

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052716\
 Data File : BG022103.D
 Acq On : 27 May 2016 10:38
 Operator : UM/SJ
 Sample : H3201-05DL 10X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCZK0DL

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	7.326	761	764	771	rVB3	3459	6556	0.20%	0.020%
2	7.467	782	788	793	rBV5	4002	9103	0.27%	0.028%
3	7.696	821	827	833	rVB4	6983	14372	0.43%	0.044%
4	7.931	860	867	870	rBV3	3202	6487	0.19%	0.020%
5	8.025	877	883	885	rBV4	4033	7752	0.23%	0.024%
6	8.072	887	891	892	rVV3	5223	7703	0.23%	0.024%
7	8.113	892	898	900	rVV3	15907	31451	0.94%	0.096%
8	8.154	900	905	919	rVB	113286	237689	7.12%	0.726%
9	8.272	920	925	926	rBV4	3072	4605	0.14%	0.014%
10	8.324	928	934	938	rBV6	10263	18661	0.56%	0.057%
11	8.389	938	945	949	rVV5	6784	14372	0.43%	0.044%
12	8.495	955	963	970	rVB10	7231	18498	0.55%	0.057%
13	8.565	970	975	983	rBV7	10234	28045	0.84%	0.086%
14	8.712	991	1000	1008	rVB10	12433	39011	1.17%	0.119%
15	8.812	1012	1017	1025	rBV4	12230	32353	0.97%	0.099%
16	8.889	1027	1030	1031	rBV3	2571	3356	0.10%	0.010%
17	8.918	1032	1035	1036	rBV3	3821	3865	0.12%	0.012%
18	9.000	1043	1049	1050	rBV2	17146	28282	0.85%	0.086%
19	9.129	1063	1071	1074	rBV6	11387	28216	0.84%	0.086%
20	9.253	1082	1092	1101	rBV3	44435	133048	3.98%	0.407%
21	9.347	1101	1108	1115	rBV5	34925	88104	2.64%	0.269%
22	9.406	1116	1118	1123	rVB5	11265	14041	0.42%	0.043%
23	9.458	1123	1127	1130	rBV3	31699	58846	1.76%	0.180%
24	9.617	1142	1154	1163	rBV5	43006	129551	3.88%	0.396%
25	9.705	1164	1169	1176	rBV6	23398	55916	1.67%	0.171%
26	9.787	1177	1183	1188	rBV	62788	119737	3.59%	0.366%
27	9.887	1195	1200	1210	rVB6	44128	131129	3.93%	0.401%
28	10.022	1215	1223	1229	rBV5	42046	136899	4.10%	0.418%
29	10.146	1236	1244	1248	rBV6	54800	126101	3.78%	0.385%
30	10.287	1262	1268	1274	rBV3	48625	100585	3.01%	0.307%
31	10.369	1277	1282	1293	rVB5	55398	150835	4.52%	0.461%
32	10.475	1294	1300	1304	rBV3	44487	86866	2.60%	0.265%
33	10.545	1306	1312	1318	rVV6	41918	107929	3.23%	0.330%
34	10.675	1327	1334	1340	rBV5	100429	220693	6.61%	0.674%

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35	10.739	1340	1345	1350	rBV6	49614	106978	3.20%	0.327%
36	10.816	1354	1358	1360	rBV4	39564	57572	1.72%	0.176%
37	10.921	1370	1376	1381	rBV2	155322	292571	8.76%	0.894%
38	10.980	1381	1386	1391	rVB	212963	386155	11.56%	1.180%
39	11.109	1402	1408	1414	rVB	444642	829523	24.84%	2.535%
40	11.174	1414	1419	1426	rBV5	96226	276675	8.28%	0.845%
41	11.339	1439	1447	1450	rBV7	73354	190807	5.71%	0.583%
42	11.456	1462	1467	1472	rVB4	136022	253932	7.60%	0.776%
43	11.503	1472	1475	1478	rBV6	42309	64843	1.94%	0.198%
44	11.785	1518	1523	1529	rBV5	201422	389778	11.67%	1.191%
45	11.867	1532	1537	1545	rVB3	218643	478710	14.33%	1.463%
46	11.967	1548	1554	1559	rBV	925859	1681979	50.37%	5.140%
47	12.014	1559	1562	1566	rVB2	167379	247300	7.41%	0.756%
48	12.161	1582	1587	1592	rVB3	82376	150362	4.50%	0.459%
49	12.238	1594	1600	1607	rBV7	184822	473906	14.19%	1.448%
50	12.361	1615	1621	1631	rBV	703859	1302555	39.00%	3.980%
51	12.572	1652	1657	1664	rVB3	344936	839764	25.15%	2.566%
52	12.643	1665	1669	1671	rBV4	70269	107449	3.22%	0.328%
53	12.984	1722	1727	1731	rBV3	373192	713157	21.35%	2.179%
54	13.089	1742	1745	1750	rVB	252568	345305	10.34%	1.055%
55	13.166	1753	1758	1763	rVV	298248	515347	15.43%	1.575%
56	13.248	1768	1772	1776	rVV	282415	471752	14.13%	1.442%
57	13.307	1776	1782	1790	rVB	1395254	2300896	68.90%	7.031%
58	13.589	1823	1830	1839	rBV	1376885	2832711	84.82%	8.656%
59	13.830	1868	1871	1877	rVB3	190240	279354	8.37%	0.854%
60	13.983	1893	1897	1901	rVB2	154903	223898	6.70%	0.684%
61	14.112	1915	1919	1923	rBV4	189559	342967	10.27%	1.048%
62	14.153	1923	1926	1931	rVB3	271499	394872	11.82%	1.207%
63	14.241	1931	1941	1946	rBV3	1525838	3339538	100.00%	10.205%
64	14.288	1946	1949	1956	rVB2	376408	631036	18.90%	1.928%
65	14.359	1957	1961	1965	rBV	292147	376303	11.27%	1.150%
66	14.611	2000	2004	2007	rBV2	207620	304091	9.11%	0.929%
67	14.652	2007	2011	2020	rVB	1064687	1718589	51.46%	5.252%
68	14.729	2020	2024	2029	rBV5	228723	533959	15.99%	1.632%
69	14.787	2031	2034	2042	rVB3	378124	628121	18.81%	1.919%
70	15.152	2093	2096	2101	rVB2	228929	343413	10.28%	1.049%
71	15.205	2102	2105	2111	rVB	163225	233437	6.99%	0.713%

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72	15.269	2111	2116	2123	rBV3	314878	688160	20.61%	2.103%
73	15.598	2168	2172	2177	rVB	538325	777938	23.29%	2.377%
74	16.004	2234	2241	2246	rBV	394885	765398	22.92%	2.339%
75	16.221	2275	2278	2282	rVB3	100747	135974	4.07%	0.416%
76	16.480	2314	2322	2328	rBV	459716	1015259	30.40%	3.102%
77	17.249	2449	2453	2457	rBV	80519	100937	3.02%	0.308%
78	17.302	2457	2462	2466	rBV	152208	227962	6.83%	0.697%
79	17.531	2495	2501	2507	rBV2	281464	495879	14.85%	1.515%
80	17.790	2541	2545	2550	rBV7	27378	57506	1.72%	0.176%
81	17.907	2562	2565	2571	rVB2	42512	62419	1.87%	0.191%
82	17.990	2575	2579	2585	rVB	70085	104290	3.12%	0.319%
83	18.677	2693	2696	2700	rVB2	51623	62181	1.86%	0.190%
84	19.129	2770	2773	2779	rVB	121600	176594	5.29%	0.540%
85	20.046	2926	2929	2931	rBV	169106	238513	7.14%	0.729%
86	21.668	3201	3205	3212	rVB	540013	955220	28.60%	2.919%

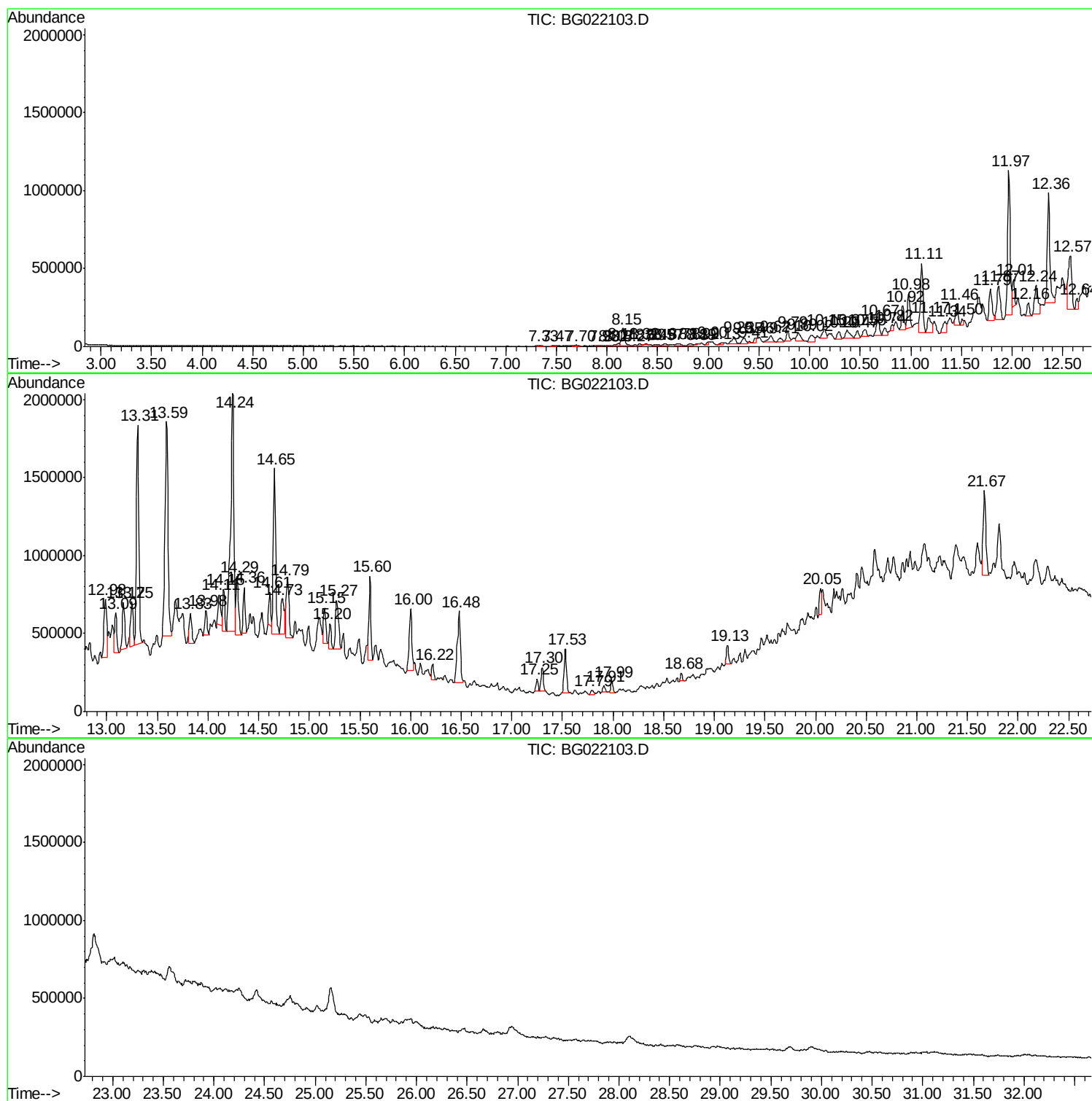
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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Sample : H3201-05DL 10X
Misc :
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Instrument :
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ClientSampleId :
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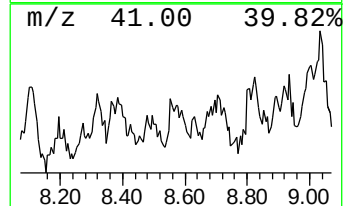
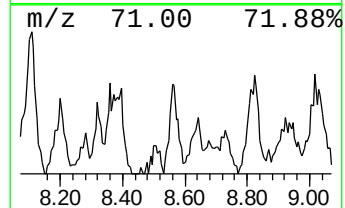
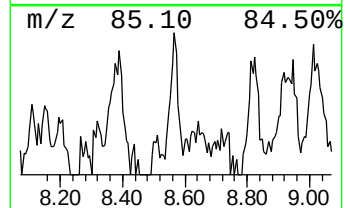
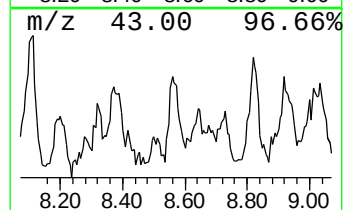
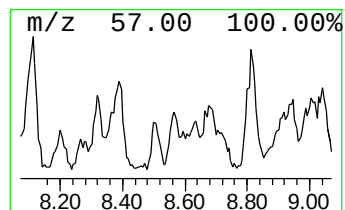
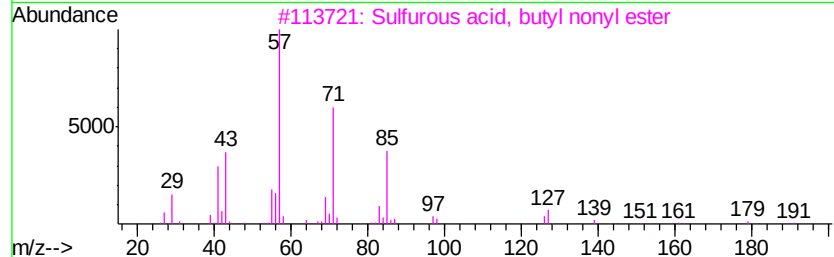
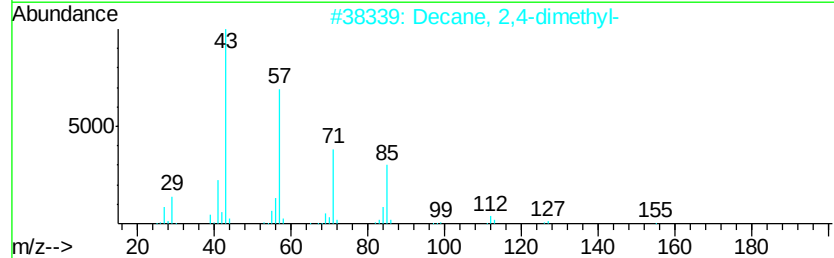
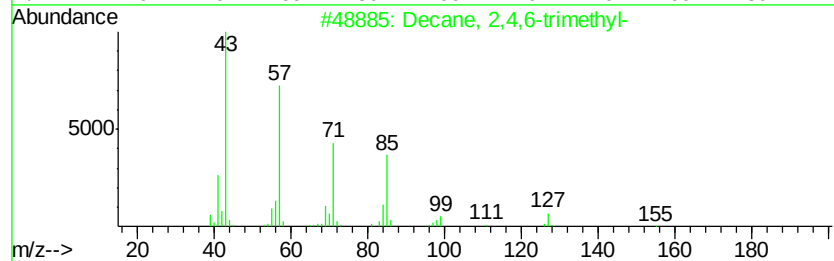
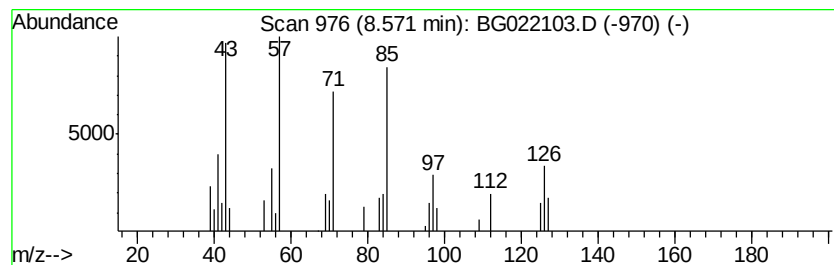
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	2.36 ng/ul	28045	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	64
2		Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	59
3		Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	59
4		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
5		Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	50



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ALS Vial : 3 Sample Multiplier: 1

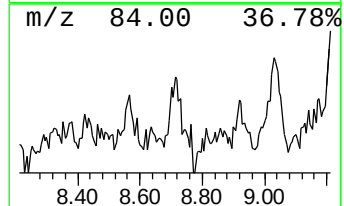
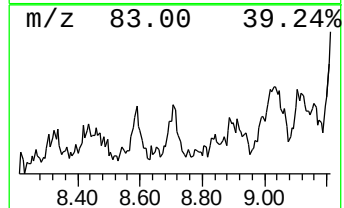
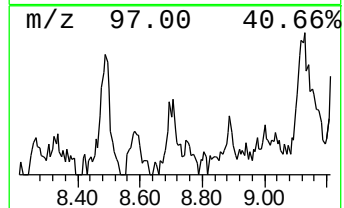
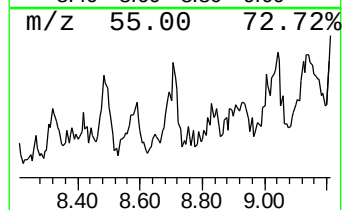
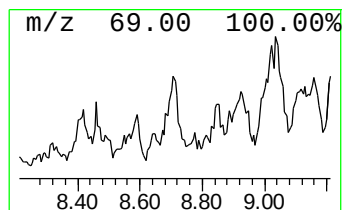
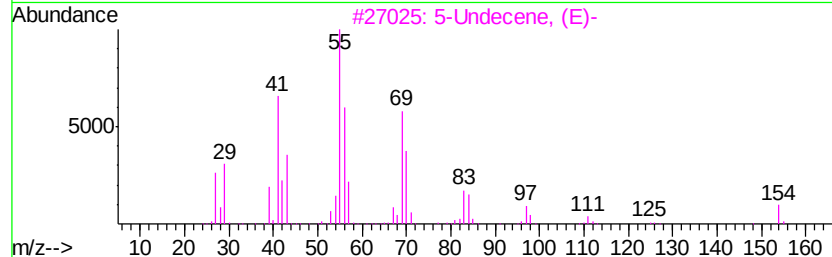
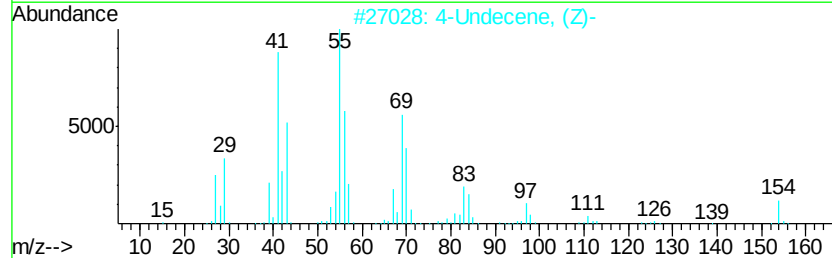
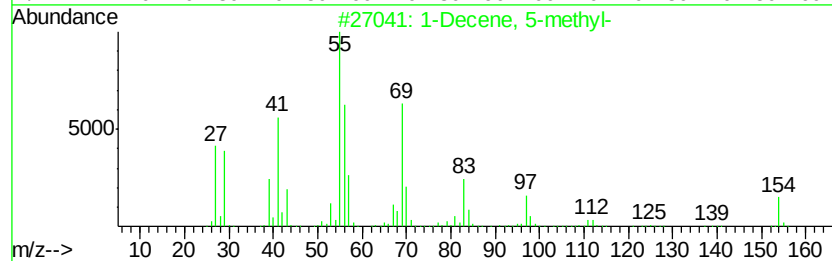
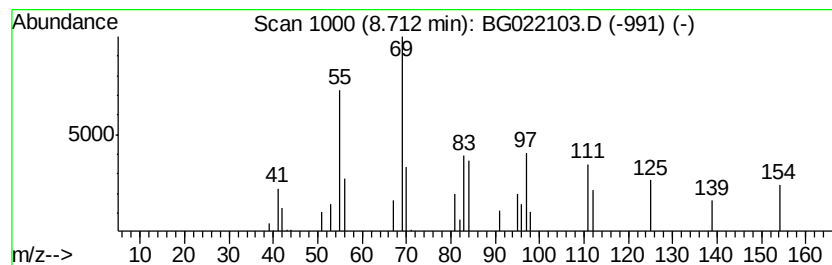
Instrument :
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.71	3.28 ng/ul	39011	1,4-Dichlorobenzene-d4	8.15	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decene, 5-methyl-	154	C11H22	054244-79-0	49
2	4-Undecene, (Z)-	154	C11H22	000821-98-7	47
3	5-Undecene, (E)-	154	C11H22	000764-97-6	47
4	4-Undecene, 6-methyl-	168	C12H24	1000061-85-4	43
5	4-Butyl-cyclohexanone	154	C10H18O	061203-82-5	30



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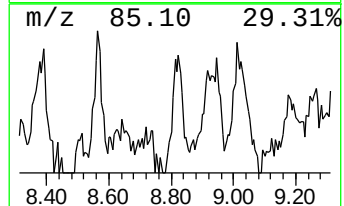
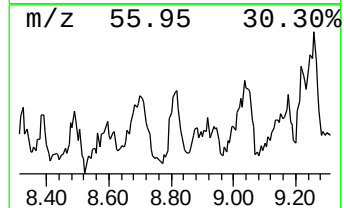
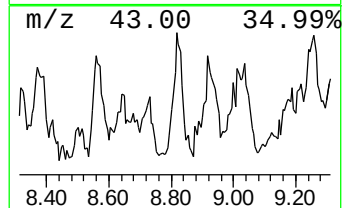
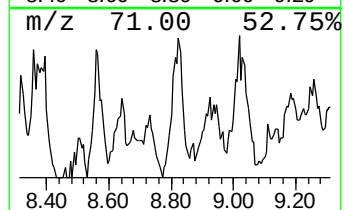
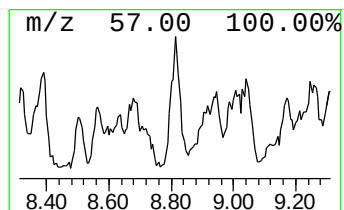
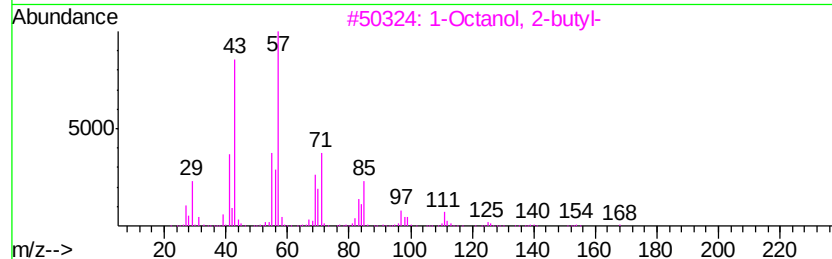
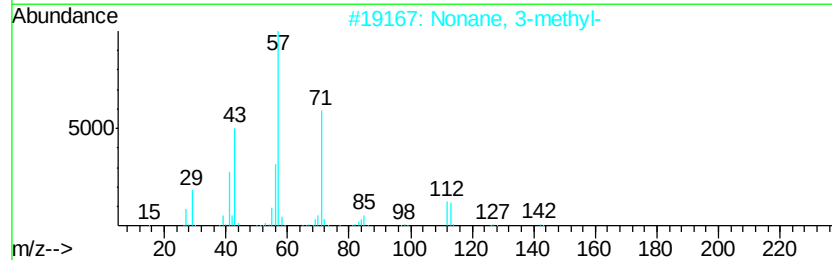
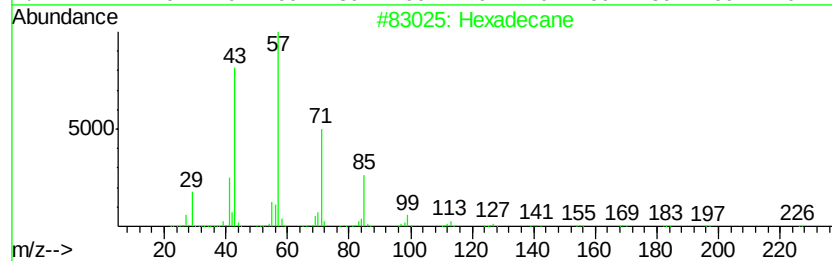
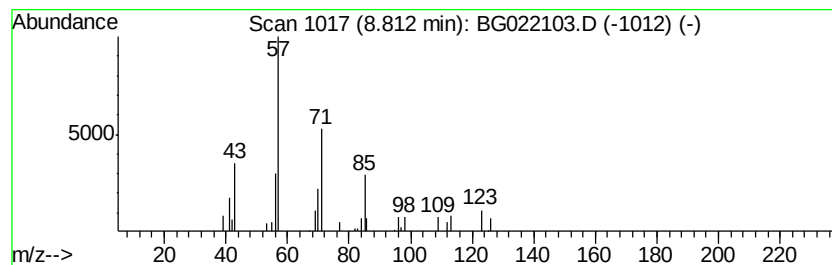
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.81	2.72 ng/ul	32353	1,4-Dichlorobenzene-d4	8.15	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	50
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	50
3	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	50
4	Octane, 4-ethyl-	142	C10H22	015869-86-0	45
5	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	43



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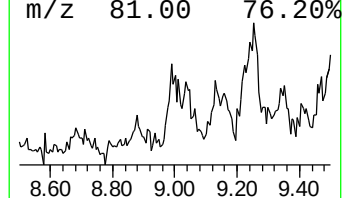
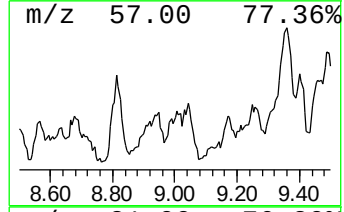
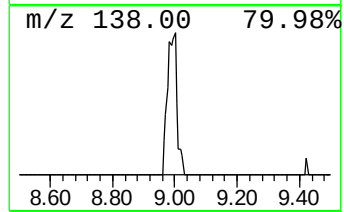
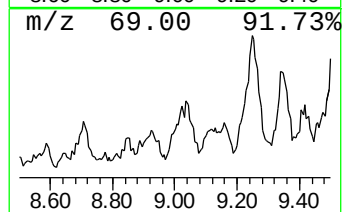
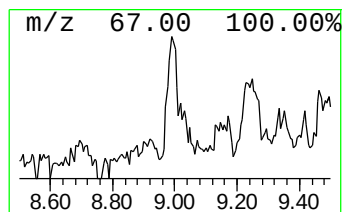
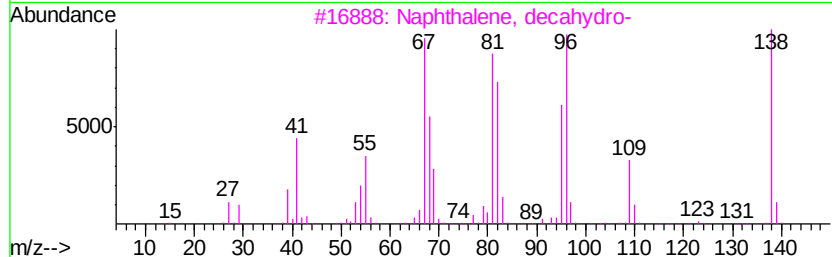
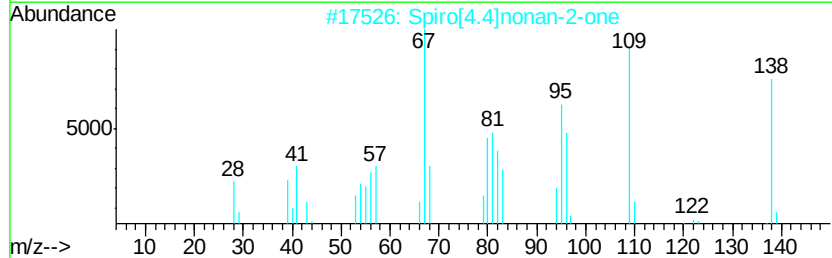
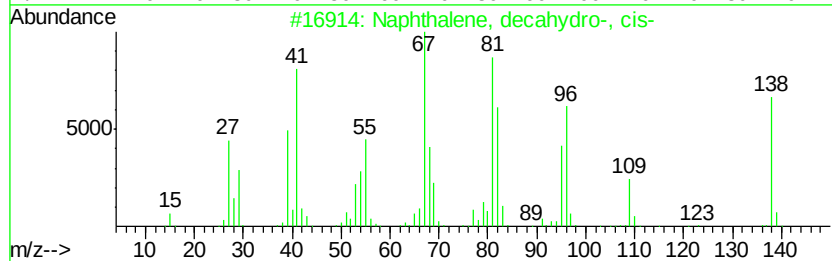
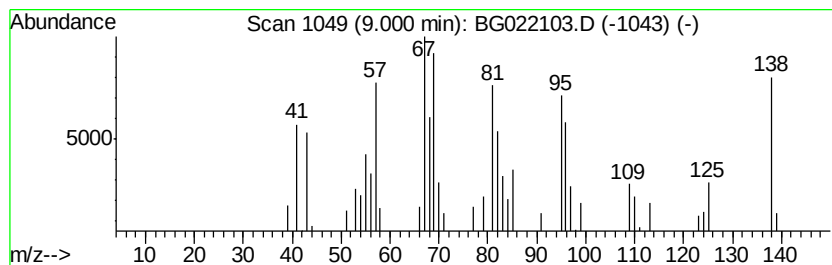
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	2.38 ng/ul	28282	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	64
2		Spiro[4.4]nonan-2-one	138	C9H14O	034177-18-9	64
3		Naphthalene, decahydro-	138	C10H18	000091-17-8	58
4		Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	55
5		Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	018968-23-5	53



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052716\
Data File : BG022103.D
Acq On : 27 May 2016 10:38
Operator : UM/SJ
Sample : H3201-05DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCZK0DL

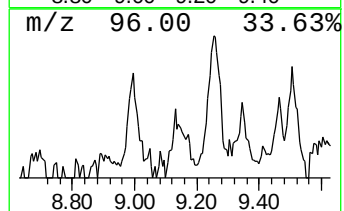
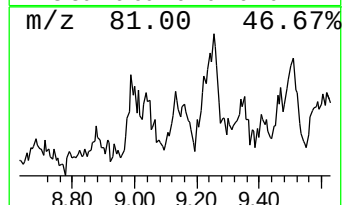
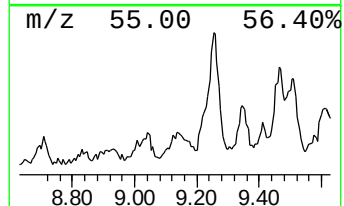
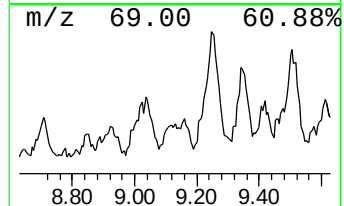
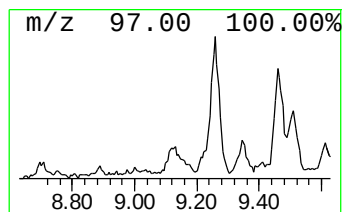
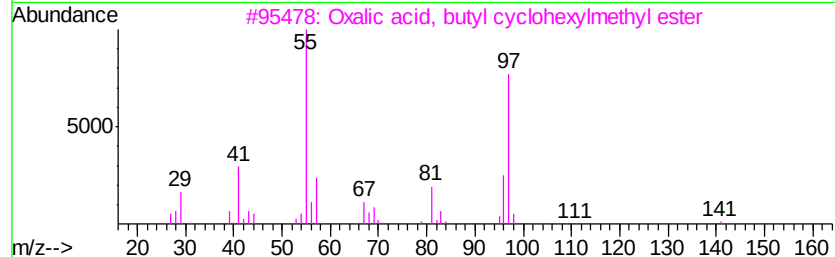
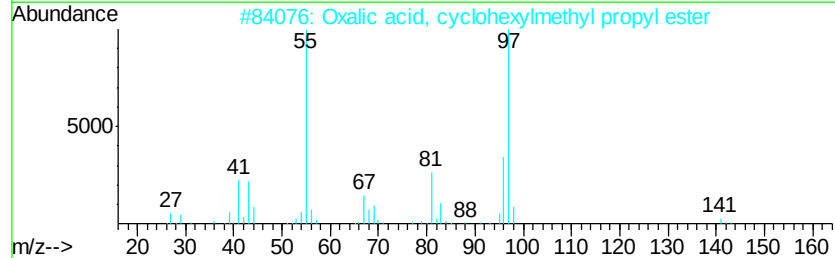
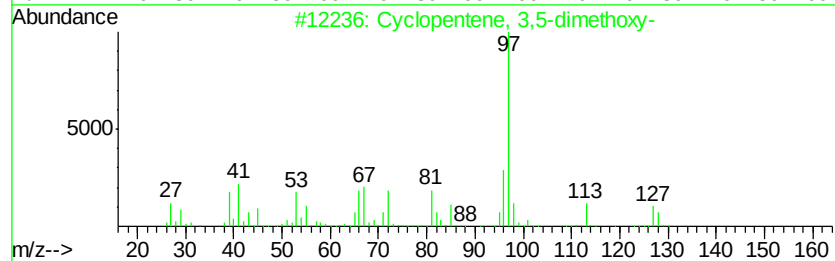
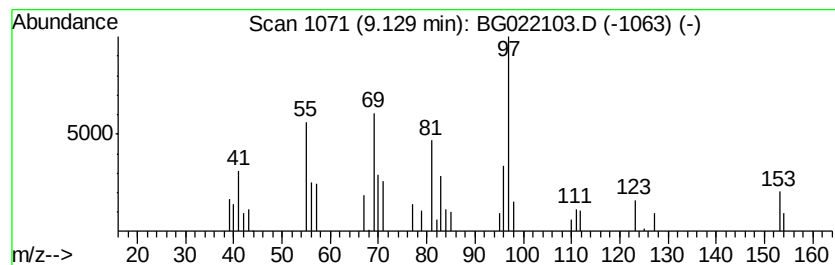
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	2.37 ng/ul	28216	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentene, 3,5-dimethoxy-	128	C7H12O2	089897-05-2	50
2		Oxalic acid, cyclohexylmethyl pr...	228	C12H20O4	1000309-68-1	47
3		Oxalic acid, butyl cyclohexylmet...	242	C13H22O4	1000309-68-2	47
4		trans-1,3-Diethylcyclopentane	126	C9H18	1000113-87-1	47
5		2-Cyclohexen-1-ol, 3-methyl-	112	C7H12O	021378-21-2	47



