

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
 Data File : BG022003.D
 Acq On : 22 May 2016 8:40
 Operator : UM/SJ
 Sample : H3086-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHGF2

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.309	753	761	779	rBV	79919	167699	4.94%	0.359%
2	7.479	783	790	802	rBV	69440	140837	4.15%	0.302%
3	7.685	819	825	833	rVV	90950	187108	5.51%	0.401%
4	7.761	833	838	846	rVB2	27205	49177	1.45%	0.105%
5	8.119	893	899	900	rVV	19715	31723	0.93%	0.068%
6	8.161	900	906	922	rVB	130736	282346	8.32%	0.605%
7	8.678	986	994	998	rBV6	14951	37492	1.10%	0.080%
8	8.730	998	1003	1009	rVB5	18379	39908	1.18%	0.085%
9	8.807	1010	1016	1020	rBV2	21247	42788	1.26%	0.092%
10	8.860	1020	1025	1031	rVV	92339	183047	5.39%	0.392%
11	8.913	1031	1034	1043	rVB5	23186	44406	1.31%	0.095%
12	8.995	1043	1048	1053	rBV6	12626	28208	0.83%	0.060%
13	9.265	1083	1094	1099	rBV3	29659	91367	2.69%	0.196%
14	9.330	1099	1105	1108	rVV	76066	158366	4.67%	0.339%
15	9.371	1108	1112	1121	rVB	192985	356274	10.50%	0.763%
16	9.471	1124	1129	1132	rBV5	17017	33024	0.97%	0.071%
17	9.624	1143	1155	1163	rVB4	23081	62667	1.85%	0.134%
18	9.794	1178	1184	1190	rVV6	24968	49194	1.45%	0.105%
19	9.888	1191	1200	1211	rVB7	49639	136054	4.01%	0.291%
20	10.058	1216	1229	1231	rBV3	75511	179756	5.30%	0.385%
21	10.146	1239	1244	1250	rBV4	48920	87533	2.58%	0.187%
22	10.211	1250	1255	1256	rBV4	22387	34301	1.01%	0.073%
23	10.293	1263	1269	1276	rVB3	53195	110082	3.24%	0.236%
24	10.376	1277	1283	1289	rBV	75865	158031	4.66%	0.338%
25	10.481	1295	1301	1306	rBV	50269	88244	2.60%	0.189%
26	10.593	1315	1320	1327	rVV	107777	210955	6.22%	0.452%
27	10.687	1330	1336	1341	rVB4	34701	71536	2.11%	0.153%
28	10.746	1341	1346	1352	rBV5	31746	68757	2.03%	0.147%
29	10.816	1355	1358	1361	rVV5	19258	29477	0.87%	0.063%
30	10.863	1361	1366	1370	rVV3	29737	65888	1.94%	0.141%
31	10.928	1370	1377	1382	rVV	543101	1024238	30.18%	2.194%
32	10.981	1382	1386	1393	rVV	256155	491819	14.49%	1.053%
33	11.045	1393	1397	1400	rVV5	18224	38641	1.14%	0.083%
34	11.110	1402	1408	1415	rVB2	256754	508150	14.97%	1.088%

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35	11.186	1416	1421	1425	rBV7	32779	64295	1.89%	0.138%
36	11.386	1452	1455	1461	rVB3	21596	36581	1.08%	0.078%
37	11.463	1462	1468	1473	rVB6	58870	118023	3.48%	0.253%
38	11.668	1492	1503	1508	rBV5	142841	409802	12.08%	0.878%
39	11.792	1519	1524	1530	rBV2	105268	188672	5.56%	0.404%
40	11.868	1531	1537	1545	rVB2	138123	285313	8.41%	0.611%
41	11.974	1548	1555	1560	rBV	379445	704576	20.76%	1.509%
42	12.015	1560	1562	1567	rVB3	59500	82069	2.42%	0.176%
43	12.162	1582	1587	1592	rVB5	46234	89576	2.64%	0.192%
44	12.244	1593	1601	1605	rBV8	74290	172559	5.08%	0.370%
45	12.362	1615	1621	1629	rBV	862079	1507097	44.41%	3.228%
46	12.767	1686	1690	1693	rBV3	33200	57995	1.71%	0.124%
47	12.990	1723	1728	1732	rBV2	145410	274984	8.10%	0.589%
48	13.090	1743	1745	1750	rVB	106832	145737	4.29%	0.312%
49	13.166	1754	1758	1763	rVB	154871	242245	7.14%	0.519%
50	13.249	1768	1772	1776	rVV2	115391	206206	6.08%	0.442%
51	13.307	1777	1782	1789	rVB	510248	825457	24.32%	1.768%
52	13.595	1824	1831	1839	rBV	1231611	2136445	62.96%	4.575%
53	14.112	1914	1919	1923	rBV3	114770	224989	6.63%	0.482%
54	14.177	1923	1930	1933	rVV2	224237	535505	15.78%	1.147%
55	14.248	1934	1942	1946	rVV3	717254	1602490	47.22%	3.432%
56	14.289	1946	1949	1955	rVB2	203629	317565	9.36%	0.680%
57	14.359	1957	1961	1966	rVB	137763	197966	5.83%	0.424%
58	14.483	1977	1982	1987	rVB	265025	400264	11.79%	0.857%
59	14.612	2000	2004	2007	rBV3	101088	149344	4.40%	0.320%
60	14.659	2007	2012	2020	rVB	1638881	2474764	72.93%	5.300%
61	14.735	2021	2025	2029	rBV5	154961	313160	9.23%	0.671%
62	14.782	2029	2033	2040	rVB2	361957	665903	19.62%	1.426%
63	15.099	2083	2087	2093	rBV5	123611	287292	8.47%	0.615%
64	15.158	2093	2097	2102	rVV3	196626	359406	10.59%	0.770%
65	15.211	2103	2106	2110	rVV2	174919	241197	7.11%	0.517%
66	15.276	2110	2117	2124	rVV5	325913	934986	27.55%	2.002%
67	15.340	2125	2128	2133	rVB	171215	239916	7.07%	0.514%
68	15.611	2168	2174	2178	rVB	1840824	2620092	77.21%	5.611%
69	15.664	2179	2183	2187	rVB3	102092	176840	5.21%	0.379%
70	15.711	2188	2191	2197	rBV3	110656	182138	5.37%	0.390%
71	15.775	2198	2202	2212	rBV	302174	485320	14.30%	1.039%

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72	16.010	2235	2242	2247	rBV	801275	1523009	44.88%	3.262%
73	16.104	2254	2258	2263	rBV	210949	317029	9.34%	0.679%
74	16.163	2264	2268	2275	rVV4	188131	464427	13.69%	0.995%
75	16.228	2275	2279	2284	rVB2	354966	510021	15.03%	1.092%
76	16.474	2315	2321	2323	rBV	1871571	3393566	100.00%	7.268%
77	16.809	2374	2378	2381	rBV2	185346	307832	9.07%	0.659%
78	16.927	2395	2398	2402	rVB2	128368	157255	4.63%	0.337%
79	16.974	2402	2406	2410	rVB3	169833	244973	7.22%	0.525%
80	17.038	2413	2417	2421	rBV3	163254	268713	7.92%	0.575%
81	17.262	2449	2455	2459	rBV	1684581	2349319	69.23%	5.031%
82	17.315	2459	2464	2468	rVB	720830	1067656	31.46%	2.287%
83	17.532	2496	2501	2505	rBV2	378403	625953	18.45%	1.341%
84	17.632	2514	2518	2523	rVB	424131	666945	19.65%	1.428%
85	17.732	2532	2535	2542	rVB2	170830	292915	8.63%	0.627%
86	17.802	2542	2547	2554	rBV4	172279	367571	10.83%	0.787%
87	17.914	2563	2566	2572	rVV2	142404	228071	6.72%	0.488%
88	17.996	2575	2580	2587	rVB	1331018	1989276	58.62%	4.260%
89	18.437	2652	2655	2661	rVB3	147022	233099	6.87%	0.499%
90	18.684	2692	2697	2703	rVB	1023896	1420560	41.86%	3.042%
91	19.306	2798	2803	2809	rBV	776106	1070529	31.55%	2.293%
92	19.876	2896	2900	2903	rBV	394027	638126	18.80%	1.367%
93	19.906	2903	2905	2914	rVB2	457309	677702	19.97%	1.451%
94	20.405	2986	2990	2995	rVB	227751	302154	8.90%	0.647%
95	20.904	3071	3075	3080	rVB	90817	117363	3.46%	0.251%
96	21.421	3159	3163	3169	rVB2	51820	74407	2.19%	0.159%
97	21.809	3221	3229	3236	rBV	392816	775942	22.87%	1.662%
98	24.906	3748	3756	3767	rBV2	169356	540477	15.93%	1.158%
99	25.141	3786	3796	3816	rVB2	228224	764655	22.53%	1.638%
100	27.708	4227	4233	4246	rVB2	14619	57799	1.70%	0.124%

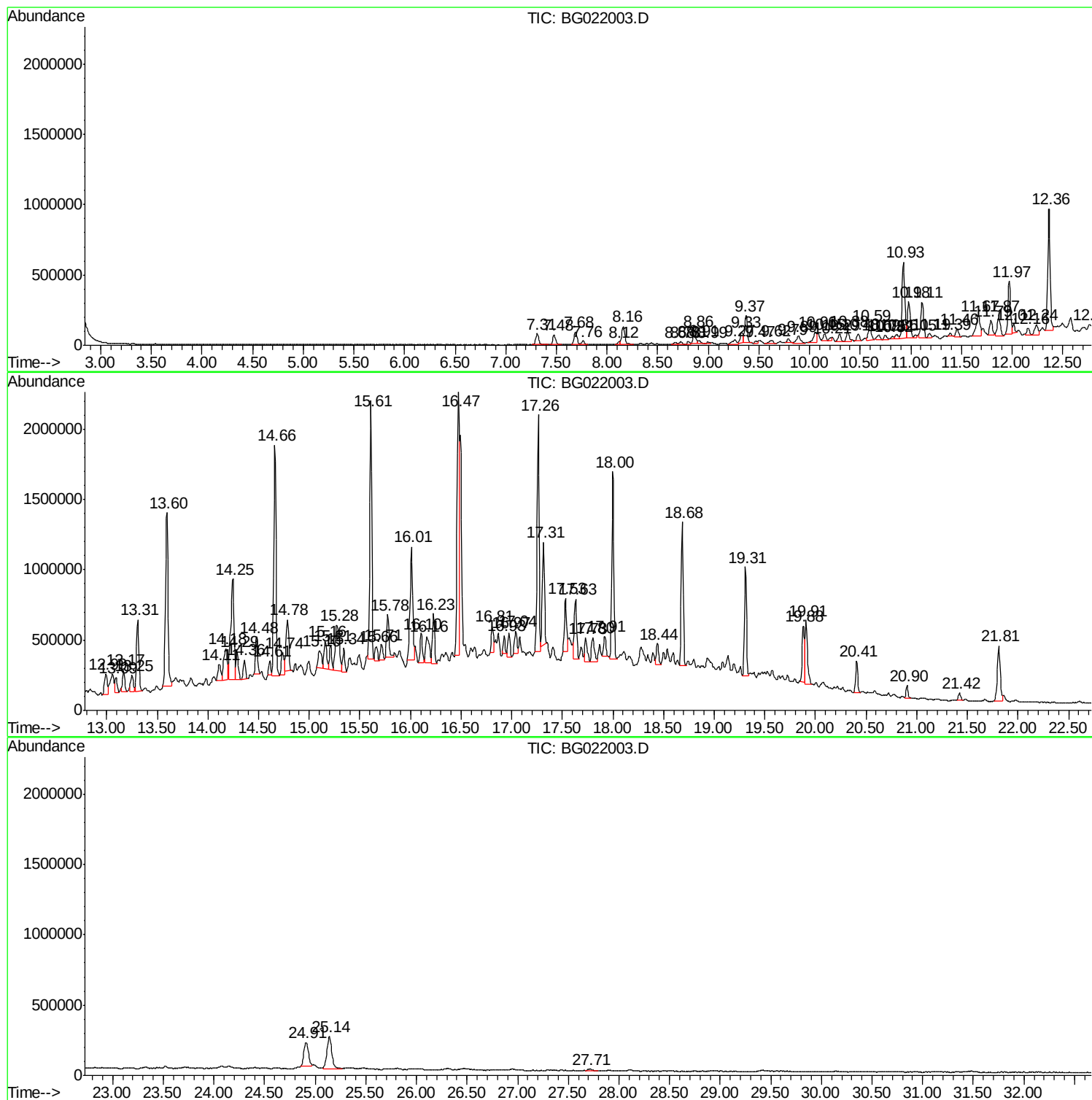
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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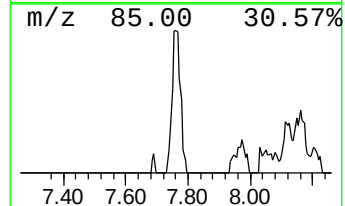
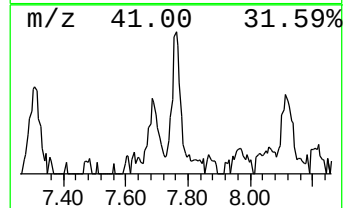
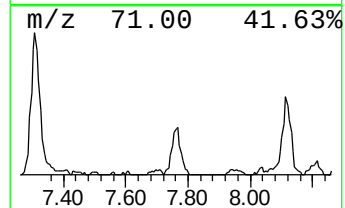
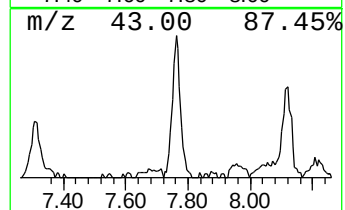
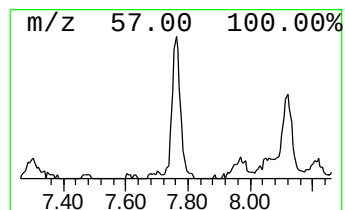
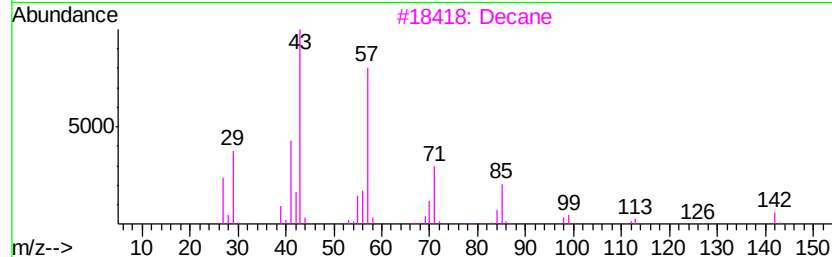
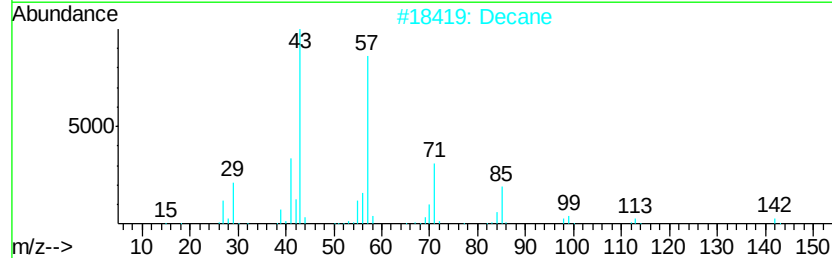
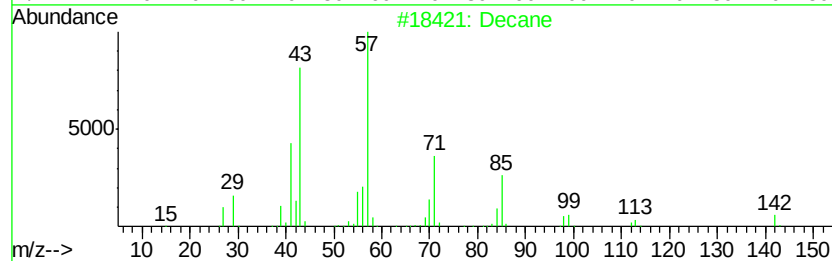
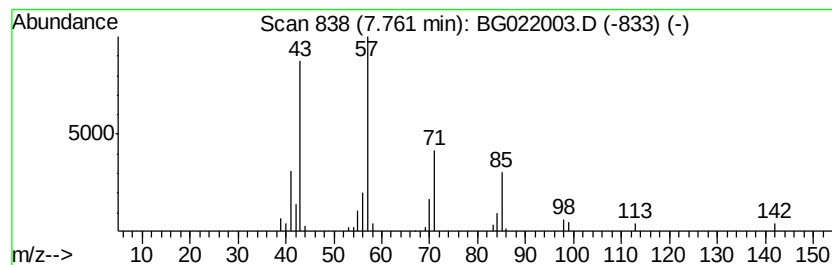
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	3.48 ng/ul	49177	1,4-Dichlorobenzene-d4	8.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane			142	C10H22	000124-18-5	91
2	Decane			142	C10H22	000124-18-5	91
3	Decane			142	C10H22	000124-18-5	90
4	Hexatriacontane			507	C36H74	000630-06-8	78
5	Decane, 3,6-dimethyl-			170	C12H26	017312-53-7	72



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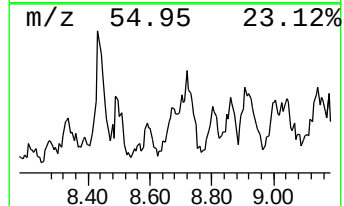
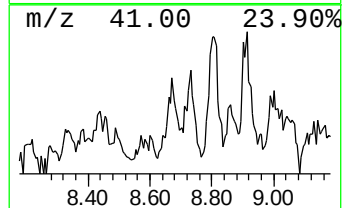
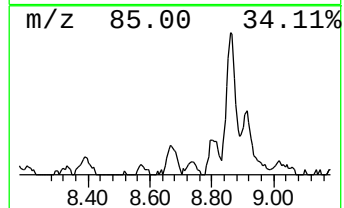
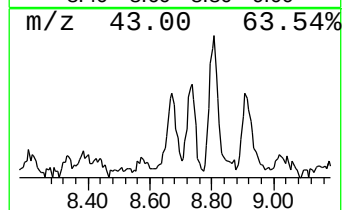
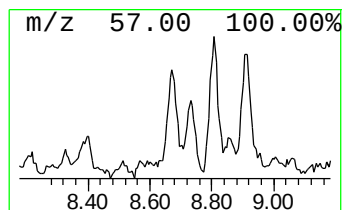
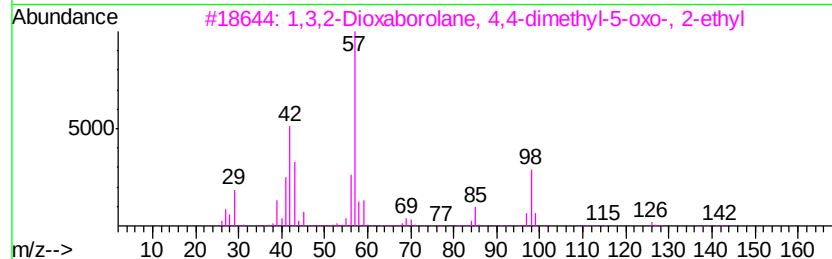
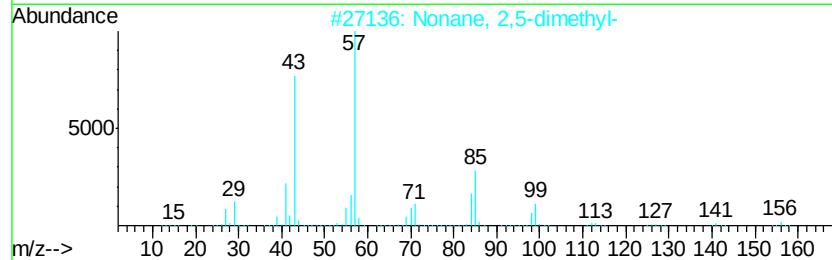
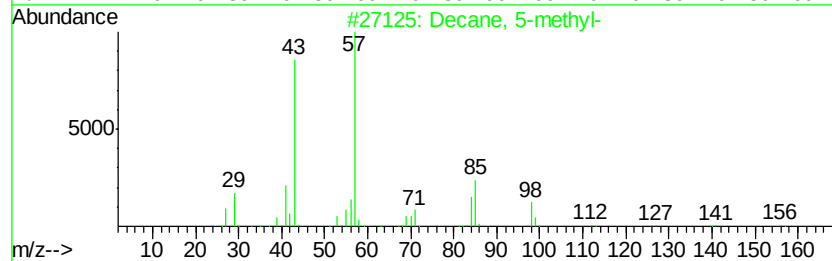
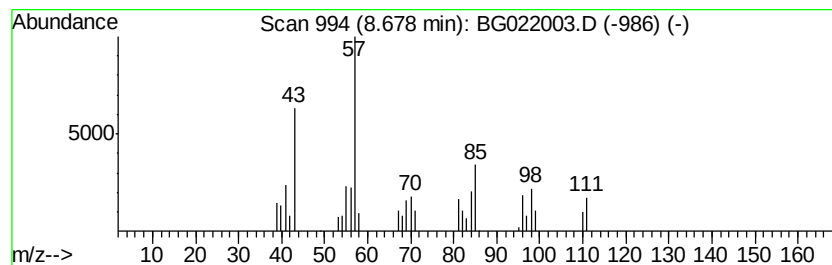
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Branched8.68 Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	2.66 ng/ul	37492	1,4-Dichlorobenzene-d4	8.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 5-methyl-	156	C11H24	013151-35-4	50
2			Nonane, 2,5-dimethyl-	156	C11H24	017302-27-1	43
3			1,3,2-Dioxaborolane, 4,4-dimethy...	142	C6H11B03	1000063-89-2	43
4			Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	43
5			Octane, 2-methyl-	128	C9H20	003221-61-2	43



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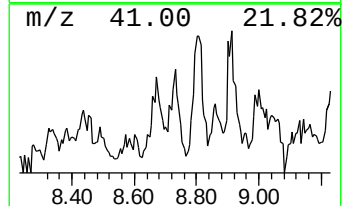
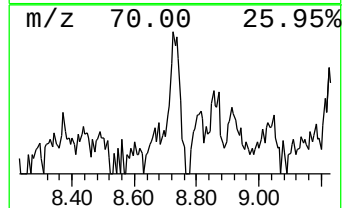
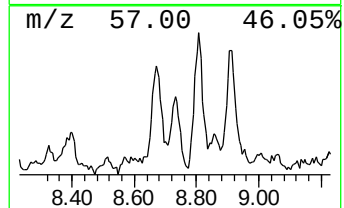
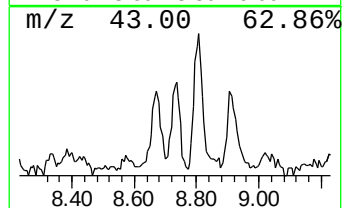
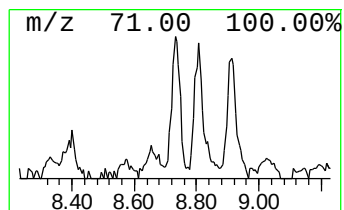
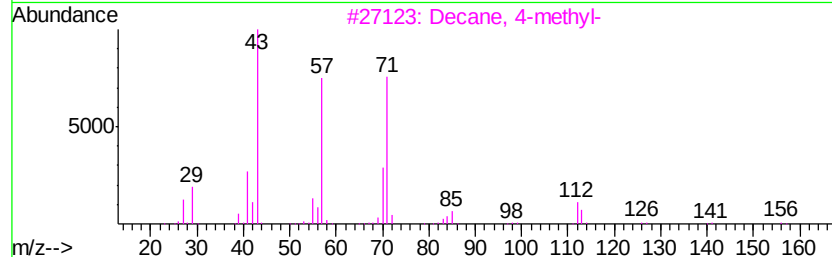
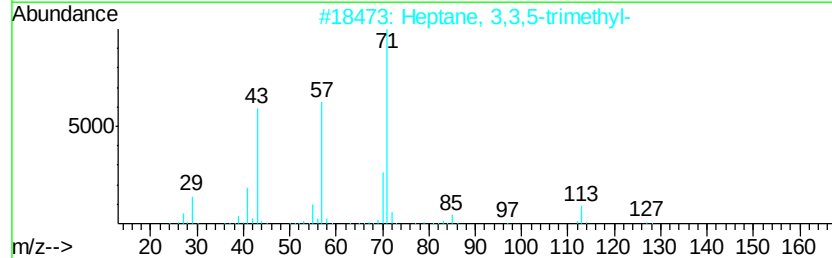
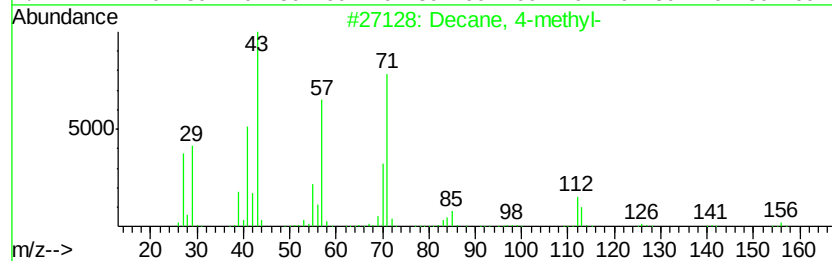
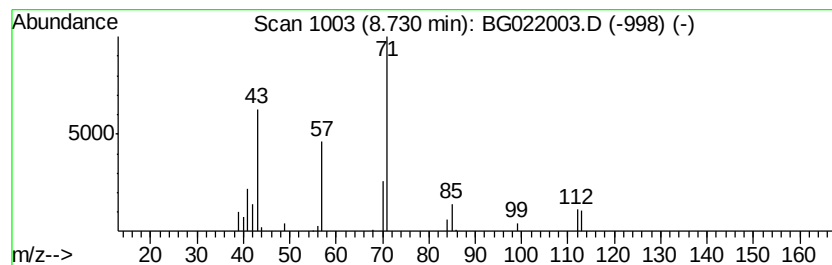
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Branched8.73 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	2.83 ng/ul	39908	1,4-Dichlorobenzene-d4	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 4-methyl-	156	C11H24	002847-72-5	53
2		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	45
3		Decane, 4-methyl-	156	C11H24	002847-72-5	38
4		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	38
5		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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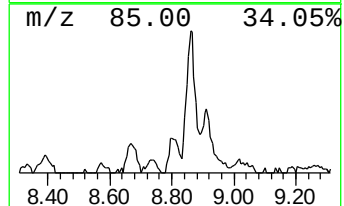
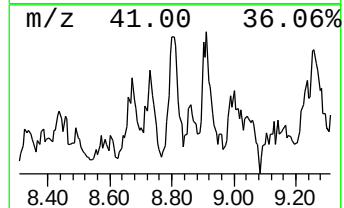
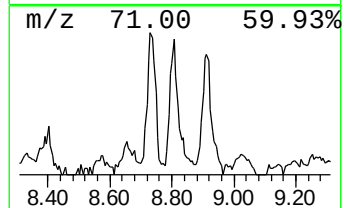
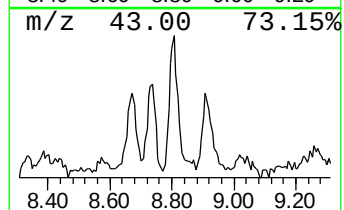
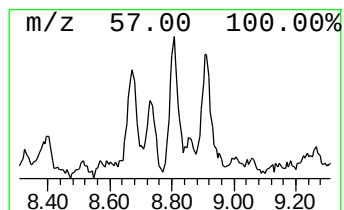
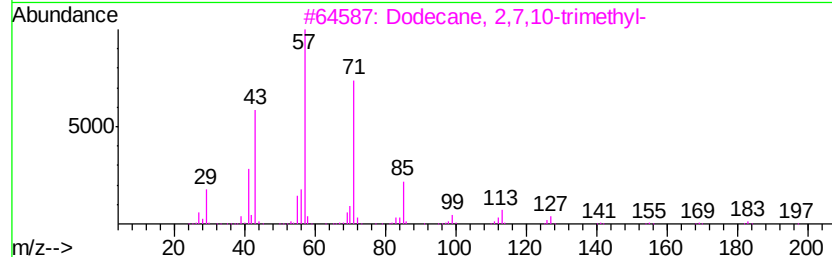
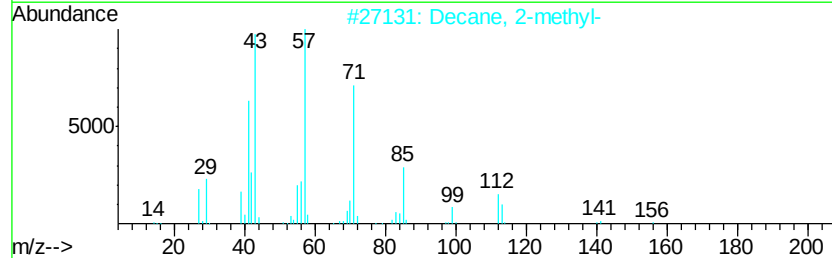
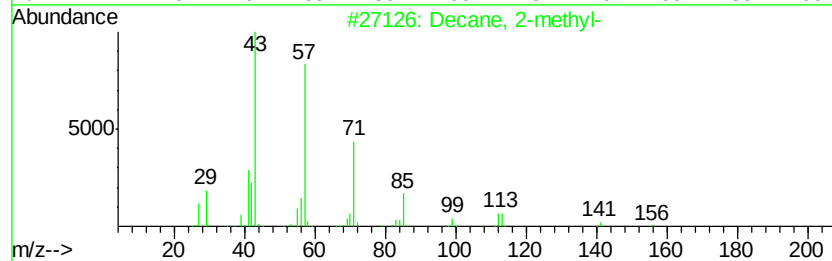
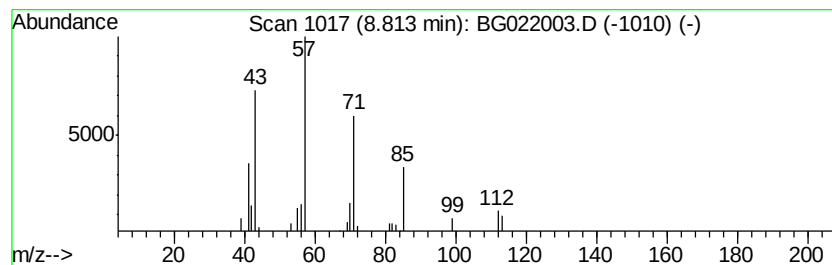
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	3.03 ng/ul	42788	1,4-Dichlorobenzene-d4	8.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2-methyl-	156	C11H24	006975-98-0	83
2			Decane, 2-methyl-	156	C11H24	006975-98-0	83
3			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	78
4			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
5			Hexadecane	226	C16H34	000544-76-3	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
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Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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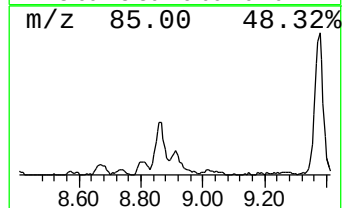
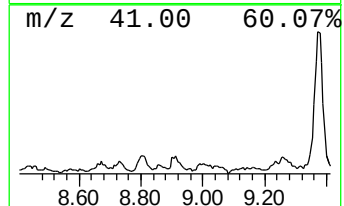
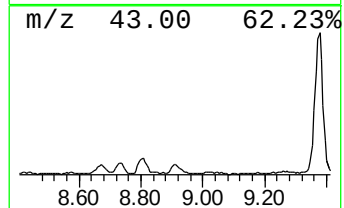
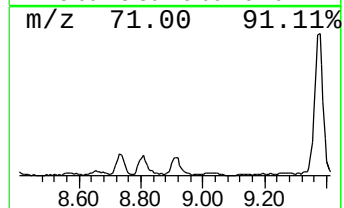
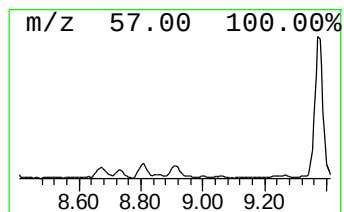
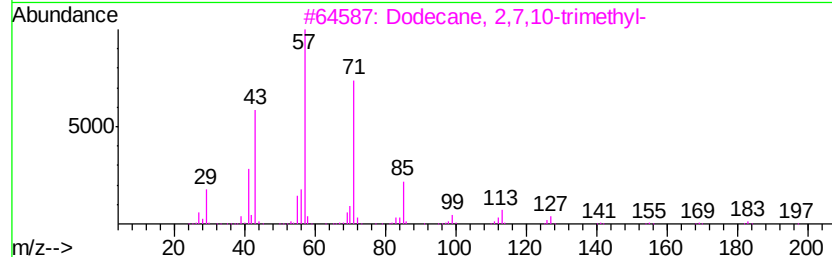
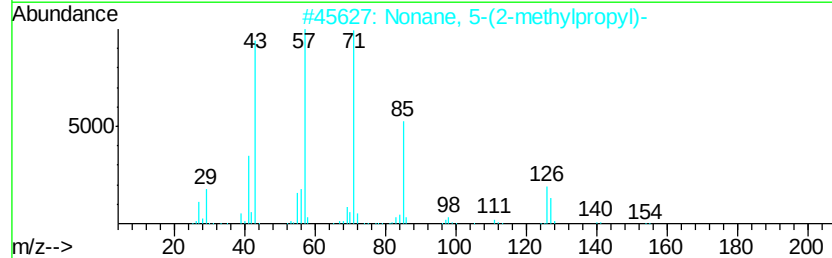
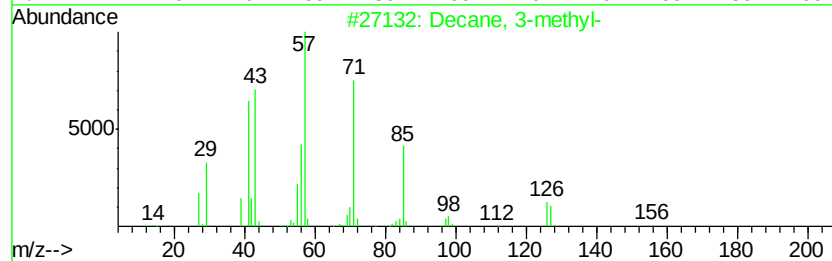
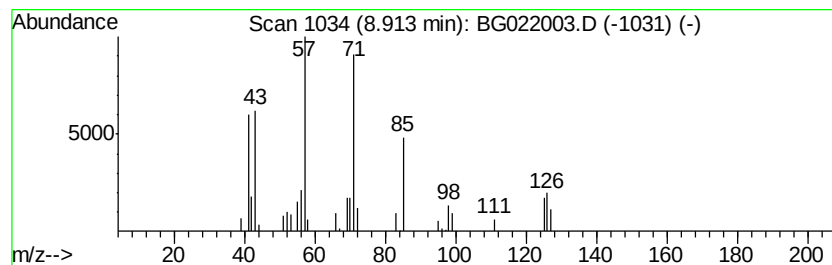
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Cyclic8.91 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	3.15 ng/ul	44406	1,4-Dichlorobenzene-d4	8.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 3-methyl-	156	C11H24	013151-34-3	72
2		Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	64
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59
4		Nonane, 5-butyl-	184	C13H28	017312-63-9	59
5		Tridecane	184	C13H28	000629-50-5	59



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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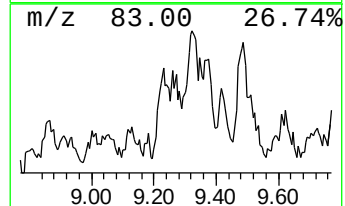
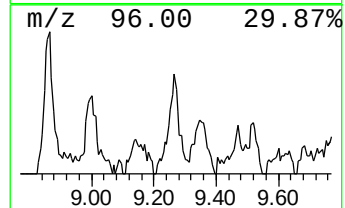
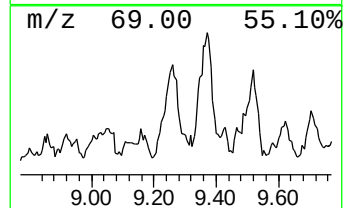
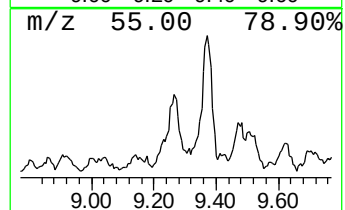
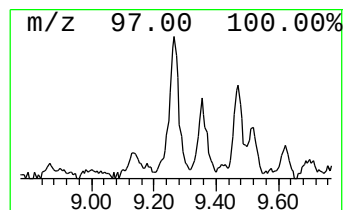
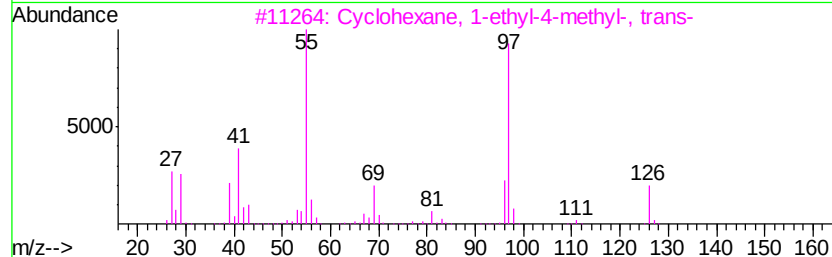
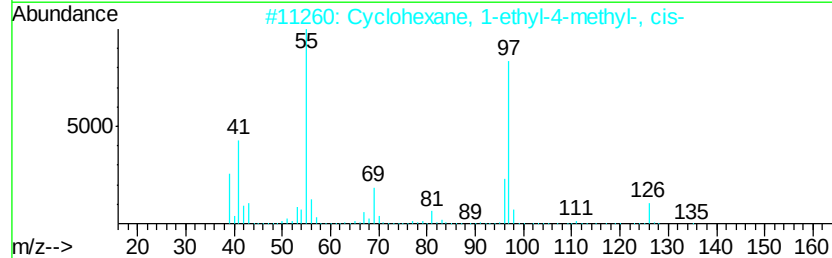
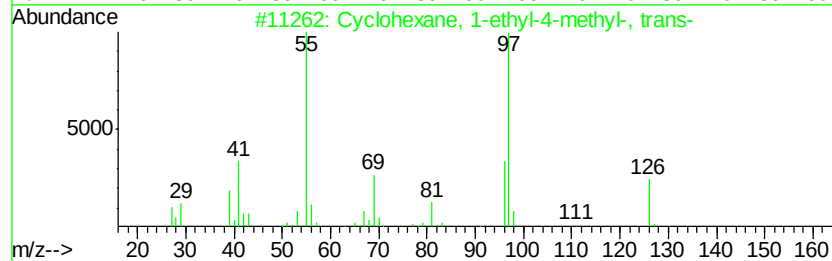
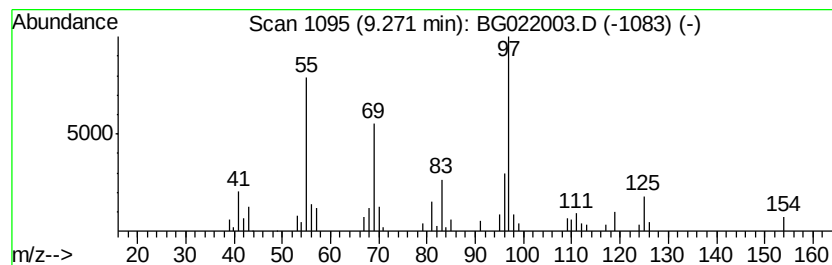
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Cyclic9.27 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	6.47 ng/ul	91367	1,4-Dichlorobenzene-d4	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	64
2		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	59
3		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	58
4		Cyclohexane, 1-methyl-3-(1-methy...	140	C10H20	016580-24-8	53
5		Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	53



