

Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
 Data File : BG028561.D
 Acq On : 30 Aug 2017 20:20
 Operator : SJ/JU
 Sample : I4917-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0B47

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 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: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.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	7.495	657	665	673	rBV2	189076	444532	26.88%	1.218%
2	7.654	681	692	699	rBV	141208	263747	15.95%	0.722%
3	7.877	724	730	737	rVV2	191890	364381	22.04%	0.998%
4	8.288	794	800	804	rVV2	98073	169052	10.22%	0.463%
5	8.341	804	809	823	rVB2	167604	378535	22.89%	1.037%
6	9.040	921	928	935	rBV	190567	353351	21.37%	0.968%
7	9.175	945	951	955	rBV5	56804	109145	6.60%	0.299%
8	9.434	984	995	1002	rBV4	104882	287012	17.36%	0.786%
9	9.510	1002	1008	1017	rBV3	202003	469442	28.39%	1.286%
10	9.646	1025	1031	1034	rBV6	48291	108373	6.55%	0.297%
11	9.792	1044	1056	1064	rVB3	73167	236262	14.29%	0.647%
12	9.892	1064	1073	1078	rBV5	50506	149122	9.02%	0.408%
13	9.957	1078	1084	1090	rBV2	107152	193289	11.69%	0.529%
14	10.069	1098	1103	1117	rVB4	130478	286207	17.31%	0.784%
15	10.186	1117	1123	1126	rBV2	65039	132088	7.99%	0.362%
16	10.233	1126	1131	1138	rVV3	190768	375900	22.73%	1.030%
17	10.327	1143	1147	1151	rVV2	102095	190269	11.51%	0.521%
18	10.368	1151	1154	1162	rVB5	72218	144325	8.73%	0.395%
19	10.462	1162	1170	1177	rBV9	37853	136280	8.24%	0.373%
20	10.550	1178	1185	1196	rVV9	43508	158466	9.58%	0.434%
21	10.727	1204	1215	1219	rBV5	45826	146786	8.88%	0.402%
22	10.780	1219	1224	1230	rVB	210964	372862	22.55%	1.021%
23	10.850	1230	1236	1243	rVB5	82391	160796	9.72%	0.440%
24	11.091	1272	1277	1284	rBV4	92074	194705	11.77%	0.533%
25	11.161	1284	1289	1295	rBV	243484	447824	27.08%	1.227%
26	11.279	1304	1309	1316	rVB2	575350	1010370	61.10%	2.768%
27	11.349	1316	1321	1327	rVV4	108092	247820	14.99%	0.679%
28	11.402	1327	1330	1336	rVB4	67784	116148	7.02%	0.318%
29	11.508	1340	1348	1352	rBV6	67693	169281	10.24%	0.464%
30	11.631	1362	1369	1374	rVB4	78318	152928	9.25%	0.419%
31	11.843	1398	1405	1417	rVB5	135418	378473	22.89%	1.037%
32	11.955	1419	1424	1431	rBV5	101527	205479	12.43%	0.563%
33	12.031	1433	1437	1446	rVB7	100576	262950	15.90%	0.720%
34	12.131	1447	1454	1459	rVV	638207	1017762	61.55%	2.788%

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35	12.184	1459	1463	1467	rVV3	143845	287672	17.40%	0.788%
36	12.225	1467	1470	1483	rVB8	90680	199971	12.09%	0.548%
37	12.331	1483	1488	1492	rBV6	60328	112232	6.79%	0.307%
38	12.407	1493	1501	1508	rBV9	89047	268590	16.24%	0.736%
39	12.519	1514	1520	1530	rVB	378739	584440	35.34%	1.601%
40	12.601	1530	1534	1539	rBV7	55503	131717	7.97%	0.361%
41	12.660	1539	1544	1549	rVB5	63907	137185	8.30%	0.376%
42	12.736	1550	1557	1563	rVB2	208594	478182	28.92%	1.310%
43	12.795	1563	1567	1573	rBV7	68093	123980	7.50%	0.340%
44	12.871	1575	1580	1585	rVB6	67019	107968	6.53%	0.296%
45	12.948	1585	1593	1597	rBV6	70748	204871	12.39%	0.561%
46	13.141	1621	1626	1630	rBV	174929	315416	19.07%	0.864%
47	13.247	1641	1644	1648	rVB	121630	151861	9.18%	0.416%
48	13.318	1649	1656	1664	rVB	171700	297707	18.00%	0.815%
49	13.400	1664	1670	1674	rBV2	166114	237369	14.35%	0.650%
50	13.459	1674	1680	1694	rVB	577051	895772	54.17%	2.454%
51	13.741	1718	1728	1738	rBV	963561	1653620	100.00%	4.529%
52	13.823	1738	1742	1749	rBV5	81829	178746	10.81%	0.490%
53	13.894	1751	1754	1763	rVB5	72571	126425	7.65%	0.346%
54	13.976	1764	1768	1775	rVB8	71256	126310	7.64%	0.346%
55	14.129	1789	1794	1800	rVB5	72645	130733	7.91%	0.358%
56	14.264	1812	1817	1821	rBV3	112678	164447	9.94%	0.450%
57	14.340	1821	1830	1833	rBV	363305	703590	42.55%	1.927%
58	14.393	1834	1839	1843	rVV2	670133	1145110	69.25%	3.137%
59	14.428	1843	1845	1853	rVV	164984	275488	16.66%	0.755%
60	14.510	1853	1859	1863	rVB	134524	199045	12.04%	0.545%
61	14.646	1877	1882	1893	rBV	392961	782464	47.32%	2.143%
62	14.804	1896	1909	1917	rVB	971635	1455200	88.00%	3.986%
63	14.881	1918	1922	1926	rBV2	69844	138310	8.36%	0.379%
64	14.951	1928	1934	1940	rVB3	333632	607373	36.73%	1.664%
65	15.151	1962	1968	1976	rBV3	143623	347620	21.02%	0.952%
66	15.245	1977	1984	1990	rBV5	78177	203670	12.32%	0.558%
67	15.304	1990	1994	1997	rBV2	80110	117903	7.13%	0.323%
68	15.356	1998	2003	2008	rVV5	74046	163000	9.86%	0.446%
69	15.415	2008	2013	2021	rVB2	180119	333285	20.15%	0.913%
70	15.562	2032	2038	2043	rBV7	68766	132206	7.99%	0.362%
71	15.750	2060	2070	2076	rBV	690019	1025314	62.00%	2.808%

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72	15.944	2098	2103	2114	rVB	534284	850392	51.43%	2.329%
73	16.067	2119	2124	2131	rVB3	164445	289236	17.49%	0.792%
74	16.156	2132	2139	2143	rBV	248956	410695	24.84%	1.125%
75	16.373	2173	2176	2182	rVB3	70595	110766	6.70%	0.303%
76	16.614	2212	2217	2219	rBV	455083	630305	38.12%	1.726%
77	17.407	2348	2352	2357	rBV	307705	358909	21.70%	0.983%
78	17.460	2357	2361	2366	rVB	127575	177640	10.74%	0.487%
79	17.707	2396	2403	2408	rBV2	413213	716161	43.31%	1.962%
80	17.801	2413	2419	2427	rVB	557097	908703	54.95%	2.489%
81	17.883	2428	2433	2439	rBV7	69555	131088	7.93%	0.359%
82	18.147	2473	2478	2487	rVB	245108	362336	21.91%	0.992%
83	18.553	2542	2547	2554	rBV3	143267	332056	20.08%	0.910%
84	18.623	2556	2559	2566	rVB2	99203	147863	8.94%	0.405%
85	18.711	2567	2574	2577	rBV7	42910	109276	6.61%	0.299%
86	18.829	2592	2594	2600	rVB	152402	168906	10.21%	0.463%
87	19.305	2667	2675	2678	rBV3	83834	198213	11.99%	0.543%
88	19.358	2680	2684	2687	rBV	76085	107867	6.52%	0.295%
89	19.475	2697	2704	2708	rBV2	187516	384572	23.26%	1.053%
90	19.528	2709	2713	2717	rVV3	74481	132003	7.98%	0.362%
91	19.804	2754	2760	2768	rBV10	118124	292303	17.68%	0.801%
92	19.945	2780	2784	2791	rBV	291821	403533	24.40%	1.105%
93	20.022	2792	2797	2801	rVB3	72883	141738	8.57%	0.388%
94	20.080	2801	2807	2817	rBV2	729507	1455576	88.02%	3.987%
95	20.168	2818	2822	2827	rVB	123447	170020	10.28%	0.466%
96	20.897	2942	2946	2950	rBV	83913	119086	7.20%	0.326%
97	20.991	2960	2962	2966	rVB2	115428	123281	7.46%	0.338%
98	22.037	3133	3140	3151	rVB	473836	889307	53.78%	2.436%
99	25.310	3689	3697	3717	rVB3	329935	1137366	68.78%	3.115%
100	25.562	3731	3740	3752	rVB3	253577	870411	52.64%	2.384%

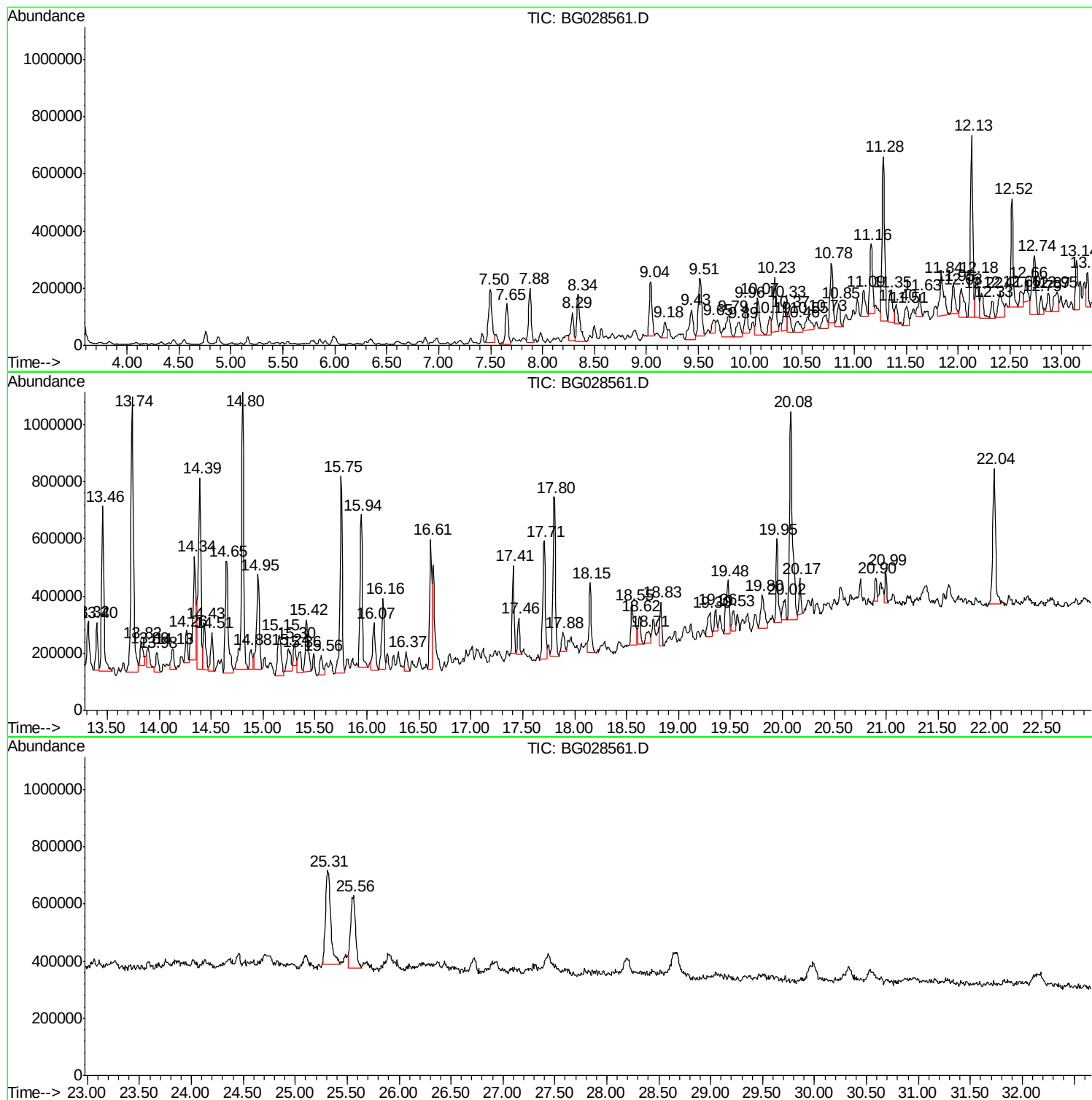
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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



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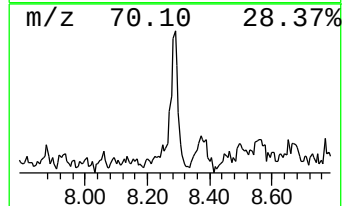
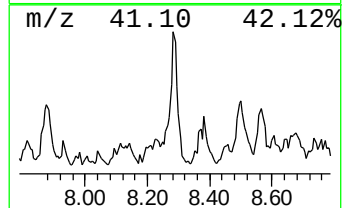
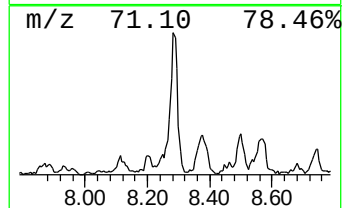
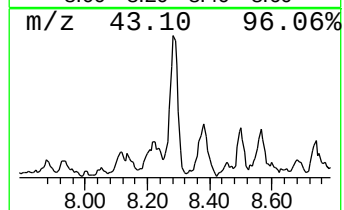
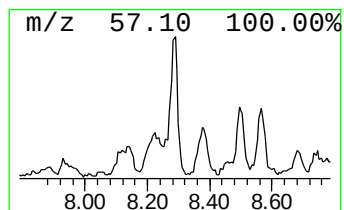
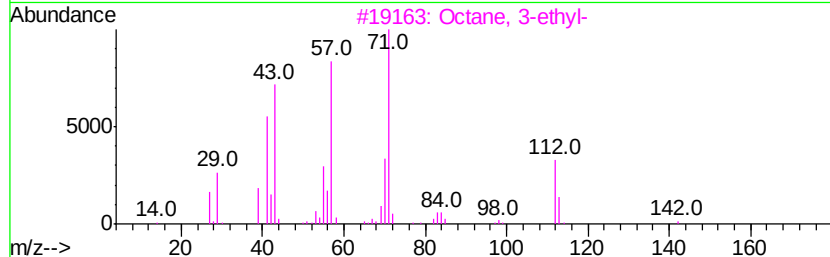
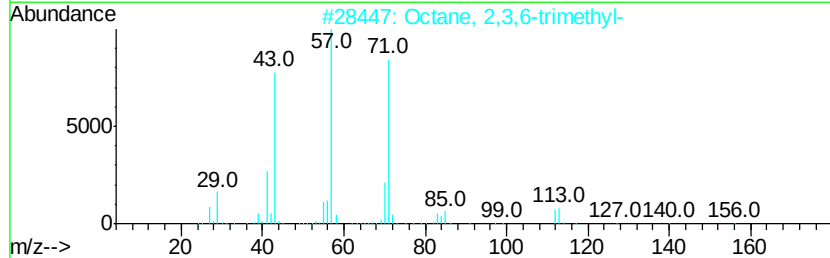
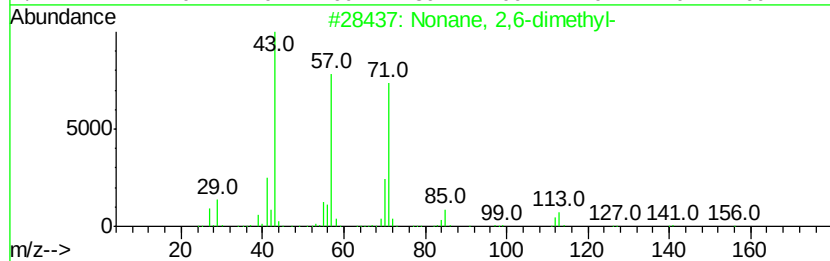
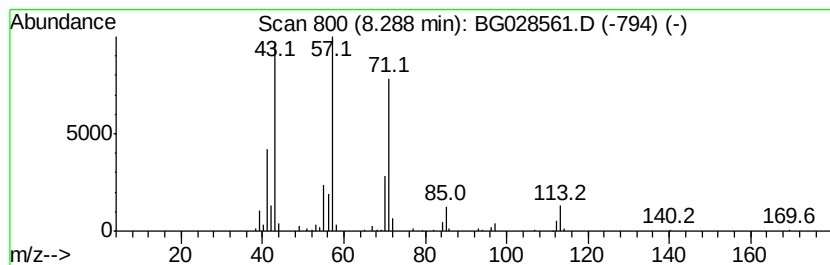
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	8.93 ng/ul	169052	1,4-Dichlorobenzene-d4	8.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	78
2		Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	72
3		Octane, 3-ethyl-	142	C10H22	005881-17-4	72
4		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	64
5		Decane, 4-methyl-	156	C11H24	002847-72-5	64



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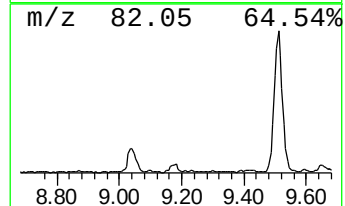
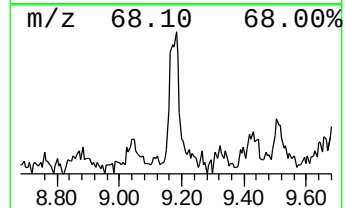
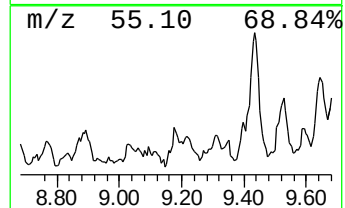
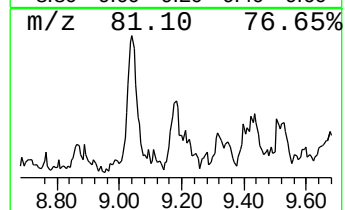
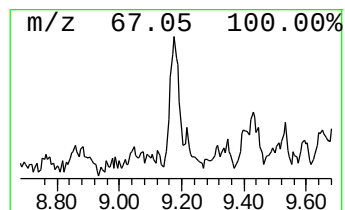
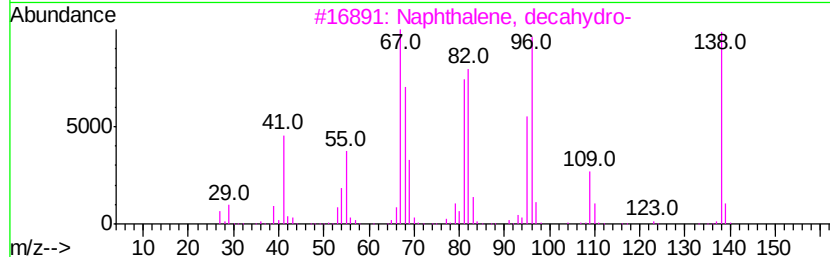
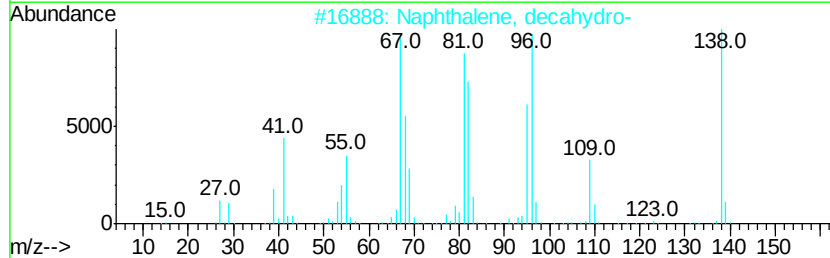
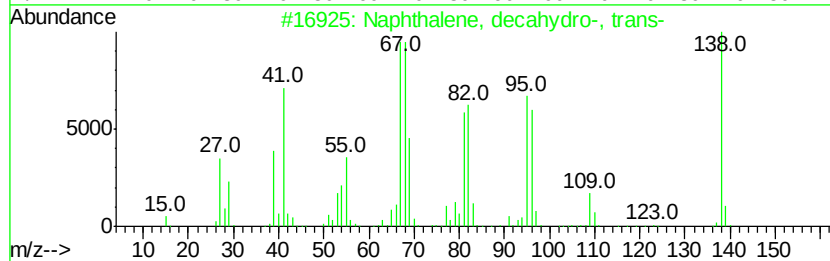
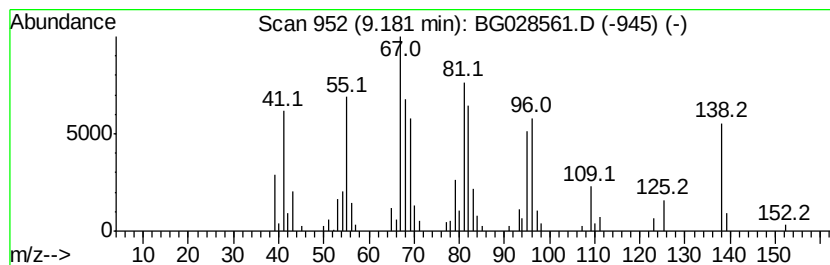
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Naphthalene, decahydro-, tr... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	5.77 ng/ul	109145	1,4-Dichlorobenzene-d4	8.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	92
2		Naphthalene, decahydro-	138	C10H18	000091-17-8	87
3		Naphthalene, decahydro-	138	C10H18	000091-17-8	87
4		Naphthalene, decahydro-	138	C10H18	000091-17-8	87
5		5H-Inden-5-one, octahydro-, trans-	138	C9H14O	004668-81-9	81



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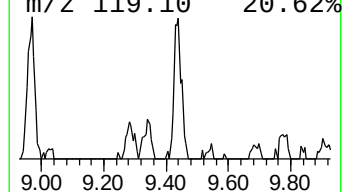
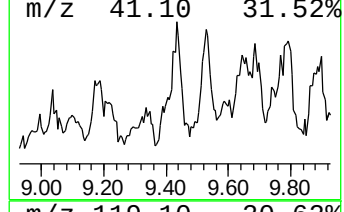
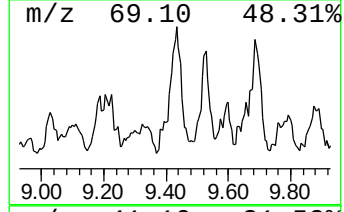
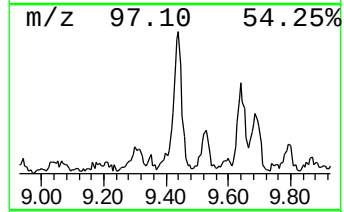
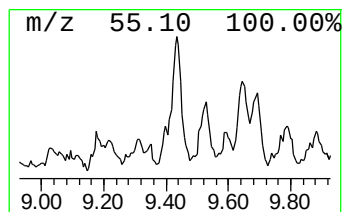
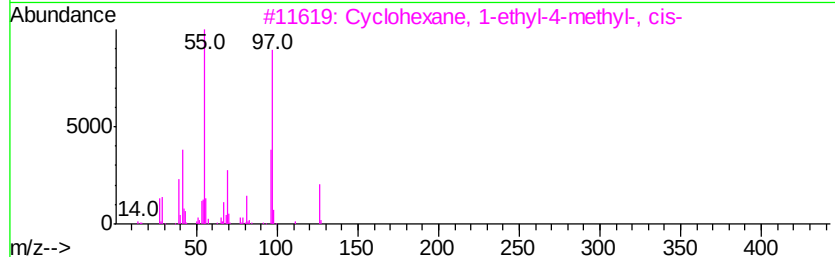
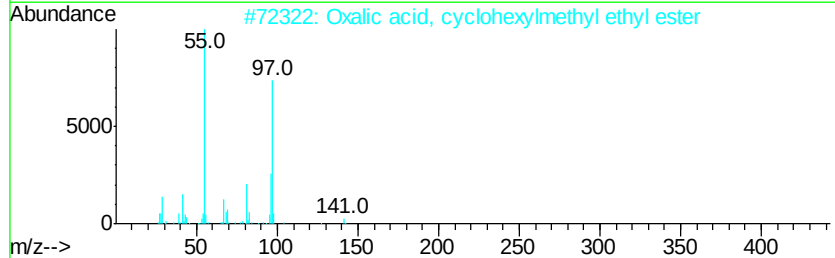
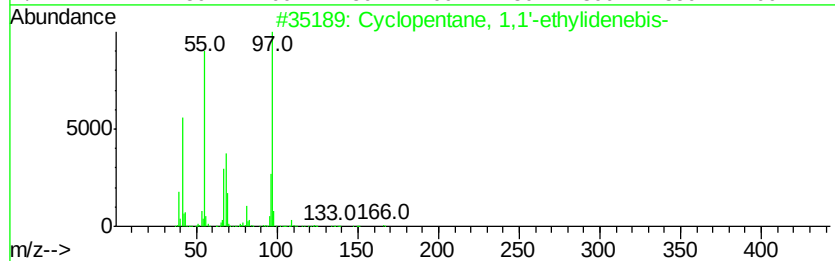
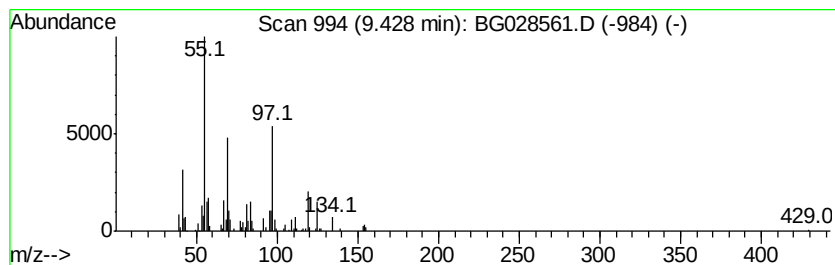
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Peak Number 3 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	15.16 ng/ul	287012	1,4-Dichlorobenzene-d4	8.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,1'-ethyldienebis-	166	C12H22	004413-21-2	47
2		Oxalic acid, cyclohexylmethyl et...	214	C11H18O4	1000309-68-0	38
3		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	38
4		Oxalic acid, butyl cyclohexylmet...	242	C13H22O4	1000309-68-2	38
5		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	38



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028561.D
Acq On : 30 Aug 2017 20:20
Operator : SJ/JU
Sample : I4917-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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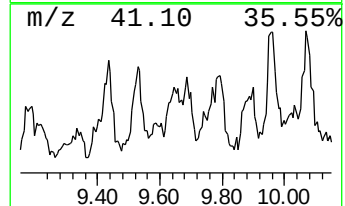
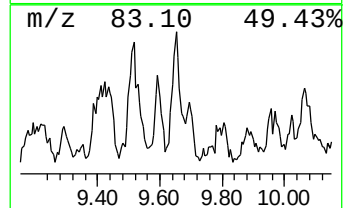
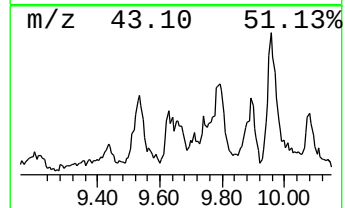
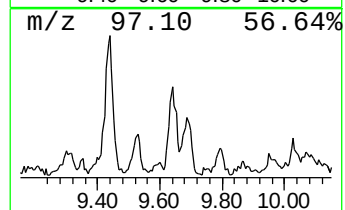
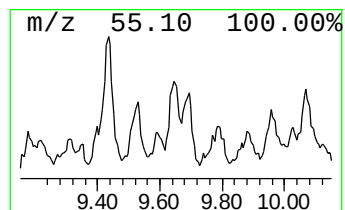
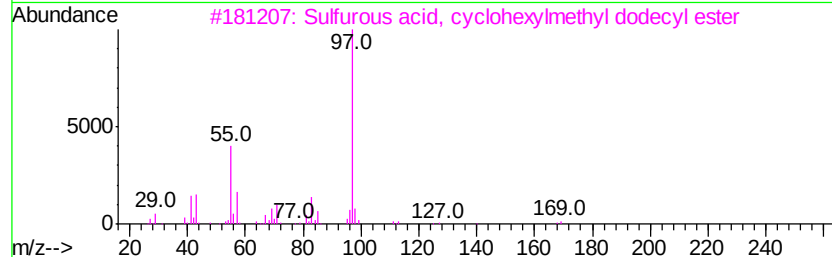
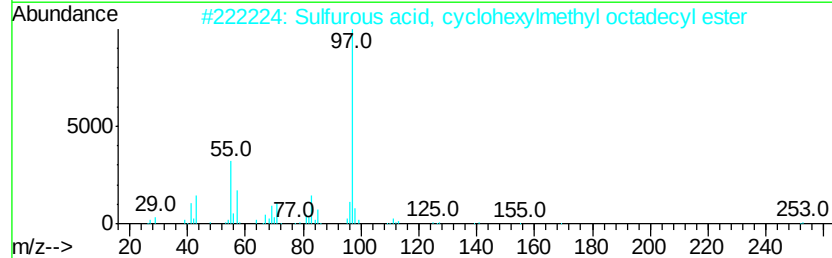
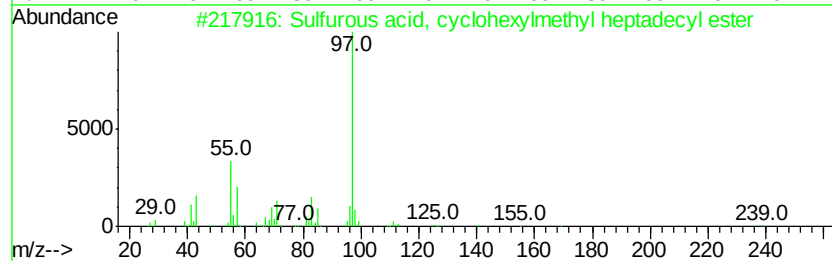
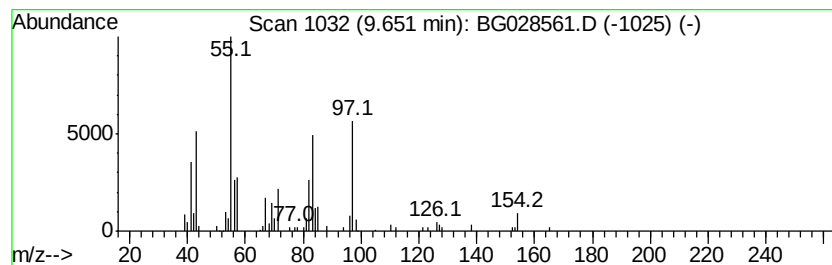
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Sulfurous acid, cyclohexylm... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	5.73 ng/ul	108373	1,4-Dichlorobenzene-d4	8.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, cyclohexylmethyl...	416	C24H48O3S	1000309-22-5	59
2		Sulfurous acid, cyclohexylmethyl...	430	C25H50O3S	1000309-22-6	59
3		Sulfurous acid, cyclohexylmethyl...	346	C19H38O3S	1000309-22-0	53
4		1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	47
5		Oxalic acid, cyclohexylmethyl no...	312	C18H32O4	1000309-68-6	47



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028561.D
Acq On : 30 Aug 2017 20:20
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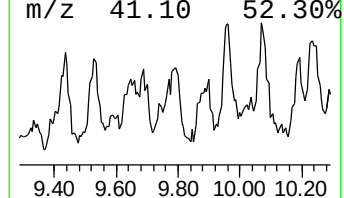
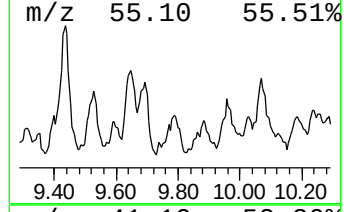
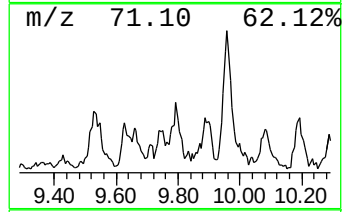
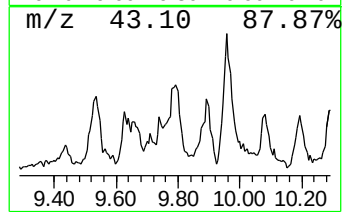
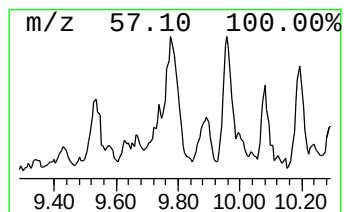
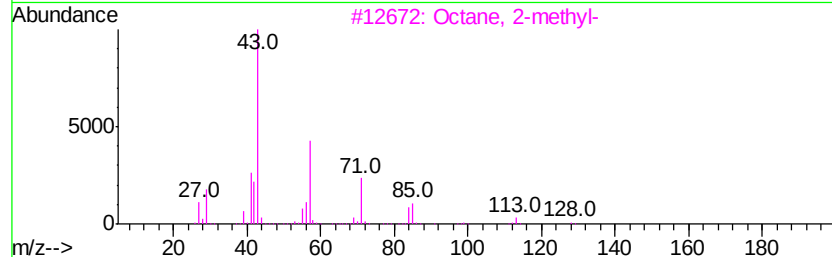
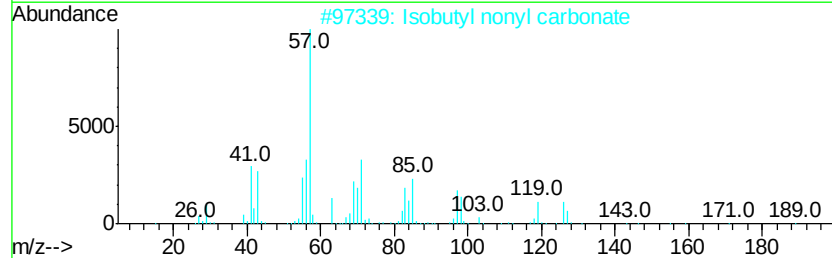
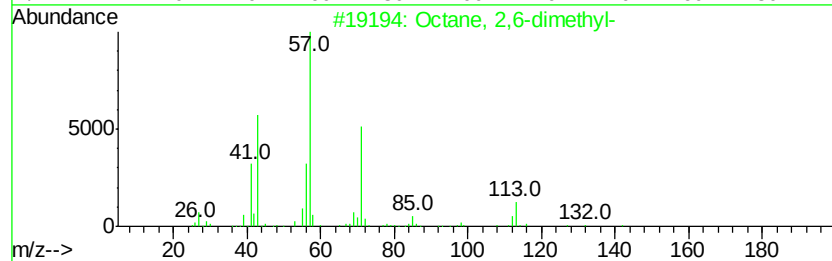
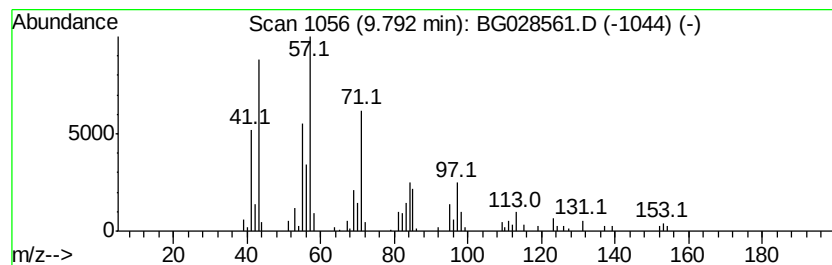
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	10.55 ng/ul	236262	Napthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	43
2		Isobutyl nonyl carbonate	244	C14H28O3	959311-27-4	43
3		Octane, 2-methyl-	128	C9H20	003221-61-2	43
4		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	38
5		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	35



