

Data Path : Z:\HPCHEM1\BNA G\Data\BG121516\
 Data File : BG025244.D
 Acq On : 16 Dec 2016 12:21
 Operator : UM/SJ
 Sample : H5970-22
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA861

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\SOM02.2-EPA-BG113016.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	7.397	763	776	793	rVB3	350199	854612	7.39%	0.353%
2	7.767	823	839	850	rVB	315031	672438	5.82%	0.278%
3	8.272	922	925	932	rVV	387684	642566	5.56%	0.266%
4	8.948	1033	1040	1047	rBV	402692	749866	6.49%	0.310%
5	9.424	1113	1121	1127	rVV2	444771	852393	7.37%	0.353%
6	10.141	1226	1243	1251	rVV7	390280	1098317	9.50%	0.454%
7	10.223	1251	1257	1271	rBV7	286791	901998	7.80%	0.373%
8	10.693	1330	1337	1342	rBV	441516	846671	7.32%	0.350%
9	10.981	1381	1386	1395	rVV6	302221	748643	6.48%	0.310%
10	11.069	1395	1401	1412	rVB4	521805	1513379	13.09%	0.626%
11	11.169	1413	1418	1426	rBV5	396966	821712	7.11%	0.340%
12	11.463	1464	1468	1474	rVB4	342351	598616	5.18%	0.248%
13	11.739	1508	1515	1525	rVB10	442186	1535443	13.28%	0.635%
14	11.862	1525	1536	1537	rBV9	291235	813276	7.03%	0.336%
15	11.962	1544	1553	1557	rBV8	338106	823920	7.13%	0.341%
16	12.027	1558	1564	1568	rBV3	565931	963545	8.33%	0.399%
17	12.079	1568	1573	1577	rBV4	553874	1057161	9.14%	0.437%
18	12.132	1578	1582	1590	rVB6	541299	1201057	10.39%	0.497%
19	12.303	1604	1611	1619	rBV7	348497	1157573	10.01%	0.479%
20	12.420	1625	1631	1638	rBV3	740897	1383045	11.96%	0.572%
21	12.514	1638	1647	1651	rBV10	289855	939951	8.13%	0.389%
22	12.638	1661	1668	1675	rVB10	541212	1641495	14.20%	0.679%
23	12.708	1676	1680	1683	rBV	524039	845065	7.31%	0.350%
24	12.755	1684	1688	1696	rVB7	609973	1502826	13.00%	0.622%
25	12.832	1696	1701	1713	rBV7	572533	2334630	20.19%	0.966%
26	12.926	1713	1717	1722	rVB	626620	1058039	9.15%	0.438%
27	13.055	1734	1739	1744	rBV7	462780	998006	8.63%	0.413%
28	13.108	1745	1748	1756	rVB8	328988	864541	7.48%	0.358%
29	13.219	1761	1767	1771	rBV9	600613	1228377	10.62%	0.508%
30	13.302	1775	1781	1785	rVB5	963942	1590672	13.76%	0.658%
31	13.354	1786	1790	1802	rVB6	1109382	2482218	21.47%	1.027%
32	13.460	1803	1808	1813	rBV	800690	1264312	10.94%	0.523%
33	13.642	1831	1839	1846	rBV3	2368227	5421007	46.89%	2.242%
34	13.730	1851	1854	1862	rBV8	518622	1371873	11.87%	0.567%

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35	14.048	1900	1908	1915	rBV6	1351673	3459888	29.93%	1.431%
36	14.195	1925	1933	1938	rBV2	2463870	6101828	52.78%	2.524%
37	14.277	1938	1947	1955	rVB5	4578638	10955781	94.76%	4.531%
38	14.389	1963	1966	1968	rBV2	499512	662080	5.73%	0.274%
39	14.424	1969	1972	1975	rVB	720459	846182	7.32%	0.350%
40	14.594	1990	2001	2005	rBV3	3302187	7350176	63.58%	3.040%
41	14.635	2005	2008	2011	rVV4	798619	1232256	10.66%	0.510%
42	14.682	2011	2016	2025	rVB2	3958177	7281073	62.98%	3.011%
43	14.823	2036	2040	2046	rBV6	1763142	3211482	27.78%	1.328%
44	14.911	2051	2055	2058	rBV3	801231	1446022	12.51%	0.598%
45	14.994	2066	2069	2075	rVB4	1095638	1801117	15.58%	0.745%
46	15.064	2076	2081	2089	rVV3	1027889	2684608	23.22%	1.110%
47	15.152	2090	2096	2102	rBV4	1240351	3044535	26.33%	1.259%
48	15.252	2108	2113	2122	rVB5	1674499	3487693	30.17%	1.443%
49	15.335	2122	2127	2134	rVB3	2190500	3634622	31.44%	1.503%
50	15.476	2145	2151	2157	rBV2	2519453	6300830	54.50%	2.606%
51	15.528	2157	2160	2164	rVB2	1077550	1522996	13.17%	0.630%
52	15.634	2172	2178	2185	rBV5	3697012	8604073	74.42%	3.559%
53	15.787	2201	2204	2212	rVB4	1269975	2638145	22.82%	1.091%
54	15.863	2213	2217	2219	rBV	1116868	1464163	12.66%	0.606%
55	15.899	2220	2223	2229	rVV2	1265535	2071874	17.92%	0.857%
56	16.057	2244	2250	2255	rVB3	1845356	4047722	35.01%	1.674%
57	16.110	2256	2259	2264	rVB5	630334	956411	8.27%	0.396%
58	16.163	2265	2268	2270	rBV4	508827	760268	6.58%	0.314%
59	16.351	2297	2300	2306	rVB4	693476	901566	7.80%	0.373%
60	16.410	2307	2310	2314	rVB2	874410	1131871	9.79%	0.468%
61	16.457	2314	2318	2324	rVB6	896576	1573899	13.61%	0.651%
62	16.533	2324	2331	2345	rBV5	3019845	10773320	93.19%	4.456%
63	16.715	2357	2362	2365	rBV2	908946	1651792	14.29%	0.683%
64	16.909	2388	2395	2400	rVB7	1568482	4046434	35.00%	1.674%
65	16.968	2401	2405	2411	rBV2	2093166	3972434	34.36%	1.643%
66	17.074	2419	2423	2427	rBV5	681188	1215997	10.52%	0.503%
67	17.256	2452	2454	2459	rBV4	605052	865957	7.49%	0.358%
68	17.303	2459	2462	2466	rVV2	1607990	1929528	16.69%	0.798%
69	17.356	2466	2471	2476	rVB4	1884481	2901868	25.10%	1.200%
70	17.444	2483	2486	2495	rVB5	1391903	2783971	24.08%	1.151%
71	17.667	2520	2524	2528	rBV	981638	1507522	13.04%	0.624%

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72	17.790	2539	2545	2552	rBV2	5750664	11561208	100.00%	4.782%
73	18.002	2579	2581	2584	rBV3	528053	720858	6.24%	0.298%
74	18.043	2584	2588	2596	rVB2	2100503	3217907	27.83%	1.331%
75	18.460	2656	2659	2661	rBV3	749889	945661	8.18%	0.391%
76	18.619	2683	2686	2689	rBV4	749861	939477	8.13%	0.389%
77	18.672	2691	2695	2701	rBV3	969857	2608274	22.56%	1.079%
78	18.725	2701	2704	2714	rVB2	2402654	3314102	28.67%	1.371%
79	19.195	2780	2784	2791	rBV7	853530	1828689	15.82%	0.756%
80	19.300	2799	2802	2806	rVB4	860191	1220670	10.56%	0.505%
81	19.347	2807	2810	2813	rBV	1596922	1698497	14.69%	0.702%
82	19.389	2813	2817	2821	rVB	1150139	1675505	14.49%	0.693%
83	19.706	2868	2871	2875	rBV5	537125	776996	6.72%	0.321%
84	19.841	2891	2894	2896	rBV3	508303	743396	6.43%	0.307%
85	19.917	2904	2907	2914	rVB3	2124925	2932685	25.37%	1.213%
86	19.994	2915	2920	2930	rVB3	1978507	4841584	41.88%	2.002%
87	20.446	2994	2997	3005	rVB	1367816	1814464	15.69%	0.750%
88	20.946	3075	3082	3084	rBV3	1372538	3031727	26.22%	1.254%
89	21.463	3164	3170	3182	rVB3	1379183	3438789	29.74%	1.422%
90	21.915	3243	3247	3253	rVB	1106810	1974939	17.08%	0.817%
91	22.015	3260	3264	3275	rVB9	836914	1707365	14.77%	0.706%
92	22.796	3392	3397	3403	rVB	1404651	2699332	23.35%	1.116%
93	23.360	3488	3493	3507	rVB3	1712951	4834147	41.81%	1.999%
94	23.584	3528	3531	3540	rVB2	701418	1397692	12.09%	0.578%
95	24.677	3713	3717	3727	rVB2	555341	1375756	11.90%	0.569%
96	25.129	3787	3794	3802	rVB4	844593	2251950	19.48%	0.931%
97	25.922	3923	3929	3946	rVB4	934450	3045721	26.34%	1.260%
98	26.386	4001	4008	4019	rVB4	551683	1847344	15.98%	0.764%
99	26.574	4033	4040	4053	rVB7	962487	2921519	25.27%	1.208%
100	27.215	4140	4149	4169	rVB8	1643874	6812435	58.92%	2.818%