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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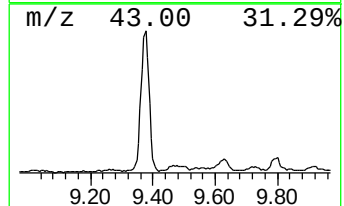
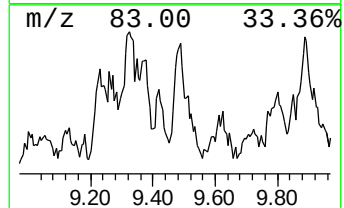
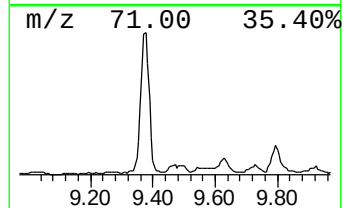
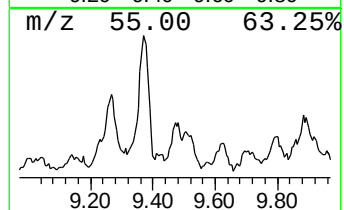
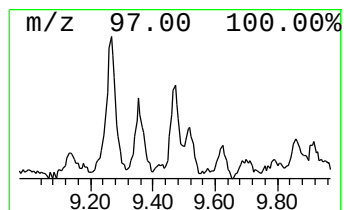
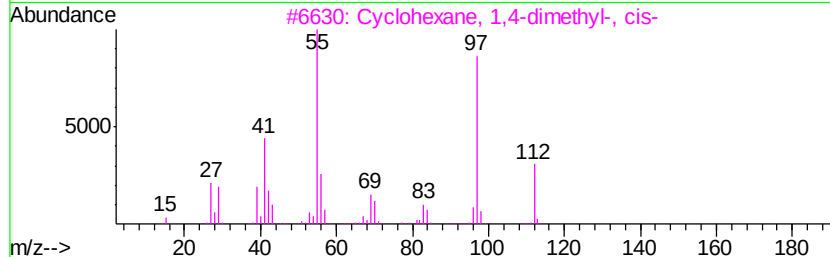
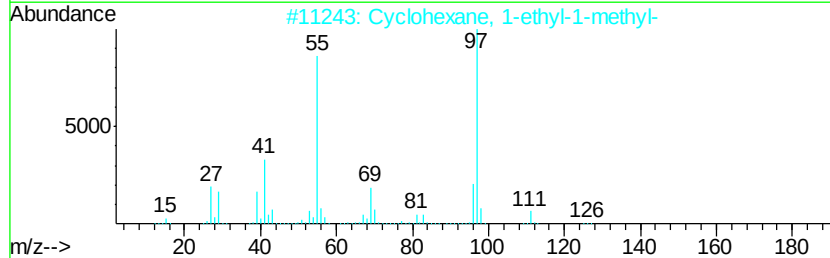
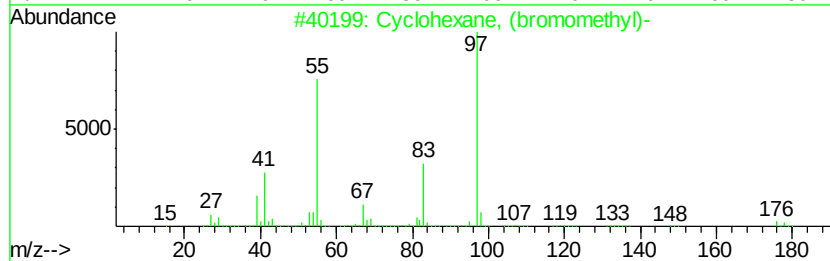
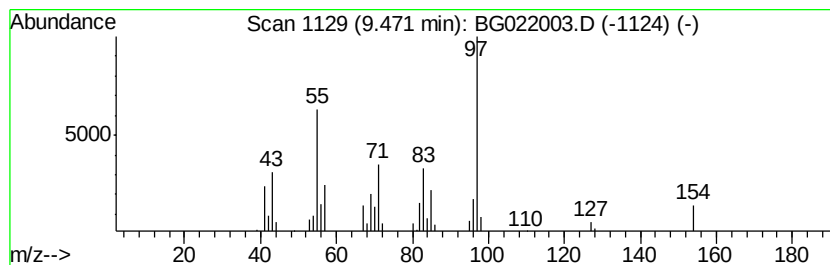
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown-01 Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	2.34 ng/ul	33024	1,4-Dichlorobenzene-d4	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (bromomethyl)-	176	C7H13Br	002550-36-9	47
2		Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	43
3		Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	43
4		Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	43
5		Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	43



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
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Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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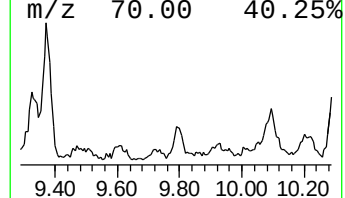
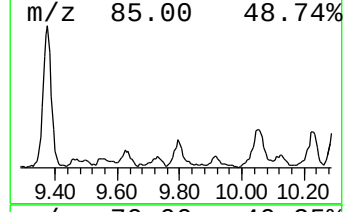
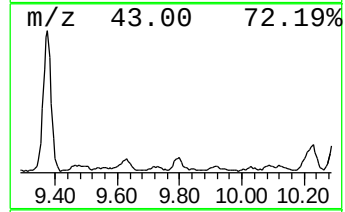
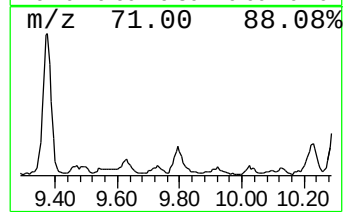
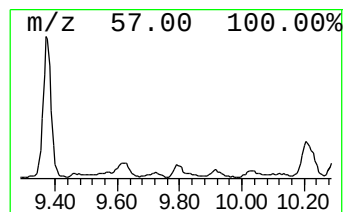
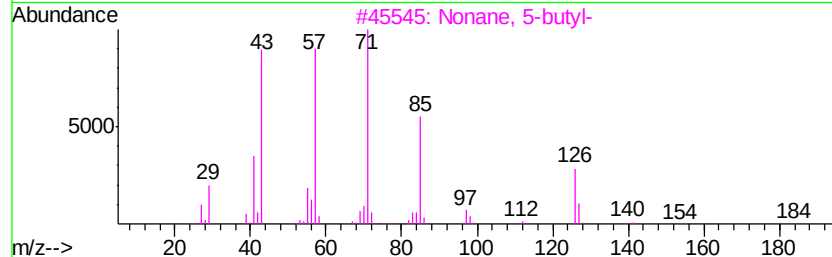
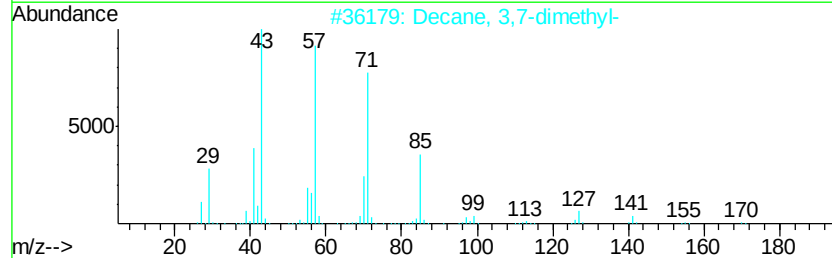
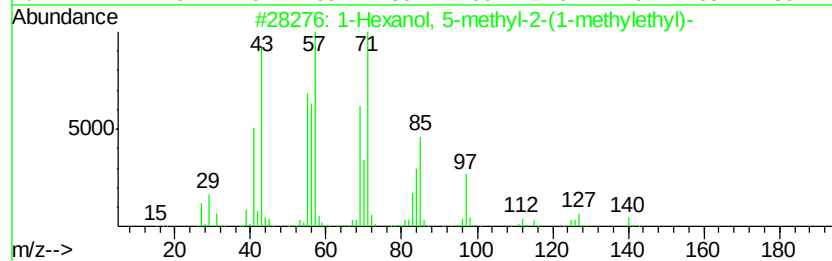
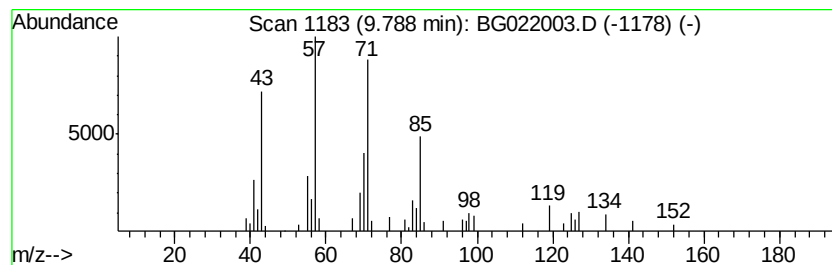
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 1-Hexanol, 5-methyl-2-(1-me... Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	2.00 ng/ul	49194	Napthalene-d8	10.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexanol, 5-methyl-2-(1-methyle...	158	C10H22O	002051-33-4	64
2		Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	64
3		Nonane, 5-butyl-	184	C13H28	017312-63-9	59
4		Hexadecane	226	C16H34	000544-76-3	53
5		Eicosane	282	C20H42	000112-95-8	53



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
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Sample : H3086-01
Misc :
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Instrument :
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ClientSampled :
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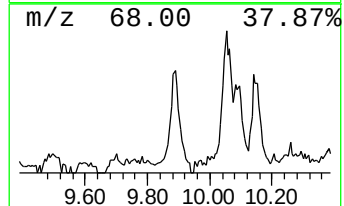
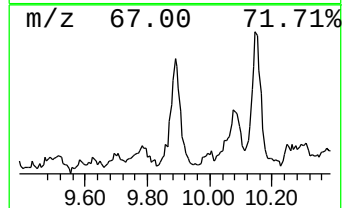
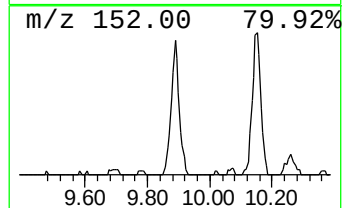
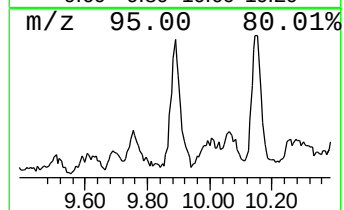
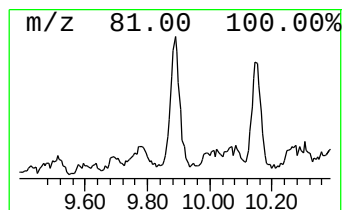
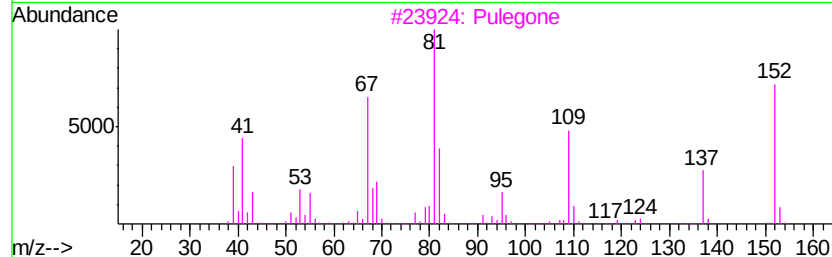
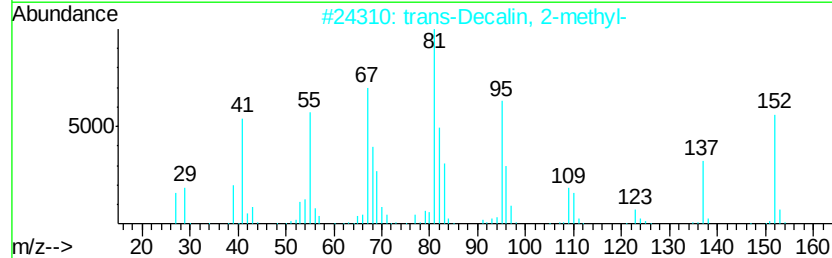
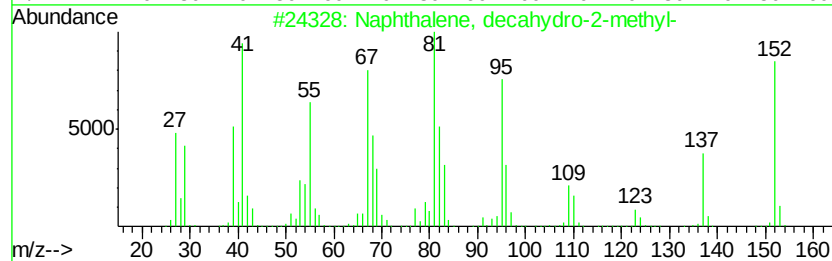
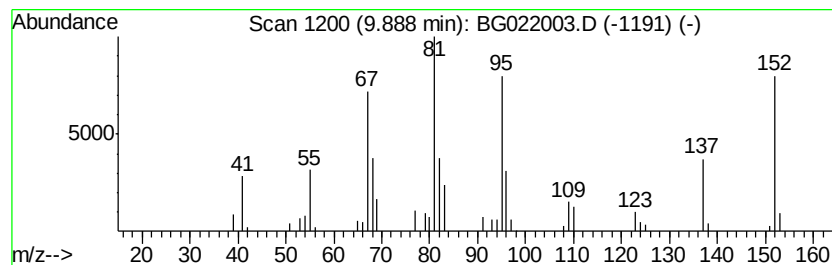
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Branched9.89 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	5.53 ng/ul	136054	Naphthalene-d8	10.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	95
2		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	91
3		Pulegone	152	C10H16O	000089-82-7	70
4		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	62
5		Pulegone	152	C10H16O	000089-82-7	58



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampled :
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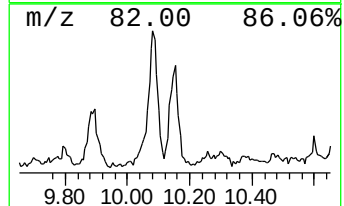
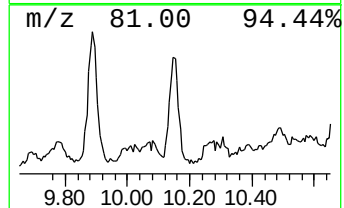
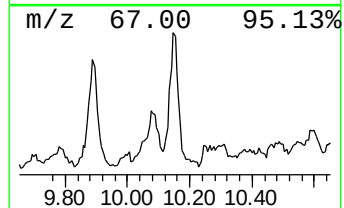
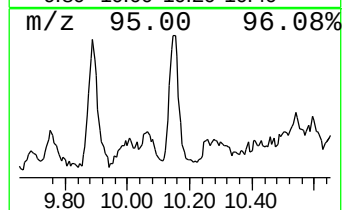
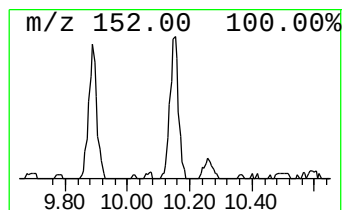
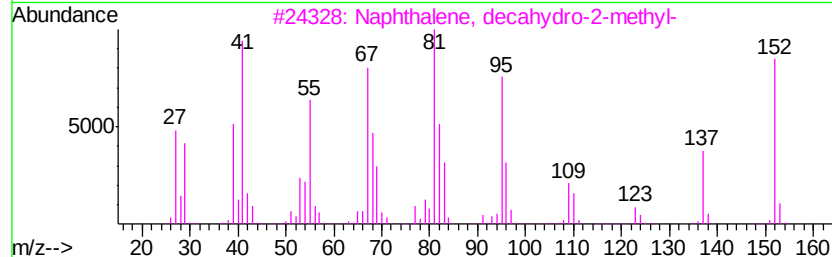
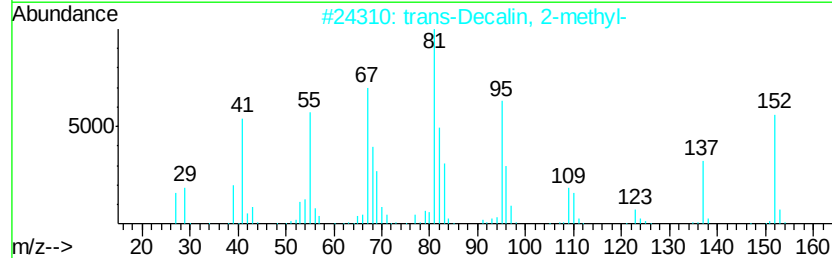
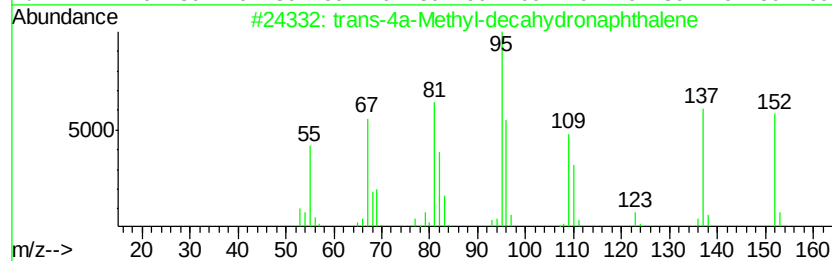
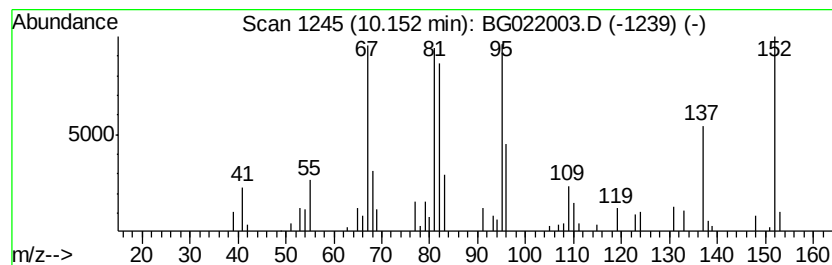
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 (DEL) Alkane: Branched10.15 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.15	3.56 ng/ul	87533	Naphthalene-d8	10.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	93
2		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	91
3		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	91
4		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	70
5		Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	58



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

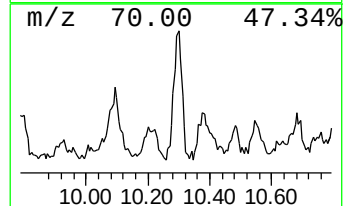
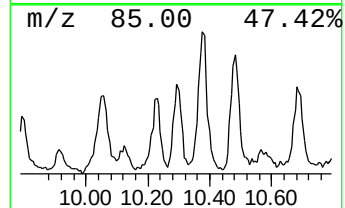
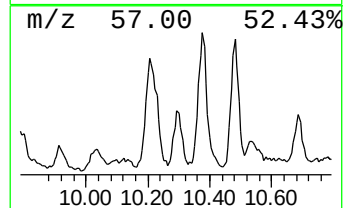
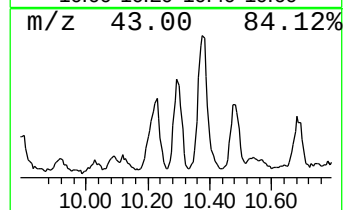
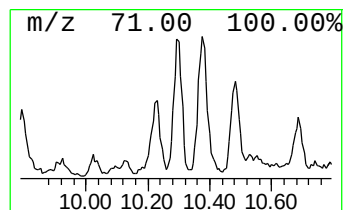
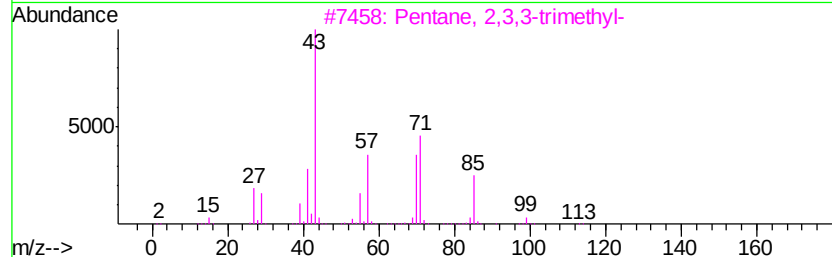
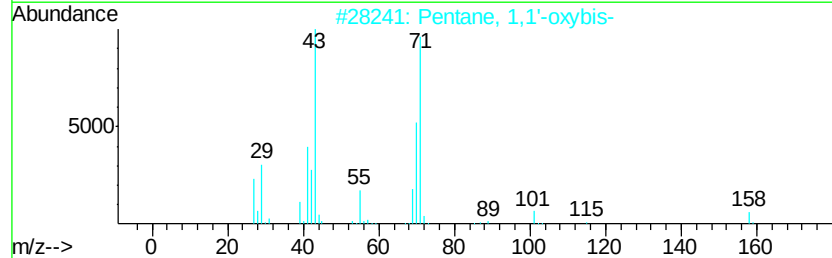
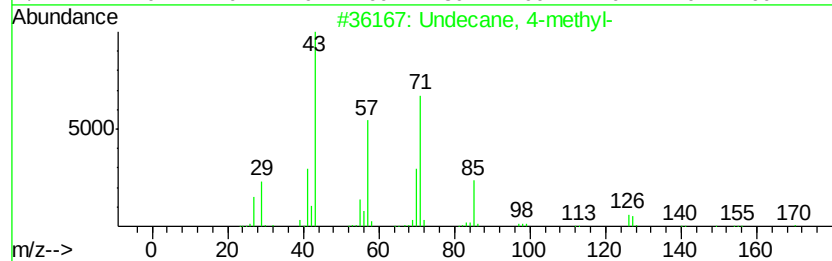
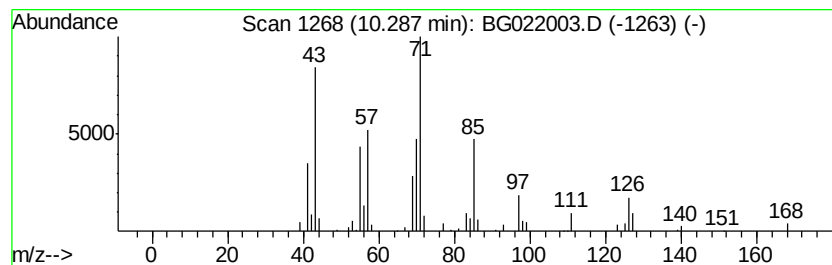
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	4.48 ng/ul	110082	Napthalene-d8	10.98
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane, 4-methyl-	170 C12H26	002980-69-0	78
2	Pentane, 1,1'-oxybis-	158 C10H22O	000693-65-2	47
3	Pentane, 2,3,3-trimethyl-	114 C8H18	000560-21-4	47
4	Hexane, 2,4,4-trimethyl-	128 C9H20	016747-30-1	47
5	1-Hexene, 4,5-dimethyl-	112 C8H16	016106-59-5	47



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

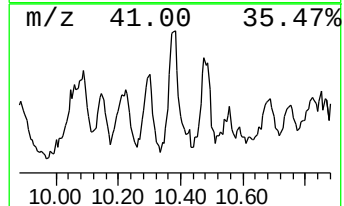
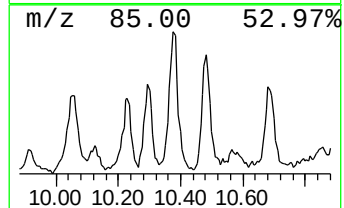
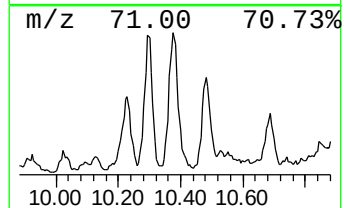
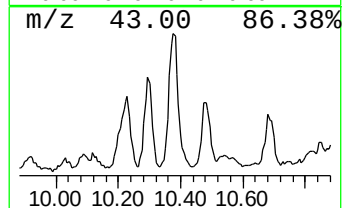
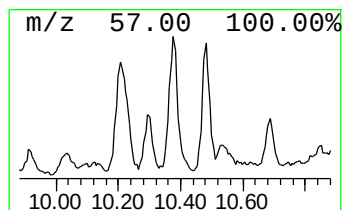
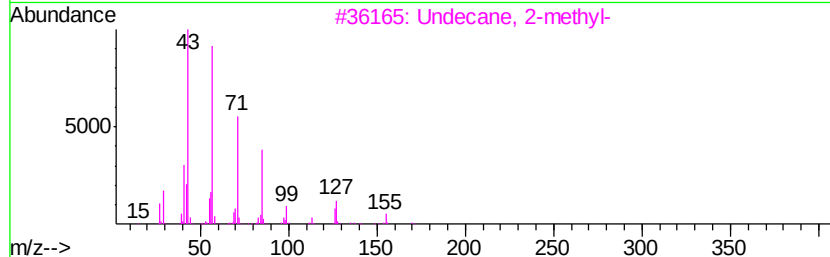
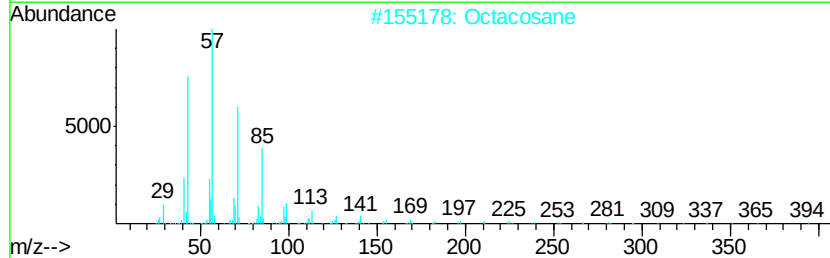
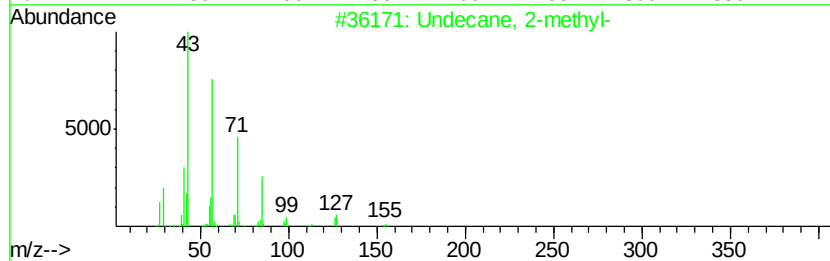
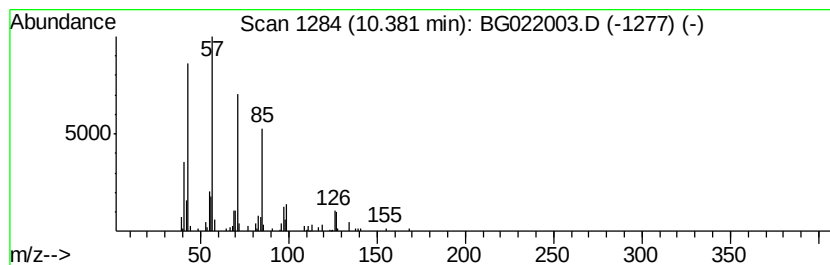
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 (DEL) Alkane: Branched10.38 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.38	6.43 ng/ul	158031	Napthalene-d8	10.98	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2-methyl-	170	C12H26	007045-71-8	80
2	Octacosane	394	C28H58	000630-02-4	72
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	70
4	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	64
5	Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

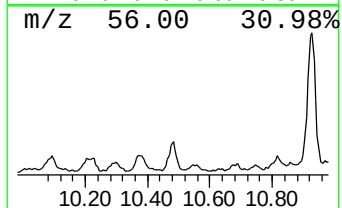
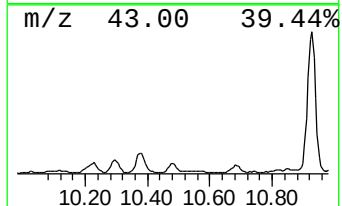
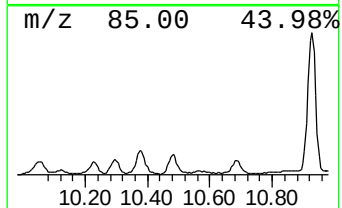
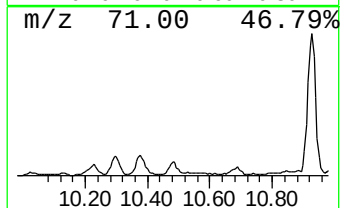
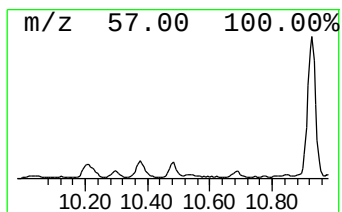
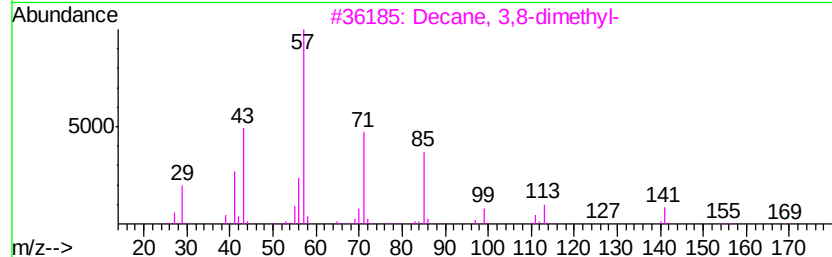
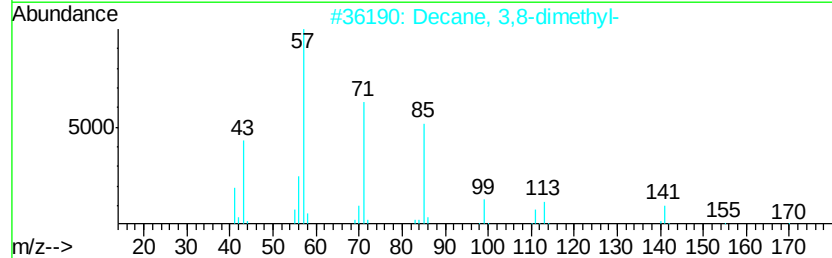
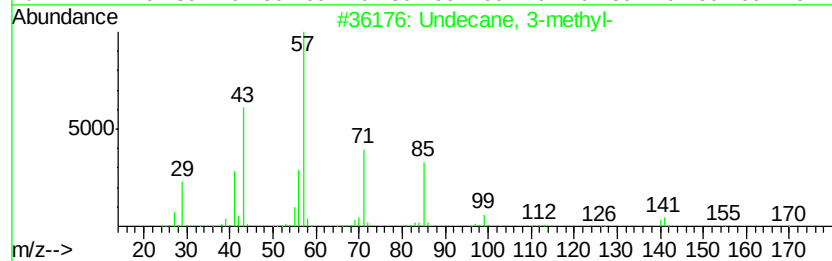
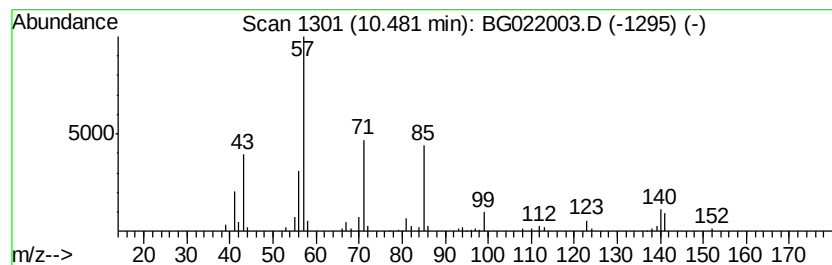
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 (DEL) Alkane: Cyclic10.48 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	3.59 ng/ul	88244	Napthalene-d8	10.98
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane, 3-methyl-	170 C12H26	001002-43-3	86
2	Decane, 3,8-dimethyl-	170 C12H26	017312-55-9	64
3	Decane, 3,8-dimethyl-	170 C12H26	017312-55-9	64
4	Borane, diethyl(decyloxy)-	226 C14H31BO	1000152-34-3	53
5	Nonane, 3,7-dimethyl-	156 C11H24	017302-32-8	47



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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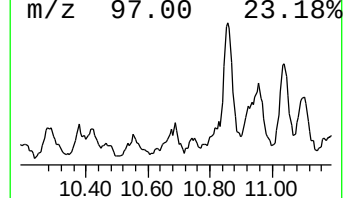
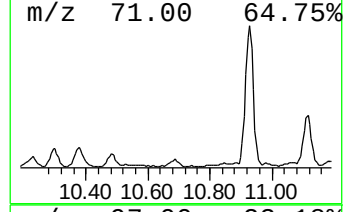
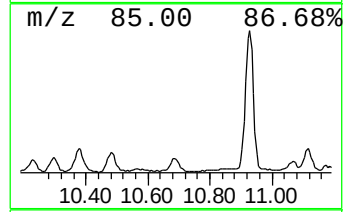
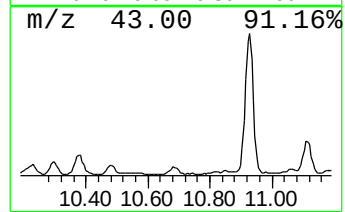
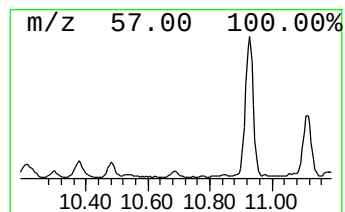
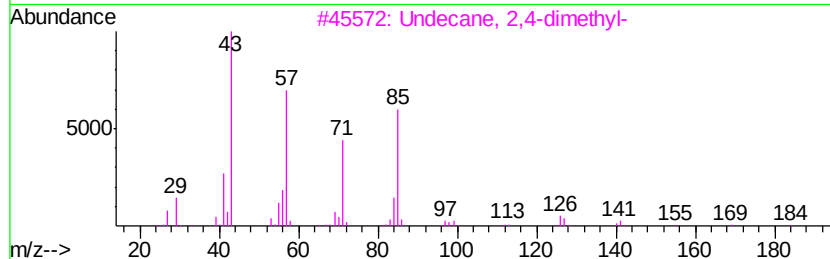
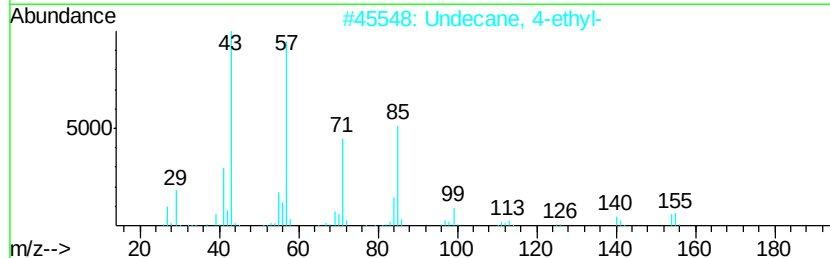
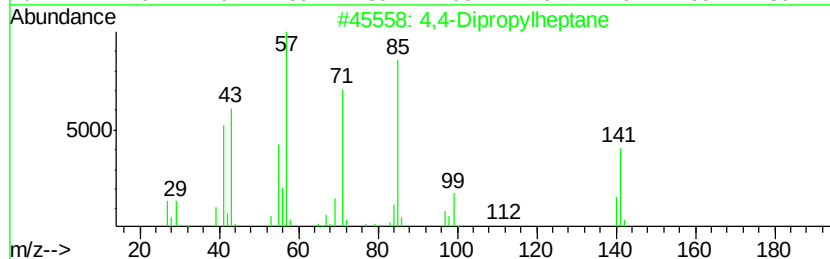
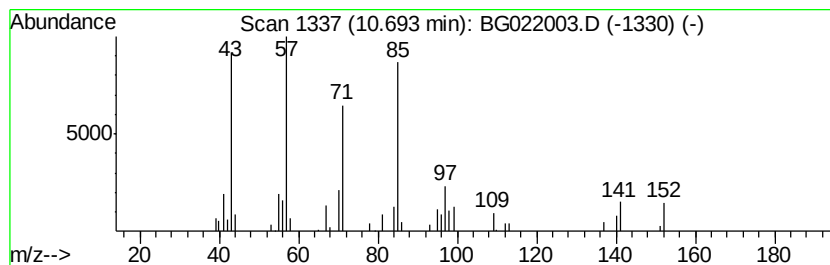
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	2.91 ng/ul	71536	Napthalene-d8	10.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,4-Dipropylheptane	184	C13H28	017312-72-0	72
2		Undecane, 4-ethyl-	184	C13H28	017312-59-3	59
3		Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	59
4		1-Hexanol, 2-ethyl-2-propyl-	172	C11H24O	054461-00-6	53
5		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	53



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
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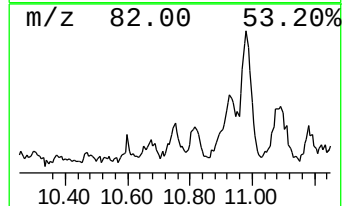
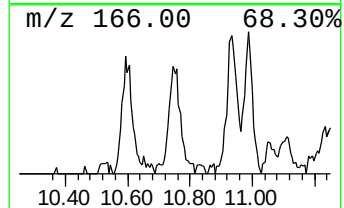
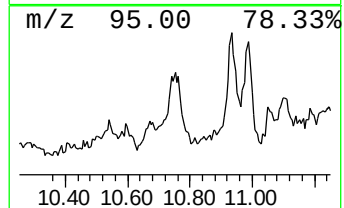
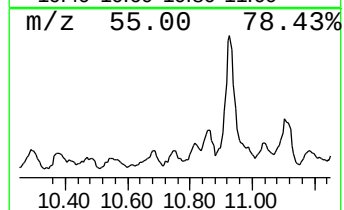
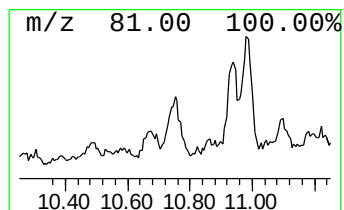
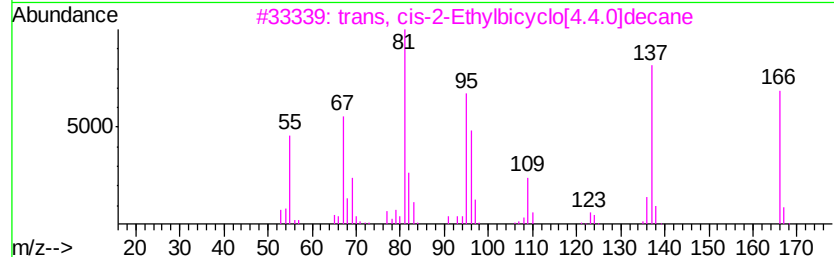
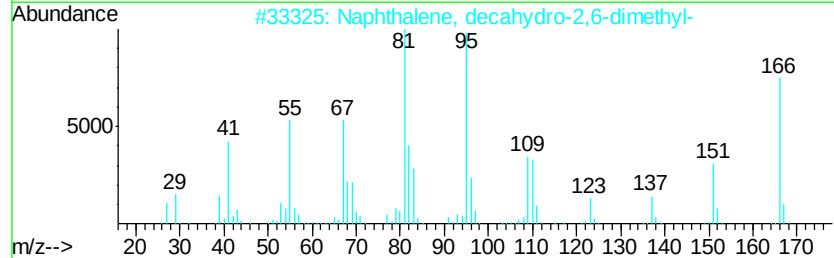
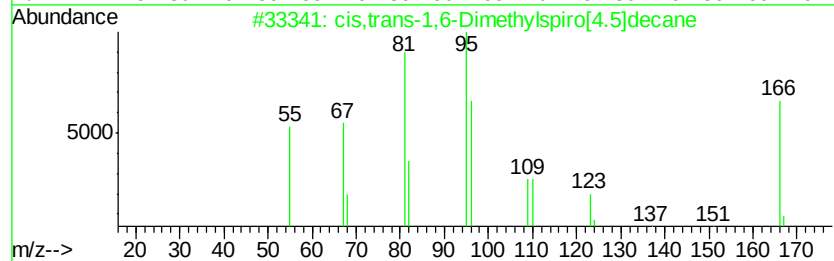
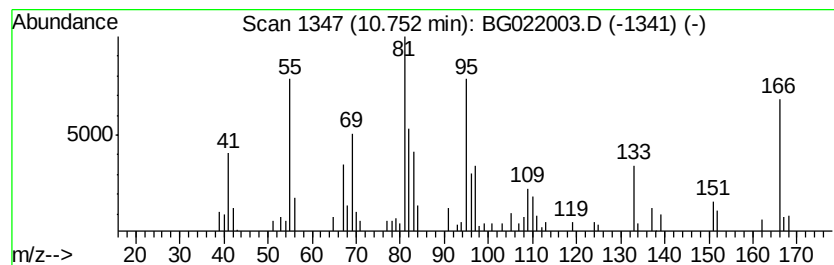
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 (DEL) Alkane: Branched10.75 Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.75	2.80 ng/ul	68757	Naphthalene-d8	10.98		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	70
2		Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	70
3		trans, cis-2-Ethylbicyclo[4.4.0]...	166	C12H22	066660-39-7	58
4		trans,trans-1,6-Dimethylspiro[4....	166	C12H22	1000111-72-1	53
5		trans,trans-1,8-Dimethylspiro[4....	166	C12H22	1000111-72-8	52