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052716\
Data File : BG022103.D
Acq On : 27 May 2016 10:38
Operator : UM/SJ
Sample : H3201-05DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
BCZK0DL

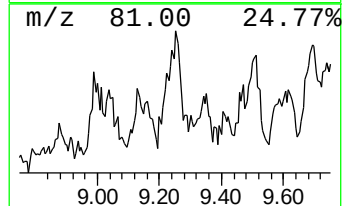
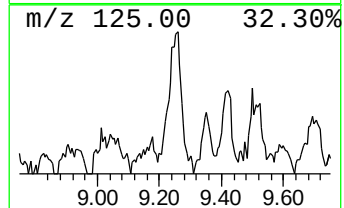
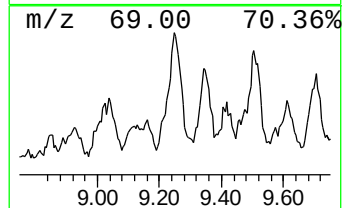
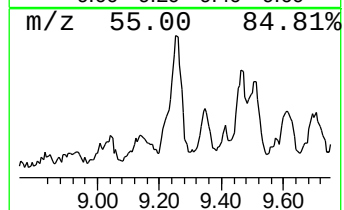
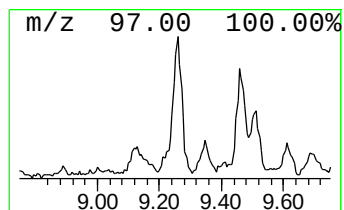
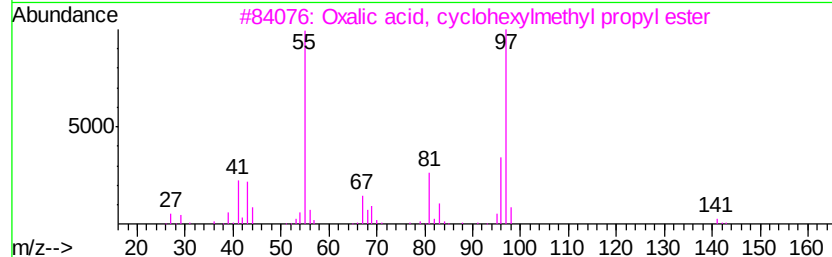
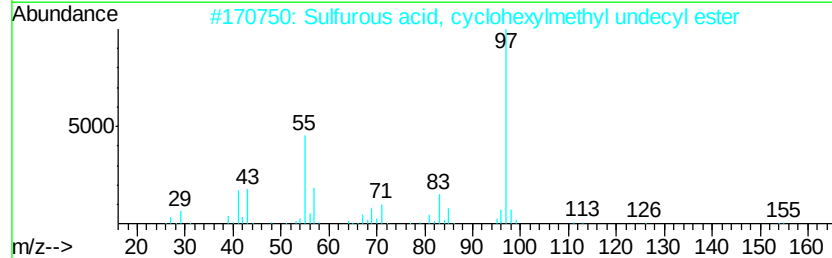
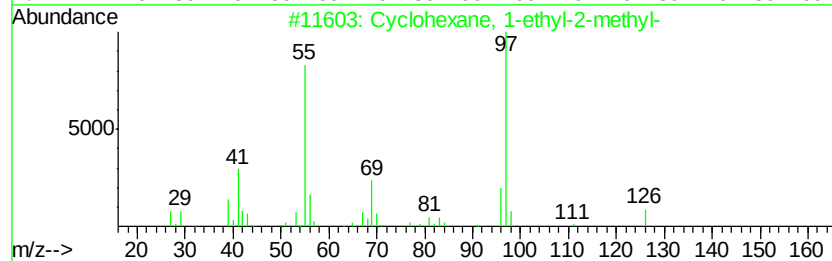
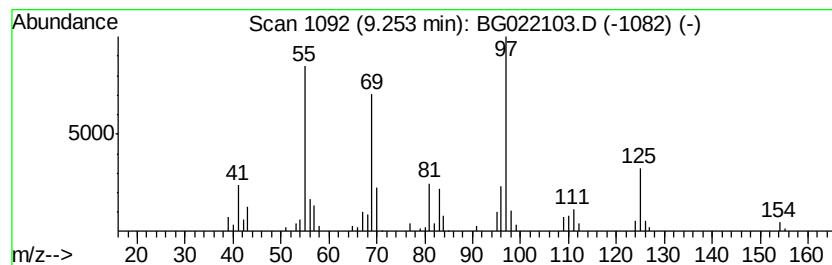
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Cyclohexane, 1-ethyl-2-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	11.20 ng/ul	133048	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	50
2		Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	50
3		Oxalic acid, cyclohexylmethyl pr...	228	C12H20O4	1000309-68-1	50
4		Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	50
5		Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	49



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052716\
Data File : BG022103.D
Acq On : 27 May 2016 10:38
Operator : UM/SJ
Sample : H3201-05DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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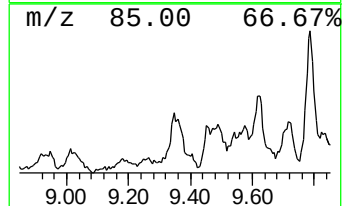
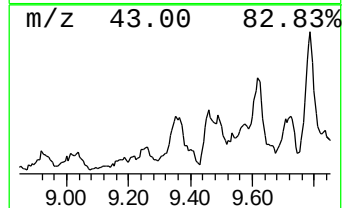
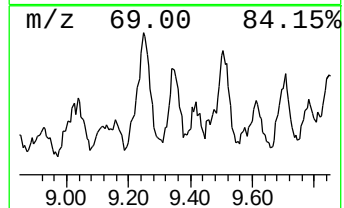
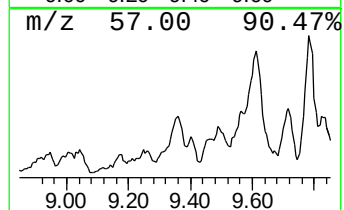
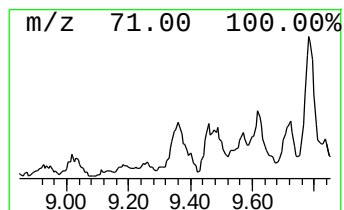
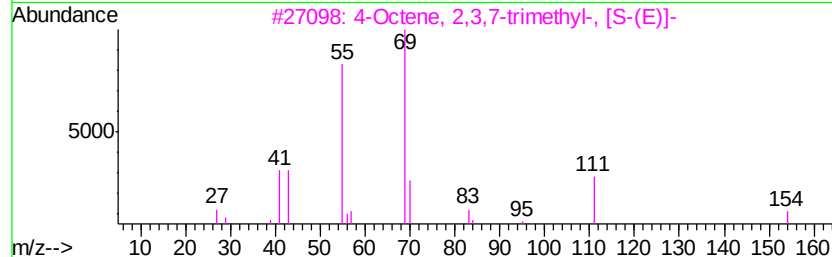
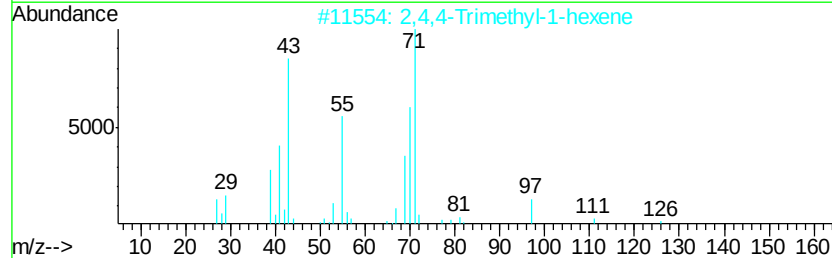
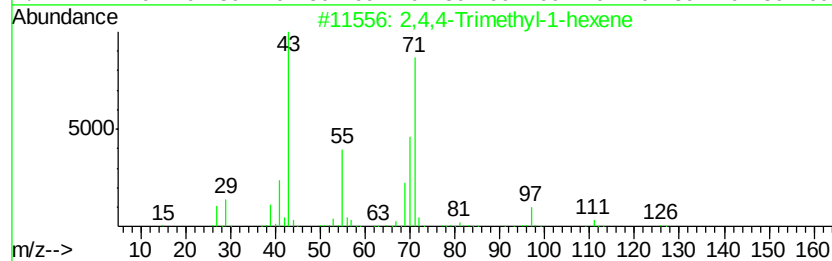
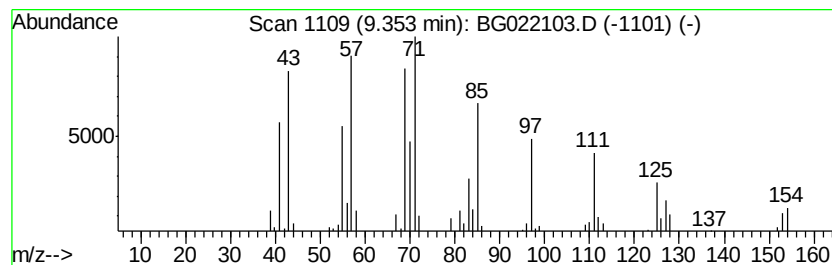
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown-01 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	7.41 ng/ul	88104	1,4-Dichlorobenzene-d4	8.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	30
2			2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	27
3			4-Octene, 2,3,7-trimethyl-, [S-(...	154	C11H22	052763-13-0	25
4			Cyclohexane, 1,2-diethyl-1-methyl-	154	C11H22	061141-79-5	22
5			Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	22



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052716\
Data File : BG022103.D
Acq On : 27 May 2016 10:38
Operator : UM/SJ
Sample : H3201-05DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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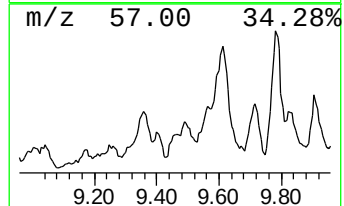
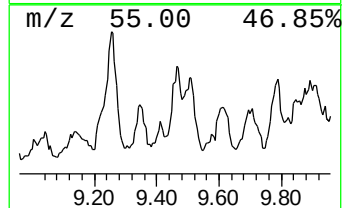
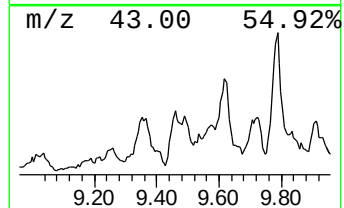
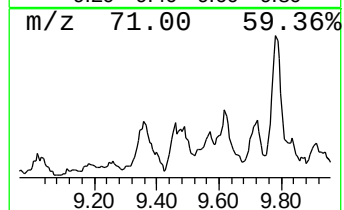
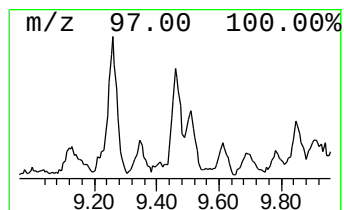
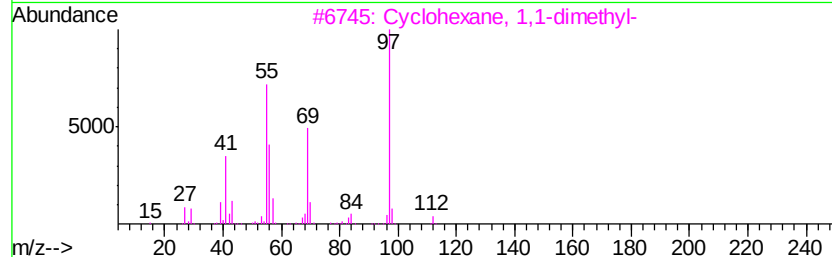
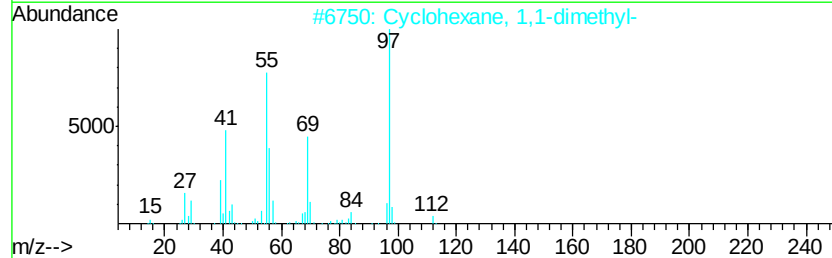
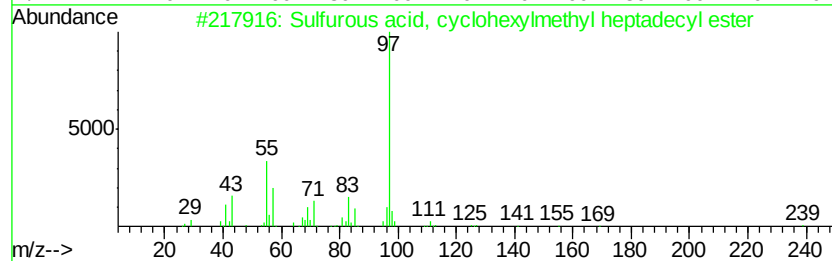
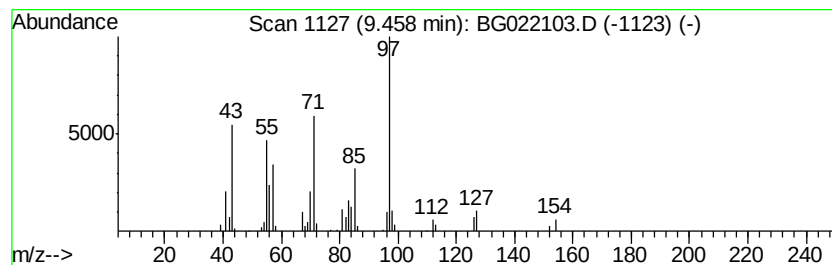
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Sulfurous acid, cyclohexylm... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	4.95 ng/ul	58846	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, cyclohexylmethyl...	416	C24H48O3S	1000309-22-5	50
2		Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	43
3		Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	43
4		2,4-Dimethyl-1,5-diazabicyclo[3....	112	C6H12N2	100463-01-2	43
5		Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	43



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052716\
Data File : BG022103.D
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Operator : UM/SJ
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Misc :
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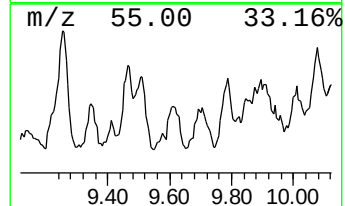
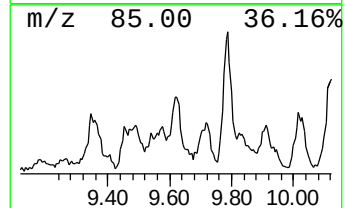
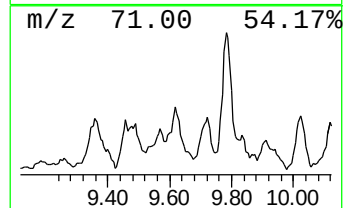
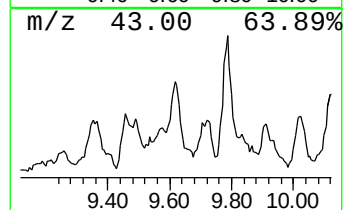
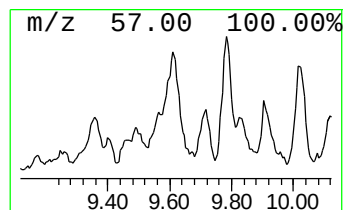
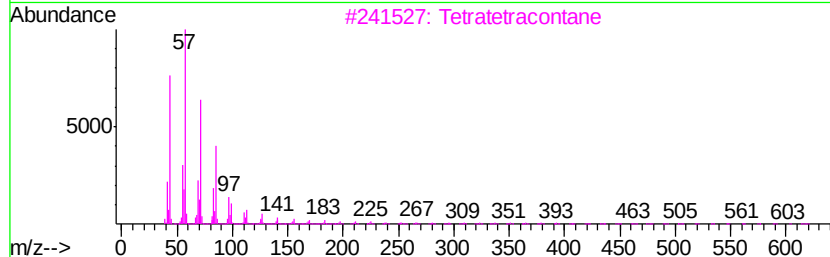
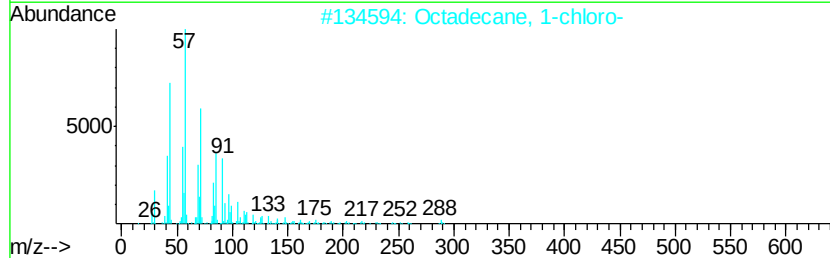
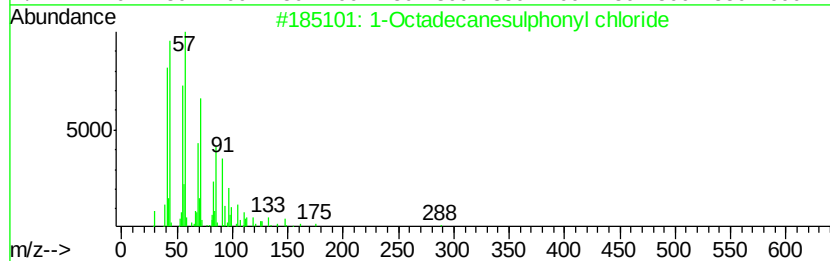
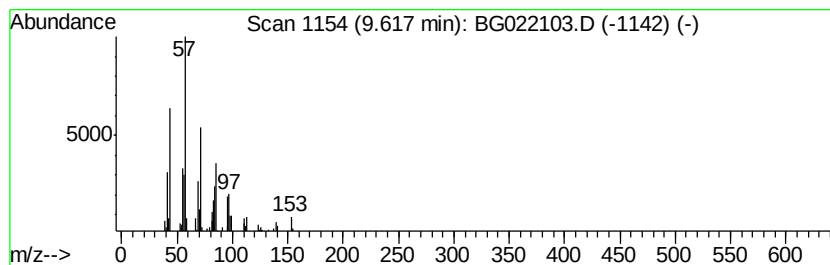
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 1-Octadecanesulphonyl chloride Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD		R.T.		
9.62	6.71 ng/ul	129551	Naphthalene-d8		10.97		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	58
2			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	52
3			Tetratetracontane	619	C44H90	007098-22-8	50
4			Hexadecane, 1-bromo-	304	C16H33Br	000112-82-3	47
5			Hexadecane	226	C16H34	000544-76-3	43



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052716\
Data File : BG022103.D
Acq On : 27 May 2016 10:38
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ClientSampleId :
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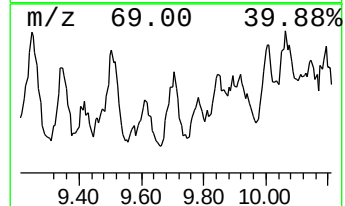
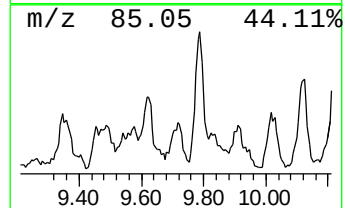
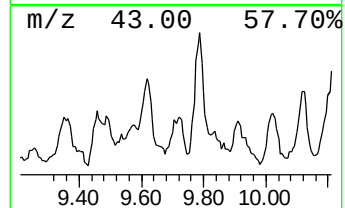
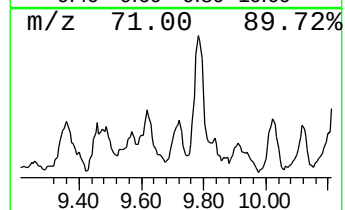
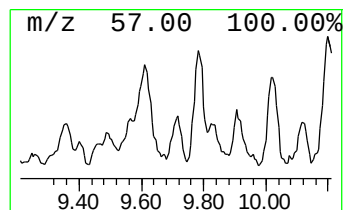
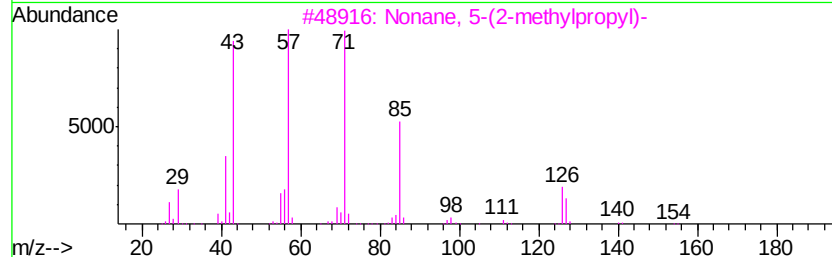
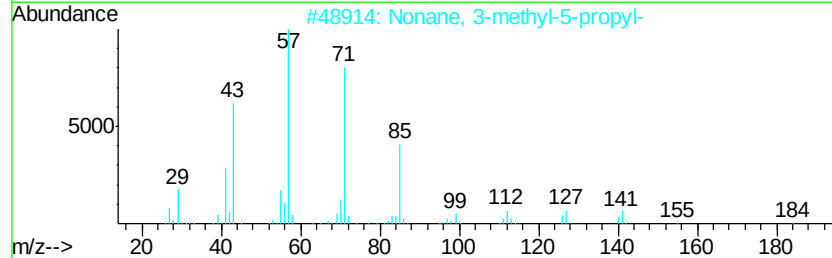
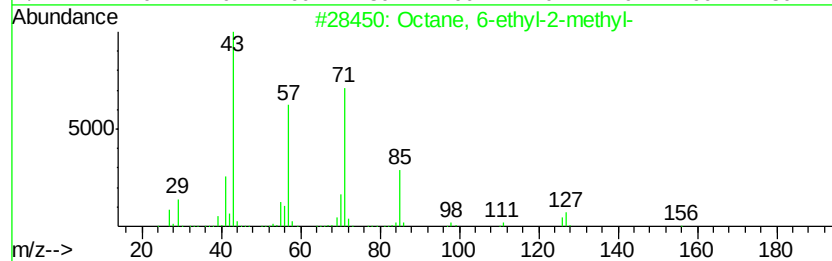
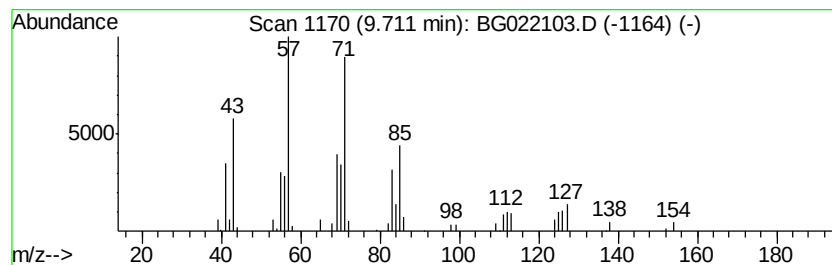
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 unknown-02 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	2.90 ng/ul	55916	Naphthalene-d8	10.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	43
2		Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	43
3		Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	38
4		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	38
5		3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052716\
Data File : BG022103.D
Acq On : 27 May 2016 10:38
Operator : UM/SJ
Sample : H3201-05DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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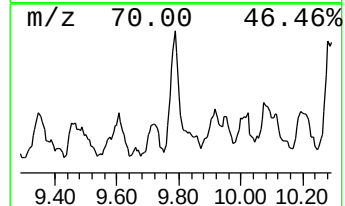
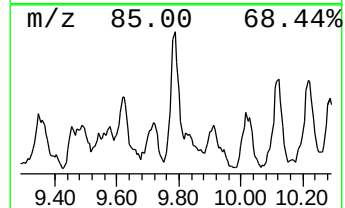
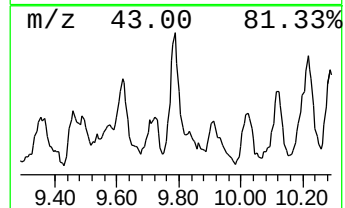
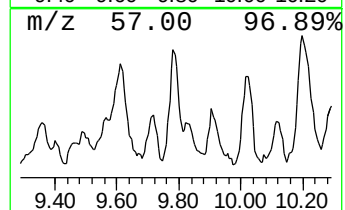
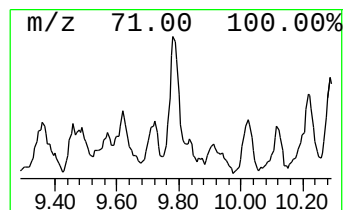
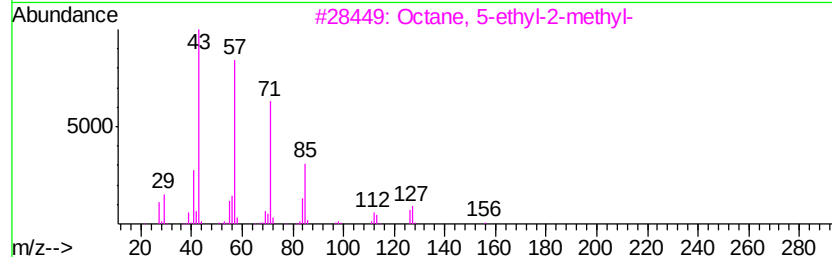
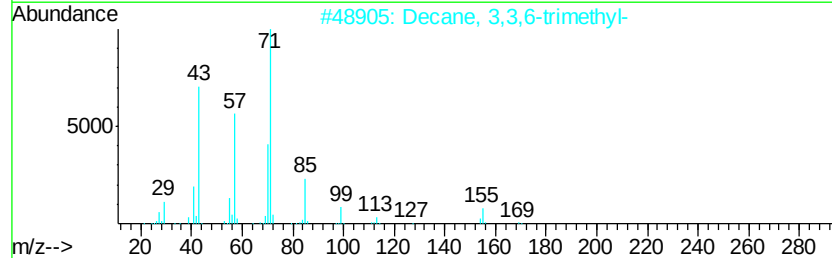
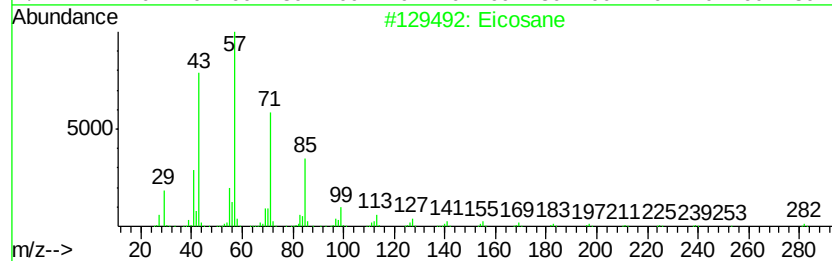
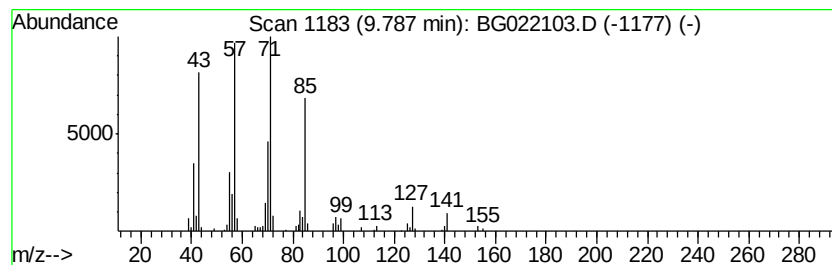
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	6.20 ng/ul	119737	Napthalene-d8	10.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	59
2			Decane, 3,3,6-trimethyl-	184	C13H28	062338-14-1	53
3			Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	53
4			Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	53
5			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	50



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052716\
Data File : BG022103.D
Acq On : 27 May 2016 10:38
Operator : UM/SJ
Sample : H3201-05DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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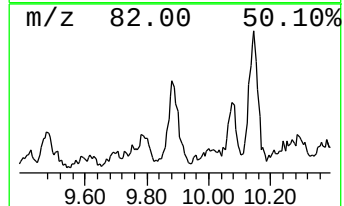
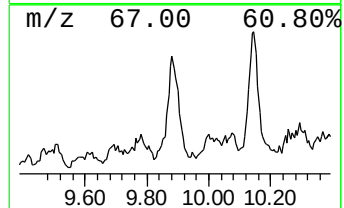
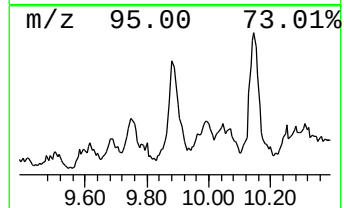
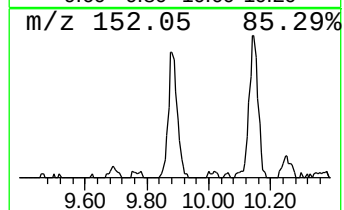
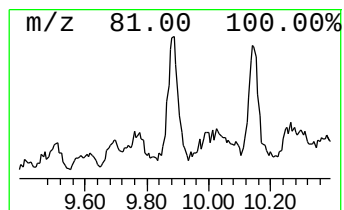
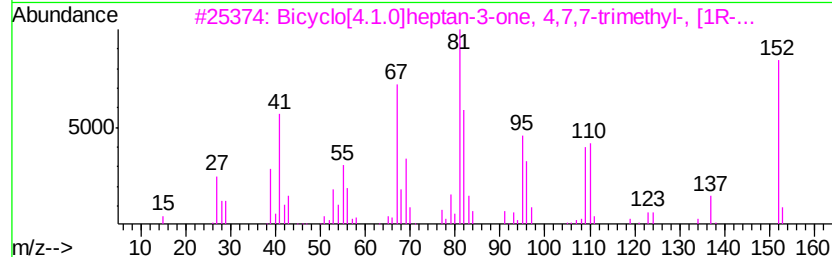
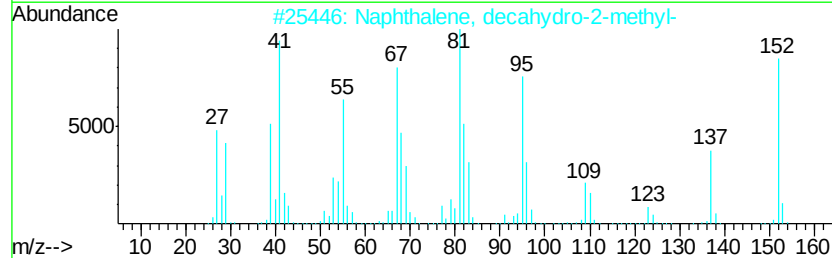
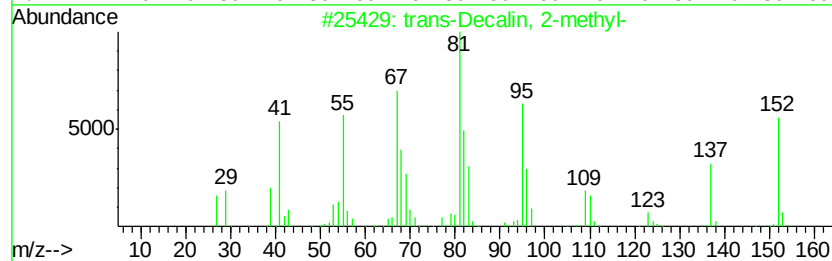
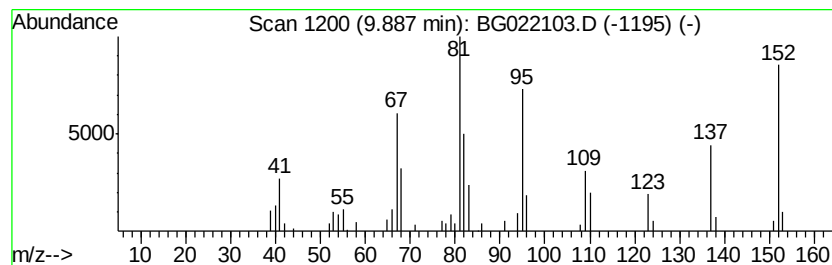
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 trans-Decalin, 2-methyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	6.79 ng/ul	131129	Naphthalene-d8	10.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	90
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
3			Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	72
4			Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	007764-50-3	64
5			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	62