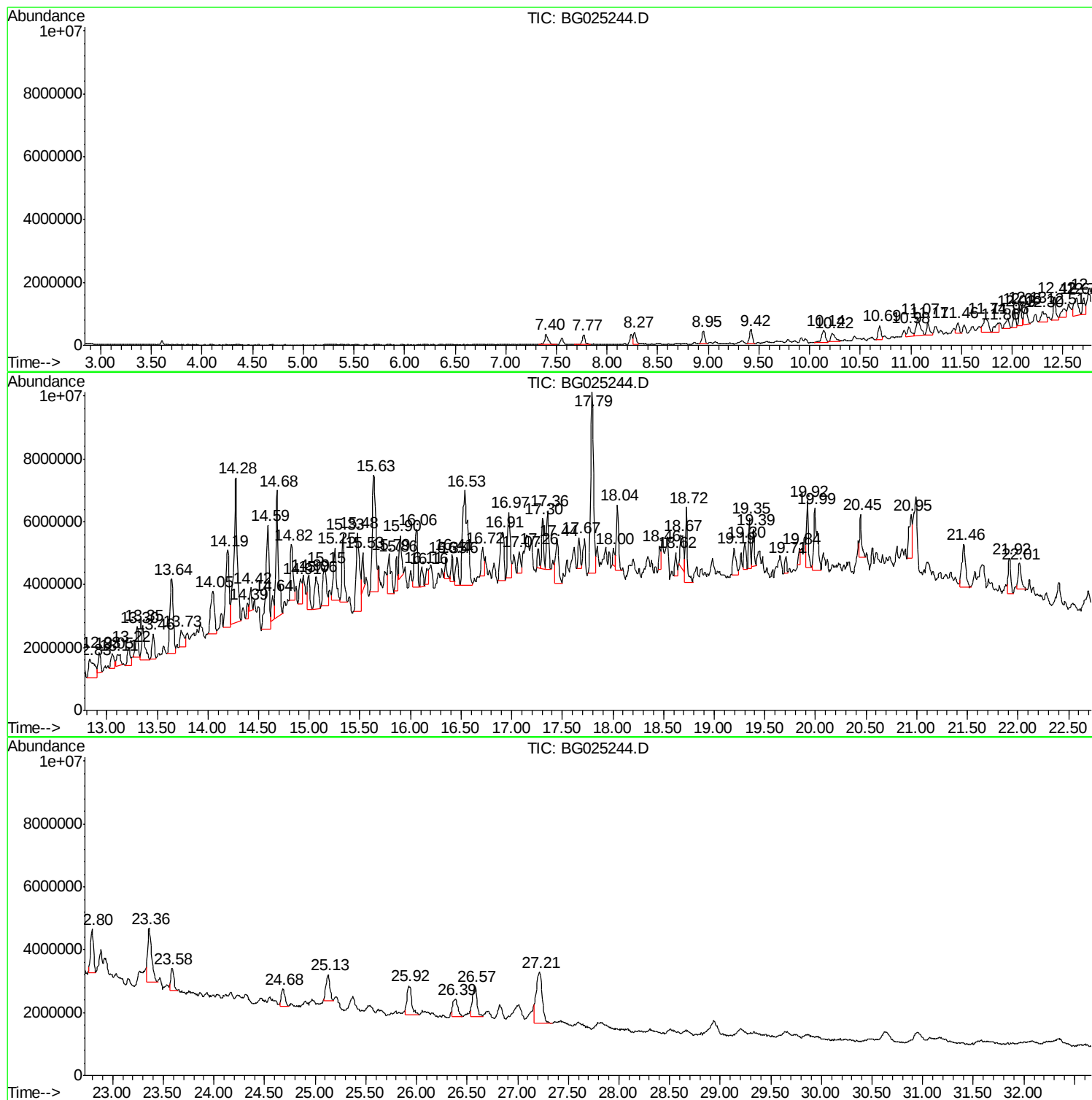
Sum of corrected areas: 241779916

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Instrument :
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ClientSampleId :
DA861

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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



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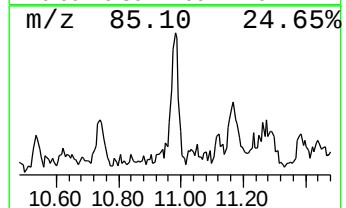
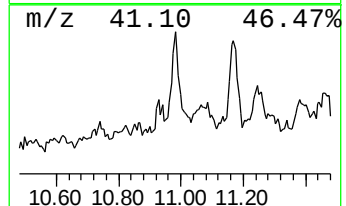
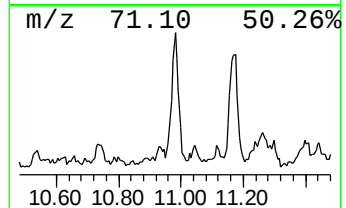
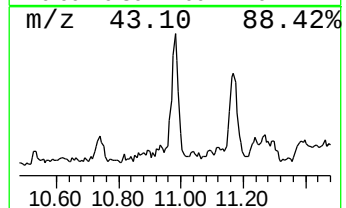
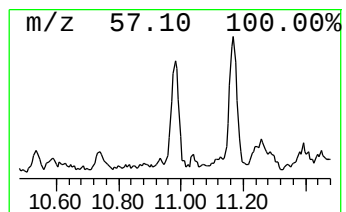
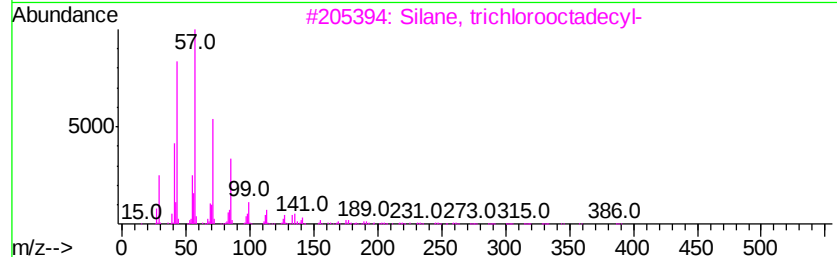
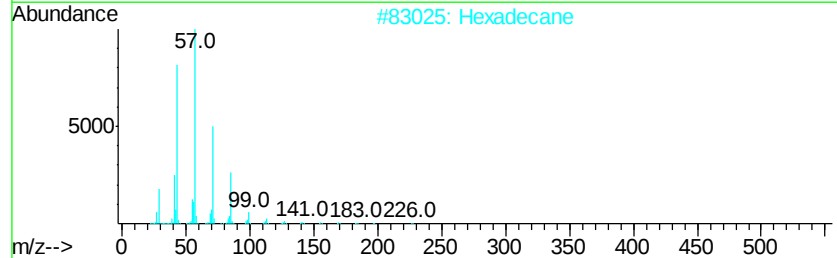
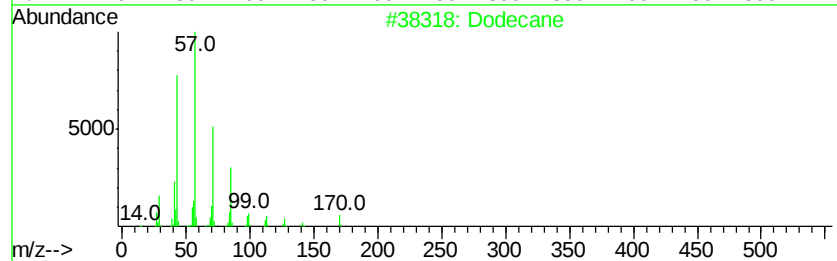
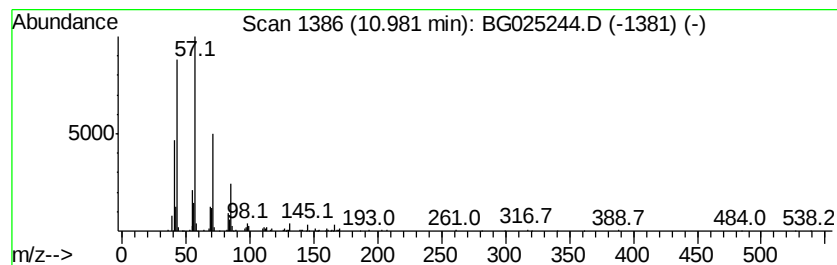
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	9.89 ng/ul	748643	Napthalene-d8	11.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	74
2		Hexadecane	226	C16H34	000544-76-3	64
3		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	59
4		Tridecane	184	C13H28	000629-50-5	59
5		Tetracosane	338	C24H50	000646-31-1	59