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
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Acq On : 22 May 2016 8:40
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Sample : H3086-01
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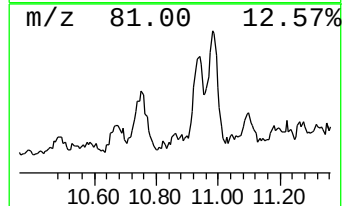
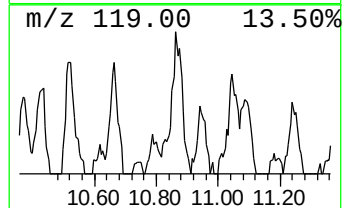
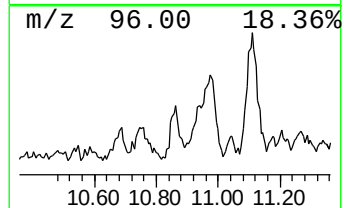
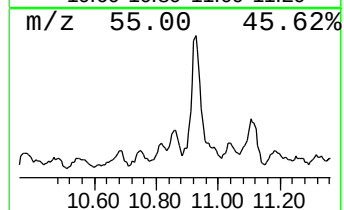
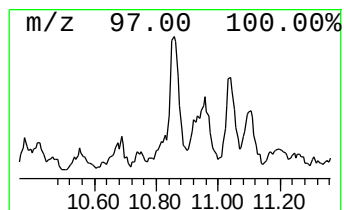
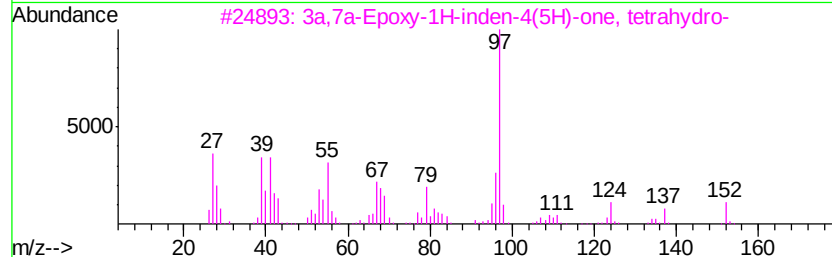
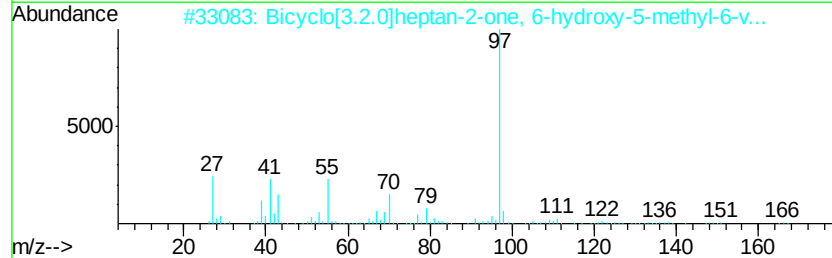
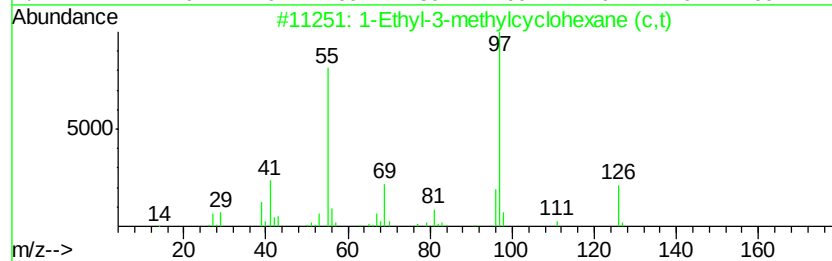
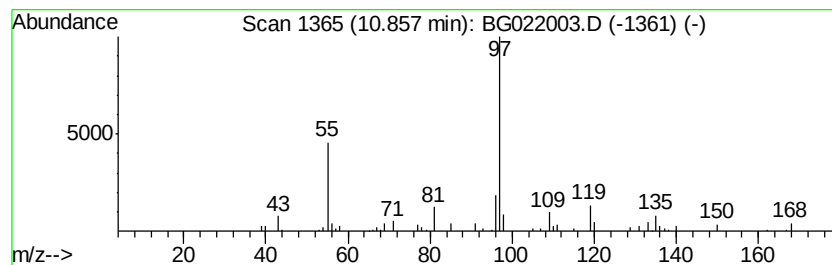
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 (DEL) Alkane: Branched10.86 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	2.68 ng/ul	65888	Naphthalene-d8	10.98
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Ethyl-3-methylcyclohexane (c,t)	126 C9H18	003728-55-0 40
2		Bicyclo[3.2.0]heptan-2-one, 6-hy...	166 C10H14O2	1000154-96-8 37
3		3a,7a-Epoxy-1H-inden-4(5H)-one, ...	152 C9H12O2	039746-31-1 33
4		Hexahydro-1-oxa-cyclopropa[d]ind...	152 C9H12O2	037643-23-5 33
5		Heptane, 1,7-dibromo-	256 C7H14Br2	004549-31-9 25



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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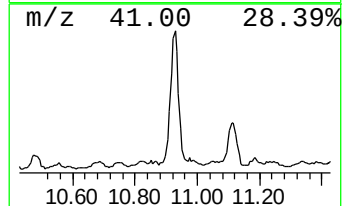
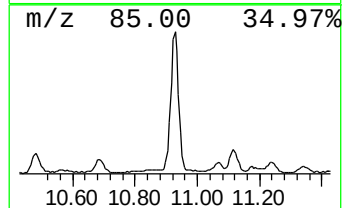
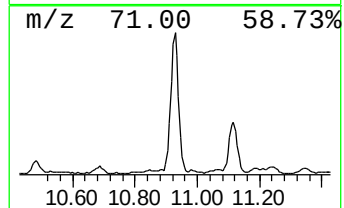
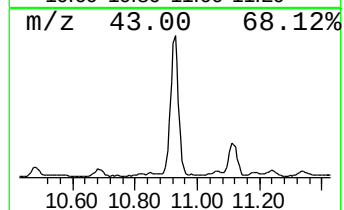
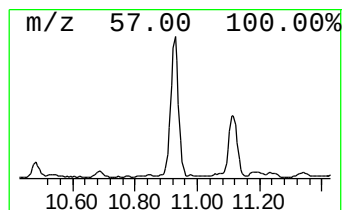
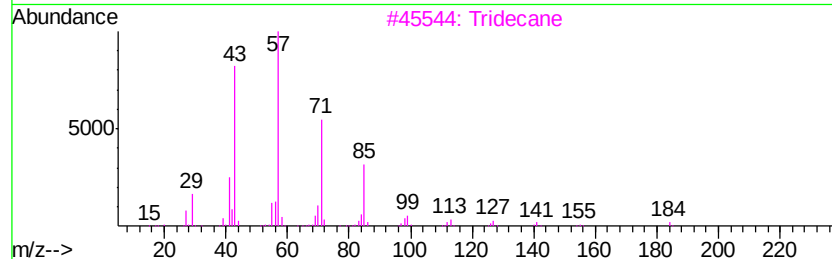
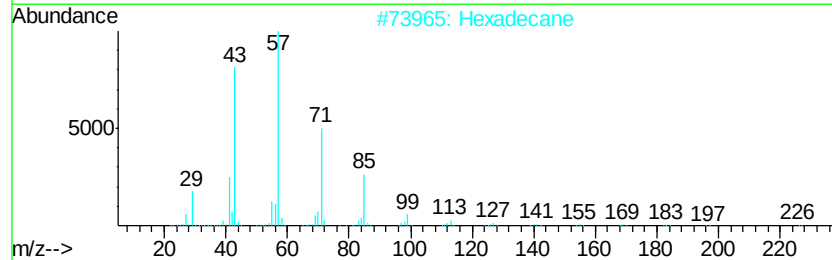
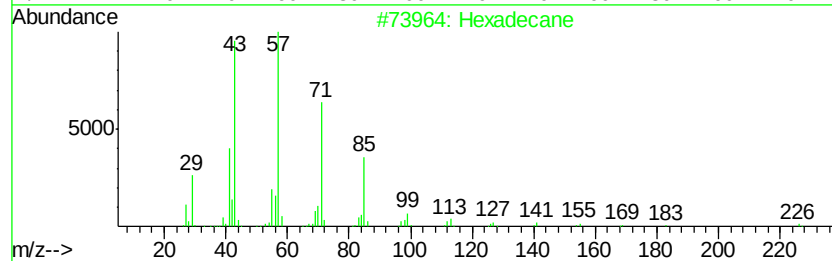
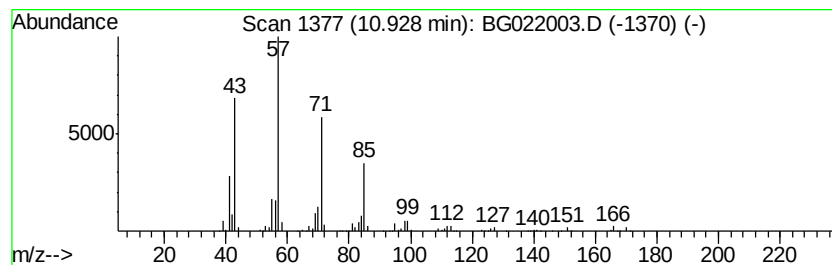
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	41.65 ng/ul	1024240	Naphthalene-d8	10.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	80
2		Hexadecane	226	C16H34	000544-76-3	78
3		Tridecane	184	C13H28	000629-50-5	72
4		1-Undecene, 4-methyl-	168	C12H24	074630-39-0	72
5		Heptadecane	240	C17H36	000629-78-7	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

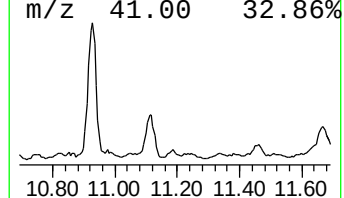
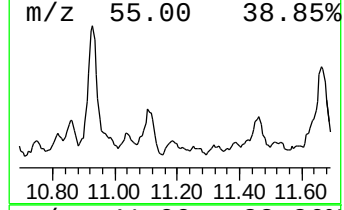
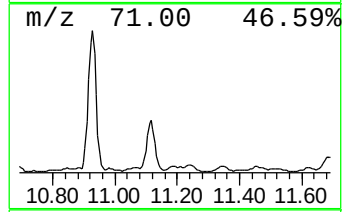
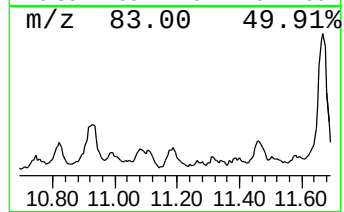
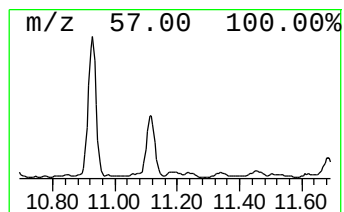
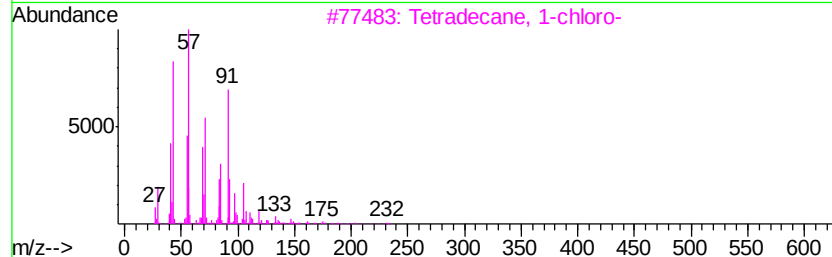
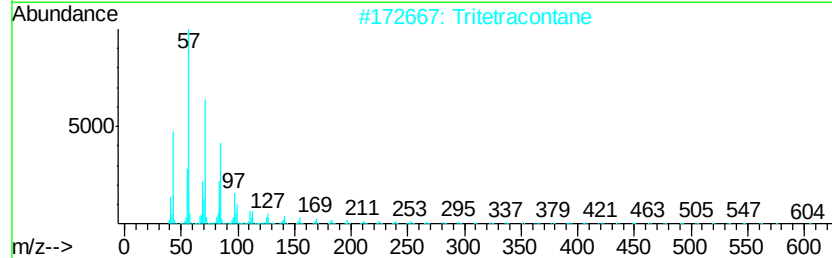
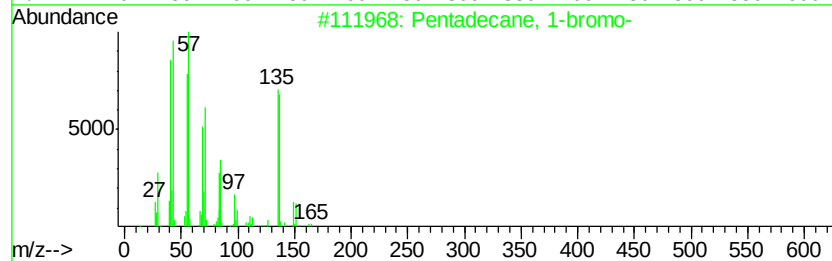
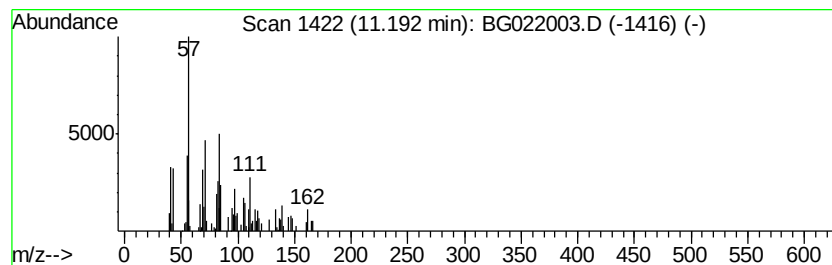
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 unknown-02 Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	2.61 ng/ul	64295	Napthalene-d8	10.98
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pentadecane, 1-bromo-	290 C15H31Br	000629-72-1 35
2		Tritetracontane	605 C43H88	007098-21-7 27
3		Tetradecane, 1-chloro-	232 C14H29Cl	002425-54-9 27
4		Hexadecane, 1-chloro-	260 C16H33Cl	004860-03-1 25
5		Tetradecane, 1-chloro-	232 C14H29Cl	002425-54-9 22



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHGF2

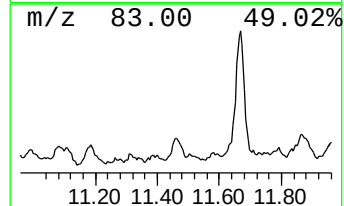
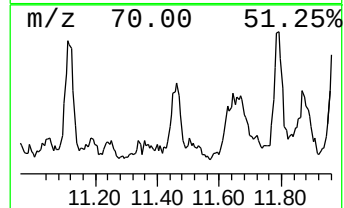
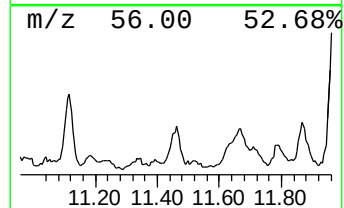
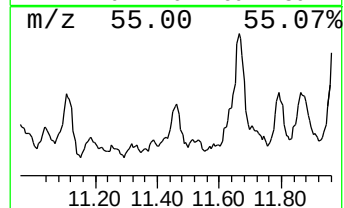
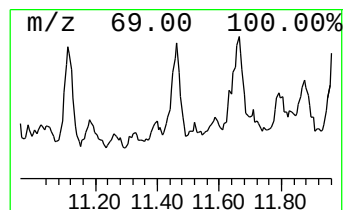
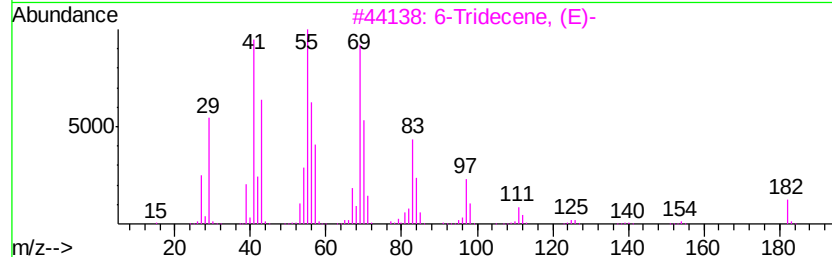
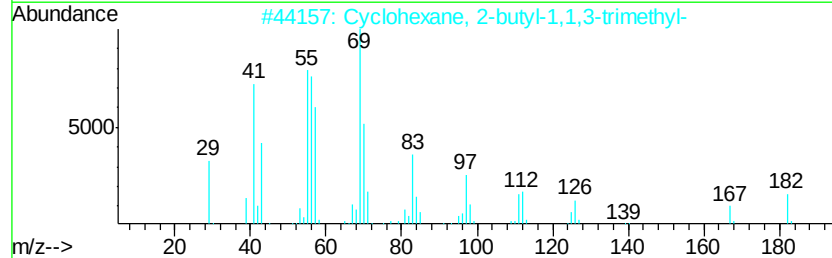
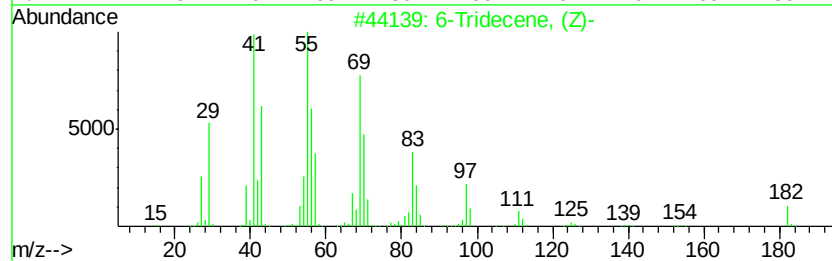
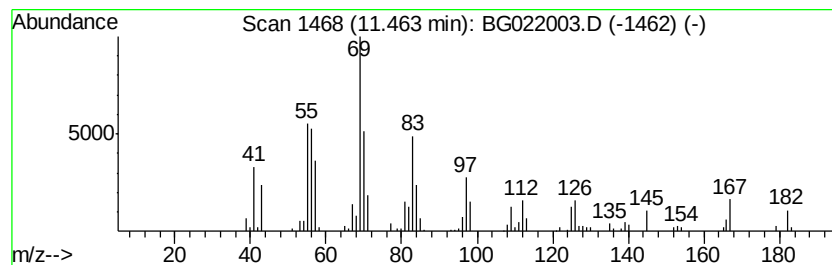
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 (DEL) Alkane: Branched11.46 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	4.80 ng/ul	118023	Napthalene-d8	10.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			6-Tridecene, (Z)-	182	C13H26	006508-77-6	90
2			Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	90
3			6-Tridecene, (E)-	182	C13H26	006434-76-0	87
4			Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	81
5			Cyclooctane, 1,5-dimethyl-	140	C10H20	021328-57-4	80



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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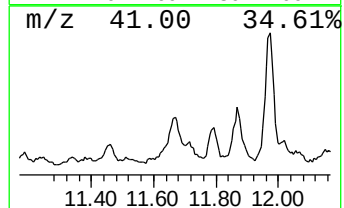
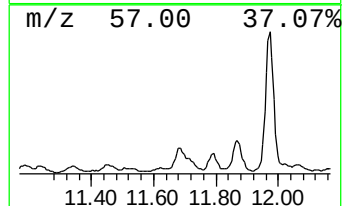
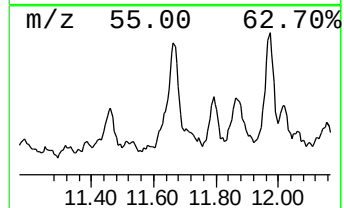
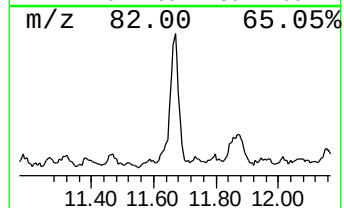
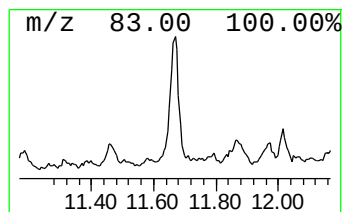
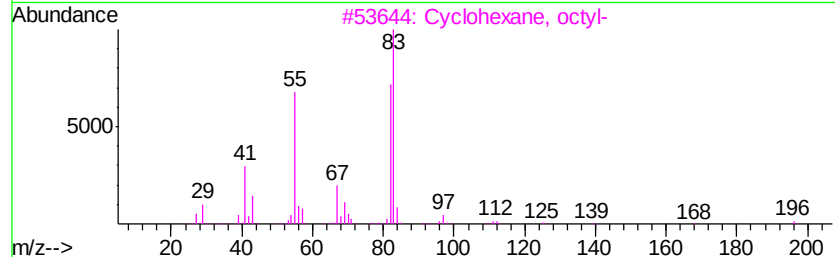
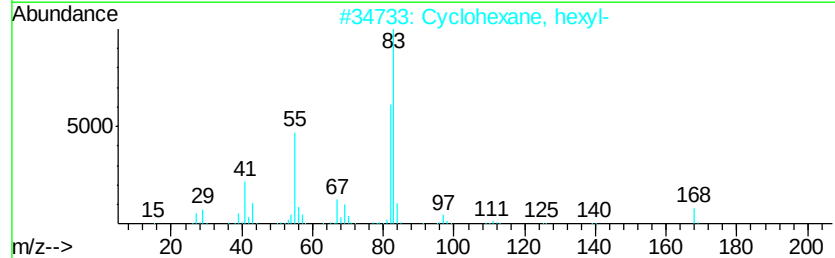
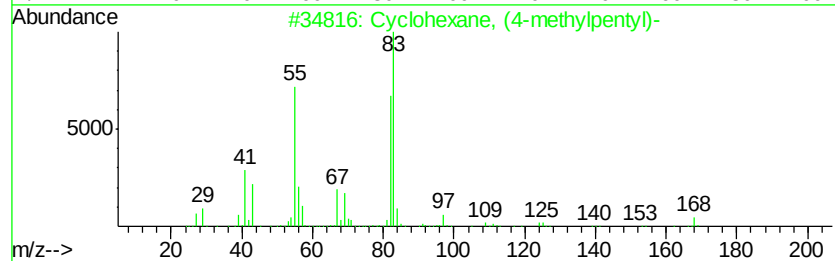
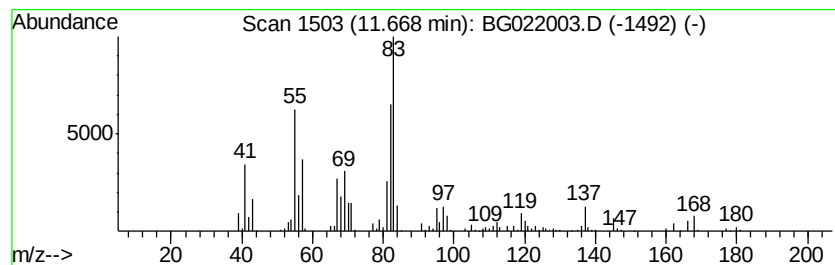
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	16.66 ng/ul	409802	Napthalene-d8	10.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	68
2		Cyclohexane, hexyl-	168	C12H24	004292-75-5	64
3		Cyclohexane, octyl-	196	C14H28	001795-15-9	59
4		Cyclohexane, propyl-	126	C9H18	001678-92-8	53
5		Cyclohexane, octyl-	196	C14H28	001795-15-9	53



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampled :
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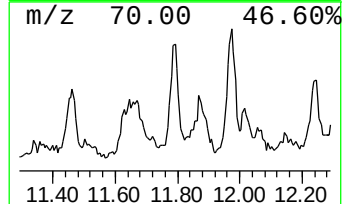
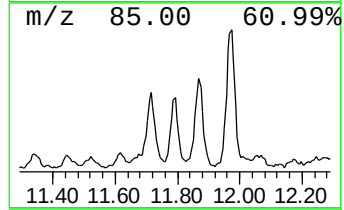
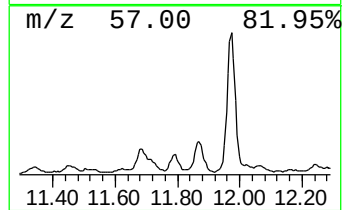
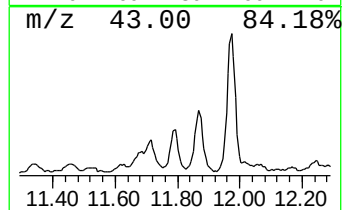
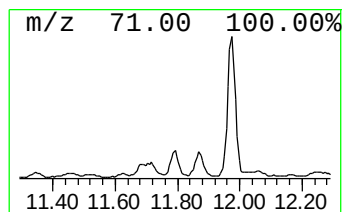
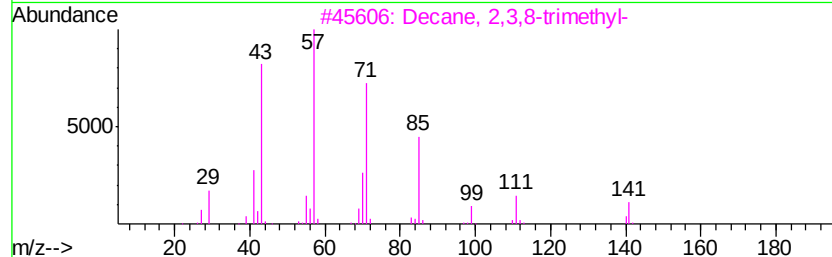
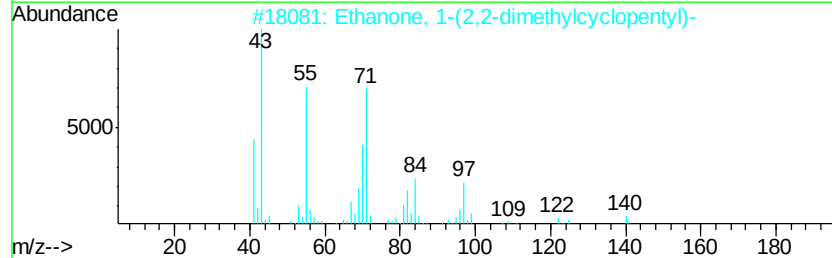
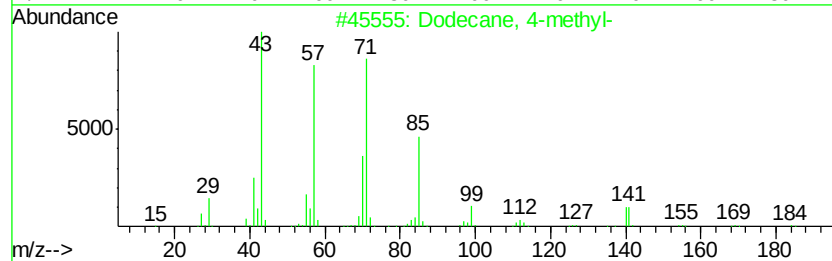
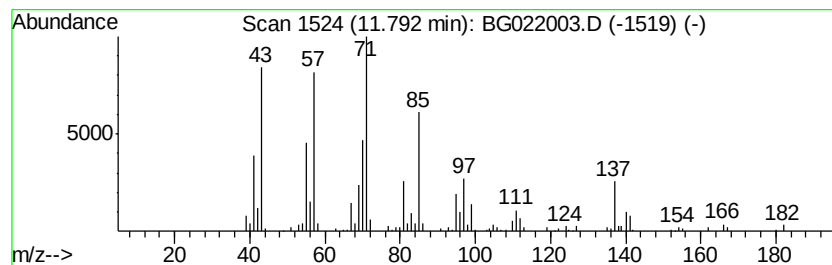
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	7.67 ng/ul	188672	Napthalene-d8	10.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 4-methyl-	184	C13H28	006117-97-1	58
2			Ethanone, 1-(2,2-dimethylcyclope...	140	C9H16O	003664-75-3	58
3			Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	53
4			Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	53
5			Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	50



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

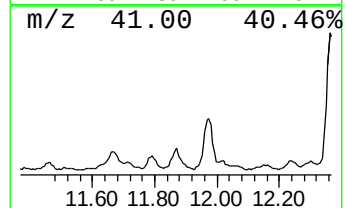
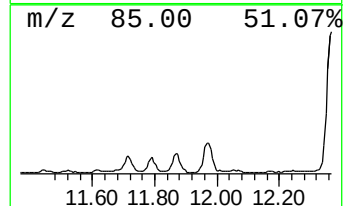
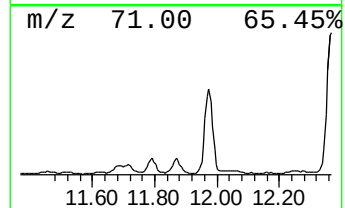
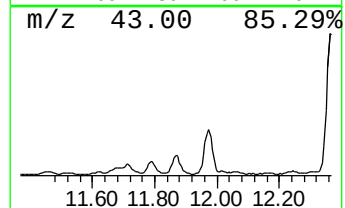
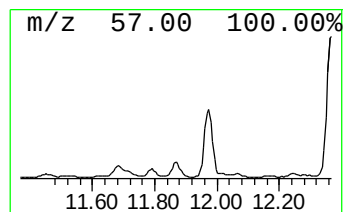
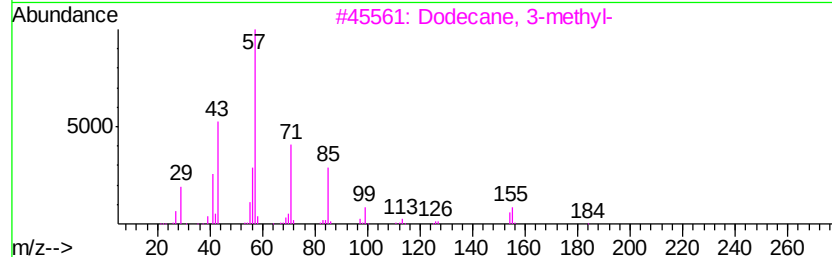
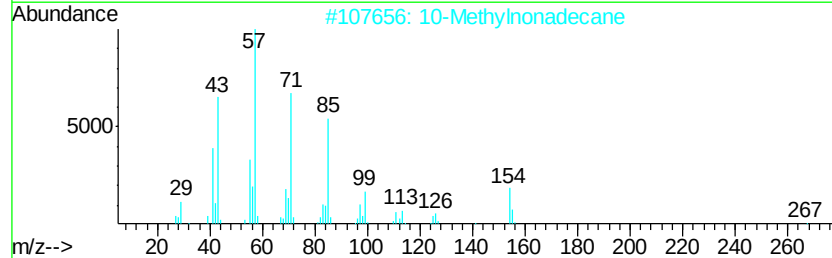
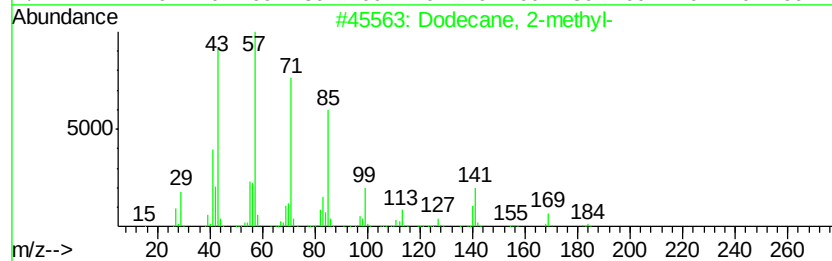
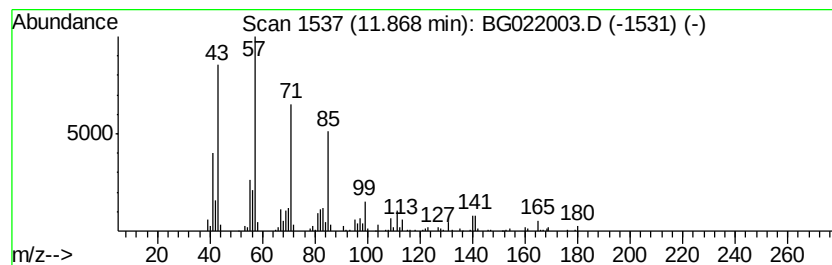
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 (DEL) Alkane: Branched11.87 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	11.60 ng/ul	285313	Napthalene-d8	10.98
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Dodecane, 2-methyl-	184 C13H28	001560-97-0 80
2		10-Methylnonadecane	282 C20H42	056862-62-5 72
3		Dodecane, 3-methyl-	184 C13H28	017312-57-1 64
4		Decane, 2,3,8-trimethyl-	184 C13H28	062238-14-6 59
5		1-Iodoundecane	282 C11H23I	004282-44-4 53



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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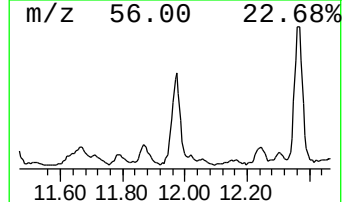
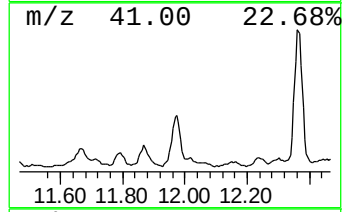
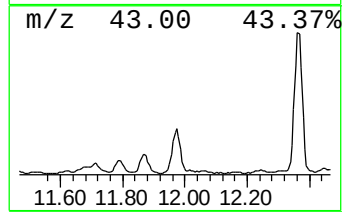
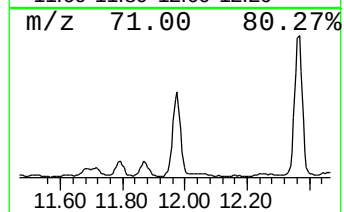
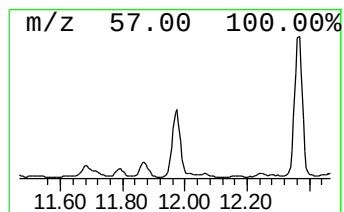
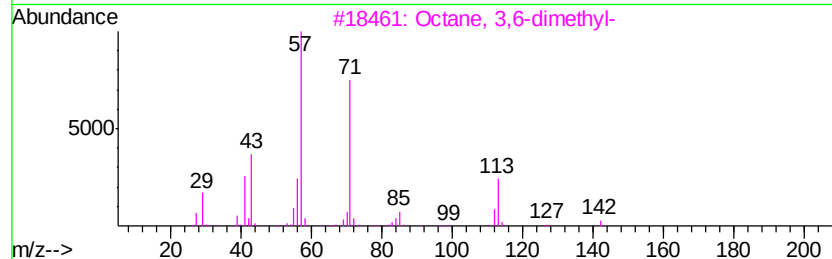
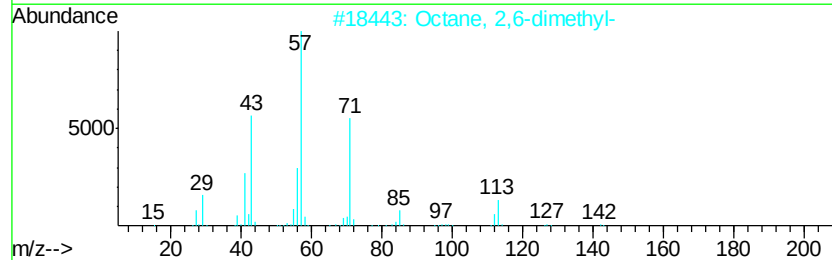
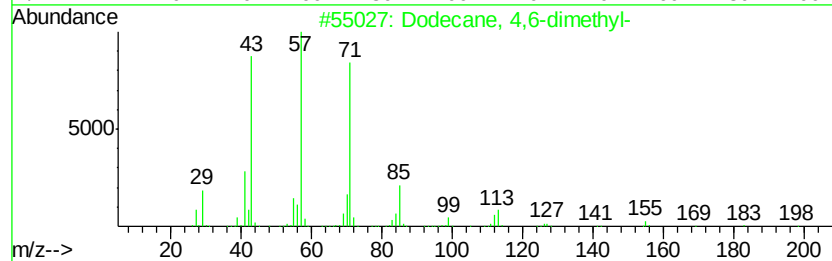
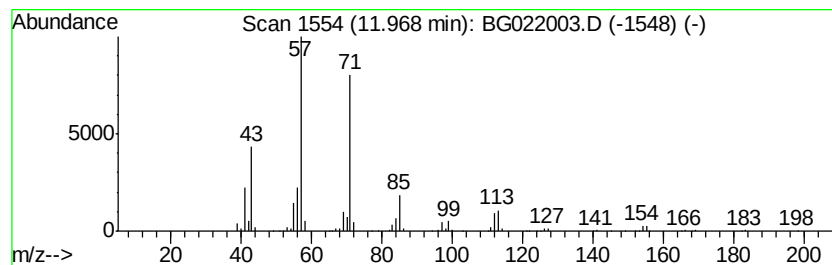
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	28.65 ng/ul	704576	Napthalene-d8	10.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	86
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
3		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
4		Tridecane, 5-propyl-	226	C16H34	055045-11-9	72
5		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
JHGF2

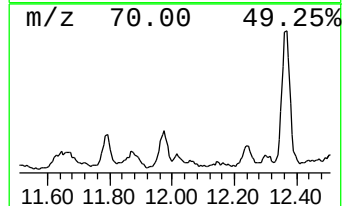
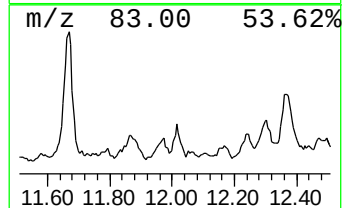
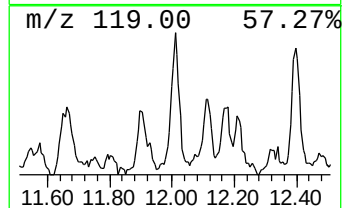
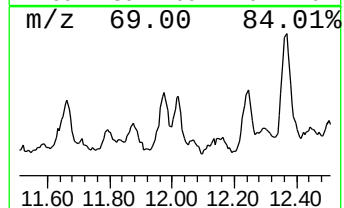
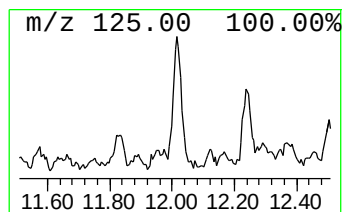
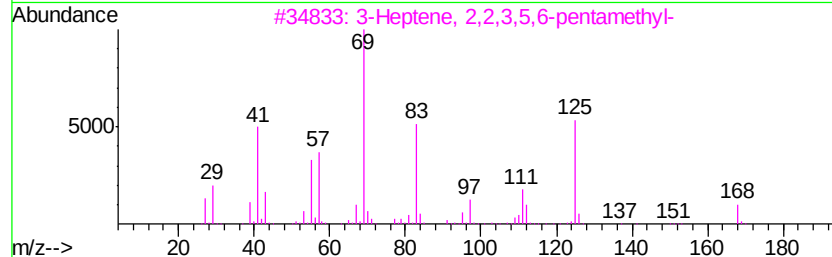
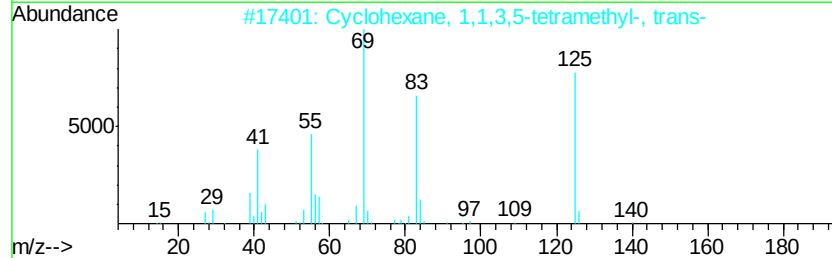
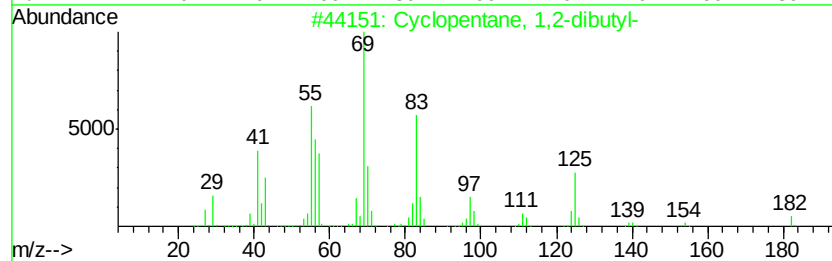
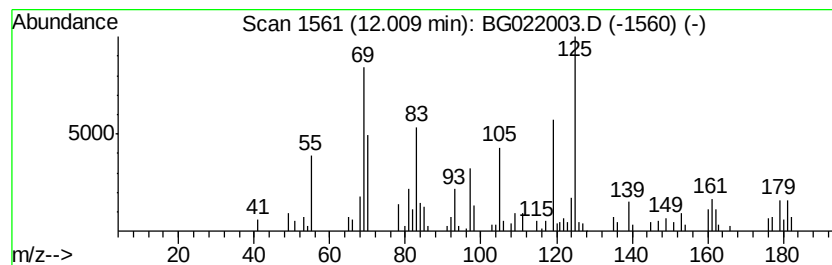
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 (DEL) Alkane: Cyclic12.01 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	3.34 ng/ul	82069	Napthalene-d8	10.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,2-dibutyl-	182	C13H26	062199-52-4	62
2		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	58
3		3-Heptene, 2,2,3,5,6-pentamethyl-	168	C12H24	116164-06-8	50
4		Cyclohexanecarboxylic acid, 4-pr...	368	C22H28N2O3	075941-67-2	47
5		2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	47