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052716\
Data File : BG022103.D
Acq On : 27 May 2016 10:38
Operator : UM/SJ
Sample : H3201-05DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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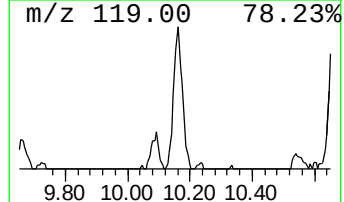
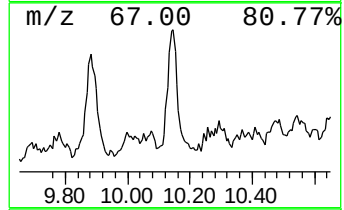
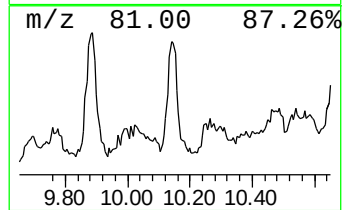
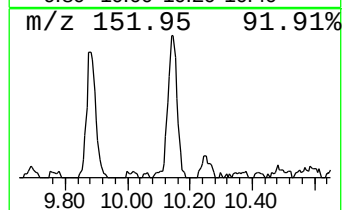
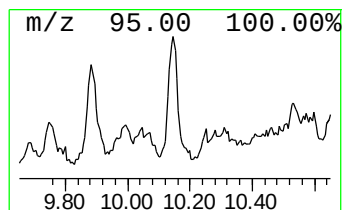
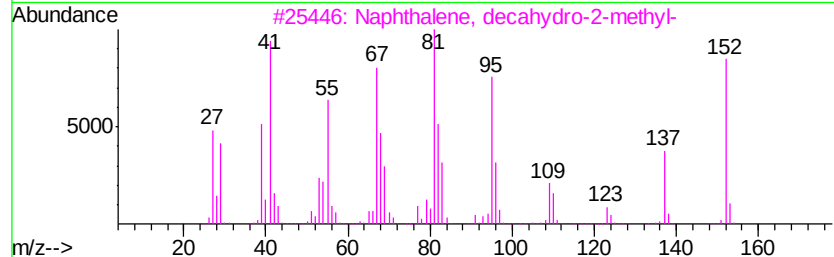
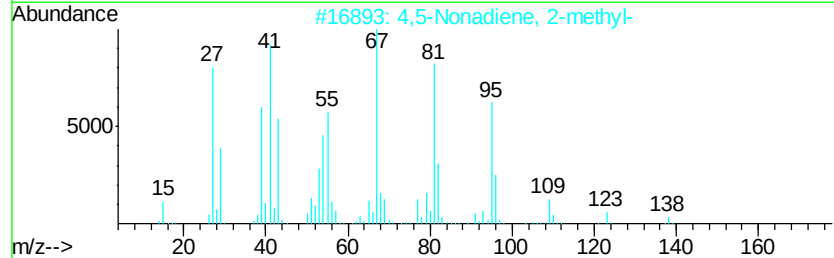
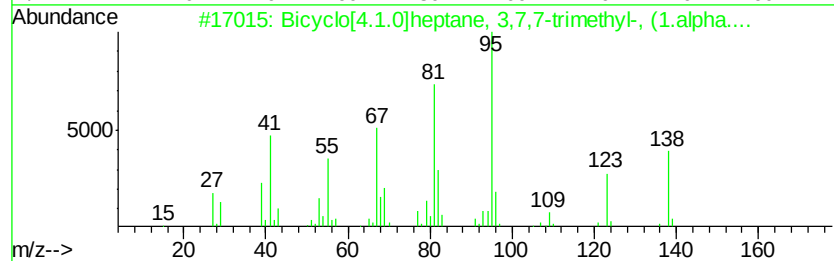
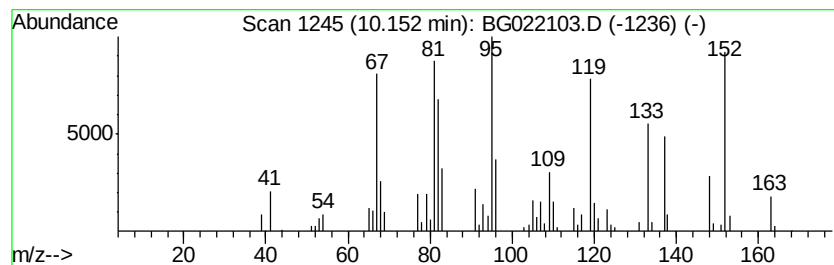
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Bicyclo[4.1.0]heptane, 3,7,... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.15	6.53 ng/ul	126101	Naphthalene-d8	10.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	018968-23-5	50
2		4,5-Nonadiene, 2-methyl-	138	C10H18	055956-32-6	49
3		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	49
4		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	45
5		1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	45



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052716\
Data File : BG022103.D
Acq On : 27 May 2016 10:38
Operator : UM/SJ
Sample : H3201-05DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

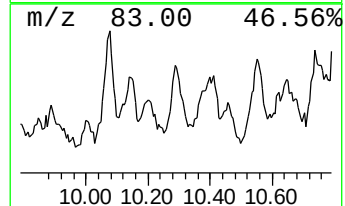
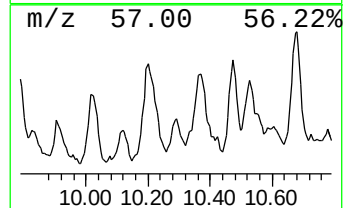
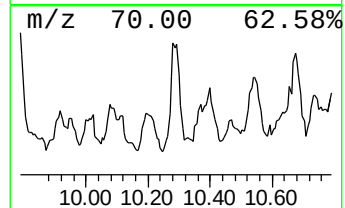
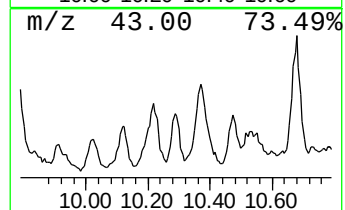
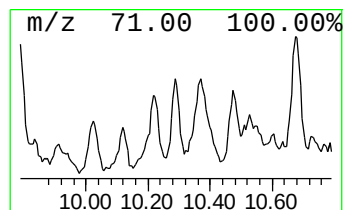
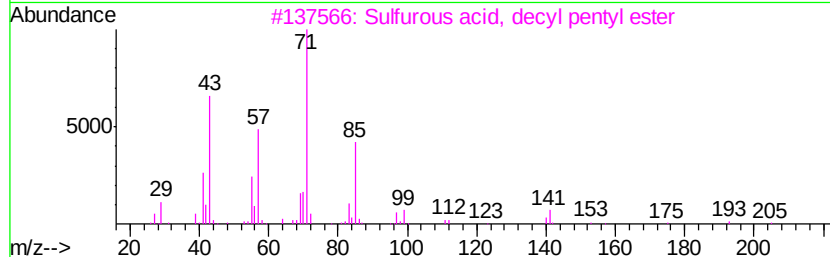
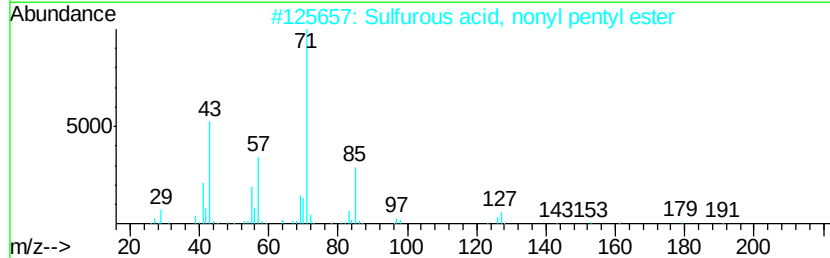
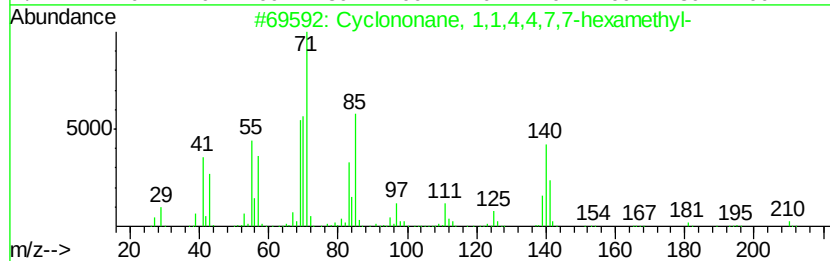
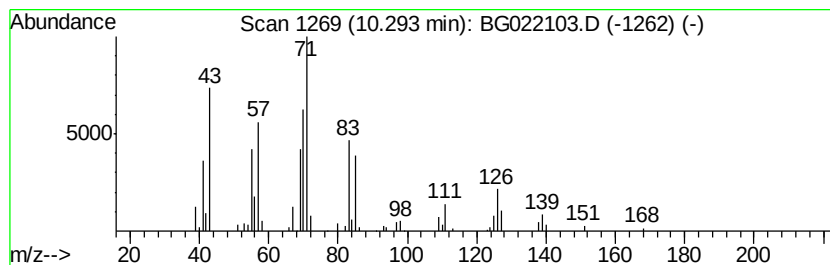
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Cyclononane, 1,1,4,4,7,7-he... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	5.21 ng/ul	100585	Naphthalene-d8	10.97
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclononane, 1,1,4,4,7,7-hexamet...	210 C15H30	149331-19-1 59
2		Sulfurous acid, nonyl pentyl ester	278 C14H30O3S	1000309-14-2 43
3		Sulfurous acid, decyl pentyl ester	292 C15H32O3S	1000309-14-3 43
4		Sulfurous acid, isobutyl 2-penty...	208 C9H20O3S	1000309-15-2 35
5		Sulfurous acid, pentadecyl 2-pro...	334 C18H38O3S	1000309-12-6 35



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052716\
Data File : BG022103.D
Acq On : 27 May 2016 10:38
Operator : UM/SJ
Sample : H3201-05DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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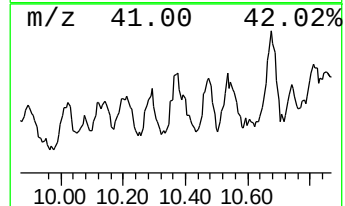
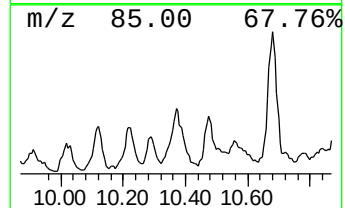
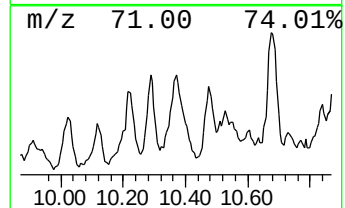
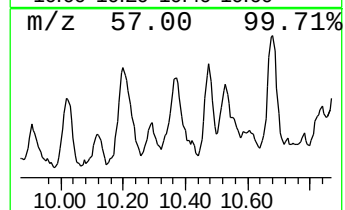
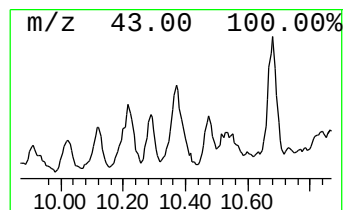
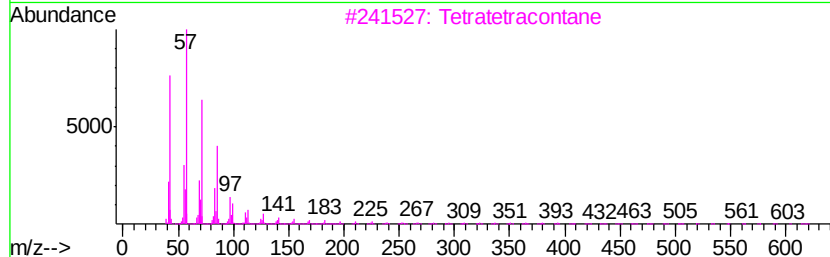
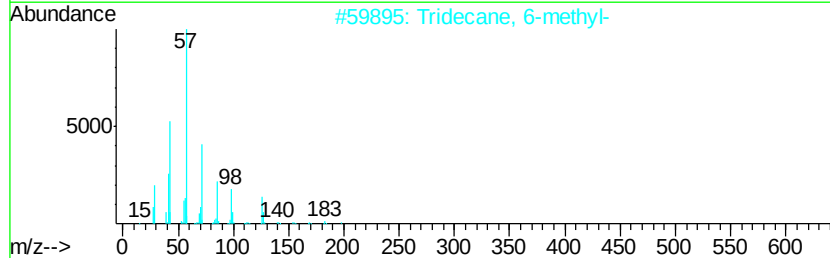
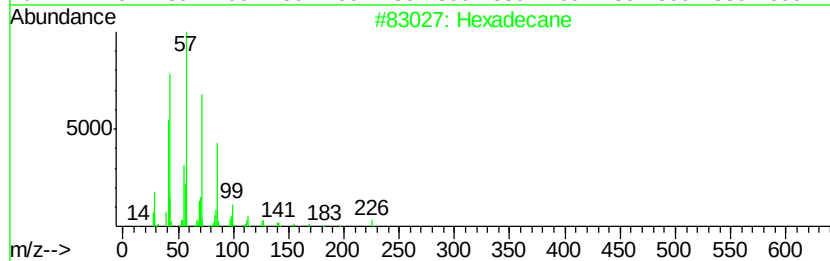
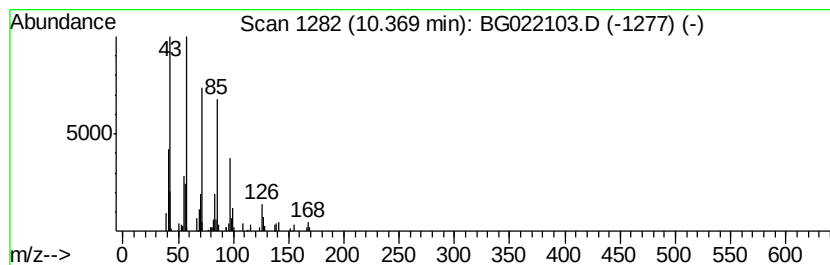
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	7.81 ng/ul	150835	Napthalene-d8	10.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	64
2		Tridecane, 6-methyl-	198	C14H30	013287-21-3	64
3		Tetratetracontane	619	C44H90	007098-22-8	58
4		Sulfurous acid, decyl 2-propyl e...	264	C13H28O3S	1000309-12-1	53
5		Oxalic acid, 6-ethyloct-3-yl eth...	258	C14H26O4	1000309-33-9	53



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052716\
Data File : BG022103.D
Acq On : 27 May 2016 10:38
Operator : UM/SJ
Sample : H3201-05DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

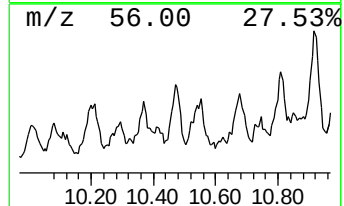
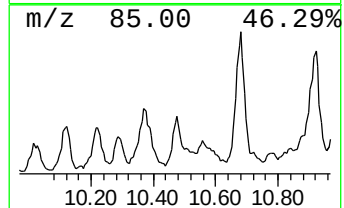
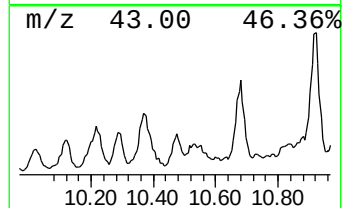
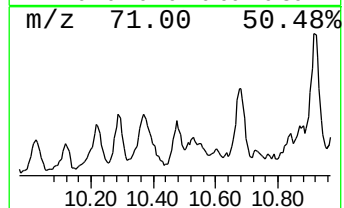
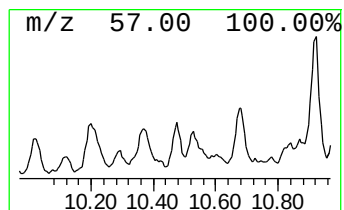
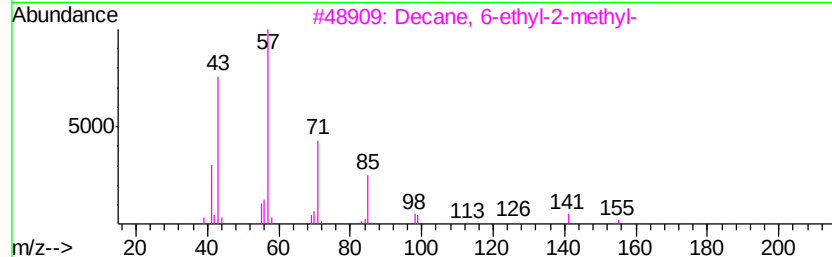
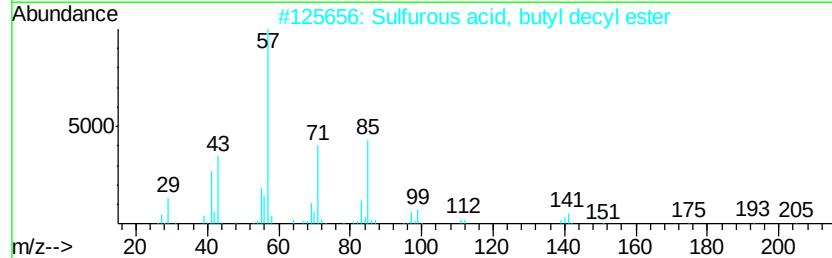
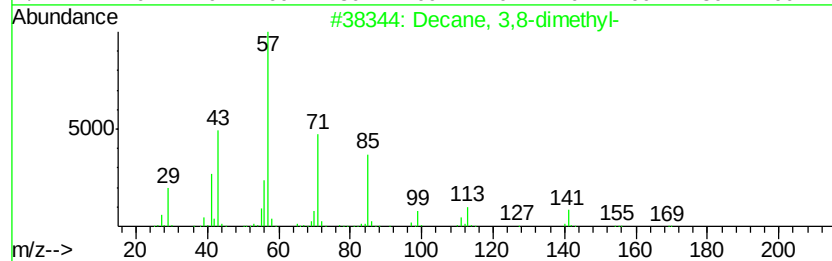
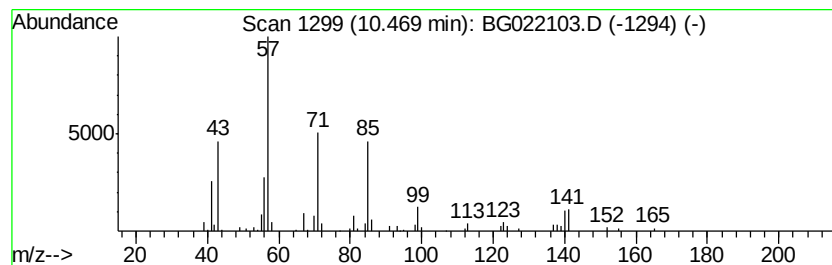
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	4.50 ng/ul	86866	Napthalene-d8	10.97
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Decane, 3,8-dimethyl-	170 C12H26	017312-55-9 72
2		Sulfurous acid, butyl decyl ester	278 C14H30O3S	1000309-17-7 72
3		Decane, 6-ethyl-2-methyl-	184 C13H28	062108-21-8 64
4		Tridecane, 2,5-dimethyl-	212 C15H32	056292-66-1 59
5		Borane, diethyl(decyloxy)-	226 C14H31BO	1000152-34-3 59



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052716\
Data File : BG022103.D
Acq On : 27 May 2016 10:38
Operator : UM/SJ
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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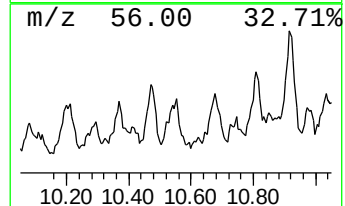
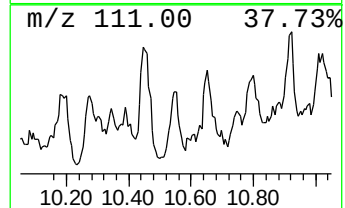
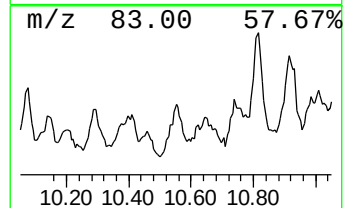
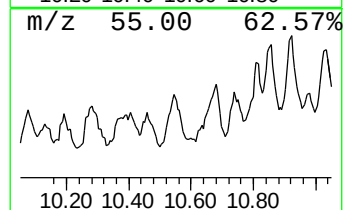
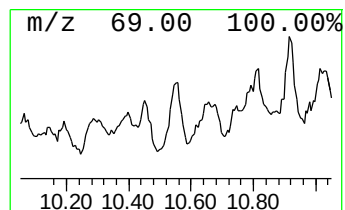
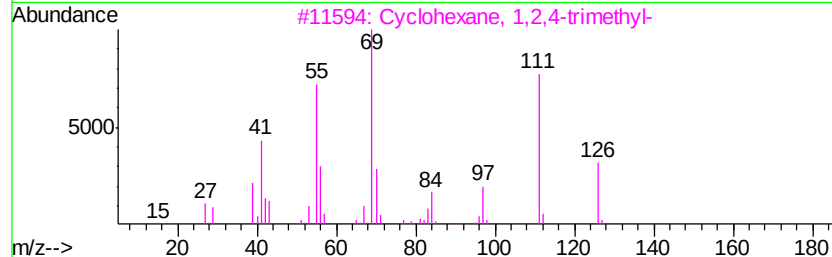
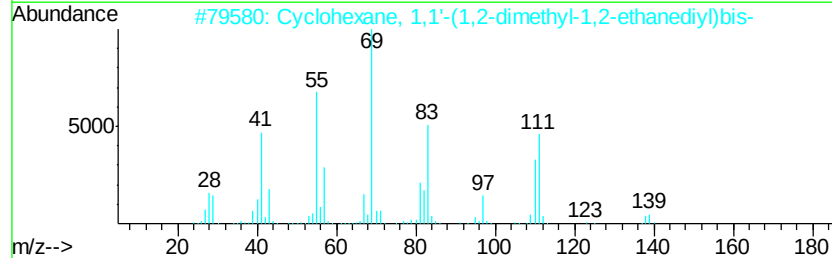
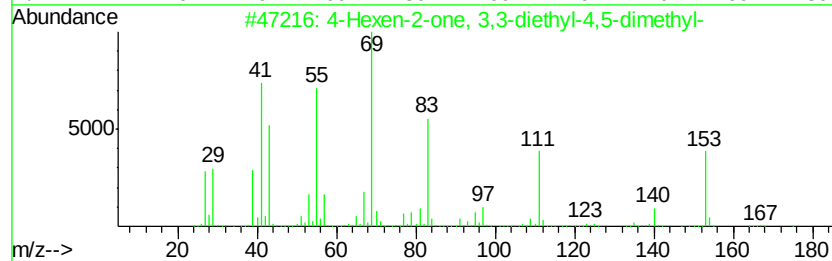
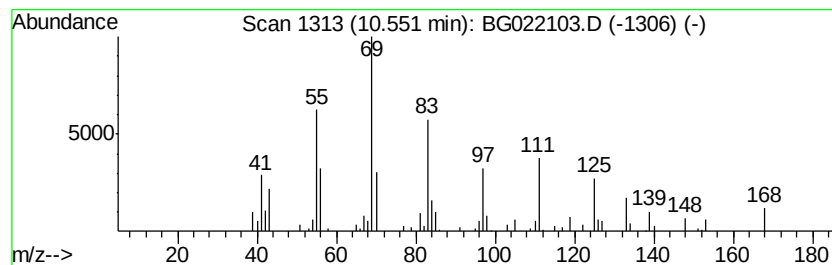
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 unknown-03 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	5.59 ng/ul	107929	Napthalene-d8	10.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Hexen-2-one, 3,3-diethyl-4,5-d...	182	C12H22O	1000149-30-4	47
2			Cyclohexane, 1,1'-(1,2-dimethyl-...	222	C16H30	074663-71-1	47
3			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	45
4			3-Heptene, 2,2,3,5,6-pentamethyl-	168	C12H24	116164-06-8	43
5			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052716\
Data File : BG022103.D
Acq On : 27 May 2016 10:38
Operator : UM/SJ
Sample : H3201-05DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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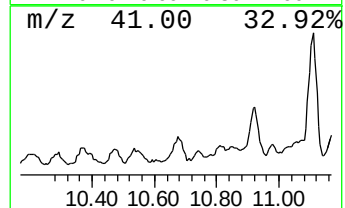
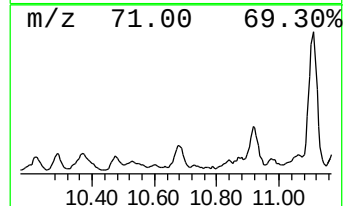
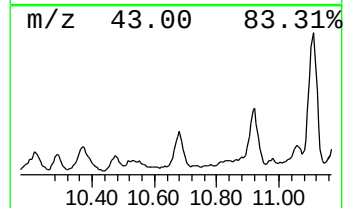
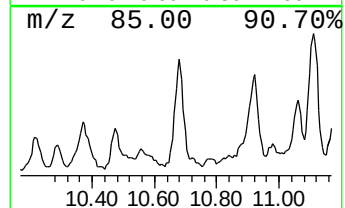
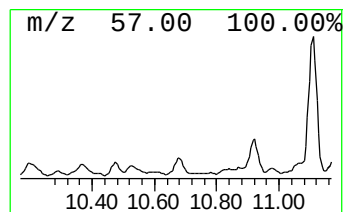
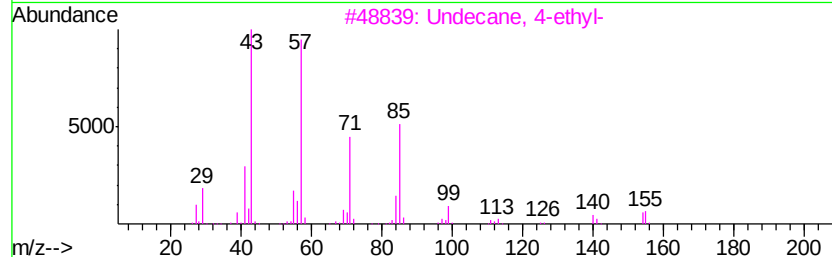
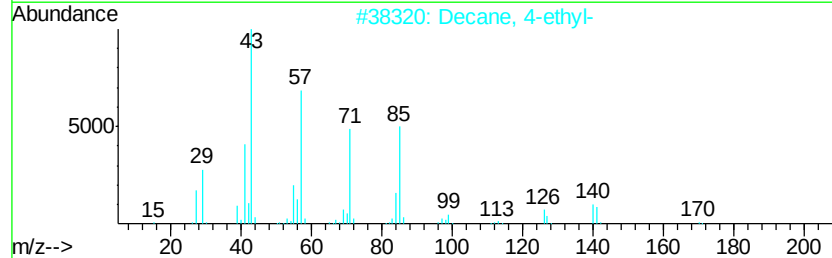
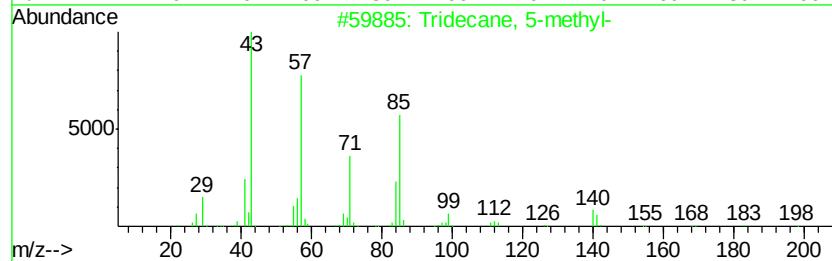
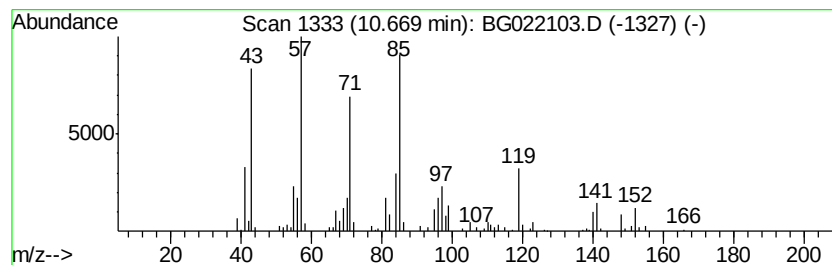
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	11.43 ng/ul	220693	Napthalene-d8	10.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 5-methyl-	198	C14H30	025117-31-1	64
2		Decane, 4-ethyl-	170	C12H26	001636-44-8	59
3		Undecane, 4-ethyl-	184	C13H28	017312-59-3	53
4		Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	53
5		4,4-Dipropylheptane	184	C13H28	017312-72-0	53



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052716\
Data File : BG022103.D
Acq On : 27 May 2016 10:38
Operator : UM/SJ
Sample : H3201-05DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
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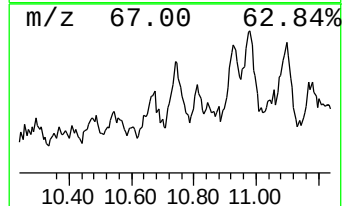
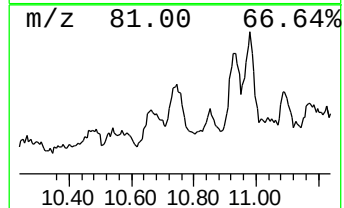
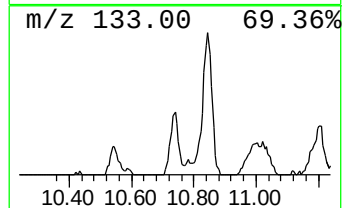
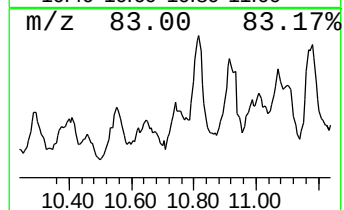
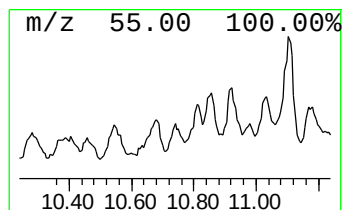
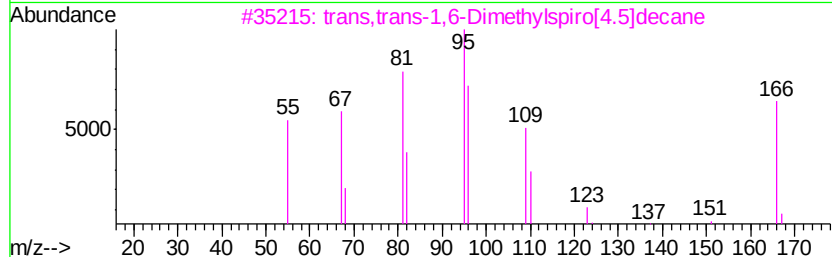
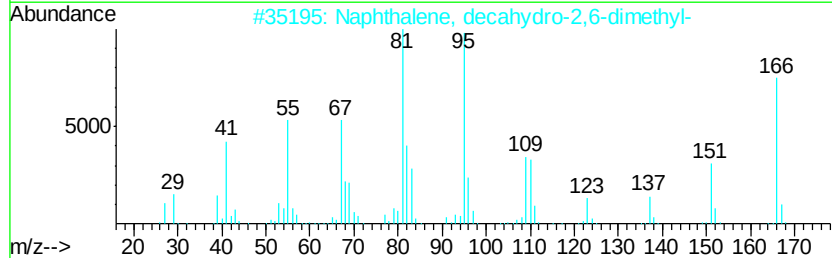
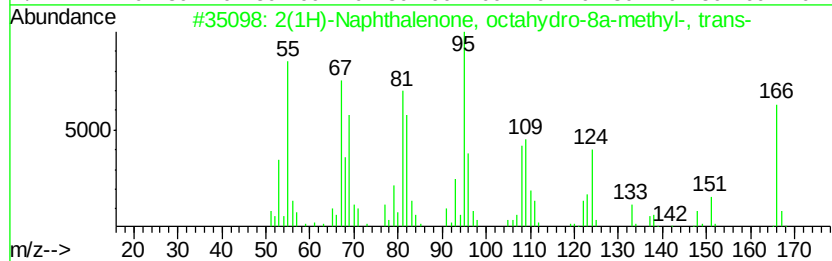
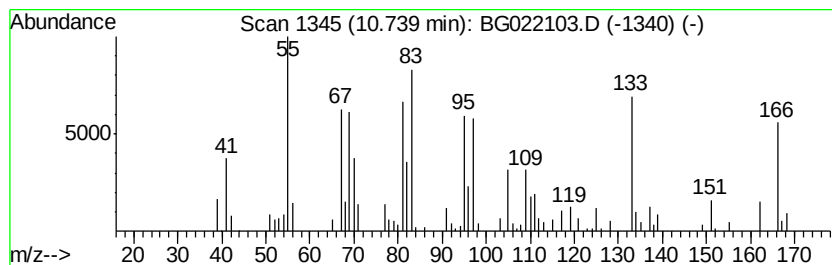
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 unknown-04 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	5.54 ng/ul	106978	Naphthalene-d8	10.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2(1H)-Naphthalenone, octahydro-8...	166	C11H18O	001197-95-1	38
2			Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	38
3			trans,trans-1,6-Dimethylspiro[4....	166	C12H22	1000111-72-1	25
4			Cyclohexanemethanol	114	C7H14O	000100-49-2	22
5			Cyclohexanemethanol	114	C7H14O	000100-49-2	22



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052716\
Data File : BG022103.D
Acq On : 27 May 2016 10:38
Operator : UM/SJ
Sample : H3201-05DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCZK0DL

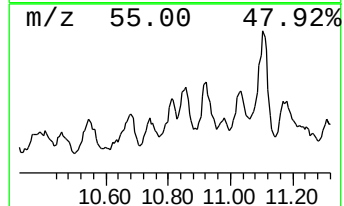
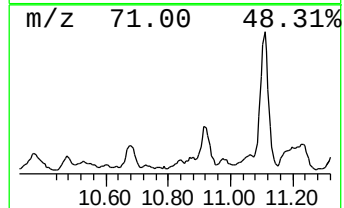
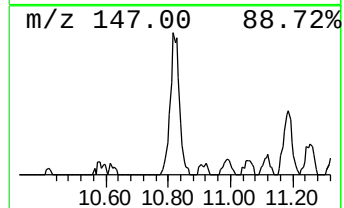
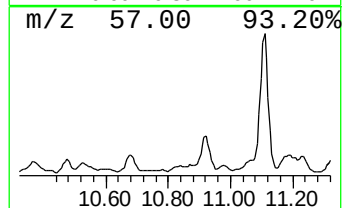
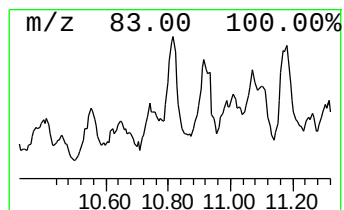
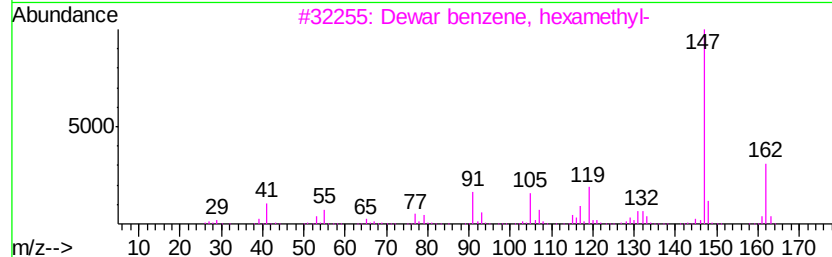
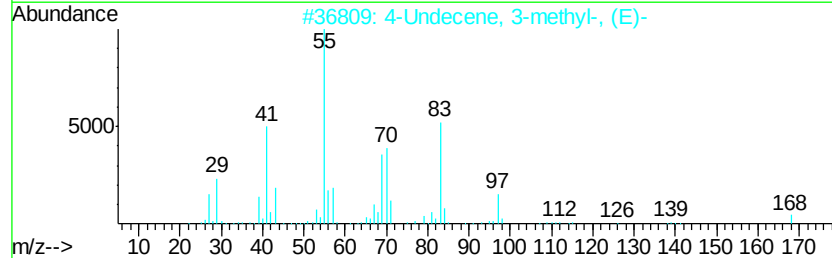
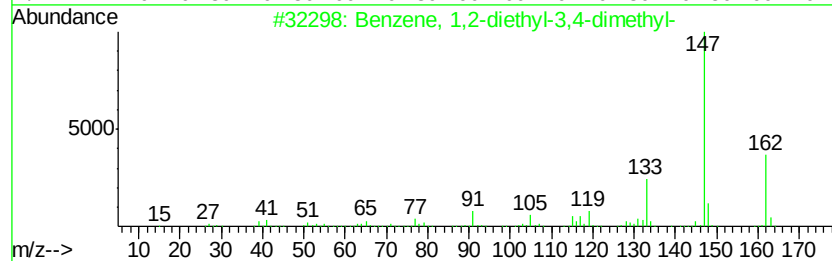
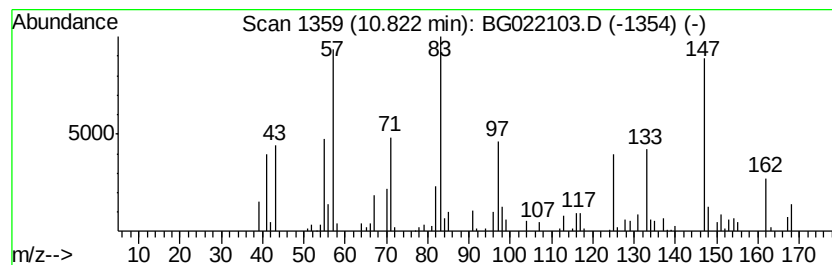
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 unknown-05 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	2.98 ng/ul	57572	Naphthalene-d8	10.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-diethyl-3,4-dimethyl-	162	C12H18	054410-75-2	30
2		4-Undecene, 3-methyl-, (E)-	168	C12H24	074630-59-4	27
3		Dewar benzene, hexamethyl-	162	C12H18	007641-77-2	25
4		Benzene, hexamethyl-	162	C12H18	000087-85-4	25
5		Benzene, 1-(1,1-dimethylethyl)-3...	162	C12H18	014411-56-4	25