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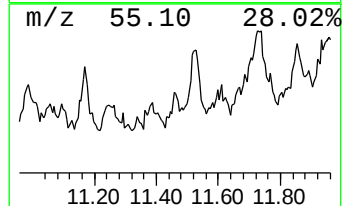
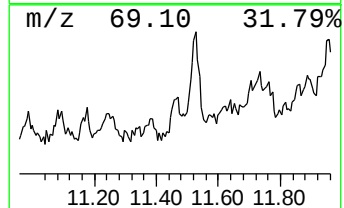
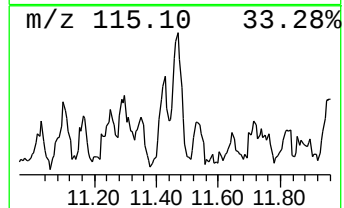
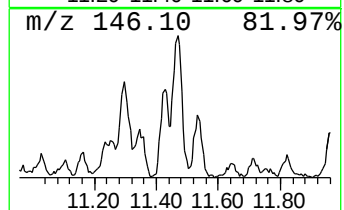
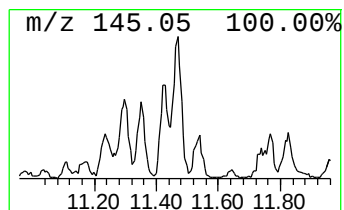
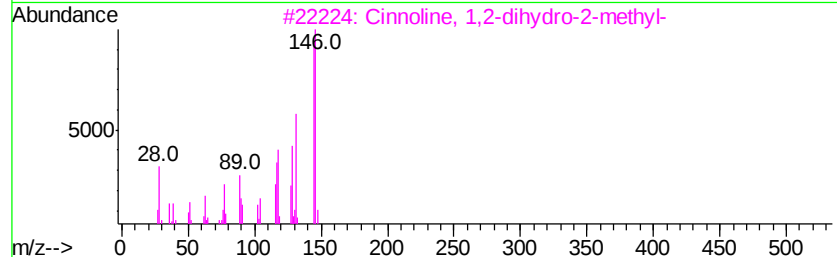
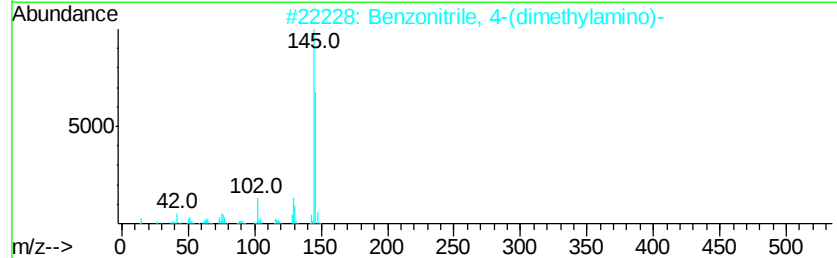
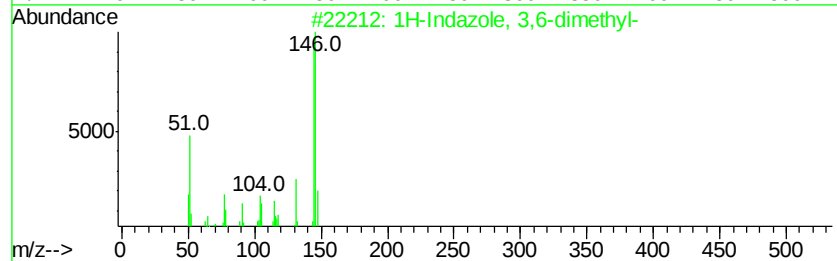
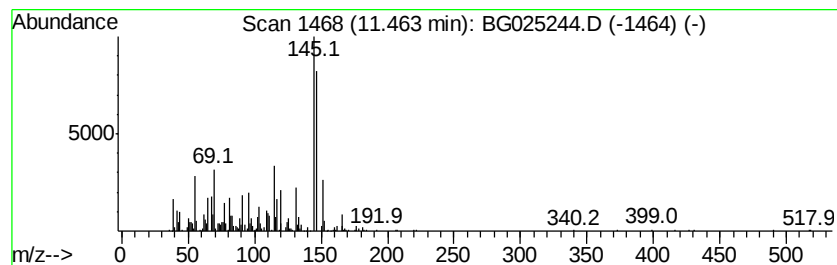
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TIC Integration Parameters: LSCINT.P

Peak Number 2 1H-Indazole, 3,6-dimethyl- Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	7.91 ng/ul	598616	Napthalene-d8	11.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1H-Indazole, 3,6-dimethyl-	146 C9H10N2	007746-28-3	53
2	Benzonitrile, 4-(dimethylamino)-	146 C9H10N2	001197-19-9	43
3	Cinnoline, 1,2-dihydro-2-methyl-	146 C9H10N2	054063-10-4	38
4	1H-Indazole, 5,7-dimethyl-	146 C9H10N2	043067-41-0	32
5	1,2-Dimethylbenzimidazole	146 C9H10N2	002876-08-6	30