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028561.D
Acq On : 30 Aug 2017 20:20
Operator : SJ/JU
Sample : I4917-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

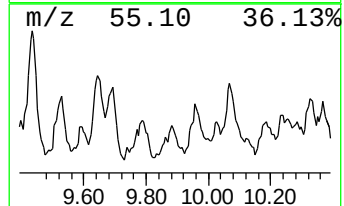
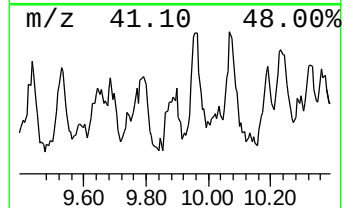
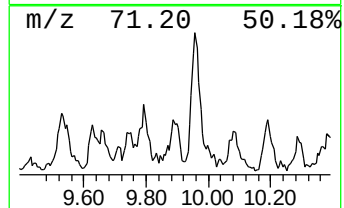
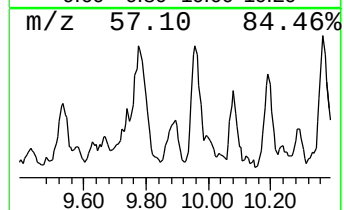
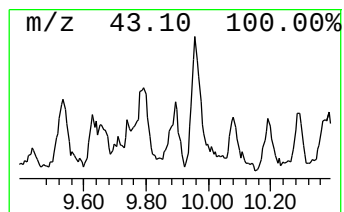
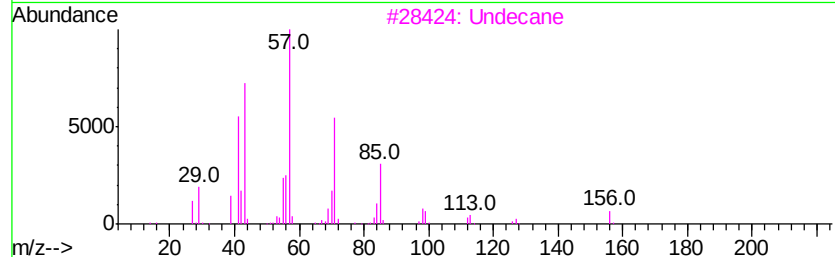
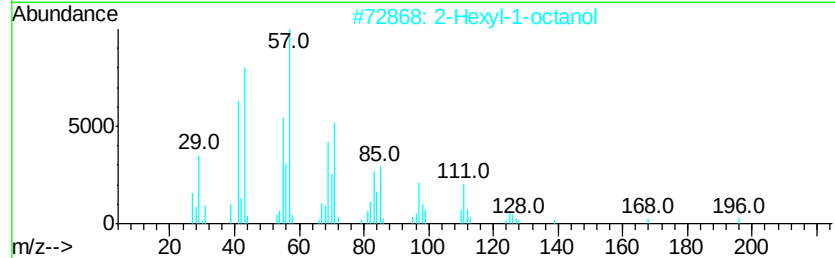
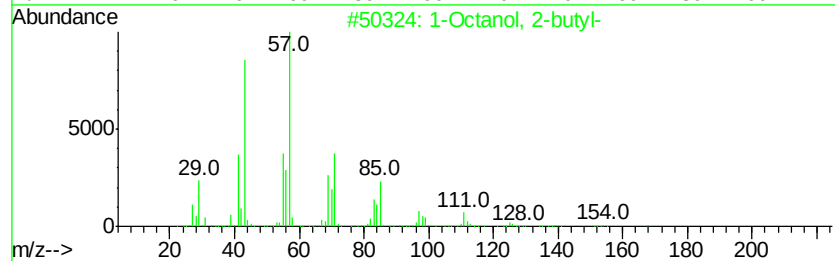
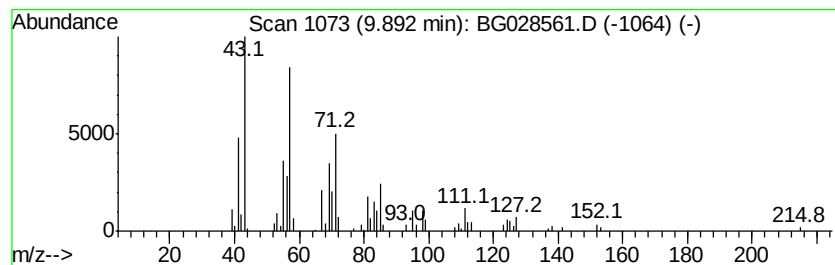
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 1-Octanol, 2-butyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	6.66 ng/ul	149122	Napthalene-d8	11.16
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Octanol, 2-butyl-	186 C12H26O	003913-02-8	58
2	2-Hexyl-1-octanol	214 C14H30O	019780-79-1	52
3	Undecane	156 C11H24	001120-21-4	50
4	1-Octanol, 2-butyl-	186 C12H26O	003913-02-8	50
5	Decane, 3-methyl-	156 C11H24	013151-34-3	47



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028561.D
Acq On : 30 Aug 2017 20:20
Operator : SJ/JU
Sample : I4917-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
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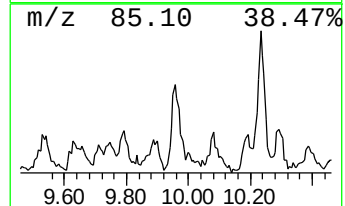
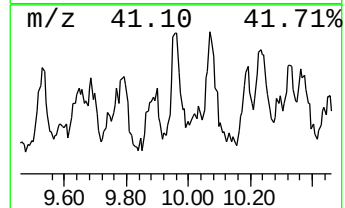
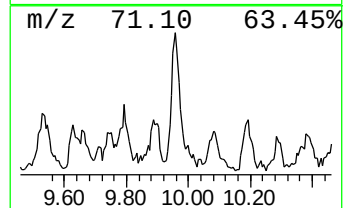
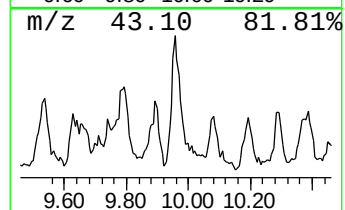
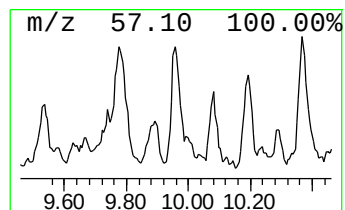
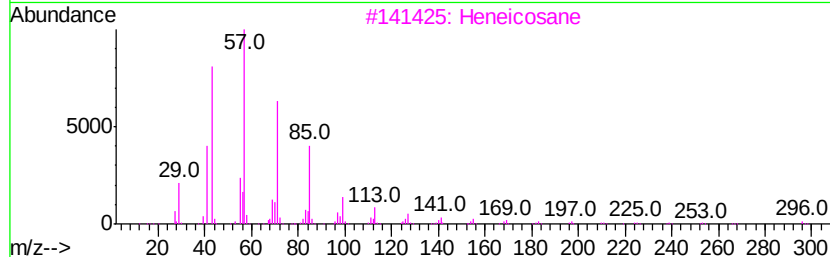
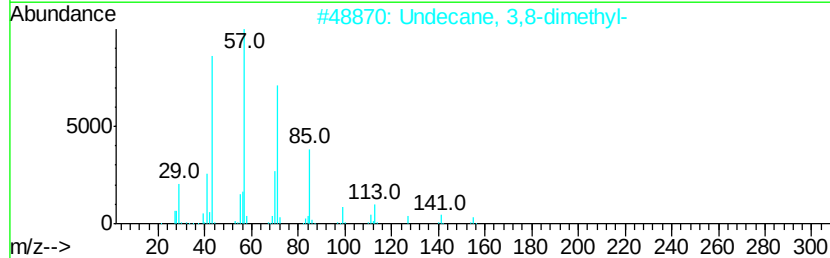
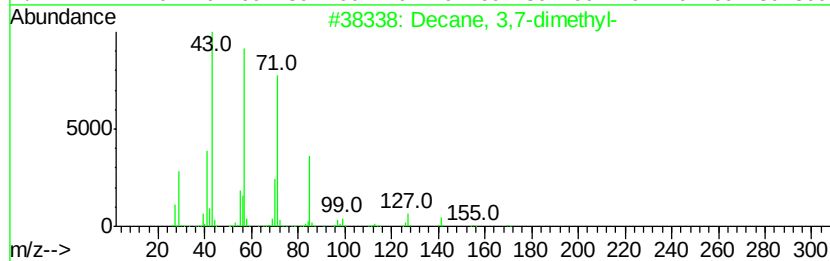
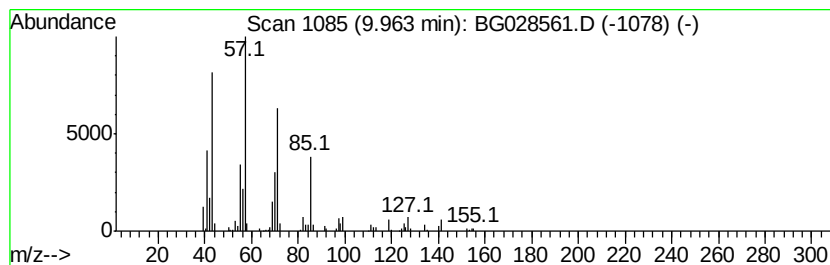
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	8.63 ng/ul	193289	Napthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	86
2		Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	86
3		Heneicosane	296	C21H44	000629-94-7	72
4		Tetracosane	338	C24H50	000646-31-1	64
5		Sulfurous acid, 2-propyl tetra...	320	C17H36O3S	1000309-12-5	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
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Acq On : 30 Aug 2017 20:20
Operator : SJ/JU
Sample : I4917-07
Misc :
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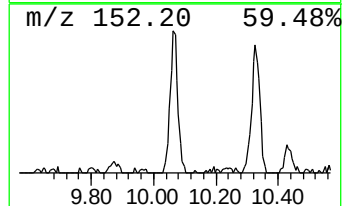
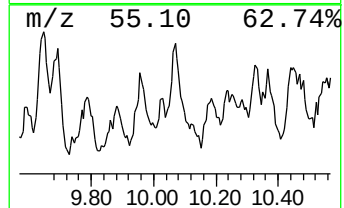
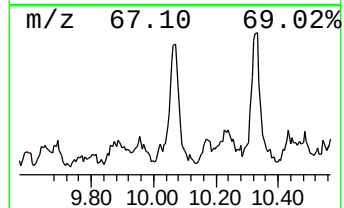
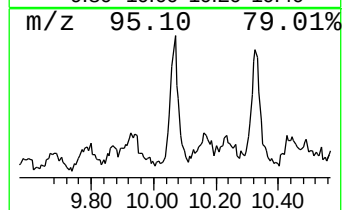
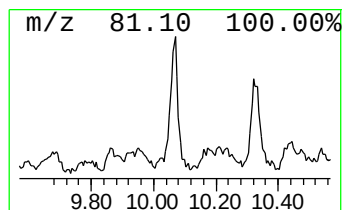
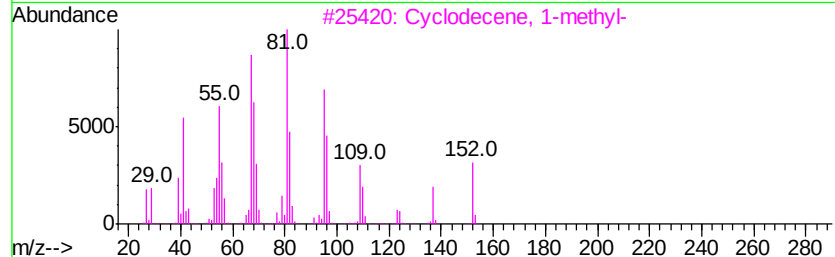
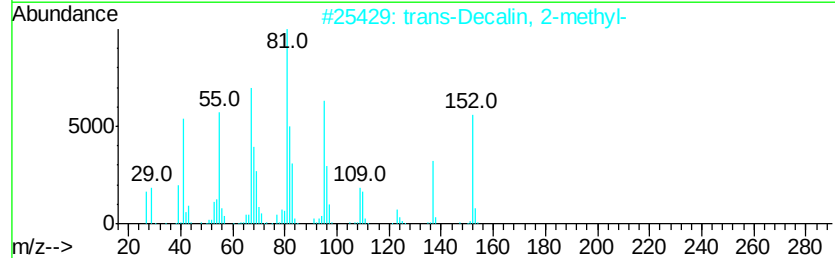
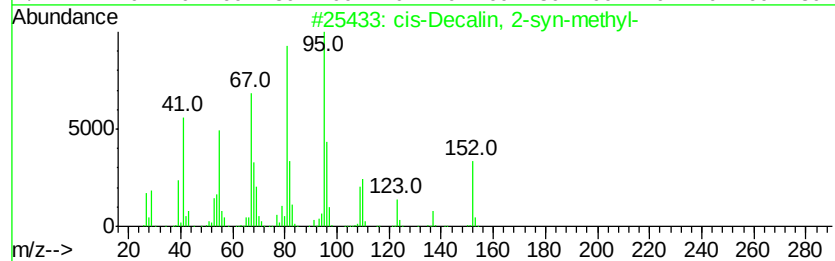
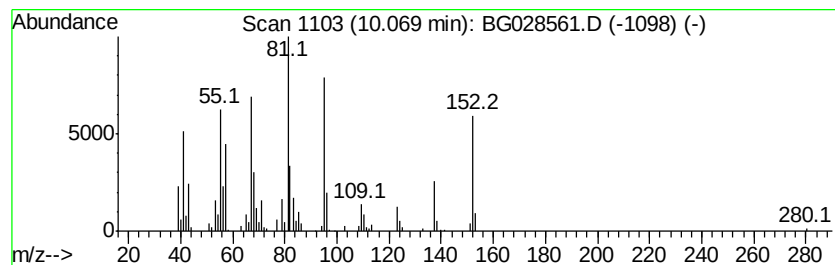
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 cis-Decalin, 2-syn-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.07	12.78 ng/ul	286207	Naphthalene-d8	11.16		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	80
2		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	72
3		Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	72
4		Pulegone	152	C10H16O	000089-82-7	64
5		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	60



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
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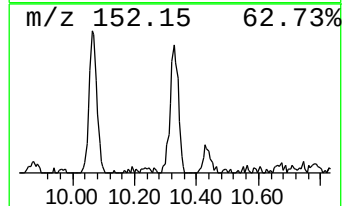
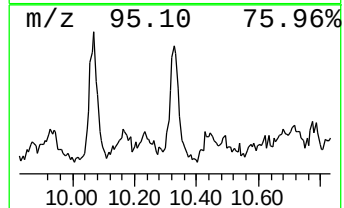
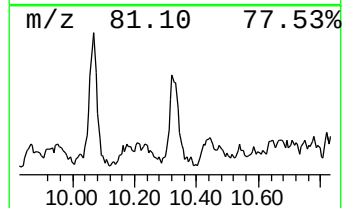
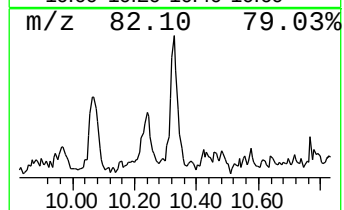
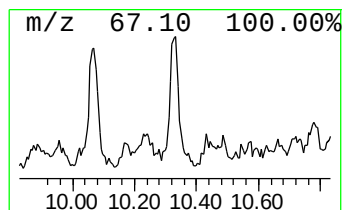
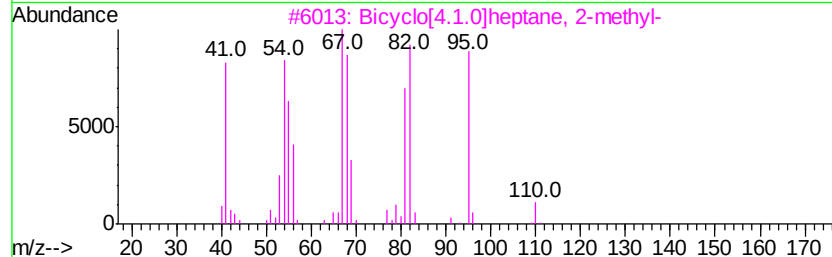
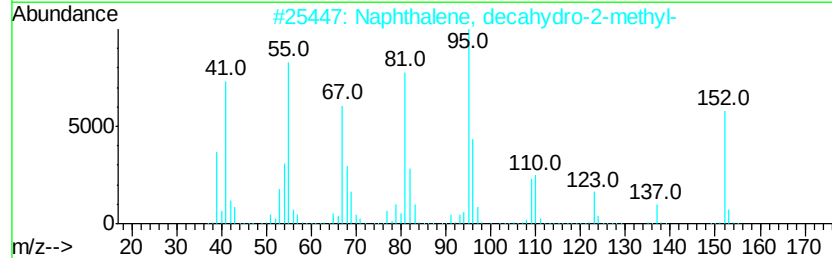
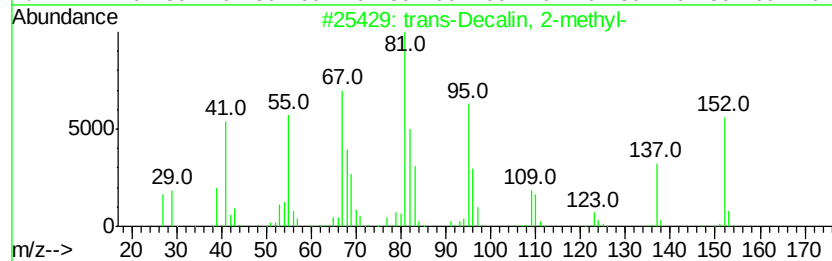
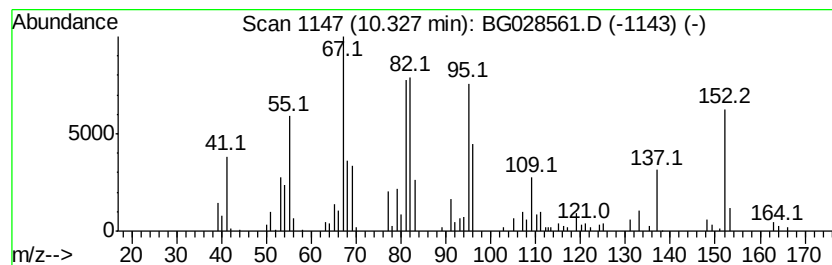
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 trans-Decalin, 2-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	8.50 ng/ul	190269	Naphthalene-d8	11.16
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	trans-Decalin, 2-methyl-	152 C11H20	1000152-47-3	64
2	Naphthalene, decahydro-2-methyl-	152 C11H20	002958-76-1	62
3	Bicyclo[4.1.0]heptane, 2-methyl-	110 C8H14	041977-46-2	58
4	trans-4a-Methyl-decahydronaphtha...	152 C11H20	002547-27-5	58
5	Furan, 2-hexyl-	152 C10H16O	003777-70-6	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028561.D
Acq On : 30 Aug 2017 20:20
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ClientSampleId :
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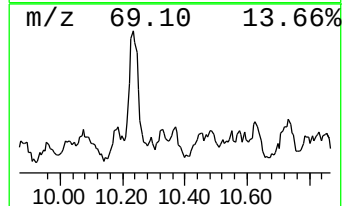
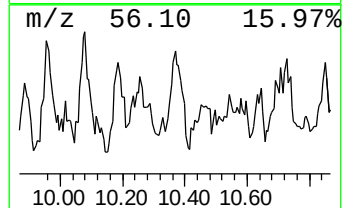
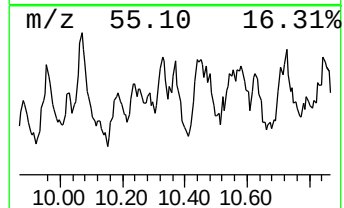
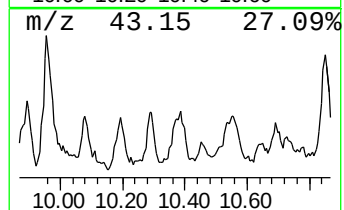
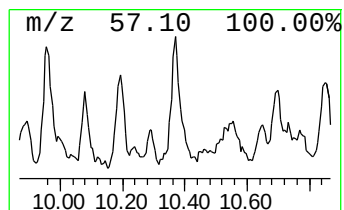
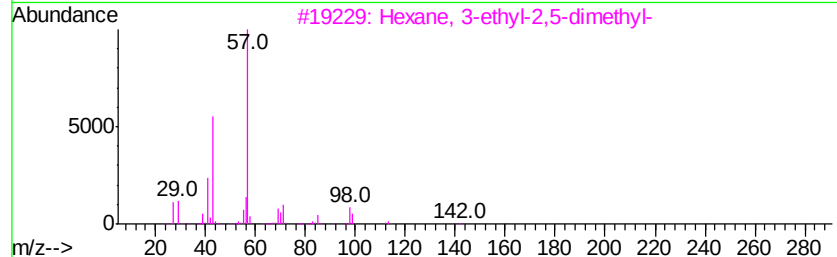
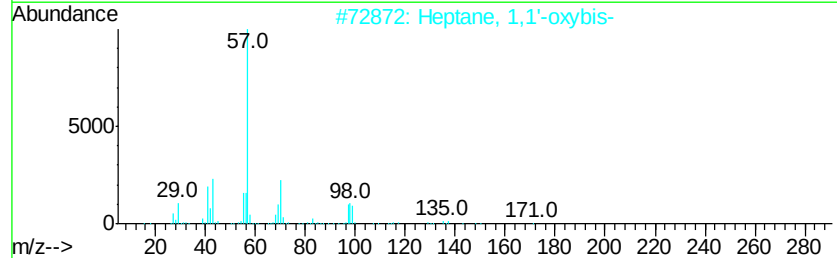
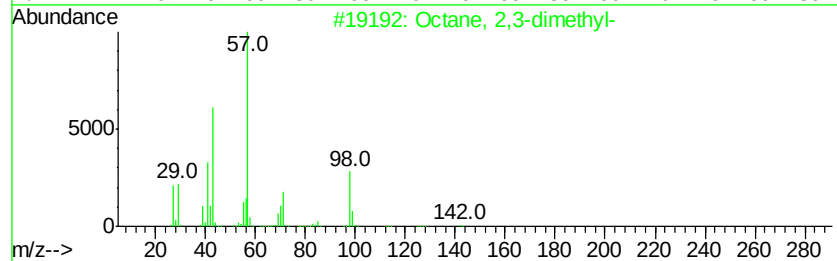
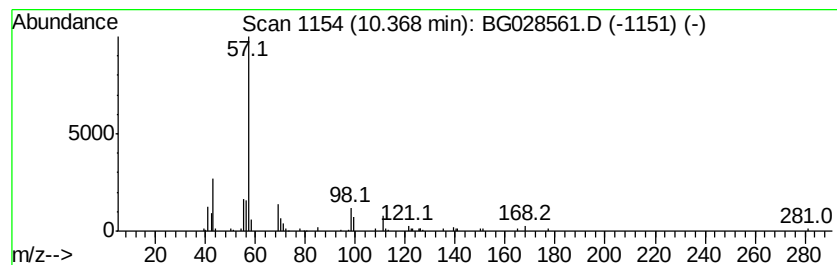
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	6.45 ng/ul	144325	Napthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	64
2		Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	64
3		Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	59
4		3-Undecene, 6-methyl-, (E)-	168	C12H24	074630-52-7	59
5		Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	59



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
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Acq On : 30 Aug 2017 20:20
Operator : SJ/JU
Sample : I4917-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

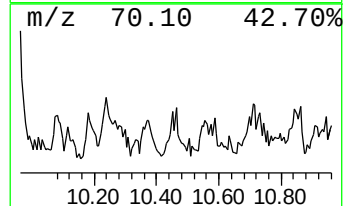
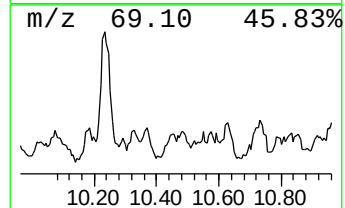
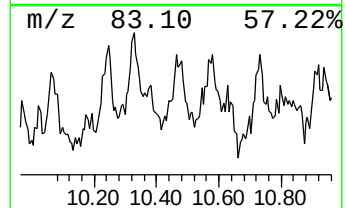
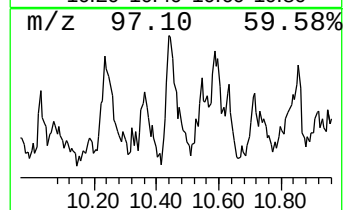
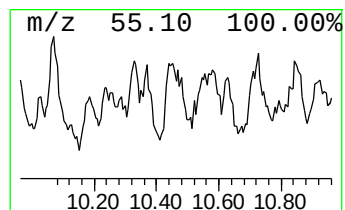
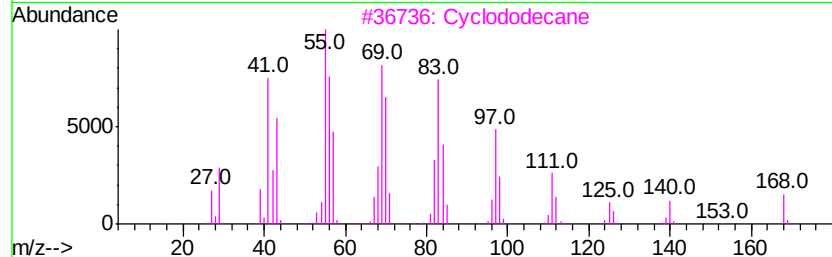
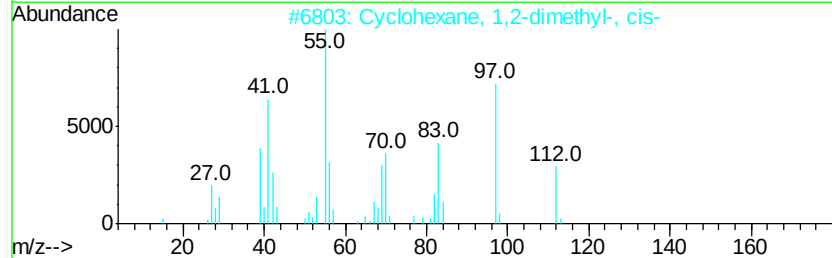
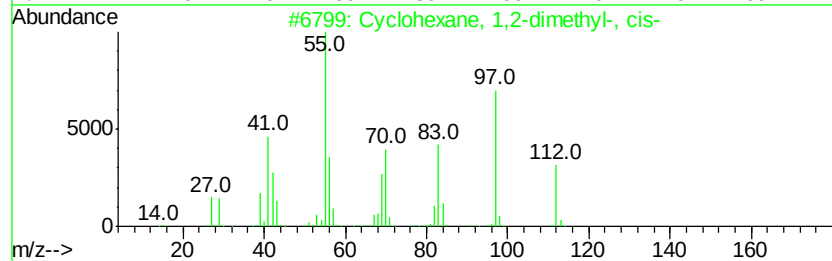
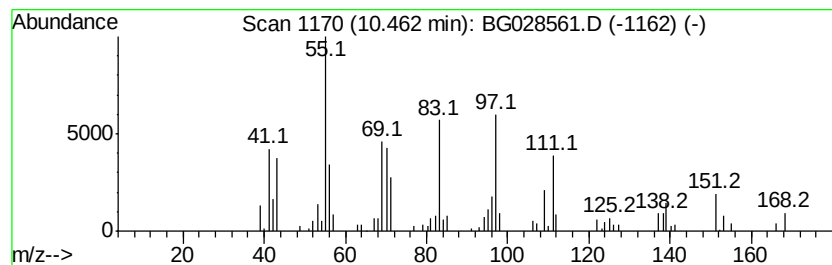
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Cyclic10.46 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.46	6.09 ng/ul	136280	Napthalene-d8	11.16	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	43
2	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	38
3	Cyclododecane	168	C12H24	000294-62-2	38
4	Cyclopentane, (1-methylbutyl)-	140	C10H20	004737-43-3	35
5	1,2-Cyclooctanedione	140	C8H12O2	003008-37-5	25



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
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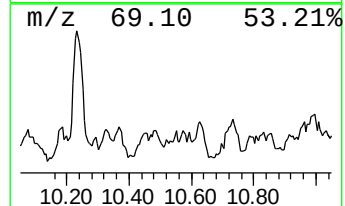
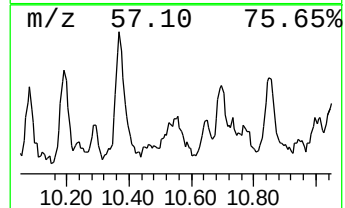
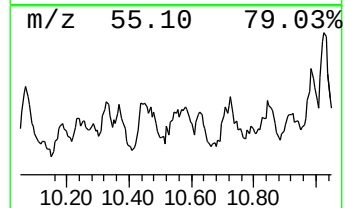
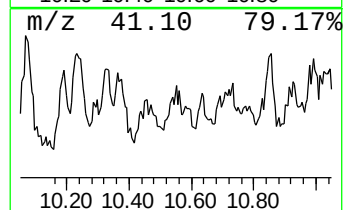
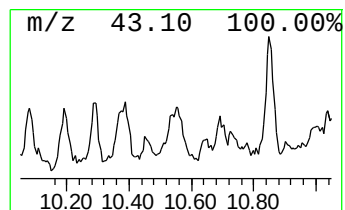
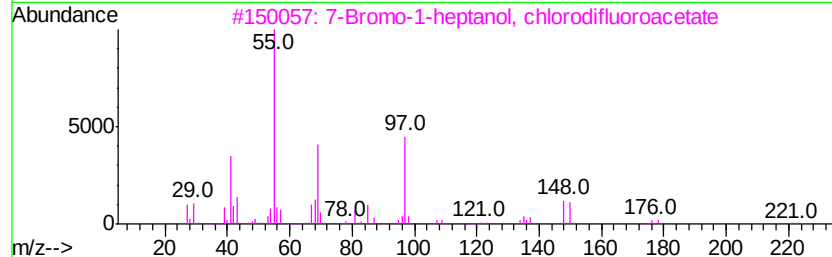
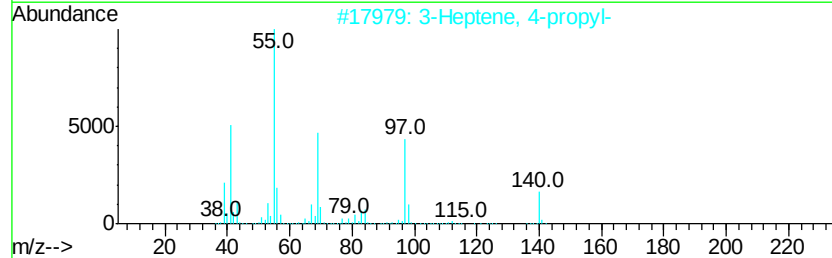
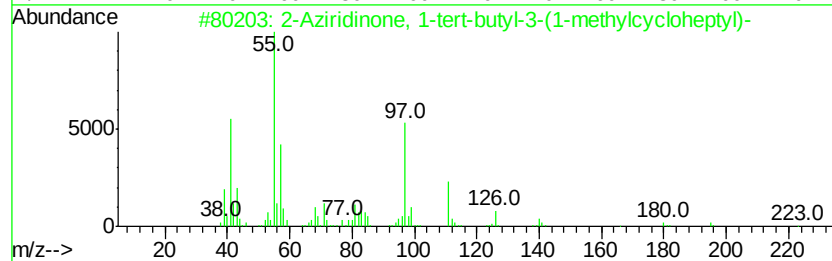
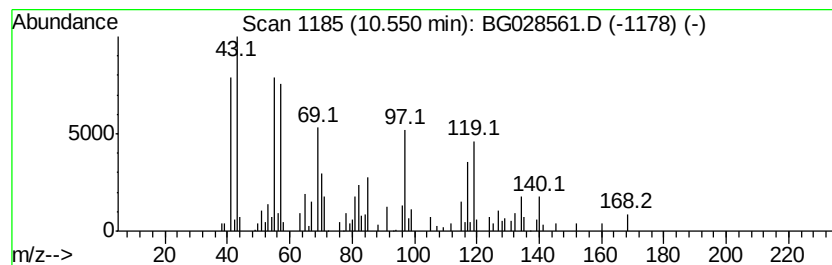
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 unknown-02 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	7.08 ng/ul	158466	Napthalene-d8	11.16
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Aziridinone, 1-tert-butyl-3-(1...	223 C14H25NO	026944-18-3	22
2	3-Heptene, 4-propyl-	140 C10H20	004485-13-6	18
3	7-Bromo-1-heptanol, chlorodifluo...	306 C9H14BrClF2O2	1000376-26-3	14
4	2-Aziridinone, 1-tert-butyl-3-(1...	209 C13H23NO	024161-49-7	14
5	2-Acetyl-5-methyl-2,3-dihydro-4H...	140 C8H12O2	1000288-90-9	14



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
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Operator : SJ/JU
Sample : I4917-07
Misc :
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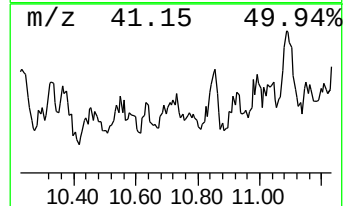
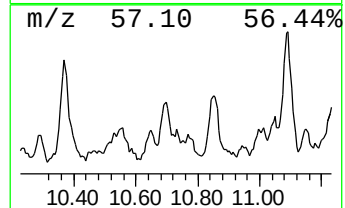
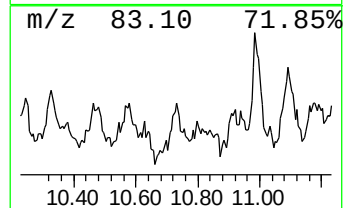
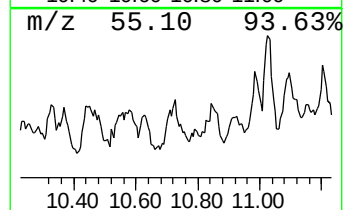
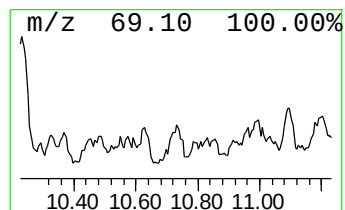
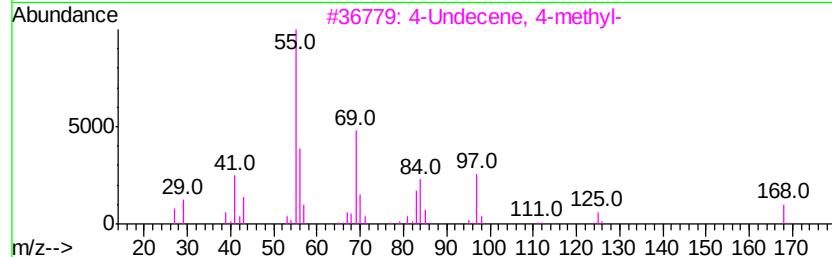
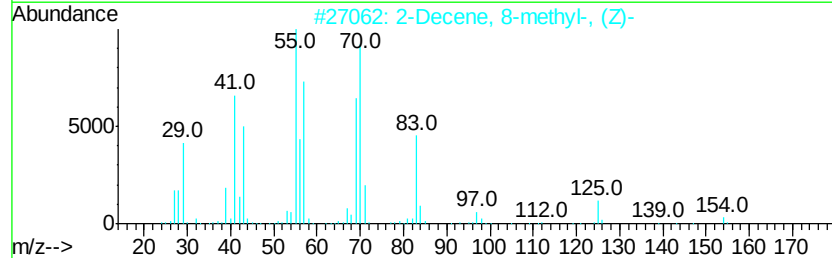
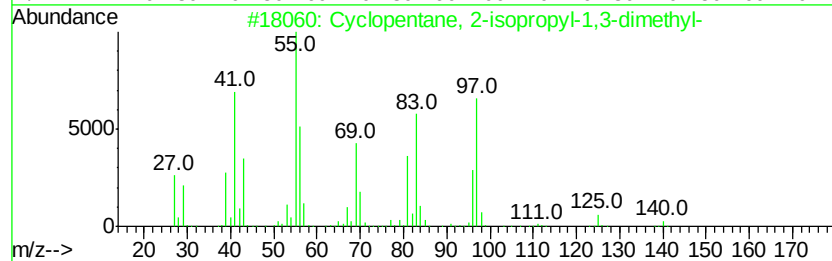
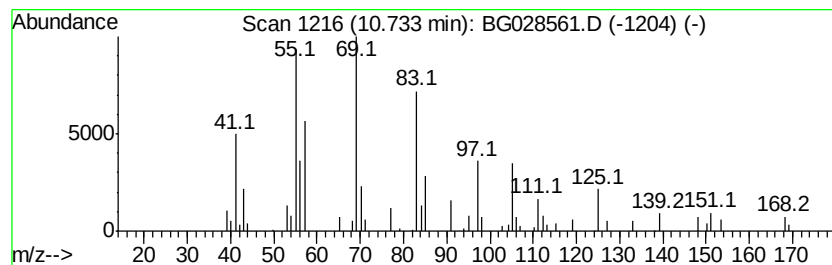
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 (DEL) Alkane: Cyclic10.73 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.73	6.56 ng/ul	146786	Naphthalene-d8	11.16	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 2-isopropyl-1,3-di...	140	C10H20	032281-85-9	49
2	2-Decene, 8-methyl-, (Z)-	154	C11H22	074630-25-4	47
3	4-Undecene, 4-methyl-	168	C12H24	061142-40-3	43
4	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	38
5	Cyclopentane, 1-methyl-2-(4-meth...	168	C12H24	066553-50-2	38