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052716\
Data File : BG022103.D
Acq On : 27 May 2016 10:38
Operator : UM/SJ
Sample : H3201-05DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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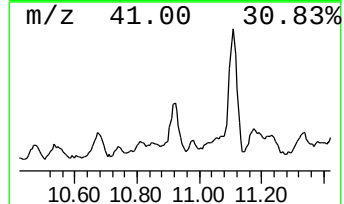
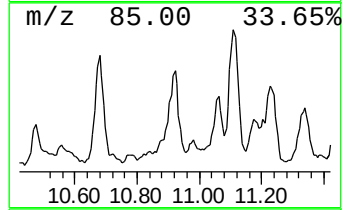
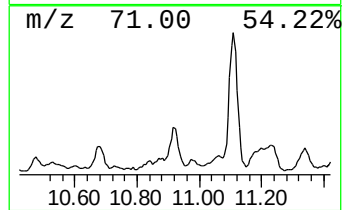
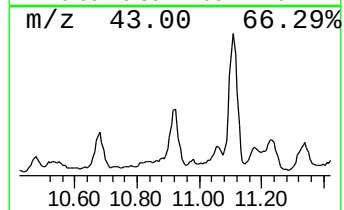
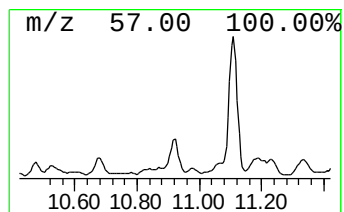
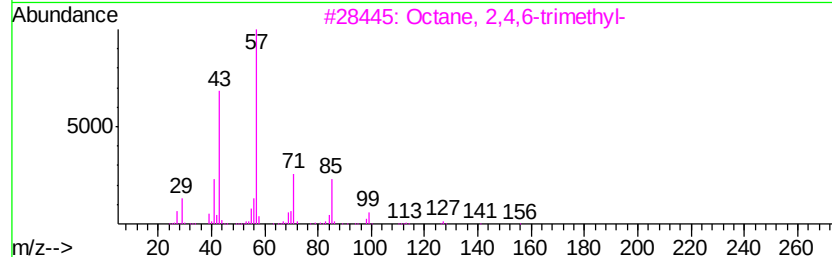
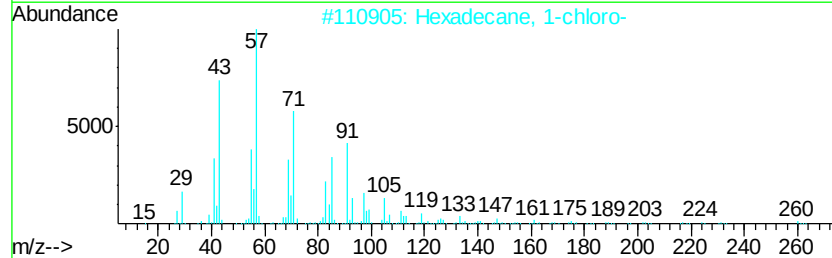
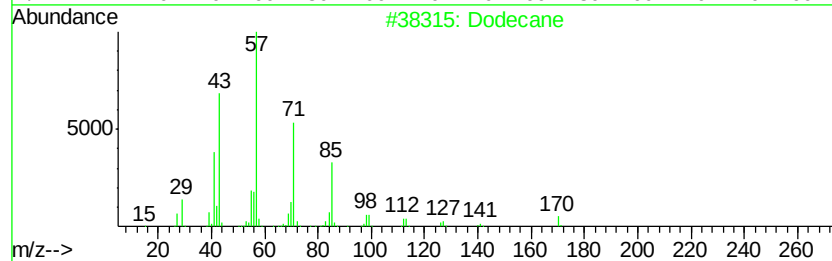
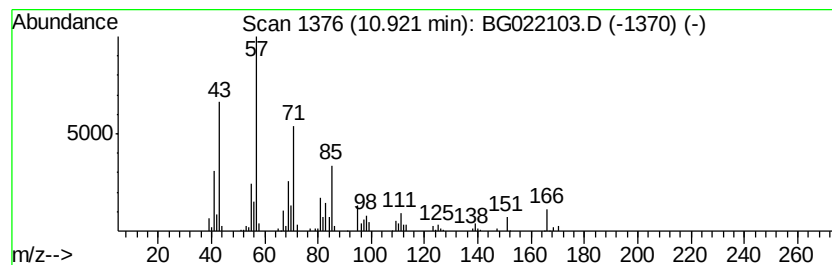
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	15.15 ng/ul	292571	Napthalene-d8	10.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	83
2		Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	53
3		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	49
4		Heptadecane	240	C17H36	000629-78-7	47
5		Hexadecane	226	C16H34	000544-76-3	47



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052716\
Data File : BG022103.D
Acq On : 27 May 2016 10:38
Operator : UM/SJ
Sample : H3201-05DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BCZK0DL

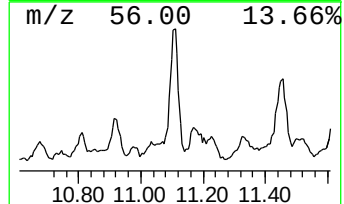
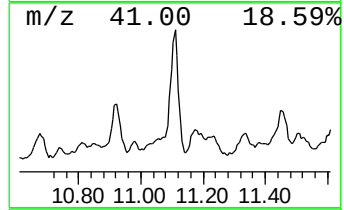
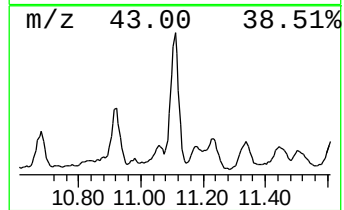
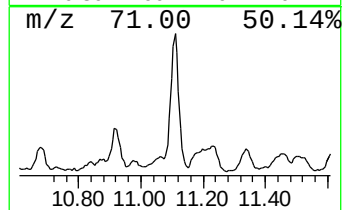
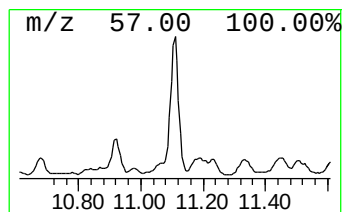
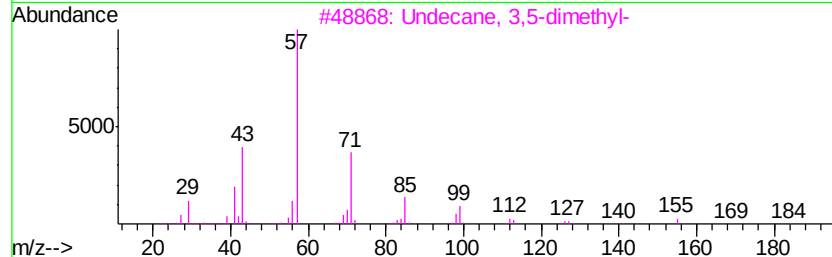
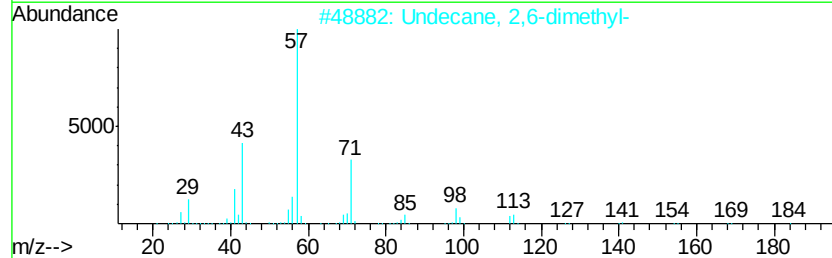
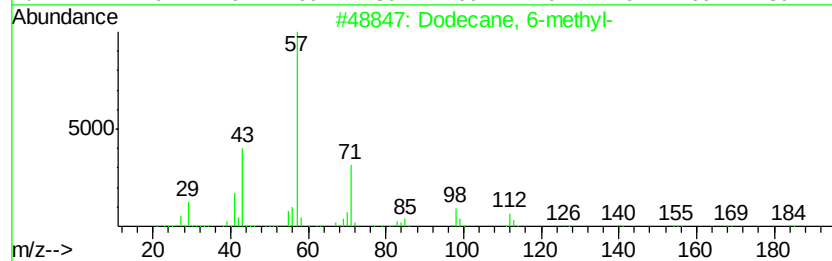
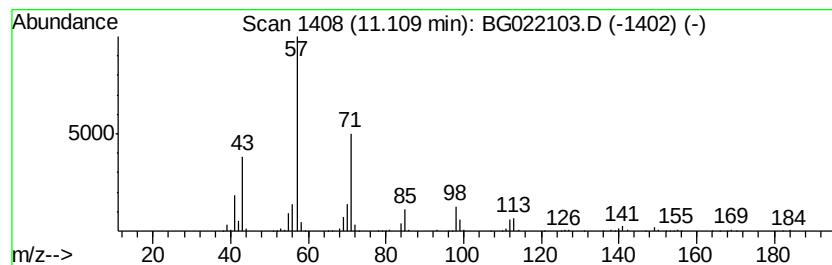
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	42.96 ng/ul	829523	Napthalene-d8	10.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 6-methyl-	184	C13H28	006044-71-9	76
2		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	76
3		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	72
4		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	68
5		Undecane, 6-ethyl-	184	C13H28	017312-60-6	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052716\
Data File : BG022103.D
Acq On : 27 May 2016 10:38
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Misc :
ALS Vial : 3 Sample Multiplier: 1

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ClientSampleId :
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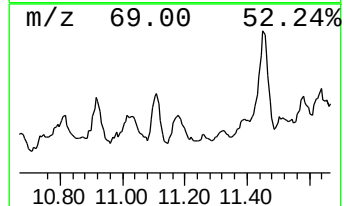
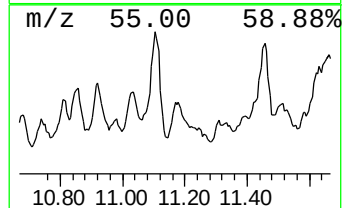
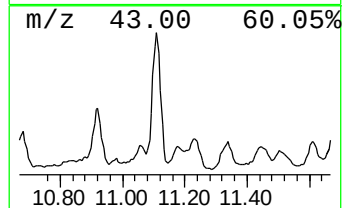
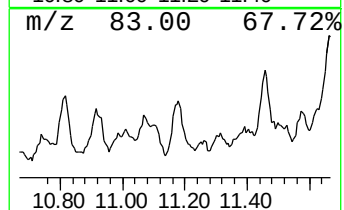
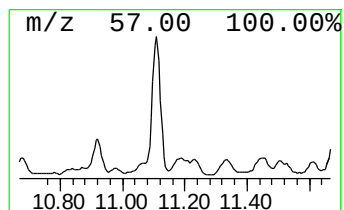
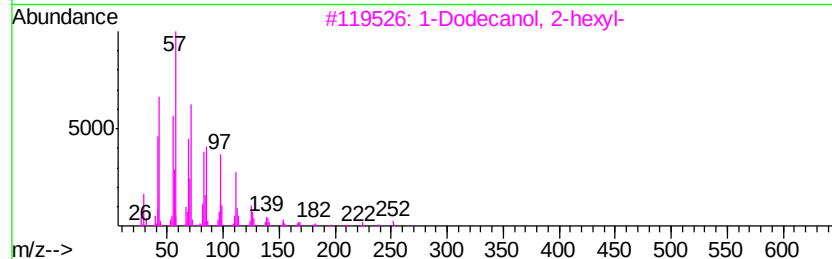
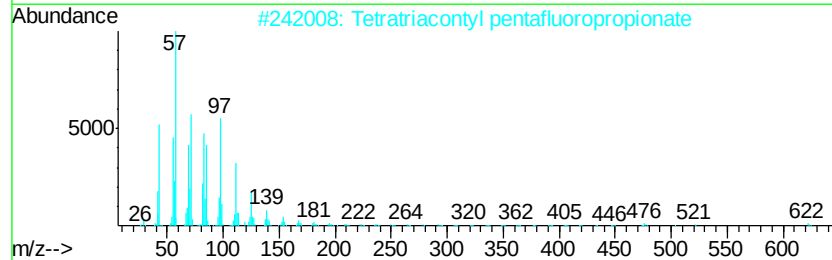
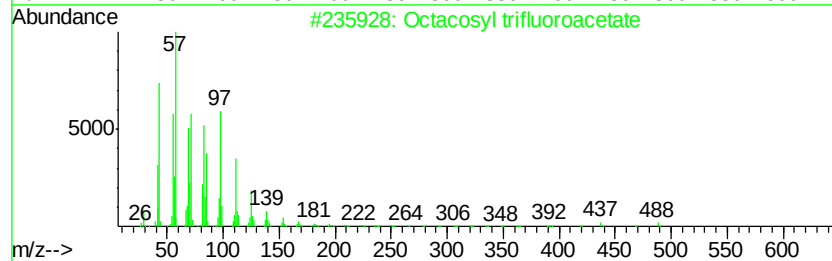
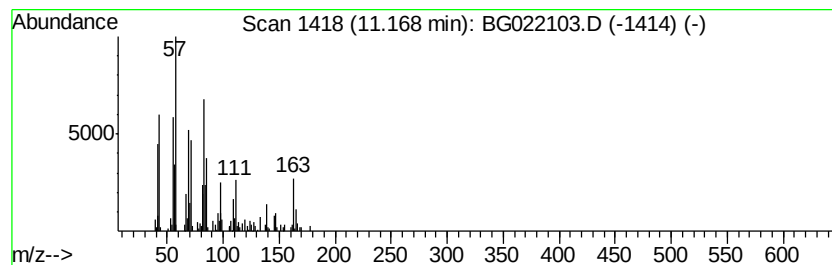
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 Octacosyl trifluoroacetate Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	14.33 ng/ul	276675	Naphthalene-d8	10.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	76
2		Tetratriacontyl pentafluoropropi...	641	C37H69F5O2	1000351-81-5	47
3		1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	38
4		Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	30
5		Tetratetracontane	619	C44H90	007098-22-8	27



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052716\
Data File : BG022103.D
Acq On : 27 May 2016 10:38
Operator : UM/SJ
Sample : H3201-05DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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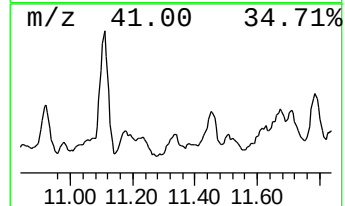
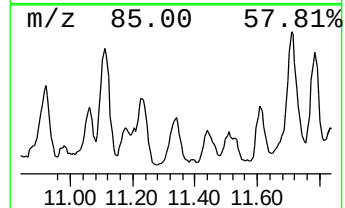
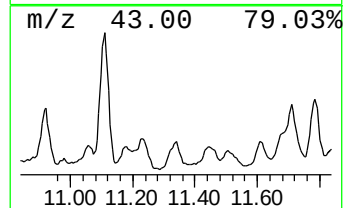
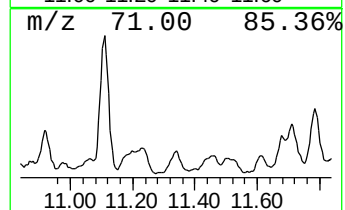
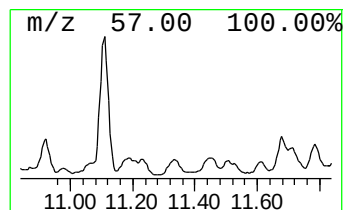
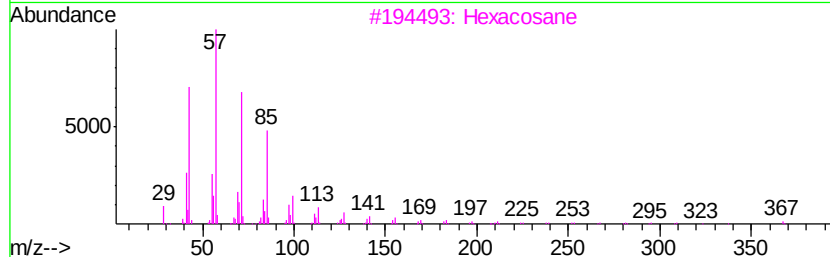
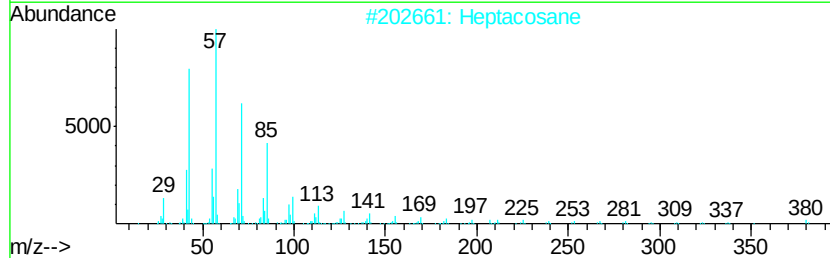
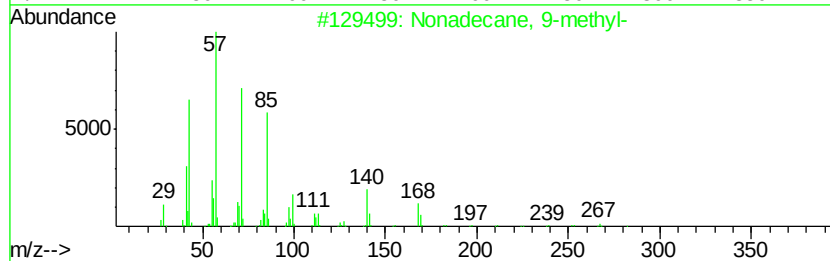
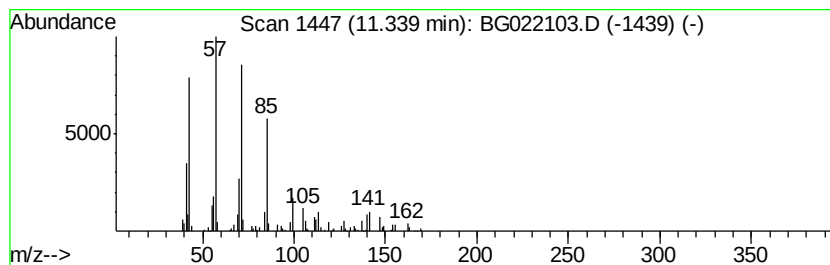
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	9.88 ng/ul	190807	Naphthalene-d8	10.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	86
2		Heptacosane	380	C27H56	000593-49-7	86
3		Hexacosane	366	C26H54	000630-01-3	80
4		Tetracosane	338	C24H50	000646-31-1	72
5		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052716\
Data File : BG022103.D
Acq On : 27 May 2016 10:38
Operator : UM/SJ
Sample : H3201-05DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCZK0DL

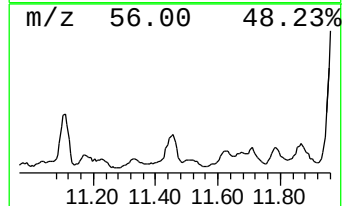
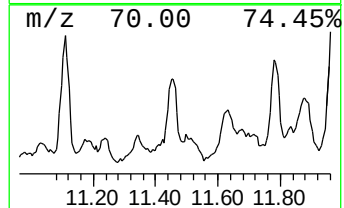
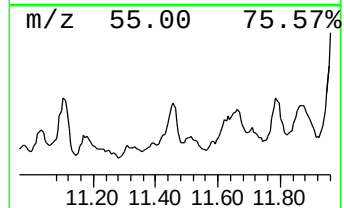
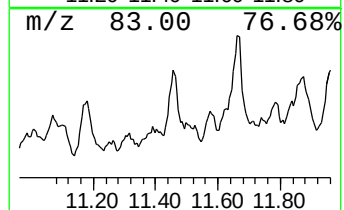
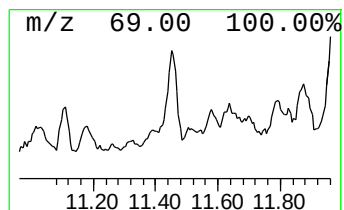
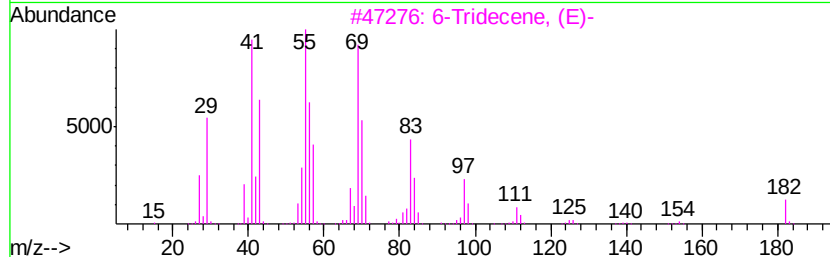
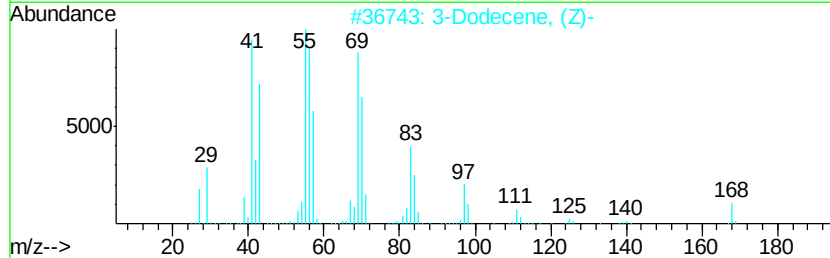
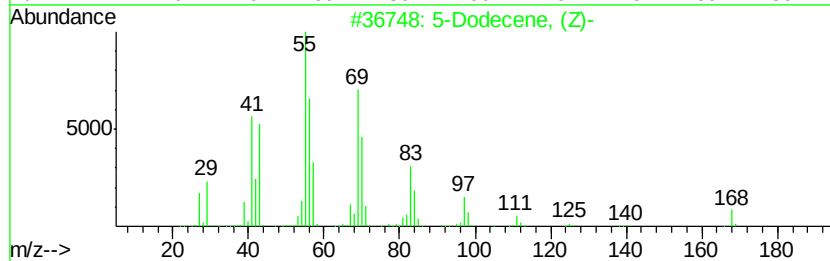
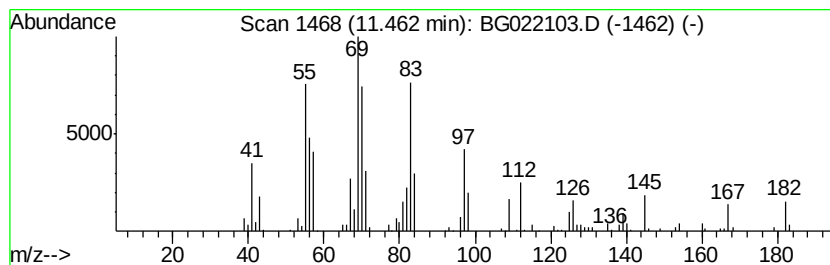
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	13.15 ng/ul	253932	Napthalene-d8	10.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Dodecene, (Z)-	168	C12H24	007206-28-2	87
2		3-Dodecene, (Z)-	168	C12H24	007239-23-8	81
3		6-Tridecene, (E)-	182	C13H26	006434-76-0	76
4		6-Tridecene, (Z)-	182	C13H26	006508-77-6	76
5		Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	76



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052716\
Data File : BG022103.D
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Operator : UM/SJ
Sample : H3201-05DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

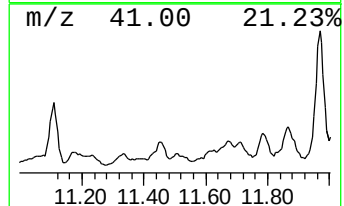
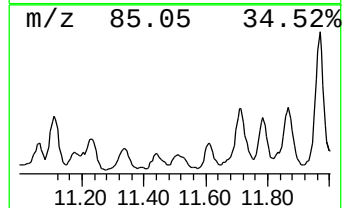
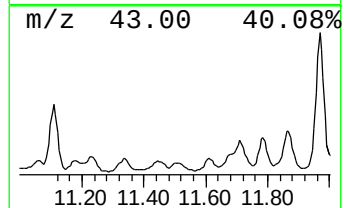
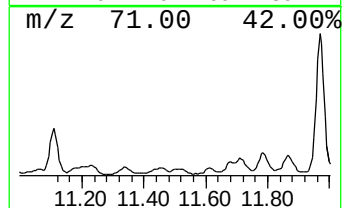
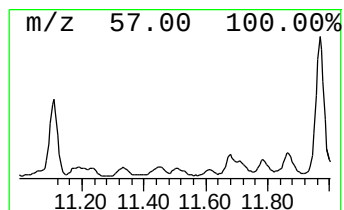
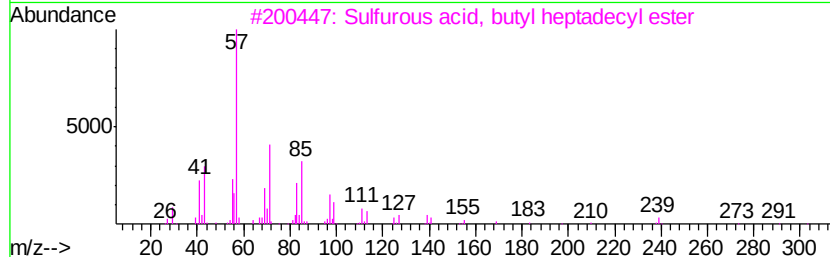
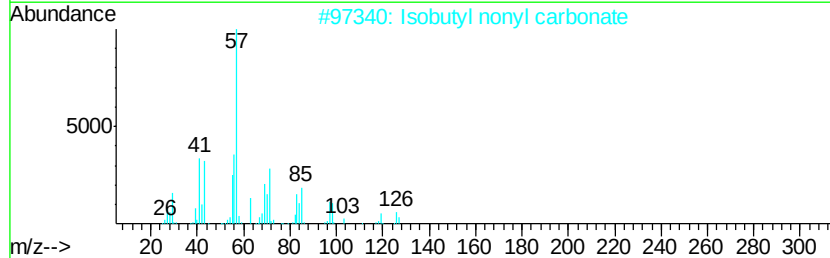
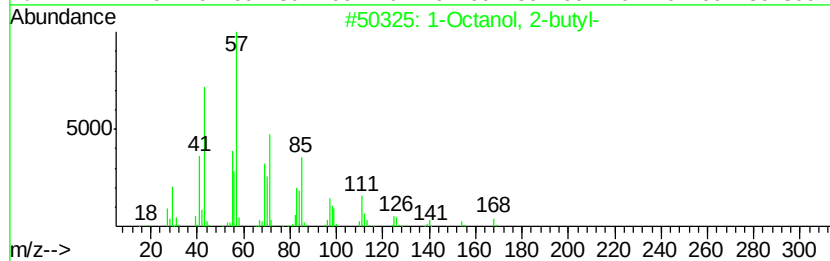
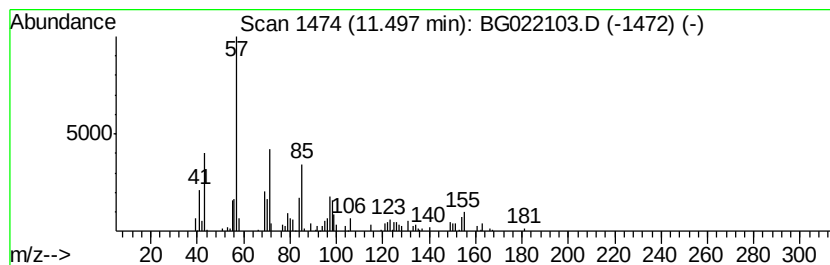
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 1-Octanol, 2-butyl- Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	3.36 ng/ul	64843	Napthalene-d8	10.97
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Octanol, 2-butyl-	186 C12H26O	003913-02-8	59
2	Isobutyl nonyl carbonate	244 C14H28O3	959311-27-4	53
3	Sulfurous acid, butyl heptadecyl...	376 C21H44O3S	1000309-18-4	53
4	Sulfurous acid, butyl undecyl ester	292 C15H32O3S	1000309-17-8	53
5	Octadecane, 6-methyl-	268 C19H40	010544-96-4	50



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052716\
Data File : BG022103.D
Acq On : 27 May 2016 10:38
Operator : UM/SJ
Sample : H3201-05DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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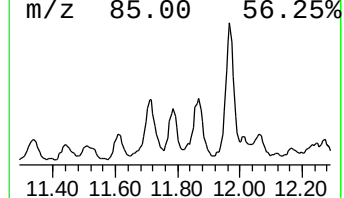
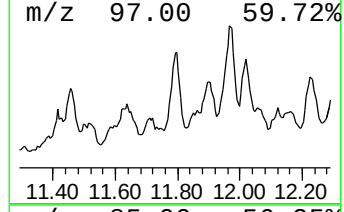
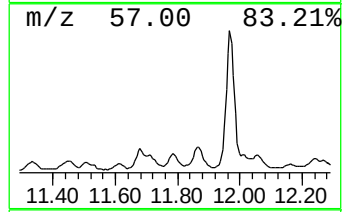
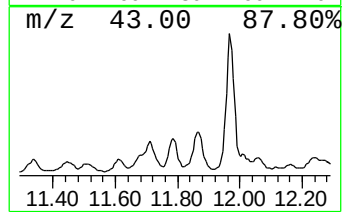
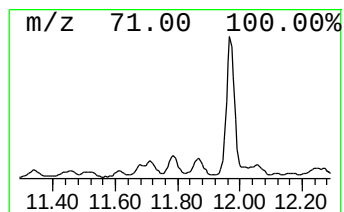
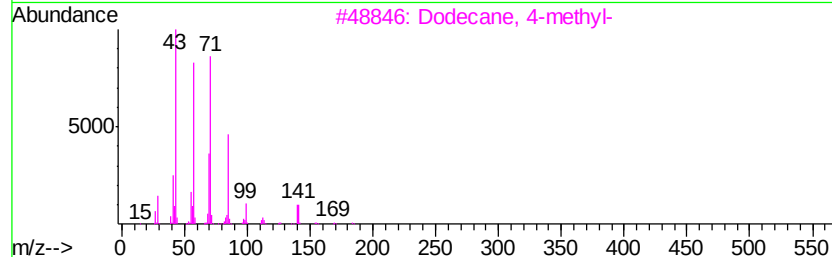
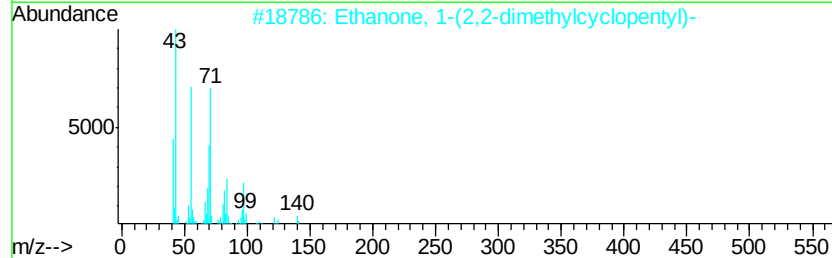
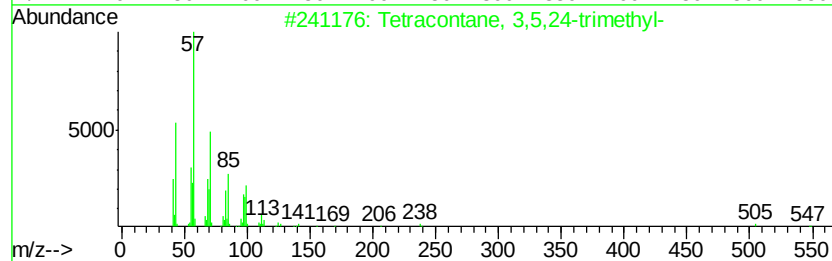
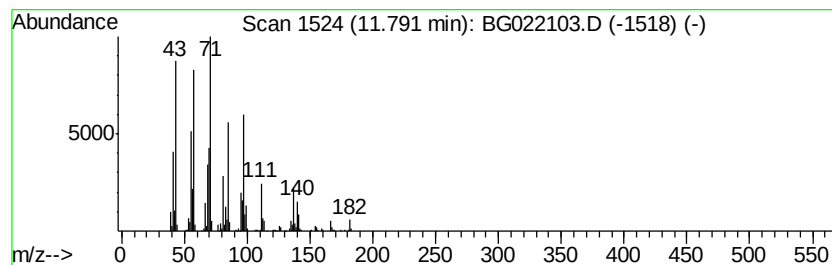
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 Tetracontane, 3,5,24-trimet... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	20.19 ng/ul	389778	Naphthalene-d8	10.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	64
2		Ethanone, 1-(2,2-dimethylcyclope...	140	C9H16O	003664-75-3	58
3		Dodecane, 4-methyl-	184	C13H28	006117-97-1	58
4		Dodecane, 4-methyl-	184	C13H28	006117-97-1	53
5		1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	43