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHGF2

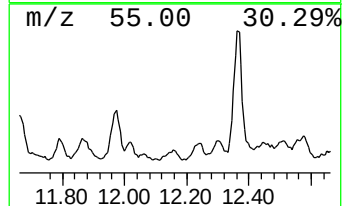
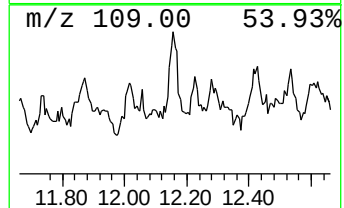
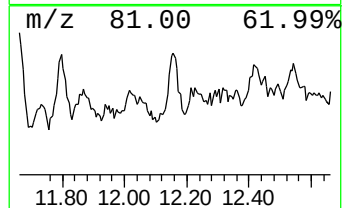
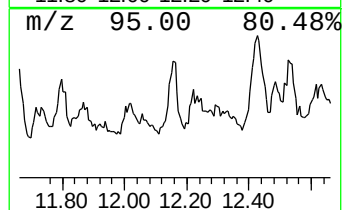
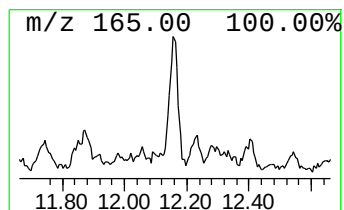
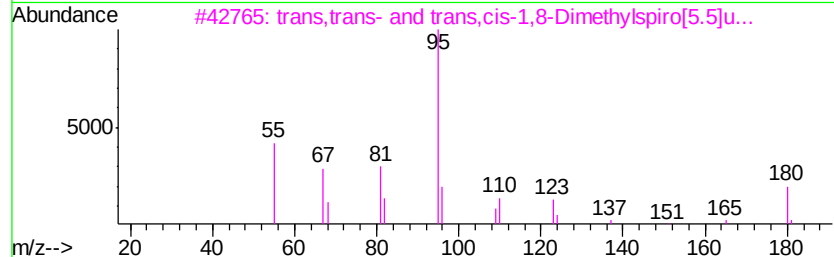
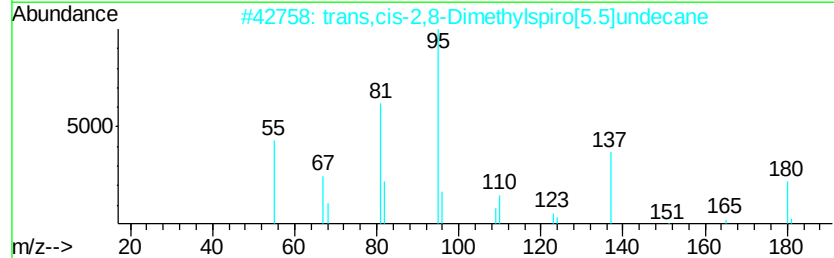
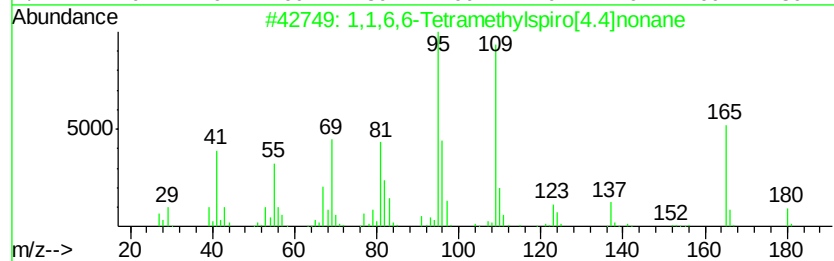
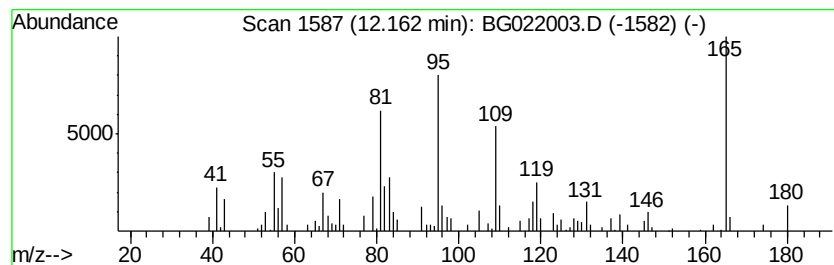
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 (DEL) Alkane: Branched12.16 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	3.64 ng/ul	89576	Napthalene-d8	10.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1,6,6-Tetramethylspiro[4.4]nonane	180	C13H24	074054-92-5	60
2		trans,cis-2,8-Dimethylspiro[5.5]...	180	C13H24	095472-52-9	42
3		trans,trans- and trans,cis-1,8-D...	180	C13H24	1000111-73-2	42
4		cis,cis- and cis,trans-1,9-dimet...	166	C12H22	1000111-72-5	38
5		trans,trans-2,8-Dimethylspiro[5....	180	C13H24	095530-76-0	30



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHGF2

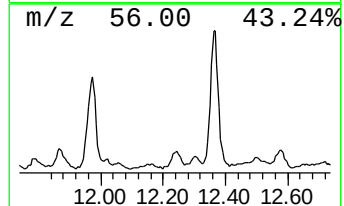
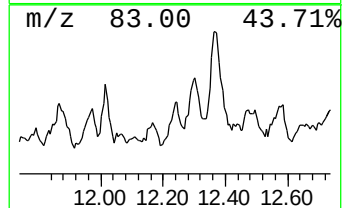
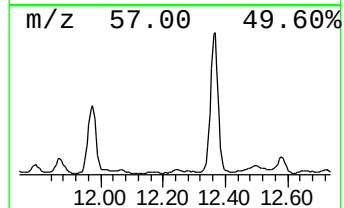
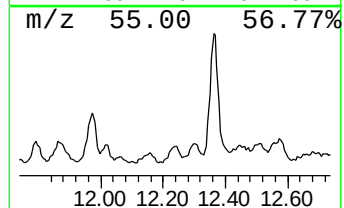
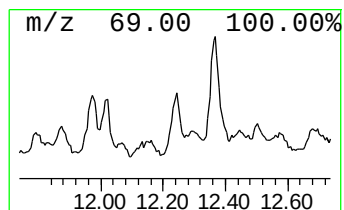
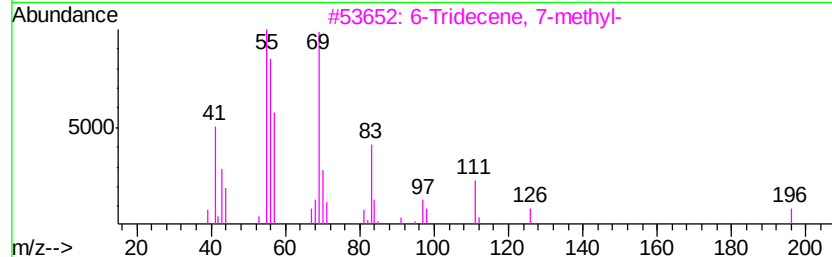
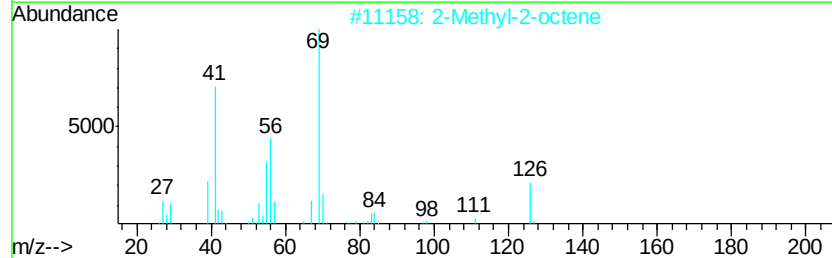
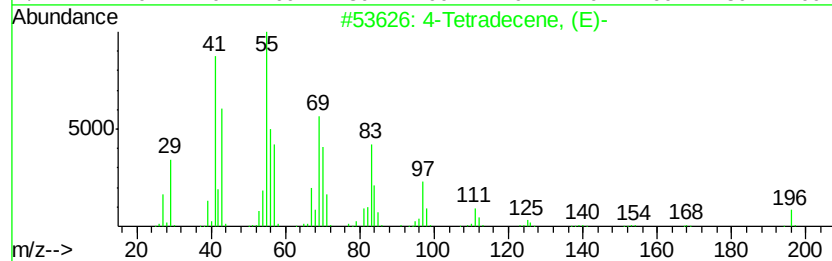
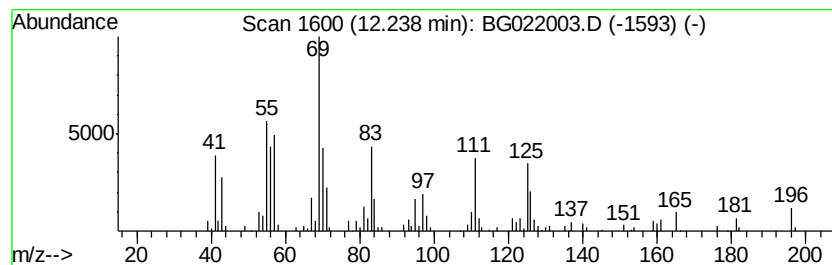
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	7.02 ng/ul	172559	Napthalene-d8	10.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Tetradecene, (E)-	196	C14H28	041446-78-0	60
2		2-Methyl-2-octene	126	C9H18	016993-86-5	46
3		6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	46
4		Cyclopentane, 1-butyl-2-ethyl-	154	C11H22	072993-32-9	46
5		7-Tetradecene	196	C14H28	010374-74-0	45



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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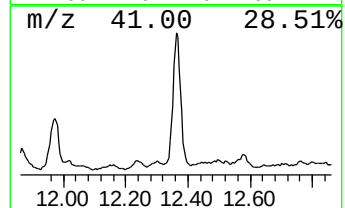
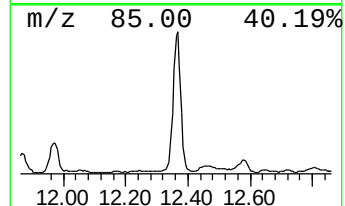
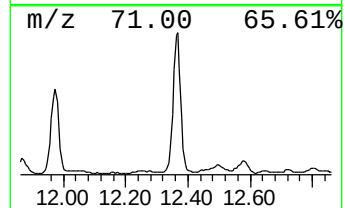
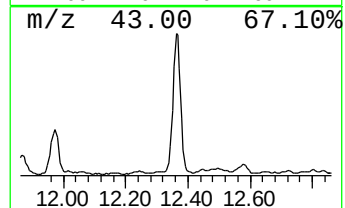
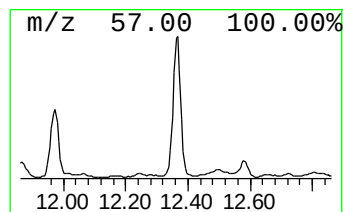
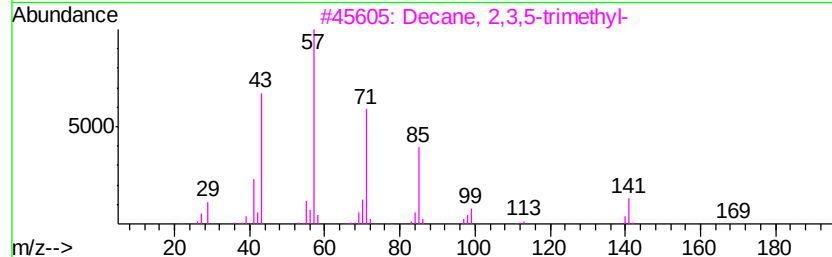
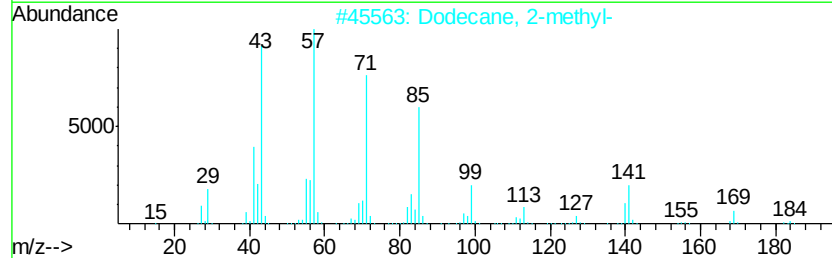
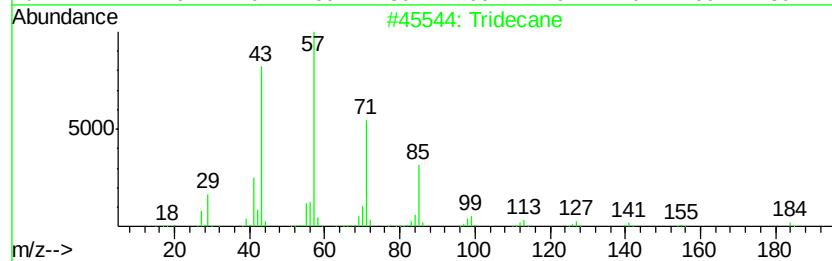
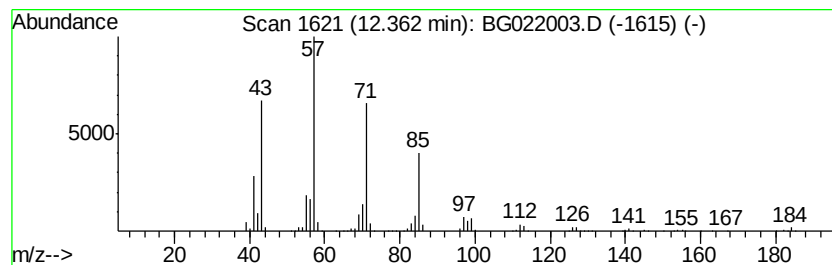
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 (DEL) Alkane: Branched12.36 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	61.29 ng/ul	1507100	Napthalene-d8	10.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	91
2		Dodecane, 2-methyl-	184	C13H28	001560-97-0	83
3		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
4		Tridecane	184	C13H28	000629-50-5	68
5		2,3-Dimethyldecane	170	C12H26	017312-44-6	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

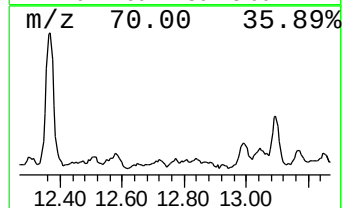
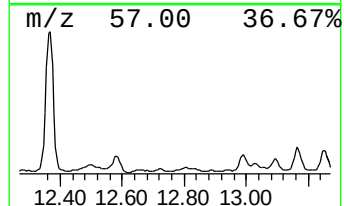
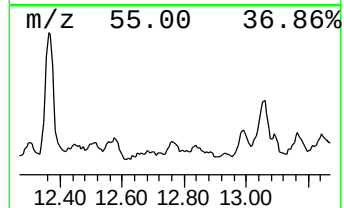
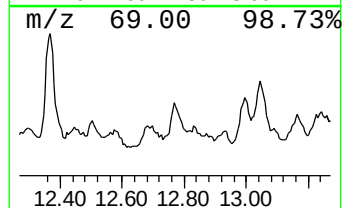
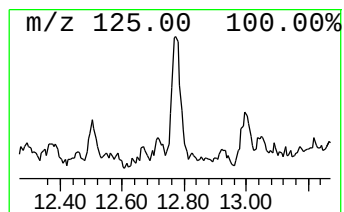
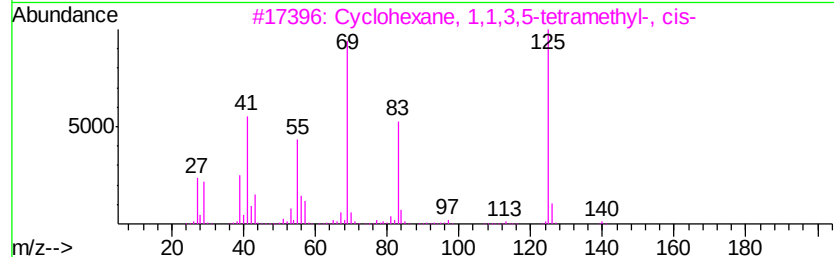
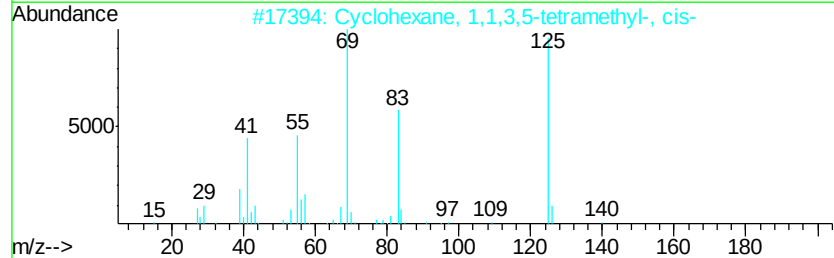
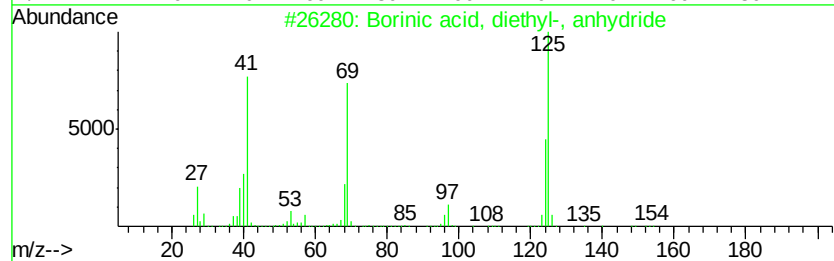
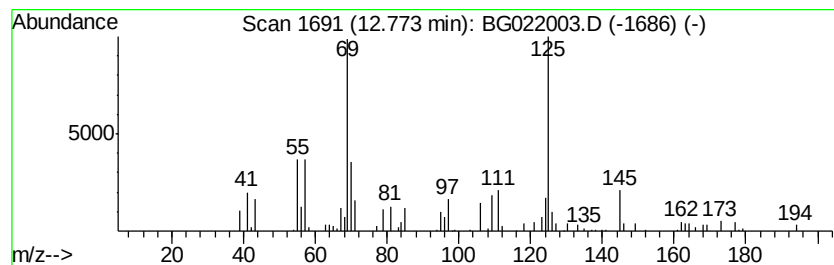
Instrument :
BNA_G
ClientSampleId :
JHGF2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 Borinic acid, diethyl-, anh... Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.77	2.36 ng/ul	57995	Napthalene-d8	10.98		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Borinic acid, diethyl-, anhydride	154	C8H20B2O	007318-84-5	53
2		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	52
3		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	49
4		1,6,6-Trimethyl-8-oxabicyclo[3.2...	168	C10H16O2	1000185-44-5	43
5		Cyclohexanecarboxylic acid, 4-pr...	340	C20H24N2O3	133856-82-3	40



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHGF2

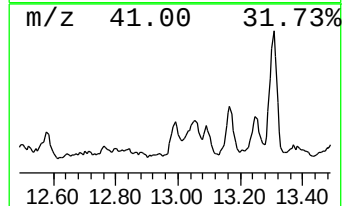
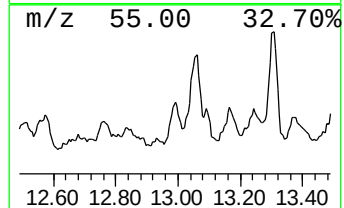
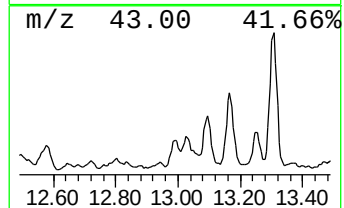
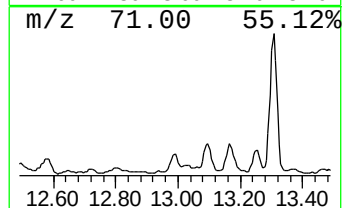
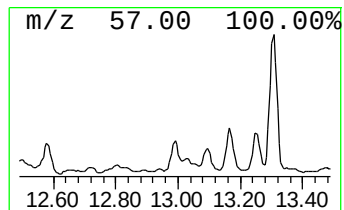
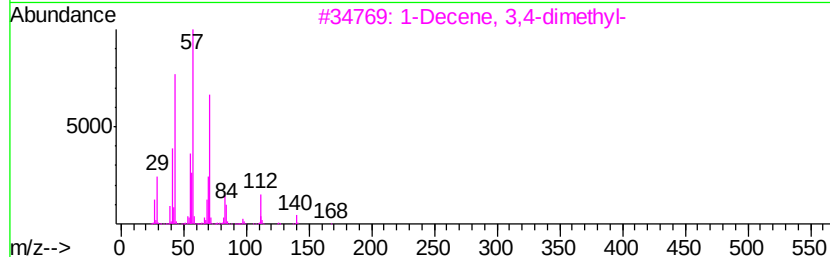
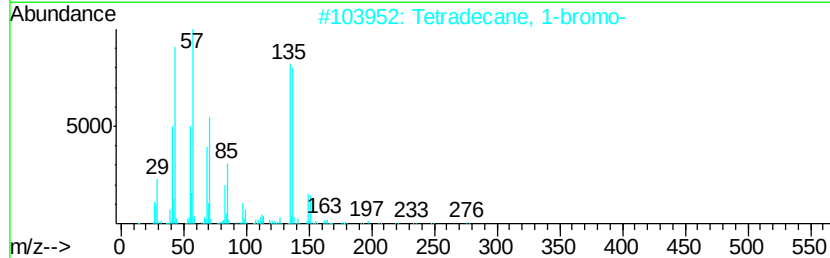
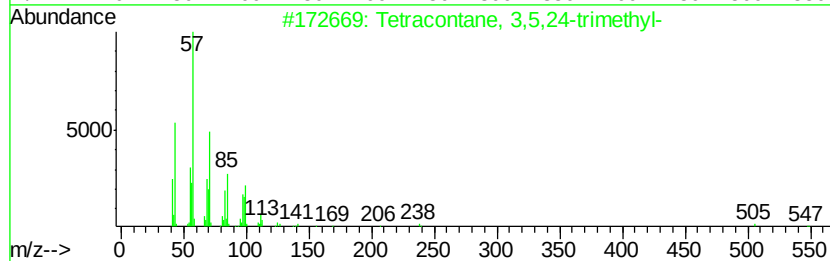
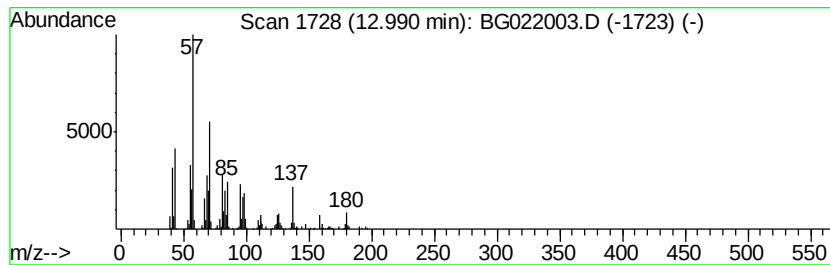
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	8.26 ng/ul	274984	Acenaphthene-d10	14.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	72
2		Tetradecane, 1-bromo-	276	C14H29Br	000112-71-0	50
3		1-Decene, 3,4-dimethyl-	168	C12H24	050871-03-9	43
4		Undecane	156	C11H24	001120-21-4	38
5		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	35



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
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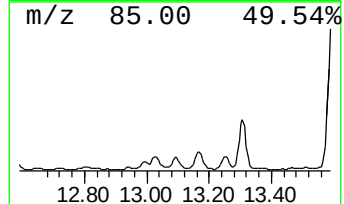
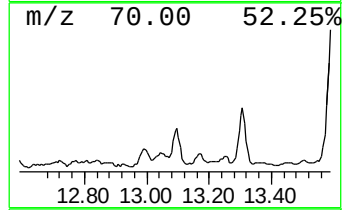
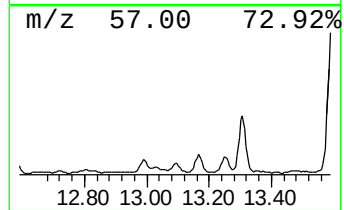
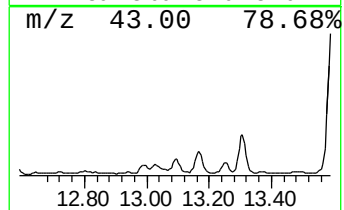
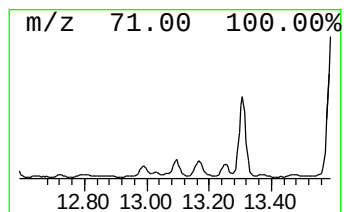
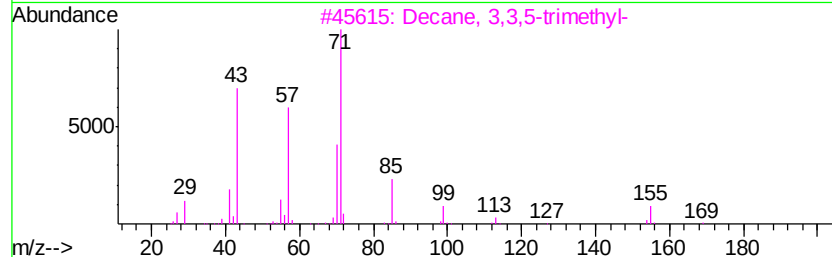
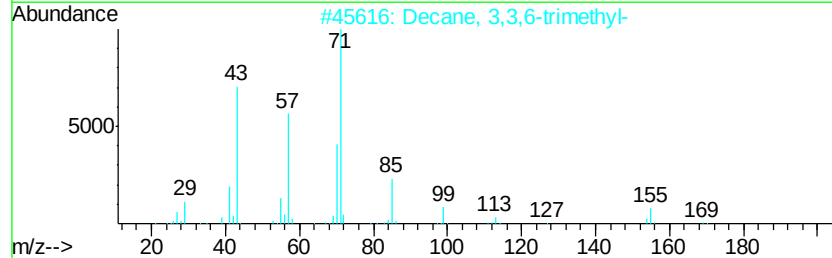
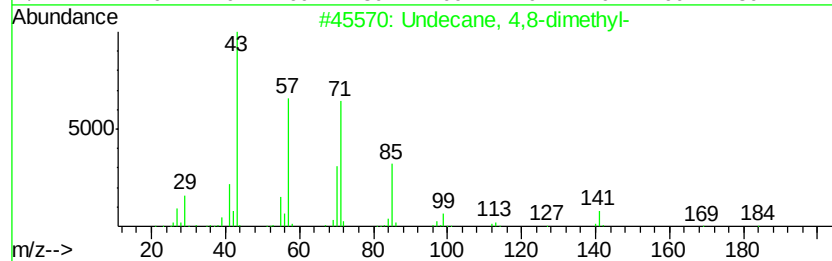
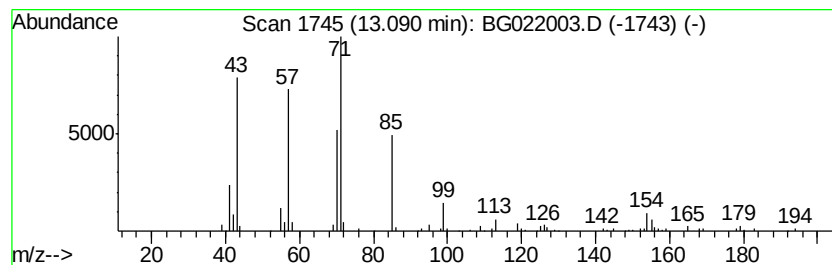
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	4.38 ng/ul	145737	Acenaphthene-d10	14.79
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane, 4,8-dimethyl-	184 C13H28	017301-33-6	72
2	Decane, 3,3,6-trimethyl-	184 C13H28	062338-14-1	59
3	Decane, 3,3,5-trimethyl-	184 C13H28	062338-13-0	59
4	Decane, 2,3,4-trimethyl-	184 C13H28	062238-15-7	53
5	Undecane, 2,9-dimethyl-	184 C13H28	017301-26-7	43



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHGF2

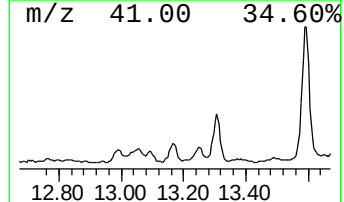
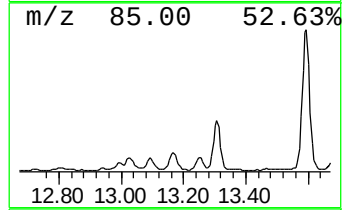
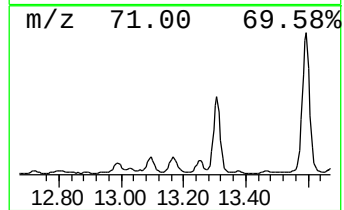
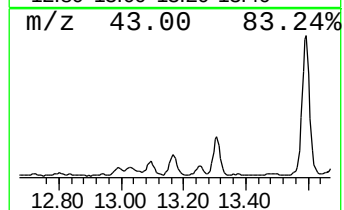
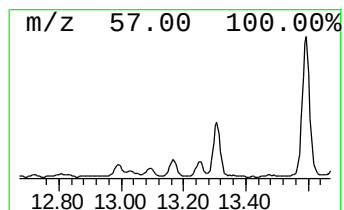
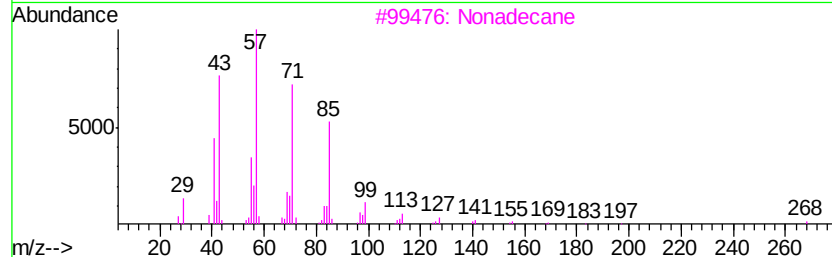
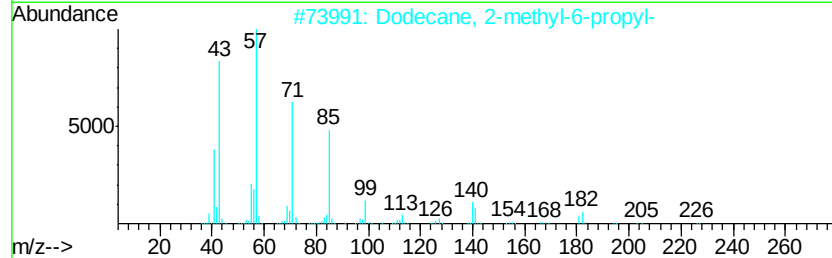
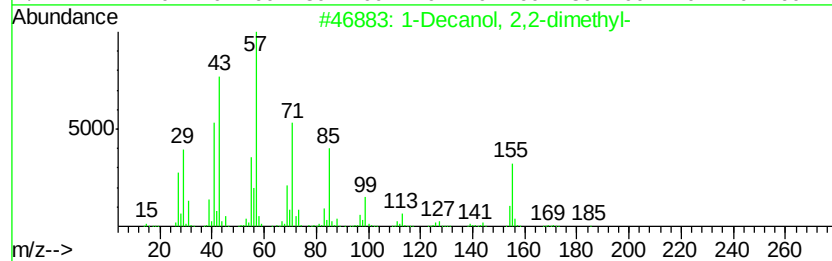
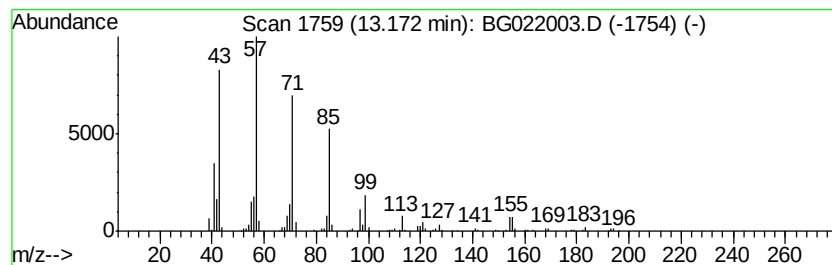
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 1-Decanol, 2,2-dimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	7.28 ng/ul	242245	Acenaphthene-d10	14.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Decanol, 2,2-dimethyl-	186	C12H26O	002370-15-2	72
2		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
3		Nonadecane	268	C19H40	000629-92-5	72
4		Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	59
5		Tridecane, 2-methyl-	198	C14H30	001560-96-9	59



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHGF2

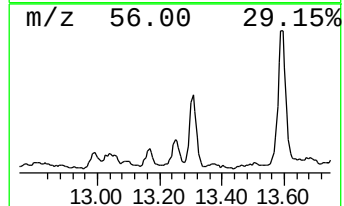
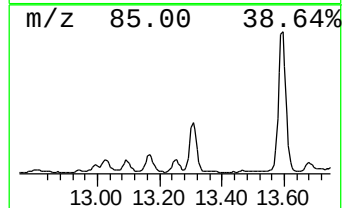
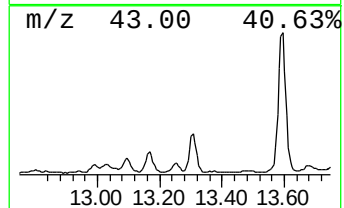
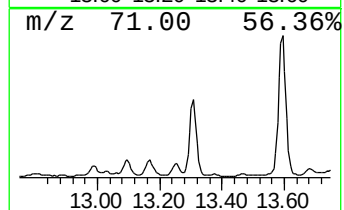
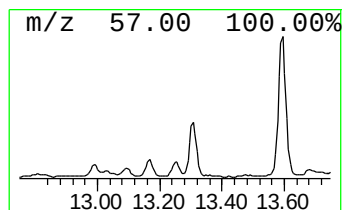
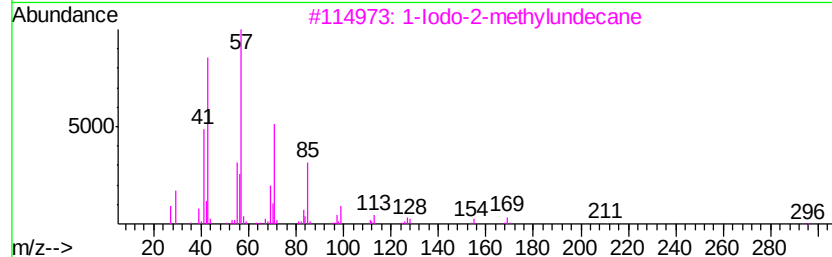
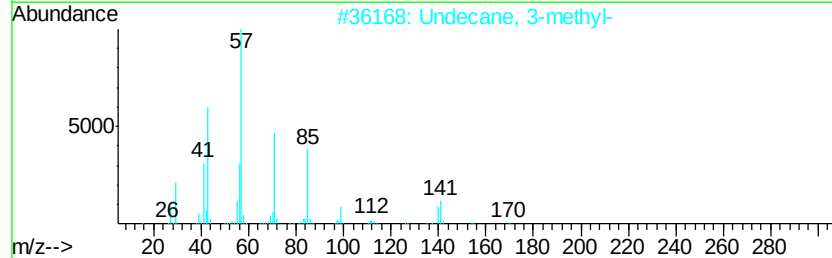
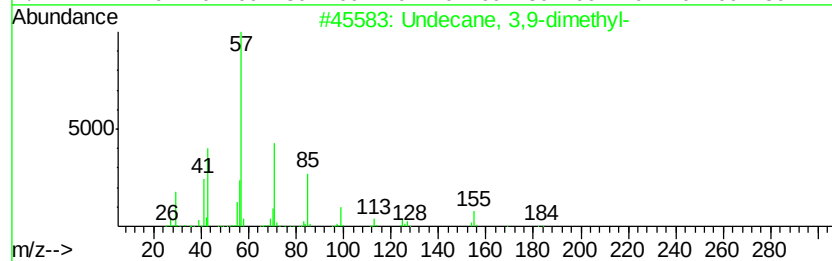
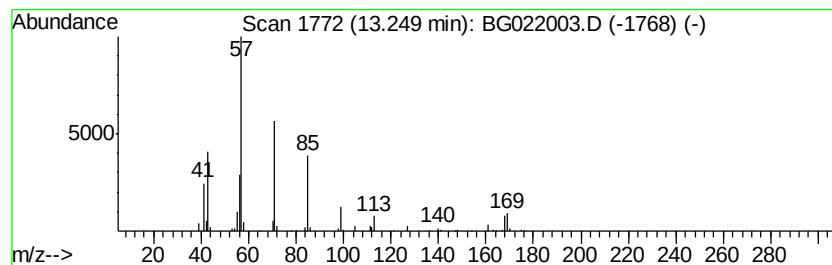
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	6.19 ng/ul	206206	Acenaphthene-d10	14.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	72
2			Undecane, 3-methyl-	170	C12H26	001002-43-3	72
3			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72
4			Dodecane, 3-methyl-	184	C13H28	017312-57-1	72
5			Eicosane	282	C20H42	000112-95-8	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHGF2