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028561.D
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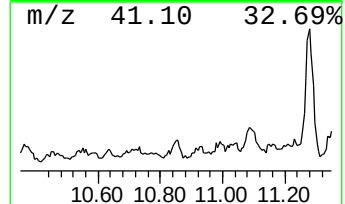
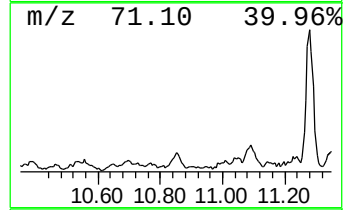
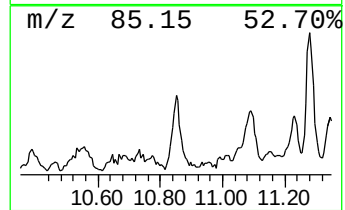
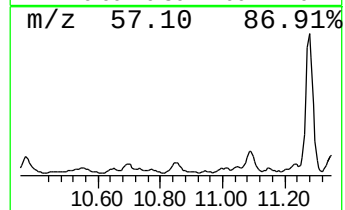
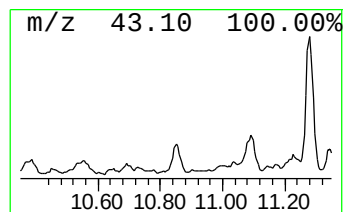
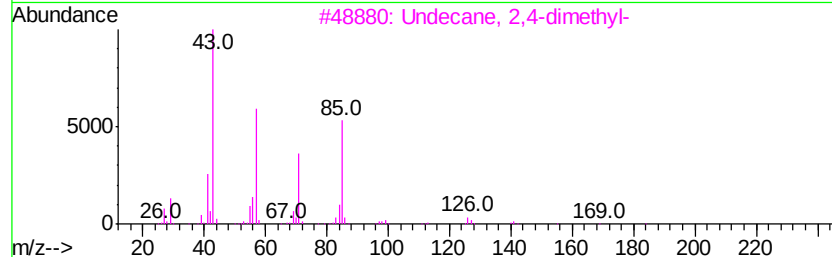
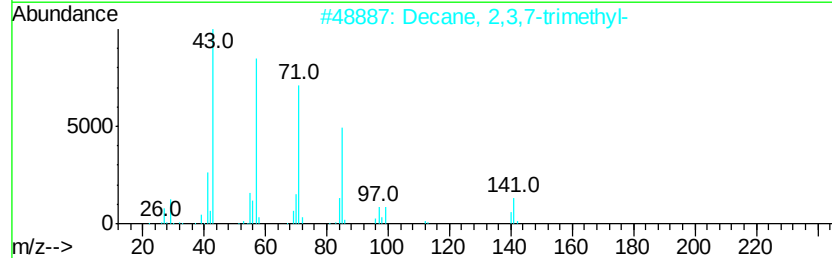
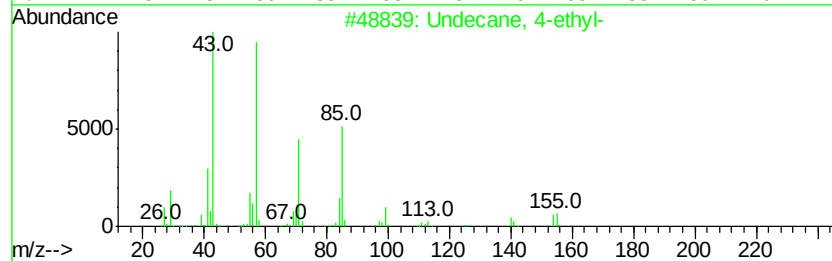
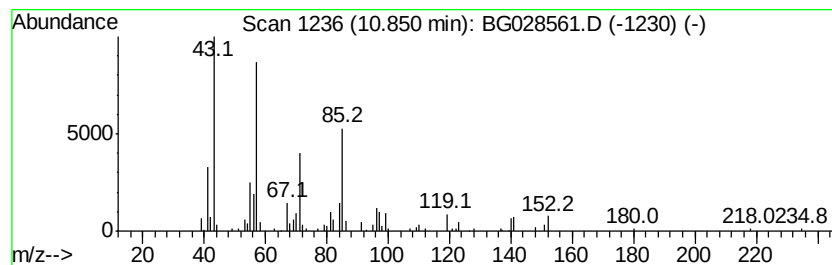
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	7.18 ng/ul	160796	Napthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 4-ethyl-	184	C13H28	017312-59-3	64
2		Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	53
3		Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	53
4		Tetratetracontane	619	C44H90	007098-22-8	50
5		Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	50



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
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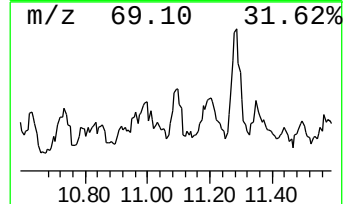
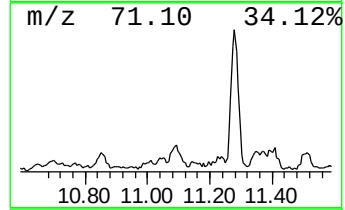
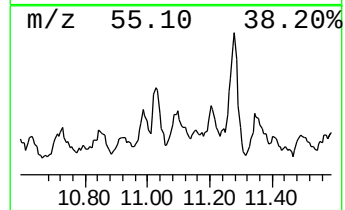
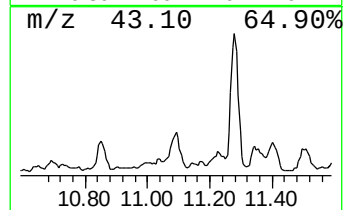
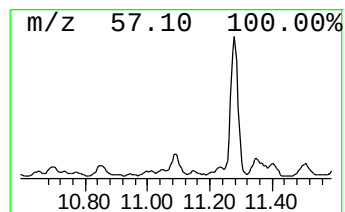
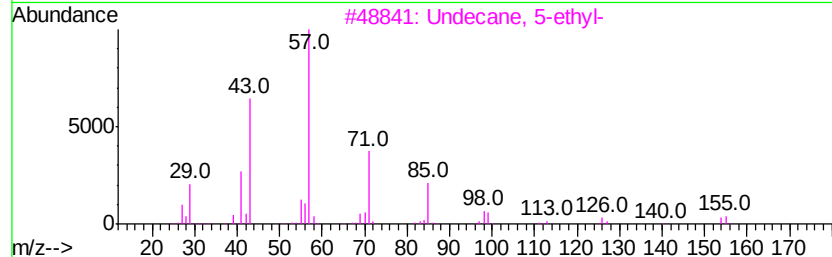
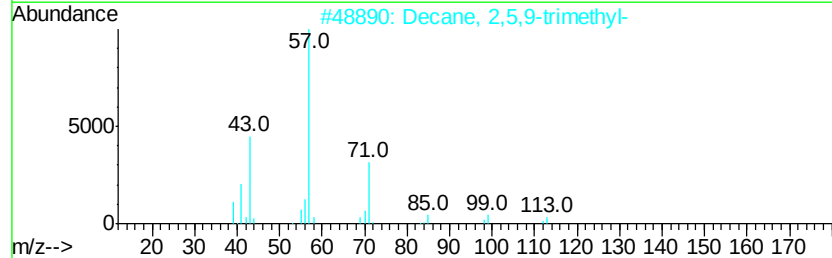
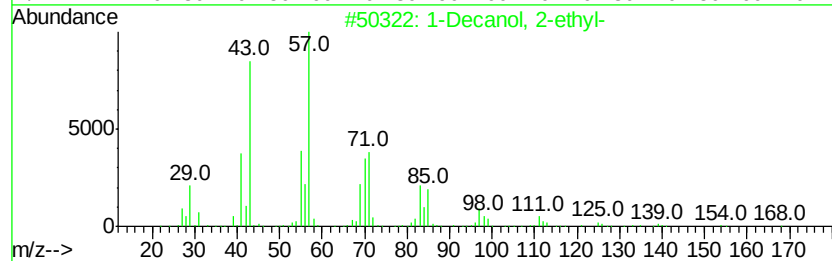
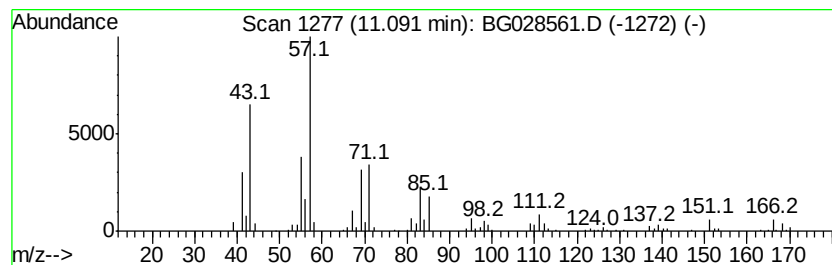
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 1-Decanol, 2-ethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	8.70 ng/ul	194705	Naphthalene-d8	11.16
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Decanol, 2-ethyl-	186 C12H26O	021078-65-9 59
2		Decane, 2,5,9-trimethyl-	184 C13H28	062108-22-9 38
3		Undecane, 5-ethyl-	184 C13H28	017453-94-0 38
4		Hexadecane	226 C16H34	000544-76-3 38
5		2-Piperidinone, N-[4-bromo-n-but...	233 C9H16BrNO	195194-80-0 35



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028561.D
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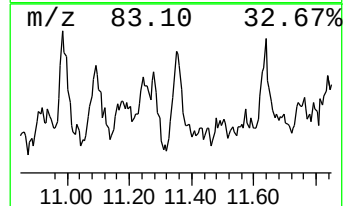
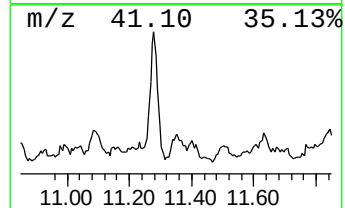
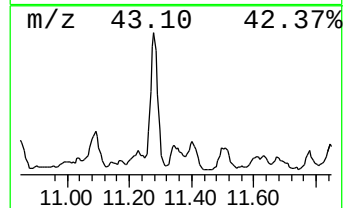
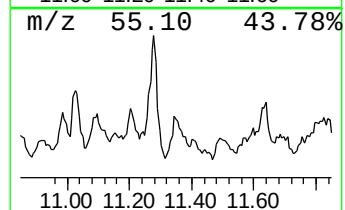
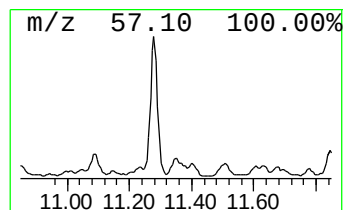
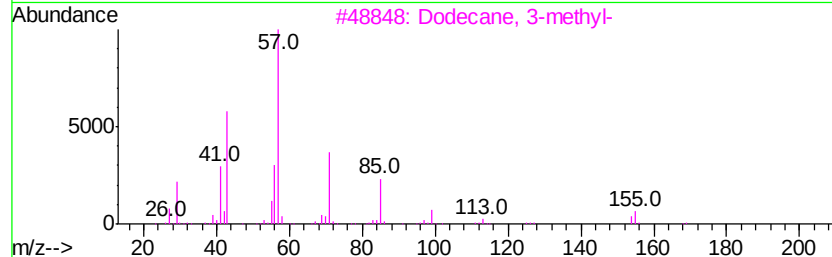
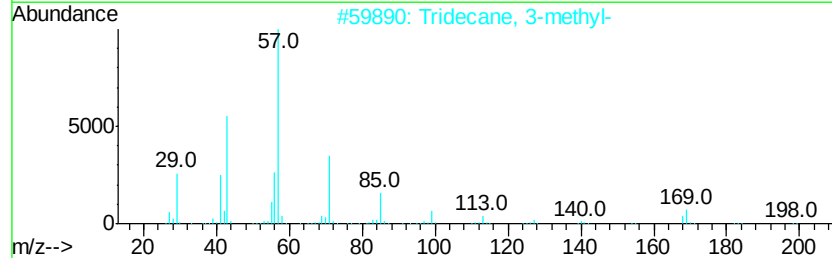
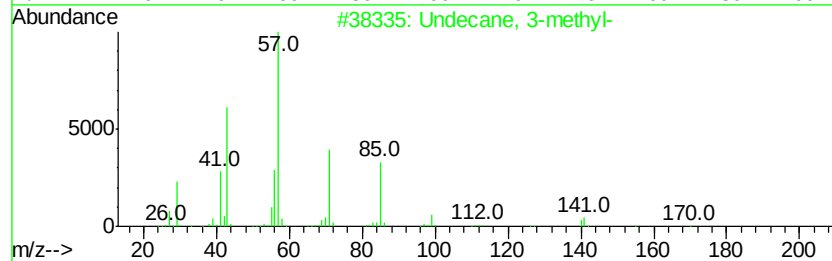
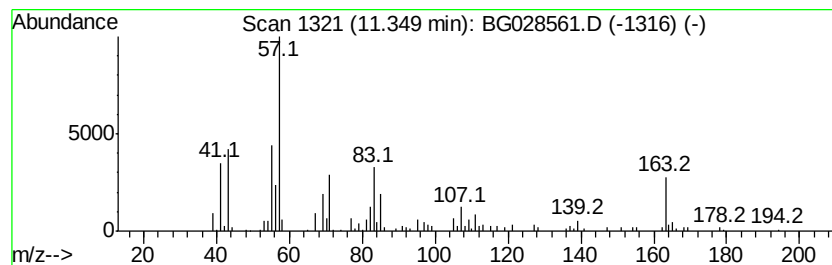
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	11.07 ng/ul	247820	Napthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3-methyl-	170	C12H26	001002-43-3	38
2		Tridecane, 3-methyl-	198	C14H30	006418-41-3	38
3		Dodecane, 3-methyl-	184	C13H28	017312-57-1	38
4		Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	35
5		1-Decanol, 2-ethyl-	186	C12H26O	021078-65-9	32



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028561.D
Acq On : 30 Aug 2017 20:20
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Sample : I4917-07
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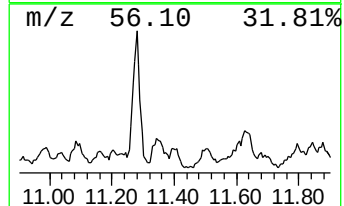
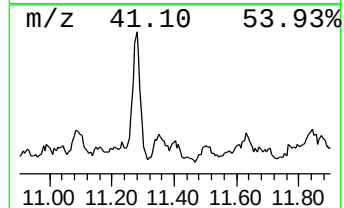
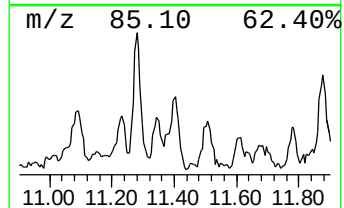
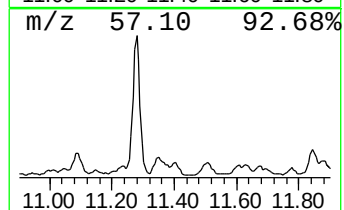
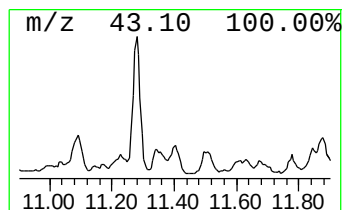
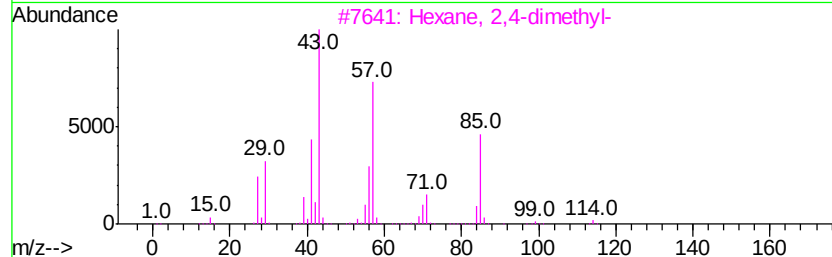
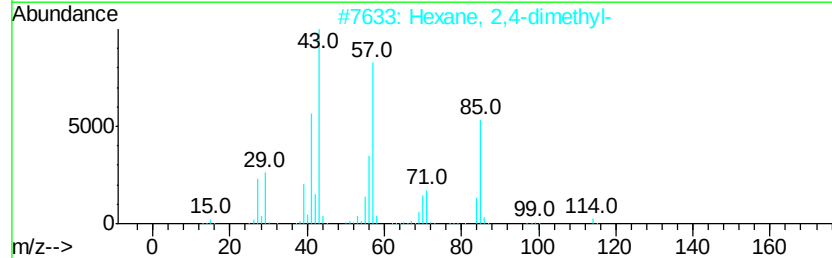
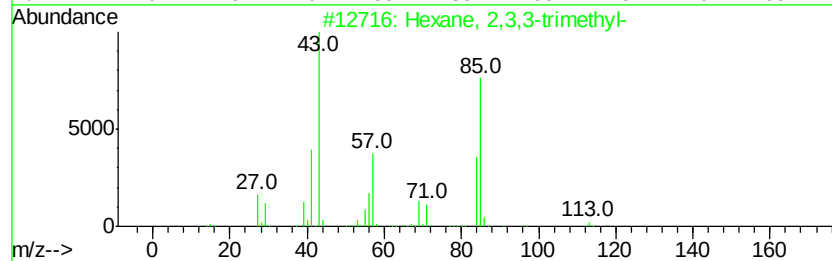
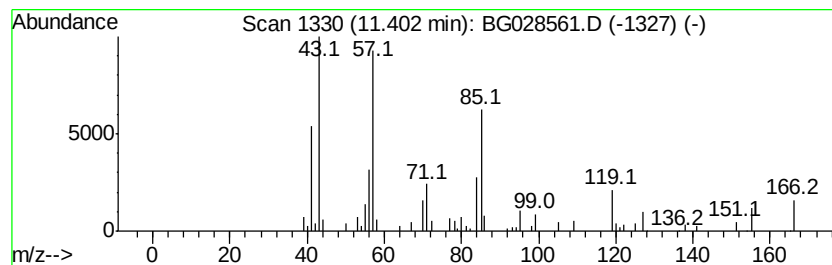
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	5.19 ng/ul	116148	Napthalene-d8	11.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3,3-trimethyl-			128	C9H20	016747-28-7	47
2	Hexane, 2,4-dimethyl-			114	C8H18	000589-43-5	47
3	Hexane, 2,4-dimethyl-			114	C8H18	000589-43-5	47
4	Hexane, 2,4-dimethyl-			114	C8H18	000589-43-5	47
5	Hexane, 2,4-dimethyl-			114	C8H18	000589-43-5	47



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028561.D
Acq On : 30 Aug 2017 20:20
Operator : SJ/JU
Sample : I4917-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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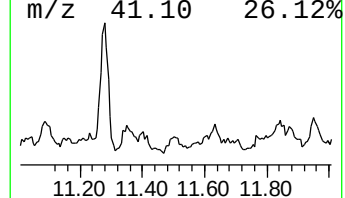
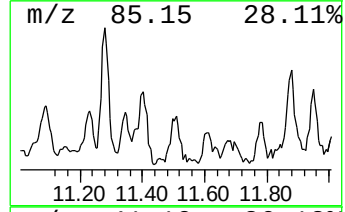
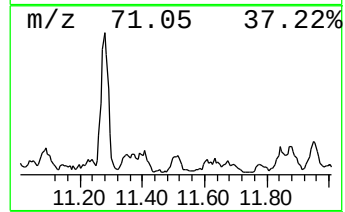
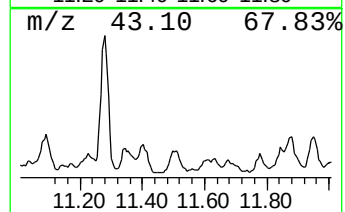
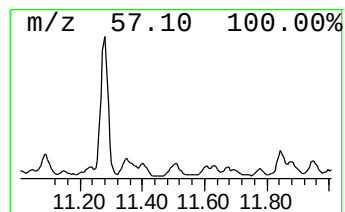
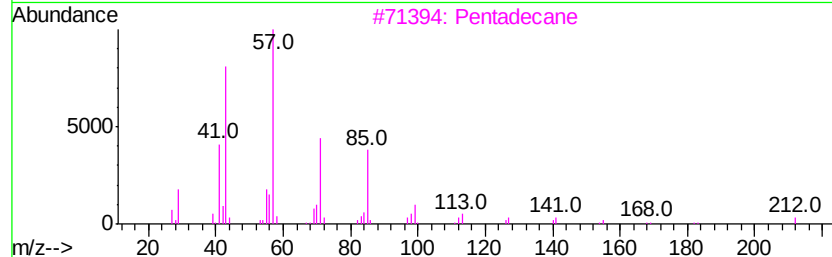
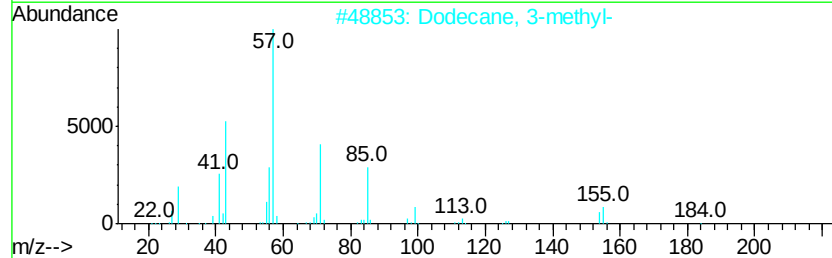
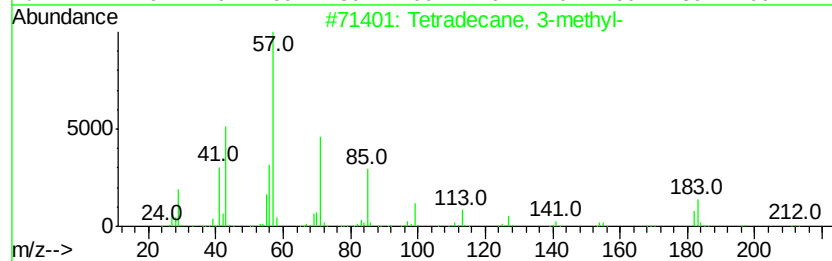
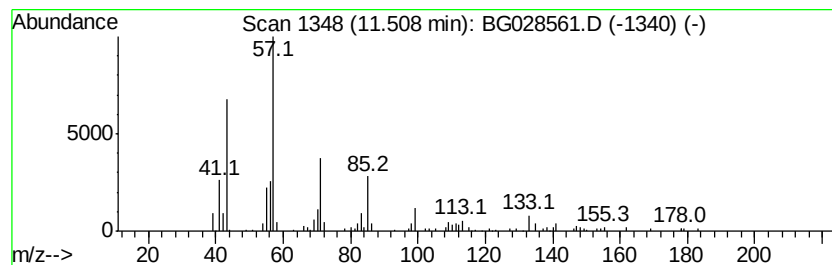
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.51	7.56 ng/ul	169281	Napthalene-d8	11.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 3-methyl-	212	C15H32	018435-22-8	72
2			Dodecane, 3-methyl-	184	C13H28	017312-57-1	64
3			Pentadecane	212	C15H32	000629-62-9	59
4			Pentadecane, 6-methyl-	226	C16H34	010105-38-1	59
5			Dodecane	170	C12H26	000112-40-3	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
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Sample : I4917-07
Misc :
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Instrument :
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ClientSampleId :
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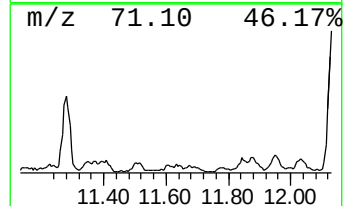
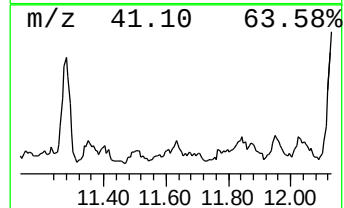
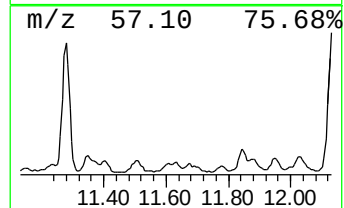
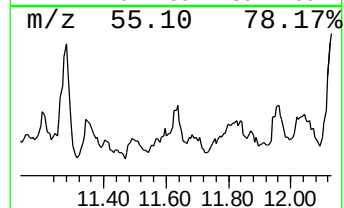
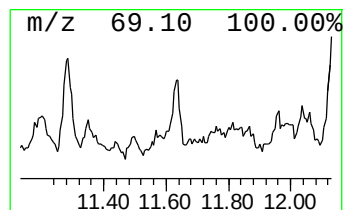
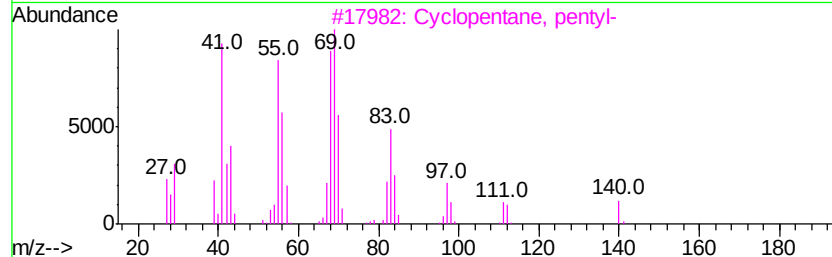
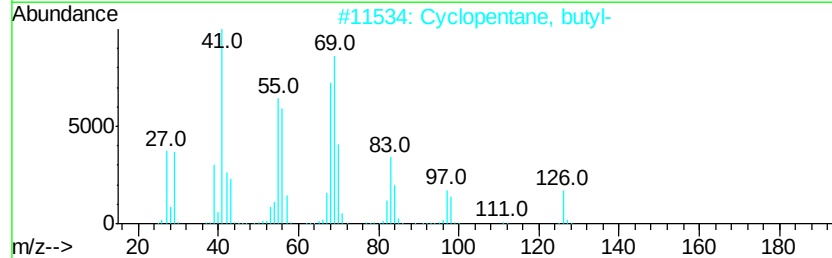
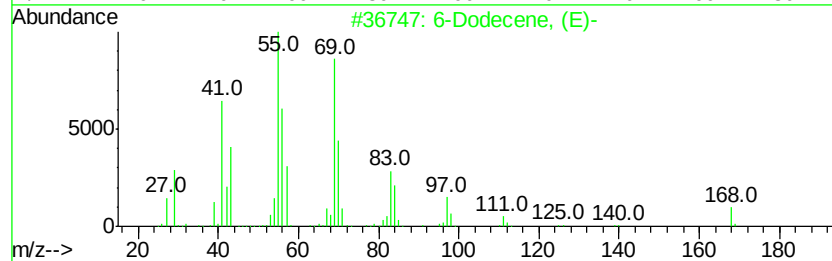
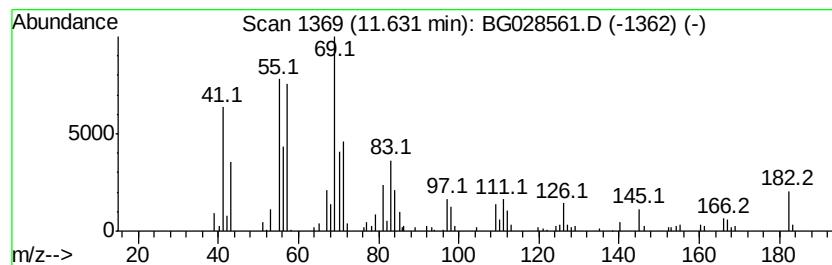
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 (DEL) Alkane: Cyclic11.63 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	6.83 ng/ul	152928	Naphthalene-d8	11.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			6-Dodecene, (E)-	168	C12H24	007206-17-9	64
2			Cyclopentane, butyl-	126	C9H18	002040-95-1	58
3			Cyclopentane, pentyl-	140	C10H20	003741-00-2	58
4			Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	50
5			2-Tridecene, (Z)-	182	C13H26	041446-59-7	49



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028561.D
Acq On : 30 Aug 2017 20:20
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Sample : I4917-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

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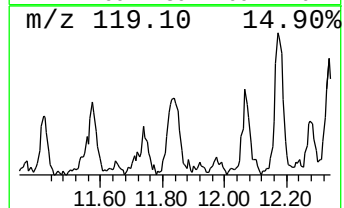
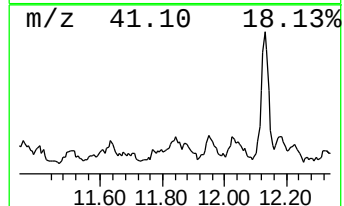
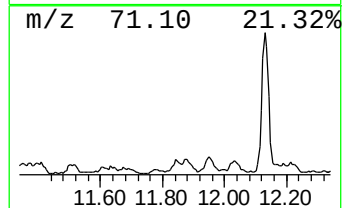
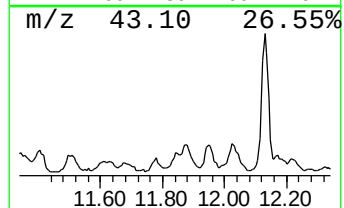
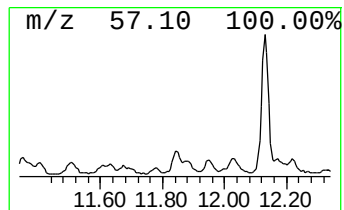
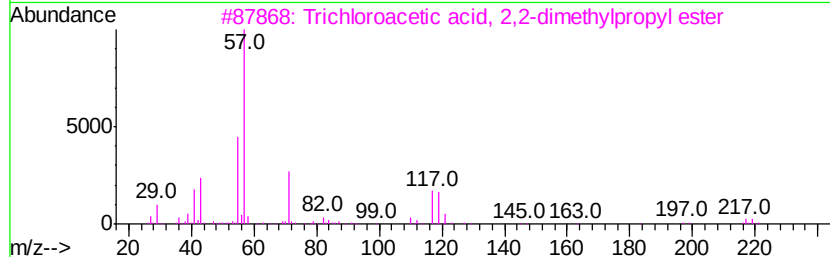
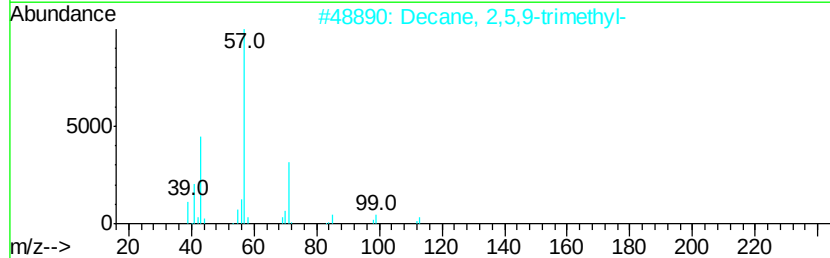
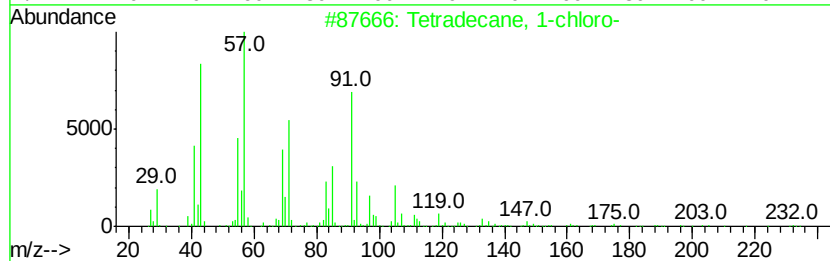
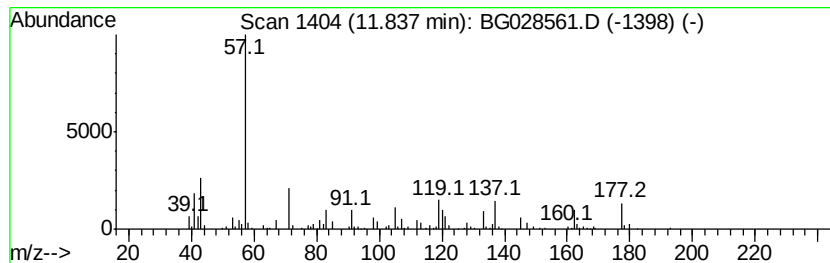
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 unknown-03 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	16.90 ng/ul	378473	Napthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	17
2		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	16
3		Trichloroacetic acid, 2,2-dimeth...	232	C7H11Cl3O2	057392-56-0	16
4		Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	12
5		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	10