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052716\
Data File : BG022103.D
Acq On : 27 May 2016 10:38
Operator : UM/SJ
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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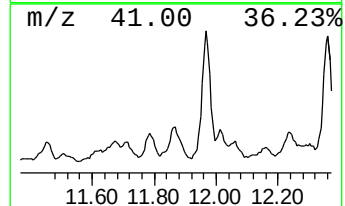
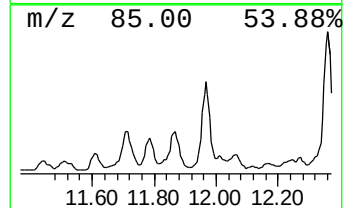
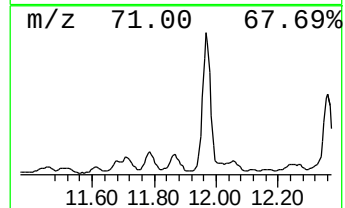
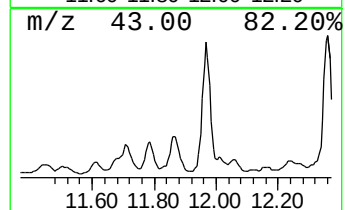
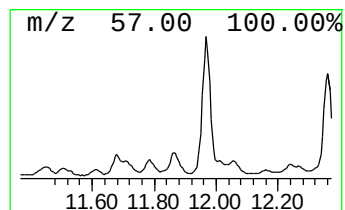
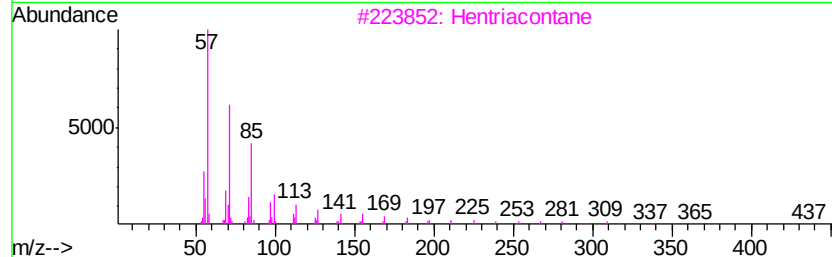
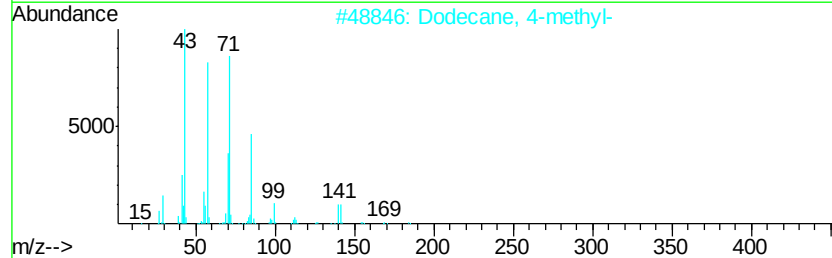
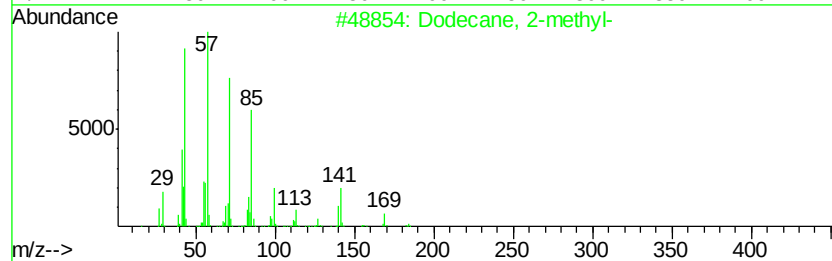
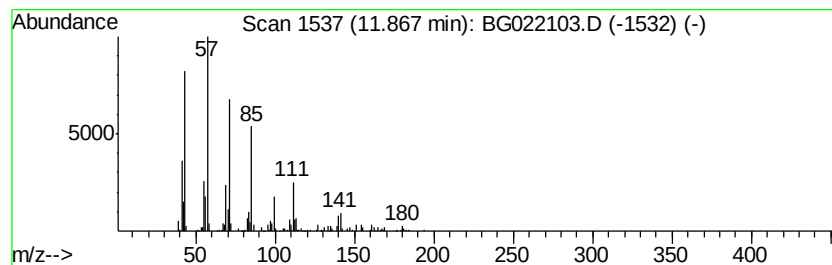
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	24.79 ng/ul	478710	Napthalene-d8	10.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	83
2		Dodecane, 4-methyl-	184	C13H28	006117-97-1	76
3		Hentriacontane	437	C31H64	000630-04-6	72
4		Tridecane, 7-propyl-	226	C16H34	055045-09-5	64
5		Nonadecane	268	C19H40	000629-92-5	59



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052716\
Data File : BG022103.D
Acq On : 27 May 2016 10:38
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Misc :
ALS Vial : 3 Sample Multiplier: 1

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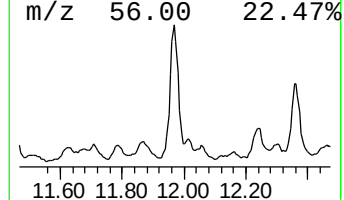
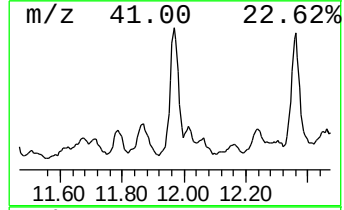
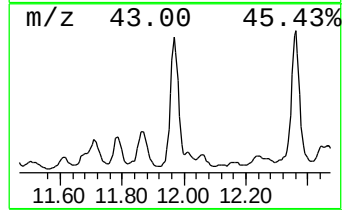
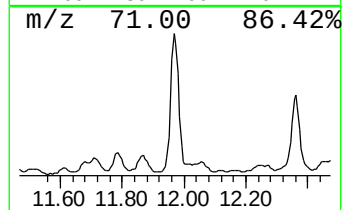
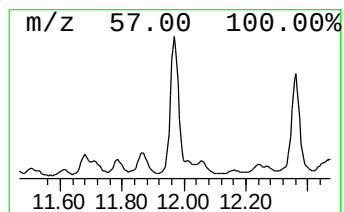
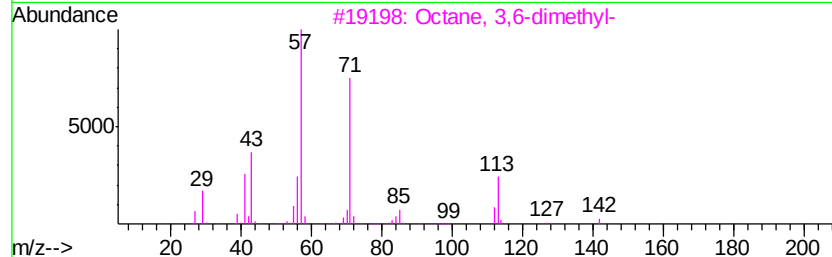
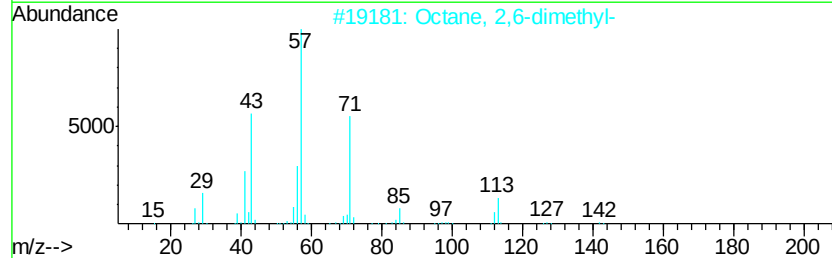
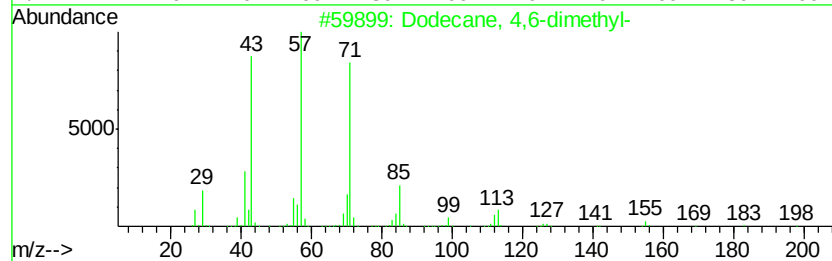
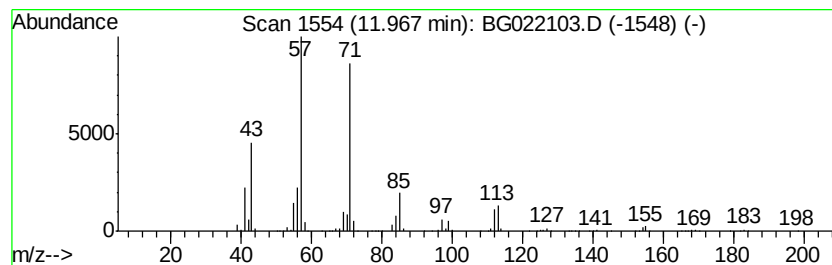
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	87.11 ng/ul	1681980	Napthalene-d8	10.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	87
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
4		Heptane, 3-[(ethenyloxy)methyl]-	156	C10H20O	000103-44-6	59
5		Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	59



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052716\
Data File : BG022103.D
Acq On : 27 May 2016 10:38
Operator : UM/SJ
Sample : H3201-05DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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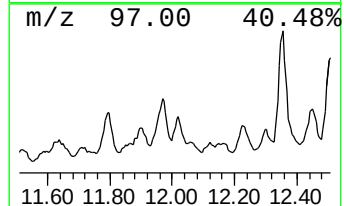
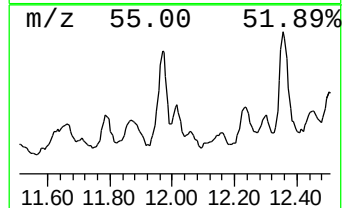
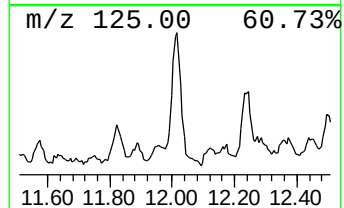
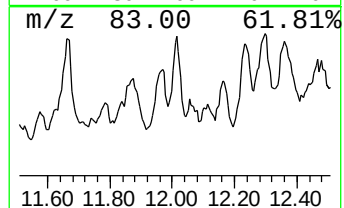
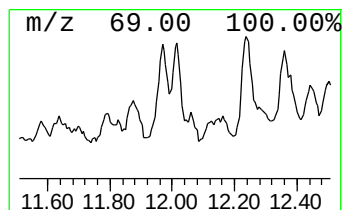
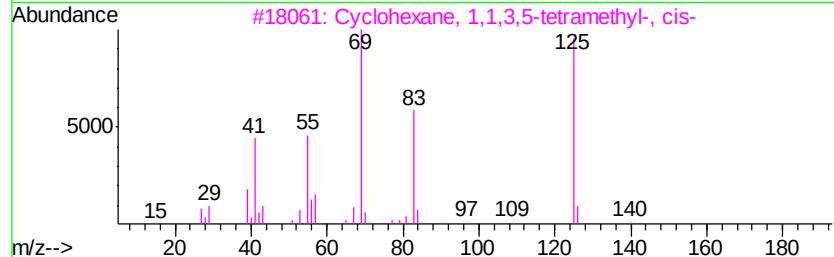
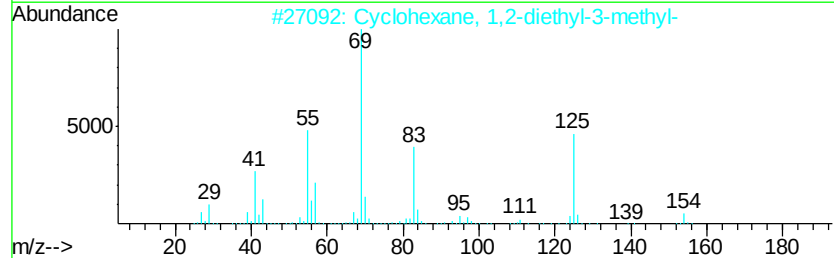
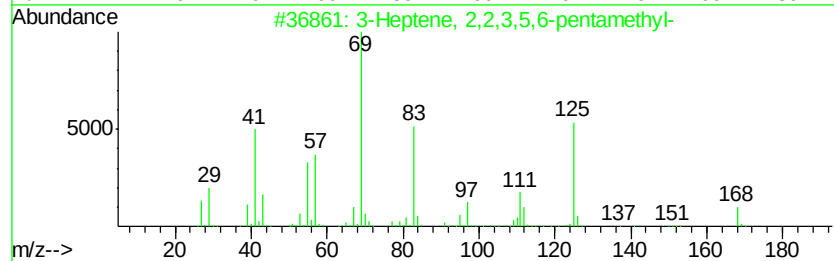
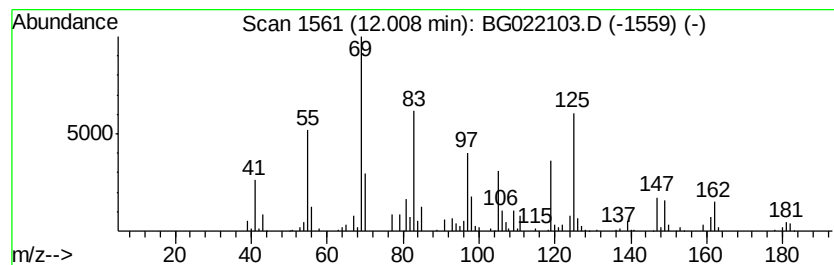
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 unknown-06 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	12.81 ng/ul	247300	Napthalene-d8	10.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Heptene, 2,2,3,5,6-pentamethyl-	168	C12H24	116164-06-8	43
2		Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	43
3		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	43
4		Cyclohexane, 1,3,5-trimethyl-2-o...	378	C27H54	055282-34-3	38
5		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	37



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052716\
Data File : BG022103.D
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Sample : H3201-05DL 10X
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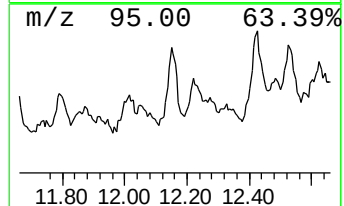
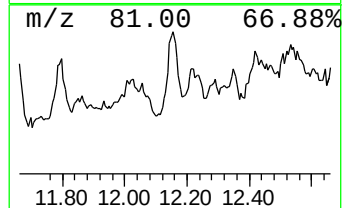
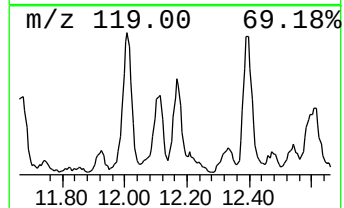
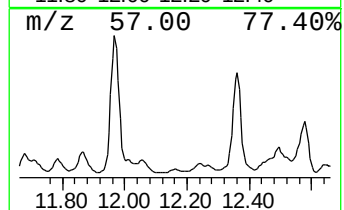
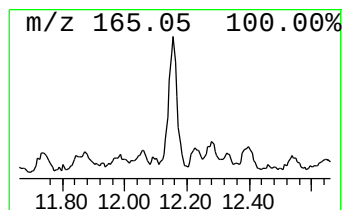
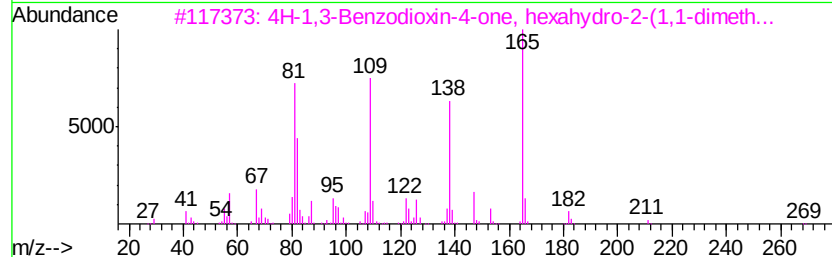
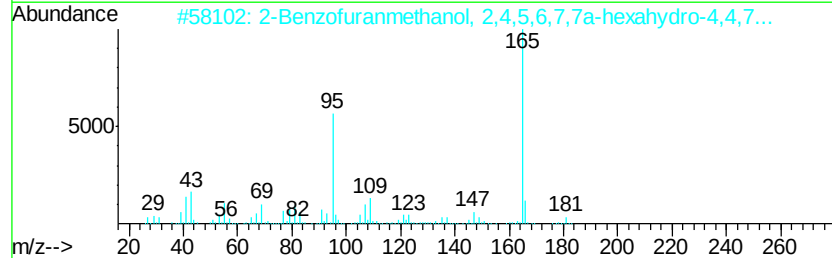
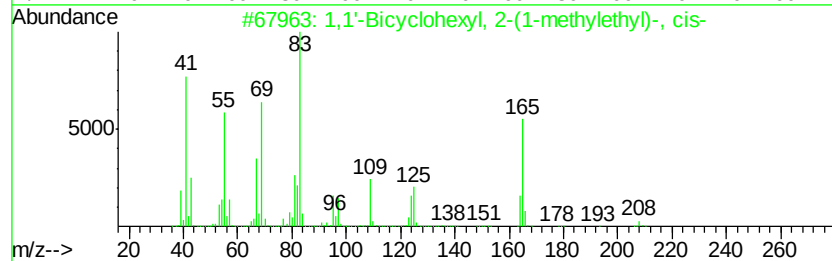
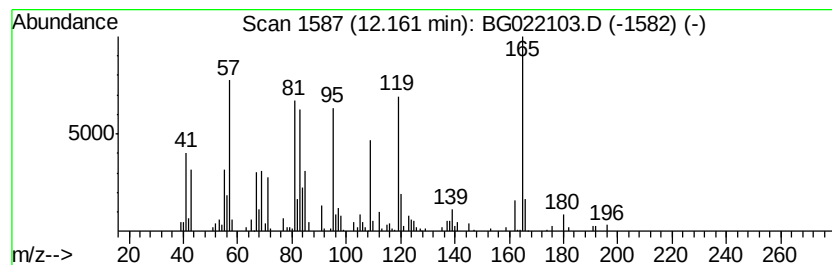
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 unknown-07 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	7.79 ng/ul	150362	Napthalene-d8	10.97
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,1'-Bicyclohexyl, 2-(1-methylet...	208 C15H28	050991-15-6	32
2	2-Benzofuranmethanol, 2,4,5,6,7,...	196 C12H20O2	077384-15-7	25
3	4H-1,3-Benzodioxin-4-one, hexahy...	268 C16H28O3	113121-93-0	25
4	1,1':2',1''-Tercyclohexane	248 C18H32	002456-43-1	22
5	Bicyclo[2.2.1]heptan-2-one, 1,3,...	166 C11H18O	005811-48-3	18



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052716\
Data File : BG022103.D
Acq On : 27 May 2016 10:38
Operator : UM/SJ
Sample : H3201-05DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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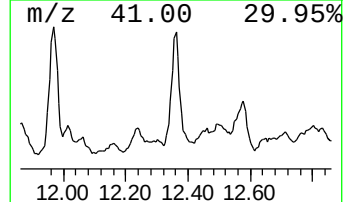
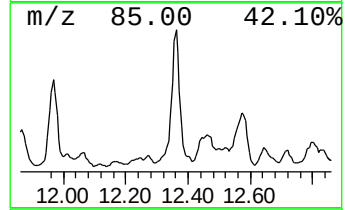
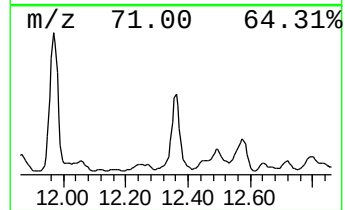
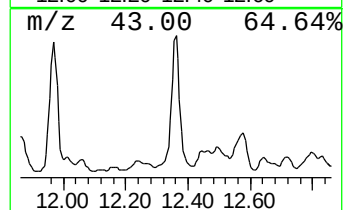
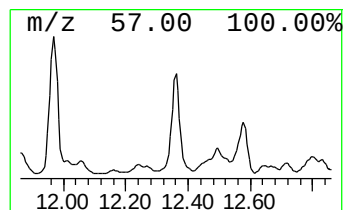
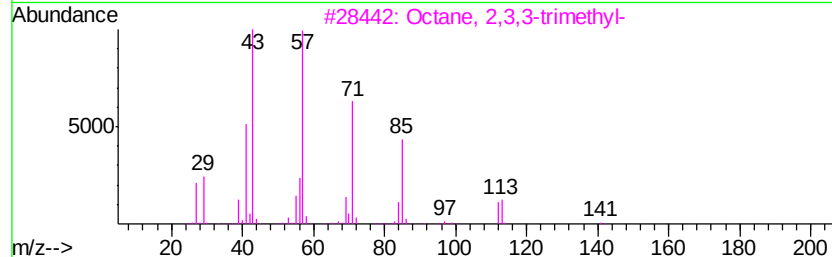
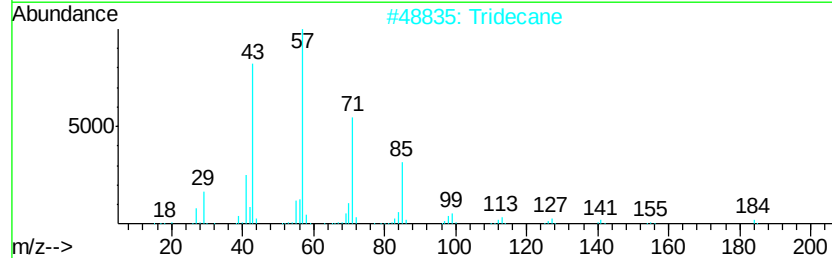
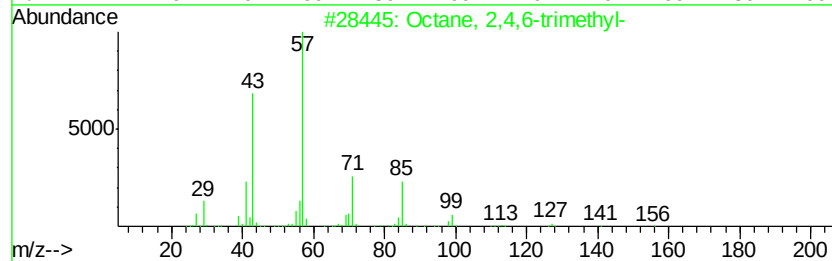
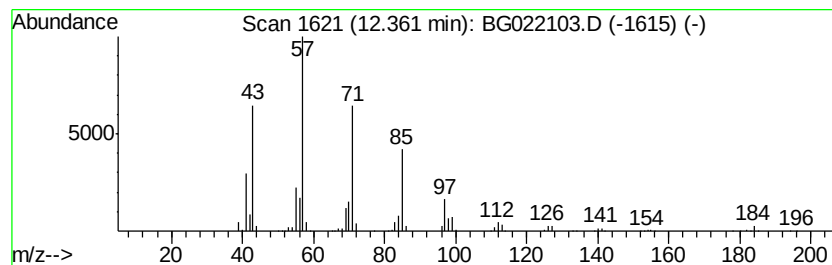
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	67.46 ng/ul	1302560	Naphthalene-d8	10.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	80
2		Tridecane	184	C13H28	000629-50-5	76
3		Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	64
4		Hexadecane	226	C16H34	000544-76-3	64
5		Tridecane	184	C13H28	000629-50-5	62



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052716\
Data File : BG022103.D
Acq On : 27 May 2016 10:38
Operator : UM/SJ
Sample : H3201-05DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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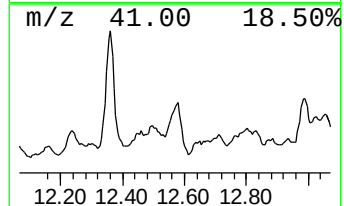
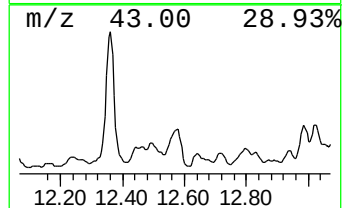
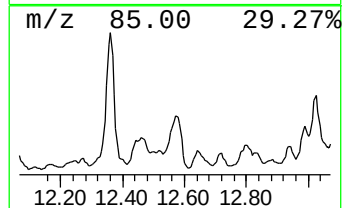
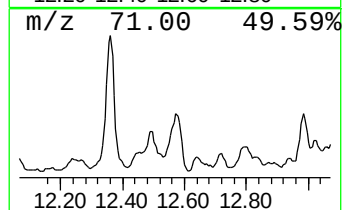
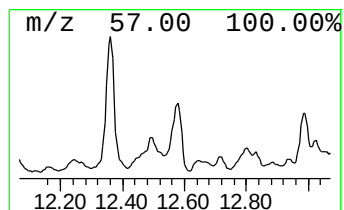
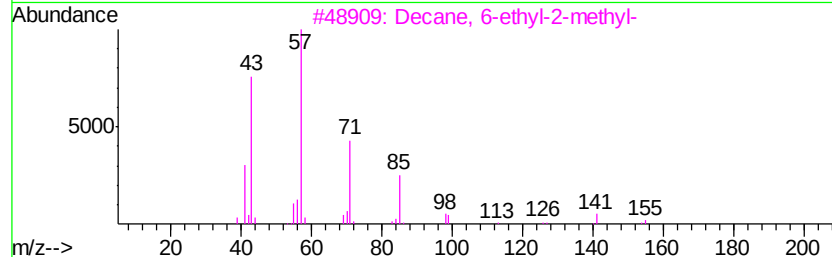
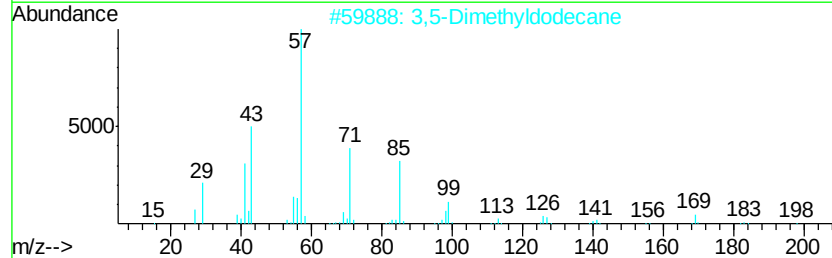
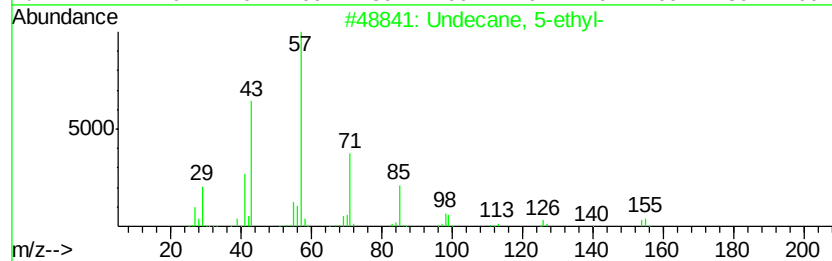
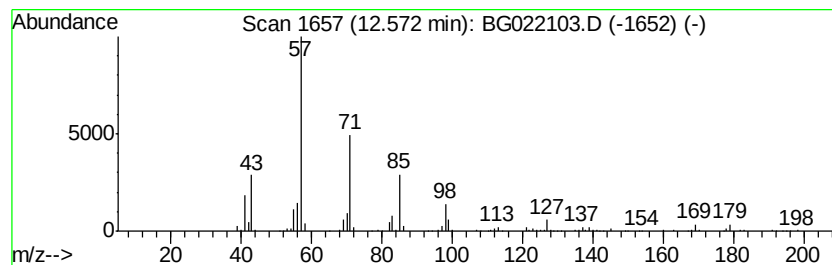
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	43.49 ng/ul	839764	Naphthalene-d8	10.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 5-ethyl-	184	C13H28	017453-94-0	78
2		3,5-Dimethyldodecane	198	C14H30	107770-99-0	64
3		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	64
4		Undecane	156	C11H24	001120-21-4	59
5		Nonane, 4-methyl-	142	C10H22	017301-94-9	59



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052716\
Data File : BG022103.D
Acq On : 27 May 2016 10:38
Operator : UM/SJ
Sample : H3201-05DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

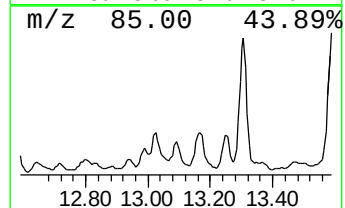
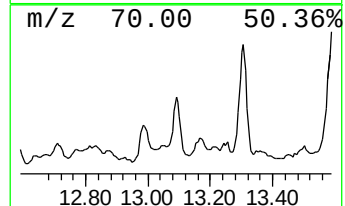
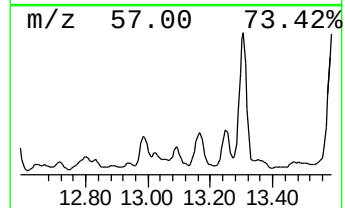
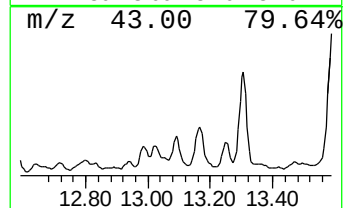
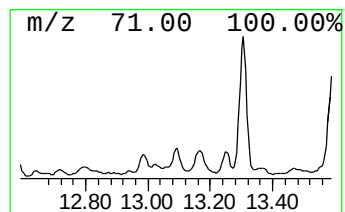
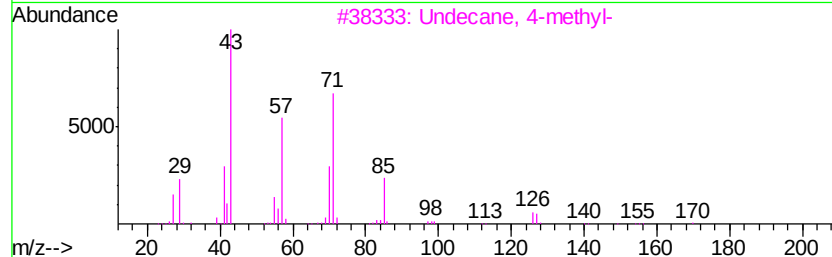
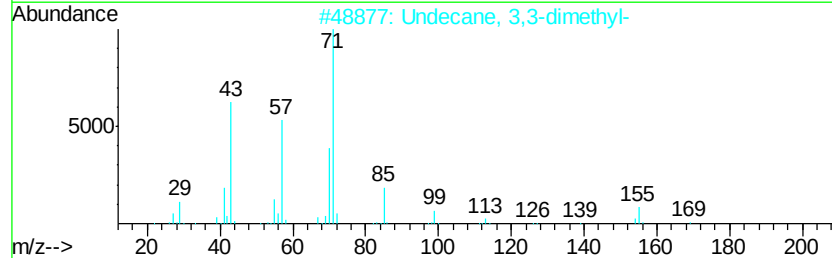
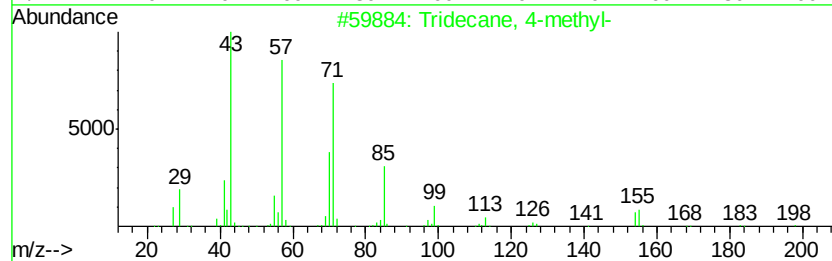
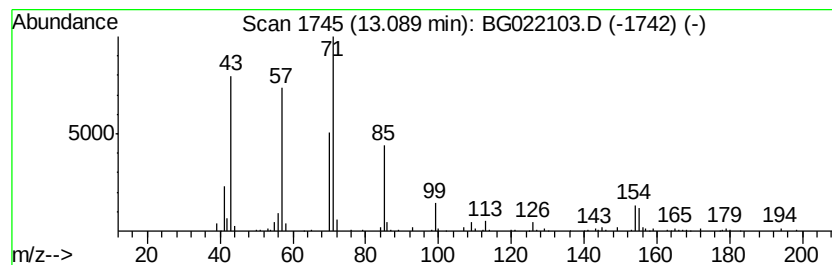
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	10.99 ng/ul	345305	Acenaphthene-d10	14.79
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tridecane, 4-methyl-	198 C14H30	026730-12-1 83
2		Undecane, 3,3-dimethyl-	184 C13H28	017312-65-1 64
3		Undecane, 4-methyl-	170 C12H26	002980-69-0 64
4		Decane, 3,3,6-trimethyl-	184 C13H28	062338-14-1 64
5		Hexane, 3,3-dimethyl-	114 C8H18	000563-16-6 59