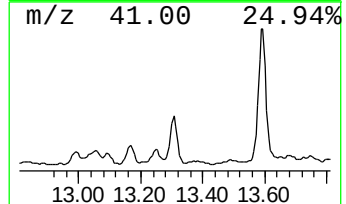
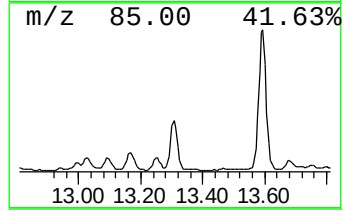
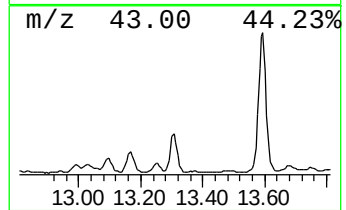
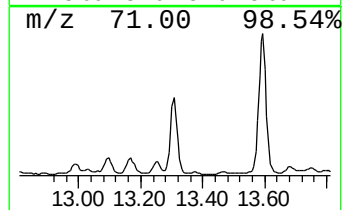
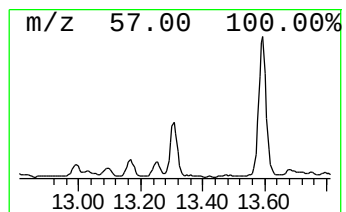
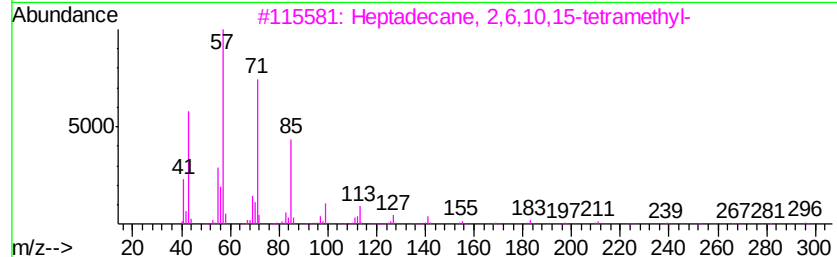
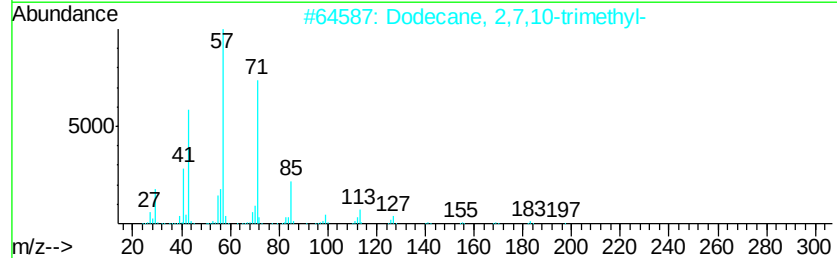
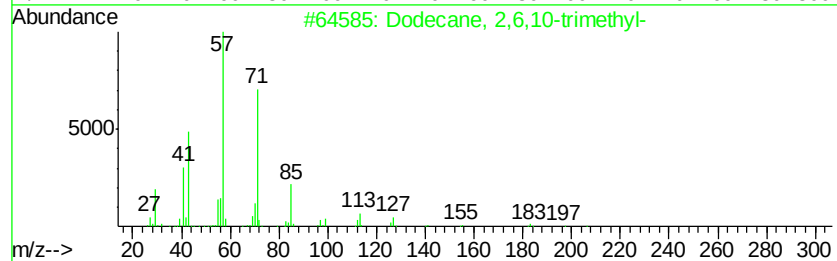
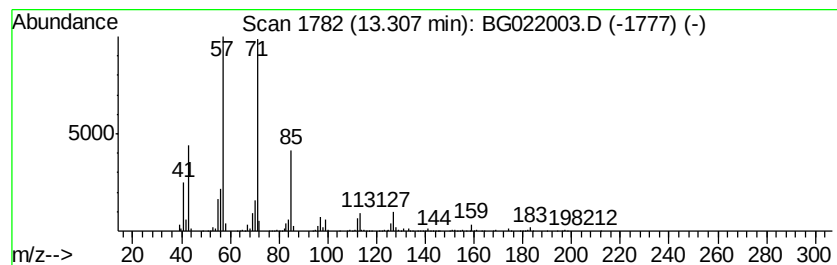
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 (DEL) Alkane: Cyclic13.31 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	24.79 ng/ul	825457	Acenaphthene-d10	14.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	78
4		Nonane, 5-butyl-	184	C13H28	017312-63-9	74
5		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	62



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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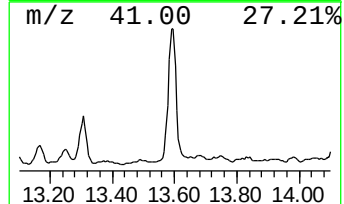
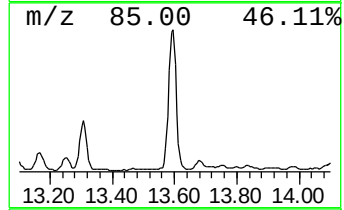
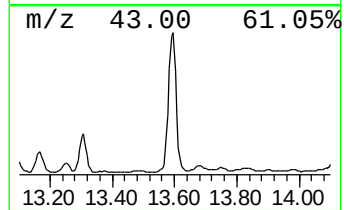
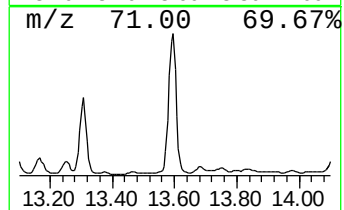
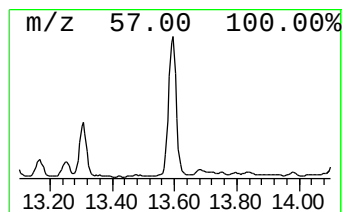
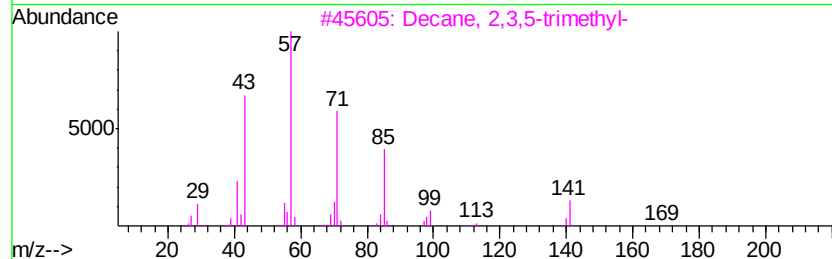
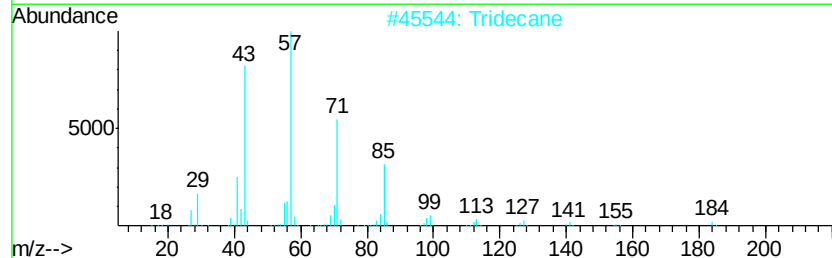
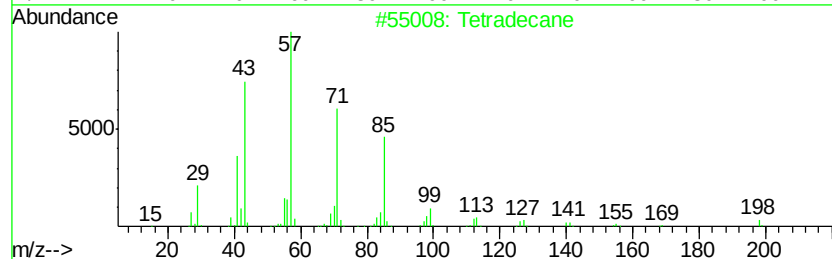
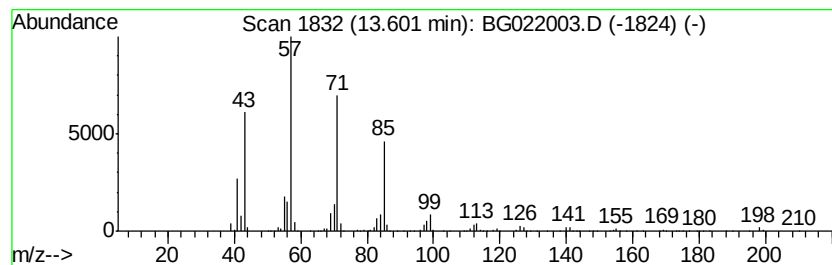
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	64.17 ng/ul	2136450	Acenaphthene-d10	14.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	91
2		Tridecane	184	C13H28	000629-50-5	90
3		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
4		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	86
5		Hexadecane	226	C16H34	000544-76-3	83



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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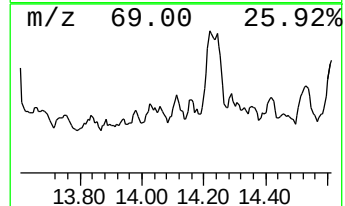
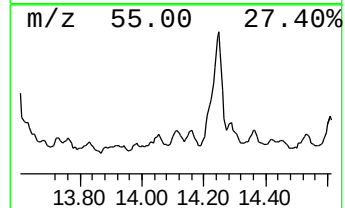
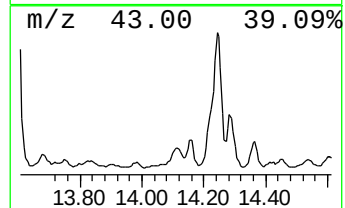
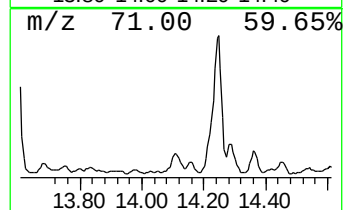
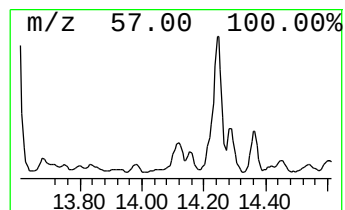
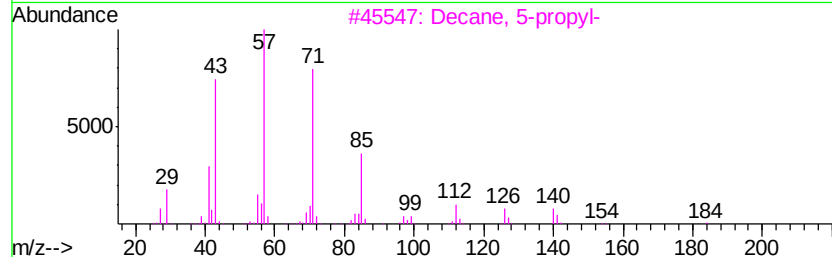
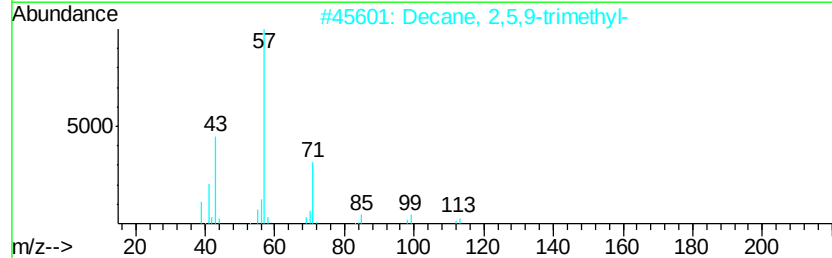
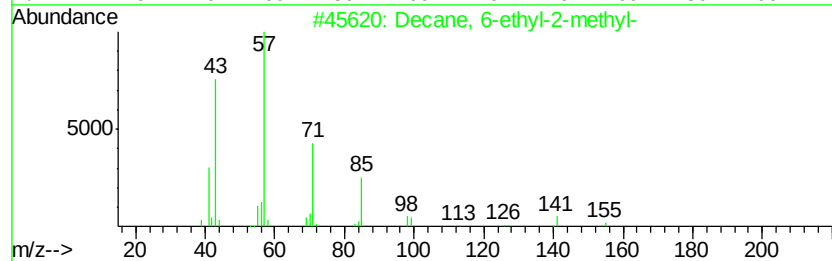
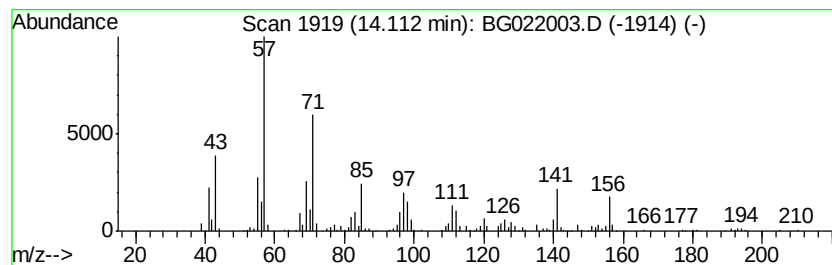
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.11	6.76 ng/ul	224989	Acenaphthene-d10	14.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	38
2			Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	38
3			Decane, 5-propyl-	184	C13H28	017312-62-8	38
4			Hexadecane	226	C16H34	000544-76-3	38
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	27



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

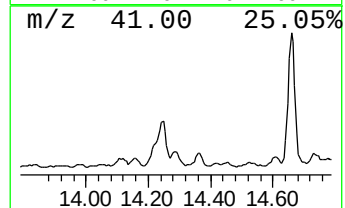
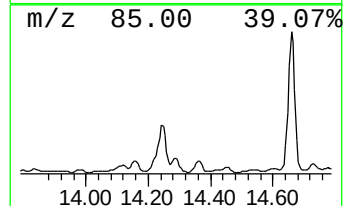
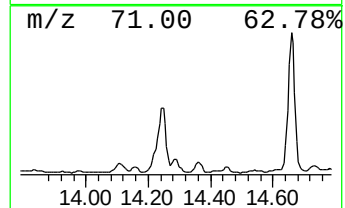
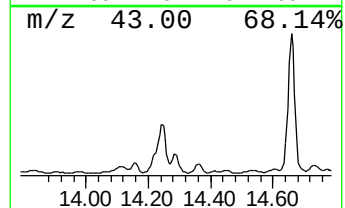
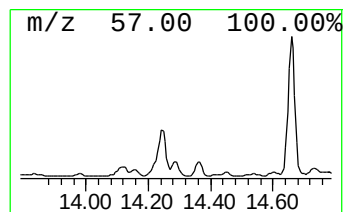
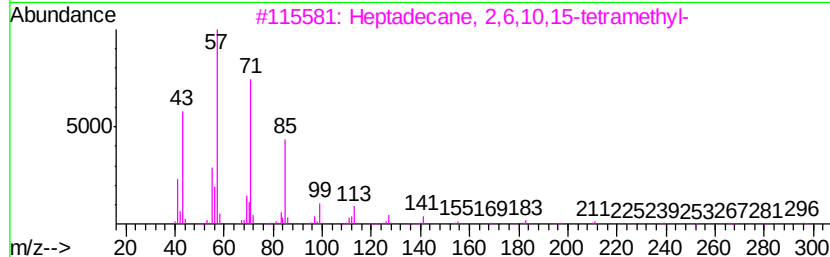
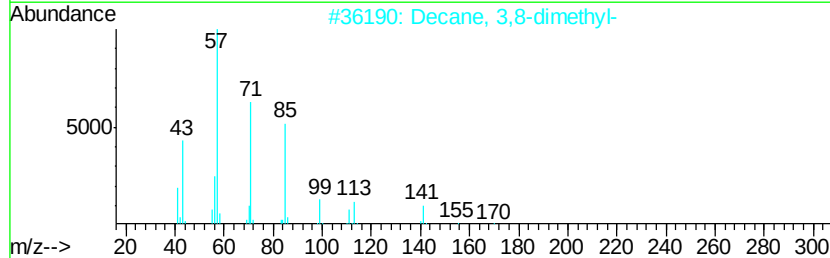
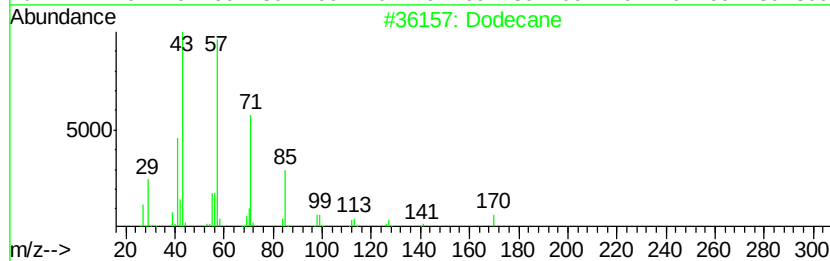
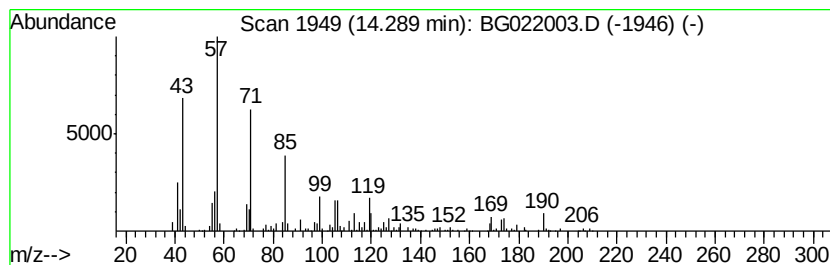
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD		R.T.		
14.29	9.54 ng/ul	317565	Acenaphthene-d10		14.79		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	76
2			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	68
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
4			Octane, 2-methyl-	128	C9H20	003221-61-2	62
5			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	59



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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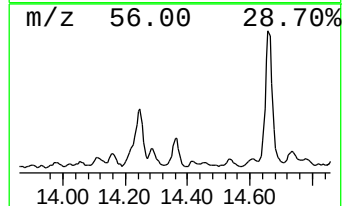
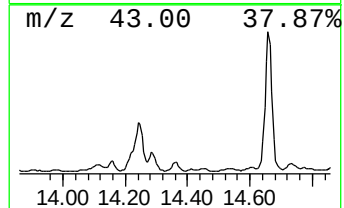
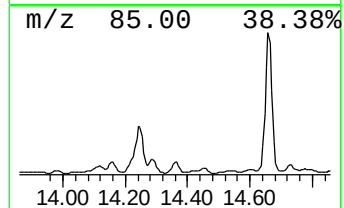
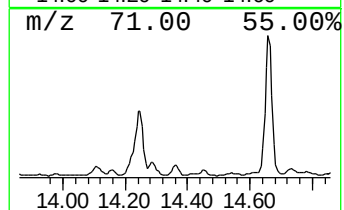
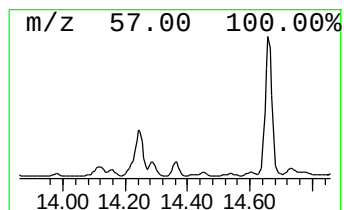
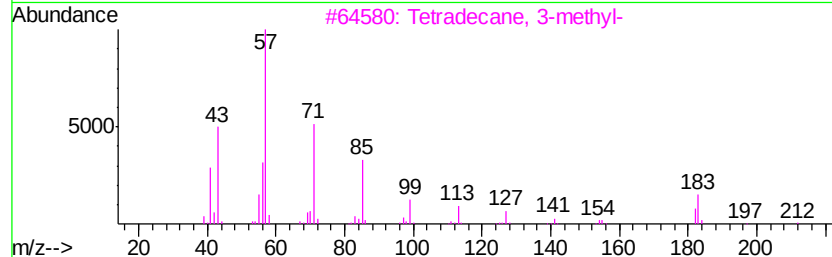
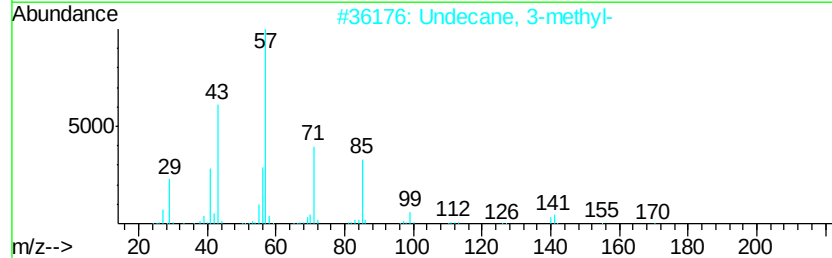
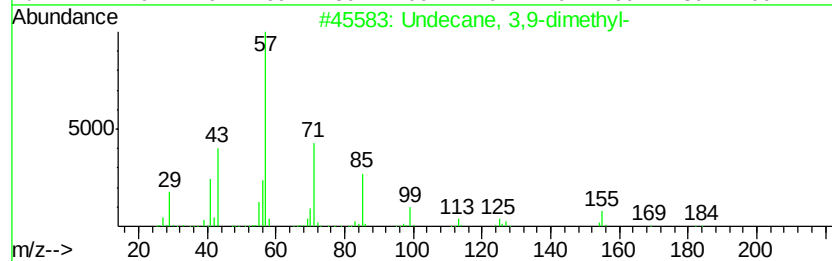
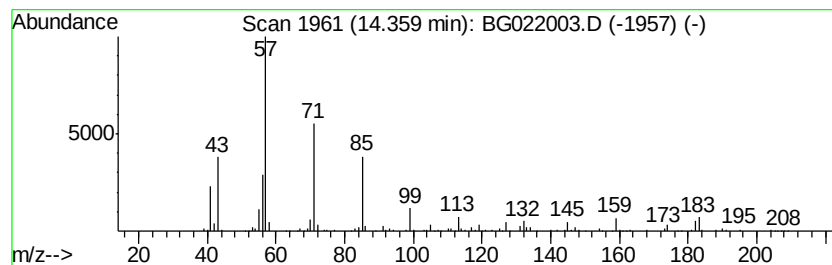
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	5.95 ng/ul	197966	Acenaphthene-d10	14.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	64
2			Undecane, 3-methyl-	170	C12H26	001002-43-3	64
3			Tetradecane, 3-methyl-	212	C15H32	018435-22-8	59
4			Dodecane, 3-methyl-	184	C13H28	017312-57-1	53
5			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	43



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHGF2

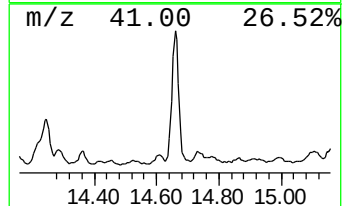
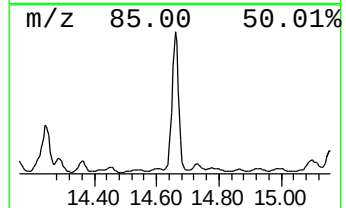
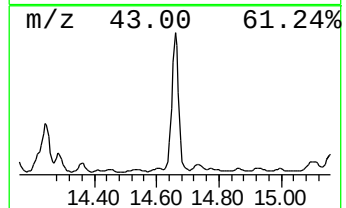
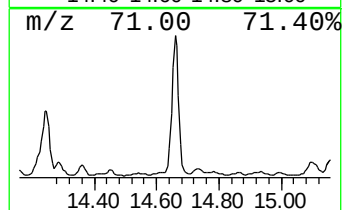
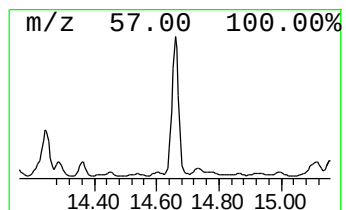
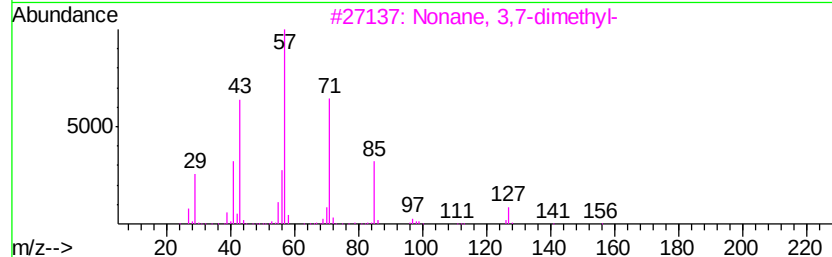
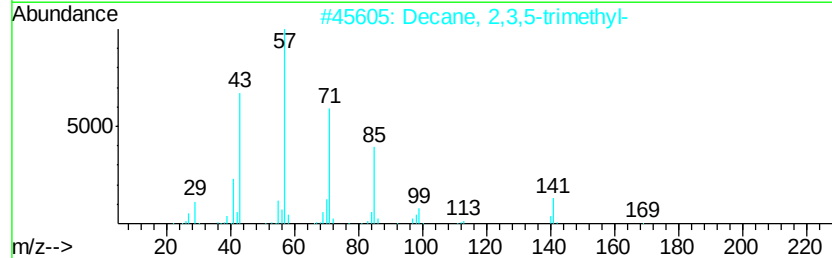
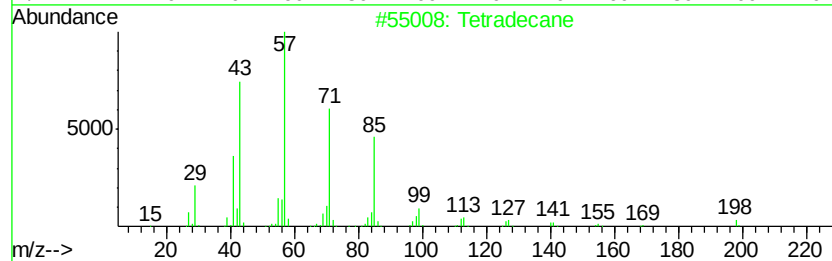
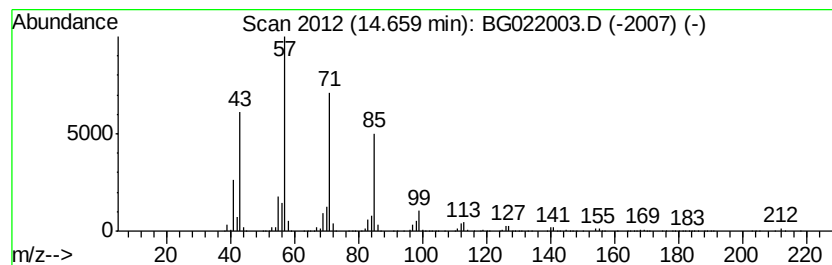
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	74.33 ng/ul	2474760	Acenaphthene-d10	14.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	90
2		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
3		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74
4		Eicosane	282	C20H42	000112-95-8	72
5		Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

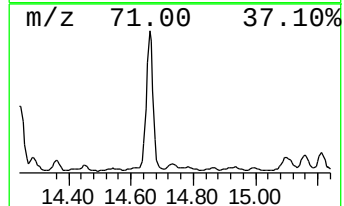
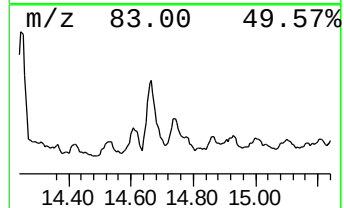
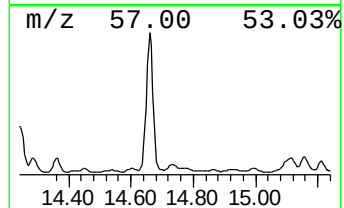
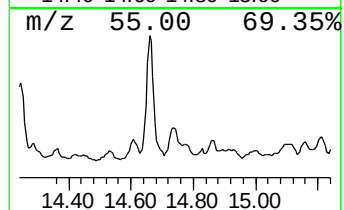
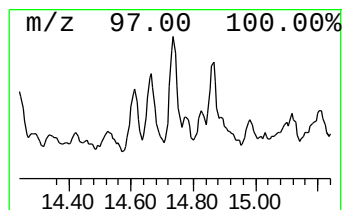
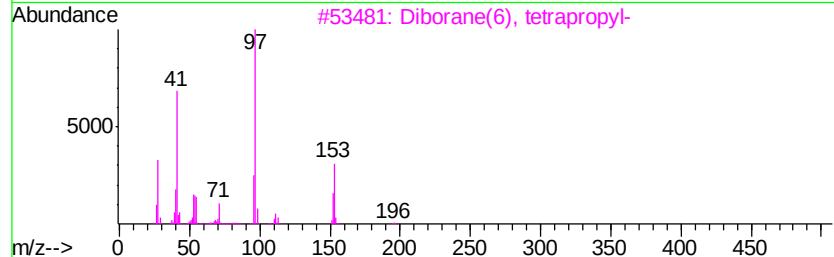
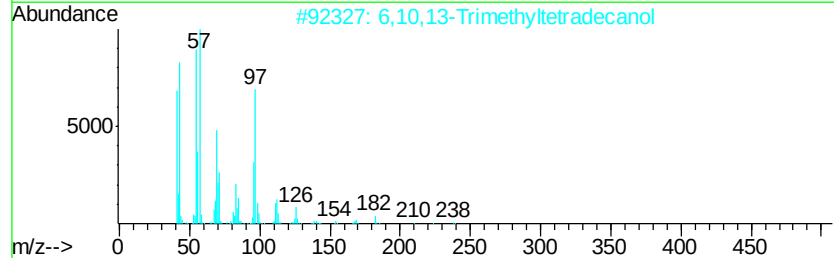
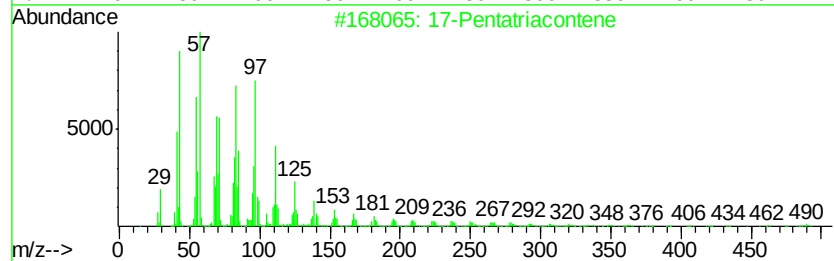
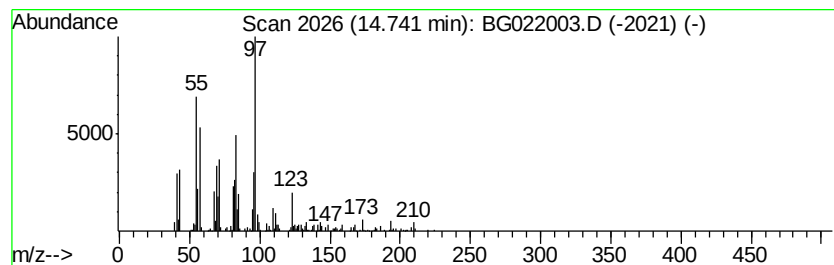
Instrument :
BNA_G
ClientSampleId :
JHGF2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 41 (DEL) Alkane: Cyclic14.74 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	9.41 ng/ul	313160	Acenaphthene-d10	14.79
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0 47
2	6,10,13-Trimethyltetradecanol	256	C17H36O	1000131-71-0 35
3	Diborane(6), tetrapropyl-	196	C12H30B2	022784-01-6 35
4	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3 35
5	Undecane	156	C11H24	001120-21-4 35



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

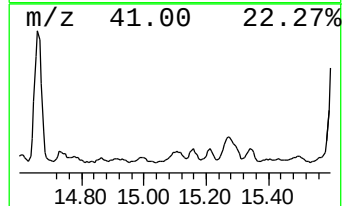
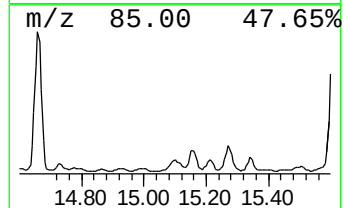
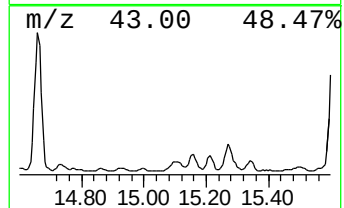
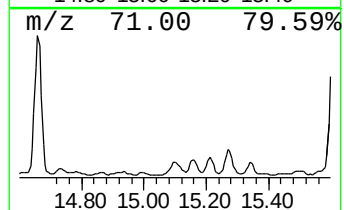
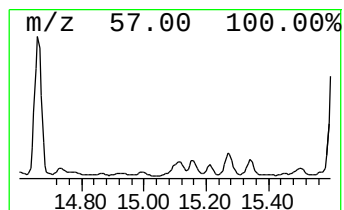
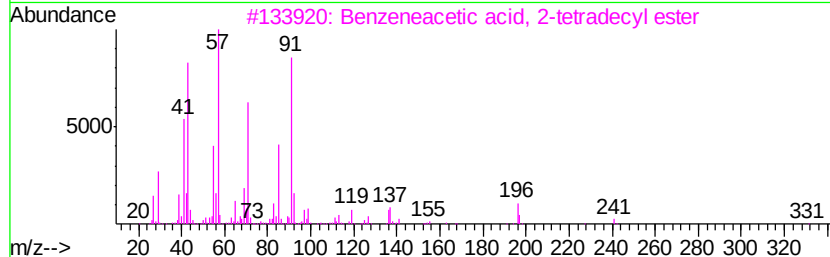
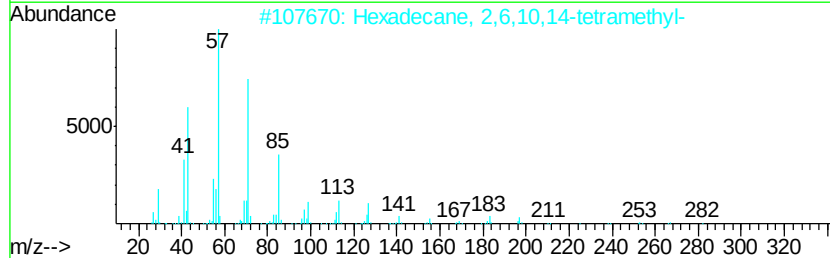
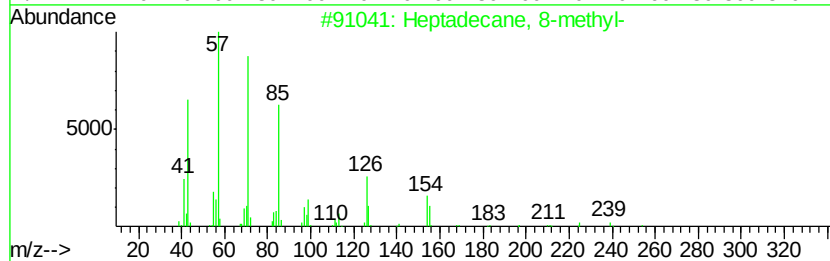
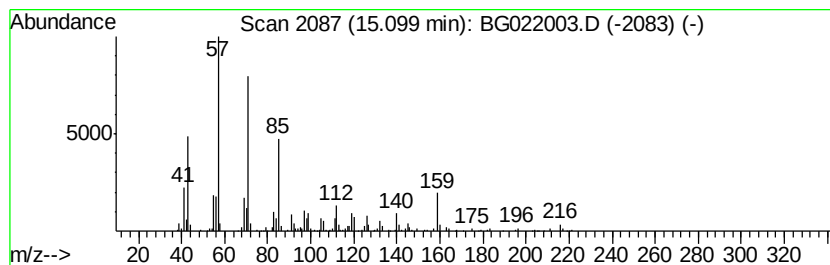
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BNA_G
ClientSampleId :
JHGF2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	8.63 ng/ul	287292	Acenaphthene-d10	14.79
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Heptadecane, 8-methyl-	254 C18H38	013287-23-5 64
2		Hexadecane, 2,6,10,14-tetramethyl-	282 C20H42	000638-36-8 59
3		Benzeneacetic acid, 2-tetradecyl...	332 C22H36O2	1000282-02-4 59
4		Heptadecane, 2,6-dimethyl-	268 C19H40	054105-67-8 53
5		Tetracosane	338 C24H50	000646-31-1 53



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHGF2

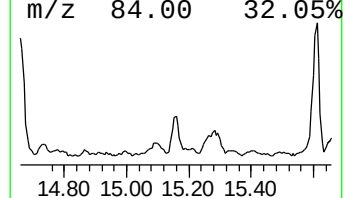
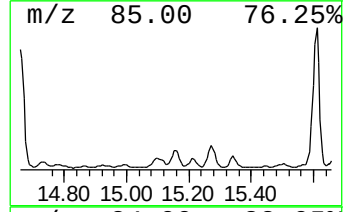
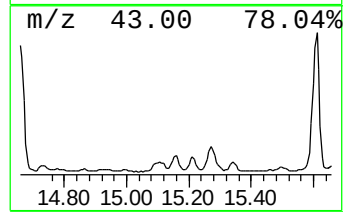
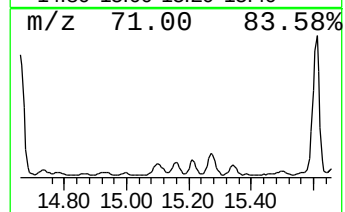
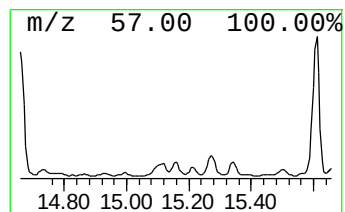
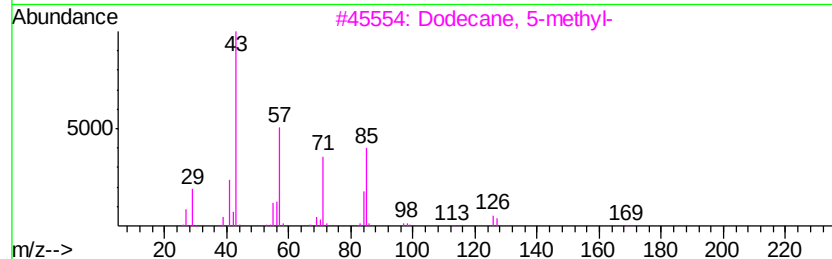
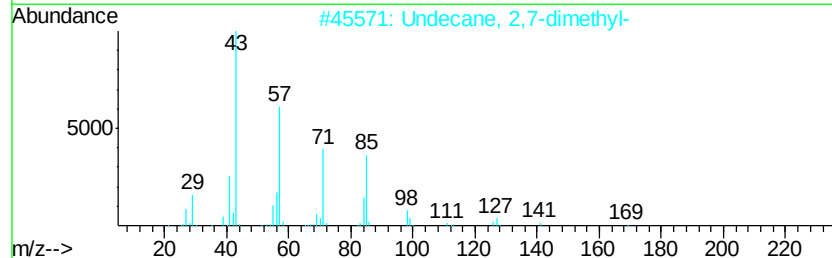
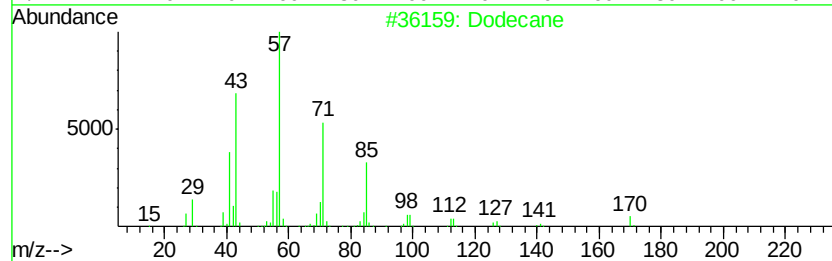
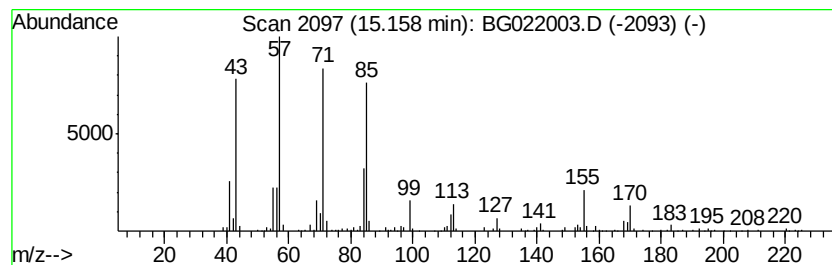
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	10.79 ng/ul	359406	Acenaphthene-d10	14.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	83
2		Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	64
3		Dodecane, 5-methyl-	184	C13H28	017453-93-9	64
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	59
5		Hexadecane	226	C16H34	000544-76-3	59