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028561.D
Acq On : 30 Aug 2017 20:20
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Sample : I4917-07
Misc :
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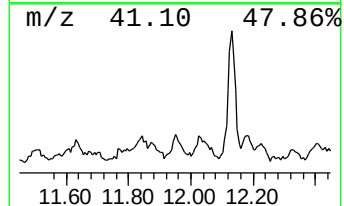
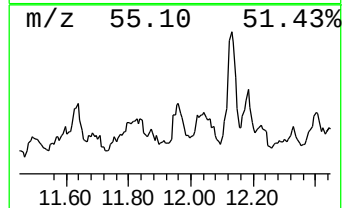
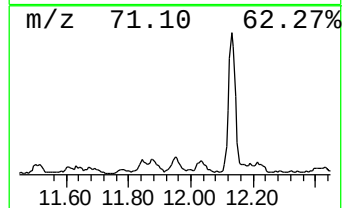
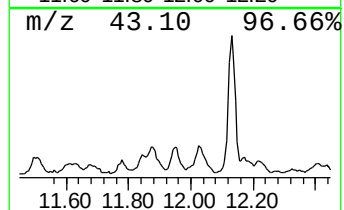
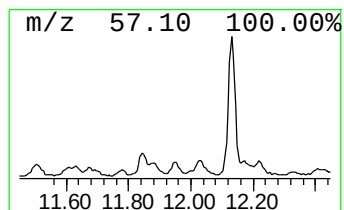
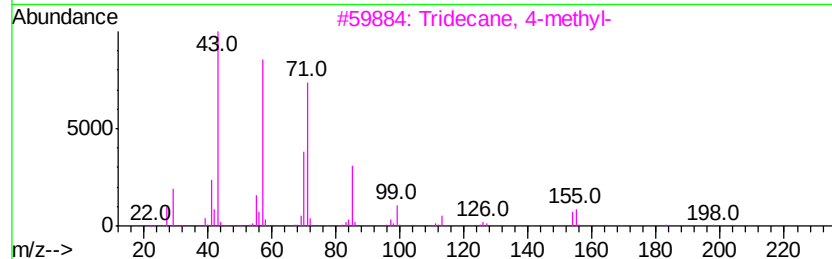
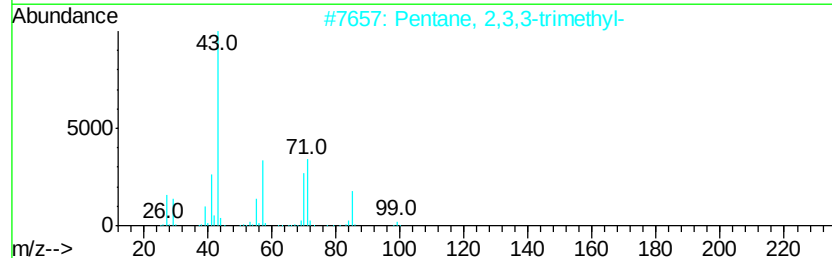
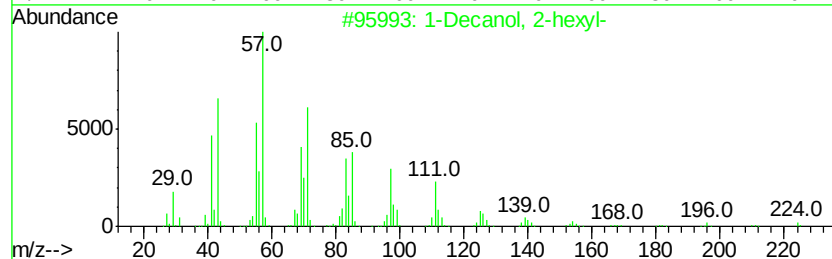
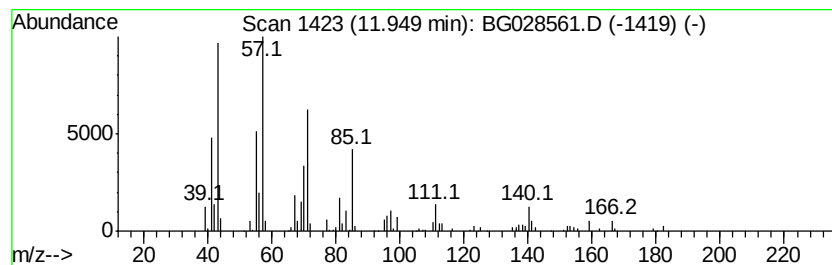
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 unknown-04 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	9.18 ng/ul	205479	Naphthalene-d8	11.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	47
2			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	38
3			Tridecane, 4-methyl-	198	C14H30	026730-12-1	35
4			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	27
5			Tetradecane	198	C14H30	000629-59-4	27



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028561.D
Acq On : 30 Aug 2017 20:20
Operator : SJ/JU
Sample : I4917-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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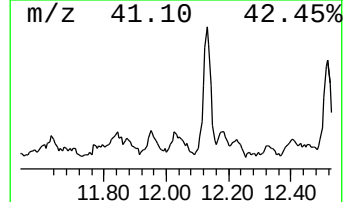
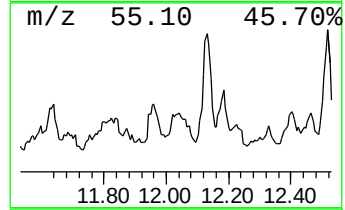
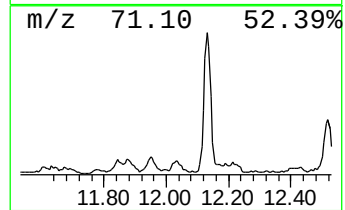
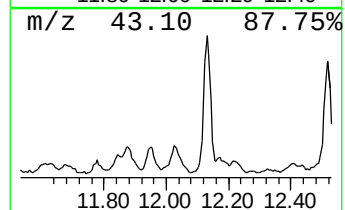
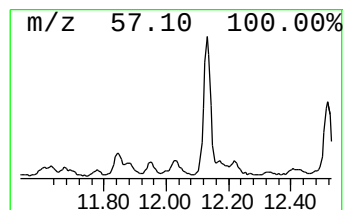
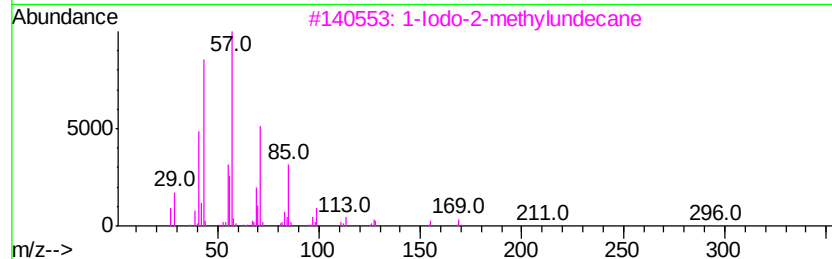
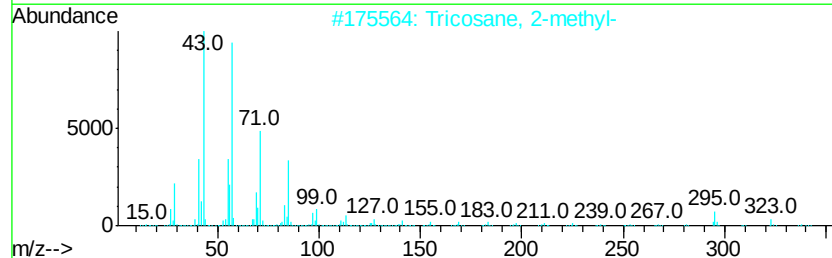
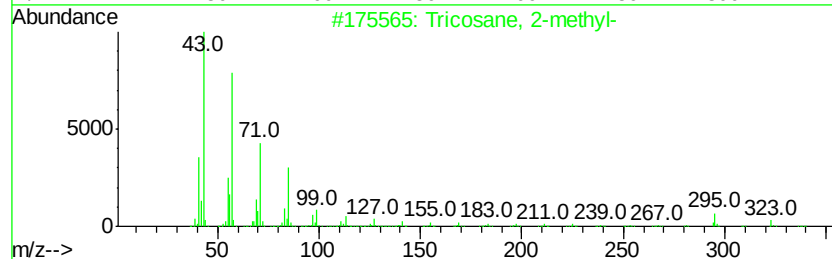
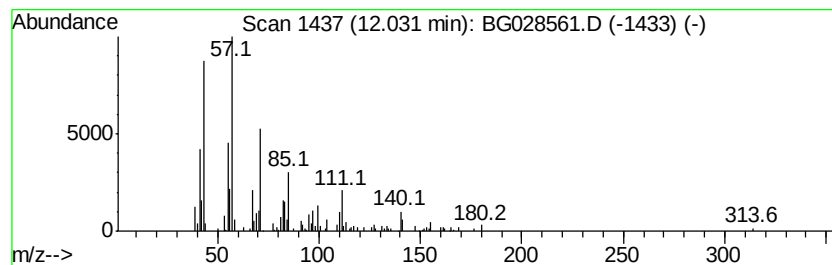
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	11.74 ng/ul	262950	Napthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosane, 2-methyl-	338	C24H50	001928-30-9	52
2		Tricosane, 2-methyl-	338	C24H50	001928-30-9	52
3		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	52
4		Octadecane, 2-methyl-	268	C19H40	001560-88-9	49
5		Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	49



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028561.D
Acq On : 30 Aug 2017 20:20
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Misc :
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Instrument :
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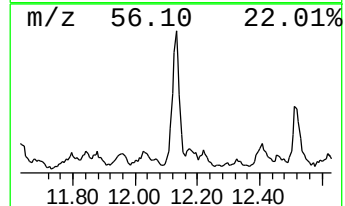
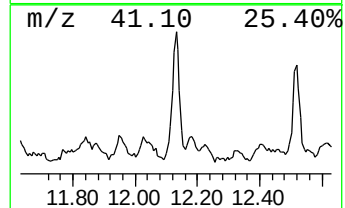
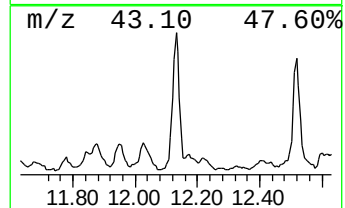
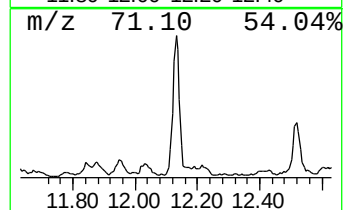
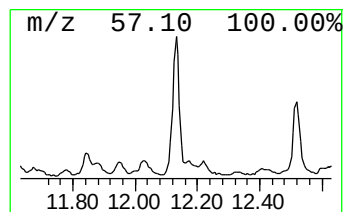
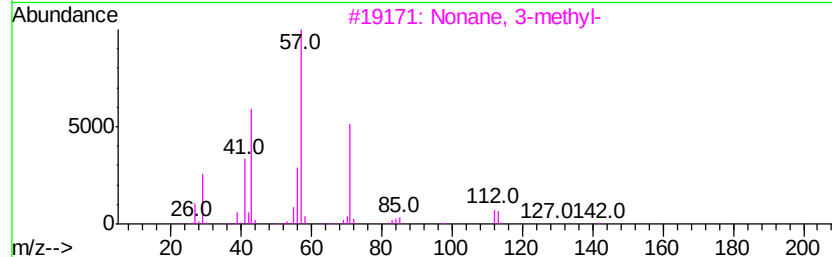
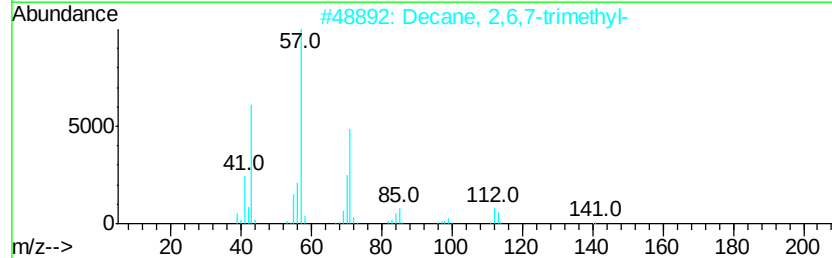
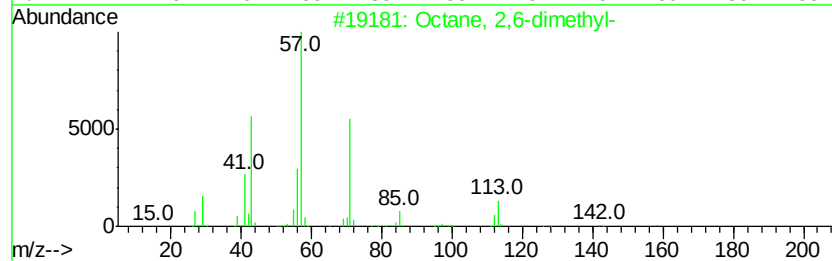
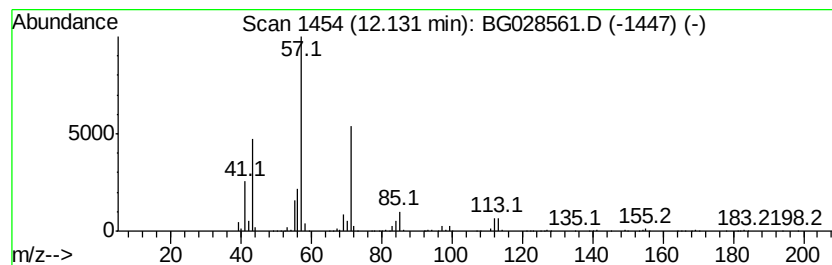
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	45.45 ng/ul	1017760	Napthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
2		Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	78
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	72
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028561.D
Acq On : 30 Aug 2017 20:20
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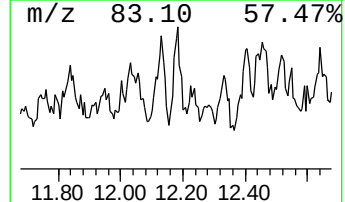
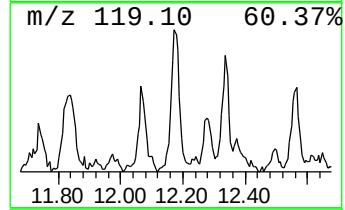
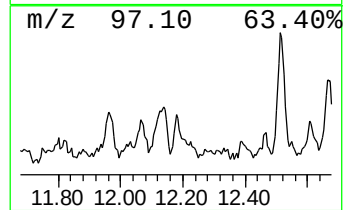
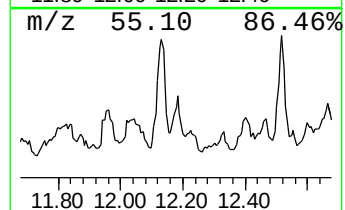
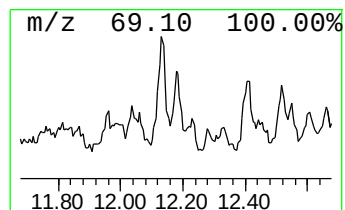
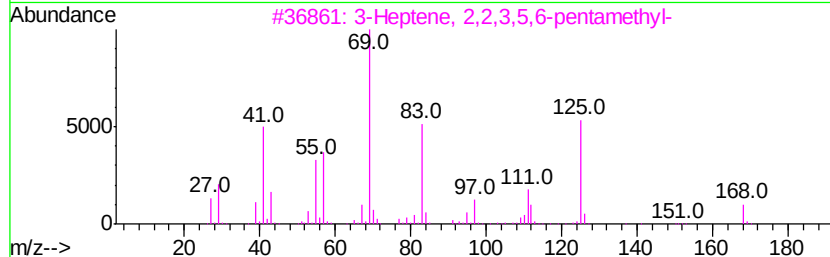
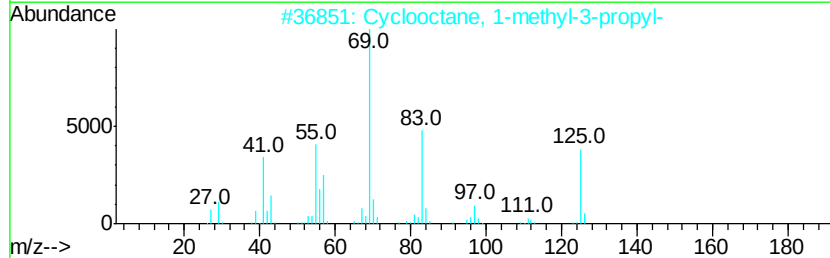
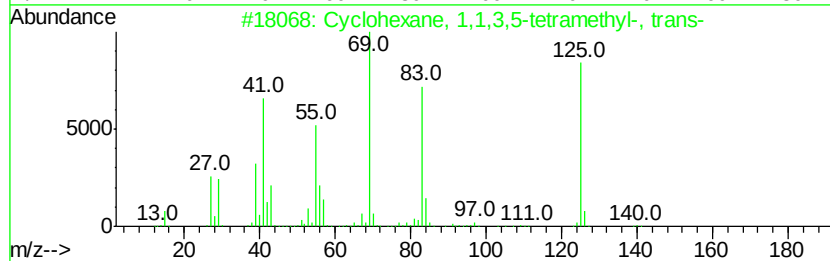
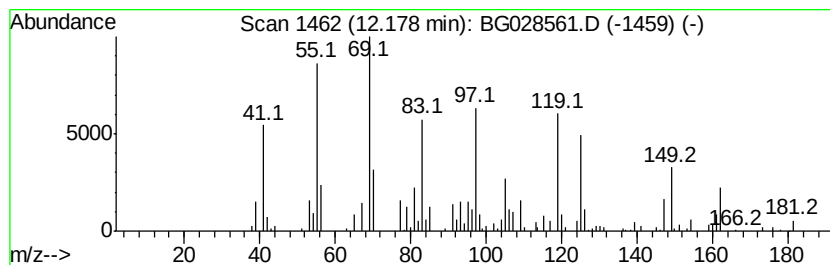
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 (DEL) Alkane: Cyclic12.18 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	12.85 ng/ul	287672	Napthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	43
2		Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	43
3		3-Heptene, 2,2,3,5,6-pentamethyl-	168	C12H24	116164-06-8	37
4		Cyclohexane, 1,1'-propylidenebis-	208	C15H28	054934-91-7	37
5		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	35



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028561.D
Acq On : 30 Aug 2017 20:20
Operator : SJ/JU
Sample : I4917-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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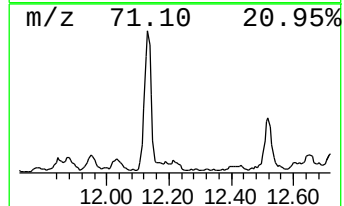
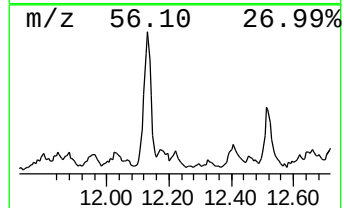
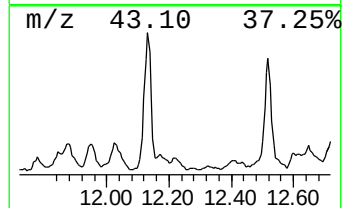
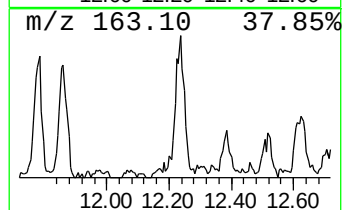
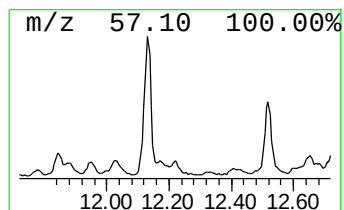
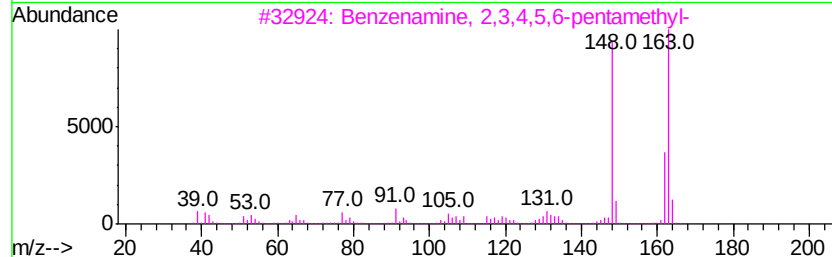
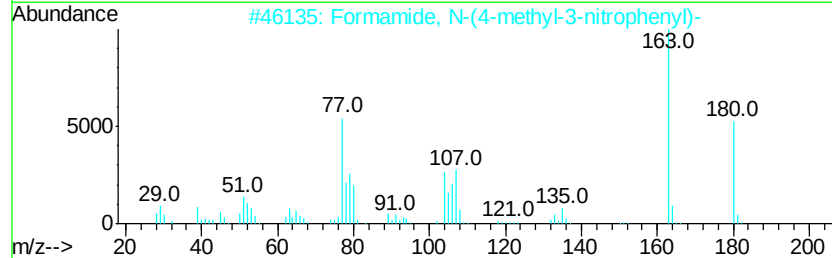
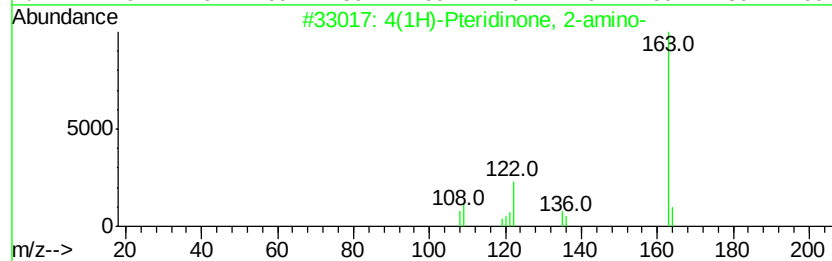
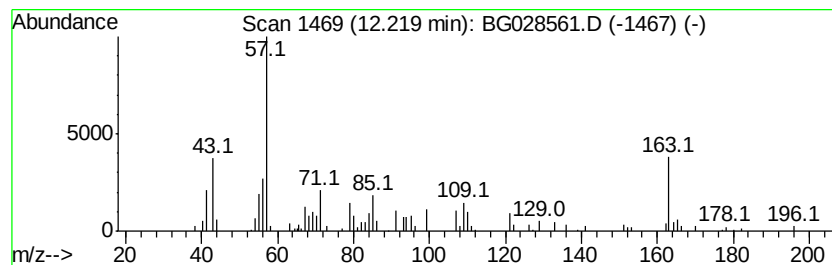
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 unknown-05 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	8.93 ng/ul	199971	Naphthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4(1H)-Pteridinone, 2-amino-	163	C6H5N5O	002236-60-4	47
2		Formamide, N-(4-methyl-3-nitroph...	180	C8H8N2O3	1000319-41-8	35
3		Benzenamine, 2,3,4,5,6-pentamethyl-	163	C11H17N	002243-30-3	27
4		Benzonitrile, 2-amino-5-nitro-	163	C7H5N3O2	017420-30-3	27
5		N-Acetyl-L-tyrosinamide	222	C11H14N2O3	001948-71-6	25



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
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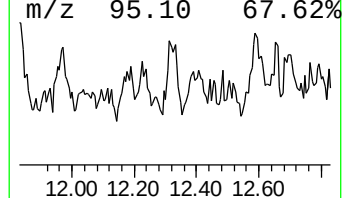
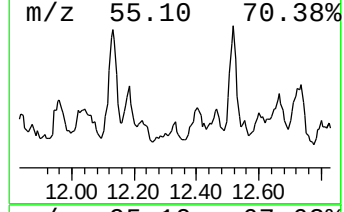
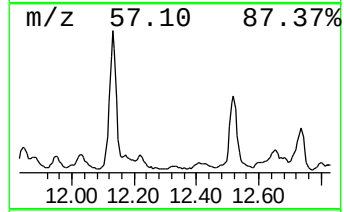
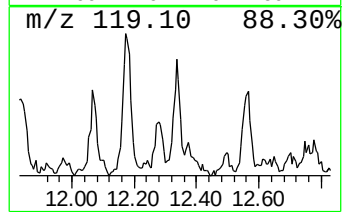
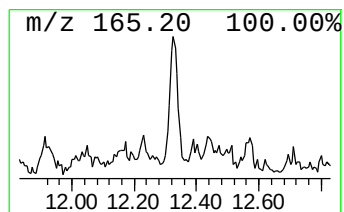
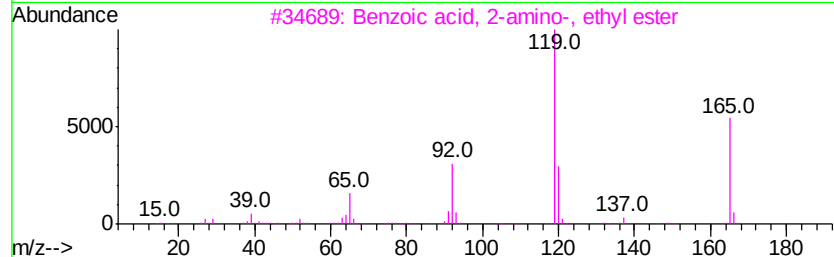
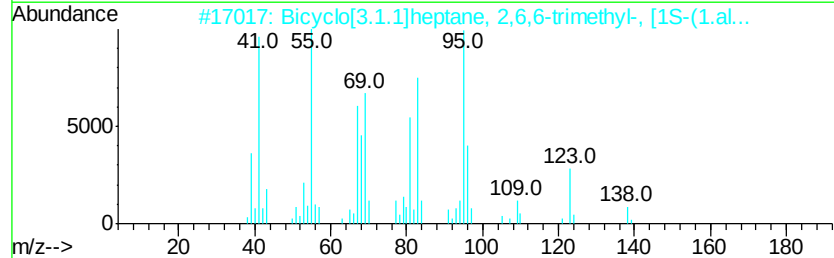
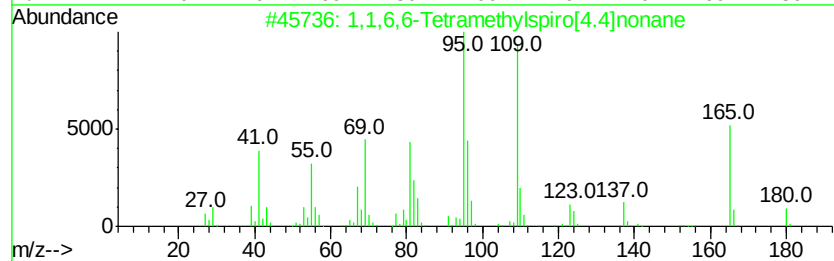
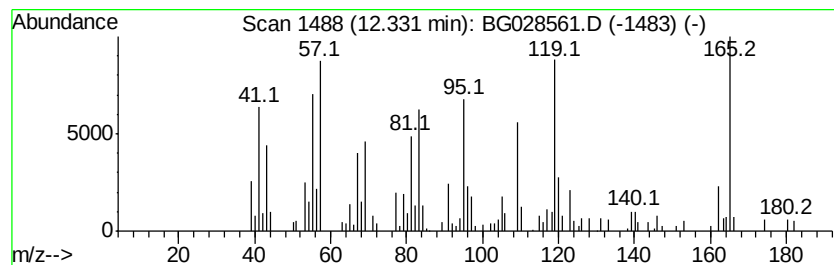
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 unknown-06 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	5.01 ng/ul	112232	Napthalene-d8	11.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1,6,6-Tetramethylspiro[4.4]nonane	180	C13H24	074054-92-5	38
2			Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004755-33-3	27
3			Benzoic acid, 2-amino-, ethyl ester	165	C9H11NO2	000087-25-2	22
4			Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	18
5			Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	18



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028561.D
Acq On : 30 Aug 2017 20:20
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Sample : I4917-07
Misc :
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Instrument :
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ClientSampleId :
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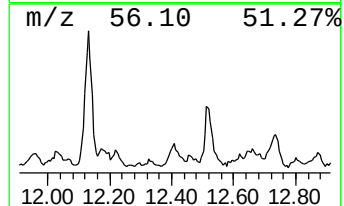
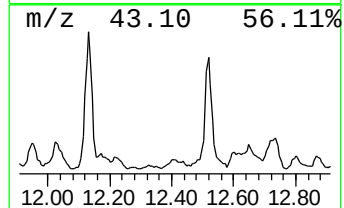
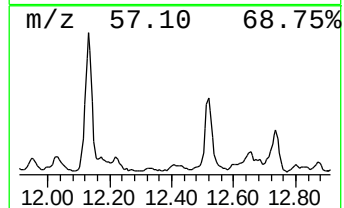
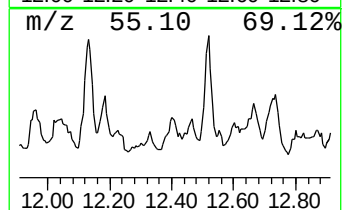
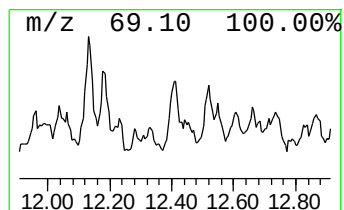
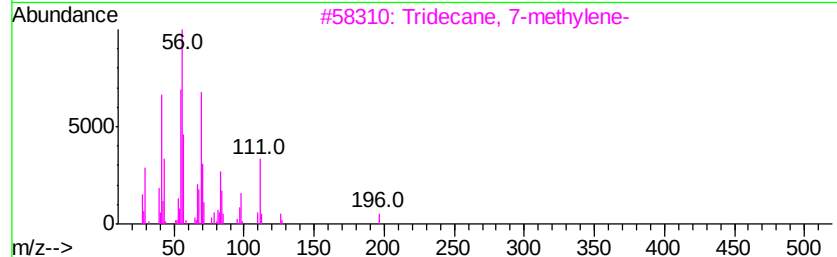
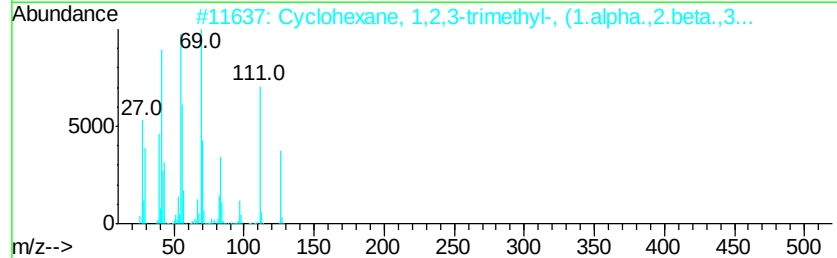
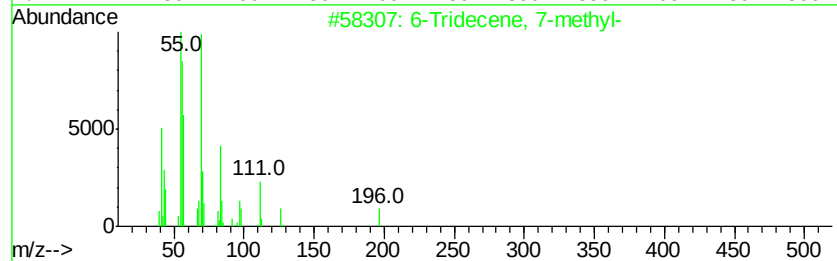
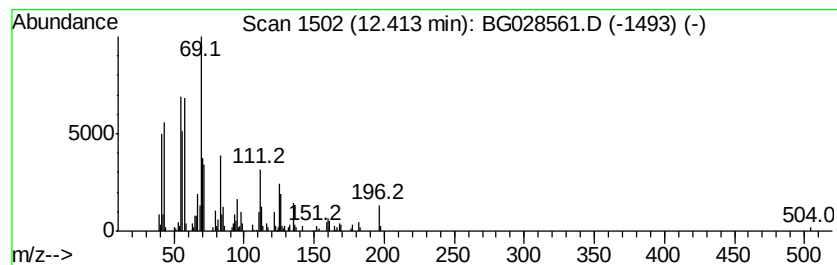
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 (DEL) Alkane: Cyclic12.41 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	12.00 ng/ul	268590	Naphthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	76
2		Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	74
3		Tridecane, 7-methylene-	196	C14H28	019780-80-4	70
4		7-Tetradecene	196	C14H28	010374-74-0	70
5		Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	68



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028561.D
Acq On : 30 Aug 2017 20:20
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Sample : I4917-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