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052716\
Data File : BG022103.D
Acq On : 27 May 2016 10:38
Operator : UM/SJ
Sample : H3201-05DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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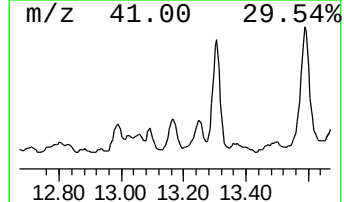
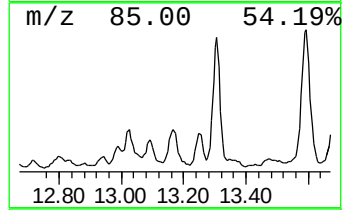
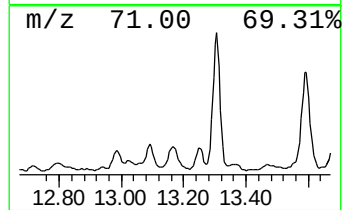
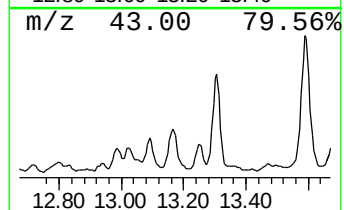
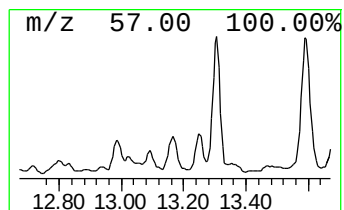
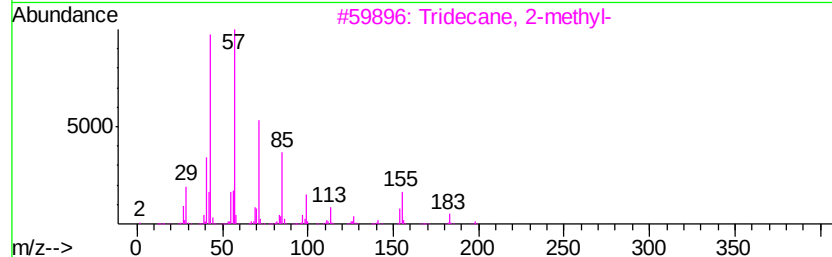
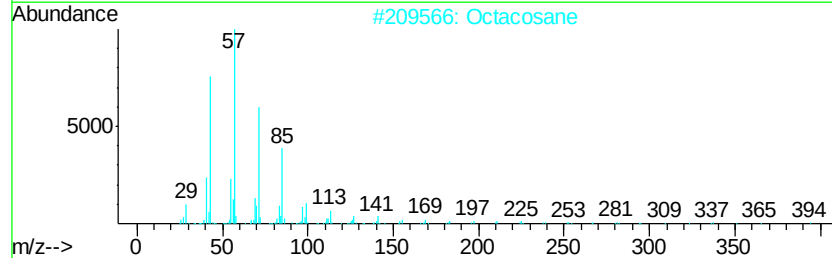
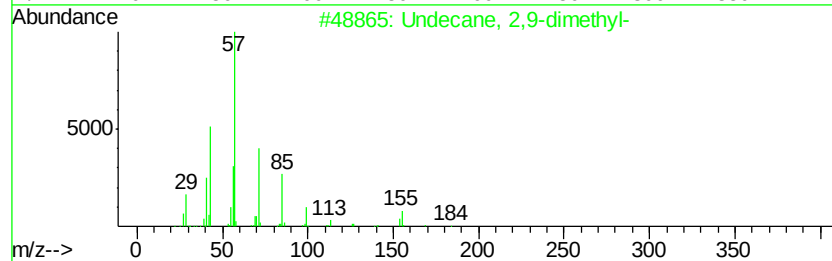
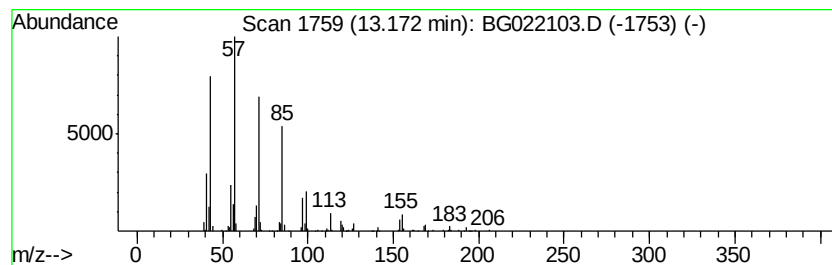
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	16.41 ng/ul	515347	Acenaphthene-d10	14.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	86
2		Octacosane	394	C28H58	000630-02-4	80
3		Tridecane, 2-methyl-	198	C14H30	001560-96-9	78
4		10-Methylnonadecane	282	C20H42	056862-62-5	78
5		2-Bromotetradecane	276	C14H29Br	074036-95-6	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052716\
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Operator : UM/SJ
Sample : H3201-05DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

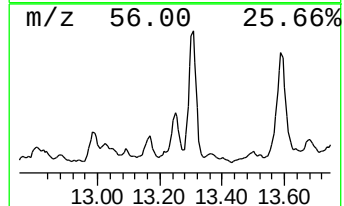
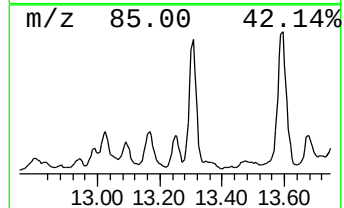
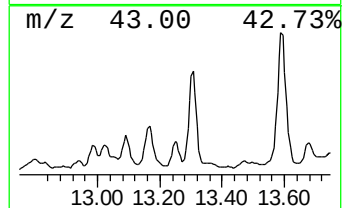
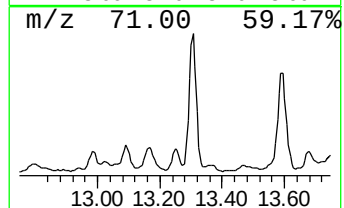
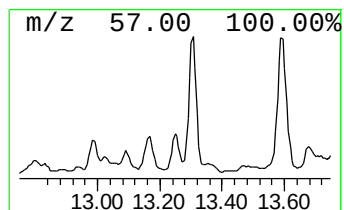
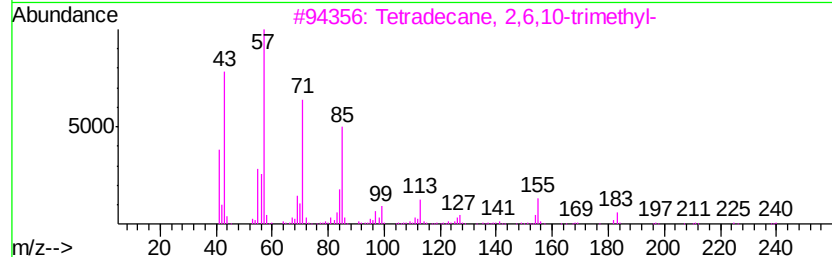
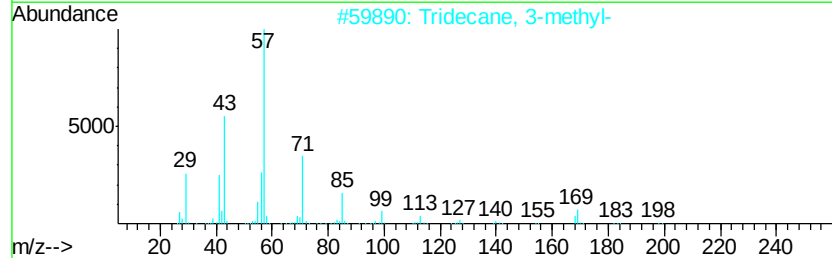
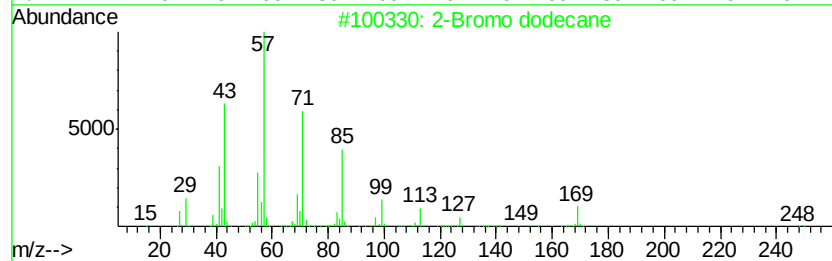
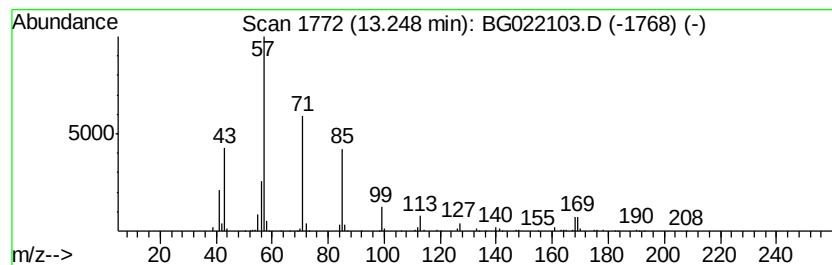
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	15.02 ng/ul	471752	Acenaphthene-d10	14.79
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Bromo dodecane		248 C12H25Br	013187-99-0 86
2	Tridecane, 3-methyl-		198 C14H30	006418-41-3 80
3	Tetradecane, 2,6,10-trimethyl-		240 C17H36	014905-56-7 78
4	Dodecane		170 C12H26	000112-40-3 78
5	Decane, 3,8-dimethyl-		170 C12H26	017312-55-9 72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052716\
Data File : BG022103.D
Acq On : 27 May 2016 10:38
Operator : UM/SJ
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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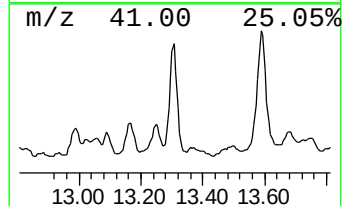
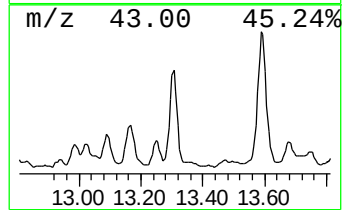
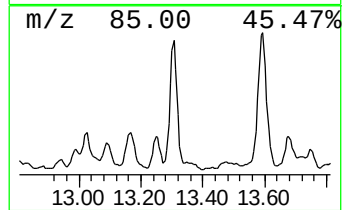
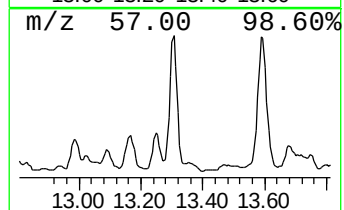
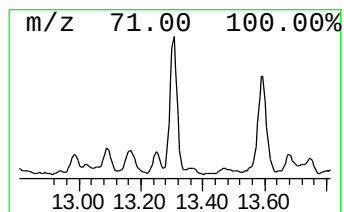
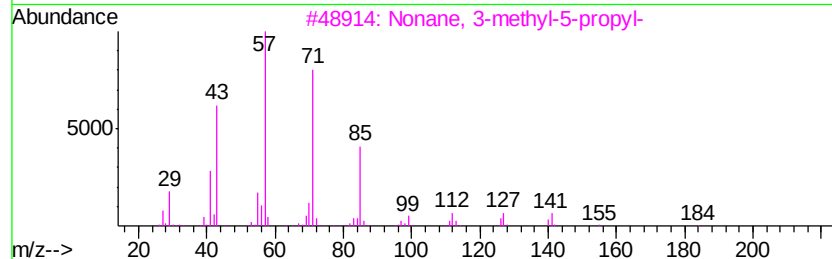
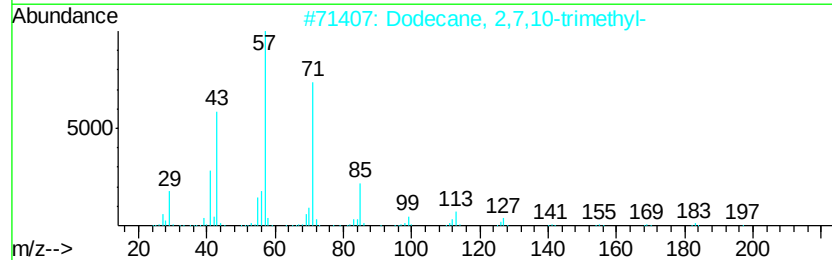
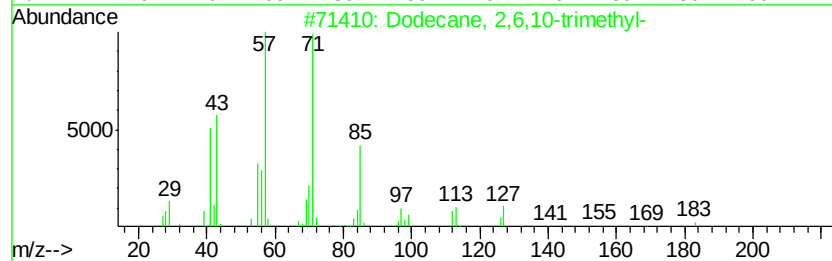
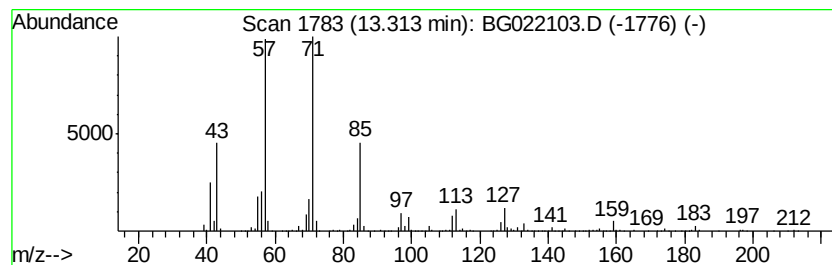
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.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.
13.31	73.26 ng/ul	2300900	Acenaphthene-d10	14.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	83
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
3		Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	64
4		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	64
5		Octadecane	254	C18H38	000593-45-3	59



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052716\
Data File : BG022103.D
Acq On : 27 May 2016 10:38
Operator : UM/SJ
Sample : H3201-05DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

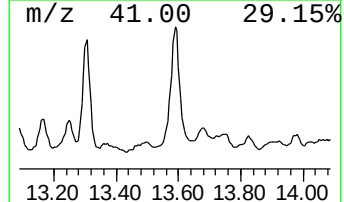
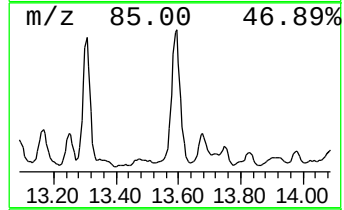
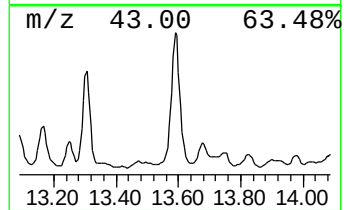
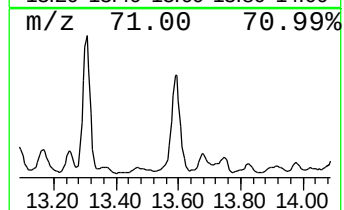
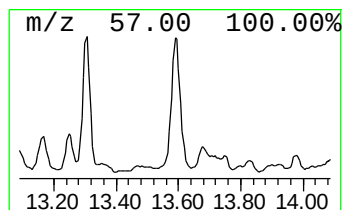
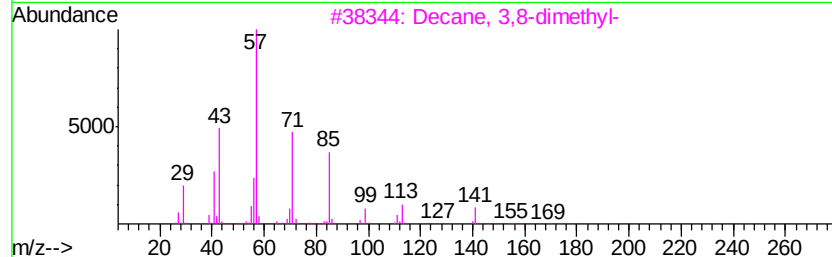
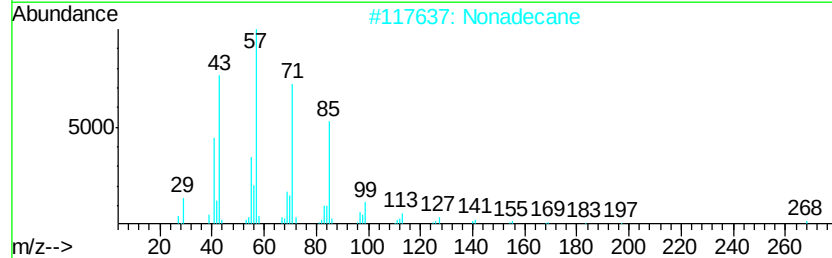
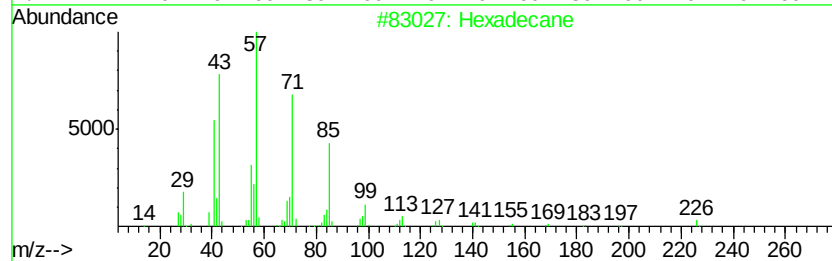
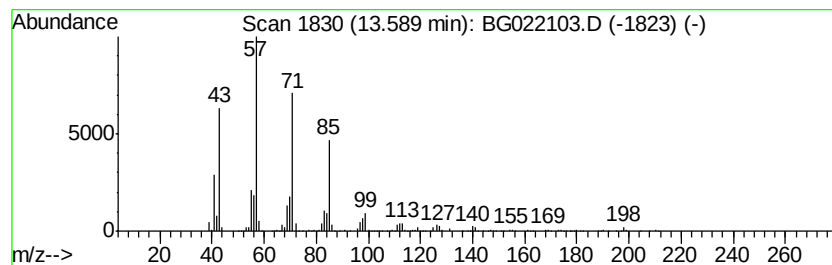
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ClientSampleId :
BCZK0DL

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

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	90.20 ng/ul	2832710	Acenaphthene-d10	14.79
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226	C16H34	000544-76-3 91
2	Nonadecane	268	C19H40	000629-92-5 87
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9 80
4	Tridecane	184	C13H28	000629-50-5 72
5	Tetradecane	198	C14H30	000629-59-4 60



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052716\
Data File : BG022103.D
Acq On : 27 May 2016 10:38
Operator : UM/SJ
Sample : H3201-05DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCZK0DL

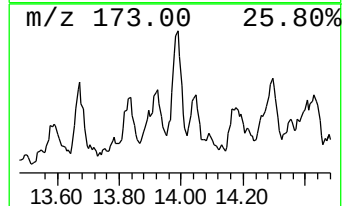
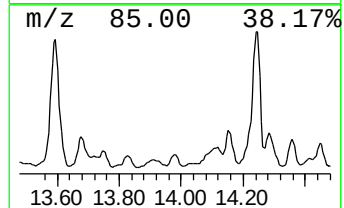
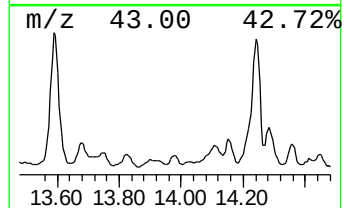
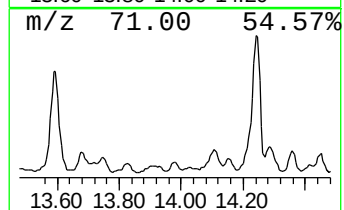
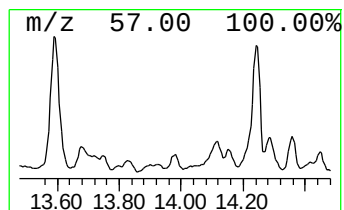
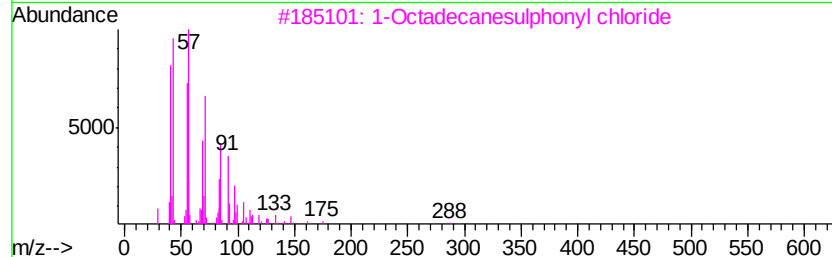
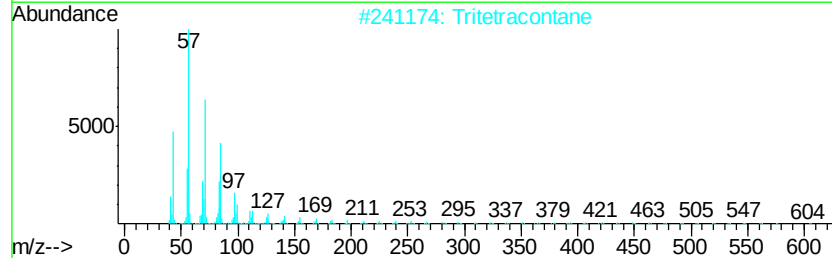
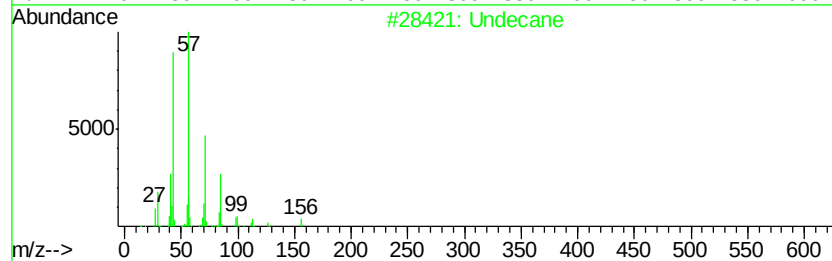
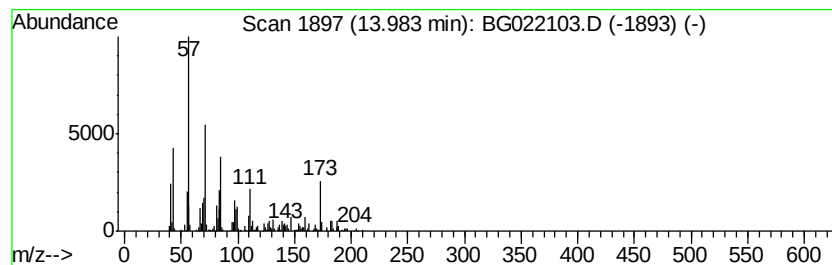
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	7.13 ng/ul	223898	Acenaphthene-d10	14.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane	156	C11H24	001120-21-4	78
2			Tritetracontane	605	C43H88	007098-21-7	68
3			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	64
4			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	64
5			Tridecane	184	C13H28	000629-50-5	55



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052716\
Data File : BG022103.D
Acq On : 27 May 2016 10:38
Operator : UM/SJ
Sample : H3201-05DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCZK0DL

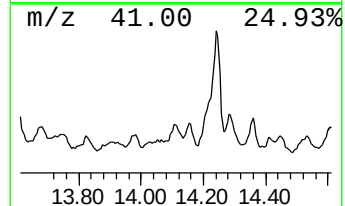
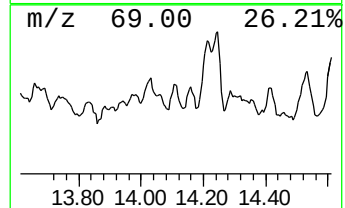
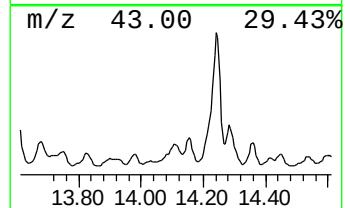
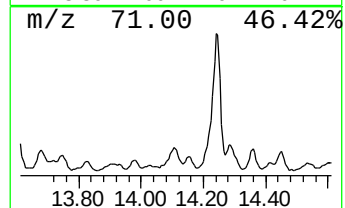
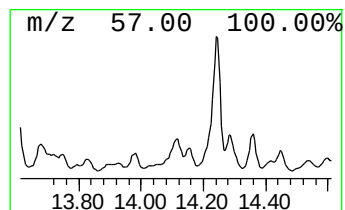
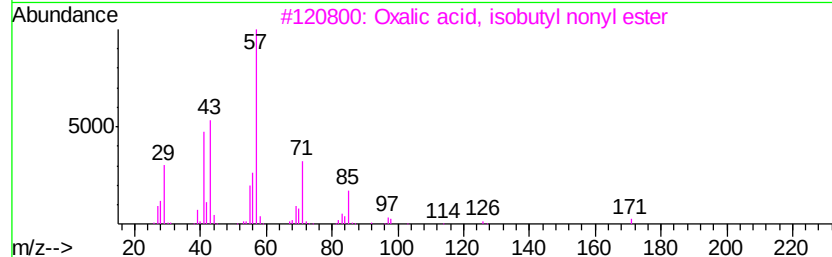
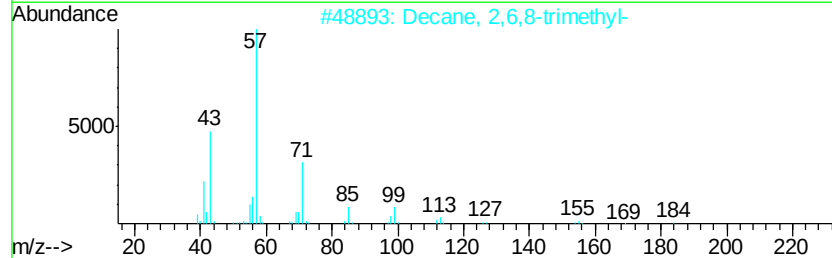
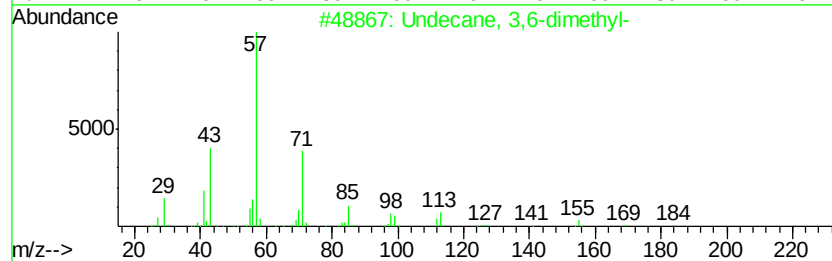
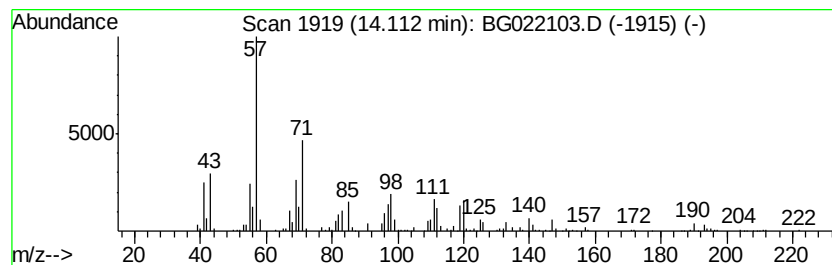
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.11	10.92 ng/ul	342967	Acenaphthene-d10	14.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	43
2		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	43
3		Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	38
4		Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	38
5		Decan-2-yl isobutyl carbonate	258	C15H30O3	1000372-79-5	27



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052716\
Data File : BG022103.D
Acq On : 27 May 2016 10:38
Operator : UM/SJ
Sample : H3201-05DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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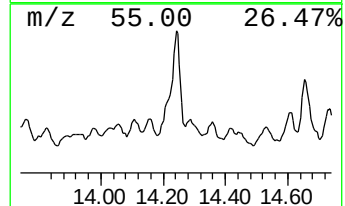
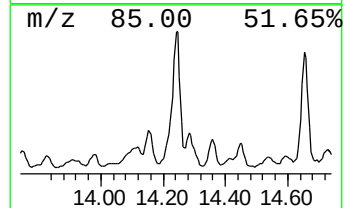
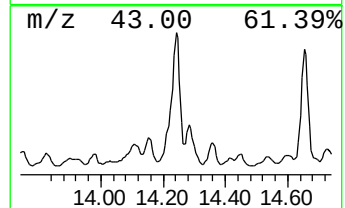
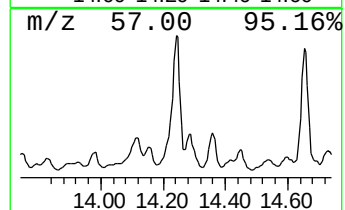
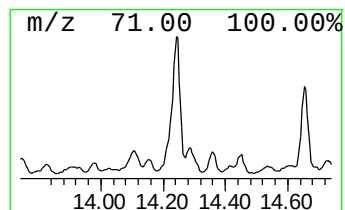
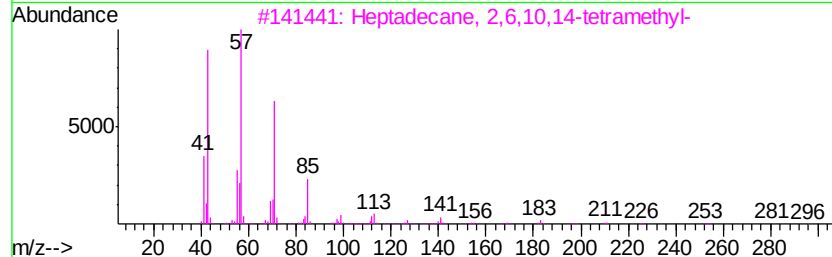
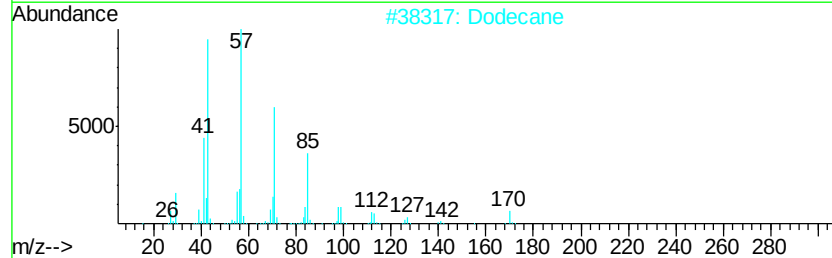
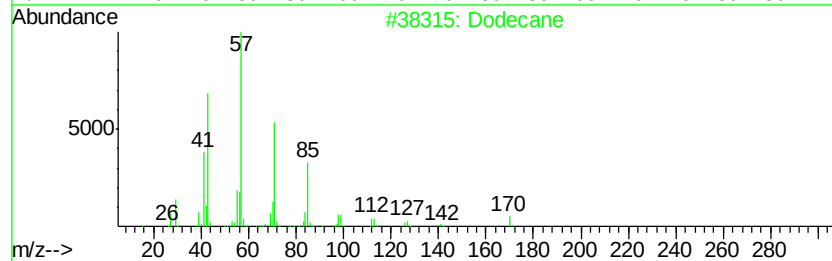
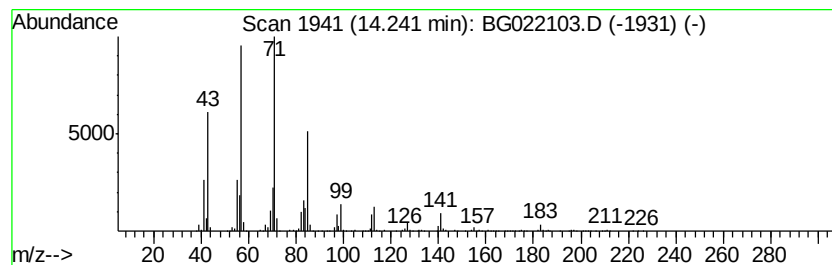
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	106.33 ng/ul	3339540	Acenaphthene-d10	14.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	91
2		Dodecane	170	C12H26	000112-40-3	90
3		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	86
4		Hexadecane	226	C16H34	000544-76-3	86
5		Undecane, 5-methyl-	170	C12H26	001632-70-8	70