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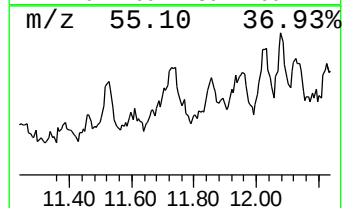
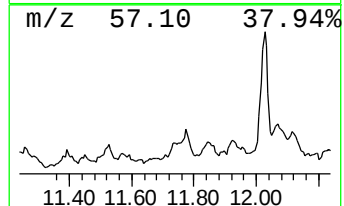
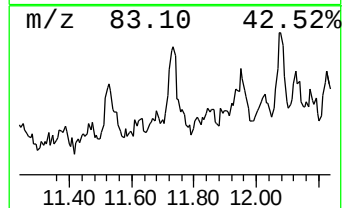
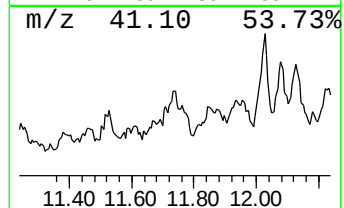
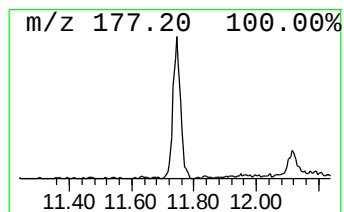
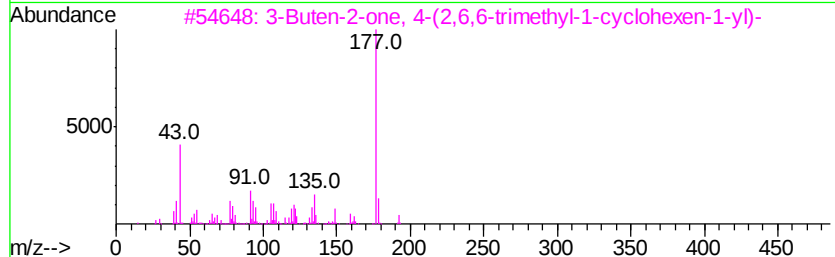
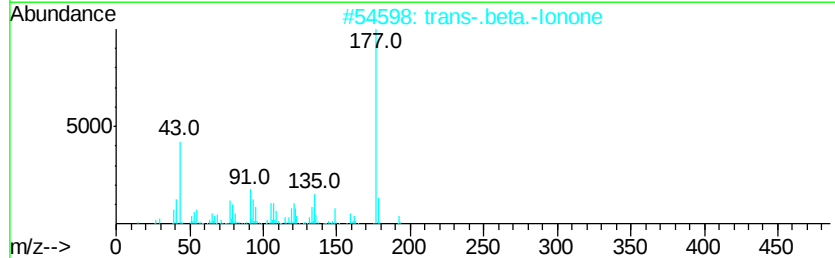
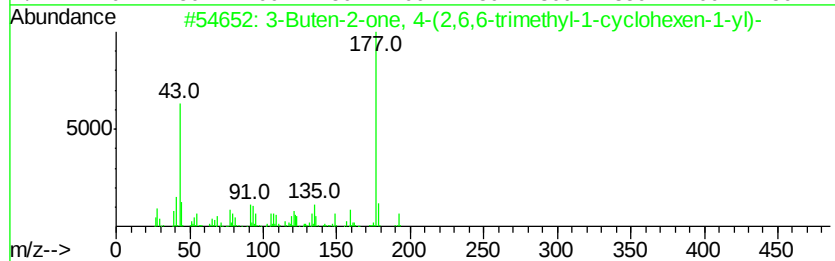
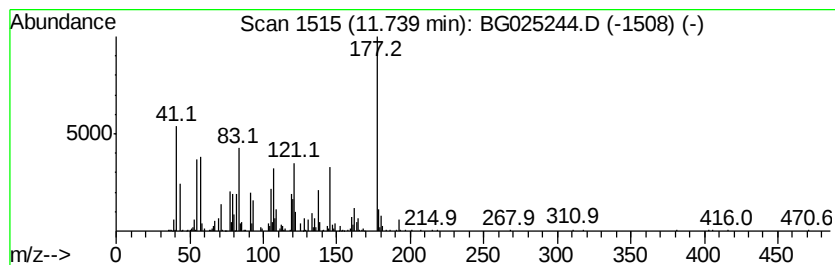
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Peak Number 3 unknown-01 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	20.29 ng/ul	1535440	Napthalene-d8	11.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Buten-2-one, 4-(2,6,6-trimethv...	192	C13H20O	014901-07-6	46
2		trans-.beta.-Ionone	192	C13H20O	000079-77-6	43
3		3-Buten-2-one, 4-(2,6,6-trimethv...	192	C13H20O	014901-07-6	43
4		1,3,5,6-Tetramethyladamantane	192	C14H24	034694-70-7	38
5		1,3,5,7-Tetramethyl-adamantane	192	C14H24	001687-36-1	38



Data Path : Z:\HPCHEM1\BNA G\Data\BG121516\
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Operator : UM/SJ
Sample : H5970-22
Misc :
ALS Vial : 34 Sample Multiplier: 1

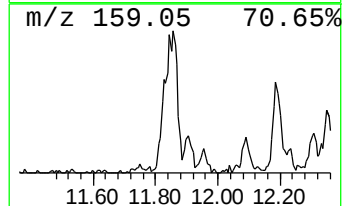
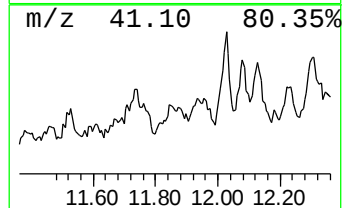
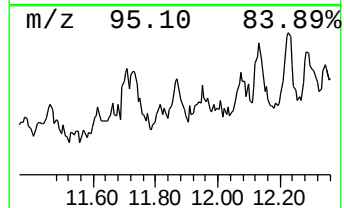
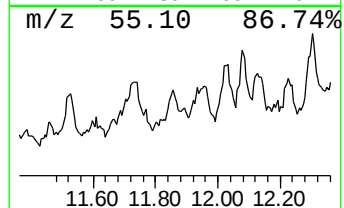
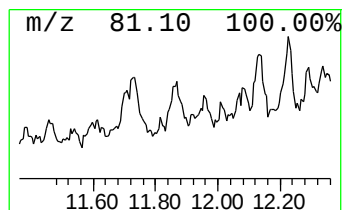
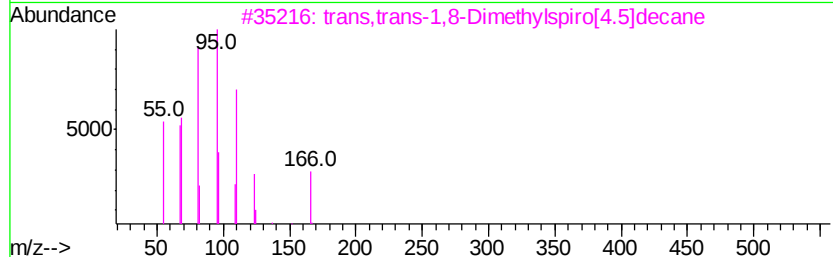
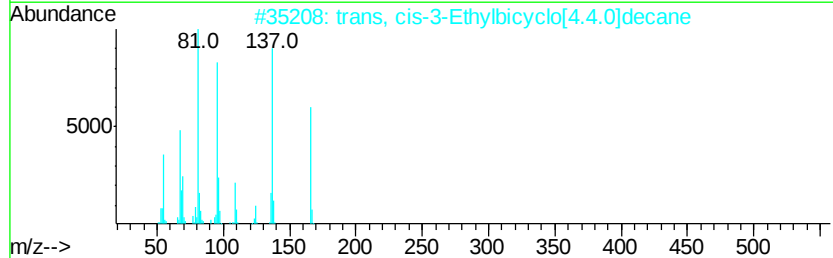
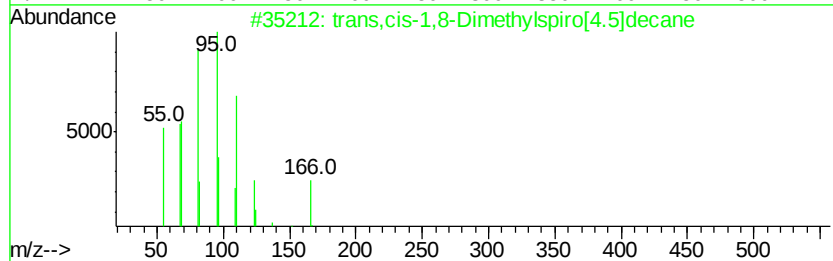
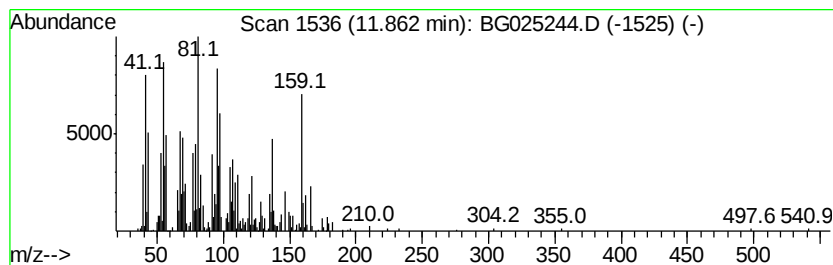
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 unknown-02 Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	10.75 ng/ul	813276	Napthalene-d8	11.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	trans,cis-1,8-Dimethylspiro[4.5]...	166 C12H22	1000111-72-9	46
2	trans, cis-3-Ethylbicyclo[4.4.0]...	166 C12H22	066660-43-3	46
3	trans,trans-1,8-Dimethylspiro[4....	166 C12H22	1000111-72-8	45
4	Furan, 2-ethyl-	96 C6H8O	003208-16-0	43
5	1,3,7-Octatriene, 2,7-dimethyl-	136 C10H16	036638-38-7	41