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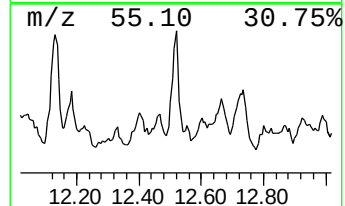
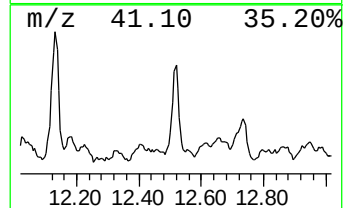
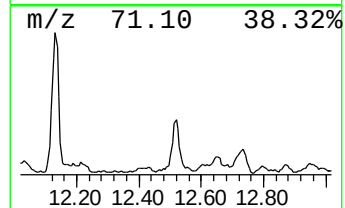
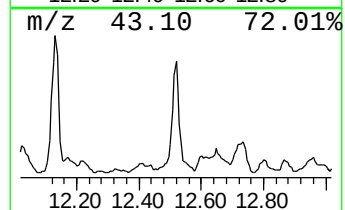
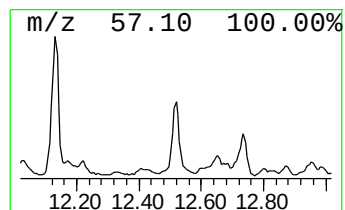
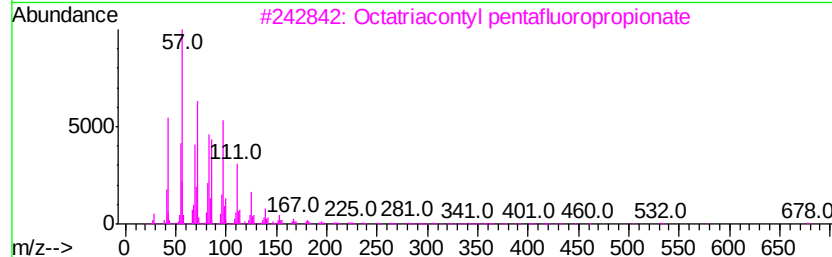
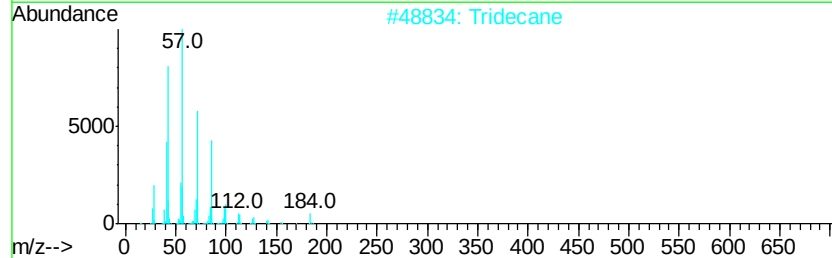
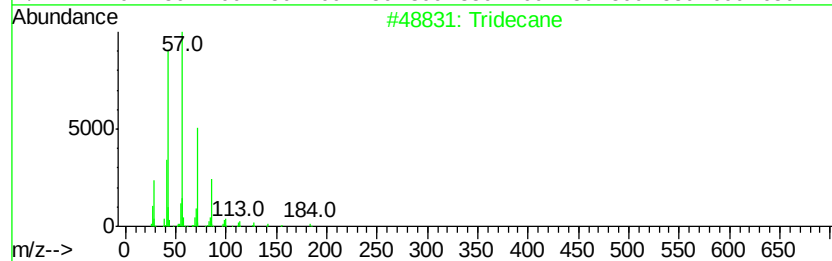
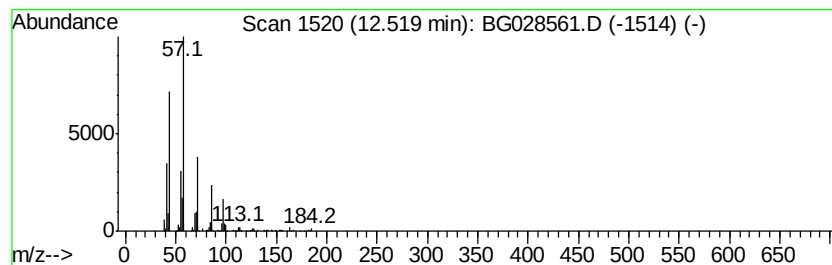
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	26.10 ng/ul	584440	Napthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	70
2		Tridecane	184	C13H28	000629-50-5	70
3		Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	64
4		Tetratriacontyl pentafluoropropi...	641	C37H69F5O2	1000351-81-5	64
5		Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
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Misc :
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Instrument :
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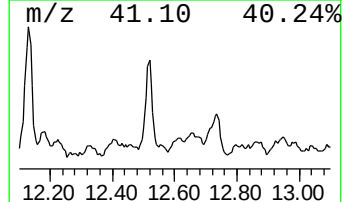
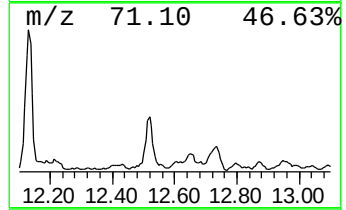
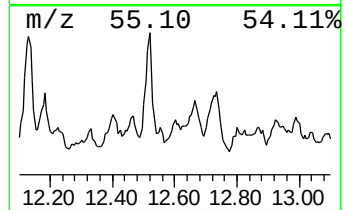
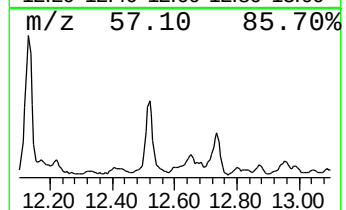
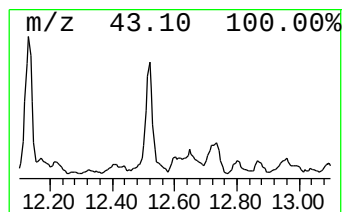
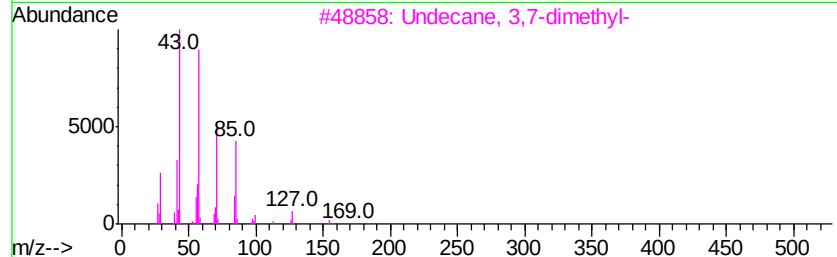
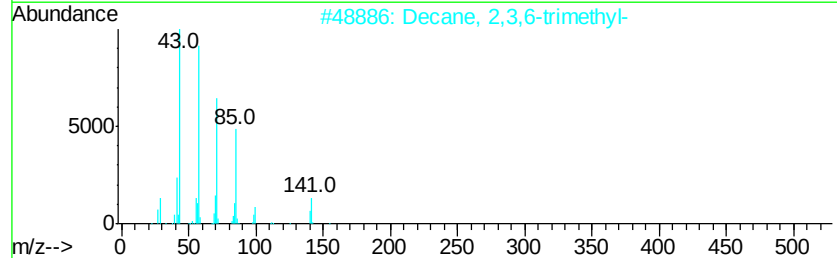
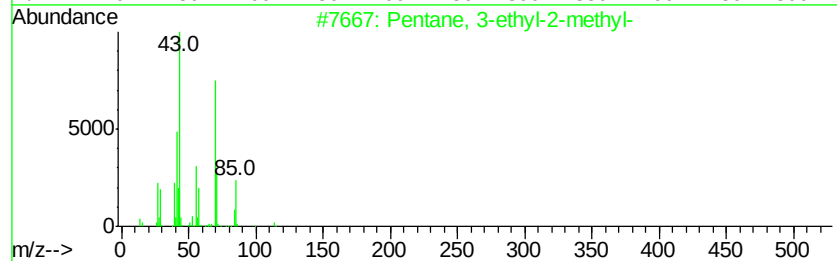
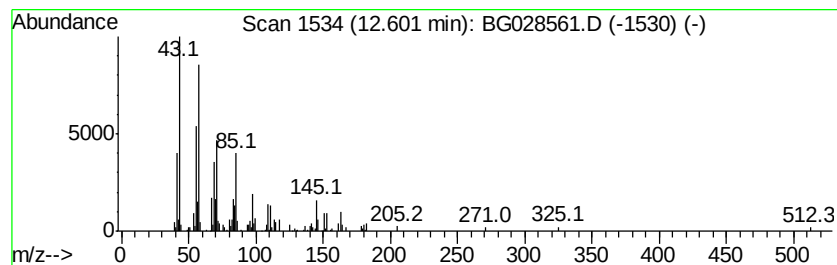
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	5.88 ng/ul	131717	Napthalene-d8	11.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	46
2			Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	43
3			Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	43
4			Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	43
5			Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	43



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
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Operator : SJ/JU
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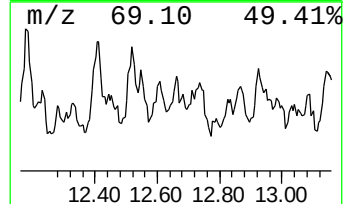
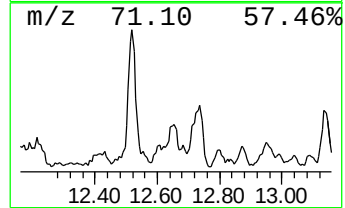
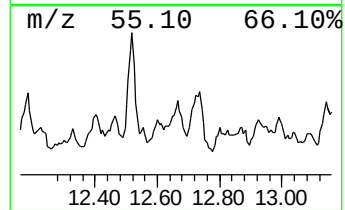
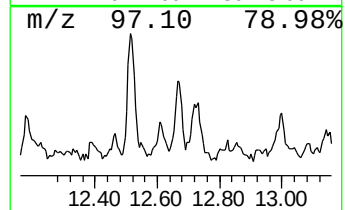
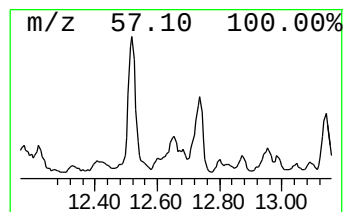
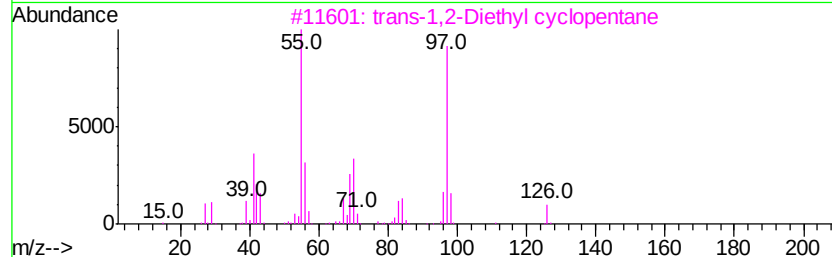
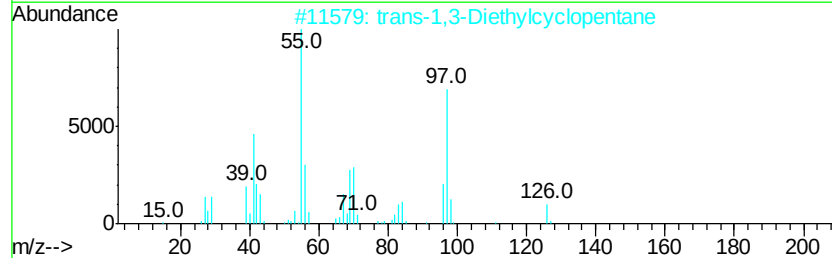
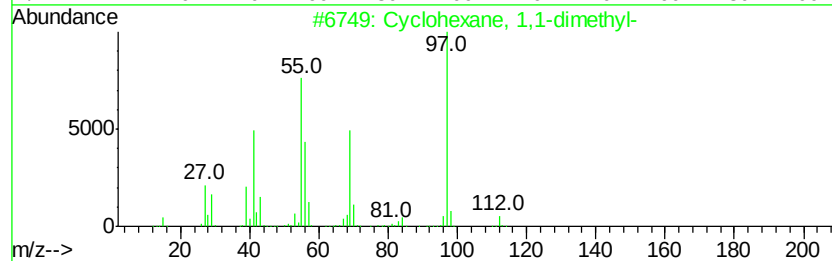
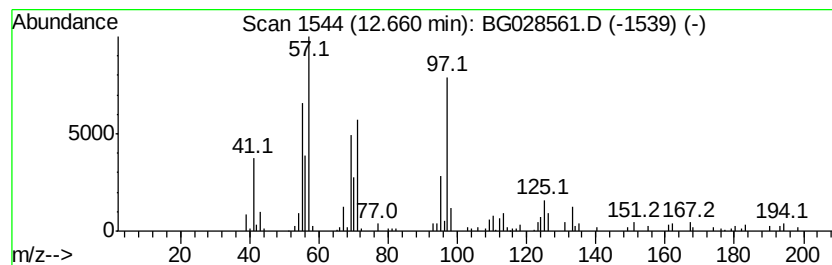
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 (DEL) Alkane: Cyclic12.66 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	6.13 ng/ul	137185	Napthalene-d8	11.16
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, 1,1-dimethyl-	112 C8H16	000590-66-9 46
2		trans-1,3-Diethylcyclopentane	126 C9H18	1000113-87-1 38
3		trans-1,2-Diethyl cyclopentane	126 C9H18	000932-40-1 38
4		1H-Pyrazol-4-amine, 3-methyl-	97 C4H7N3	1000338-28-2 38
5		2-Aziridinone, 1-tert-butyl-3-(1...	209 C13H23NO	024161-49-7 35



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028561.D
Acq On : 30 Aug 2017 20:20
Operator : SJ/JU
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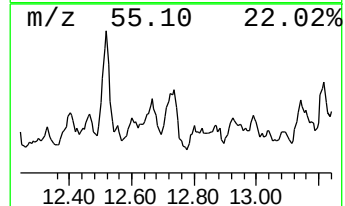
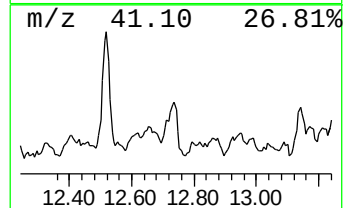
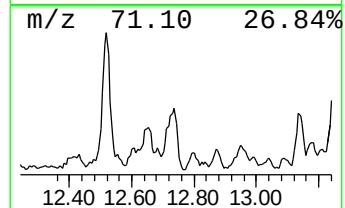
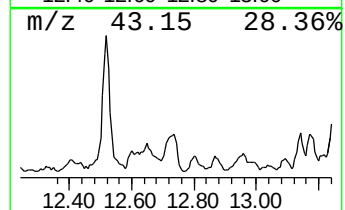
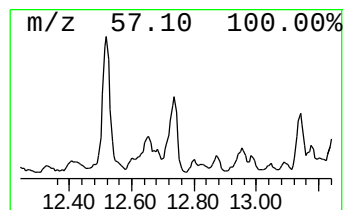
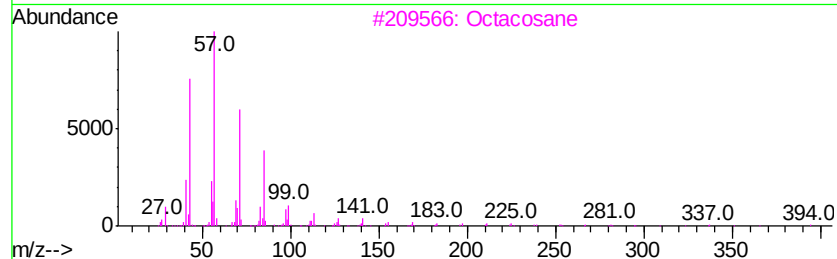
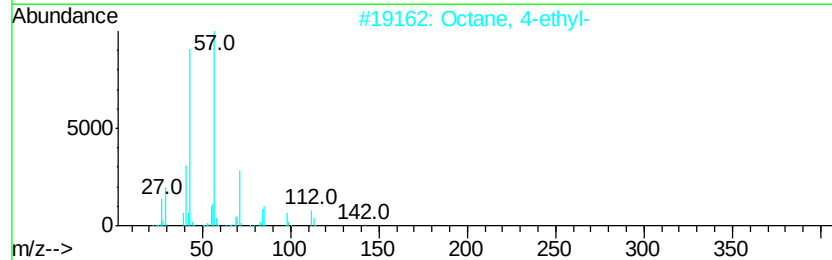
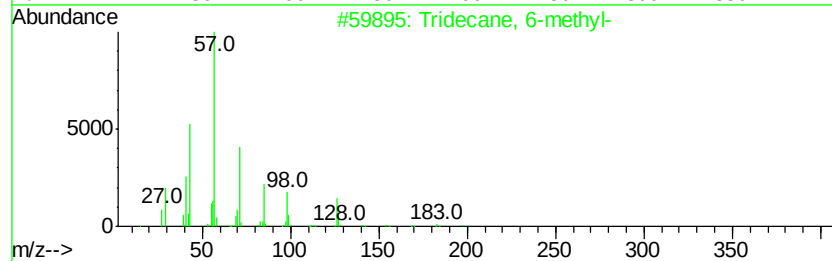
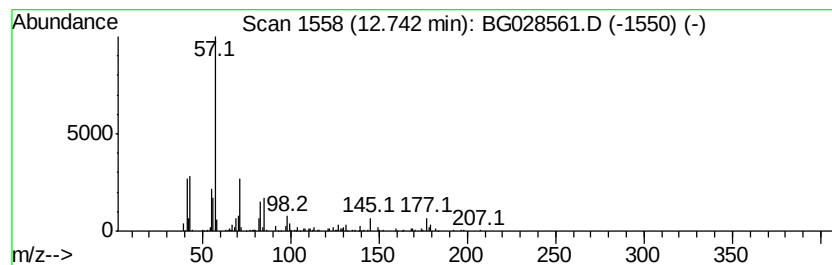
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	21.36 ng/ul	478182	Napthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	58
2		Octane, 4-ethyl-	142	C10H22	015869-86-0	53
3		Octacosane	394	C28H58	000630-02-4	50
4		Dodecane, 6-methyl-	184	C13H28	006044-71-9	50
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	50



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028561.D
Acq On : 30 Aug 2017 20:20
Operator : SJ/JU
Sample : I4917-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0B47

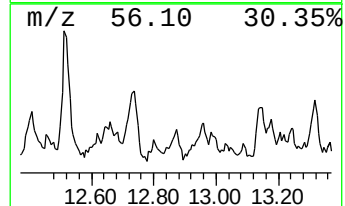
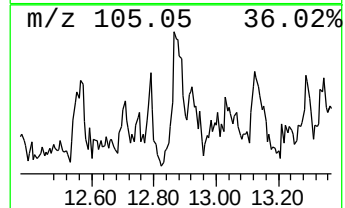
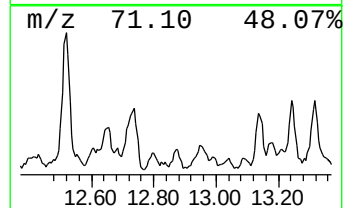
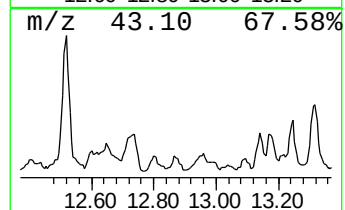
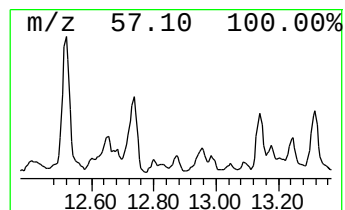
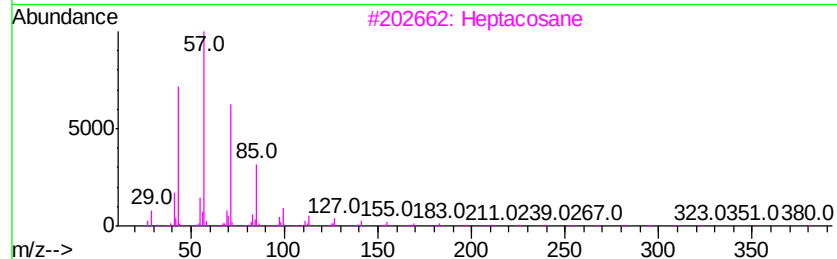
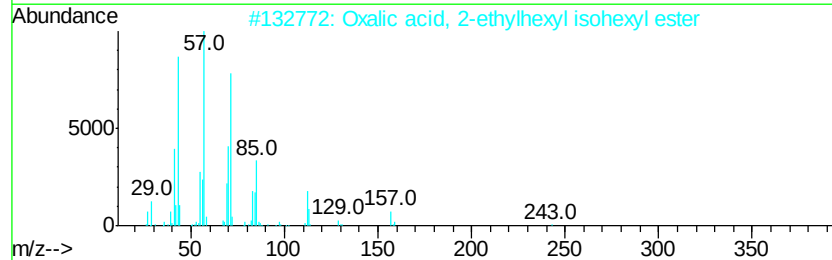
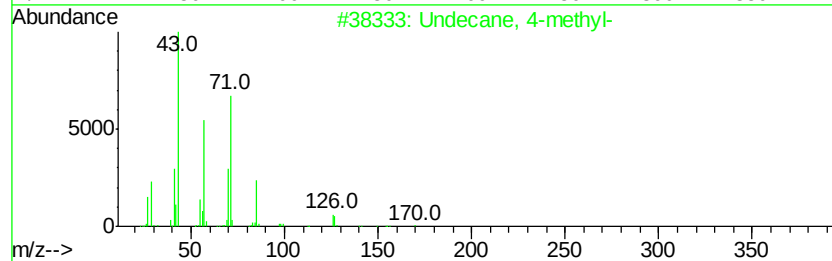
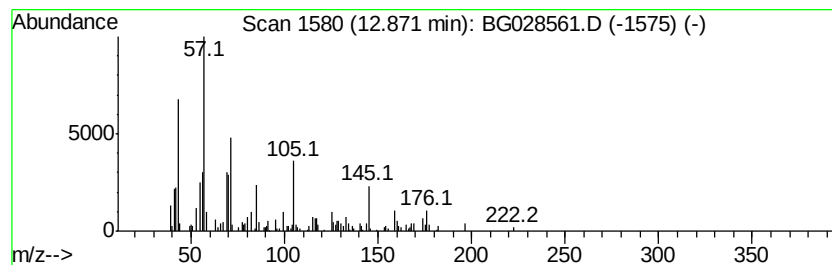
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	4.82 ng/ul	107968	Napthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 4-methyl-	170	C12H26	002980-69-0	38
2		Oxalic acid, 2-ethylhexyl isohex...	286	C16H30O4	1000309-38-8	35
3		Heptacosane	380	C27H56	000593-49-7	35
4		Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	35
5		Undecane, 5-ethyl-	184	C13H28	017453-94-0	35



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028561.D
Acq On : 30 Aug 2017 20:20
Operator : SJ/JU
Sample : I4917-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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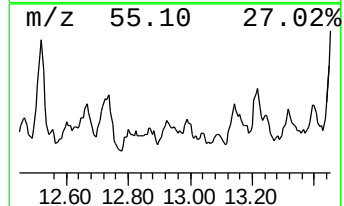
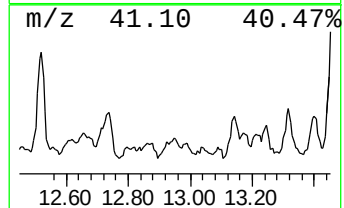
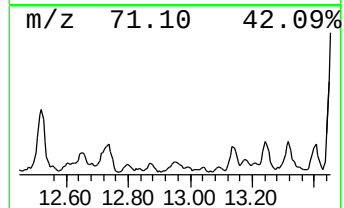
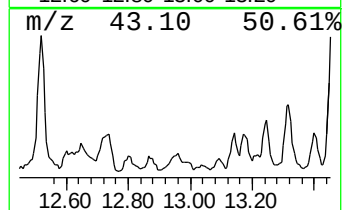
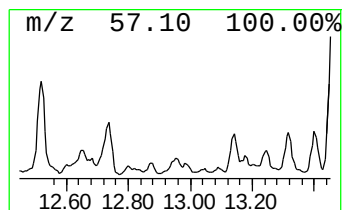
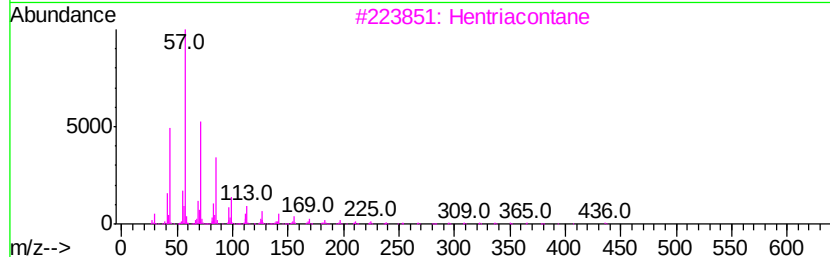
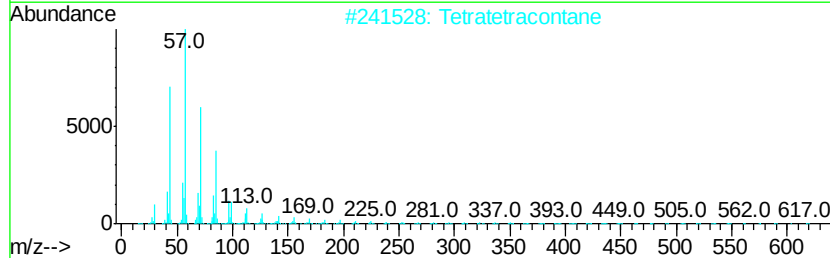
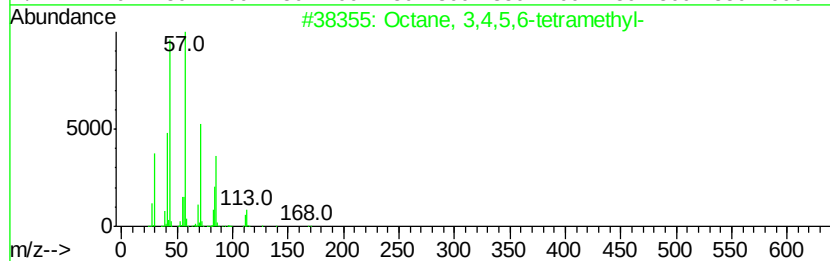
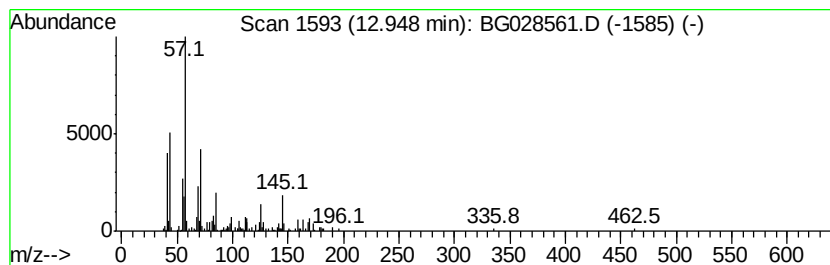
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Quant Title : SVOA CALIBRATION

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

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	9.15 ng/ul	204871	Napthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	50
2		Tetratetracontane	619	C44H90	007098-22-8	50
3		Hentriacontane	437	C31H64	000630-04-6	50
4		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	47
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	47



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028561.D
Acq On : 30 Aug 2017 20:20
Operator : SJ/JU
Sample : I4917-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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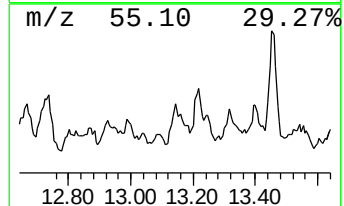
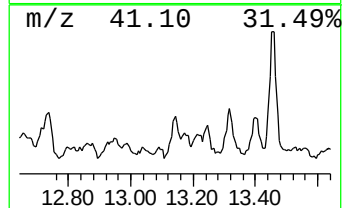
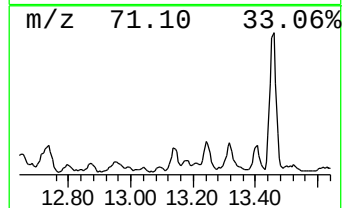
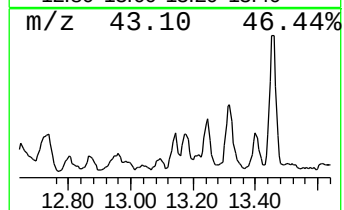
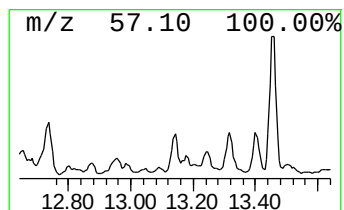
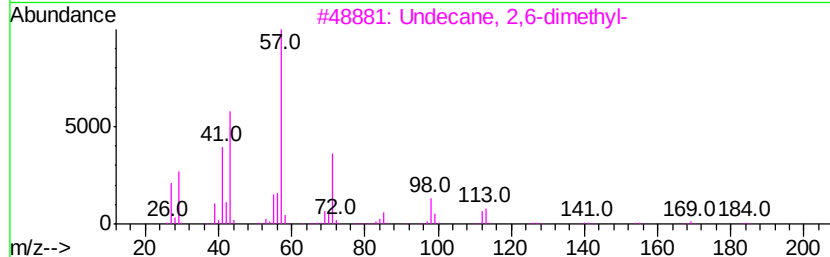
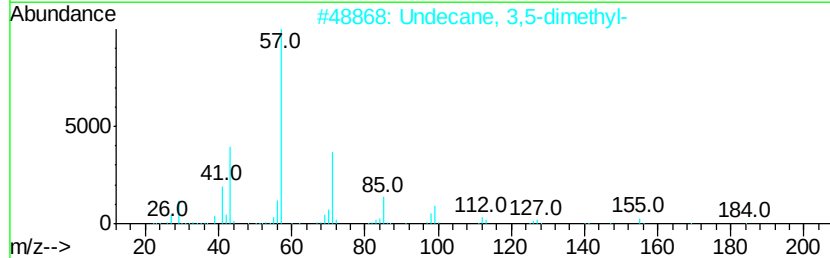
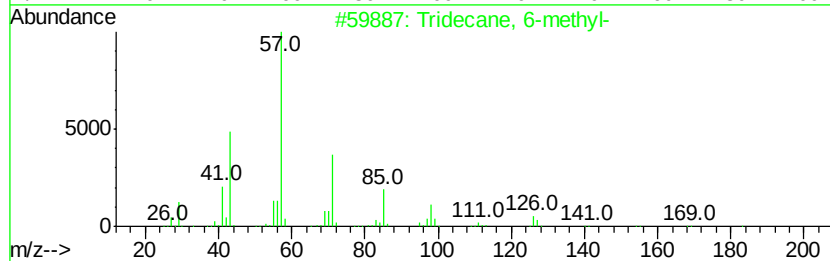
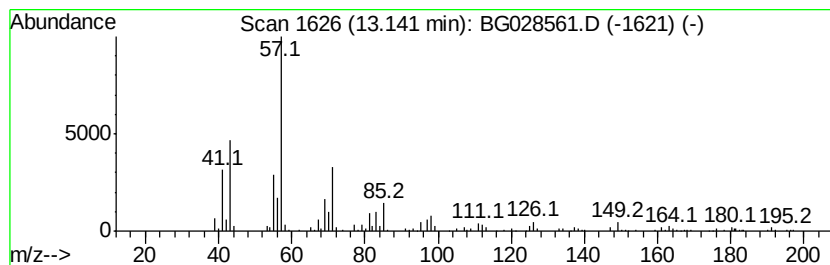
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Quant Title : SVOA CALIBRATION

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

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	10.39 ng/ul	315416	Acenaphthene-d10	14.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	72
2		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	53
3		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	50
4		Decan-2-yl isobutyl carbonate	258	C15H30O3	1000372-79-5	43
5		Hexadecane	226	C16H34	000544-76-3	43



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028561.D
Acq On : 30 Aug 2017 20:20
Operator : SJ/JU
Sample : I4917-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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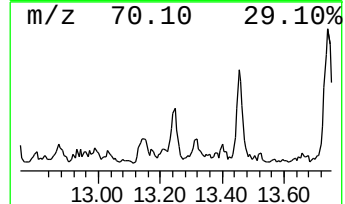
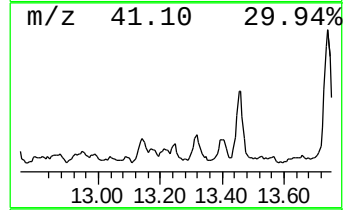
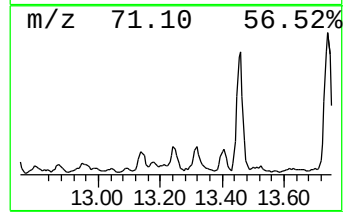
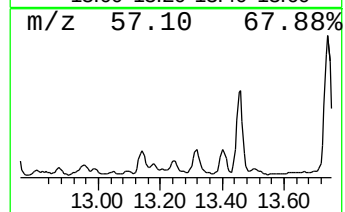
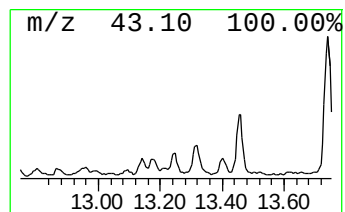
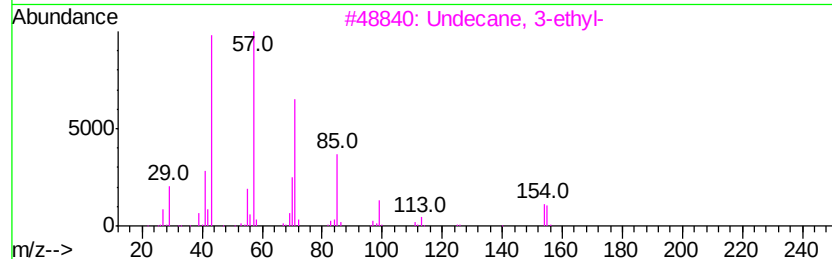
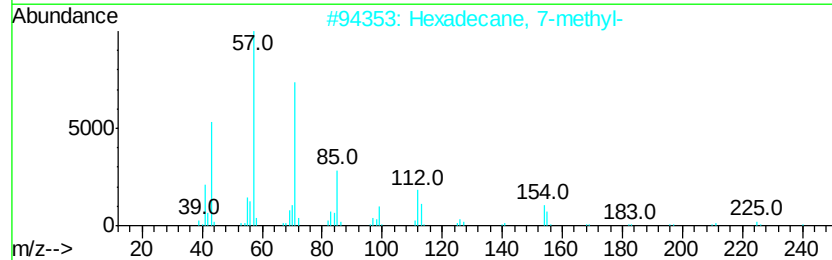
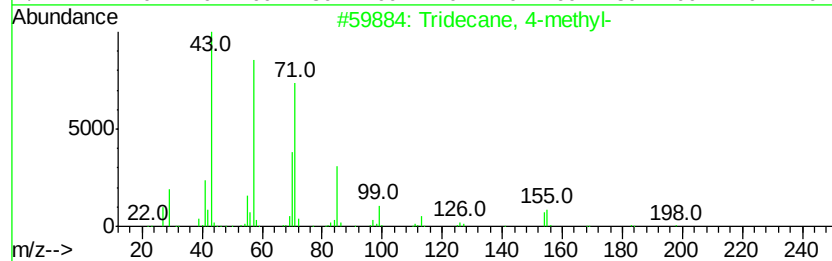
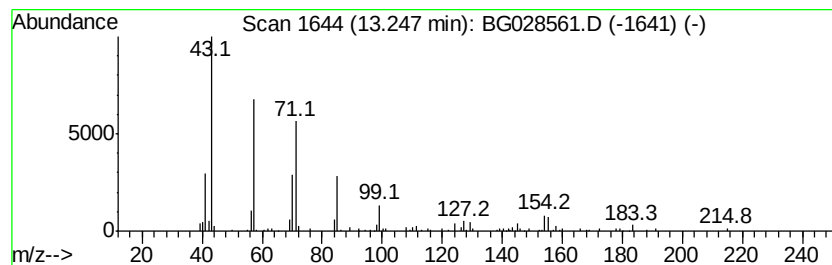
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Quant Title : SVOA CALIBRATION

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

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	5.00 ng/ul	151861	Acenaphthene-d10	14.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 4-methyl-	198	C14H30	026730-12-1	72
2			Hexadecane, 7-methyl-	240	C17H36	026730-20-1	59
3			Undecane, 3-ethyl-	184	C13H28	017312-58-2	59
4			Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	53
5			Hentriacontane	437	C31H64	000630-04-6	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028561.D
Acq On : 30 Aug 2017 20:20
Operator : SJ/JU
Sample : I4917-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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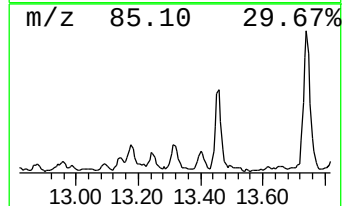
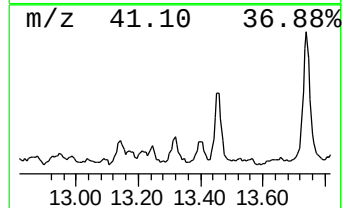
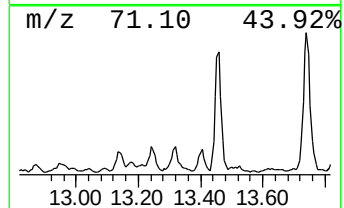
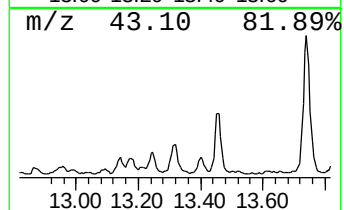
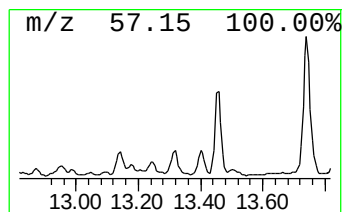
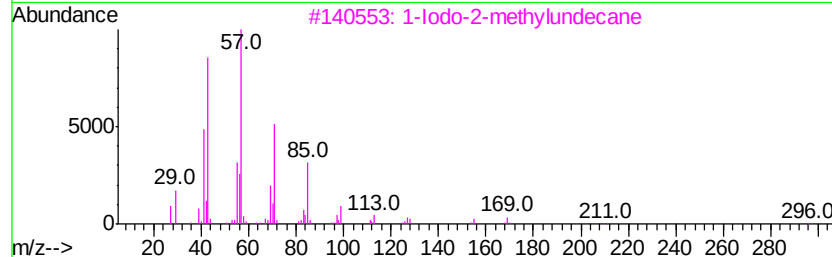
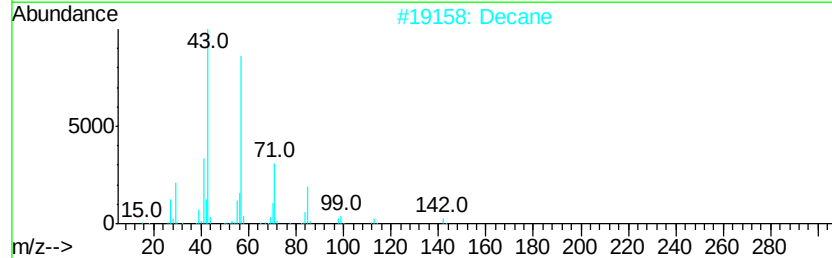
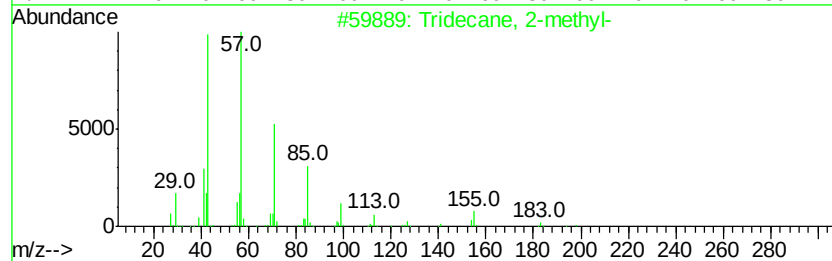
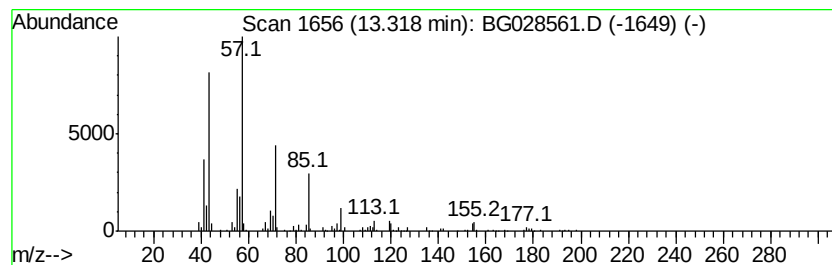
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Quant Title : SVOA CALIBRATION