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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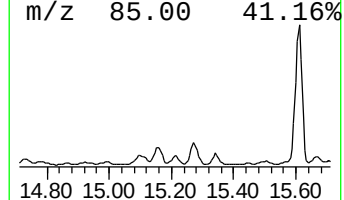
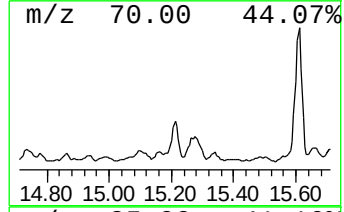
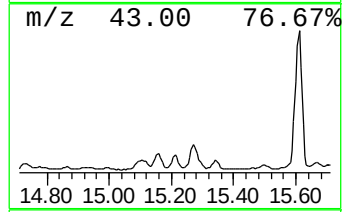
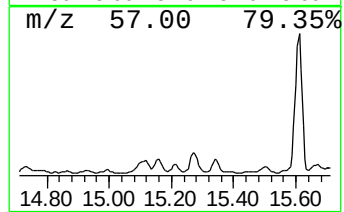
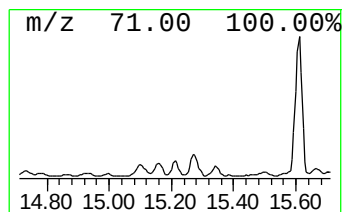
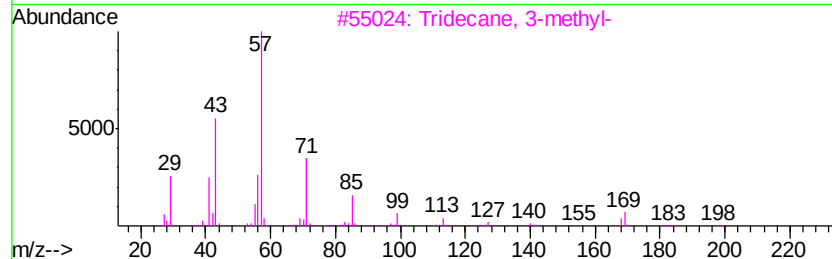
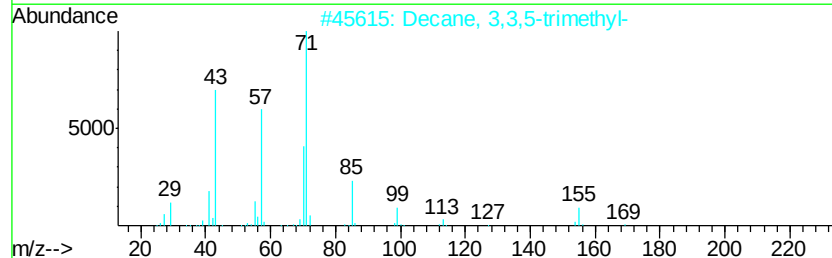
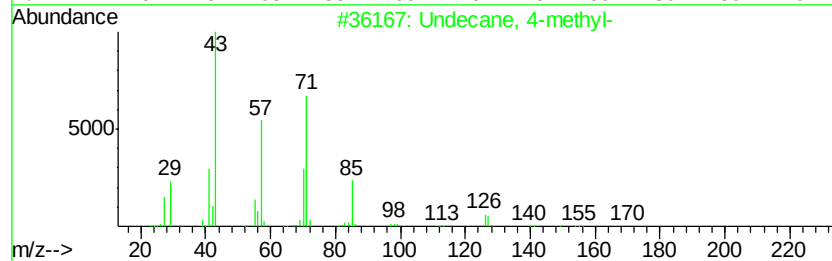
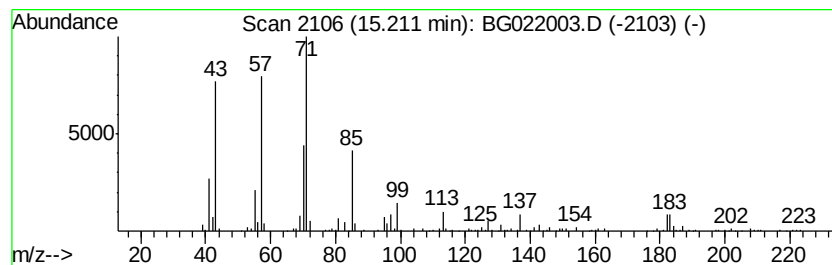
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.21	7.24 ng/ul	241197	Acenaphthene-d10	14.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 4-methyl-	170	C12H26	002980-69-0	72
2			Decane, 3,3,5-trimethyl-	184	C13H28	062338-13-0	64
3			Tridecane, 3-methyl-	198	C14H30	006418-41-3	52
4			Decane, 2,8,8-trimethyl-	184	C13H28	1000060-81-2	50
5			1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	50



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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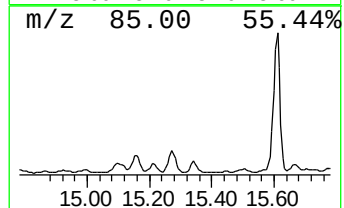
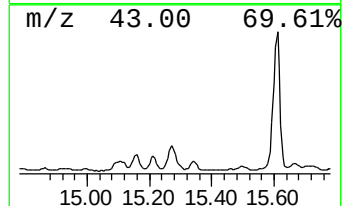
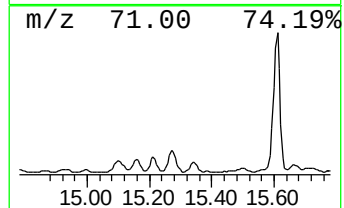
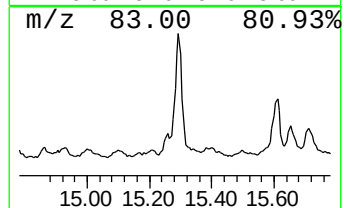
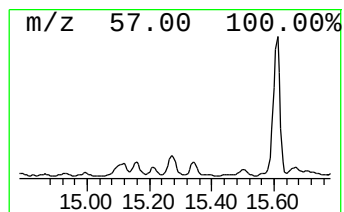
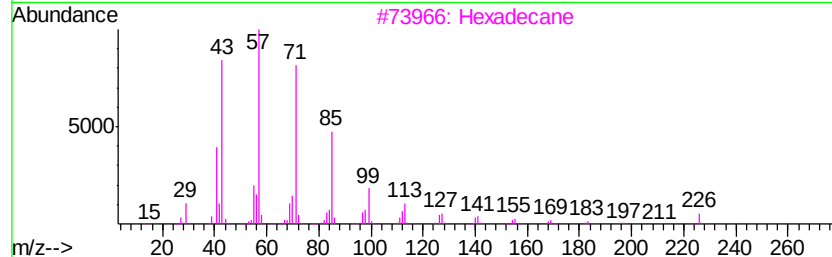
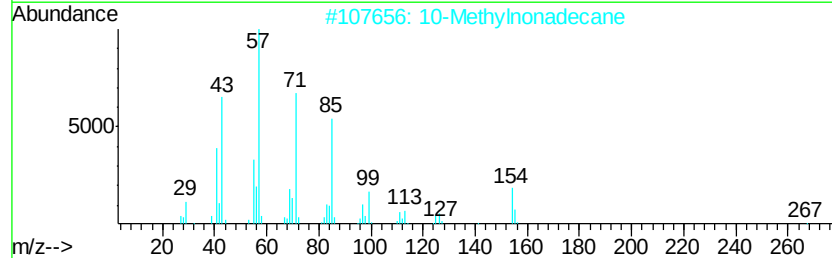
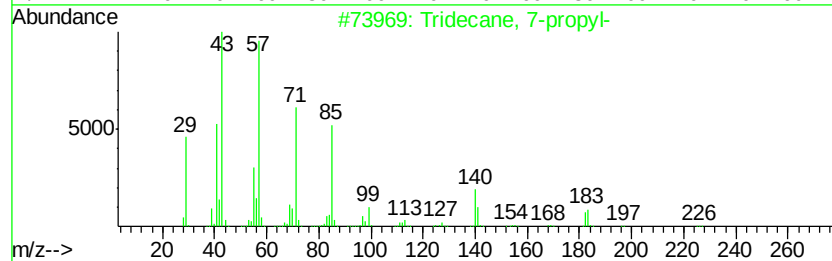
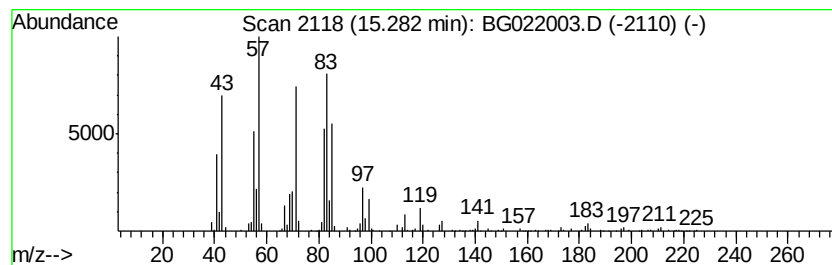
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.28	28.08 ng/ul	934986	Acenaphthene-d10	14.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	90
2		10-Methylnonadecane	282	C20H42	056862-62-5	87
3		Hexadecane	226	C16H34	000544-76-3	87
4		Heneicosane	296	C21H44	000629-94-7	87
5		Tetratetracontane	619	C44H90	007098-22-8	86



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

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ClientSampleId :
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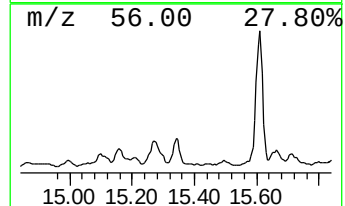
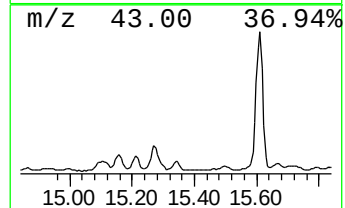
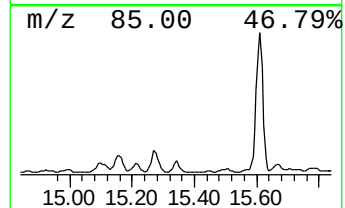
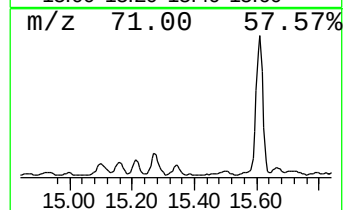
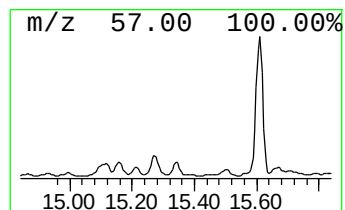
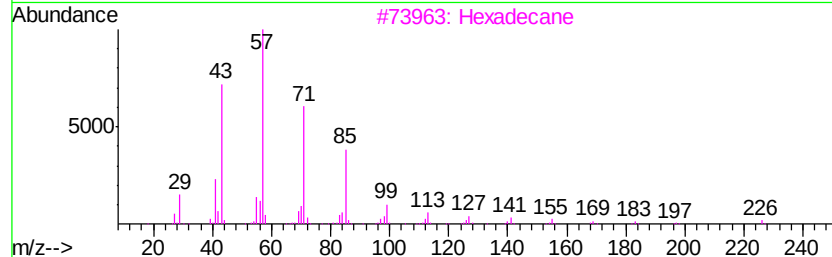
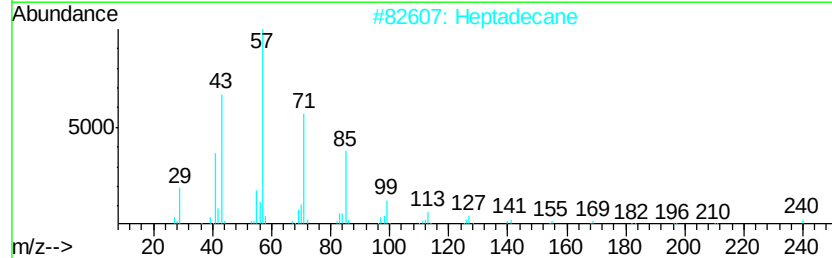
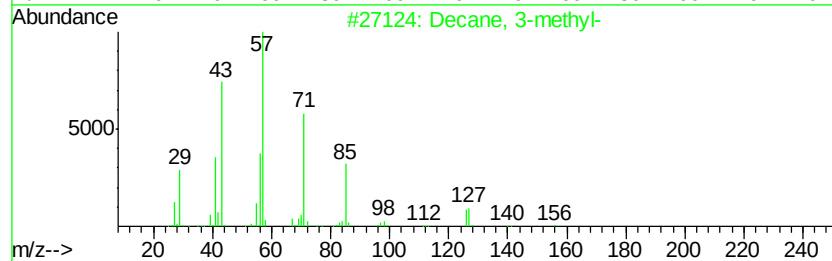
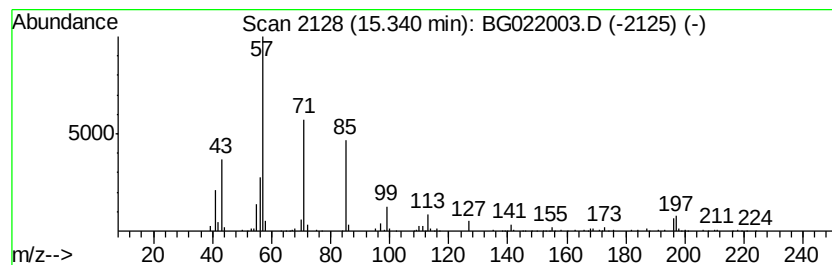
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	7.21 ng/ul	239916	Acenaphthene-d10	14.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3-methyl-	156	C11H24	013151-34-3	74
2		Heptadecane	240	C17H36	000629-78-7	72
3		Hexadecane	226	C16H34	000544-76-3	72
4		Octadecane	254	C18H38	000593-45-3	72
5		Undecane, 3-methyl-	170	C12H26	001002-43-3	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHGF2

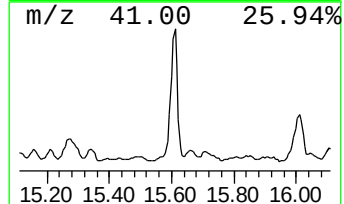
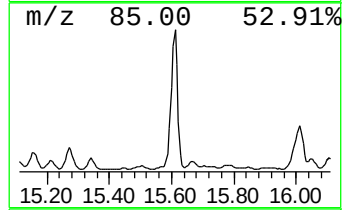
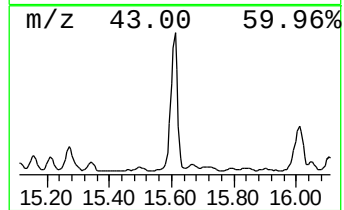
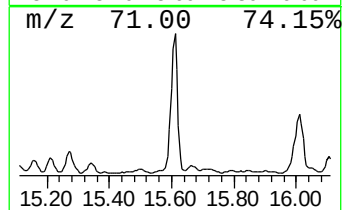
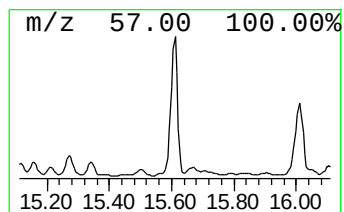
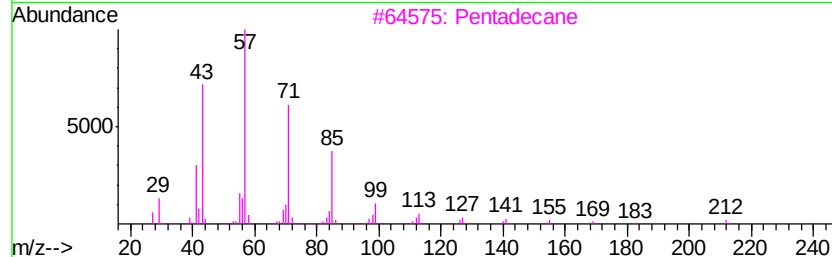
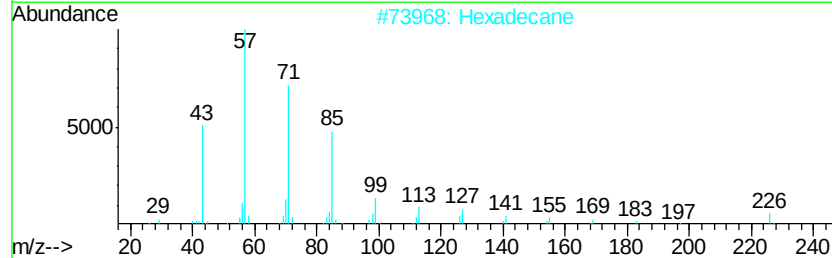
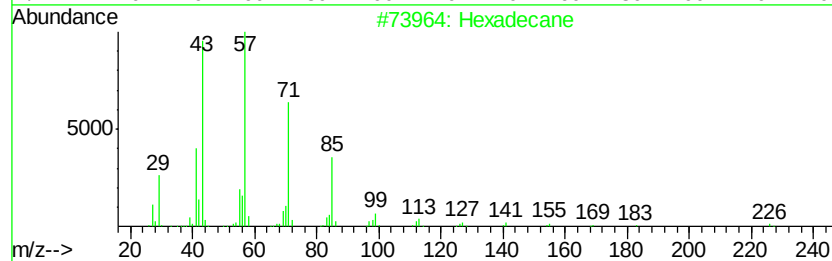
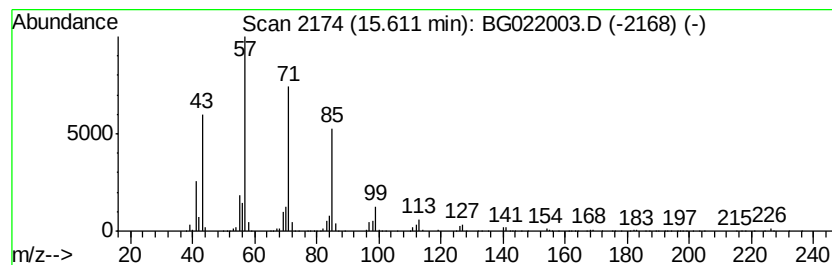
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 47 (DEL) Alkane: Branched15.61 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	78.69 ng/ul	2620090	Acenaphthene-d10	14.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	90
2			Hexadecane	226	C16H34	000544-76-3	90
3			Pentadecane	212	C15H32	000629-62-9	90
4			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
5			Pentadecane	212	C15H32	000629-62-9	83



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHGF2

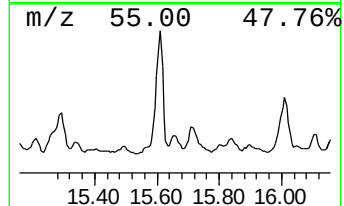
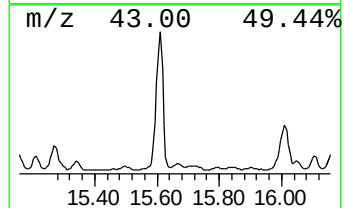
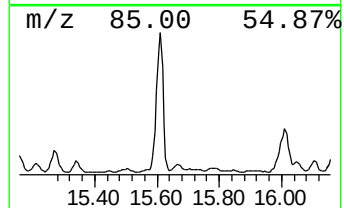
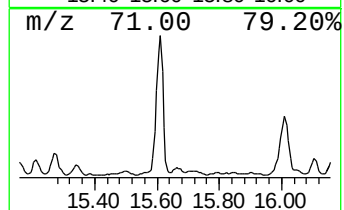
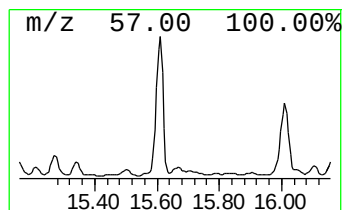
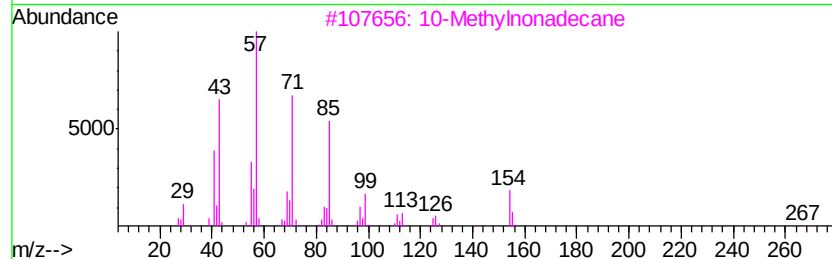
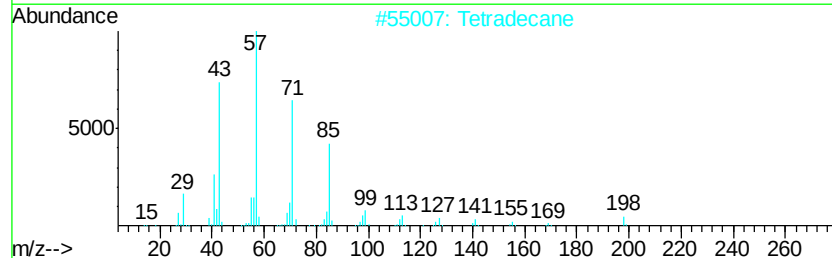
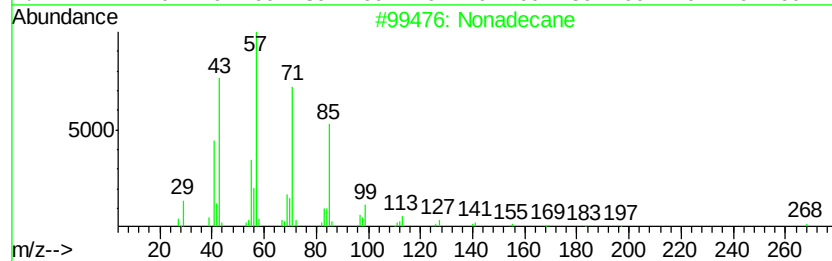
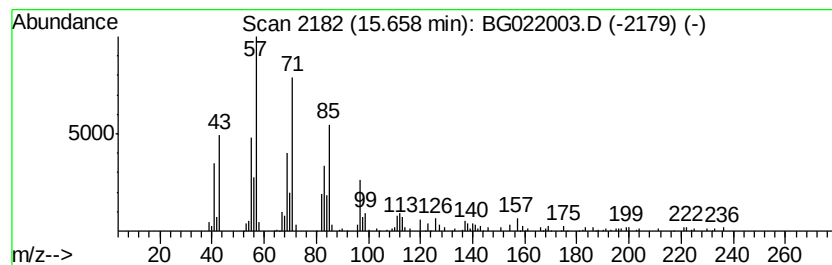
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	5.31 ng/ul	176840	Acenaphthene-d10	14.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	90
2		Tetradecane	198	C14H30	000629-59-4	87
3		10-Methylnonadecane	282	C20H42	056862-62-5	87
4		Heptacosane	380	C27H56	000593-49-7	86
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHGF2

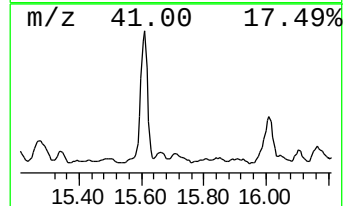
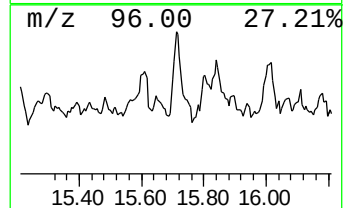
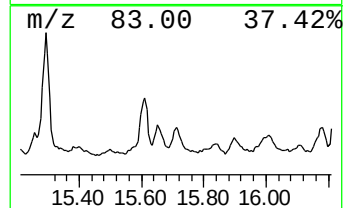
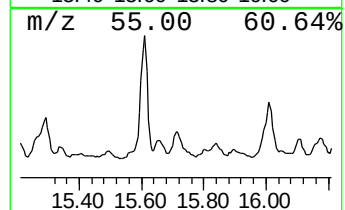
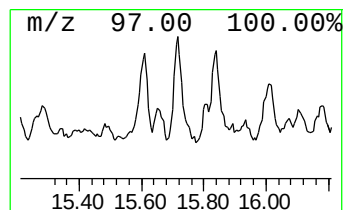
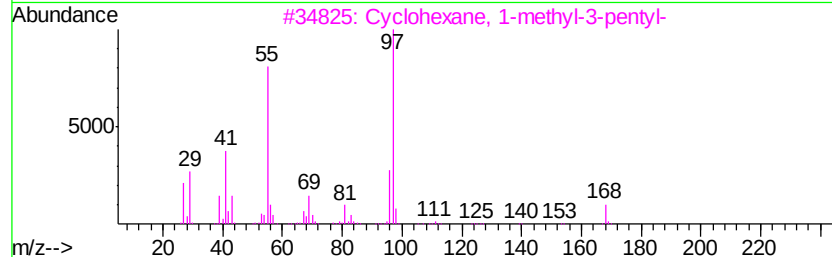
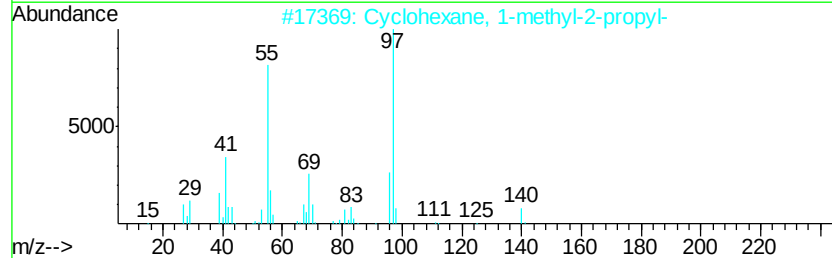
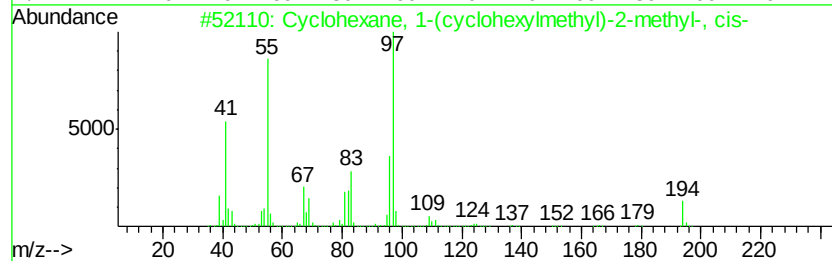
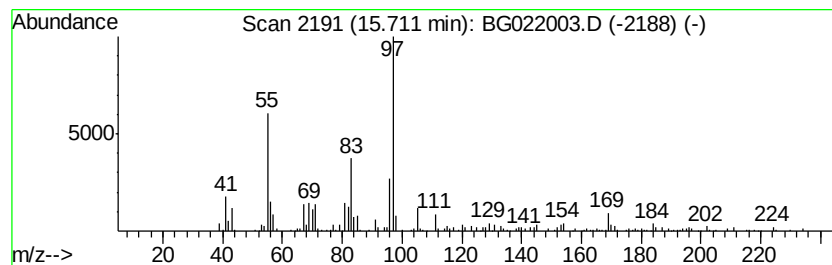
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 49 (DEL) Alkane: Cyclic15.71 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.71	5.47 ng/ul	182138	Acenaphthene-d10	14.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-(cyclohexylmethyl)-	194	C14H26	054824-04-3	64
2			Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	53
3			Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	53
4			Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	52
5			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	50



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHGF2

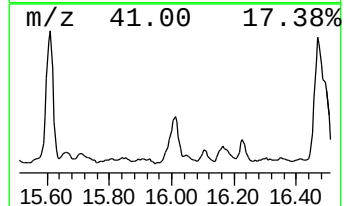
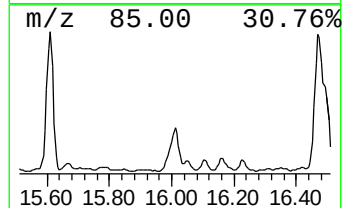
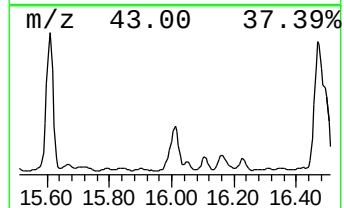
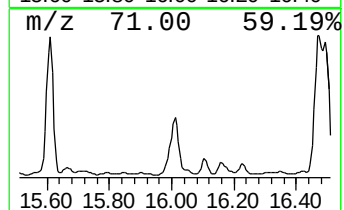
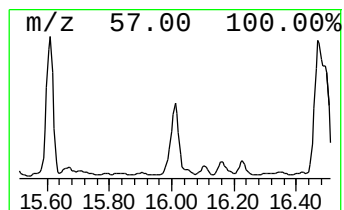
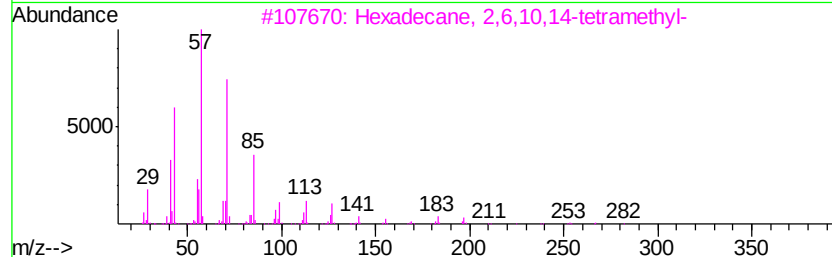
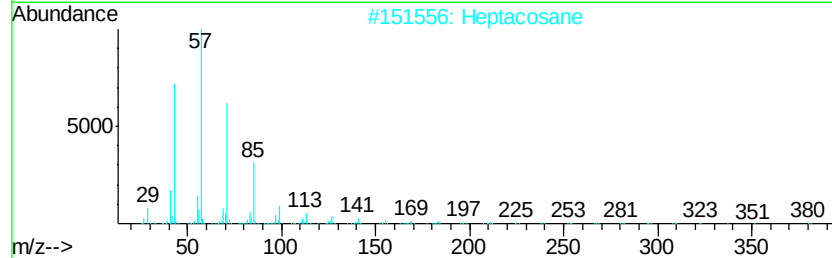
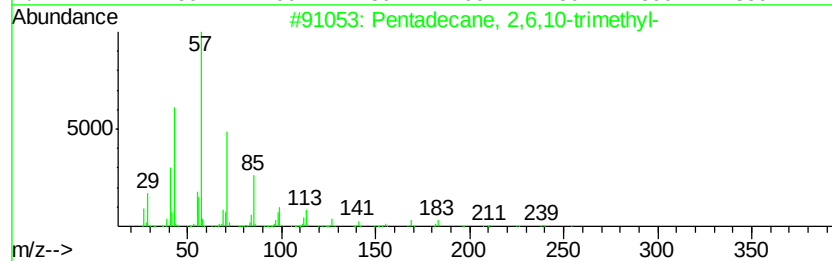
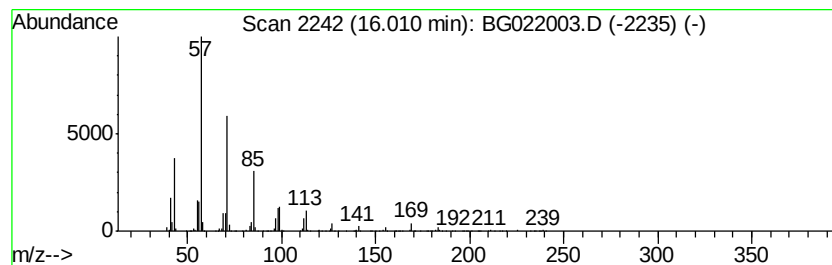
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 50 (DEL) Alkane: Branched16.01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	45.74 ng/ul	1523010	Acenaphthene-d10	14.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2		Heptacosane	380	C27H56	000593-49-7	86
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
4		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	78
5		Tetracosane	338	C24H50	000646-31-1	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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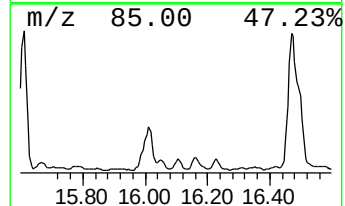
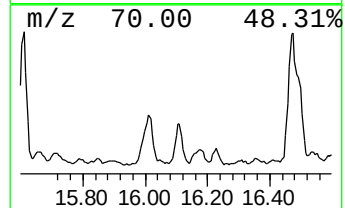
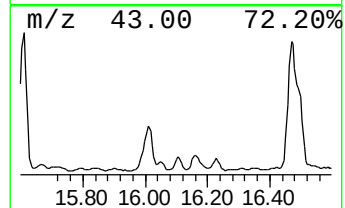
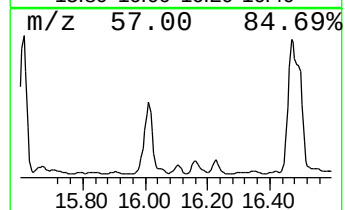
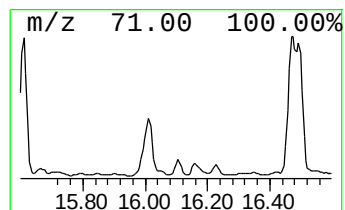
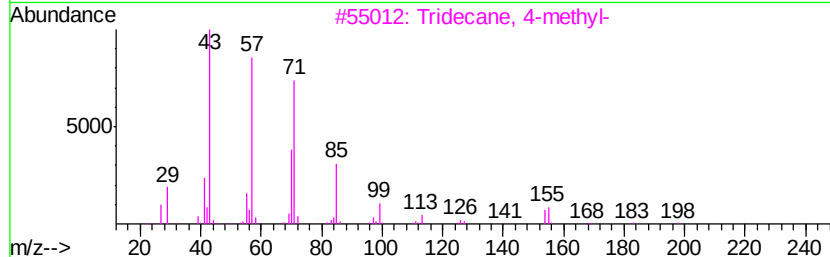
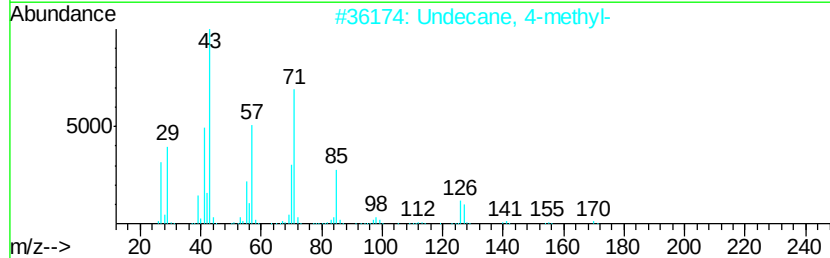
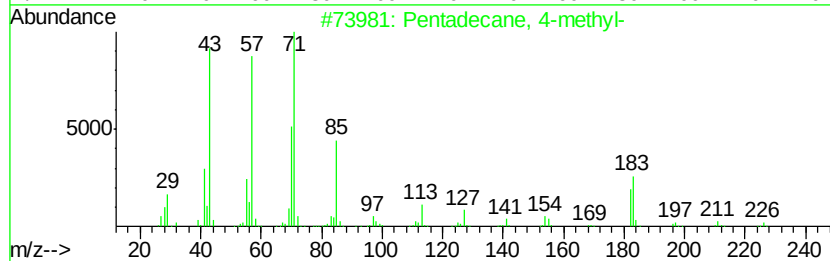
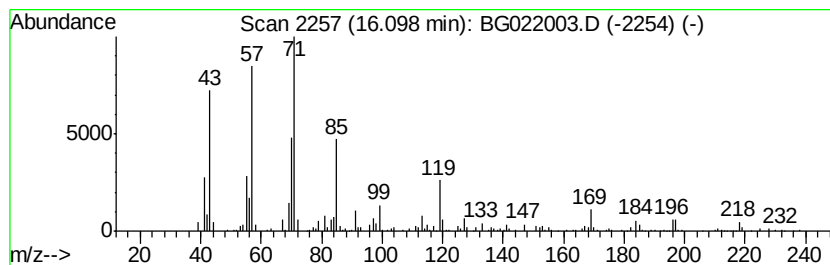
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	9.52 ng/ul	317029	Acenaphthene-d10	14.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 4-methyl-	226	C16H34	002801-87-8	72
2			Undecane, 4-methyl-	170	C12H26	002980-69-0	68
3			Tridecane, 4-methyl-	198	C14H30	026730-12-1	62
4			Heptacosane	380	C27H56	000593-49-7	49
5			Tridecane	184	C13H28	000629-50-5	46



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHGF2

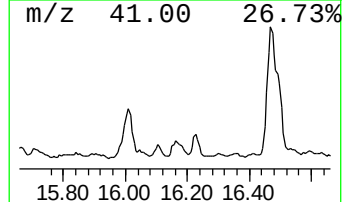
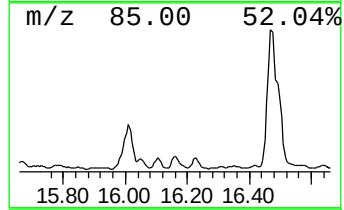
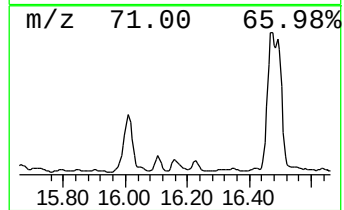
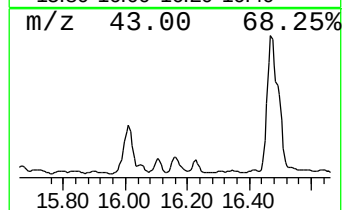
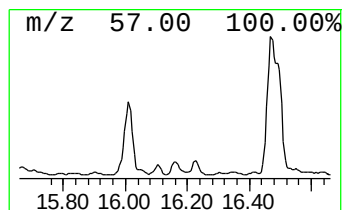
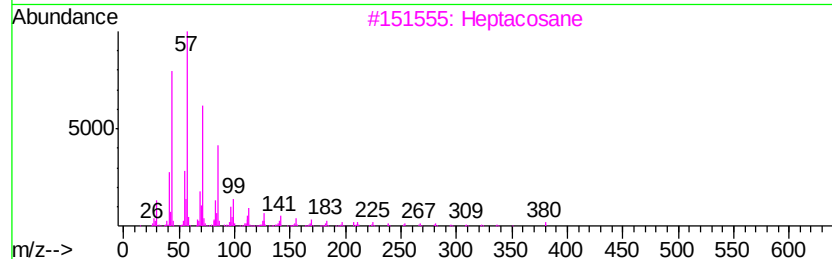
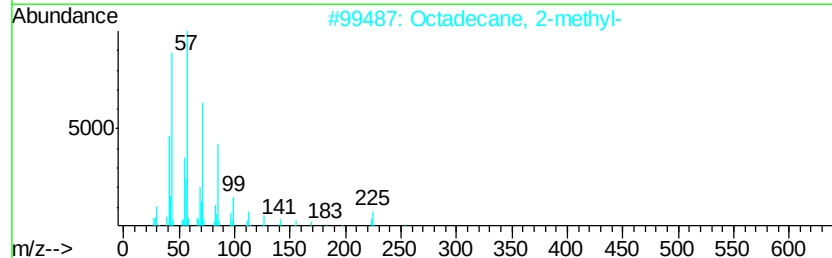
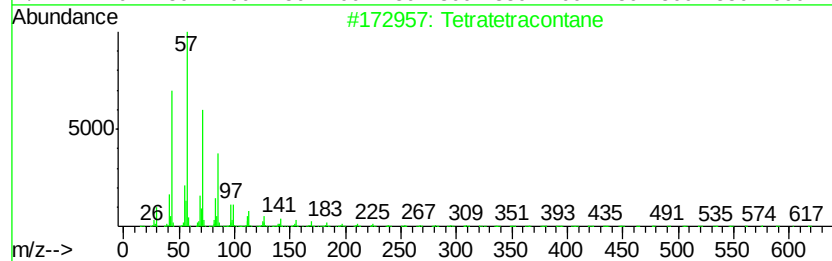
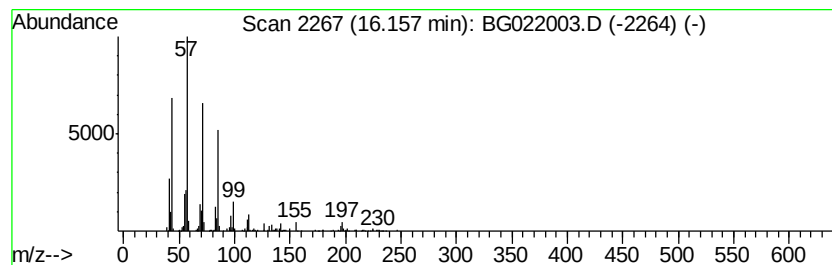
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	14.84 ng/ul	464427	Phenanthrene-d10	17.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	87
2		Octadecane, 2-methyl-	268	C19H40	001560-88-9	86
3		Heptacosane	380	C27H56	000593-49-7	83
4		Tetratetracontane	619	C44H90	007098-22-8	83
5		Octacosane	394	C28H58	000630-02-4	80