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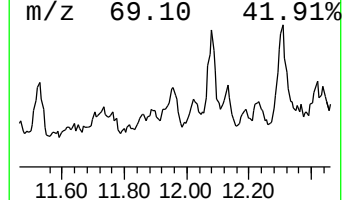
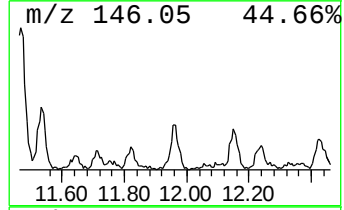
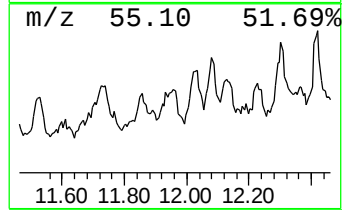
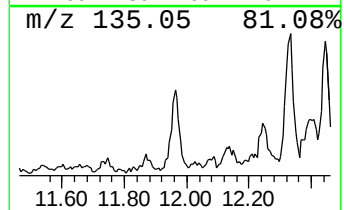
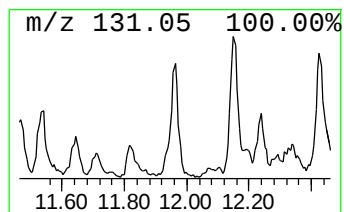
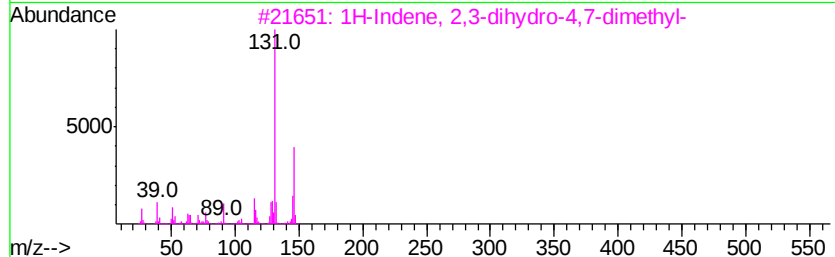
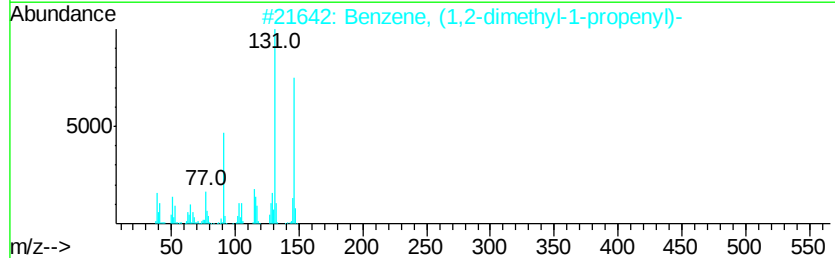
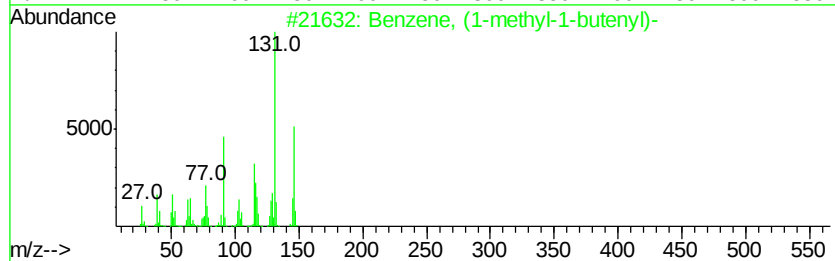
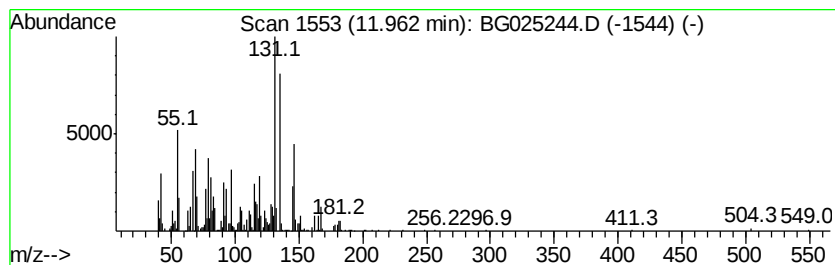
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzene, (1-methyl-1-butenyl)- Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	10.89 ng/ul	823920	Napthalene-d8	11.07

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	64
2		Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	53
3		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	50
4		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	50
5		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	50



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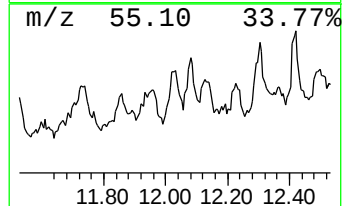
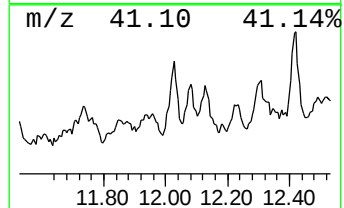
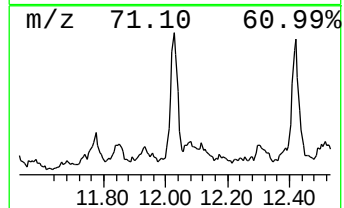
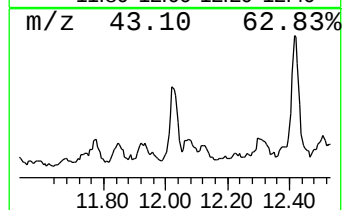
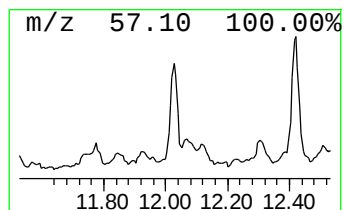
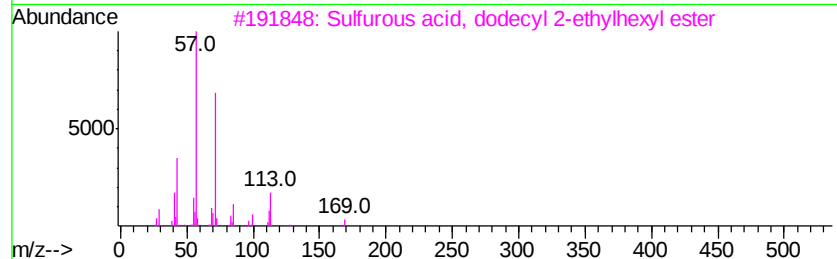
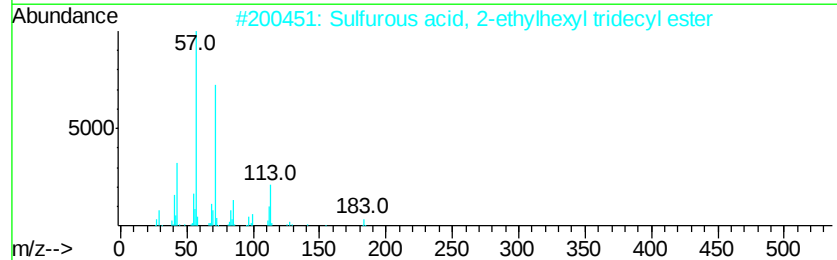
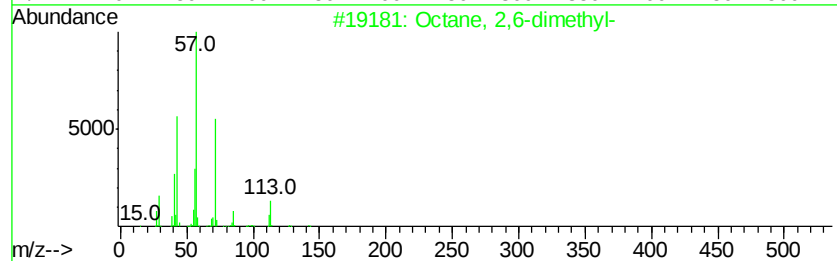
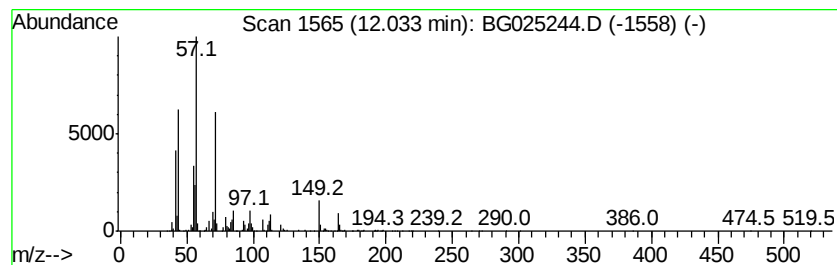
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	12.73 ng/ul	963545	Napthalene-d8	11.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
2		Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	52
3		Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	50
4		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	50
5		Sulfurous acid, 2-ethylhexyl tet...	390	C22H46O3S	1000309-19-7	47