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

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	9.80 ng/ul	297707	Acenaphthene-d10	14.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 2-methyl-	198	C14H30	001560-96-9	90
2			Decane	142	C10H22	000124-18-5	72
3			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72
4			Heptacosane	380	C27H56	000593-49-7	72
5			Tridecane, 2-methyl-	198	C14H30	001560-96-9	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028561.D
Acq On : 30 Aug 2017 20:20
Operator : SJ/JU
Sample : I4917-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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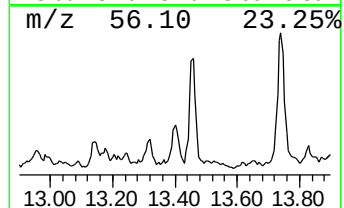
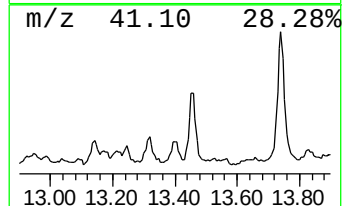
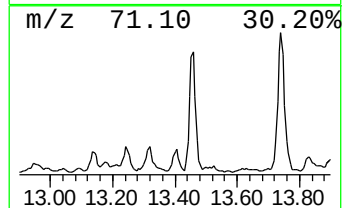
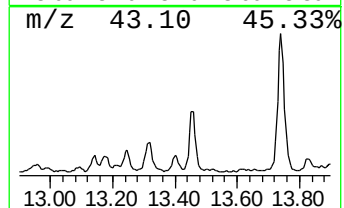
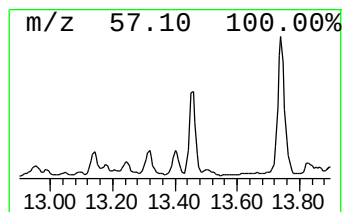
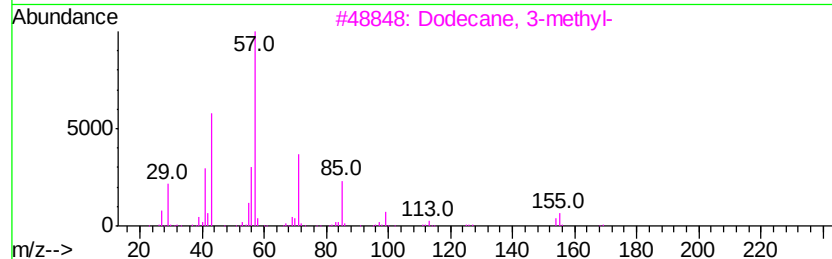
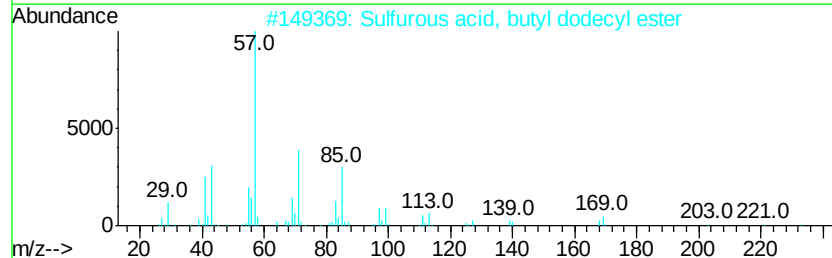
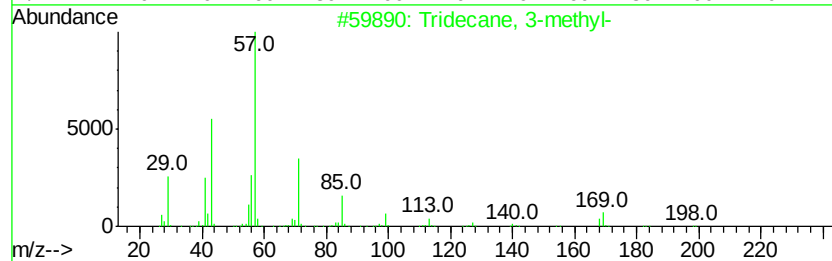
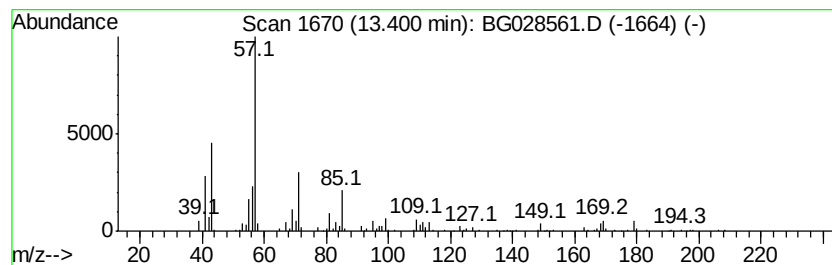
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Quant Title : SVOA CALIBRATION

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

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	7.82 ng/ul	237369	Acenaphthene-d10	14.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 3-methyl-	198	C14H30	006418-41-3	64
2			Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	64
3			Dodecane, 3-methyl-	184	C13H28	017312-57-1	59
4			Dodecane, 3-methyl-	184	C13H28	017312-57-1	59
5			Undecane, 3-methyl-	170	C12H26	001002-43-3	59



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028561.D
Acq On : 30 Aug 2017 20:20
Operator : SJ/JU
Sample : I4917-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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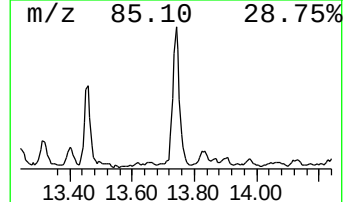
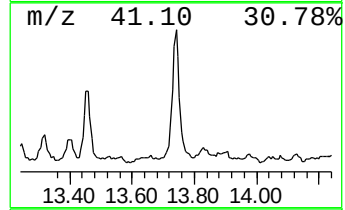
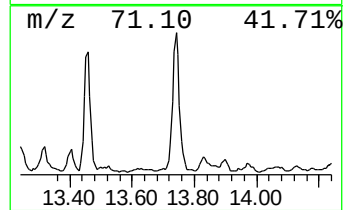
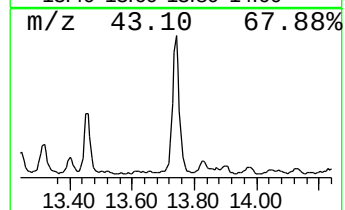
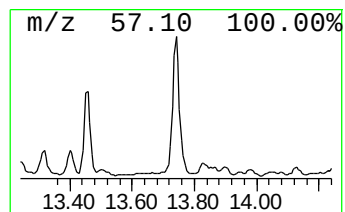
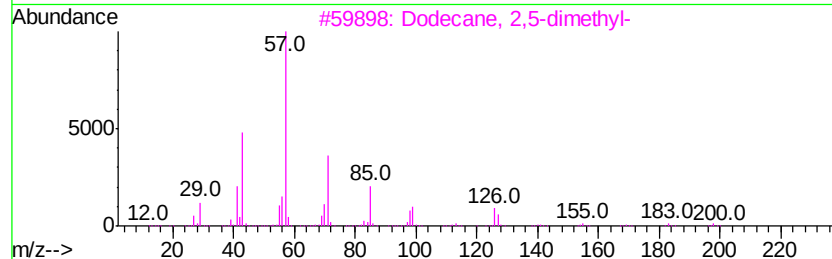
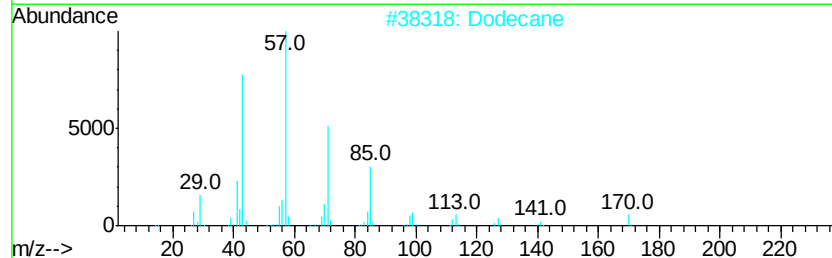
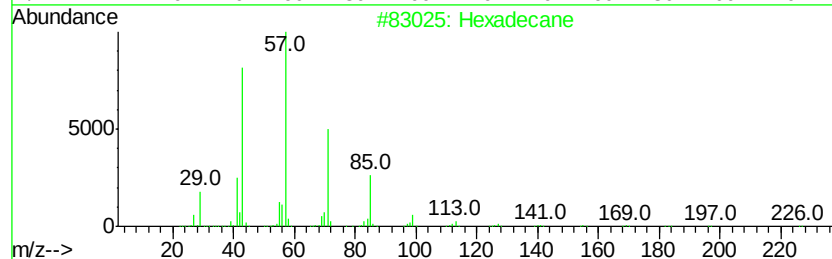
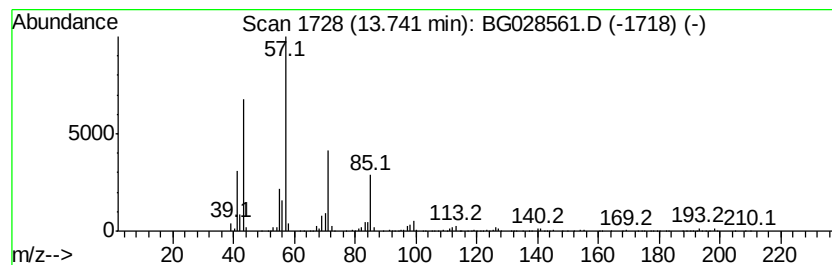
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Quant Title : SVOA CALIBRATION

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

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	54.45 ng/ul	1653620	Acenaphthene-d10	14.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Dodecane	170	C12H26	000112-40-3	83
3		Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	81
4		Hexadecane	226	C16H34	000544-76-3	80
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	78



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028561.D
Acq On : 30 Aug 2017 20:20
Operator : SJ/JU
Sample : I4917-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0B47

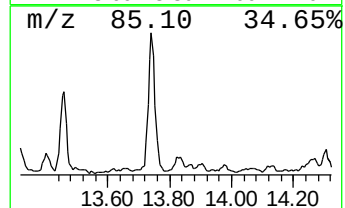
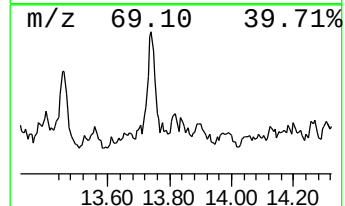
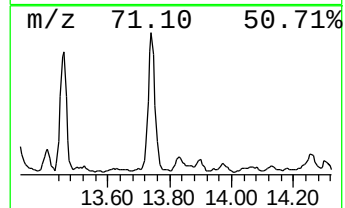
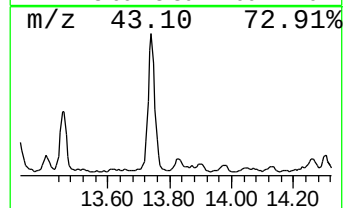
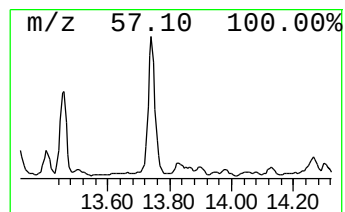
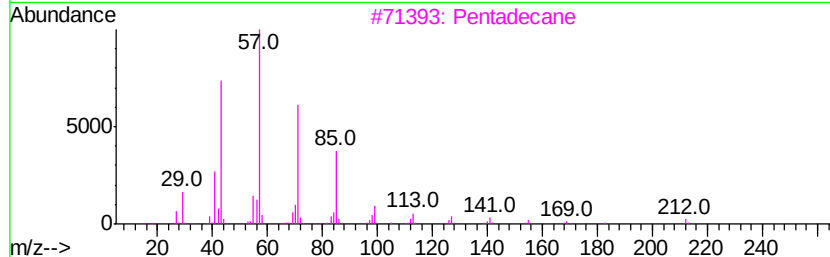
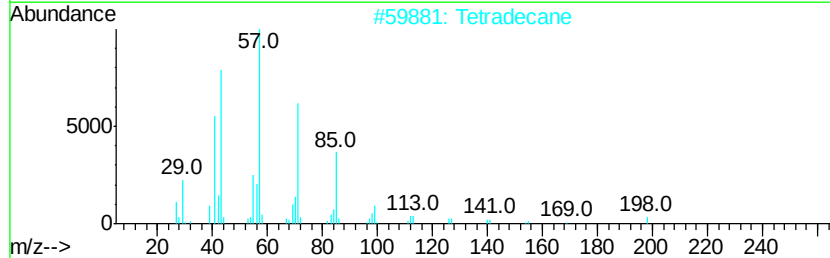
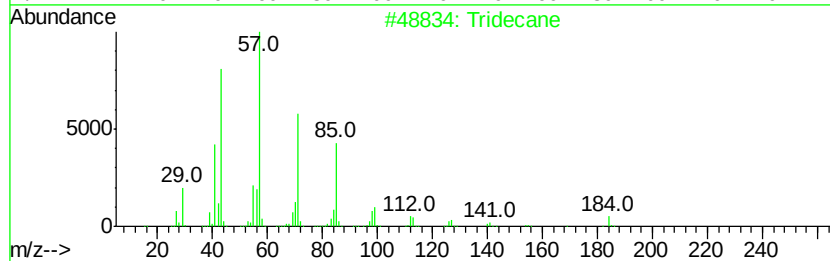
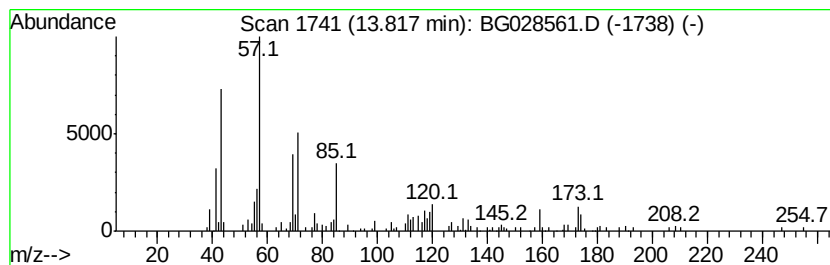
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Quant Title : SVOA CALIBRATION

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

Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	5.89 ng/ul	178746	Acenaphthene-d10	14.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	59
2			Tetradecane	198	C14H30	000629-59-4	59
3			Pentadecane	212	C15H32	000629-62-9	59
4			Ethanol, 2-(dodecyloxy)-	230	C14H30O2	004536-30-5	59
5			Undecane	156	C11H24	001120-21-4	59



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028561.D
Acq On : 30 Aug 2017 20:20
Operator : SJ/JU
Sample : I4917-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B0B47

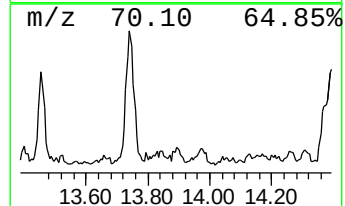
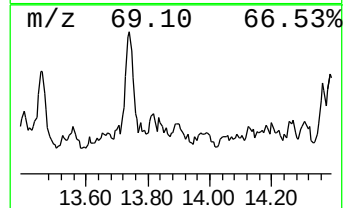
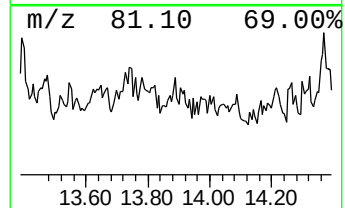
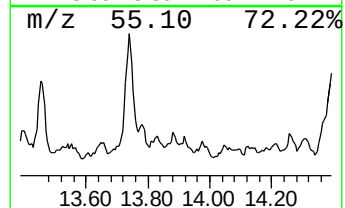
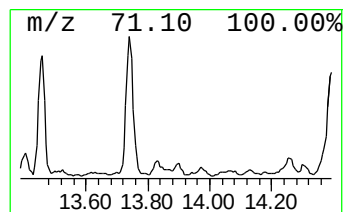
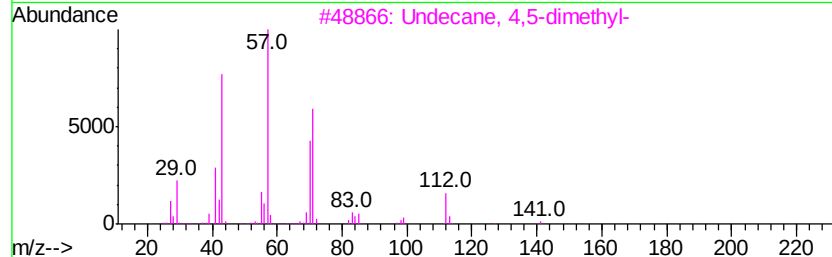
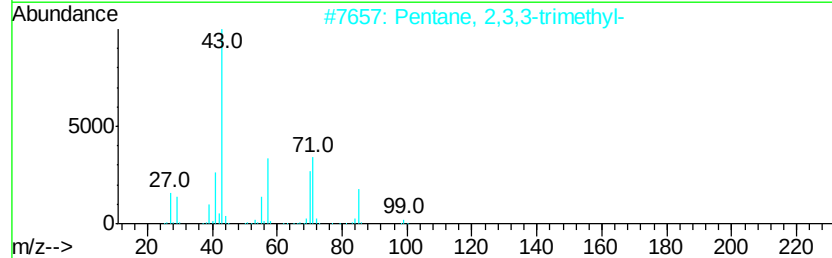
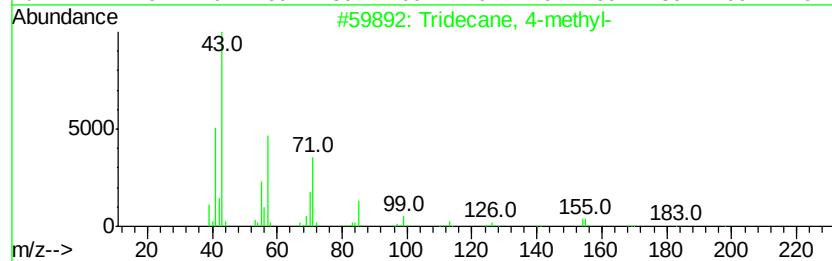
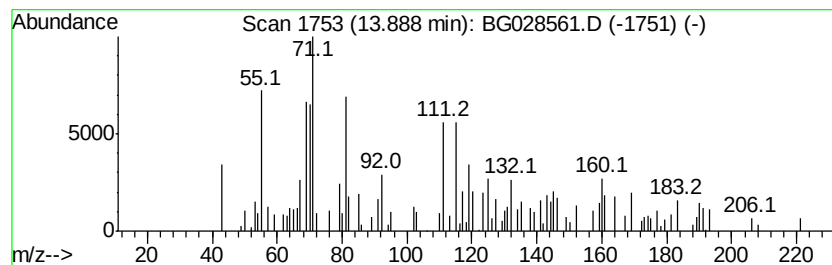
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Quant Title : SVOA CALIBRATION

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

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	4.16 ng/ul	126425	Acenaphthene-d10	14.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 4-methyl-	198	C14H30	026730-12-1	59
2		Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	59
3		Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	50
4		Dimethylmalonic acid, 4-chloroph...	494	C29H47ClO4	1000361-98-6	47
5		2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	47



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028561.D
Acq On : 30 Aug 2017 20:20
Operator : SJ/JU
Sample : I4917-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

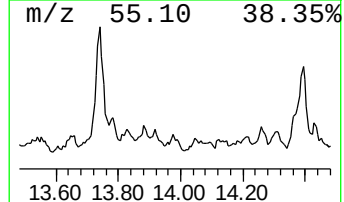
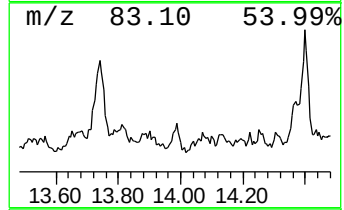
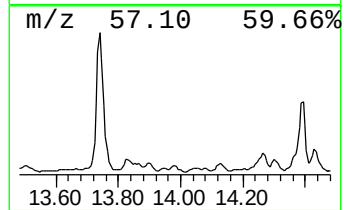
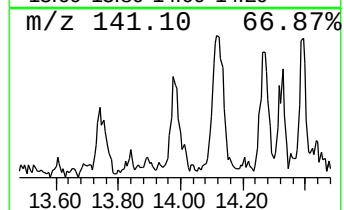
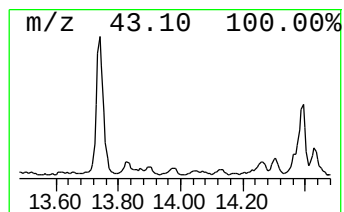
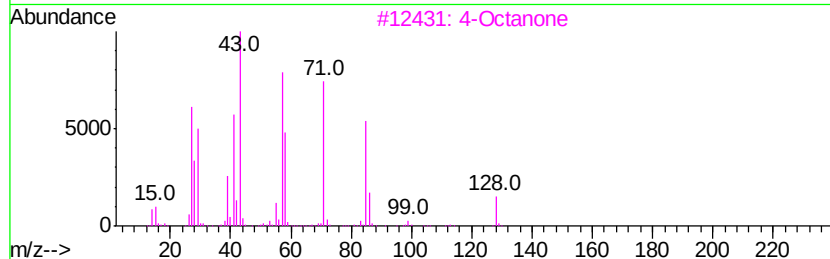
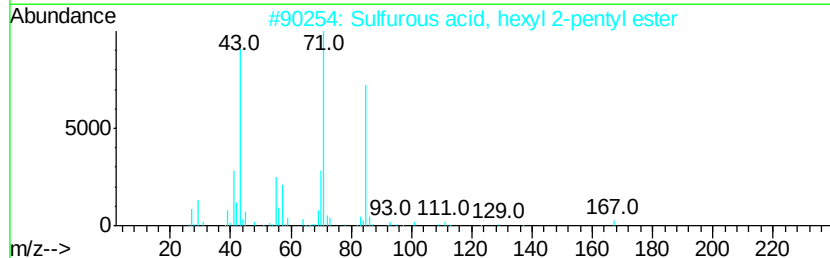
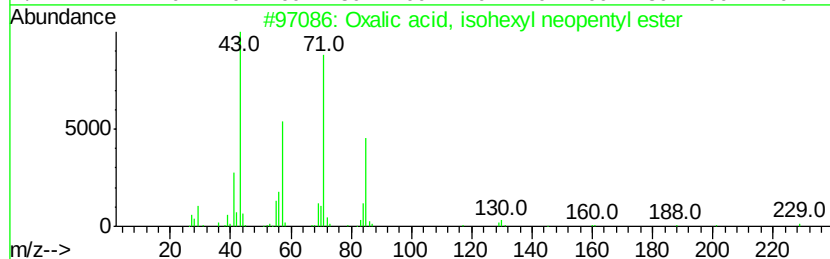
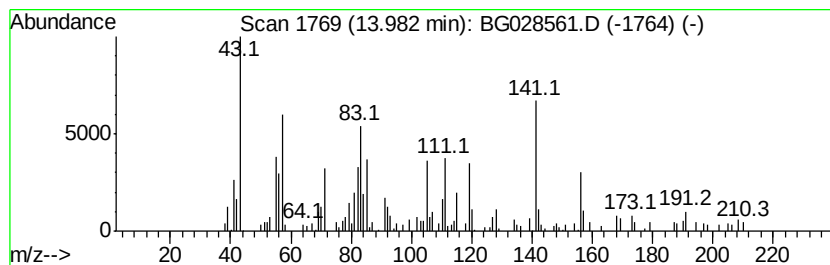
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 42 unknown-07 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	4.16 ng/ul	126310	Acenaphthene-d10	14.95
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Oxalic acid, isohexyl neopentyl ...	244 C13H24O4	1000309-73-0 35
2		Sulfurous acid, hexyl 2-pentyl e...	236 C11H24O3S	1000309-15-6 35
3		4-Octanone	128 C8H16O	000589-63-9 30
4		4-Octanone	128 C8H16O	000589-63-9 27
5		Hexadecane	226 C16H34	000544-76-3 27



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028561.D
Acq On : 30 Aug 2017 20:20
Operator : SJ/JU
Sample : I4917-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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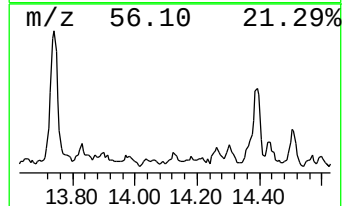
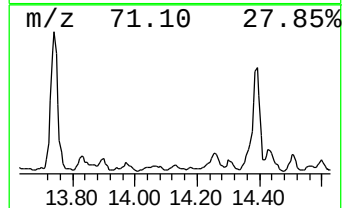
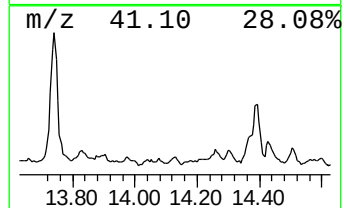
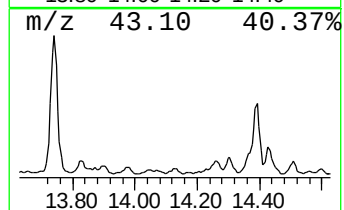
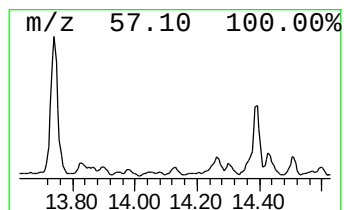
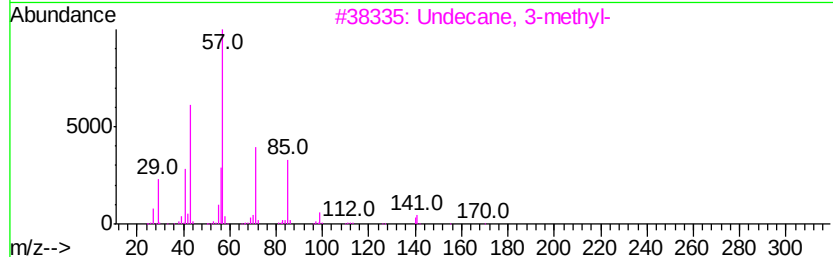
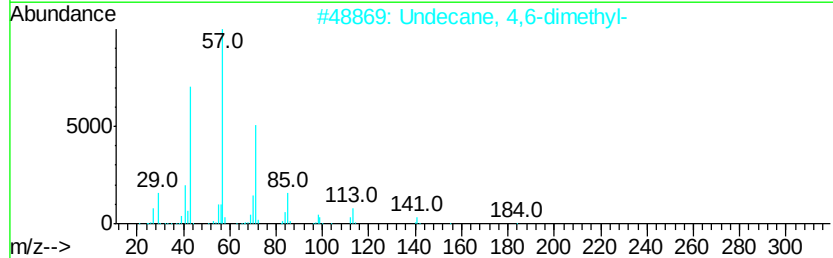
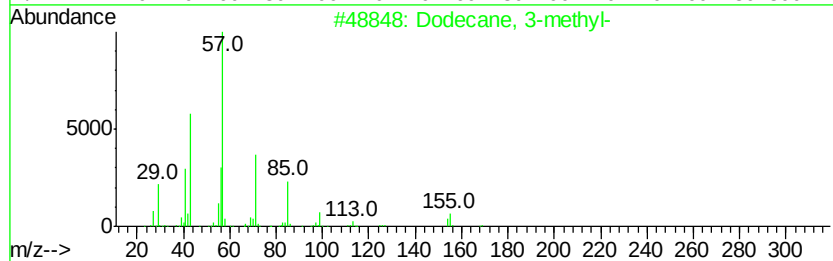
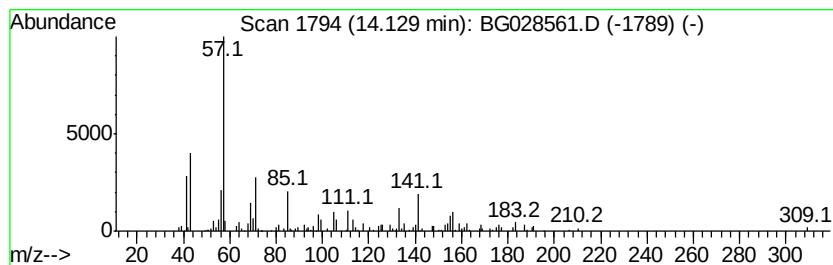
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Quant Title : SVOA CALIBRATION

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

Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	4.30 ng/ul	130733	Acenaphthene-d10	14.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 3-methyl-	184	C13H28	017312-57-1	47
2			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	43
3			Undecane, 3-methyl-	170	C12H26	001002-43-3	38
4			Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	38
5			Decane	142	C10H22	000124-18-5	38



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028561.D
Acq On : 30 Aug 2017 20:20
Operator : SJ/JU
Sample : I4917-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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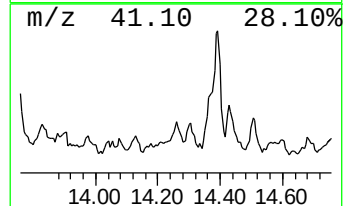
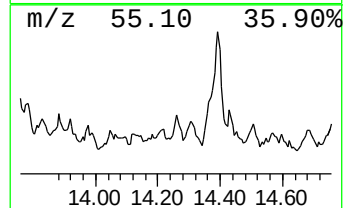
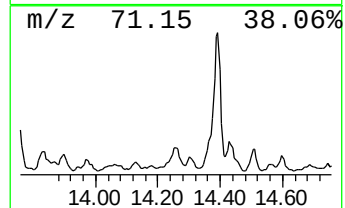
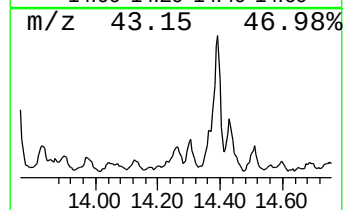
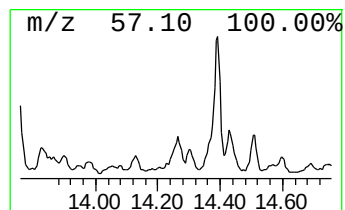
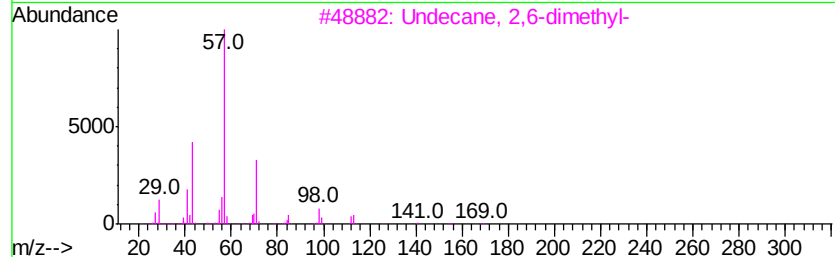
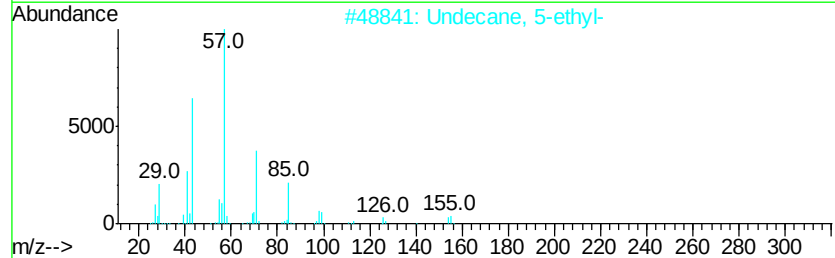
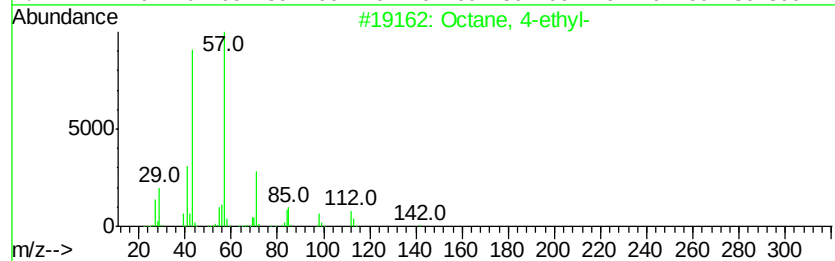
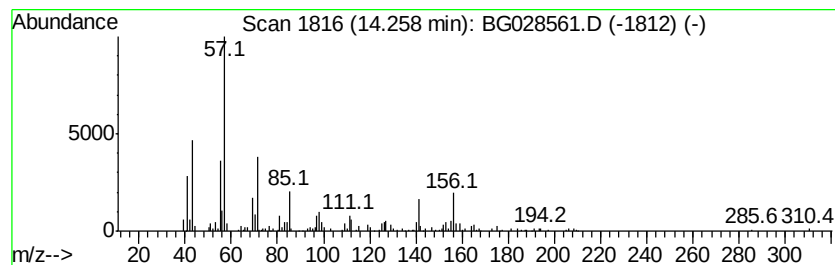
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Quant Title : SVOA CALIBRATION

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

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	5.42 ng/ul	164447	Acenaphthene-d10	14.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 4-ethyl-	142	C10H22	015869-86-0	38
2			Undecane, 5-ethyl-	184	C13H28	017453-94-0	38
3			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	35
4			Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	35
5			3,5-Dimethyldodecane	198	C14H30	107770-99-0	35



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
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Acq On : 30 Aug 2017 20:20
Operator : SJ/JU
Sample : I4917-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