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
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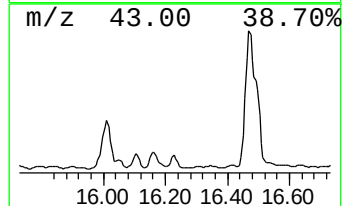
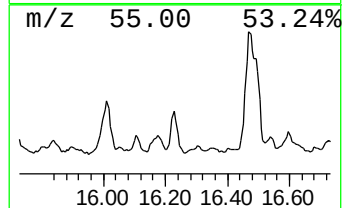
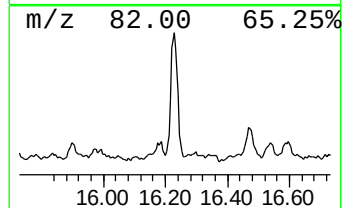
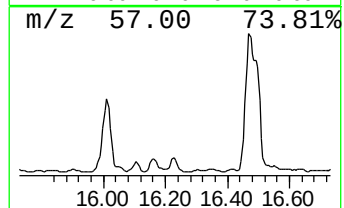
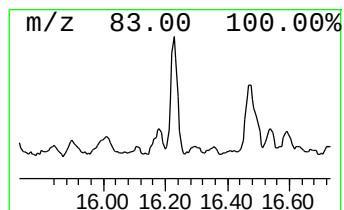
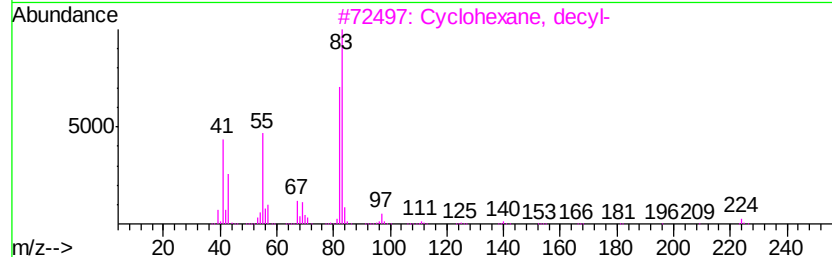
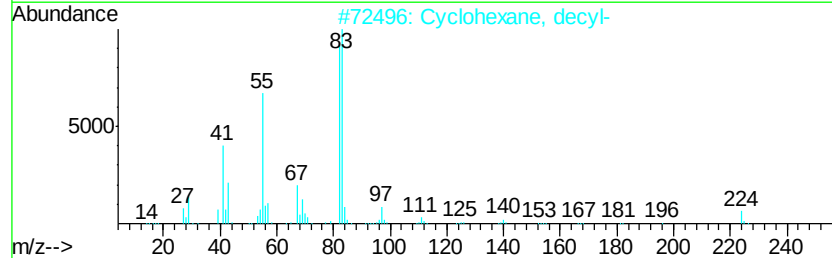
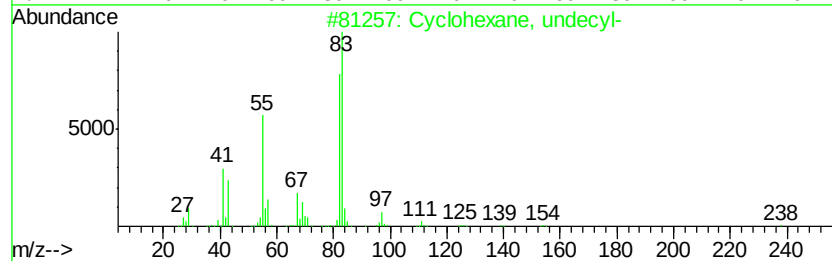
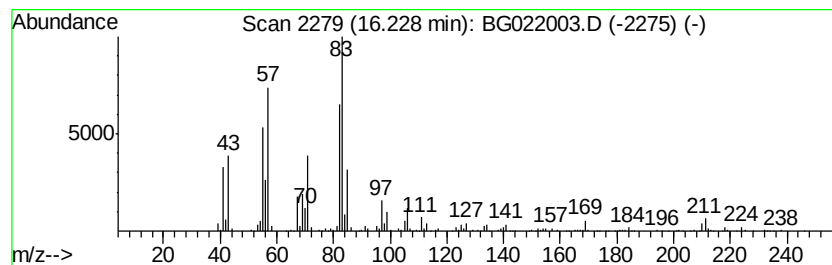
Instrument :
BNA_G
ClientSampleId :
JHGF2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 53 (DEL) Alkane: Cyclic16.23 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.23	16.30 ng/ul	510021	Phenanthrene-d10	17.53	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, undecyl-	238	C17H34	054105-66-7	55
2	Cyclohexane, decyl-	224	C16H32	001795-16-0	49
3	Cyclohexane, decyl-	224	C16H32	001795-16-0	45
4	Tridecane	184	C13H28	000629-50-5	38
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHGF2

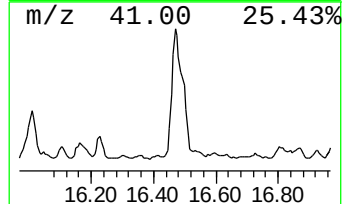
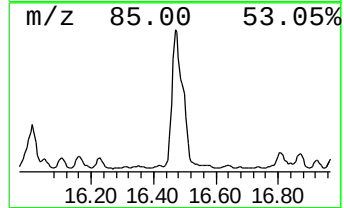
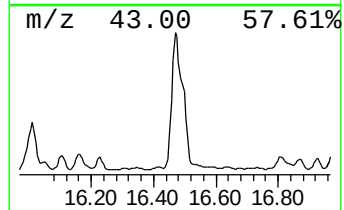
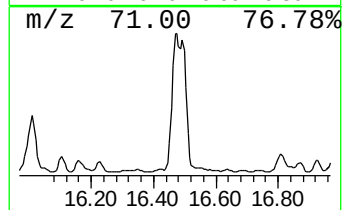
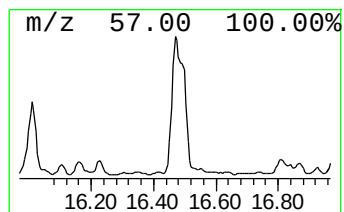
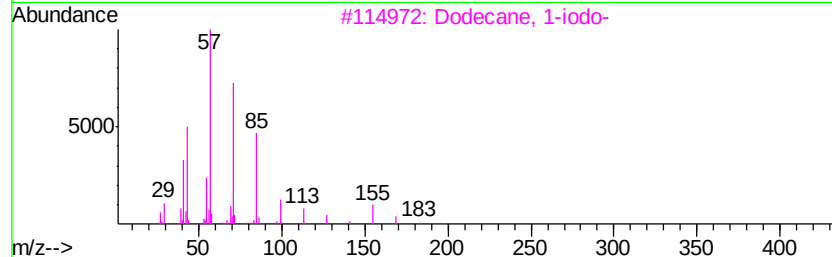
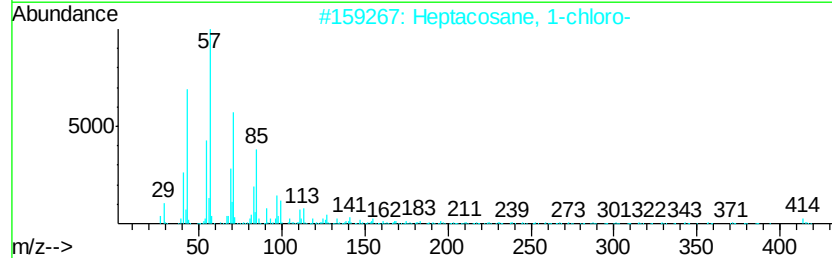
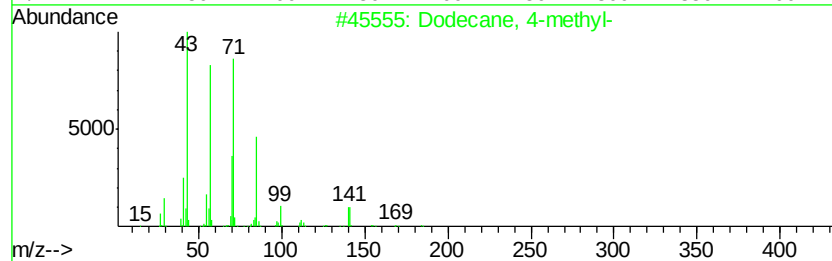
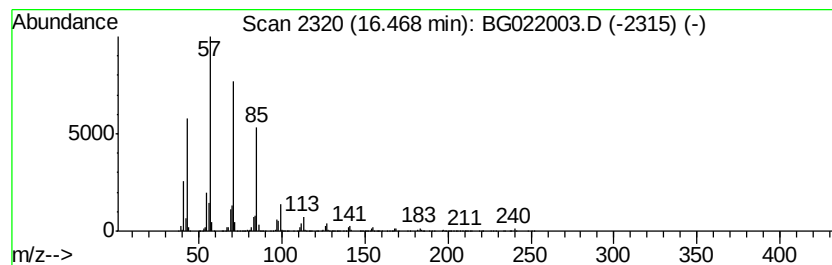
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	108.43 ng/ul	3393570	Phenanthrene-d10	17.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	87
2		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	86
3		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4		Pentadecane	212	C15H32	000629-62-9	83
5		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	83



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

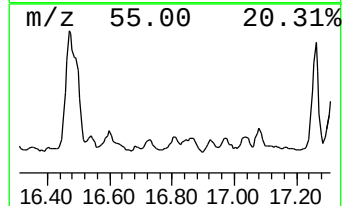
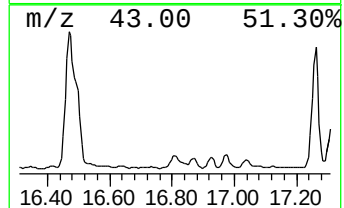
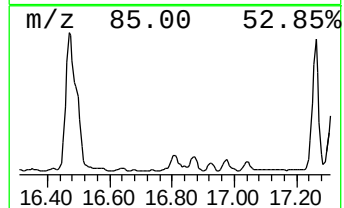
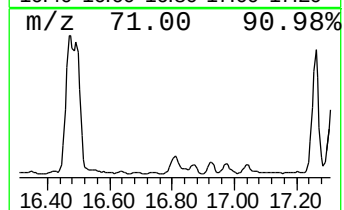
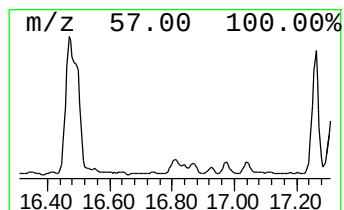
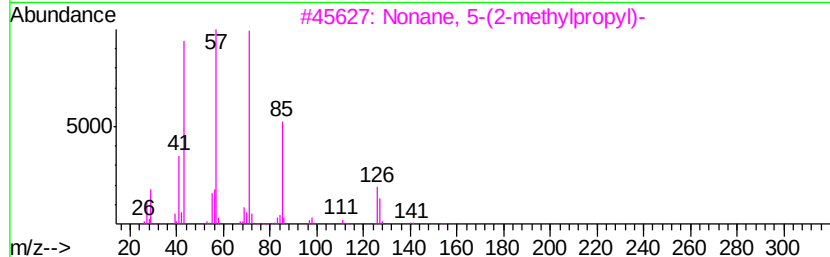
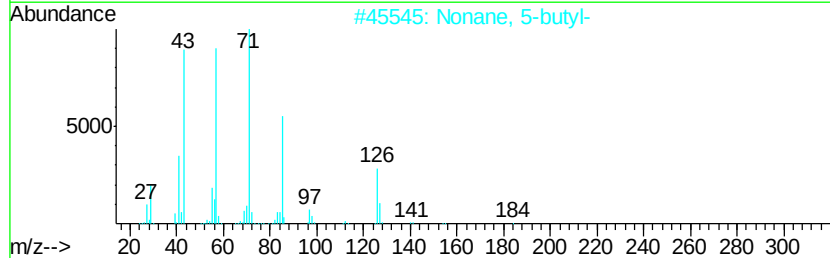
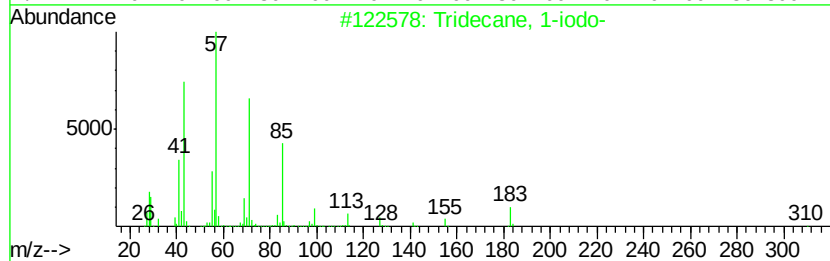
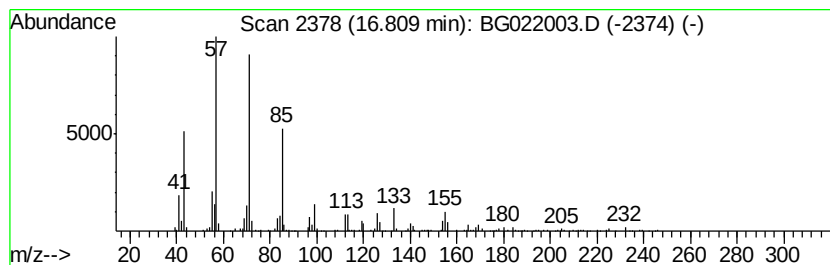
Instrument :
BNA_G
ClientSampleId :
JHGF2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 55 Tridecane, 1-iodo- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD		R.T.
16.81	9.84 ng/ul	307832	Phenanthrene-d10		17.53
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	64
2	Nonane, 5-butyl-	184	C13H28	017312-63-9	64
3	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	59
4	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	59
5	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	59



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHGF2

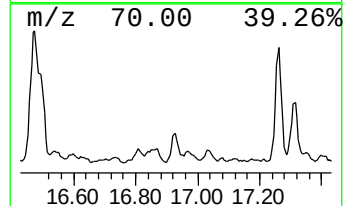
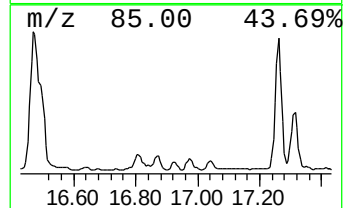
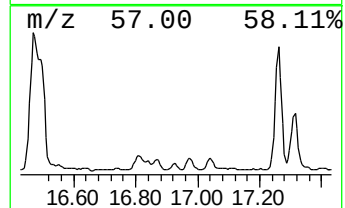
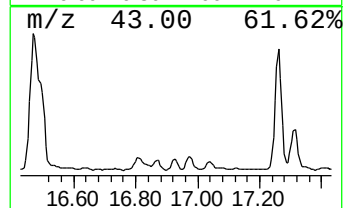
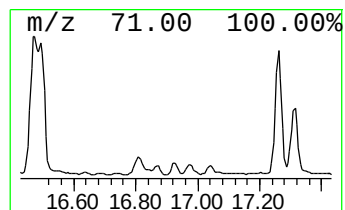
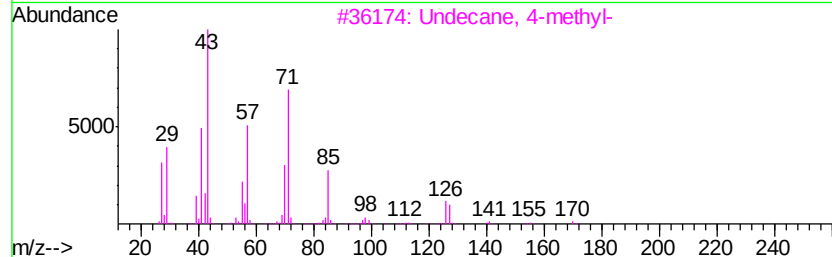
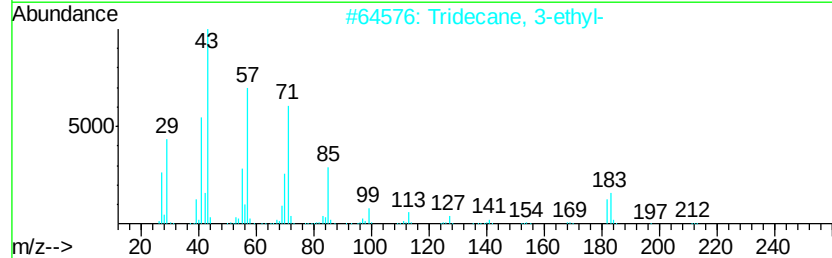
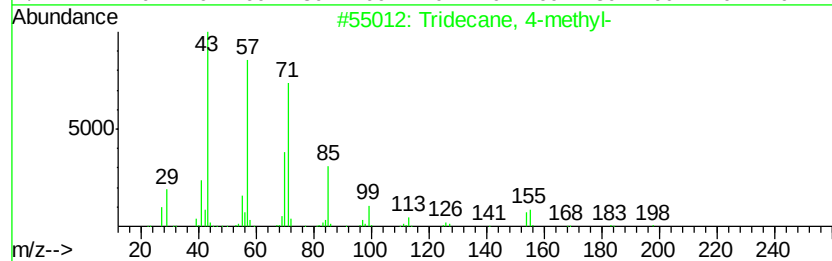
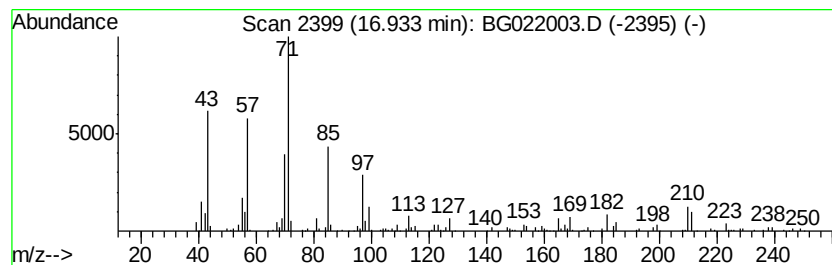
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.93	5.02 ng/ul	157255	Phenanthrene-d10	17.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 4-methyl-	198	C14H30	026730-12-1	83
2			Tridecane, 3-ethyl-	212	C15H32	013286-73-2	72
3			Undecane, 4-methyl-	170	C12H26	002980-69-0	64
4			Decane, 2,8,8-trimethyl-	184	C13H28	1000060-81-2	53
5			Decane, 3,3,5-trimethyl-	184	C13H28	062338-13-0	53



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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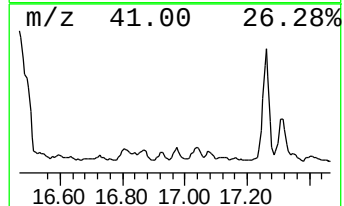
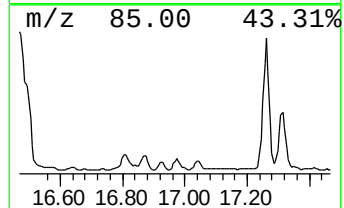
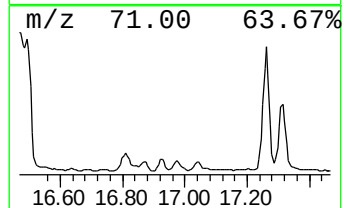
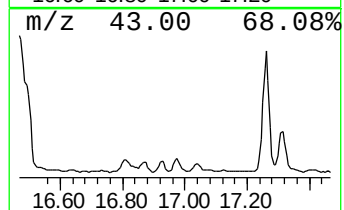
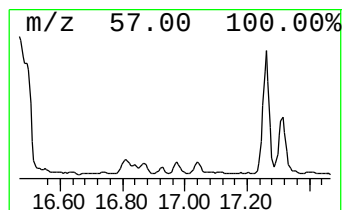
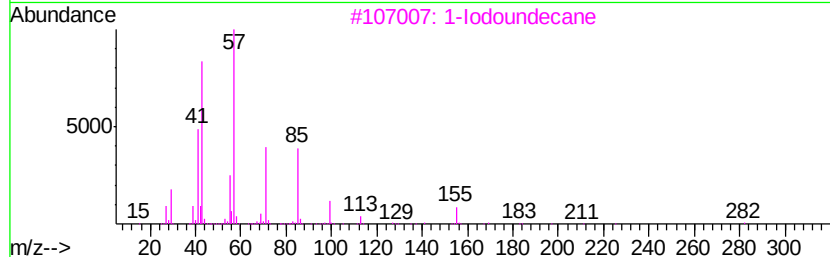
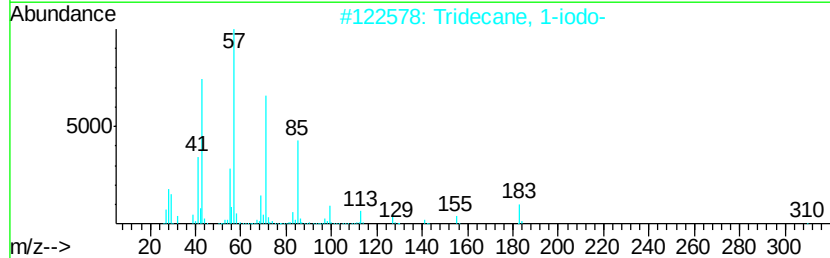
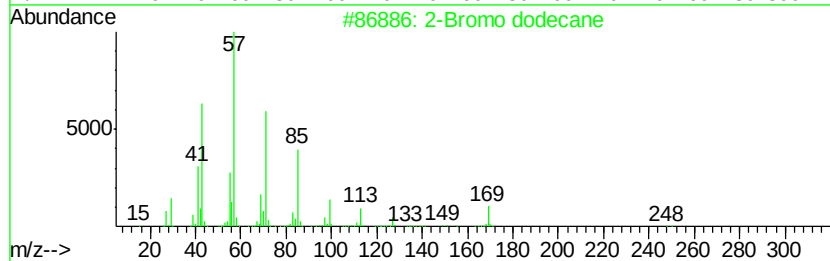
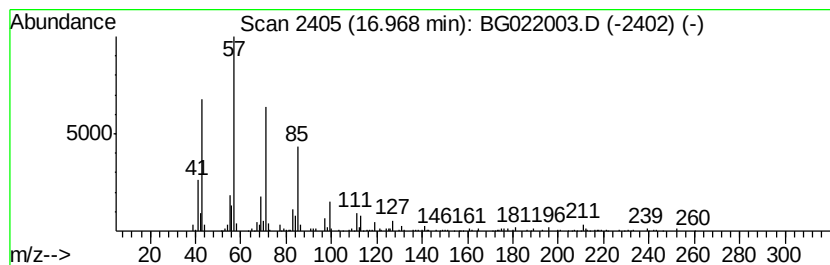
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 57 2-Bromo dodecane Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	7.83 ng/ul	244973	Phenanthrene-d10	17.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Bromo dodecane	248	C12H25Br	013187-99-0	89
2			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
3			1-Iodoundecane	282	C11H23I	004282-44-4	80
4			10-Methylnonadecane	282	C20H42	056862-62-5	80
5			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	78



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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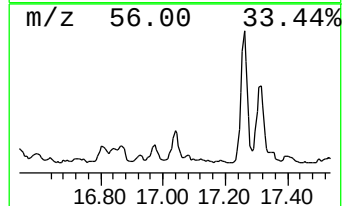
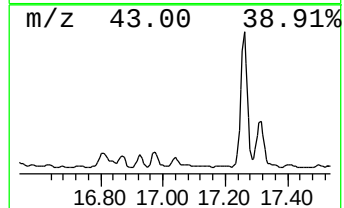
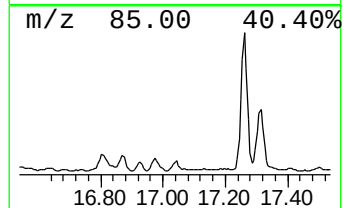
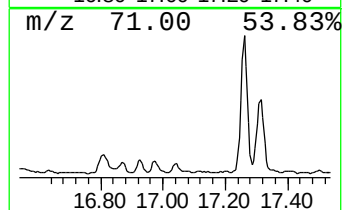
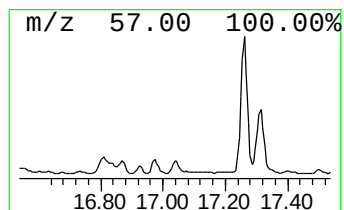
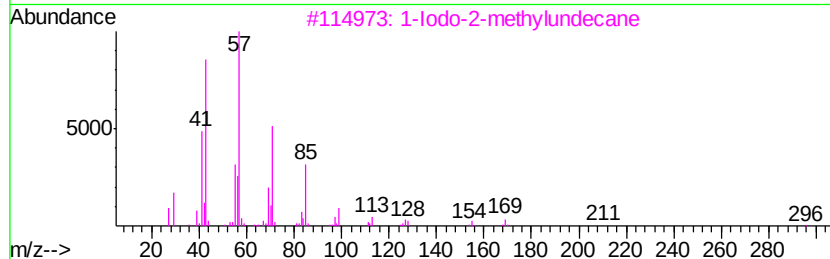
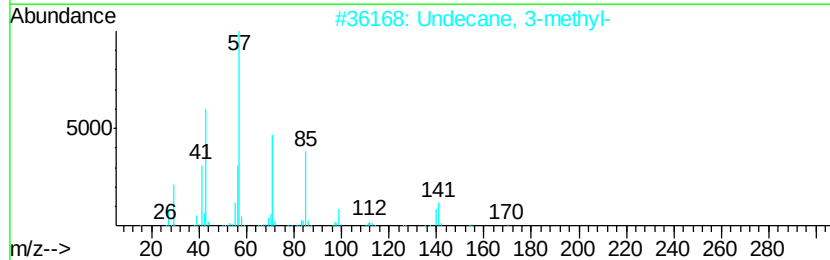
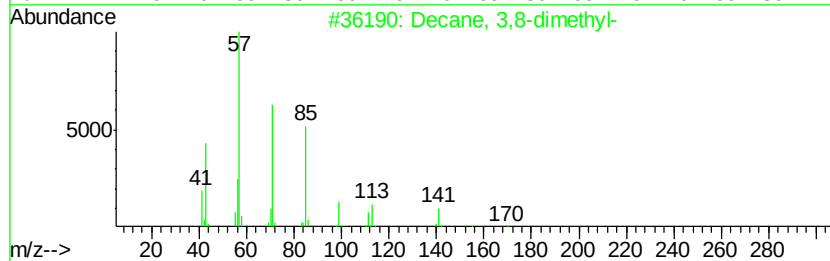
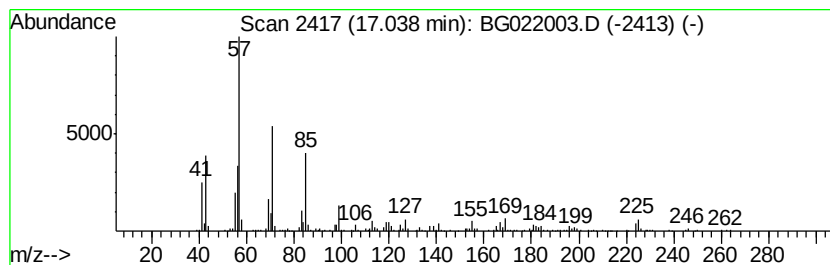
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 58 (DEL) Alkane: Cyclic17.04 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.04	8.59 ng/ul	268713	Phenanthrene-d10	17.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	80
2			Undecane, 3-methyl-	170	C12H26	001002-43-3	80
3			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	80
4			Hexadecane	226	C16H34	000544-76-3	76
5			Octacosane	394	C28H58	000630-02-4	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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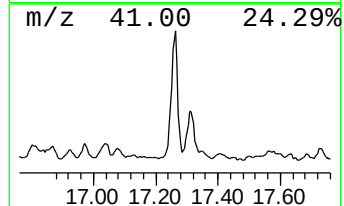
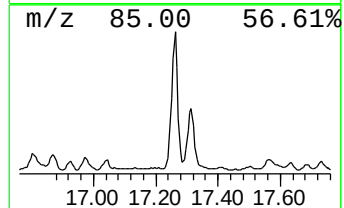
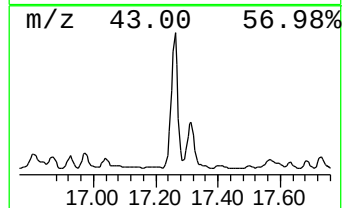
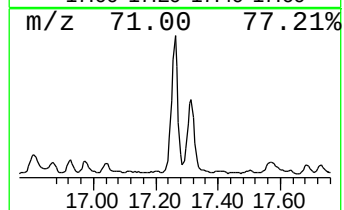
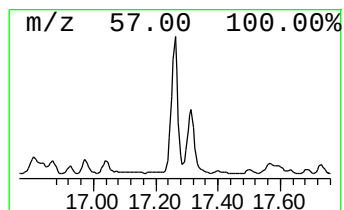
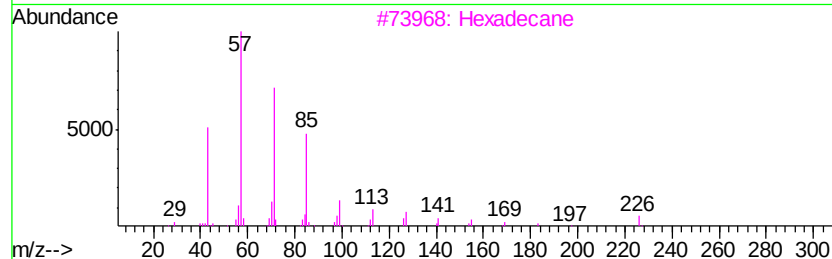
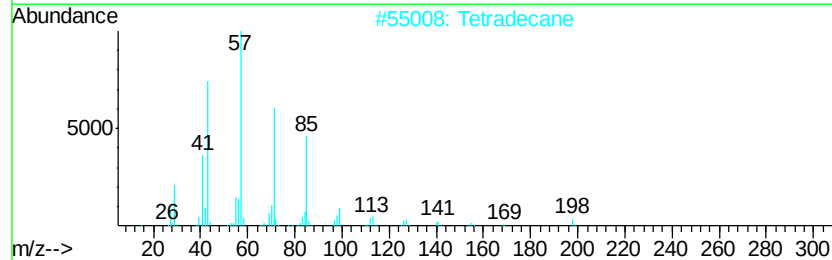
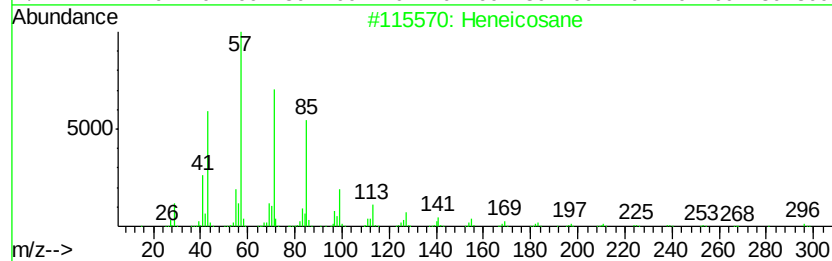
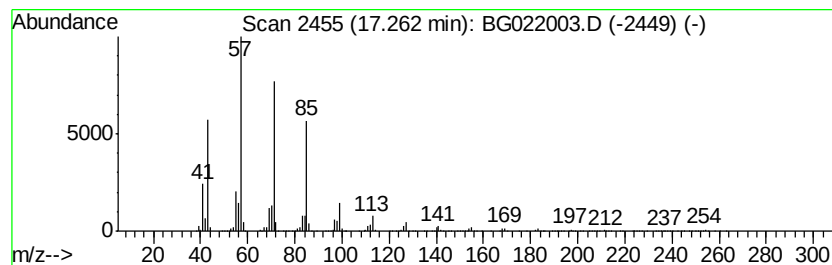
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 59 (DEL) Alkane: Branched17.26 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.26	75.06 ng/ul	2349320	Phenanthrene-d10	17.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Tetradecane	198	C14H30	000629-59-4	90
3		Hexadecane	226	C16H34	000544-76-3	87
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5		Eicosane	282	C20H42	000112-95-8	83



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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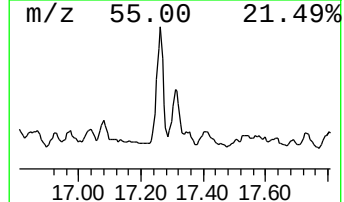
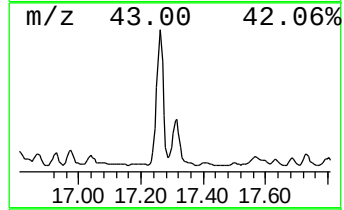
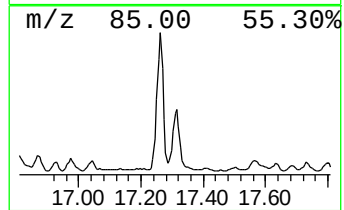
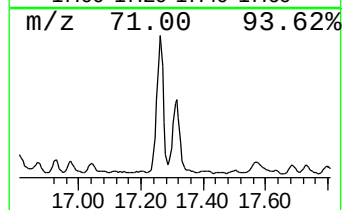
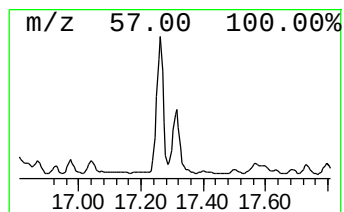
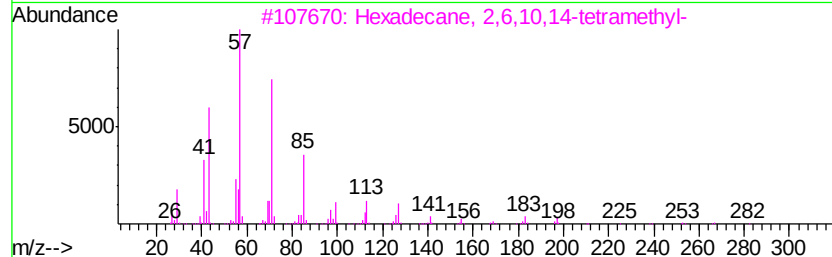
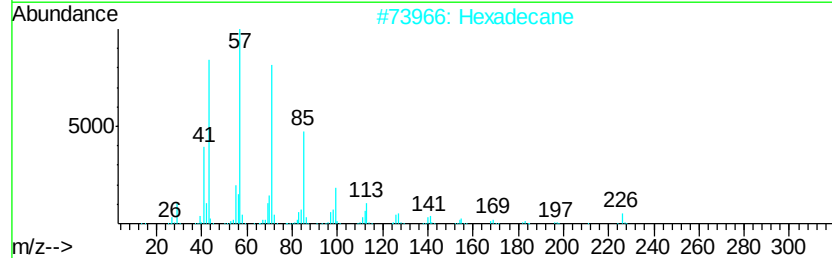
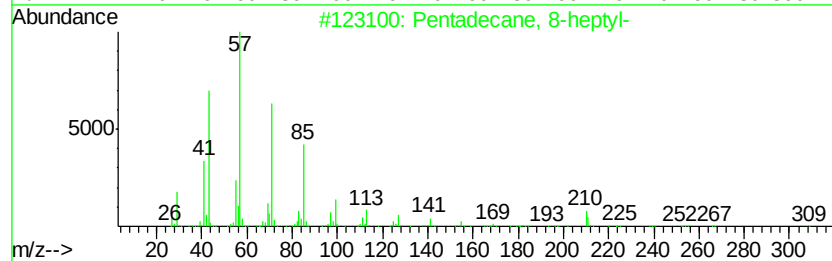
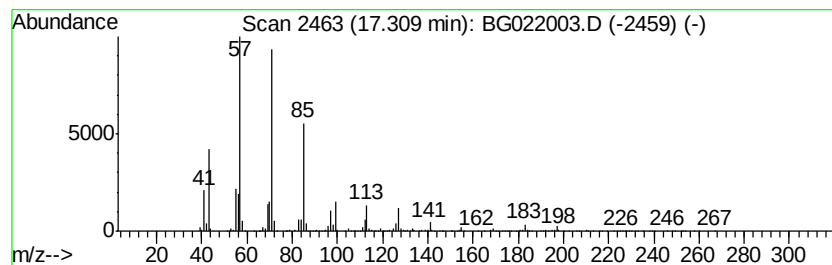
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.31	34.11 ng/ul	1067660	Phenanthrene-d10	17.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
2			Hexadecane	226	C16H34	000544-76-3	87
3			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
4			Tetracosane	338	C24H50	000646-31-1	86
5			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHGF2

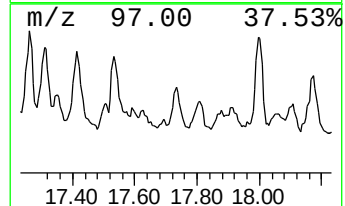
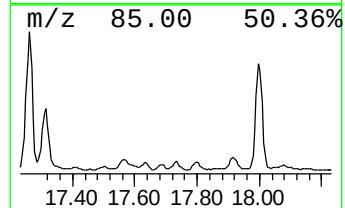
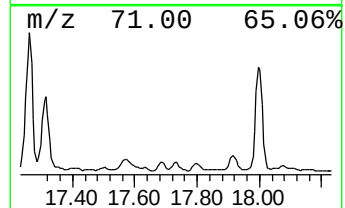
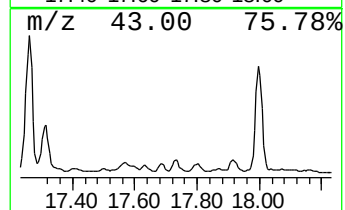
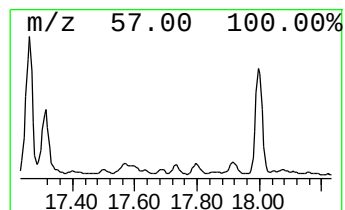
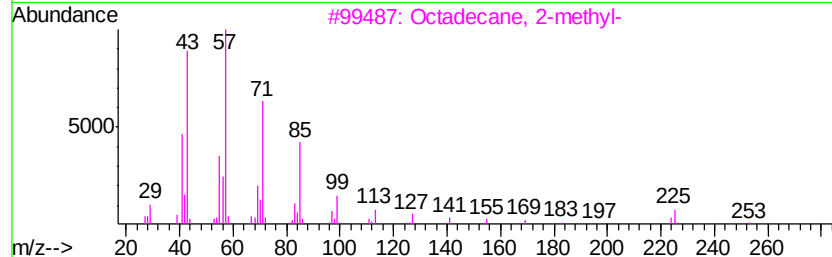
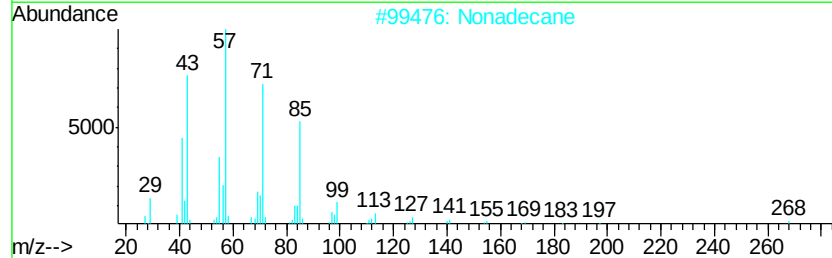
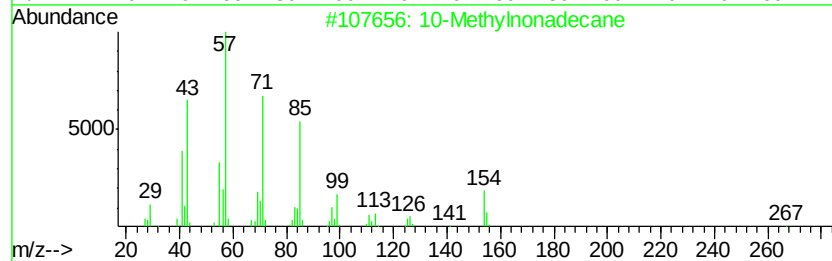
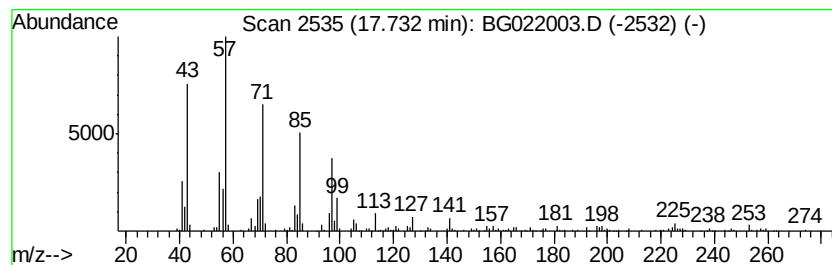
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	9.36 ng/ul	292915	Phenanthrene-d10	17.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10-Methylnonadecane	282	C20H42	056862-62-5	83
2		Nonadecane	268	C19H40	000629-92-5	83
3		Octadecane, 2-methyl-	268	C19H40	001560-88-9	80
4		Hexadecane	226	C16H34	000544-76-3	80
5		Octadecane	254	C18H38	000593-45-3	76