Data Path : Z:\HPCHEM1\BNA G\Data\BG121516\
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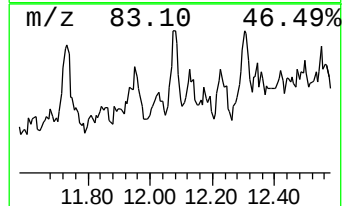
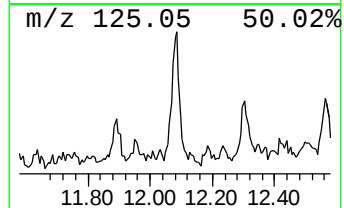
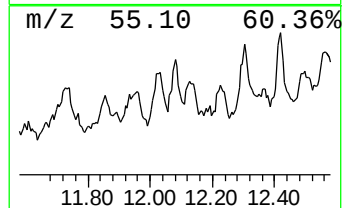
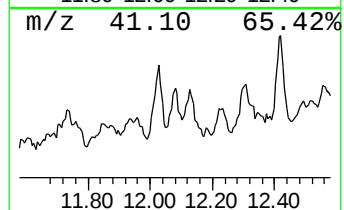
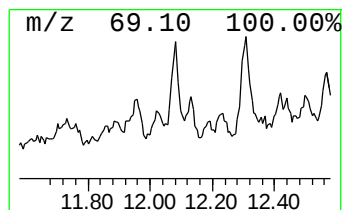
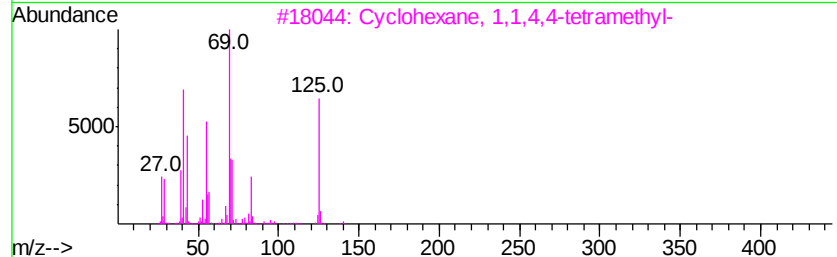
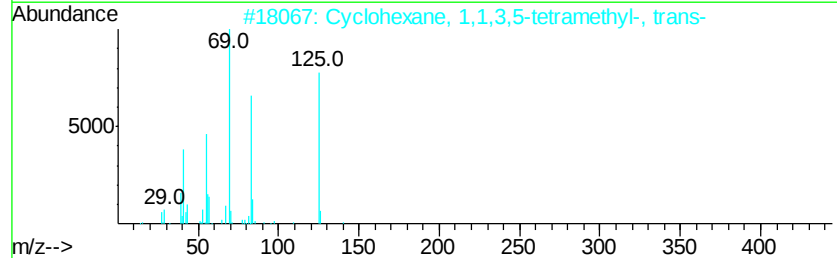
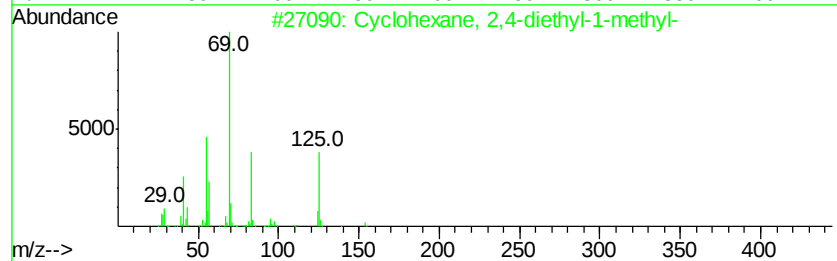
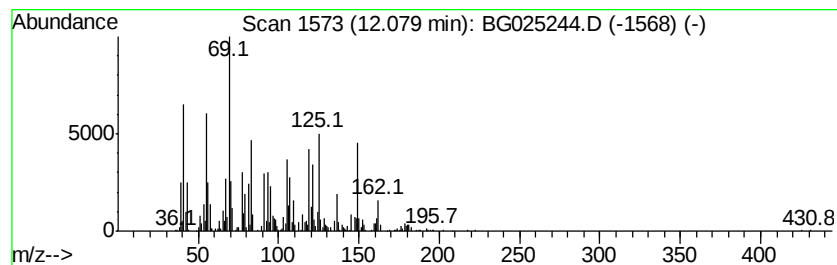
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Cyclic12.08 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	13.97 ng/ul	1057160	Napthalene-d8	11.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	43
2		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	32
3		Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	27
4		2,6,10,14-Hexadecatetraen-1-ol, ...	332	C22H36O2	061691-98-3	27
5		3-Nonene, 3-methyl-, (E)-	140	C10H20	069405-42-1	22



Data Path : Z:\HPCHEM1\BNA G\Data\BG121516\
Data File : BG025244.D
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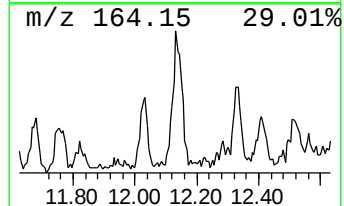
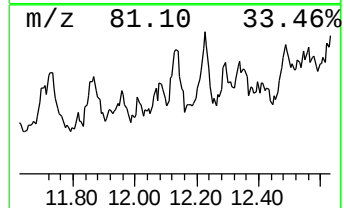
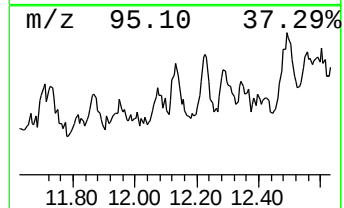
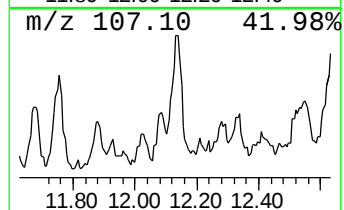
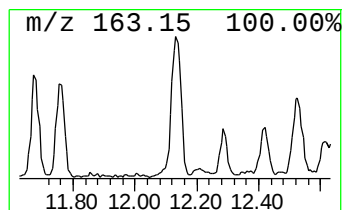
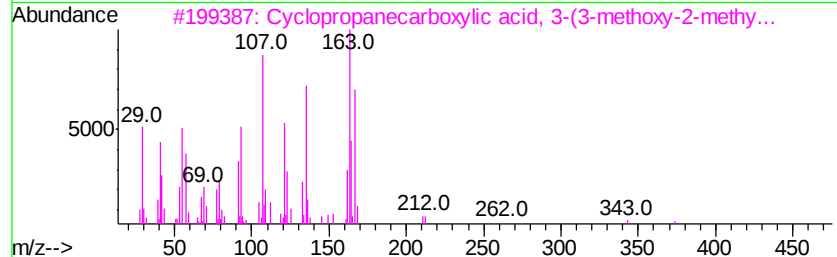
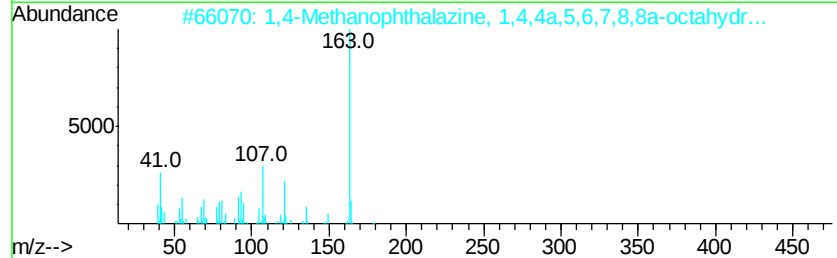
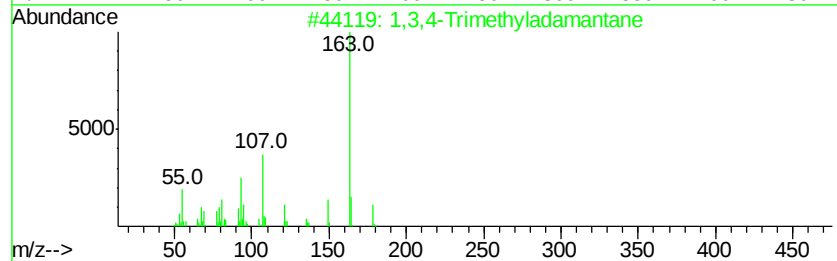
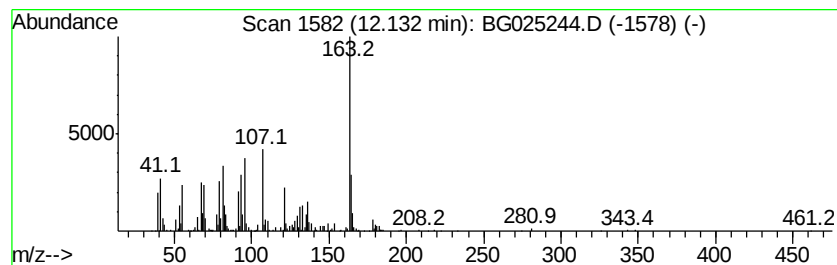
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown-03 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	15.87 ng/ul	1201060	Naphthalene-d8	11.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3,4-Trimethyladamantane	178	C13H22	1000214-98-3	40
2		1,4-Methanophthalazine, 1,4,4a,5...	206	C13H22N2	109746-14-7	40
3		Cyclopropanecarboxylic acid, 3-(...	374	C22H30O5	001172-63-0	37
4		10,10-Dimethyl-4-acetyl-tricyclo...	206	C14H22O	176171-97-4	32
5		1-Ethyl-3-propyladamantane	206	C15H26	019385-94-5	27