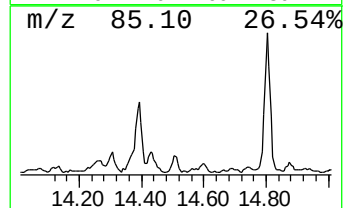
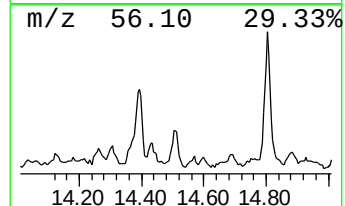
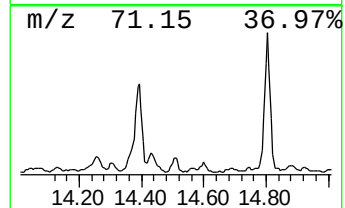
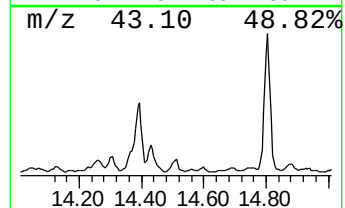
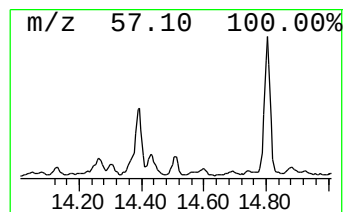
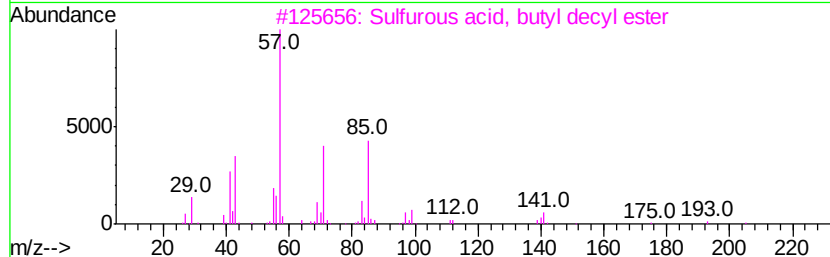
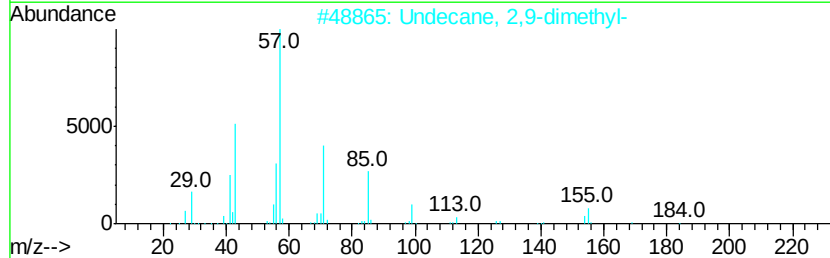
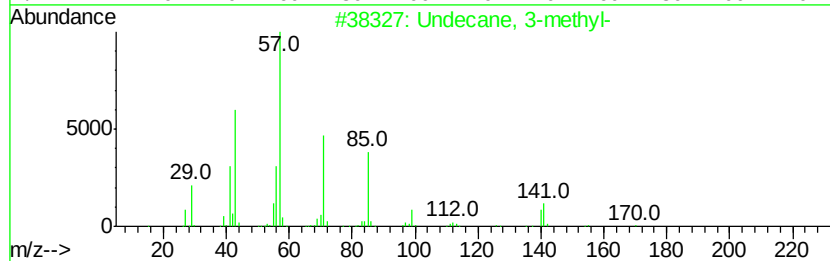
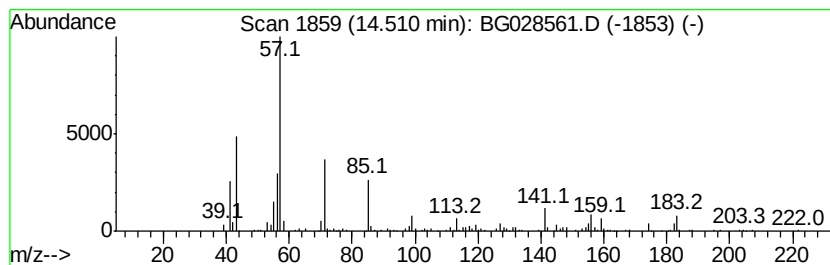
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.51	6.55 ng/ul	199045	Acenaphthene-d10	14.95	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-	170	C12H26	001002-43-3	59
2	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	53
3	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	53
4	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	47
5	2,5,5-Trimethyl-3-oxo-pyrroline,...	141	C7H11N02	1000305-90-5	47



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028561.D
Acq On : 30 Aug 2017 20:20
Operator : SJ/JU
Sample : I4917-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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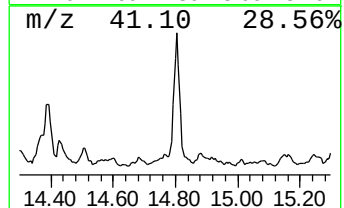
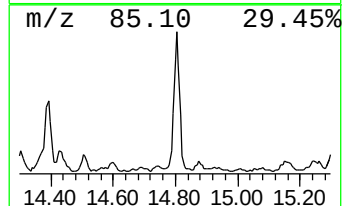
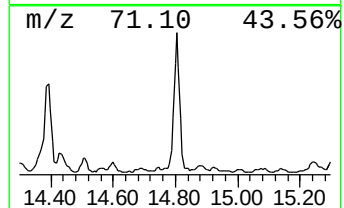
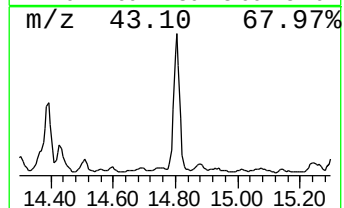
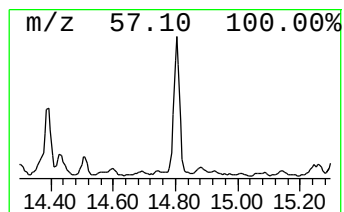
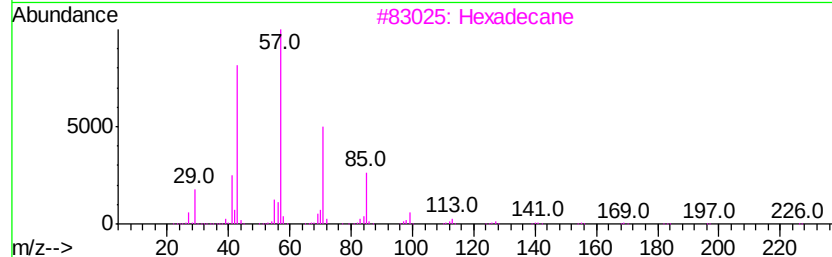
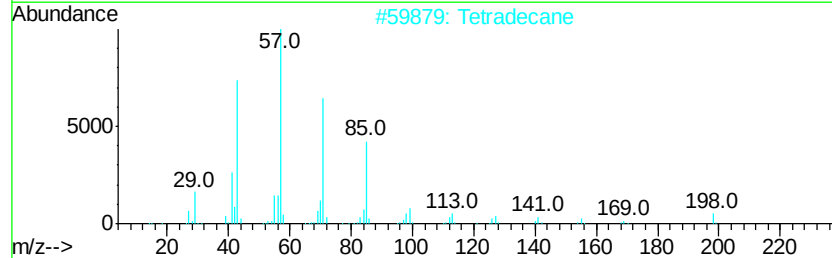
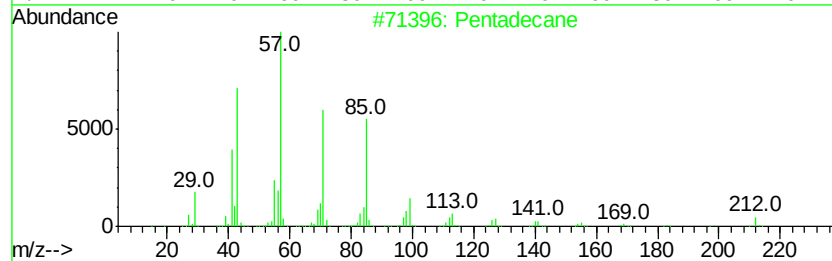
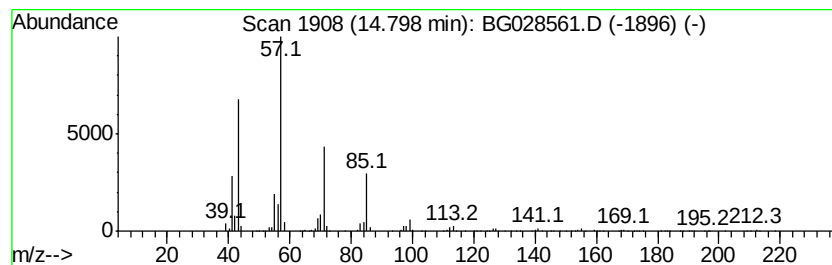
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Quant Title : SVOA CALIBRATION

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

Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	47.92 ng/ul	1455200	Acenaphthene-d10	14.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	93
2		Tetradecane	198	C14H30	000629-59-4	90
3		Hexadecane	226	C16H34	000544-76-3	86
4		Tetradecane	198	C14H30	000629-59-4	80
5		Hexadecane	226	C16H34	000544-76-3	80



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028561.D
Acq On : 30 Aug 2017 20:20
Operator : SJ/JU
Sample : I4917-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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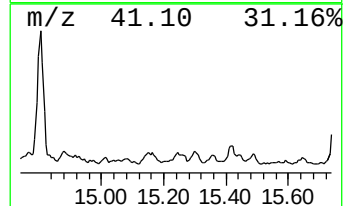
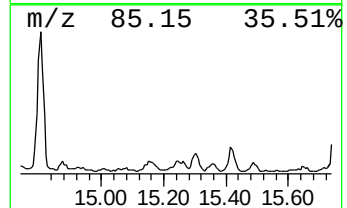
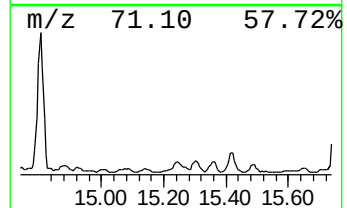
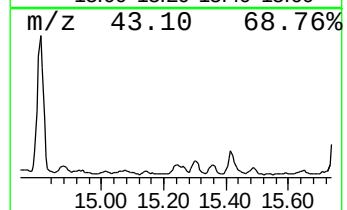
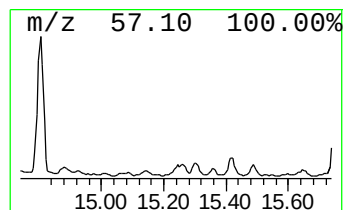
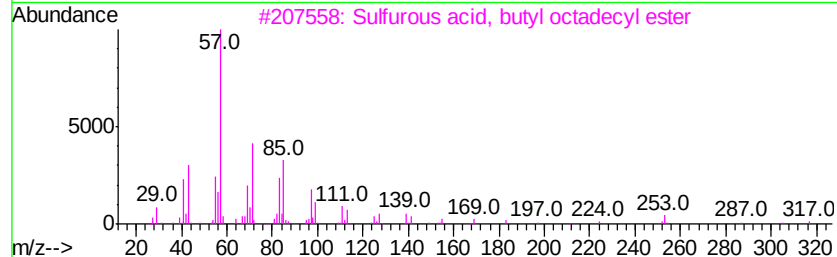
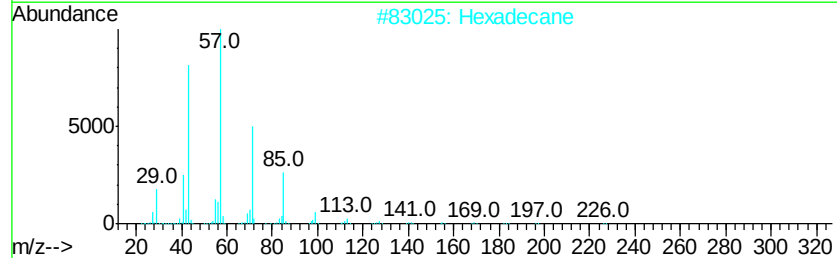
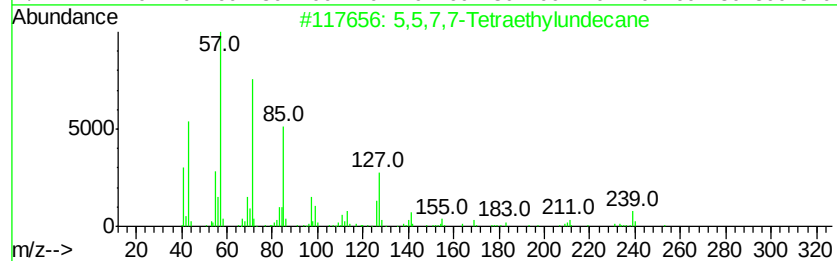
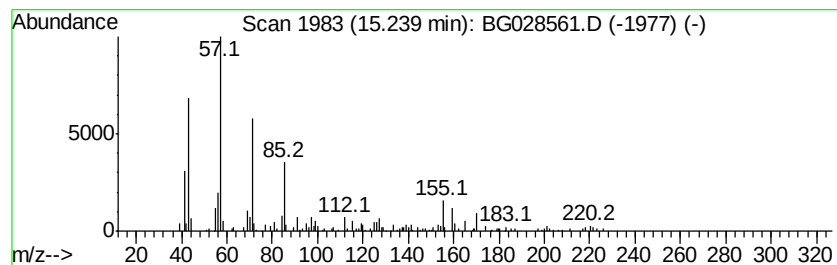
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Quant Title : SVOA CALIBRATION

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

Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	6.71 ng/ul	203670	Acenaphthene-d10	14.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5,5,7,7-Tetraethylundecane	268	C19H40	1000360-42-0	59
2			Hexadecane	226	C16H34	000544-76-3	59
3			Sulfurous acid, butyl octadecyl ...	390	C22H46O3S	1000309-18-5	59
4			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	59
5			Heneicosane	296	C21H44	000629-94-7	52



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028561.D
Acq On : 30 Aug 2017 20:20
Operator : SJ/JU
Sample : I4917-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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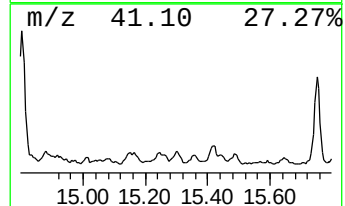
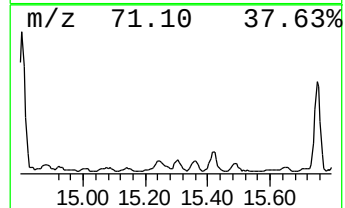
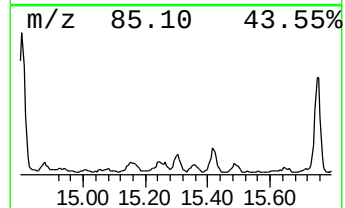
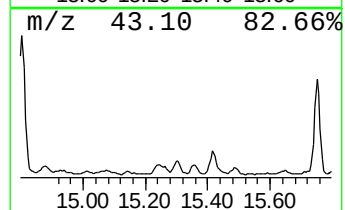
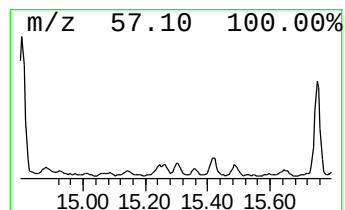
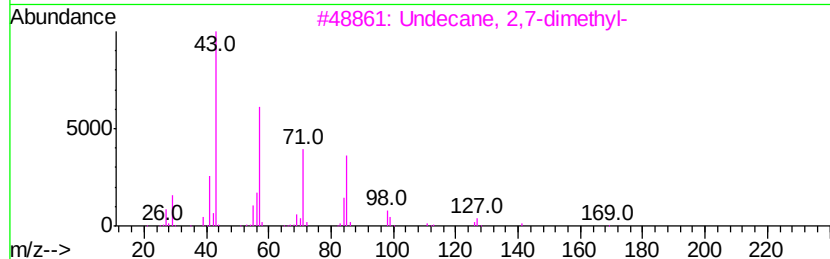
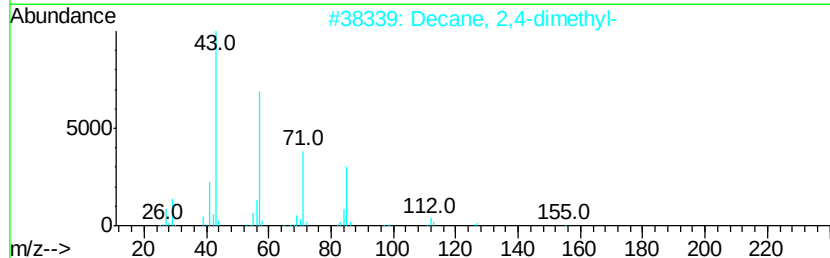
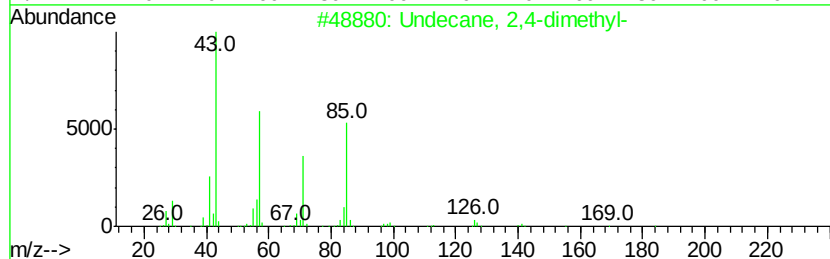
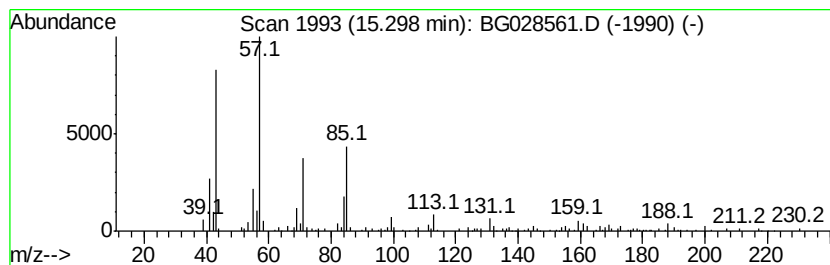
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Quant Title : SVOA CALIBRATION

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

Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	3.88 ng/ul	117903	Acenaphthene-d10	14.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	64
2			Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	59
3			Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	59
4			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59
5			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028561.D
Acq On : 30 Aug 2017 20:20
Operator : SJ/JU
Sample : I4917-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

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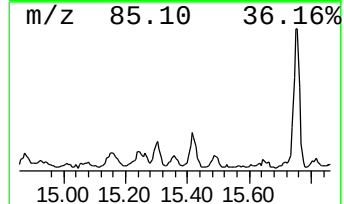
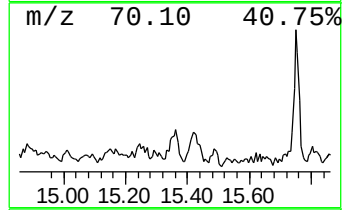
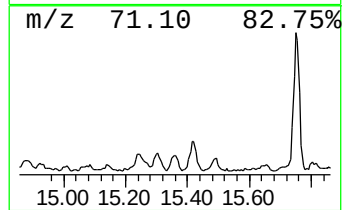
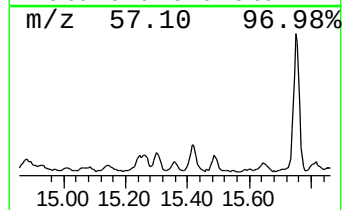
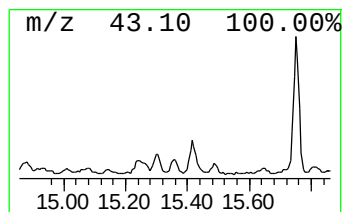
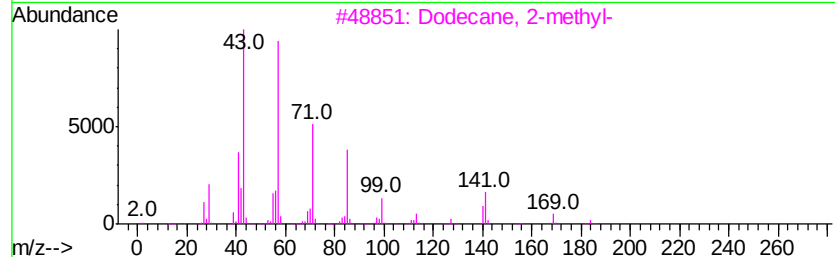
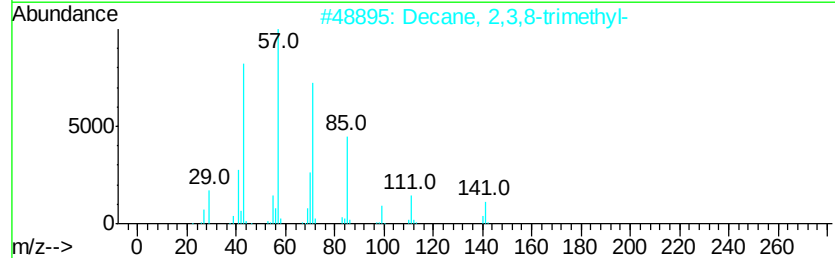
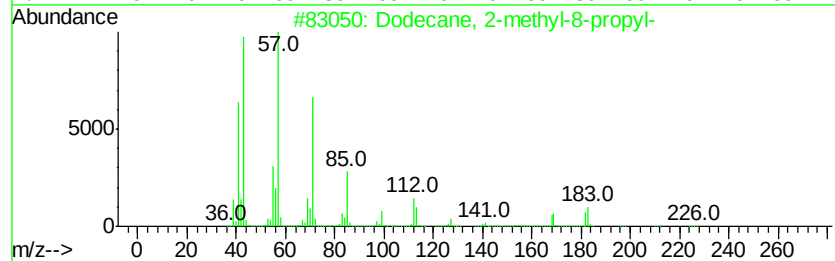
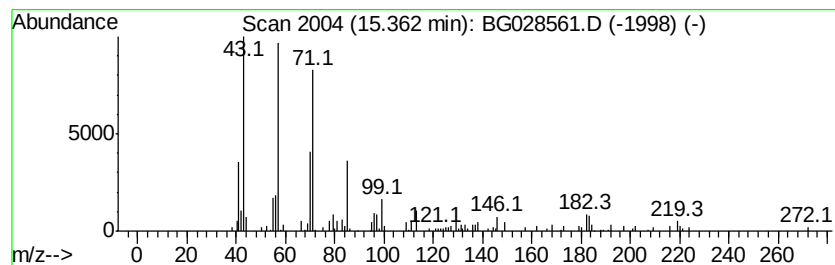
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Quant Title : SVOA CALIBRATION

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

Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	5.37 ng/ul	163000	Acenaphthene-d10	14.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	72
2			Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	59
3			Dodecane, 2-methyl-	184	C13H28	001560-97-0	58
4			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	53
5			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028561.D
Acq On : 30 Aug 2017 20:20
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Sample : I4917-07
Misc :
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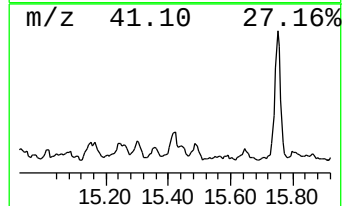
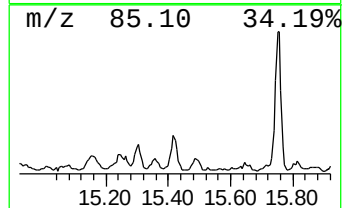
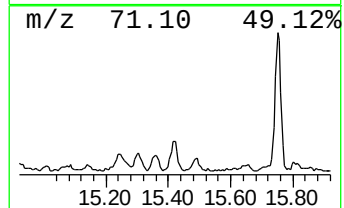
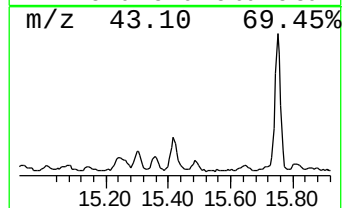
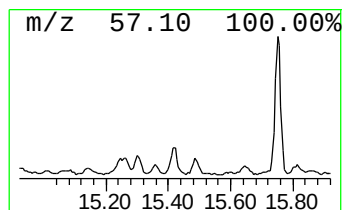
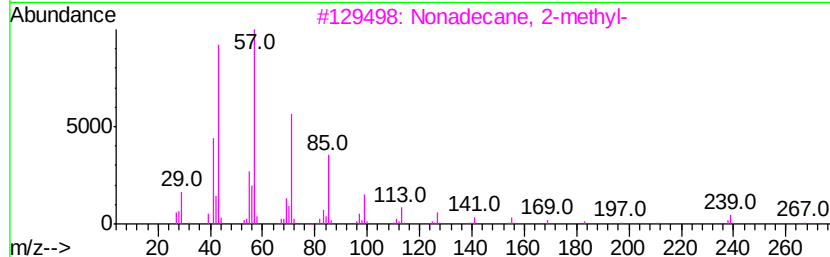
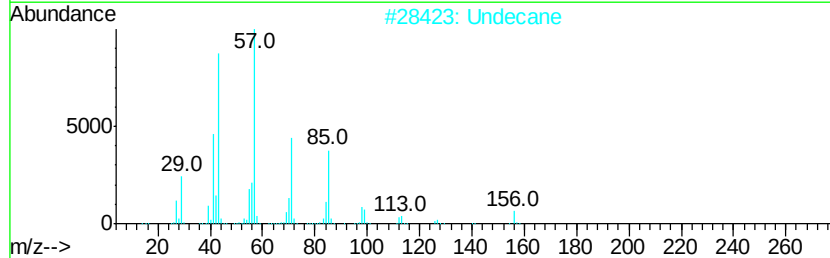
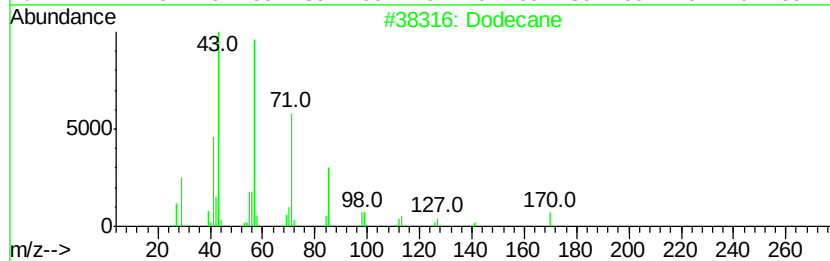
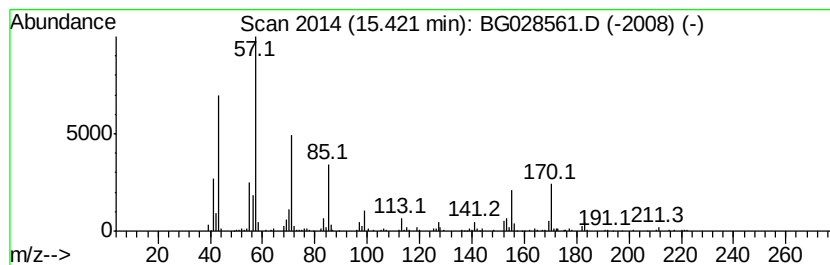
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Quant Title : SVOA CALIBRATION

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

Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	10.97 ng/ul	333285	Acenaphthene-d10	14.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	90
2		Undecane	156	C11H24	001120-21-4	76
3		Nonadecane, 2-methyl-	282	C20H42	001560-86-7	58
4		Eicosane, 2-methyl-	296	C21H44	001560-84-5	58
5		Dodecane, 2-methyl-	184	C13H28	001560-97-0	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028561.D
Acq On : 30 Aug 2017 20:20
Operator : SJ/JU
Sample : I4917-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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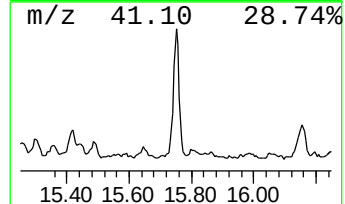
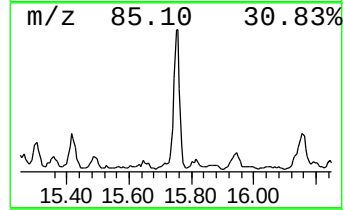
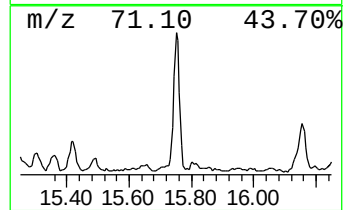
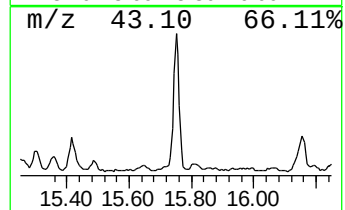
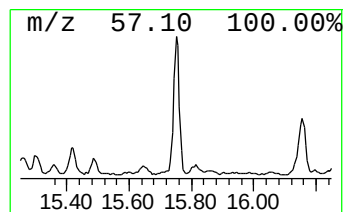
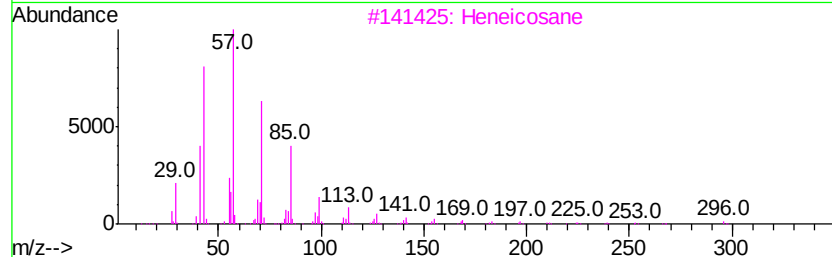
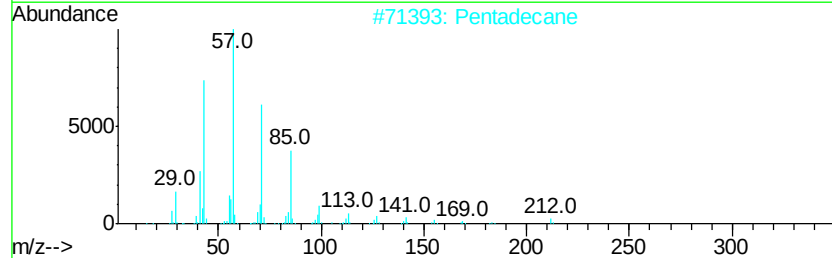
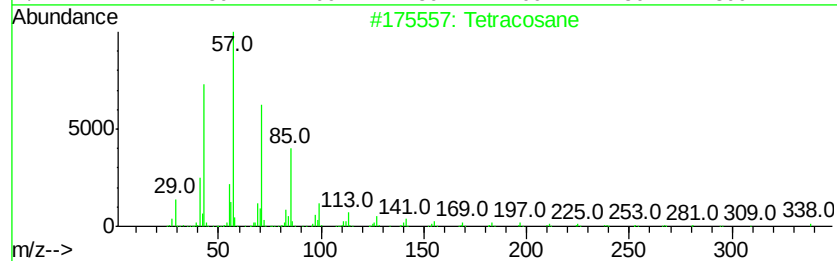
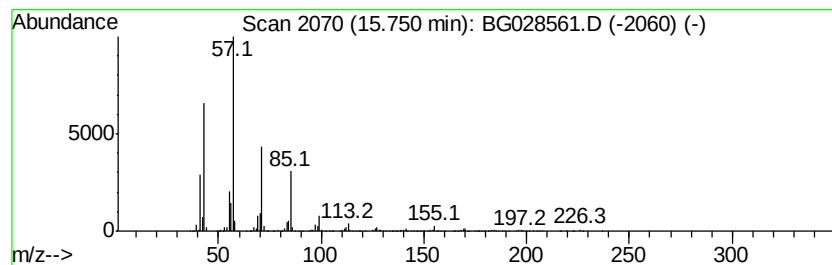
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Quant Title : SVOA CALIBRATION

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

Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	33.76 ng/ul	1025310	Acenaphthene-d10	14.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	90
2		Pentadecane	212	C15H32	000629-62-9	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Hexadecane	226	C16H34	000544-76-3	90
5		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028561.D
Acq On : 30 Aug 2017 20:20
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Sample : I4917-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

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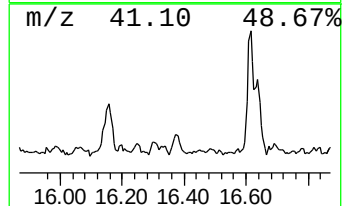
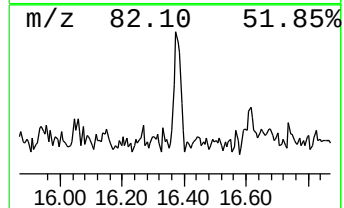
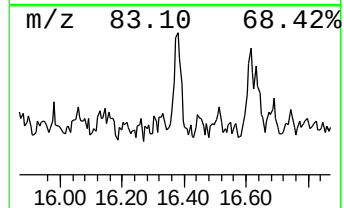
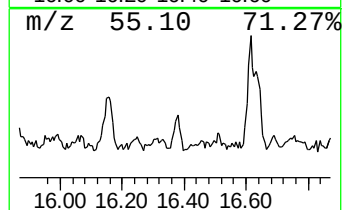
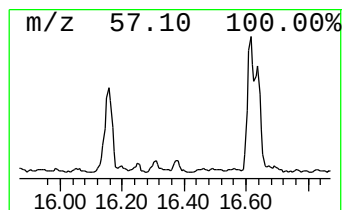
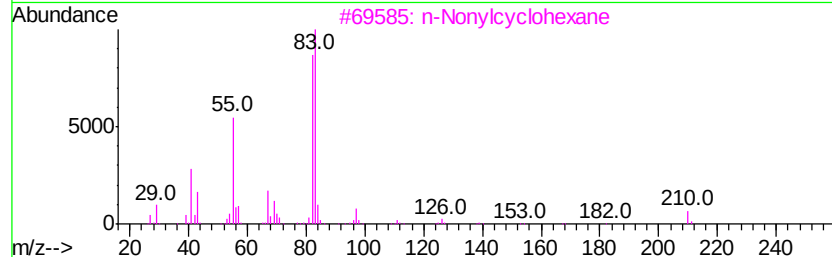
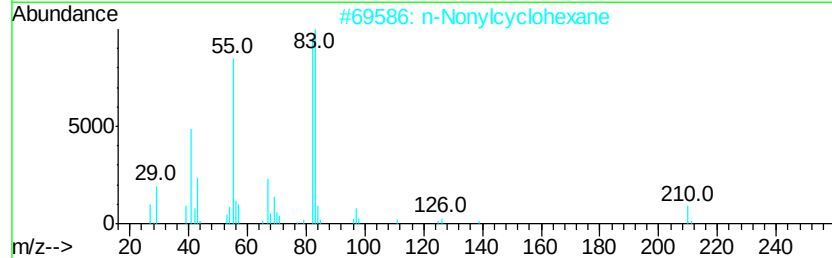
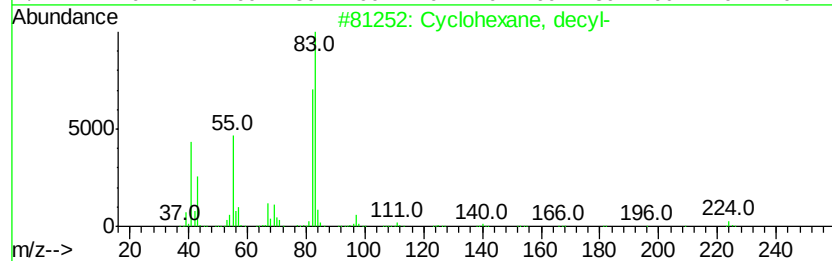
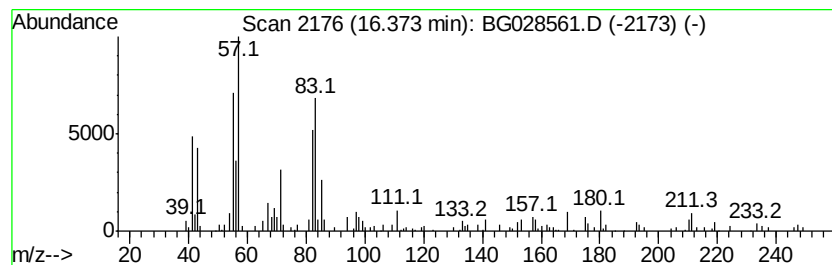
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Quant Title : SVOA CALIBRATION