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHGF2

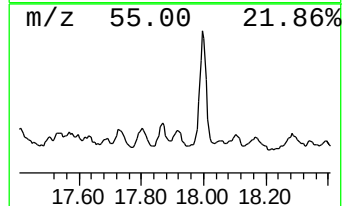
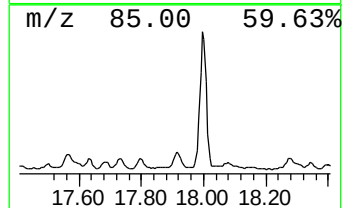
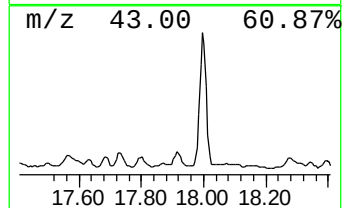
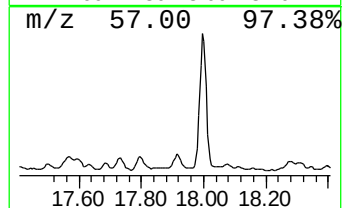
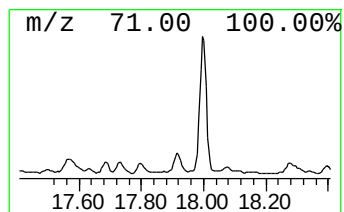
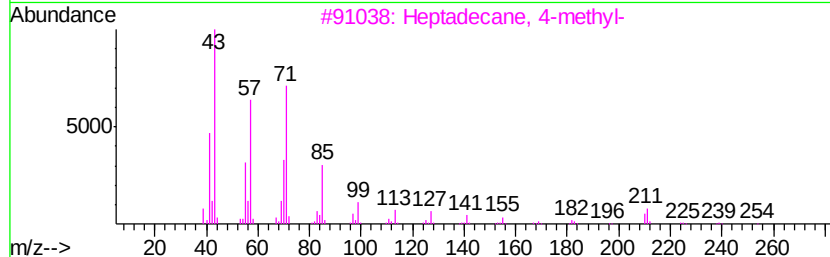
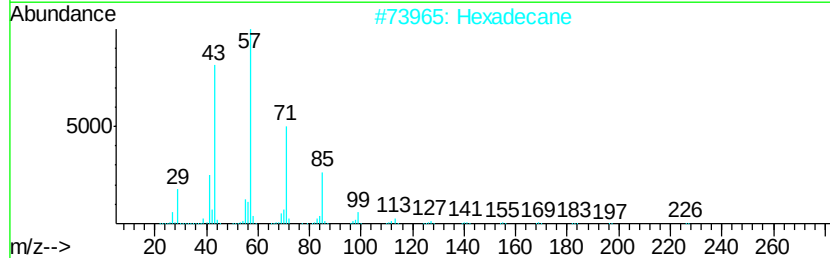
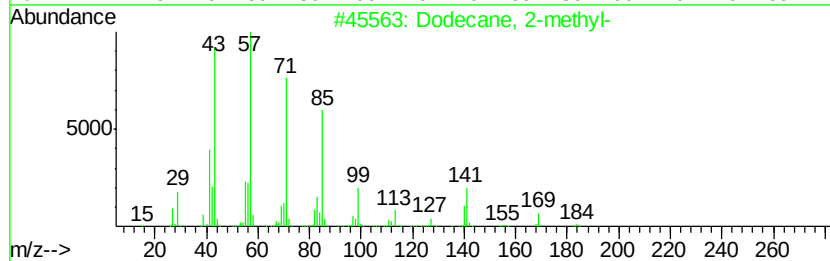
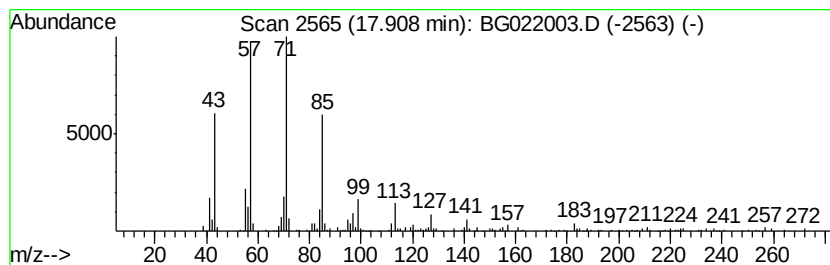
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	7.29 ng/ul	228071	Phenanthrene-d10	17.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
2		Hexadecane	226	C16H34	000544-76-3	90
3		Heptadecane, 4-methyl-	254	C18H38	026429-11-8	90
4		Hexadecane	226	C16H34	000544-76-3	90
5		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHGF2

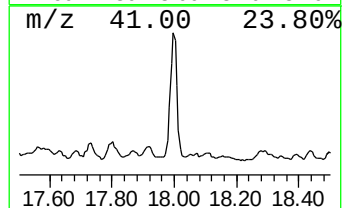
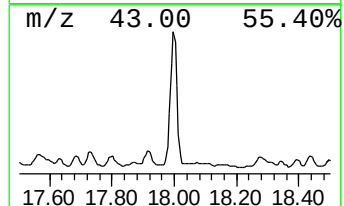
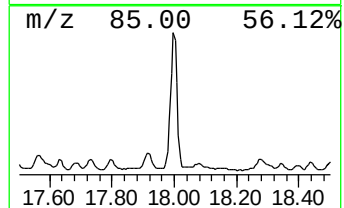
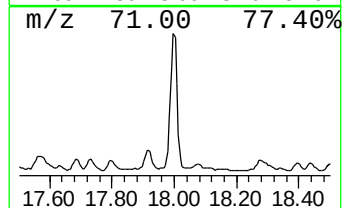
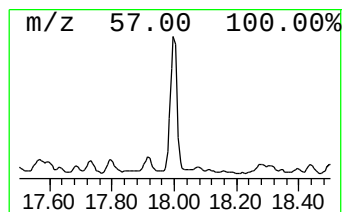
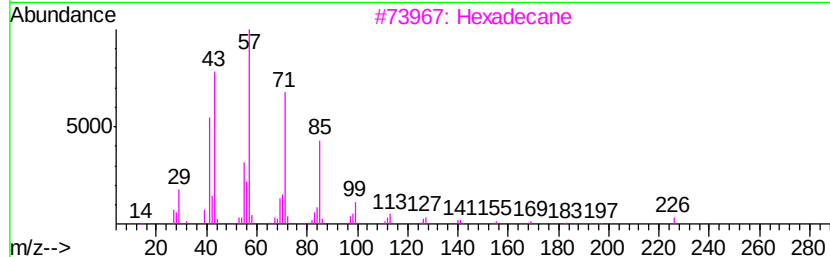
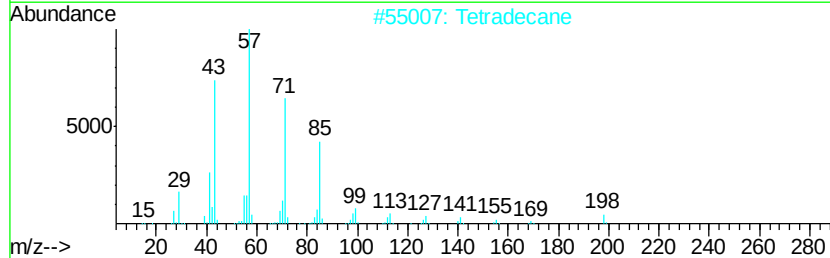
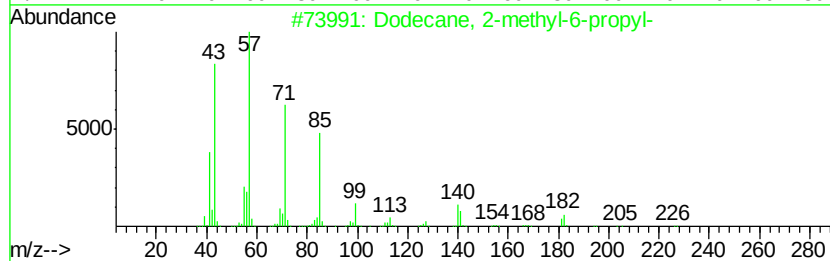
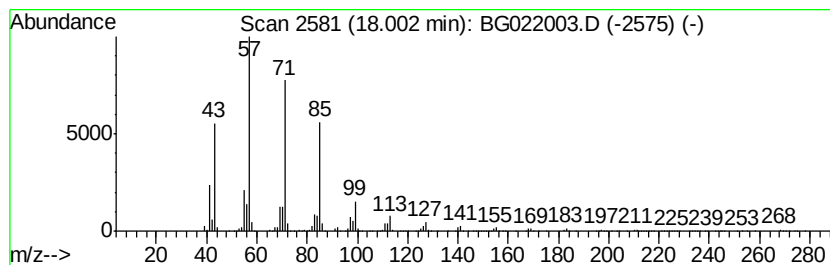
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	63.56 ng/ul	1989280	Phenanthrene-d10	17.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
2		Tetradecane	198	C14H30	000629-59-4	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Tetradecane	198	C14H30	000629-59-4	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHGF2

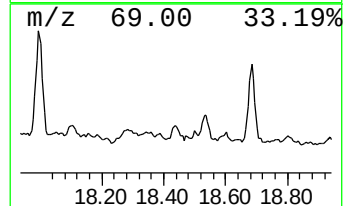
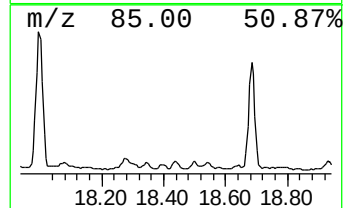
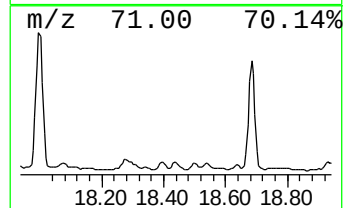
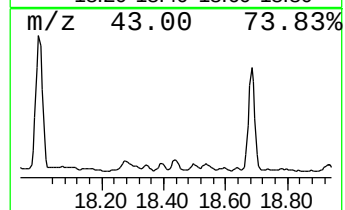
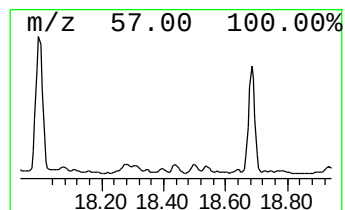
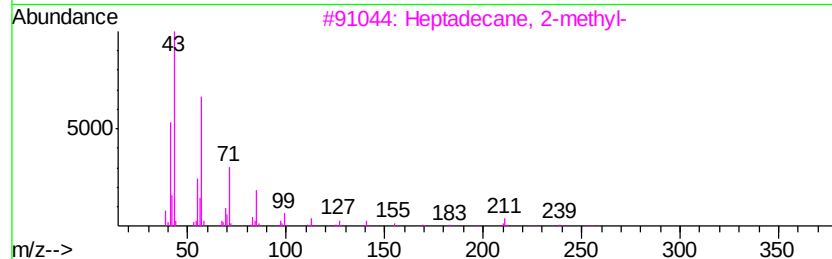
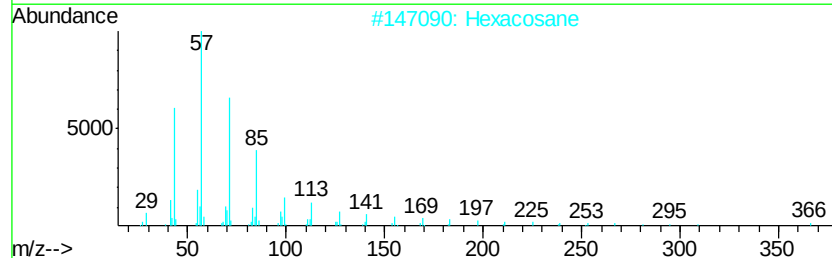
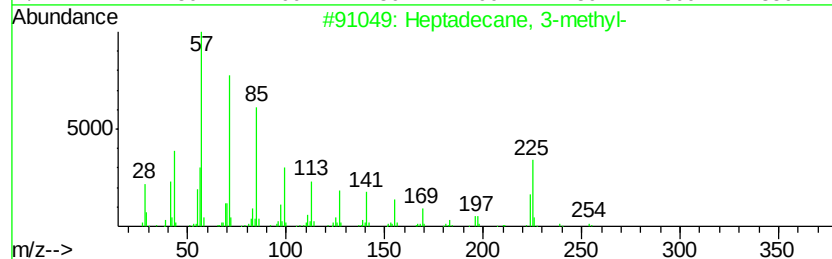
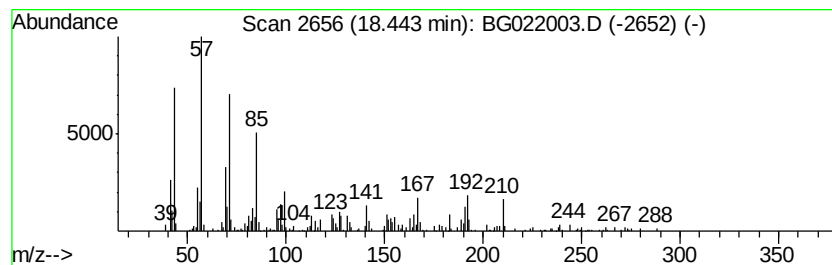
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 65 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.44	7.45 ng/ul	233099	Phenanthrene-d10	17.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 3-methyl-	254	C18H38	006418-44-6	58
2			Hexacosane	366	C26H54	000630-01-3	58
3			Heptadecane, 2-methyl-	254	C18H38	001560-89-0	58
4			Heneicosane	296	C21H44	000629-94-7	58
5			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	52



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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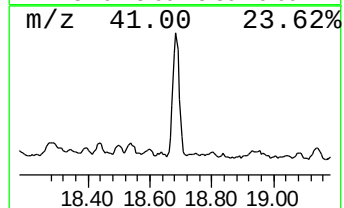
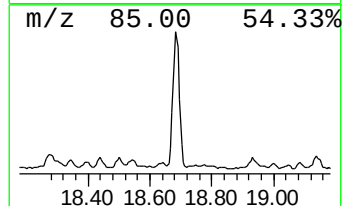
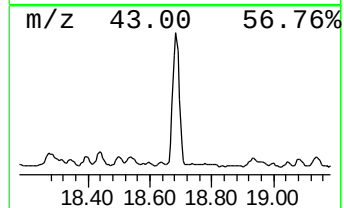
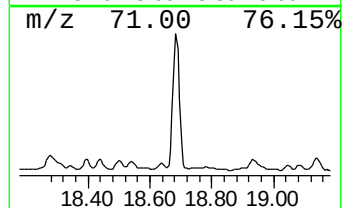
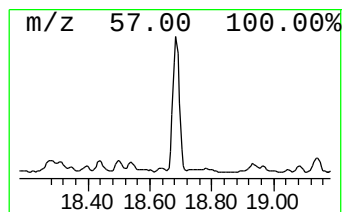
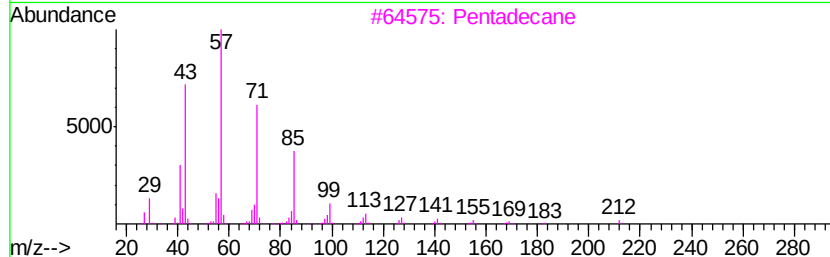
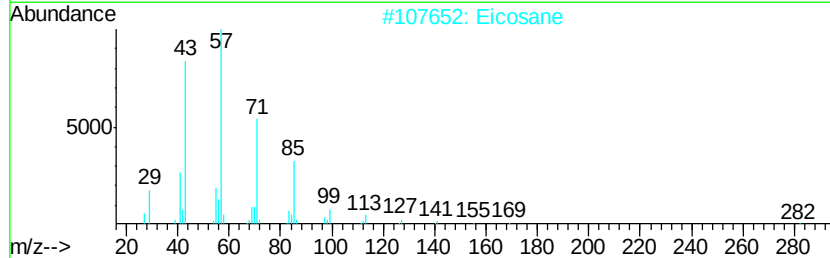
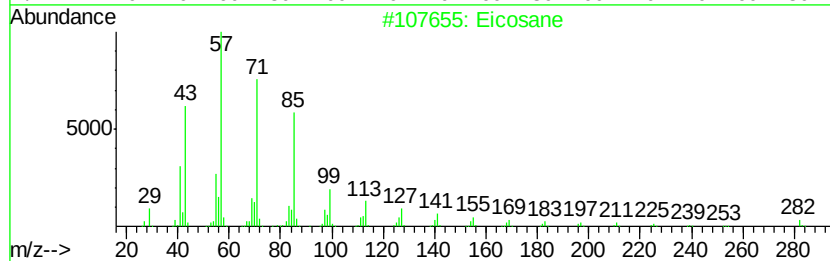
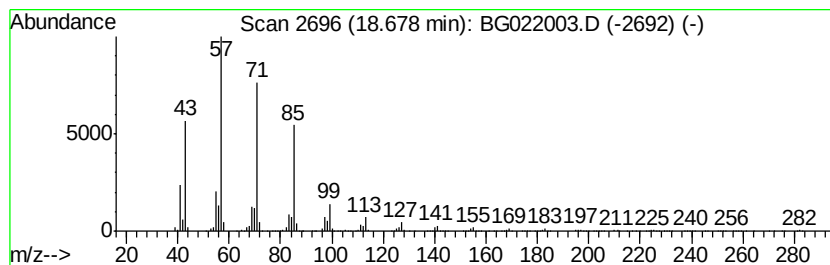
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 66 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	45.39 ng/ul	1420560	Phenanthrene-d10	17.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Eicosane	282	C20H42	000112-95-8	91
3		Pentadecane	212	C15H32	000629-62-9	91
4		Hexadecane	226	C16H34	000544-76-3	90
5		Nonadecane	268	C19H40	000629-92-5	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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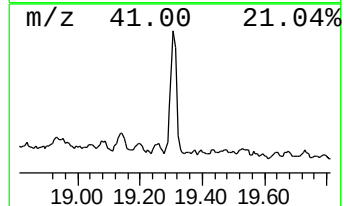
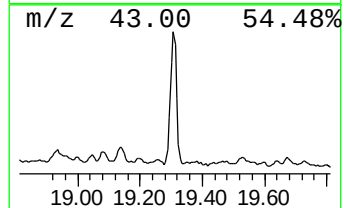
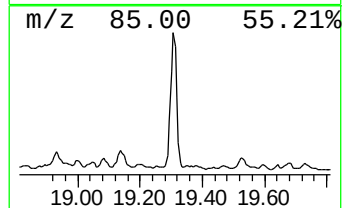
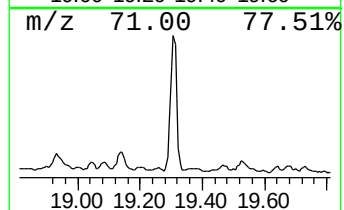
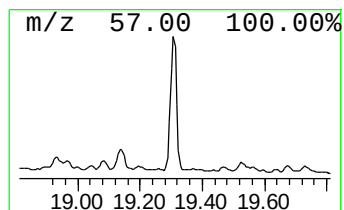
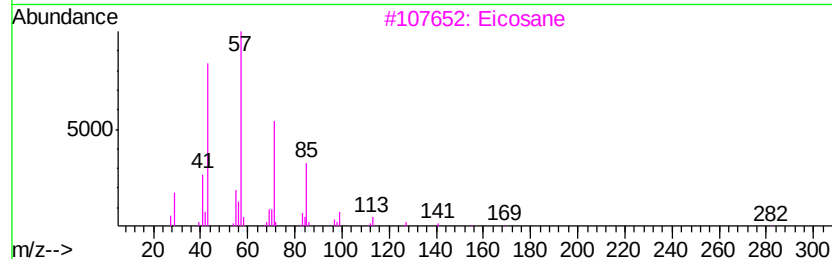
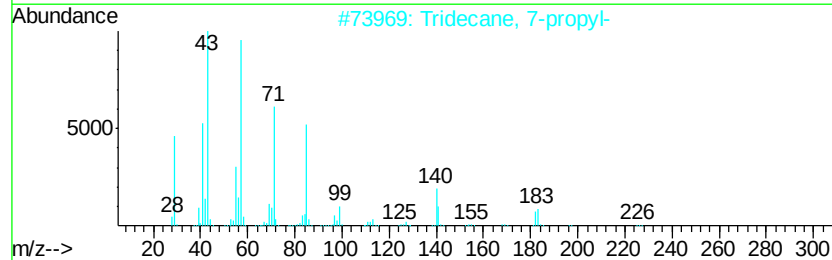
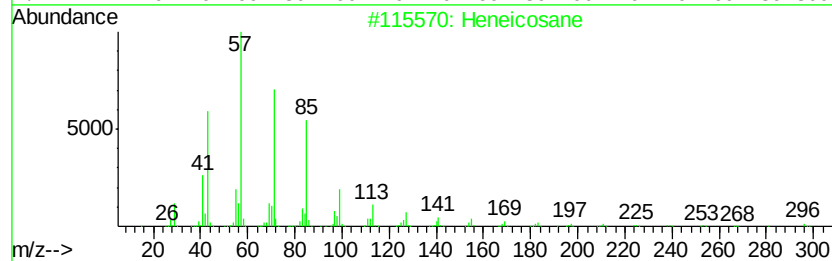
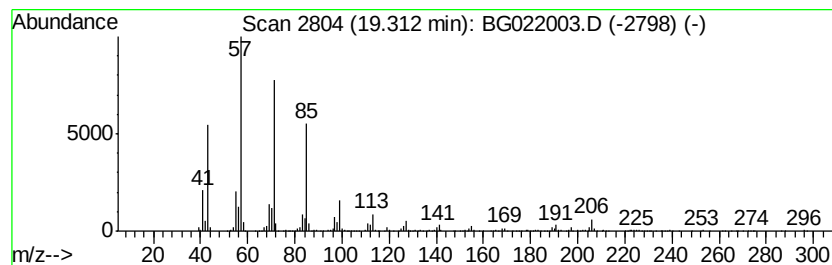
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 67 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.31	34.20 ng/ul	1070530	Phenanthrene-d10	17.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		Tridecane, 7-propyl-	226	C16H34	055045-09-5	91
3		Eicosane	282	C20H42	000112-95-8	91
4		Nonadecane	268	C19H40	000629-92-5	90
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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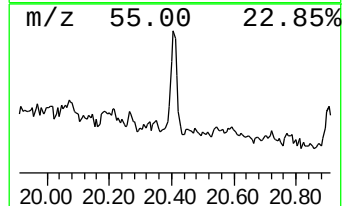
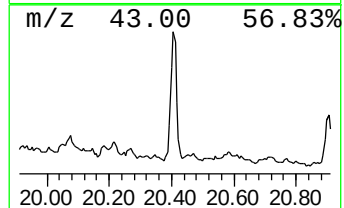
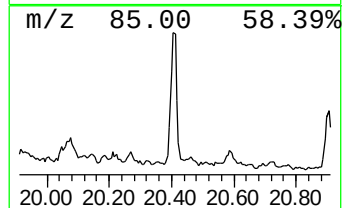
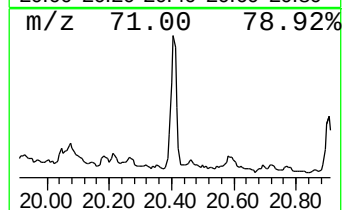
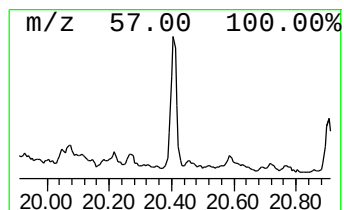
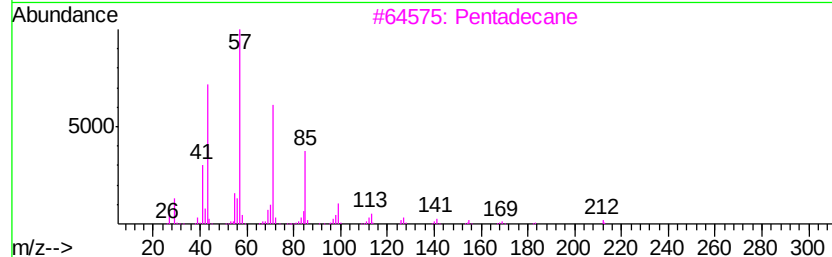
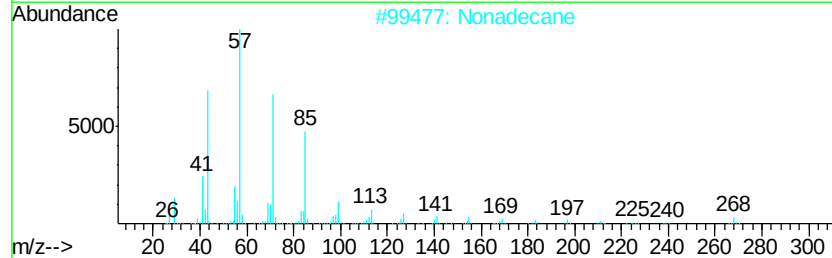
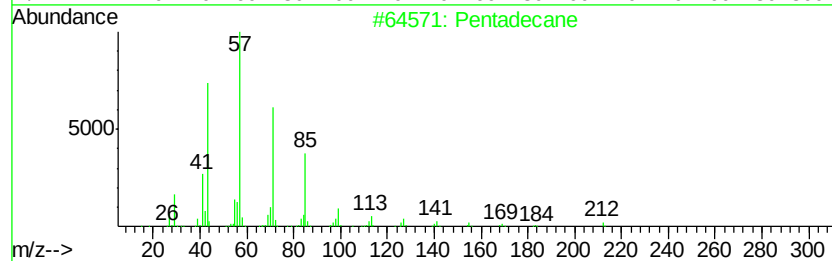
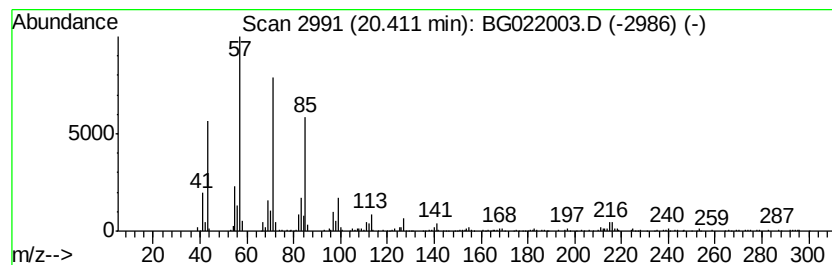
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 68 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.41	7.79 ng/ul	302154	Chrysene-d12	21.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	93
2			Nonadecane	268	C19H40	000629-92-5	91
3			Pentadecane	212	C15H32	000629-62-9	91
4			Tridecane, 3-ethyl-	212	C15H32	013286-73-2	90
5			Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022003.D
Acq On : 22 May 2016 8:40
Operator : UM/SJ
Sample : H3086-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHGF2

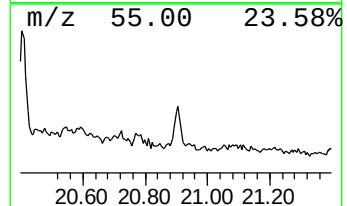
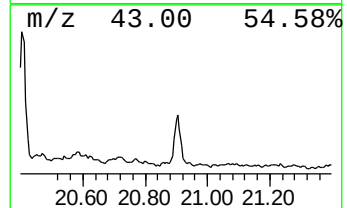
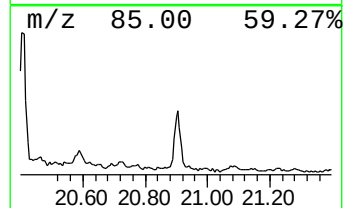
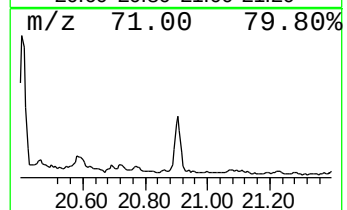
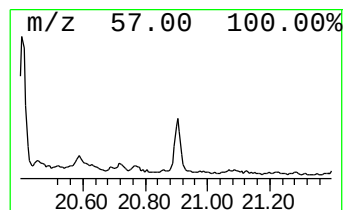
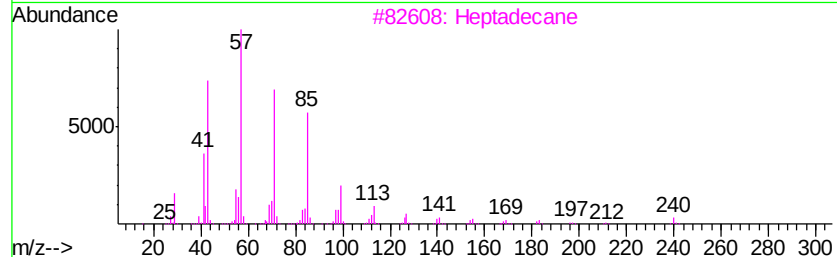
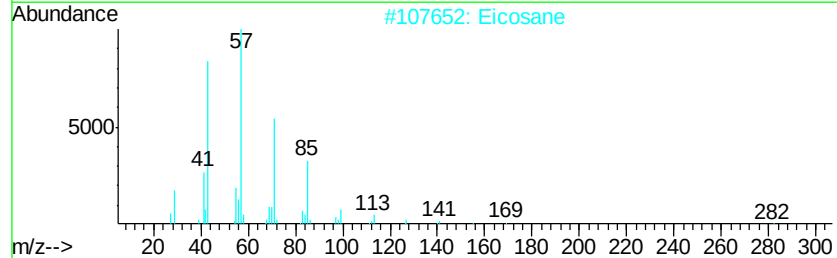
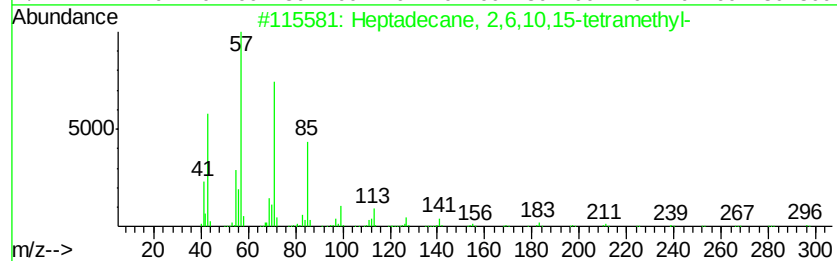
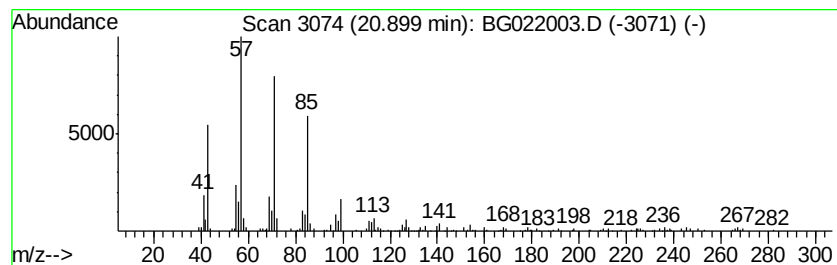
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 69 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	3.03 ng/ul	117363	Chrysene-d12	21.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2		Eicosane	282	C20H42	000112-95-8	90
3		Heptadecane	240	C17H36	000629-78-7	87
4		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
5		Hexadecane	226	C16H34	000544-76-3	86



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
 Data File : BG022003.D
 Acq On : 22 May 2016 8:40
 Operator : UM/SJ
 Sample : H3086-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHGF2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	7.76	3.5	ng/ul	49177	1	8.16	282346	20.0
(DEL) Alkane: Bra...	8.68	2.7	ng/ul	37492	1	8.16	282346	20.0
(DEL) Alkane: Bra...	8.73	2.8	ng/ul	39908	1	8.16	282346	20.0
(DEL) Alkane: Str...	8.81	3.0	ng/ul	42788	1	8.16	282346	20.0
(DEL) Alkane: Cyc...	8.91	3.1	ng/ul	44406	1	8.16	282346	20.0
(DEL) Alkane: Cyc...	9.27	6.5	ng/ul	91367	1	8.16	282346	20.0
unknown-01	9.47	2.3	ng/ul	33024	1	8.16	282346	20.0
1-Hexanol, 5-meth...	9.79	2.0	ng/ul	49194	2	10.98	491819	20.0
(DEL) Alkane: Bra...	9.89	5.5	ng/ul	136054	2	10.98	491819	20.0
(DEL) Alkane: Bra...	10.15	3.6	ng/ul	87533	2	10.98	491819	20.0
(DEL) Alkane: Str...	10.29	4.5	ng/ul	110082	2	10.98	491819	20.0
(DEL) Alkane: Bra...	10.38	6.4	ng/ul	158031	2	10.98	491819	20.0
(DEL) Alkane: Cyc...	10.48	3.6	ng/ul	88244	2	10.98	491819	20.0
(DEL) Alkane: Str...	10.69	2.9	ng/ul	71536	2	10.98	491819	20.0
(DEL) Alkane: Bra...	10.75	2.8	ng/ul	68757	2	10.98	491819	20.0
(DEL) Alkane: Bra...	10.86	2.7	ng/ul	65888	2	10.98	491819	20.0
(DEL) Alkane: Str...	10.93	41.6	ng/ul	1024240	2	10.98	491819	20.0
unknown-02	11.19	2.6	ng/ul	64295	2	10.98	491819	20.0
(DEL) Alkane: Bra...	11.46	4.8	ng/ul	118023	2	10.98	491819	20.0
(DEL) Alkane: Str...	11.67	16.7	ng/ul	409802	2	10.98	491819	20.0
(DEL) Alkane: Str...	11.79	7.7	ng/ul	188672	2	10.98	491819	20.0
(DEL) Alkane: Bra...	11.87	11.6	ng/ul	285313	2	10.98	491819	20.0
(DEL) Alkane: Str...	11.97	28.6	ng/ul	704576	2	10.98	491819	20.0
(DEL) Alkane: Cyc...	12.01	3.3	ng/ul	82069	2	10.98	491819	20.0
(DEL) Alkane: Bra...	12.16	3.6	ng/ul	89576	2	10.98	491819	20.0
(DEL) Alkane: Str...	12.24	7.0	ng/ul	172559	2	10.98	491819	20.0
(DEL) Alkane: Bra...	12.36	61.3	ng/ul	1507100	2	10.98	491819	20.0
Borinic acid, die...	12.77	2.4	ng/ul	57995	2	10.98	491819	20.0
(DEL) Alkane: Str...	12.99	8.3	ng/ul	274984	3	14.79	665903	20.0
(DEL) Alkane: Str...	13.09	4.4	ng/ul	145737	3	14.79	665903	20.0
1-Decanol, 2,2-di...	13.17	7.3	ng/ul	242245	3	14.79	665903	20.0
(DEL) Alkane: Str...	13.25	6.2	ng/ul	206206	3	14.79	665903	20.0
(DEL) Alkane: Cyc...	13.31	24.8	ng/ul	825457	3	14.79	665903	20.0
(DEL) Alkane: Str...	13.60	64.2	ng/ul	2136450	3	14.79	665903	20.0
(DEL) Alkane: Str...	14.11	6.8	ng/ul	224989	3	14.79	665903	20.0
(DEL) Alkane: Str...	14.29	9.5	ng/ul	317565	3	14.79	665903	20.0
(DEL) Alkane: Str...	14.36	6.0	ng/ul	197966	3	14.79	665903	20.0
(DEL) Alkane: Str...	14.66	74.3	ng/ul	2474760	3	14.79	665903	20.0
(DEL) Alkane: Cyc...	14.74	9.4	ng/ul	313160	3	14.79	665903	20.0
(DEL) Alkane: Str...	15.10	8.6	ng/ul	287292	3	14.79	665903	20.0
(DEL) Alkane: Str...	15.16	10.8	ng/ul	359406	3	14.79	665903	20.0
(DEL) Alkane: Str...	15.21	7.2	ng/ul	241197	3	14.79	665903	20.0
(DEL) Alkane: Str...	15.28	28.1	ng/ul	934986	3	14.79	665903	20.0
(DEL) Alkane: Str...	15.34	7.2	ng/ul	239916	3	14.79	665903	20.0
(DEL) Alkane: Bra...	15.61	78.7	ng/ul	2620090	3	14.79	665903	20.0
(DEL) Alkane: Str...	15.66	5.3	ng/ul	176840	3	14.79	665903	20.0
(DEL) Alkane: Cyc...	15.71	5.5	ng/ul	182138	3	14.79	665903	20.0
(DEL) Alkane: Bra...	16.01	45.7	ng/ul	1523010	3	14.79	665903	20.0
(DEL) Alkane: Str...	16.10	9.5	ng/ul	317029	3	14.79	665903	20.0

(DEL) Alkane: Str...	16.16	14.8 ng/ul	464427	4	17.53	625953	20.0
(DEL) Alkane: Cyc...	16.23	16.3 ng/ul	510021	4	17.53	625953	20.0
(DEL) Alkane: Str...	16.47	108.4 ng/ul	3393570	4	17.53	625953	20.0
Tridecane, 1-iodo-	16.81	9.8 ng/ul	307832	4	17.53	625953	20.0
(DEL) Alkane: Str...	16.93	5.0 ng/ul	157255	4	17.53	625953	20.0
2-Bromo dodecane	16.97	7.8 ng/ul	244973	4	17.53	625953	20.0
(DEL) Alkane: Cyc...	17.04	8.6 ng/ul	268713	4	17.53	625953	20.0
(DEL) Alkane: Bra...	17.26	75.1 ng/ul	2349320	4	17.53	625953	20.0
(DEL) Alkane: Str...	17.31	34.1 ng/ul	1067660	4	17.53	625953	20.0
(DEL) Alkane: Str...	17.73	9.4 ng/ul	292915	4	17.53	625953	20.0
(DEL) Alkane: Str...	17.91	7.3 ng/ul	228071	4	17.53	625953	20.0
(DEL) Alkane: Str...	18.00	63.6 ng/ul	1989280	4	17.53	625953	20.0
(DEL) Alkane: Str...	18.44	7.5 ng/ul	233099	4	17.53	625953	20.0
(DEL) Alkane: Str...	18.68	45.4 ng/ul	1420560	4	17.53	625953	20.0
(DEL) Alkane: Str...	19.31	34.2 ng/ul	1070530	4	17.53	625953	20.0
(DEL) Alkane: Str...	20.41	7.8 ng/ul	302154	5	21.81	775942	20.0
(DEL) Alkane: Str...	20.90	3.0 ng/ul	117363	5	21.81	775942	20.0

Instrument :
BNA_G
ClientSampleId :
JHGF2