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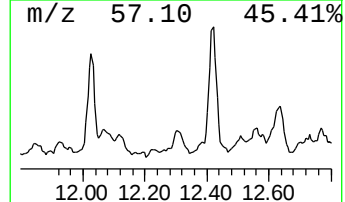
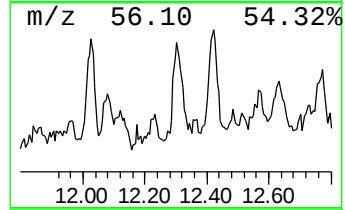
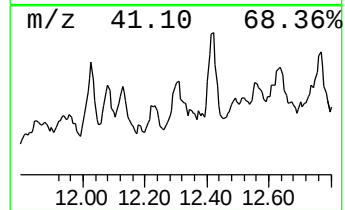
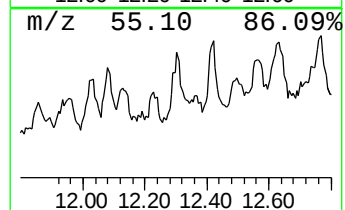
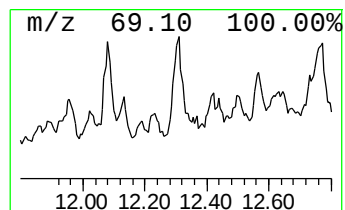
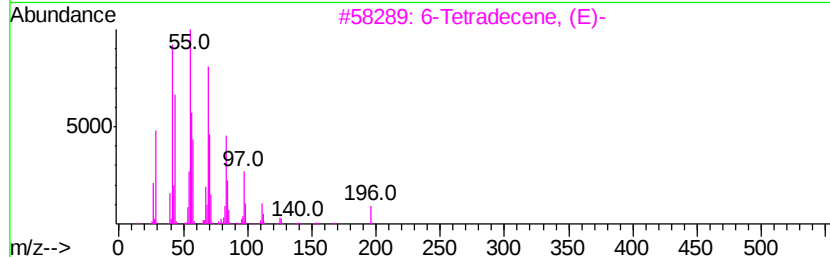
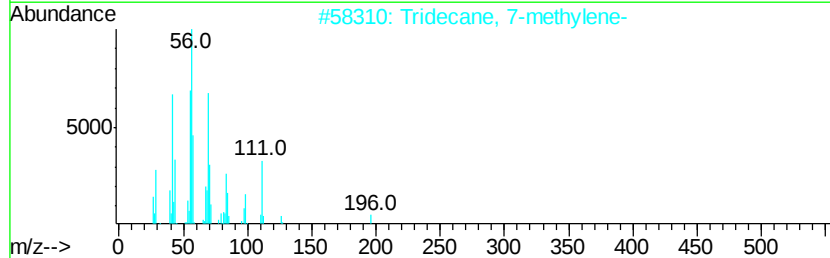
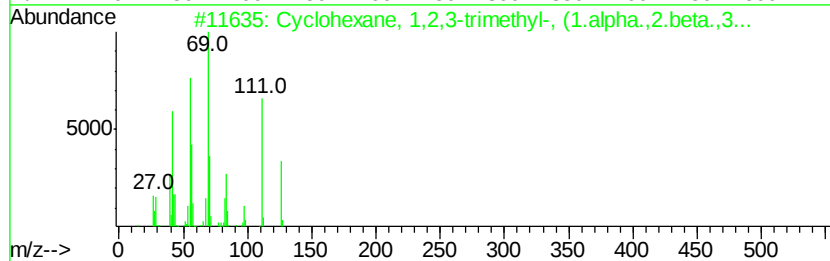
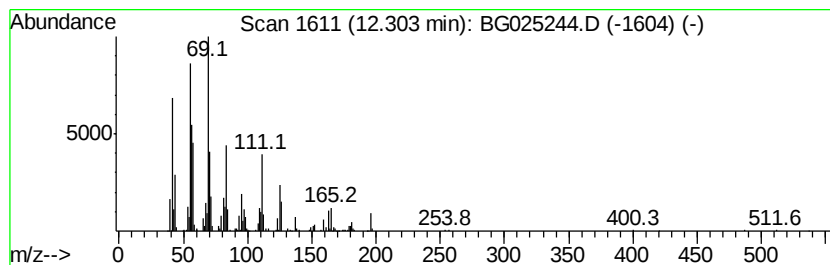
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Cyclic12.30 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	15.30 ng/ul	1157570	Napthalene-d8	11.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, 1,2,3-trimethyl-, (...	126 C9H18	001678-81-5 76
2		Tridecane, 7-methylene-	196 C14H28	019780-80-4 70
3		6-Tetradecene, (E)-	196 C14H28	041446-64-4 68
4		Cyclopentane, butyl-	126 C9H18	002040-95-1 58
5		Cyclohexane, 1,1,2-trimethyl-	126 C9H18	007094-26-0 53



Data Path : Z:\HPCHEM1\BNA G\Data\BG121516\
Data File : BG025244.D
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Sample : H5970-22
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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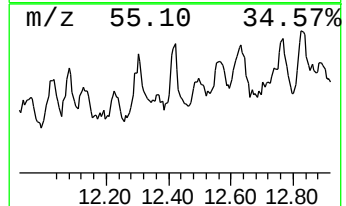
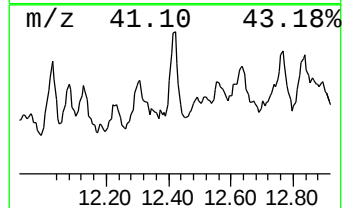
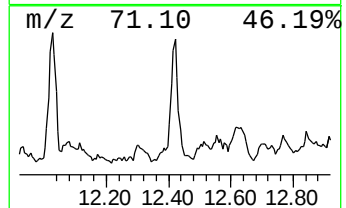
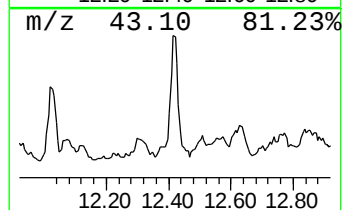
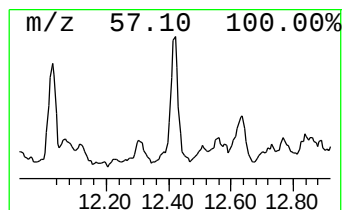
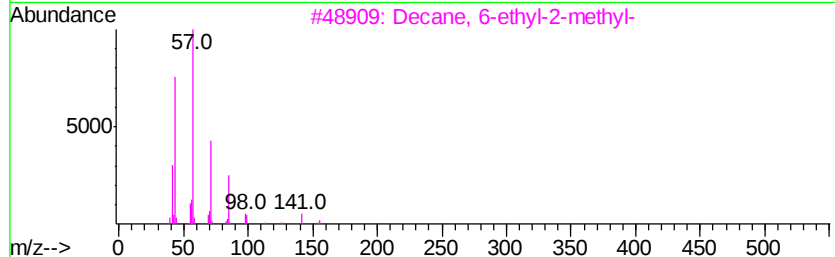
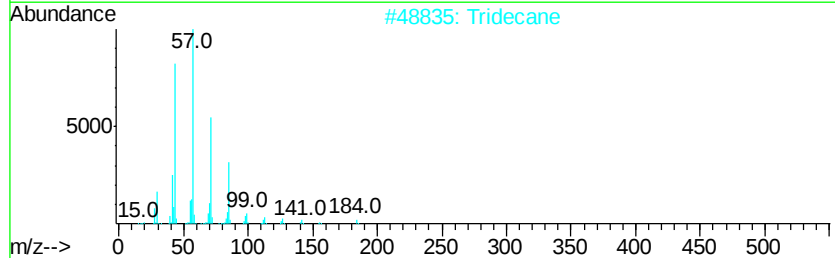
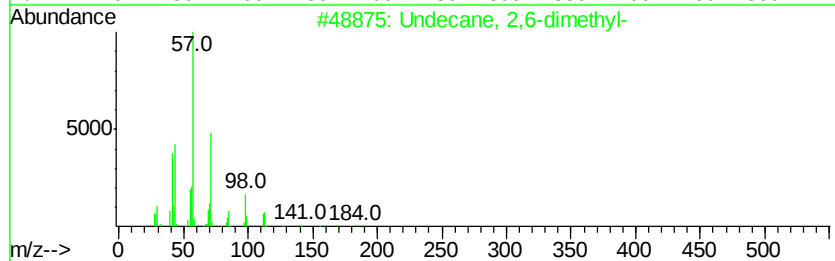
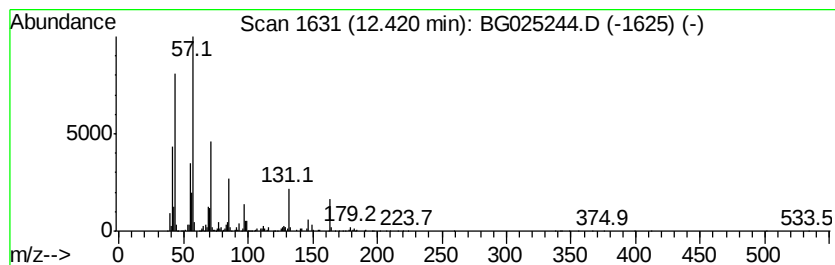
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	18.28 ng/ul	1383050	Napthalene-d8	11.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	60
2		Tridecane	184	C13H28	000629-50-5	50
3		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	50
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	50
5		Tridecane	184	C13H28	000629-50-5	50