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052716\
Data File : BG022103.D
Acq On : 27 May 2016 10:38
Operator : UM/SJ
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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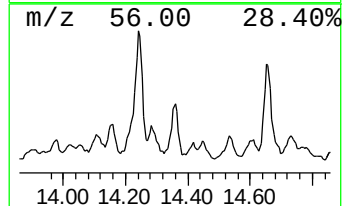
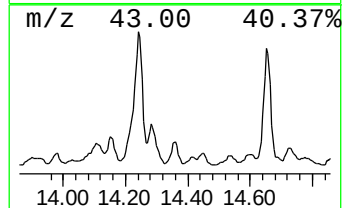
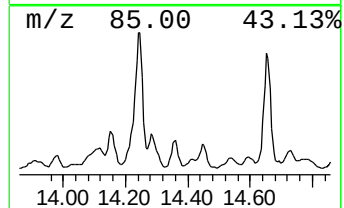
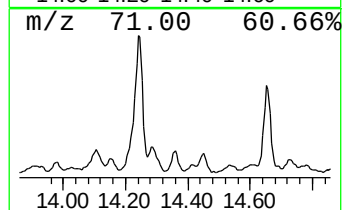
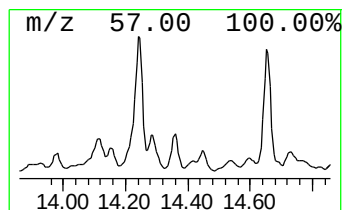
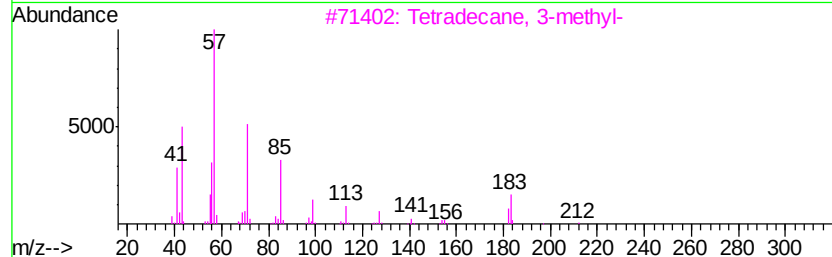
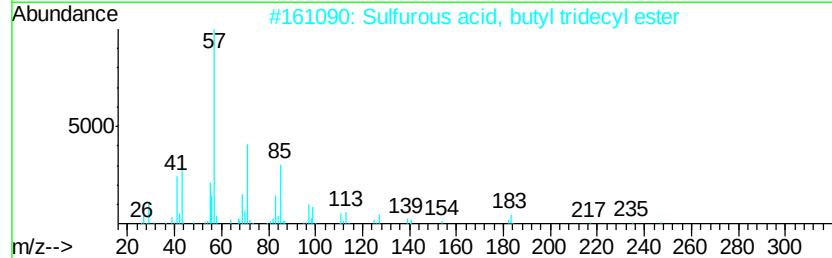
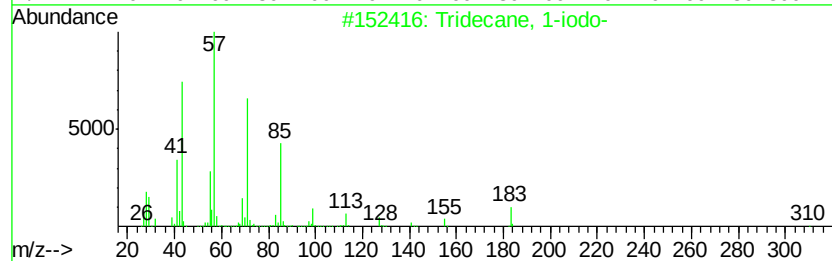
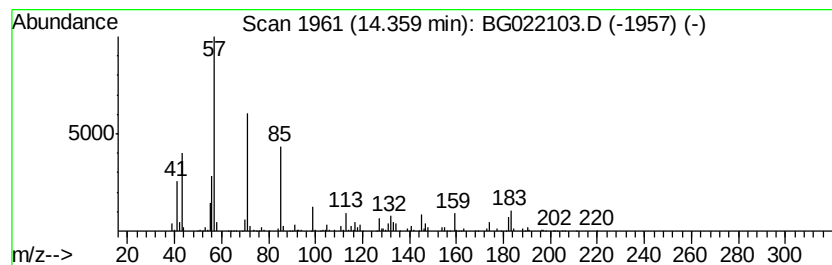
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	11.98 ng/ul	376303	Acenaphthene-d10	14.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
2		Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	78
3		Tetradecane, 3-methyl-	212	C15H32	018435-22-8	72
4		Tetradecane, 3-methyl-	212	C15H32	018435-22-8	72
5		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052716\
Data File : BG022103.D
Acq On : 27 May 2016 10:38
Operator : UM/SJ
Sample : H3201-05DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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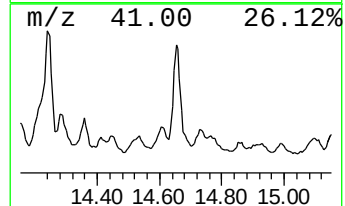
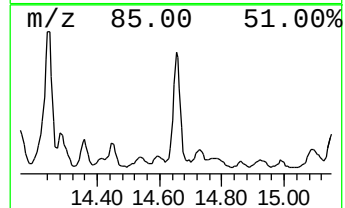
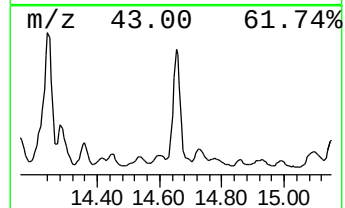
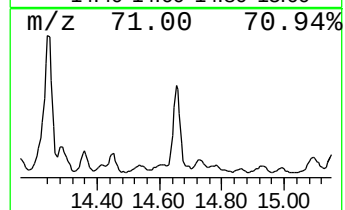
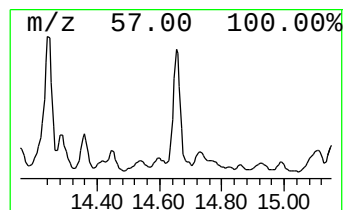
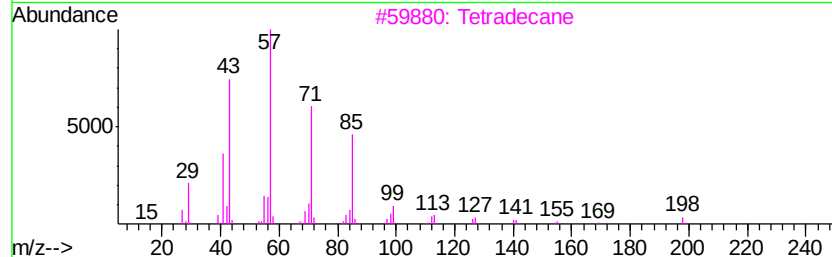
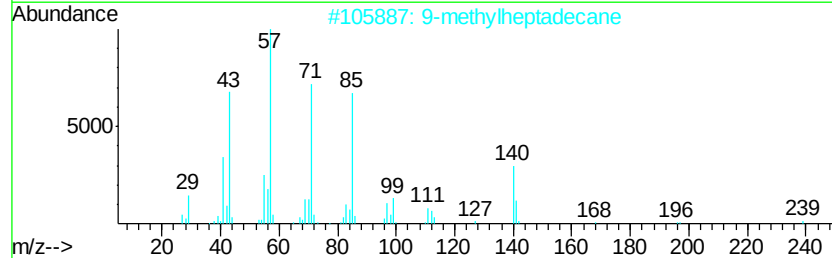
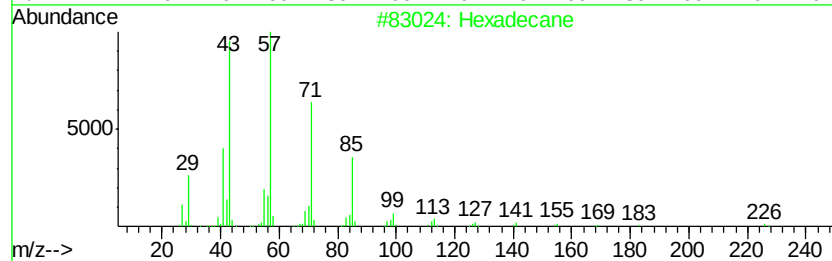
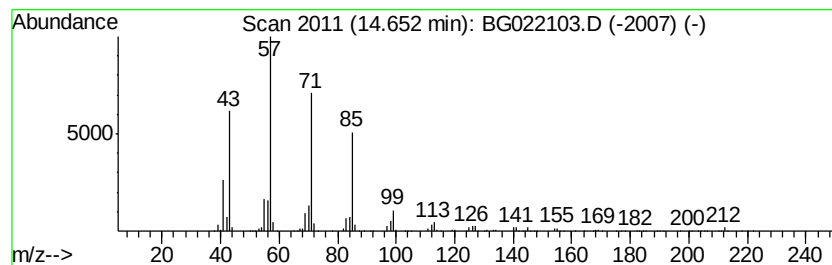
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	54.72 ng/ul	1718590	Acenaphthene-d10	14.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		9-methylheptadecane	254	C18H38	026741-18-4	90
3		Tetradecane	198	C14H30	000629-59-4	90
4		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	86
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052716\
Data File : BG022103.D
Acq On : 27 May 2016 10:38
Operator : UM/SJ
Sample : H3201-05DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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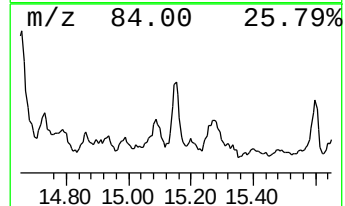
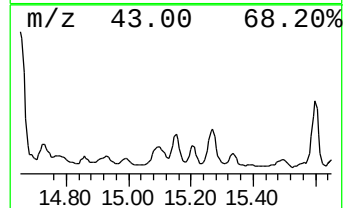
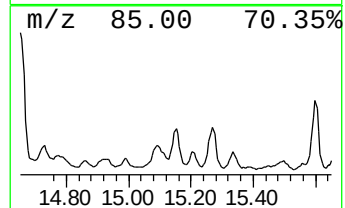
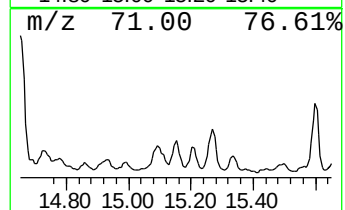
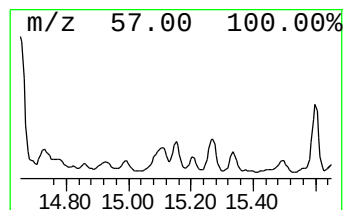
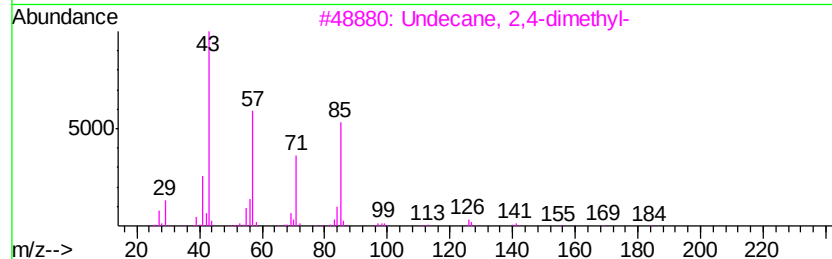
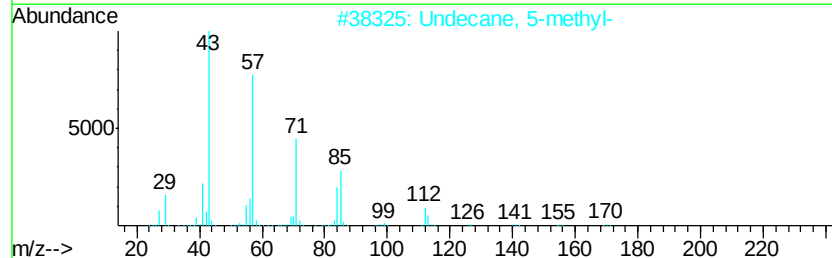
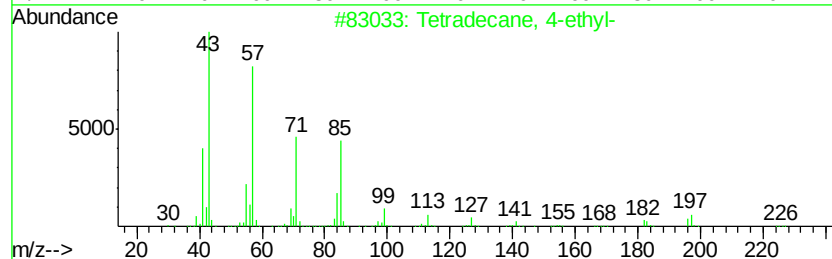
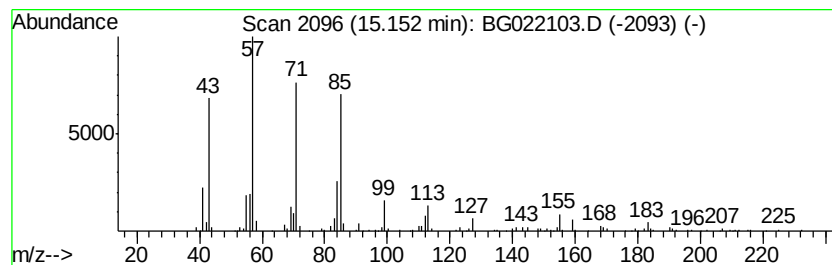
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	10.93 ng/ul	343413	Acenaphthene-d10	14.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	83
2			Undecane, 5-methyl-	170	C12H26	001632-70-8	72
3			Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	72
4			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	64
5			Undecane, 6-ethyl-	184	C13H28	017312-60-6	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052716\
Data File : BG022103.D
Acq On : 27 May 2016 10:38
Operator : UM/SJ
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Misc :
ALS Vial : 3 Sample Multiplier: 1

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ClientSampleId :
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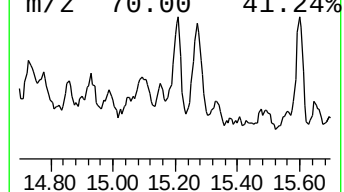
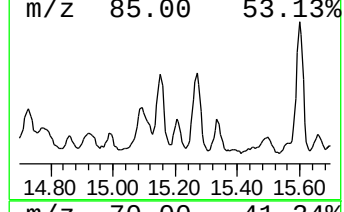
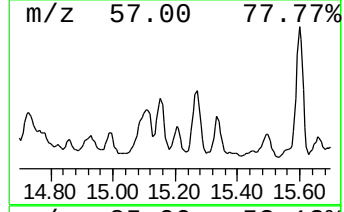
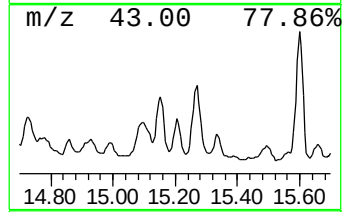
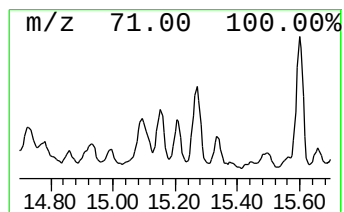
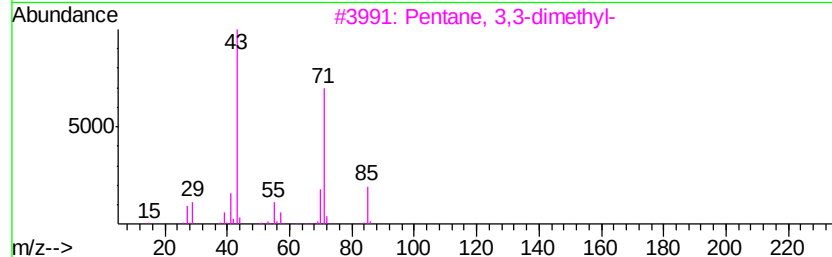
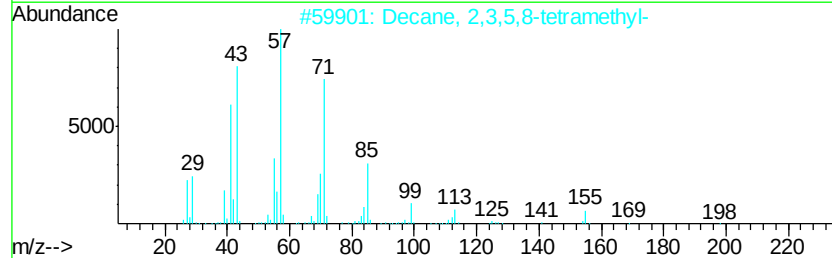
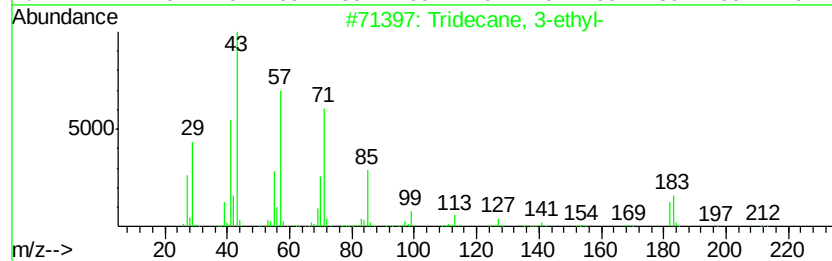
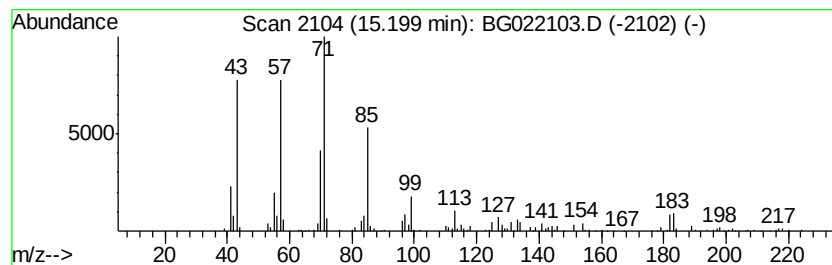
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	7.43 ng/ul	233437	Acenaphthene-d10	14.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 3-ethyl-	212	C15H32	013286-73-2	83
2			Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	72
3			Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	59
4			1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	58
5			Undecane, 6-ethyl-	184	C13H28	017312-60-6	58



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052716\
Data File : BG022103.D
Acq On : 27 May 2016 10:38
Operator : UM/SJ
Sample : H3201-05DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCZK0DL

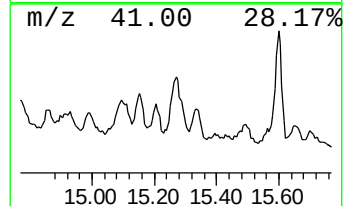
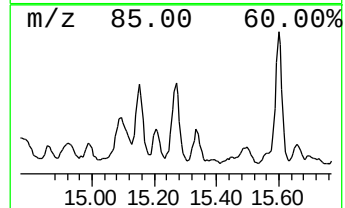
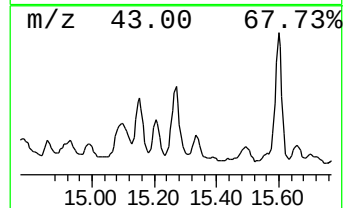
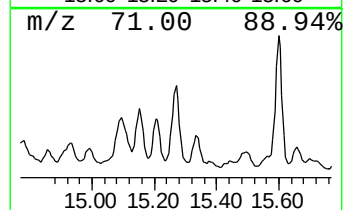
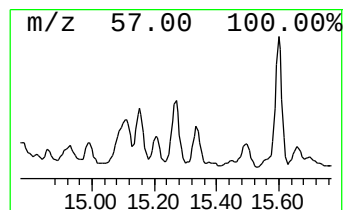
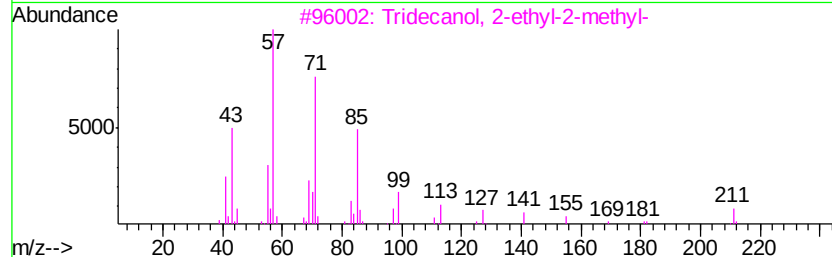
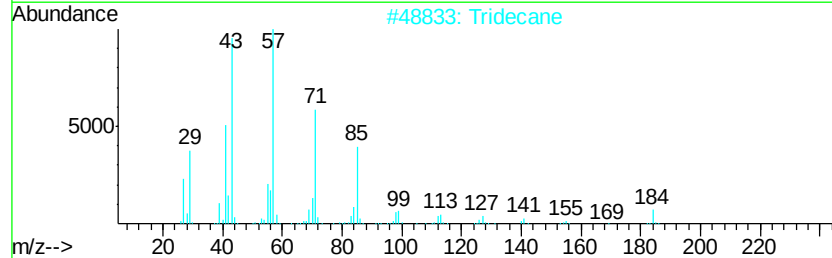
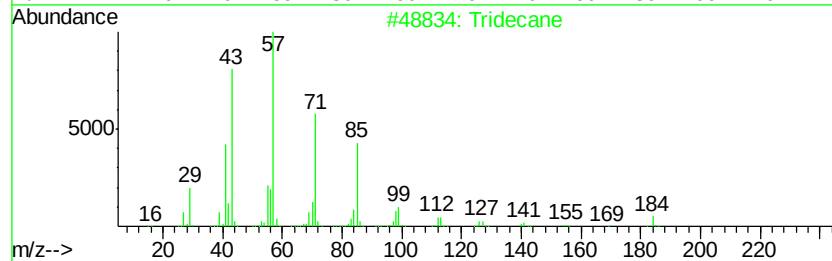
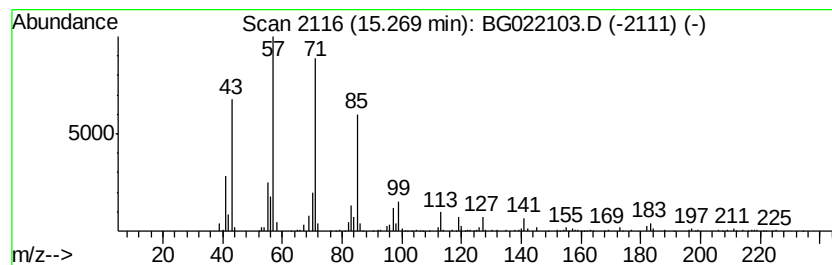
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	21.91 ng/ul	688160	Acenaphthene-d10	14.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	90
2		Tridecane	184	C13H28	000629-50-5	90
3		Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	90
4		Heptacosane	380	C27H56	000593-49-7	86
5		Hexacosane	366	C26H54	000630-01-3	86



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052716\
Data File : BG022103.D
Acq On : 27 May 2016 10:38
Operator : UM/SJ
Sample : H3201-05DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCZK0DL

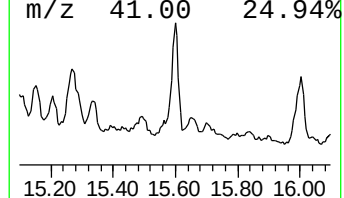
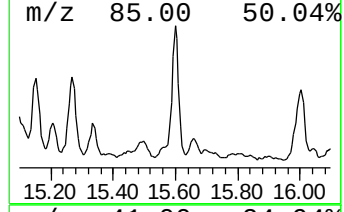
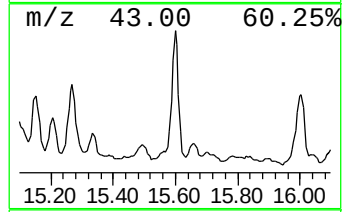
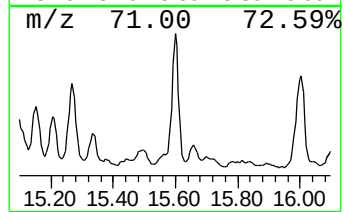
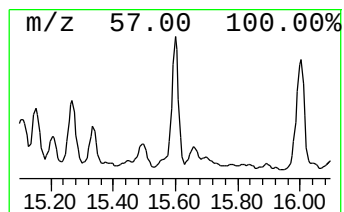
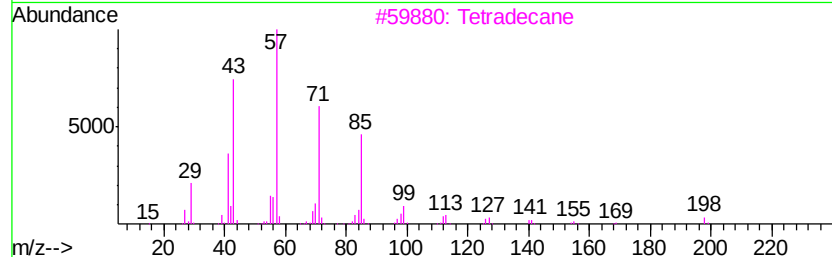
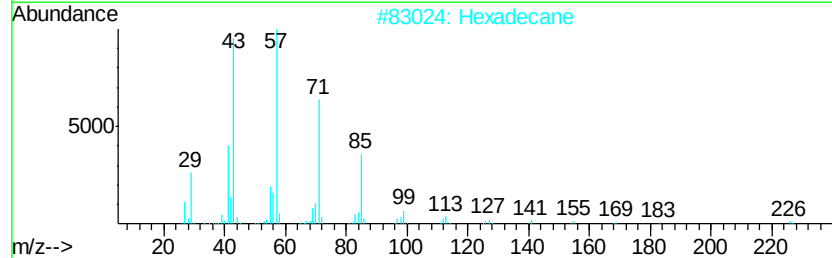
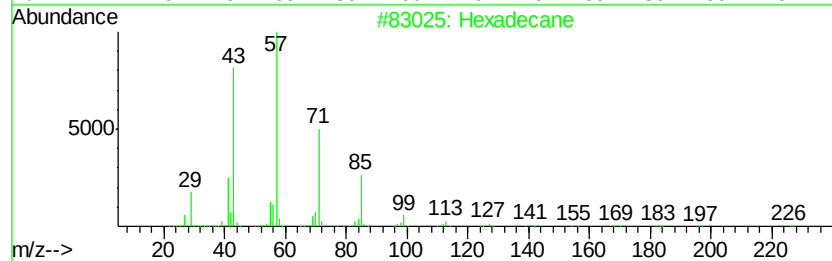
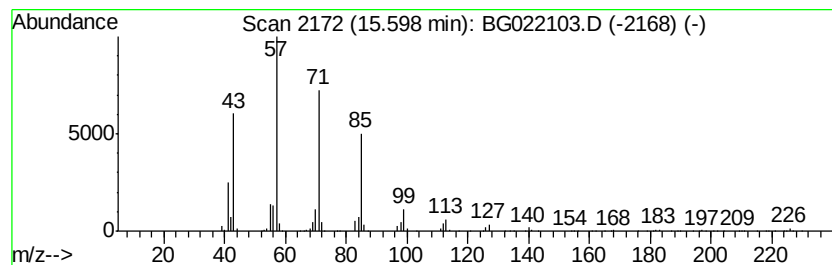
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	24.77 ng/ul	777938	Acenaphthene-d10	14.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	93
2		Hexadecane	226	C16H34	000544-76-3	91
3		Tetradecane	198	C14H30	000629-59-4	90
4		Tetradecane	198	C14H30	000629-59-4	90
5		Pentadecane	212	C15H32	000629-62-9	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052716\
Data File : BG022103.D
Acq On : 27 May 2016 10:38
Operator : UM/SJ
Sample : H3201-05DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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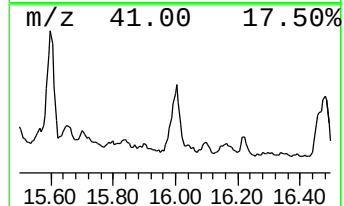
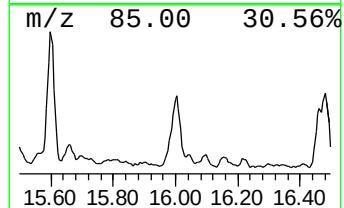
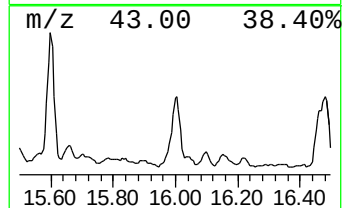
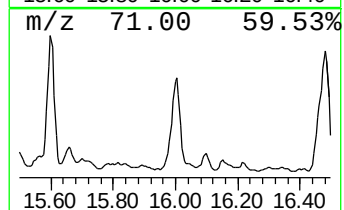
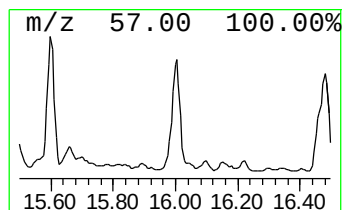
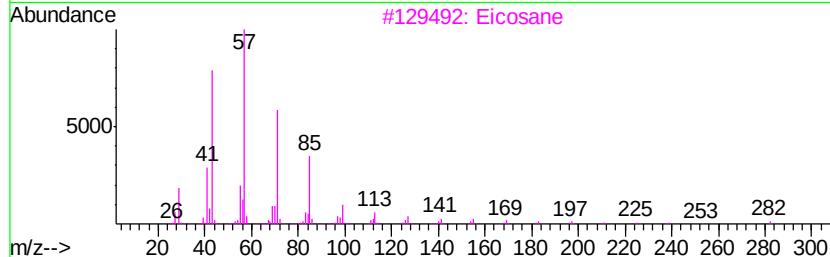
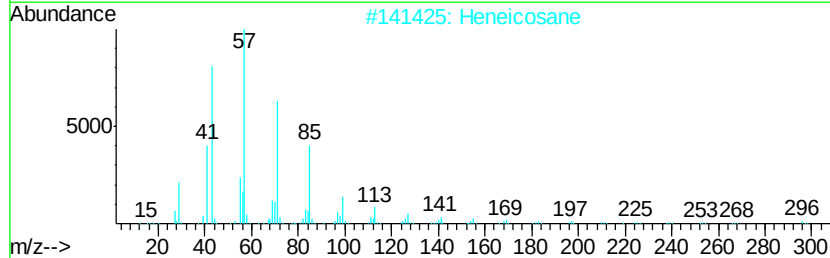
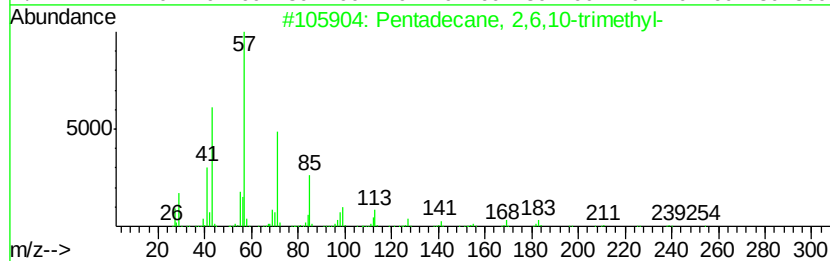
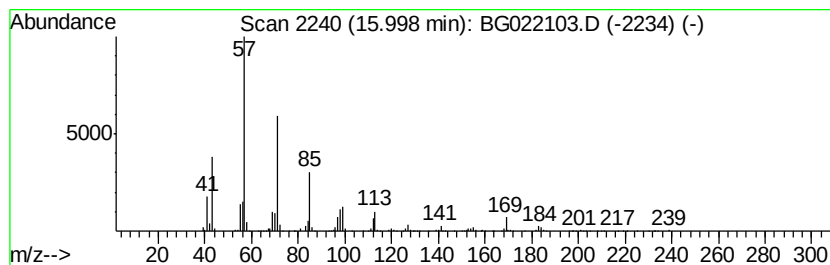
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	24.37 ng/ul	765398	Acenaphthene-d10	14.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	91
2		Heneicosane	296	C21H44	000629-94-7	83
3		Eicosane	282	C20H42	000112-95-8	80
4		Heptacosane	380	C27H56	000593-49-7	80
5		Nonadecane, 2-methyl-	282	C20H42	001560-86-7	80



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052716\
Data File : BG022103.D
Acq On : 27 May 2016 10:38
Operator : UM/SJ
Sample : H3201-05DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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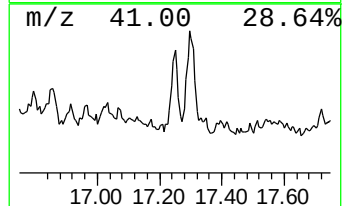
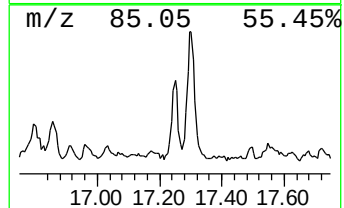
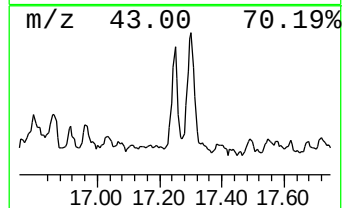
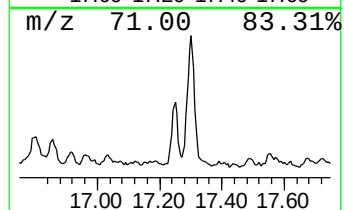
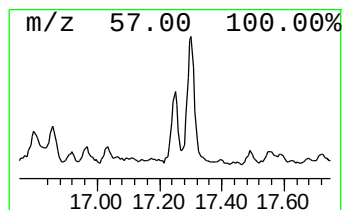
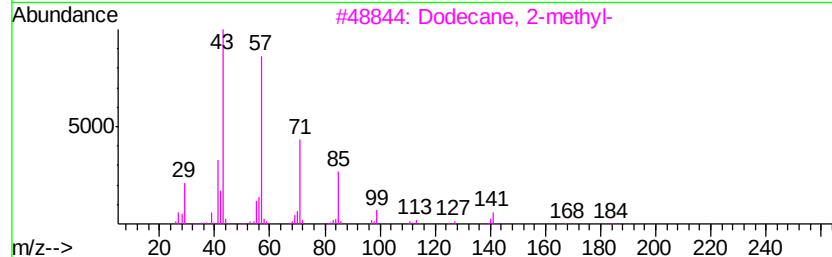
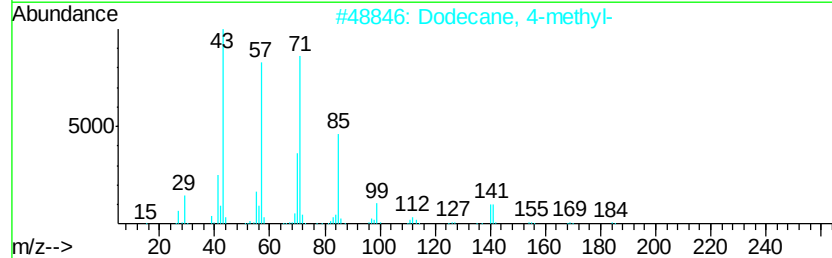
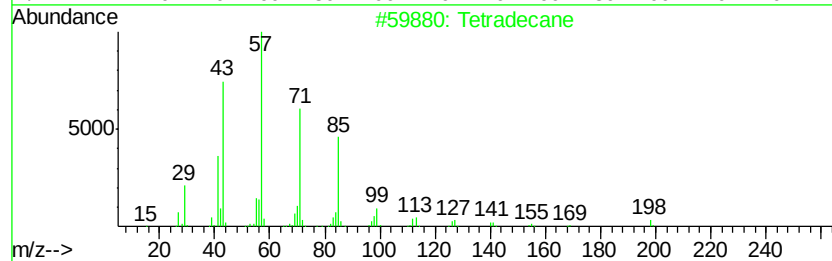
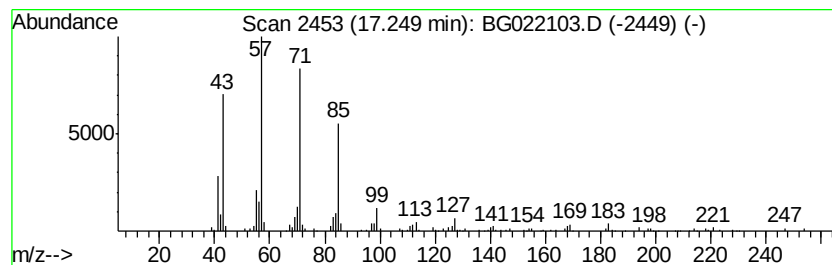
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.25	4.07 ng/ul	100937	Phenanthrene-d10	17.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	94
2			Dodecane, 4-methyl-	184	C13H28	006117-97-1	87
3			Dodecane, 2-methyl-	184	C13H28	001560-97-0	80
4			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
5			Undecane, 6-ethyl-	184	C13H28	017312-60-6	68