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

Peak Number 55 (DEL) Alkane: Cyclic16.37 Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	3.09 ng/ul	110766	Phenanthrene-d10	17.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, decyl-	224	C16H32	001795-16-0	46
2			n-Nonylcyclohexane	210	C15H30	002883-02-5	46
3			n-Nonylcyclohexane	210	C15H30	002883-02-5	46
4			Heptylcyclohexane	182	C13H26	005617-41-4	43
5			Cyclohexane, hexyl-	168	C12H24	004292-75-5	38



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028561.D
Acq On : 30 Aug 2017 20:20
Operator : SJ/JU
Sample : I4917-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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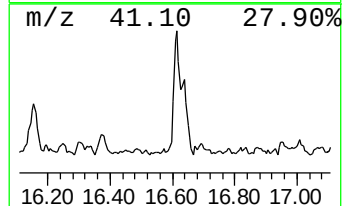
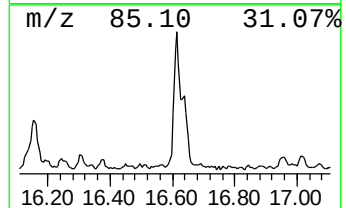
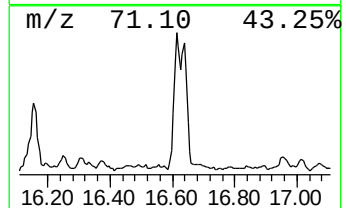
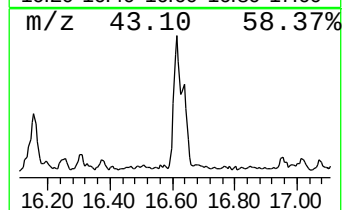
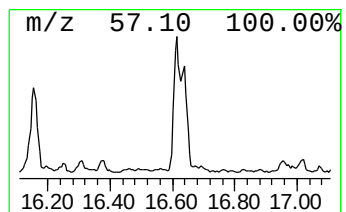
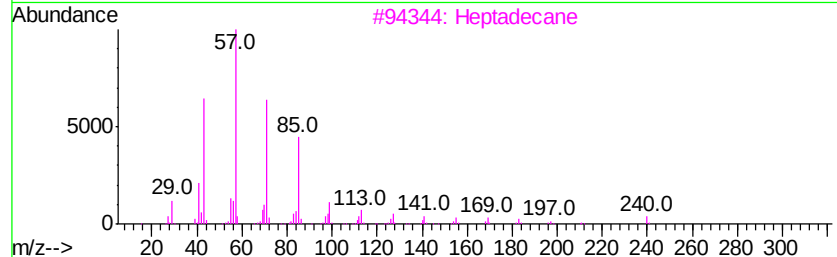
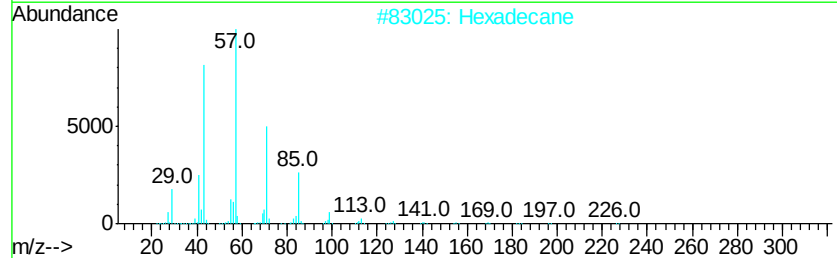
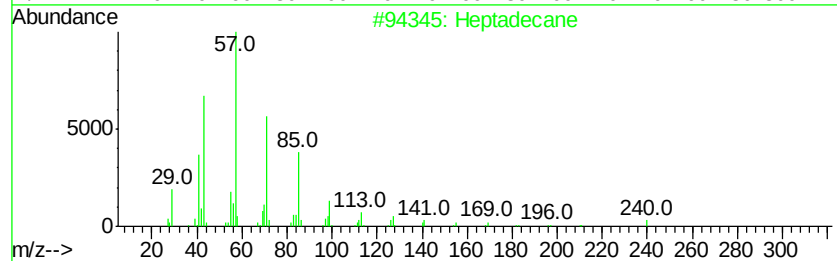
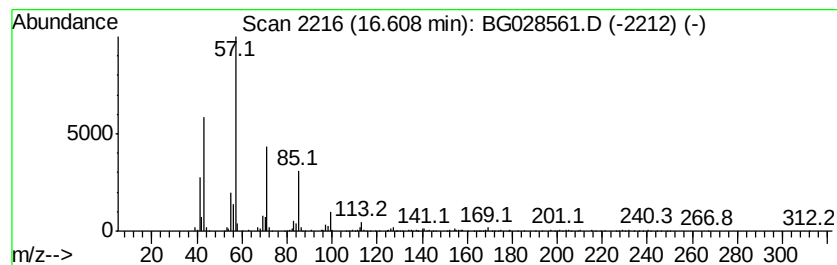
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Quant Title : SVOA CALIBRATION

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

Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.61	17.60 ng/ul	630305	Phenanthrene-d10	17.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	91
2		Hexadecane	226	C16H34	000544-76-3	90
3		Heptadecane	240	C17H36	000629-78-7	90
4		Hexadecane	226	C16H34	000544-76-3	86
5		Eicosane, 10-methyl-	296	C21H44	054833-23-7	86



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028561.D
Acq On : 30 Aug 2017 20:20
Operator : SJ/JU
Sample : I4917-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0B47

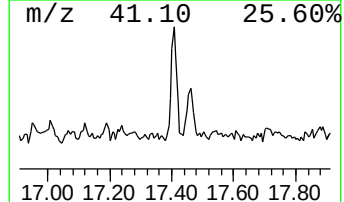
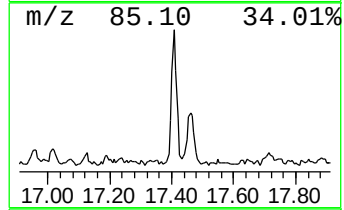
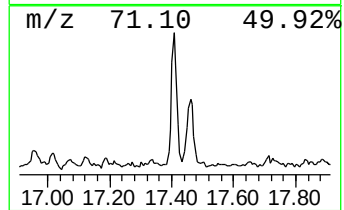
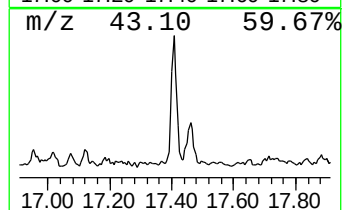
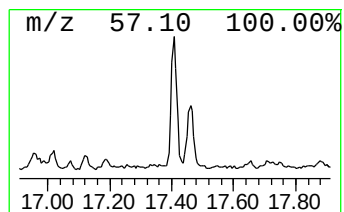
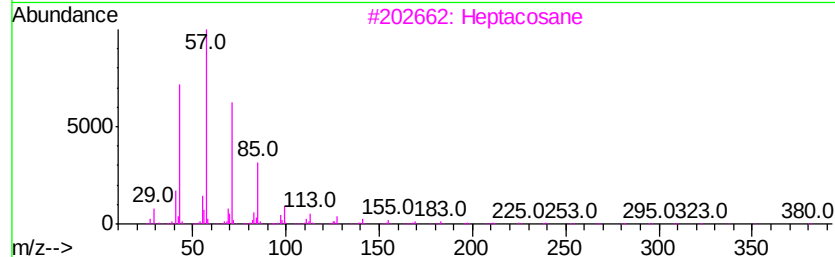
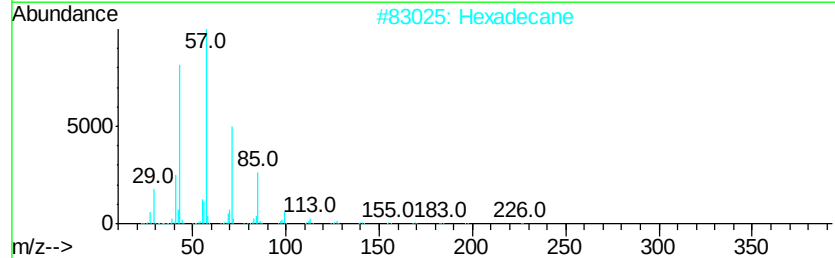
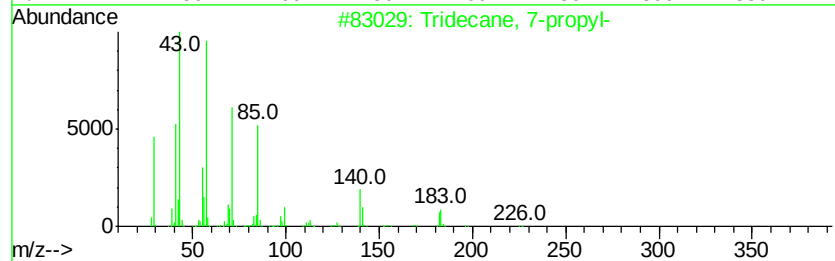
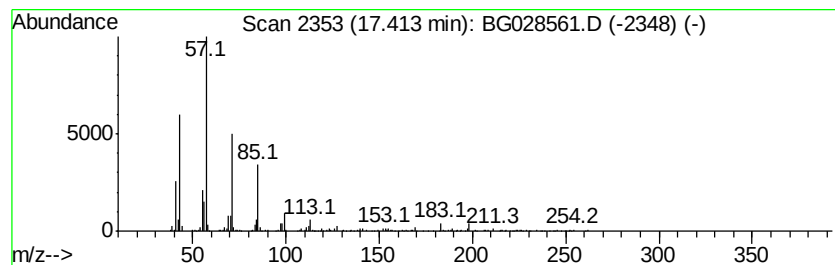
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Quant Title : SVOA CALIBRATION

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

Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.41	10.02 ng/ul	358909	Phenanthrene-d10	17.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 7-propyl-	226	C16H34	055045-09-5	90
2			Hexadecane	226	C16H34	000544-76-3	87
3			Heptacosane	380	C27H56	000593-49-7	86
4			Heptadecane, 2-methyl-	254	C18H38	001560-89-0	86
5			Tridecane, 6-propyl-	226	C16H34	055045-10-8	83



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028561.D
Acq On : 30 Aug 2017 20:20
Operator : SJ/JU
Sample : I4917-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0B47

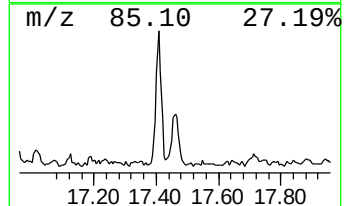
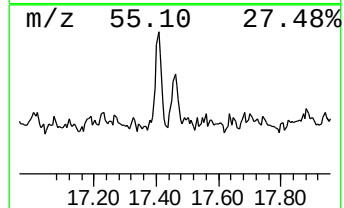
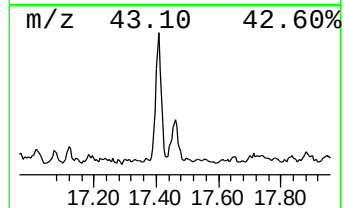
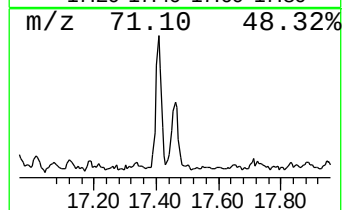
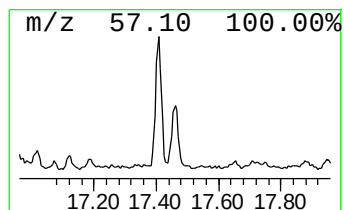
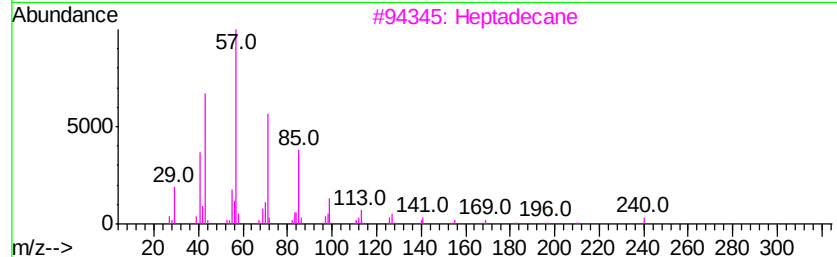
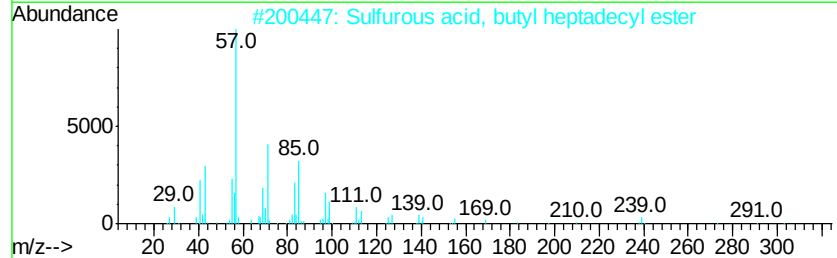
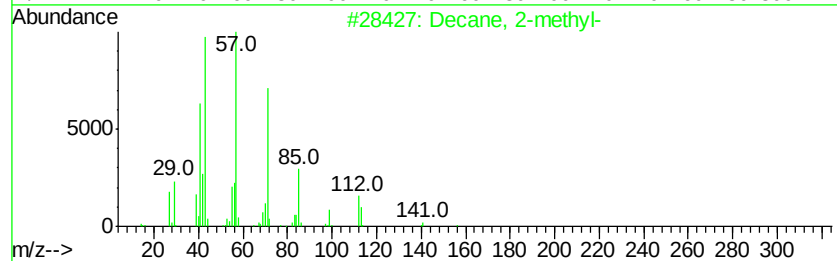
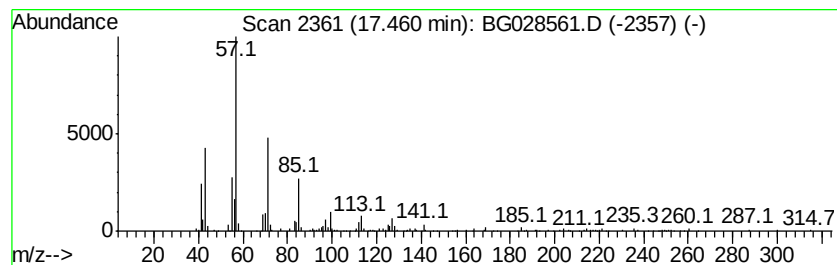
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Quant Title : SVOA CALIBRATION

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

Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.46	4.96 ng/ul	177640	Phenanthrene-d10	17.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2-methyl-	156	C11H24	006975-98-0	87
2		Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	86
3		Heptadecane	240	C17H36	000629-78-7	86
4		Hexadecane	226	C16H34	000544-76-3	80
5		Heptacosane	380	C27H56	000593-49-7	80



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028561.D
Acq On : 30 Aug 2017 20:20
Operator : SJ/JU
Sample : I4917-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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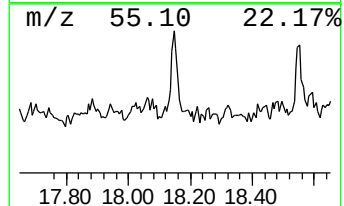
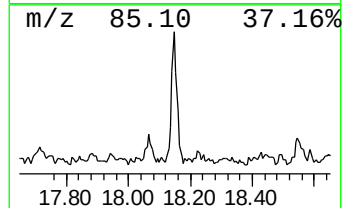
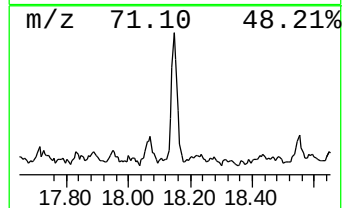
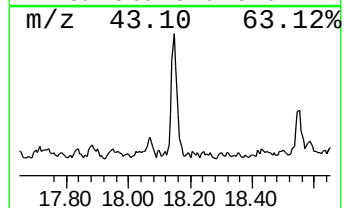
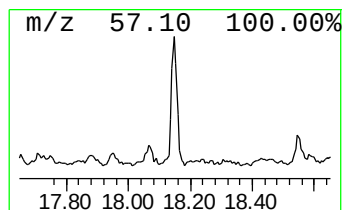
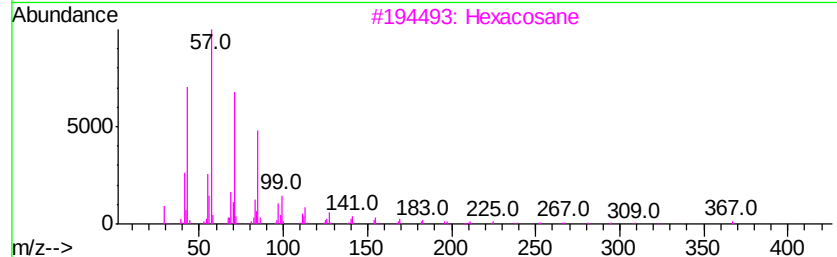
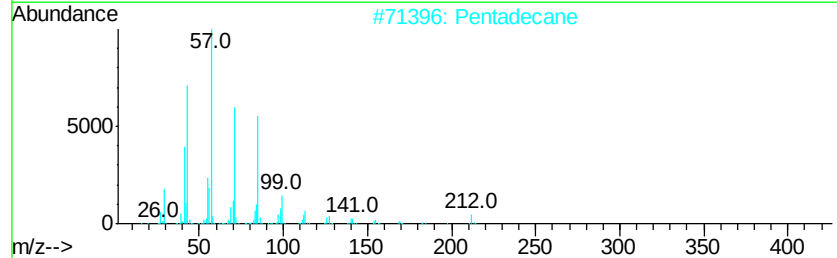
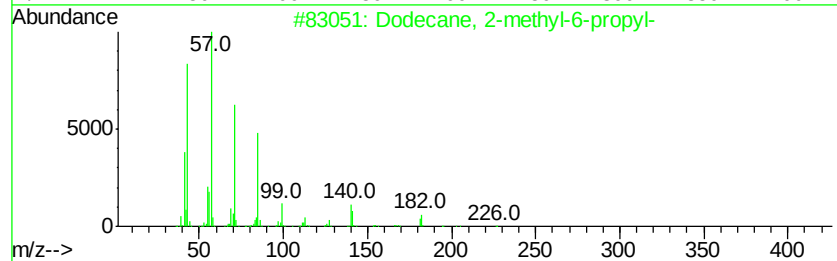
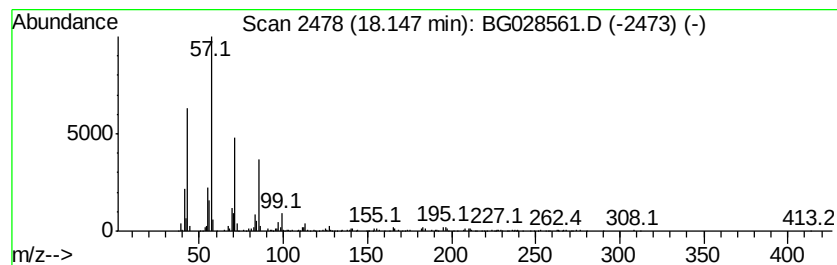
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Quant Title : SVOA CALIBRATION

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

Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	10.12 ng/ul	362336	Phenanthrene-d10	17.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
2		Pentadecane	212	C15H32	000629-62-9	83
3		Hexacosane	366	C26H54	000630-01-3	80
4		Heptacosane	380	C27H56	000593-49-7	80
5		Eicosane	282	C20H42	000112-95-8	80



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028561.D
Acq On : 30 Aug 2017 20:20
Operator : SJ/JU
Sample : I4917-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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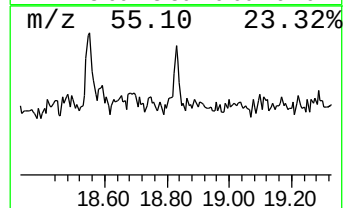
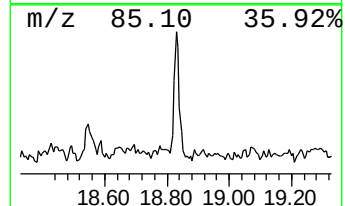
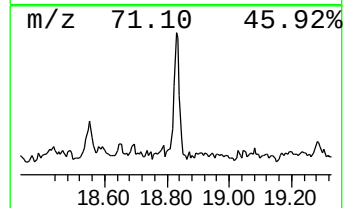
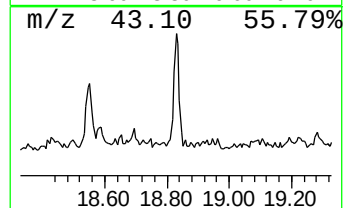
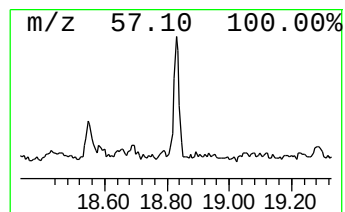
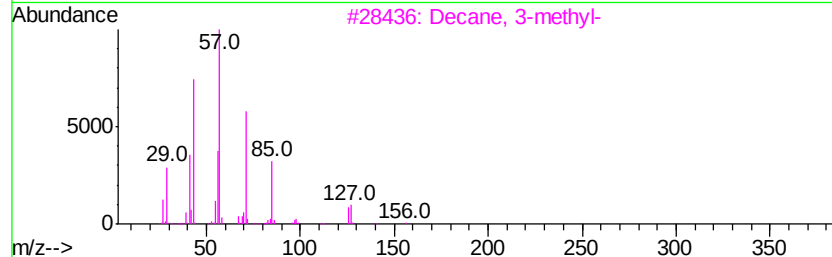
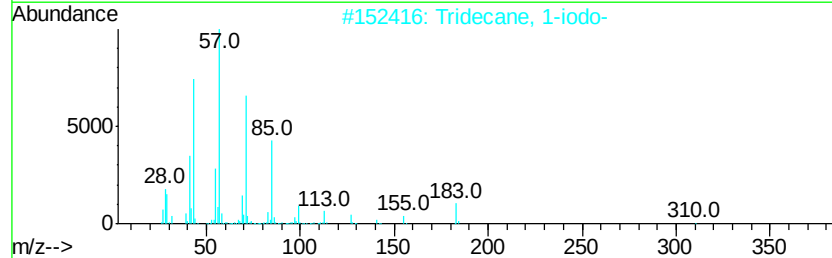
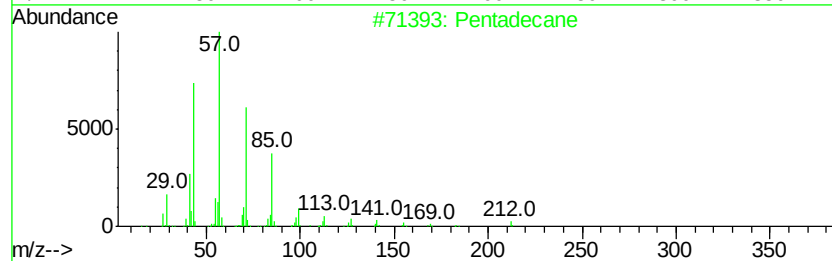
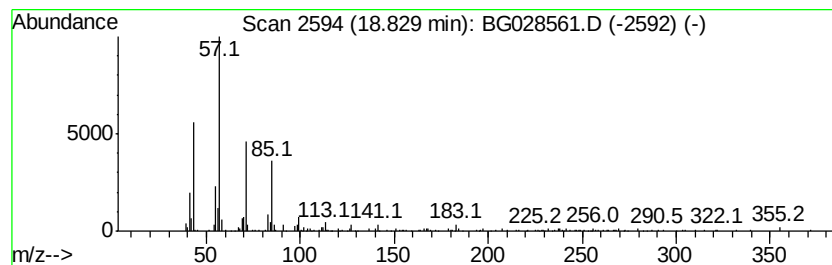
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Quant Title : SVOA CALIBRATION

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

Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	4.72 ng/ul	168906	Phenanthrene-d10	17.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	72
2			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72
3			Decane, 3-methyl-	156	C11H24	013151-34-3	72
4			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	70
5			Heptadecane	240	C17H36	000629-78-7	70



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028561.D
Acq On : 30 Aug 2017 20:20
Operator : SJ/JU
Sample : I4917-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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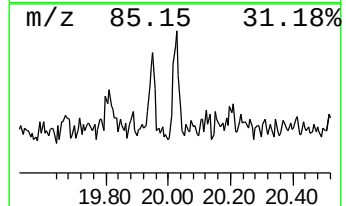
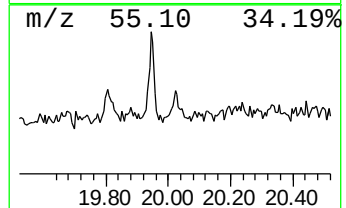
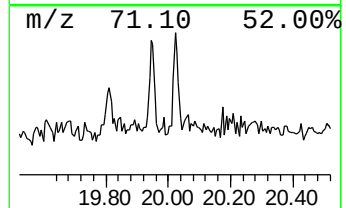
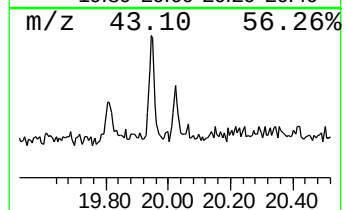
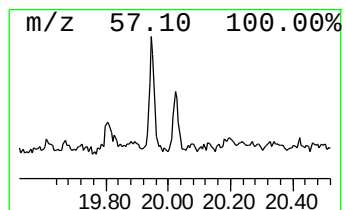
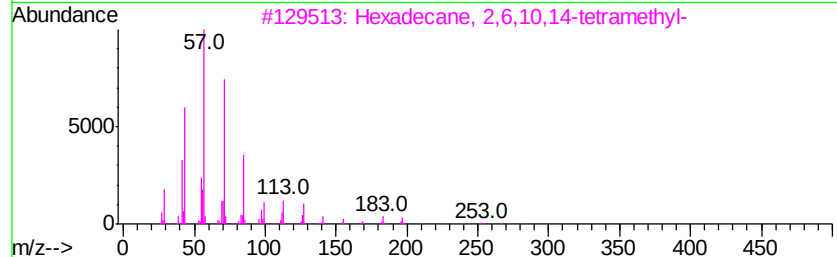
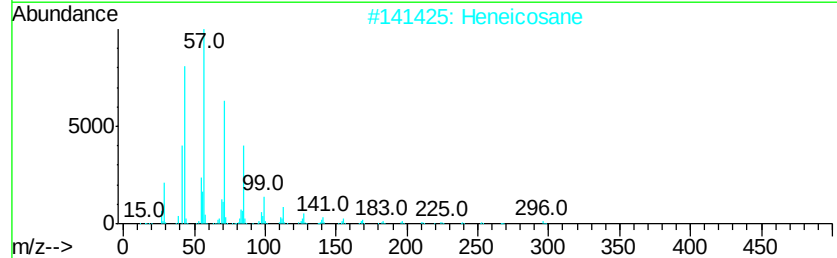
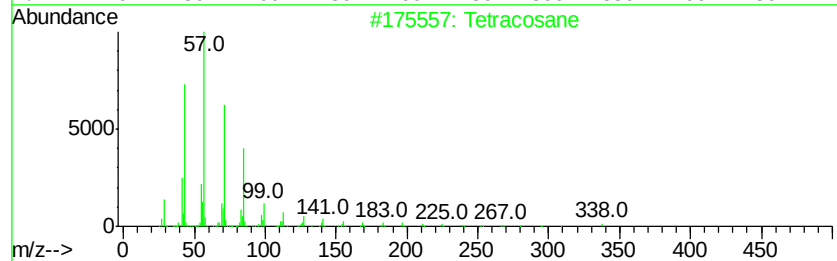
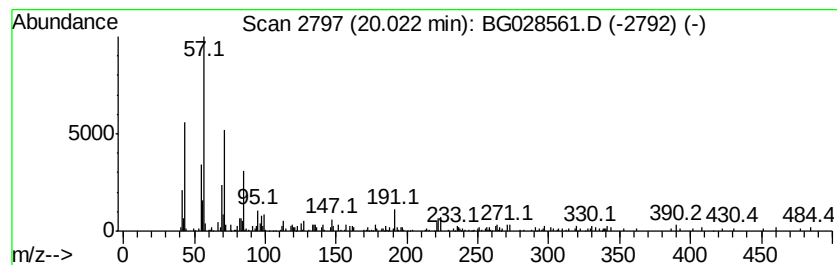
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Quant Title : SVOA CALIBRATION

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

Peak Number 71 (DEL) Alkane: Straight-Chai... Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.02	3.19 ng/ul	141738	Chrysene-d12	22.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	96
2			Heneicosane	296	C21H44	000629-94-7	94
3			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	76
4			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	76
5			Octacosane	394	C28H58	000630-02-4	76



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG083017\
 Data File : BG028561.D
 Acq On : 30 Aug 2017 20:20
 Operator : SJ/JU
 Sample : I4917-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.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...	8.29	8.9	ng/ul	169052	1	8.34	378535	20.0
Naphthalene, deca...	9.18	5.8	ng/ul	109145	1	8.34	378535	20.0
unknown-01	9.43	15.2	ng/ul	287012	1	8.34	378535	20.0
Sulfurous acid, c...	9.65	5.7	ng/ul	108373	1	8.34	378535	20.0
(DEL) Alkane: Str...	9.79	10.6	ng/ul	236262	2	11.16	447824	20.0
1-Octanol, 2-butyl-	9.89	6.7	ng/ul	149122	2	11.16	447824	20.0
(DEL) Alkane: Str...	9.96	8.6	ng/ul	193289	2	11.16	447824	20.0
cis-Decalin, 2-sy...	10.07	12.8	ng/ul	286207	2	11.16	447824	20.0
trans-Decalin, 2-...	10.33	8.5	ng/ul	190269	2	11.16	447824	20.0
(DEL) Alkane: Str...	10.37	6.5	ng/ul	144325	2	11.16	447824	20.0
(DEL) Alkane: Cyc...	10.46	6.1	ng/ul	136280	2	11.16	447824	20.0
unknown-02	10.55	7.1	ng/ul	158466	2	11.16	447824	20.0
(DEL) Alkane: Cyc...	10.73	6.6	ng/ul	146786	2	11.16	447824	20.0
(DEL) Alkane: Str...	10.85	7.2	ng/ul	160796	2	11.16	447824	20.0
1-Decanol, 2-ethyl-	11.09	8.7	ng/ul	194705	2	11.16	447824	20.0
(DEL) Alkane: Str...	11.35	11.1	ng/ul	247820	2	11.16	447824	20.0
(DEL) Alkane: Str...	11.40	5.2	ng/ul	116148	2	11.16	447824	20.0
(DEL) Alkane: Str...	11.51	7.6	ng/ul	169281	2	11.16	447824	20.0
(DEL) Alkane: Cyc...	11.63	6.8	ng/ul	152928	2	11.16	447824	20.0
unknown-03	11.84	16.9	ng/ul	378473	2	11.16	447824	20.0
unknown-04	11.95	9.2	ng/ul	205479	2	11.16	447824	20.0
(DEL) Alkane: Str...	12.03	11.7	ng/ul	262950	2	11.16	447824	20.0
(DEL) Alkane: Str...	12.13	45.5	ng/ul	1017760	2	11.16	447824	20.0
(DEL) Alkane: Cyc...	12.18	12.9	ng/ul	287672	2	11.16	447824	20.0
unknown-05	12.22	8.9	ng/ul	199971	2	11.16	447824	20.0
unknown-06	12.33	5.0	ng/ul	112232	2	11.16	447824	20.0
(DEL) Alkane: Cyc...	12.41	12.0	ng/ul	268590	2	11.16	447824	20.0
(DEL) Alkane: Str...	12.52	26.1	ng/ul	584440	2	11.16	447824	20.0
(DEL) Alkane: Str...	12.60	5.9	ng/ul	131717	2	11.16	447824	20.0
(DEL) Alkane: Cyc...	12.66	6.1	ng/ul	137185	2	11.16	447824	20.0
(DEL) Alkane: Str...	12.74	21.4	ng/ul	478182	2	11.16	447824	20.0
(DEL) Alkane: Str...	12.87	4.8	ng/ul	107968	2	11.16	447824	20.0
(DEL) Alkane: Str...	12.95	9.2	ng/ul	204871	2	11.16	447824	20.0
(DEL) Alkane: Str...	13.14	10.4	ng/ul	315416	3	14.95	607373	20.0
(DEL) Alkane: Str...	13.25	5.0	ng/ul	151861	3	14.95	607373	20.0
(DEL) Alkane: Str...	13.32	9.8	ng/ul	297707	3	14.95	607373	20.0
(DEL) Alkane: Str...	13.40	7.8	ng/ul	237369	3	14.95	607373	20.0
(DEL) Alkane: Str...	13.74	54.5	ng/ul	1653620	3	14.95	607373	20.0
(DEL) Alkane: Str...	13.82	5.9	ng/ul	178746	3	14.95	607373	20.0
(DEL) Alkane: Str...	13.89	4.2	ng/ul	126425	3	14.95	607373	20.0
unknown-07	13.98	4.2	ng/ul	126310	3	14.95	607373	20.0
(DEL) Alkane: Str...	14.13	4.3	ng/ul	130733	3	14.95	607373	20.0
(DEL) Alkane: Str...	14.26	5.4	ng/ul	164447	3	14.95	607373	20.0
(DEL) Alkane: Str...	14.51	6.5	ng/ul	199045	3	14.95	607373	20.0
(DEL) Alkane: Str...	14.80	47.9	ng/ul	1455200	3	14.95	607373	20.0
(DEL) Alkane: Str...	15.24	6.7	ng/ul	203670	3	14.95	607373	20.0
(DEL) Alkane: Str...	15.30	3.9	ng/ul	117903	3	14.95	607373	20.0
(DEL) Alkane: Str...	15.36	5.4	ng/ul	163000	3	14.95	607373	20.0
(DEL) Alkane: Str...	15.42	11.0	ng/ul	333285	3	14.95	607373	20.0

(DEL)	Alkane: Str...	15.75	33.8	ng/ul	1025310	3	14.95	607373	20.0
(DEL)	Alkane: Cyc...	16.37	3.1	ng/ul	110766	4	17.71	716161	20.0
(DEL)	Alkane: Str...	16.61	17.6	ng/ul	630305	4	17.71	716161	20.0
(DEL)	Alkane: Str...	17.41	10.0	ng/ul	358909	4	17.71	716161	20.0
(DEL)	Alkane: Str...	17.46	5.0	ng/ul	177640	4	17.71	716161	20.0
(DEL)	Alkane: Str...	18.15	10.1	ng/ul	362336	4	17.71	716161	20.0
(DEL)	Alkane: Str...	18.83	4.7	ng/ul	168906	4	17.71	716161	20.0
(DEL)	Alkane: Str...	20.02	3.2	ng/ul	141738	5	22.04	889307	20.0

Instrument :
BNA_G
ClientSampleId :
B0B47