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052716\
Data File : BG022103.D
Acq On : 27 May 2016 10:38
Operator : UM/SJ
Sample : H3201-05DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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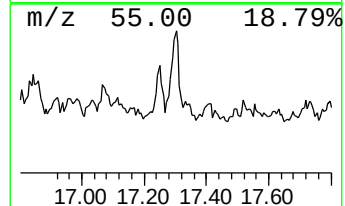
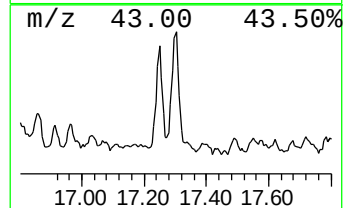
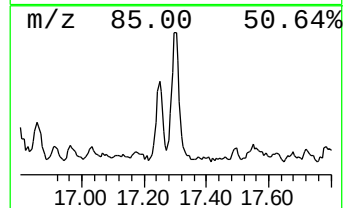
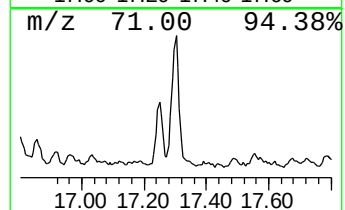
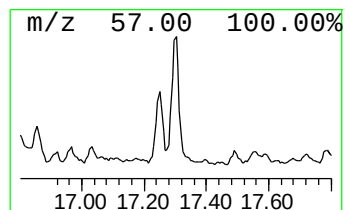
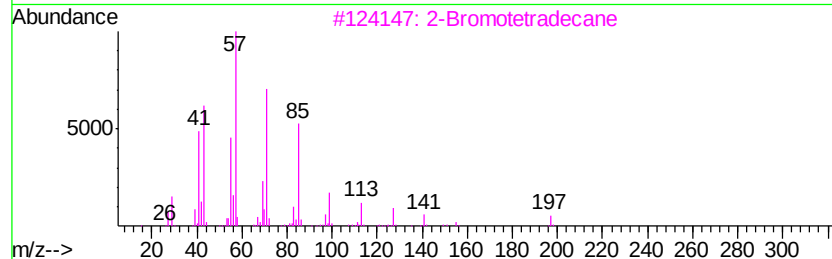
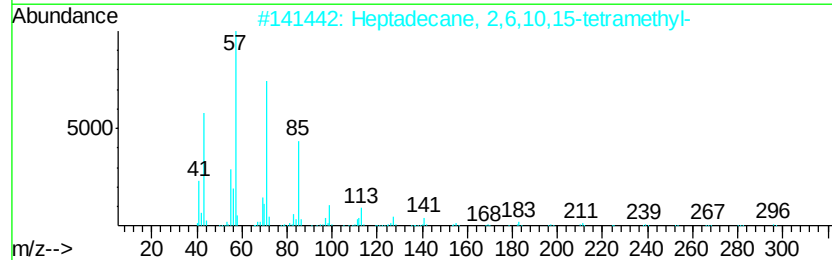
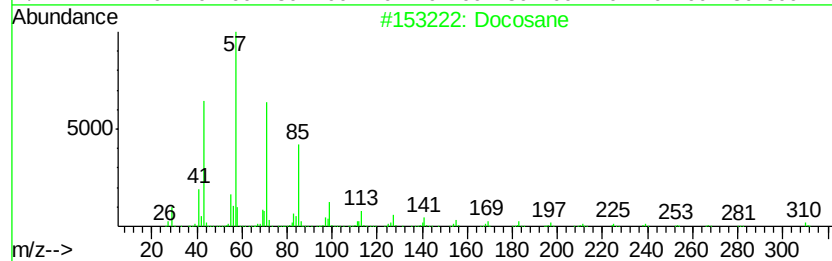
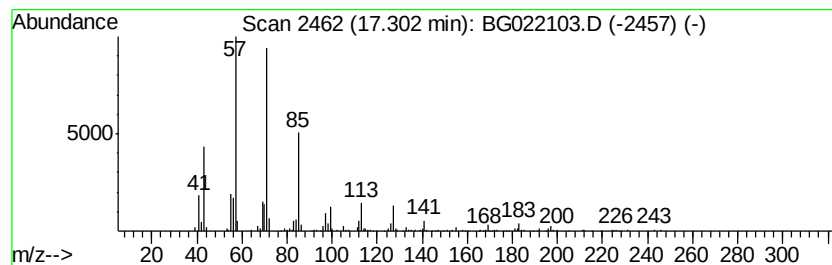
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	9.19 ng/ul	227962	Phenanthrene-d10	17.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Docosane	310	C22H46	000629-97-0	90
2			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
3			2-Bromotetradecane	276	C14H29Br	074036-95-6	87
4			Pentadecane, 4-methyl-	226	C16H34	002801-87-8	86
5			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052716\
Data File : BG022103.D
Acq On : 27 May 2016 10:38
Operator : UM/SJ
Sample : H3201-05DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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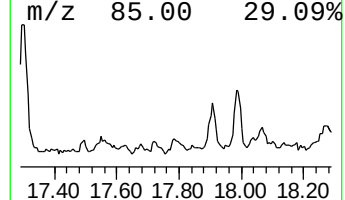
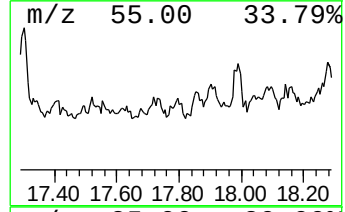
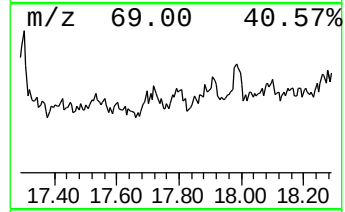
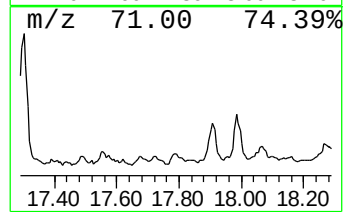
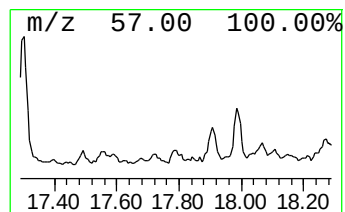
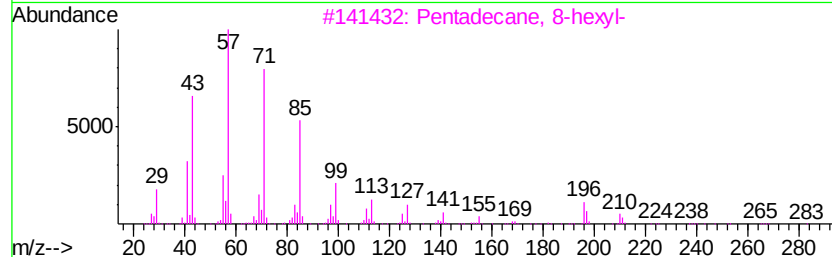
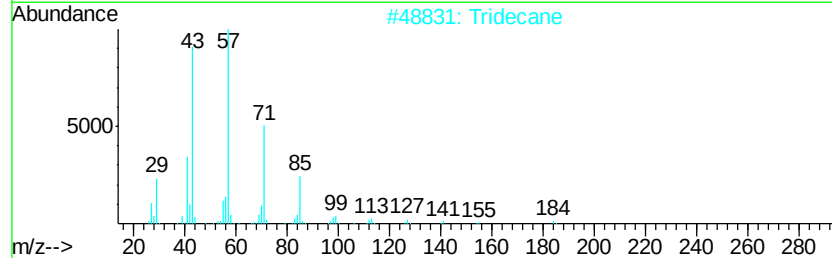
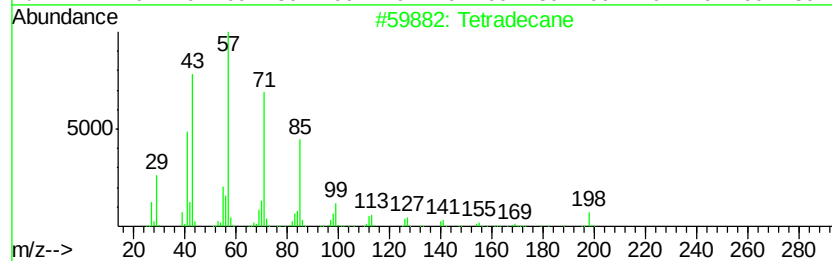
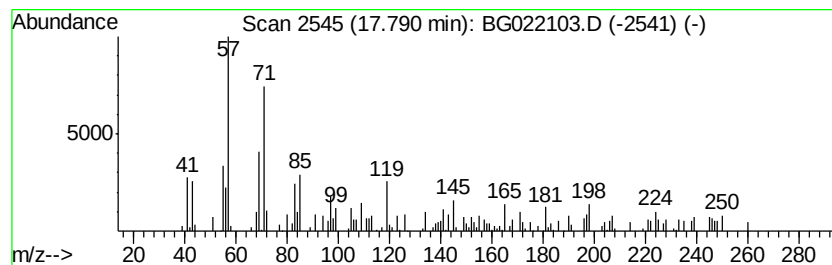
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	2.32 ng/ul	57506	Phenanthrene-d10	17.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	55
2			Tridecane	184	C13H28	000629-50-5	47
3			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	47
4			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	47
5			Undecane	156	C11H24	001120-21-4	47



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052716\
Data File : BG022103.D
Acq On : 27 May 2016 10:38
Operator : UM/SJ
Sample : H3201-05DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCZK0DL

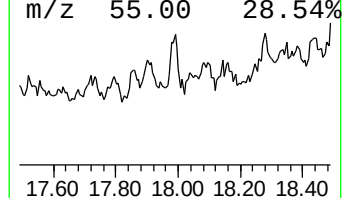
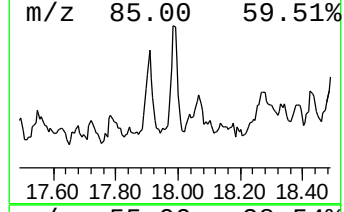
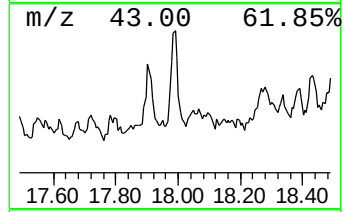
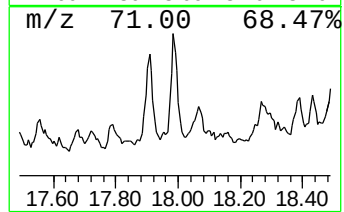
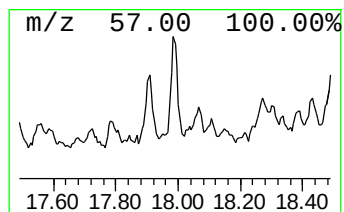
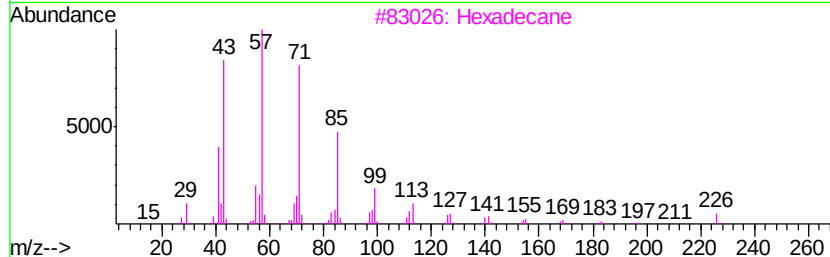
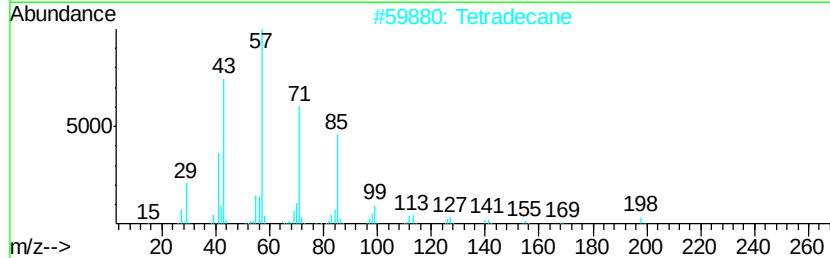
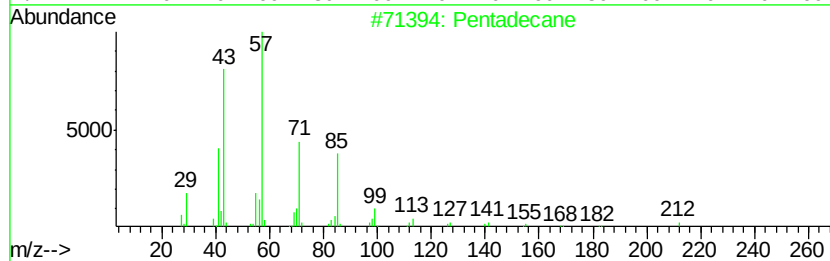
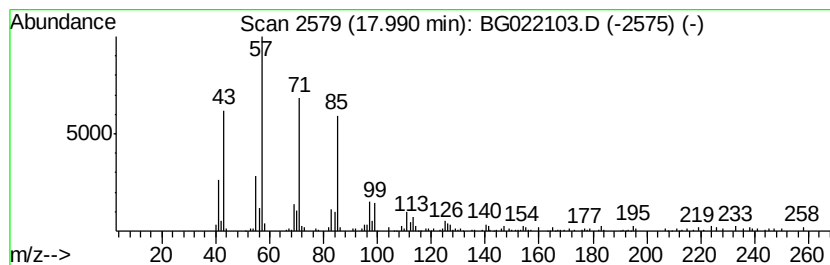
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	4.21 ng/ul	104290	Phenanthrene-d10	17.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	74
2			Tetradecane	198	C14H30	000629-59-4	72
3			Hexadecane	226	C16H34	000544-76-3	60
4			Heptadecane	240	C17H36	000629-78-7	52
5			Hexadecane	226	C16H34	000544-76-3	52



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052716\
Data File : BG022103.D
Acq On : 27 May 2016 10:38
Operator : UM/SJ
Sample : H3201-05DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCZK0DL

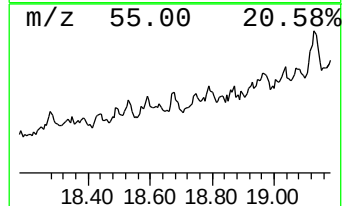
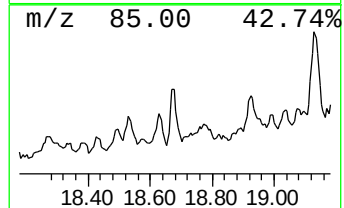
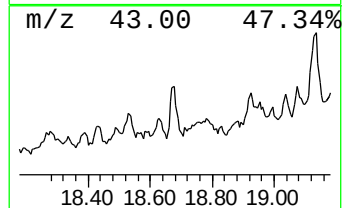
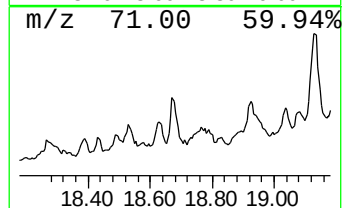
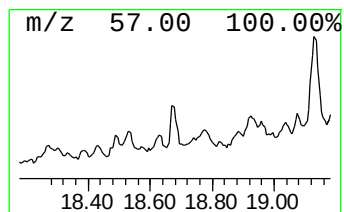
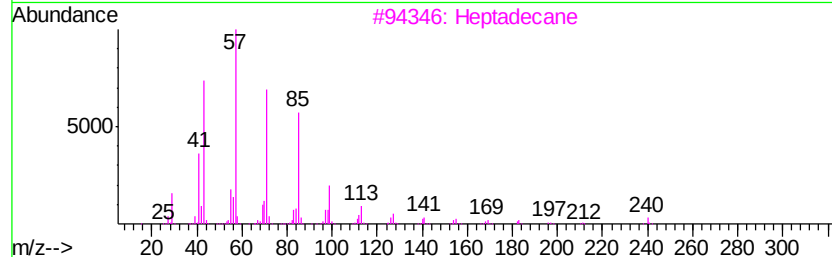
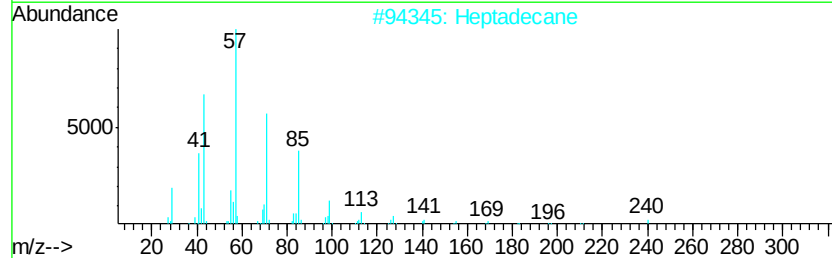
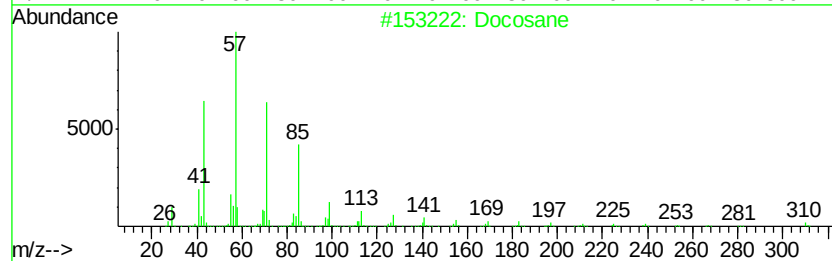
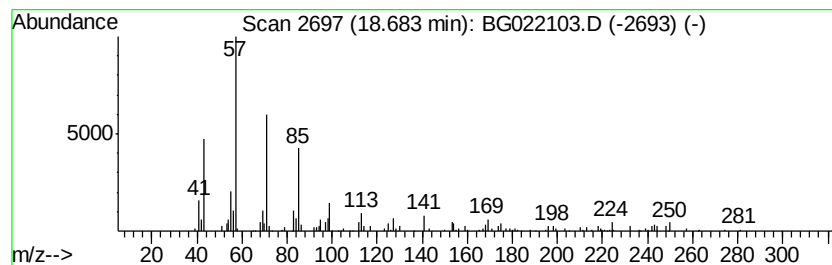
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	2.51 ng/ul	62181	Phenanthrene-d10	17.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Docosane	310	C22H46	000629-97-0	86
2			Heptadecane	240	C17H36	000629-78-7	86
3			Heptadecane	240	C17H36	000629-78-7	80
4			Heptadecane	240	C17H36	000629-78-7	64
5			Tetracosane	338	C24H50	000646-31-1	58



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052716\
Data File : BG022103.D
Acq On : 27 May 2016 10:38
Operator : UM/SJ
Sample : H3201-05DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCZK0DL

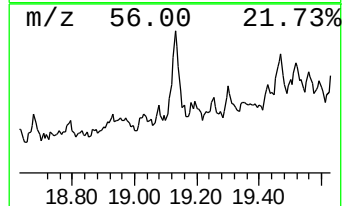
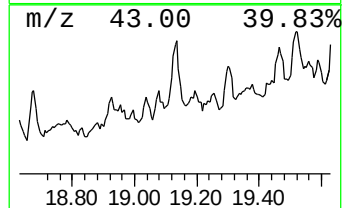
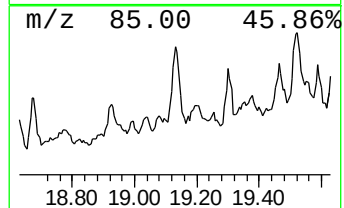
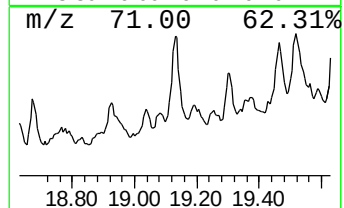
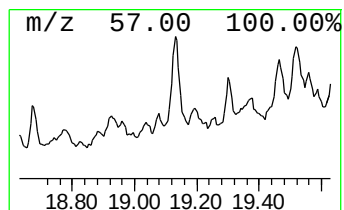
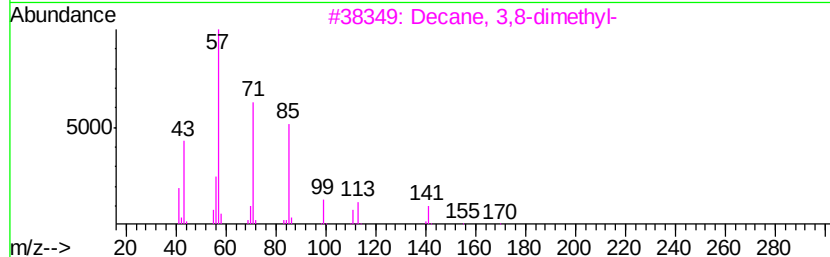
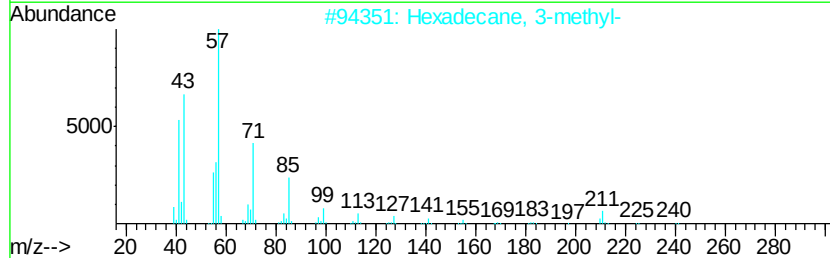
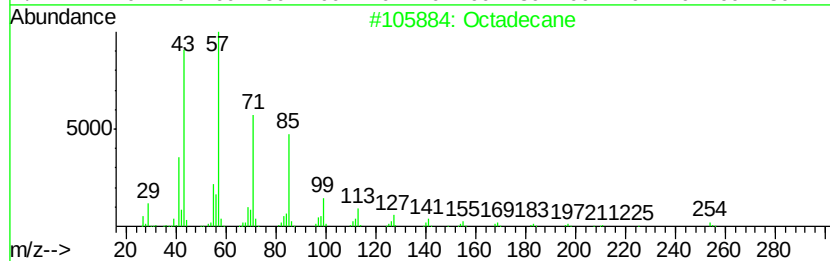
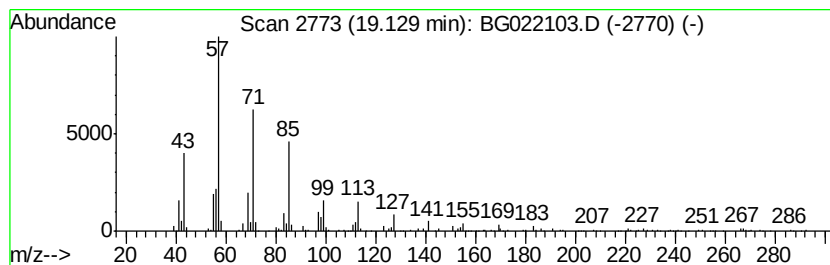
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	7.12 ng/ul	176594	Phenanthrene-d10	17.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	90
2		Hexadecane, 3-methyl-	240	C17H36	006418-43-5	90
3		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	86
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83
5		Octadecane	254	C18H38	000593-45-3	80



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052716\
Data File : BG022103.D
Acq On : 27 May 2016 10:38
Operator : UM/SJ
Sample : H3201-05DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
BCZK0DL

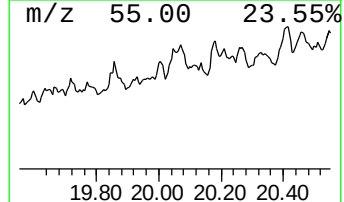
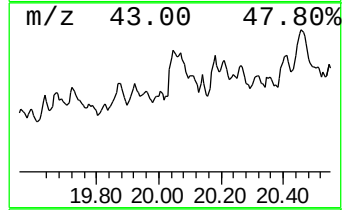
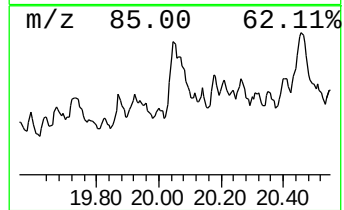
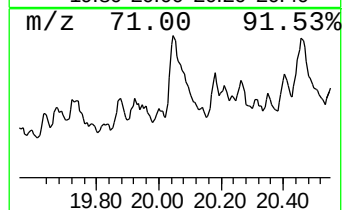
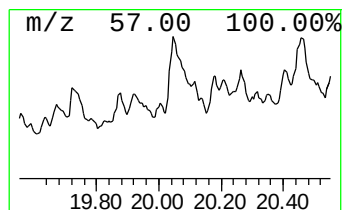
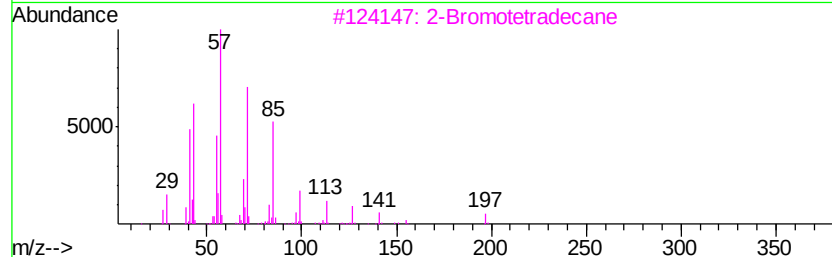
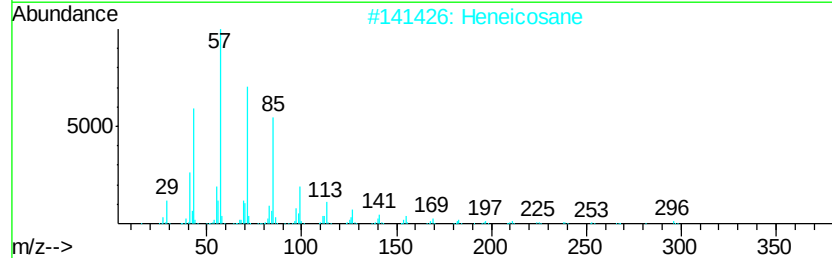
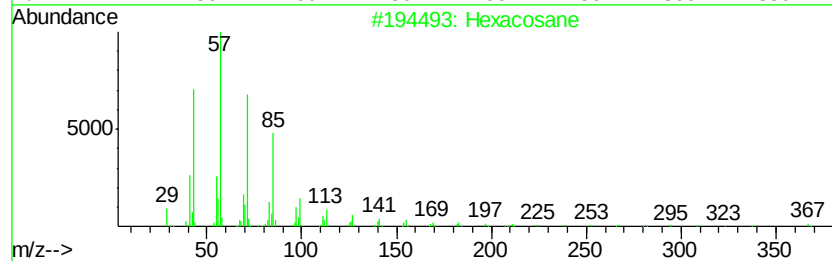
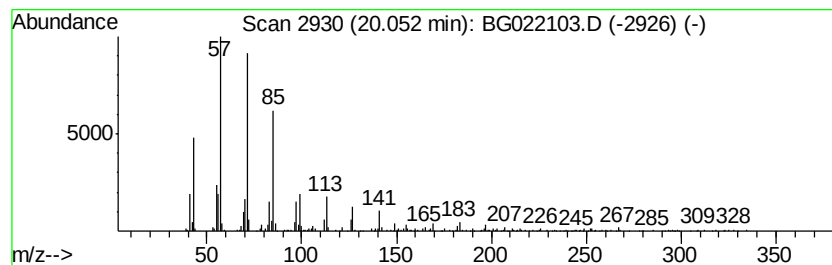
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 65 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.05	4.99 ng/ul	238513	Chrysene-d12	21.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		2-Bromotetradecane	276	C14H29Br	074036-95-6	91
4		Docosane	310	C22H46	000629-97-0	91
5		2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052716\
 Data File : BG022103.D
 Acq On : 27 May 2016 10:38
 Operator : UM/SJ
 Sample : H3201-05DL 10X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCZKODL

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

TIC Library : C:\Database\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	8.57	2.4	ng/ul	28045	1	8.15	237689	20.0
(DEL) Alkane: Str...	8.71	3.3	ng/ul	39011	1	8.15	237689	20.0
(DEL) Alkane: Str...	8.81	2.7	ng/ul	32353	1	8.15	237689	20.0
(DEL) Alkane: Str...	9.00	2.4	ng/ul	28282	1	8.15	237689	20.0
(DEL) Alkane: Str...	9.13	2.4	ng/ul	28216	1	8.15	237689	20.0
Cyclohexane, 1-et...	9.25	11.2	ng/ul	133048	1	8.15	237689	20.0
unknown-01	9.35	7.4	ng/ul	88104	1	8.15	237689	20.0
Sulfurous acid, c...	9.46	5.0	ng/ul	58846	1	8.15	237689	20.0
1-Octadecanesulph...	9.62	6.7	ng/ul	129551	2	10.97	386155	20.0
unknown-02	9.71	2.9	ng/ul	55916	2	10.97	386155	20.0
(DEL) Alkane: Str...	9.79	6.2	ng/ul	119737	2	10.97	386155	20.0
trans-Decalin, 2-...	9.89	6.8	ng/ul	131129	2	10.97	386155	20.0
Bicyclo[4.1.0]hep...	10.15	6.5	ng/ul	126101	2	10.97	386155	20.0
Cyclononane, 1,1,...	10.29	5.2	ng/ul	100585	2	10.97	386155	20.0
(DEL) Alkane: Str...	10.37	7.8	ng/ul	150835	2	10.97	386155	20.0
(DEL) Alkane: Str...	10.47	4.5	ng/ul	86866	2	10.97	386155	20.0
unknown-03	10.55	5.6	ng/ul	107929	2	10.97	386155	20.0
(DEL) Alkane: Str...	10.67	11.4	ng/ul	220693	2	10.97	386155	20.0
unknown-04	10.74	5.5	ng/ul	106978	2	10.97	386155	20.0
unknown-05	10.82	3.0	ng/ul	57572	2	10.97	386155	20.0
(DEL) Alkane: Str...	10.92	15.2	ng/ul	292571	2	10.97	386155	20.0
(DEL) Alkane: Str...	11.11	43.0	ng/ul	829523	2	10.97	386155	20.0
Octacosyl trifluo...	11.17	14.3	ng/ul	276675	2	10.97	386155	20.0
(DEL) Alkane: Str...	11.34	9.9	ng/ul	190807	2	10.97	386155	20.0
(DEL) Alkane: Str...	11.46	13.2	ng/ul	253932	2	10.97	386155	20.0
1-Octanol, 2-butyl-	11.50	3.4	ng/ul	64843	2	10.97	386155	20.0
Tetracontane, 3,5...	11.79	20.2	ng/ul	389778	2	10.97	386155	20.0
(DEL) Alkane: Str...	11.87	24.8	ng/ul	478710	2	10.97	386155	20.0
(DEL) Alkane: Str...	11.97	87.1	ng/ul	1681980	2	10.97	386155	20.0
unknown-06	12.01	12.8	ng/ul	247300	2	10.97	386155	20.0
unknown-07	12.16	7.8	ng/ul	150362	2	10.97	386155	20.0
(DEL) Alkane: Str...	12.36	67.5	ng/ul	1302560	2	10.97	386155	20.0
(DEL) Alkane: Str...	12.57	43.5	ng/ul	839764	2	10.97	386155	20.0
(DEL) Alkane: Str...	13.09	11.0	ng/ul	345305	3	14.79	628121	20.0
(DEL) Alkane: Str...	13.17	16.4	ng/ul	515347	3	14.79	628121	20.0
(DEL) Alkane: Str...	13.25	15.0	ng/ul	471752	3	14.79	628121	20.0
(DEL) Alkane: Str...	13.31	73.3	ng/ul	2300900	3	14.79	628121	20.0
(DEL) Alkane: Str...	13.59	90.2	ng/ul	2832710	3	14.79	628121	20.0
(DEL) Alkane: Str...	13.98	7.1	ng/ul	223898	3	14.79	628121	20.0
(DEL) Alkane: Str...	14.11	10.9	ng/ul	342967	3	14.79	628121	20.0
(DEL) Alkane: Str...	14.24	106.3	ng/ul	3339540	3	14.79	628121	20.0
(DEL) Alkane: Str...	14.36	12.0	ng/ul	376303	3	14.79	628121	20.0
(DEL) Alkane: Str...	14.65	54.7	ng/ul	1718590	3	14.79	628121	20.0
(DEL) Alkane: Str...	15.15	10.9	ng/ul	343413	3	14.79	628121	20.0
(DEL) Alkane: Str...	15.20	7.4	ng/ul	233437	3	14.79	628121	20.0
(DEL) Alkane: Str...	15.27	21.9	ng/ul	688160	3	14.79	628121	20.0
(DEL) Alkane: Str...	15.60	24.8	ng/ul	777938	3	14.79	628121	20.0
(DEL) Alkane: Str...	16.00	24.4	ng/ul	765398	3	14.79	628121	20.0
(DEL) Alkane: Str...	17.25	4.1	ng/ul	100937	4	17.53	495879	20.0

(DEL)	Alkane: Str...	17.30	9.2 ng/ul	227962	4	17.53	495879	20.0
(DEL)	Alkane: Str...	17.79	2.3 ng/ul	57506	4	17.53	495879	20.0
(DEL)	Alkane: Str...	17.99	4.2 ng/ul	104290	4	17.53	495879	20.0
(DEL)	Alkane: Str...	18.68	2.5 ng/ul	62181	4	17.53	495879	20.0
(DEL)	Alkane: Str...	19.13	7.1 ng/ul	176594	4	17.53	495879	20.0
(DEL)	Alkane: Str...	20.05	5.0 ng/ul	238513	5	21.81	955220	20.0

Instrument :

BNA_G

ClientSampleId :

BCZK0DL