Data Path : Z:\HPCHEM1\BNA G\Data\BG121516\
Data File : BG025244.D
Acq On : 16 Dec 2016 12:21
Operator : UM/SJ
Sample : H5970-22
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
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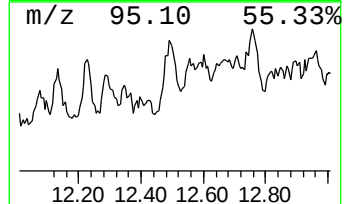
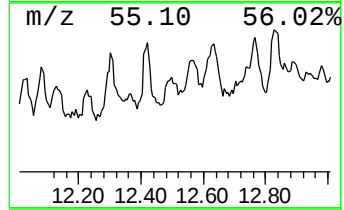
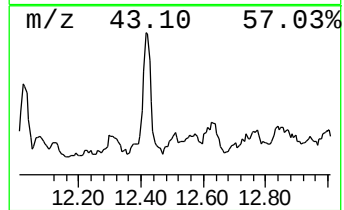
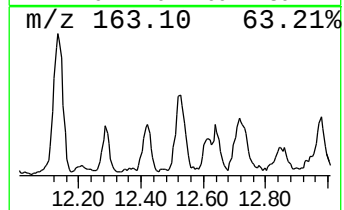
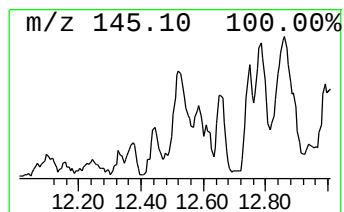
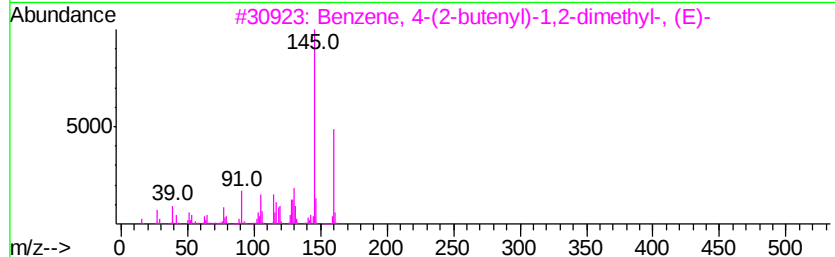
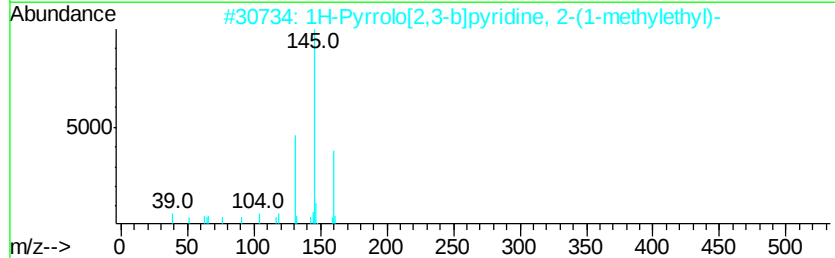
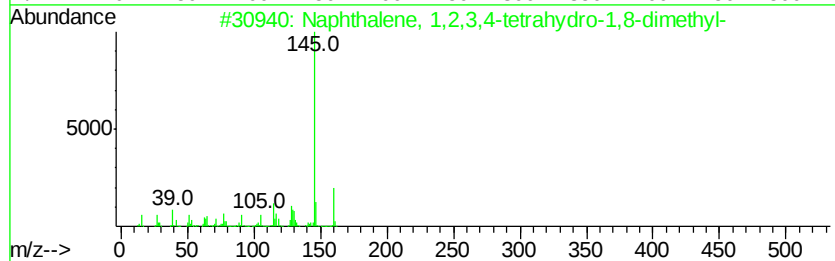
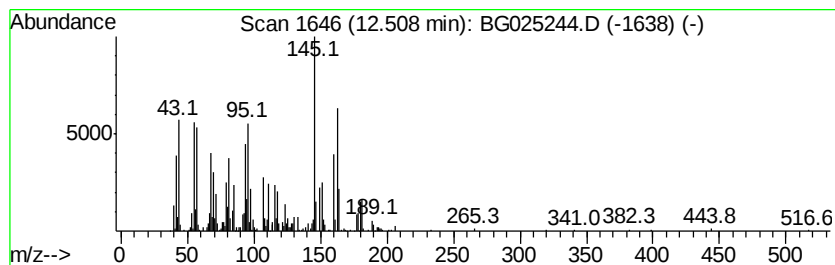
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 unknown-04 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	12.42 ng/ul	939951	Naphthalene-d8	11.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	41
2		1H-Pyrrolo[2,3-b]pyridine, 2-(1-...	160	C10H12N2	027257-18-7	38
3		Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	38
4		2H-1-Benzopyran, 2,2-dimethyl-	160	C11H12O	002513-25-9	38
5		1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	38



Data Path : Z:\HPCHEM1\BNA G\Data\BG121516\
Data File : BG025244.D
Acq On : 16 Dec 2016 12:21
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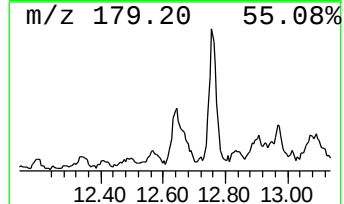
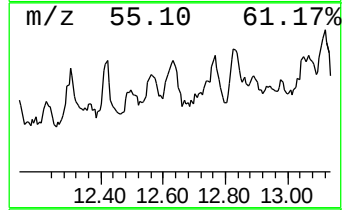
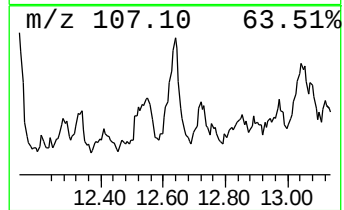
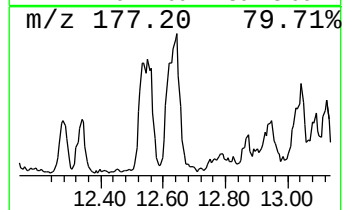
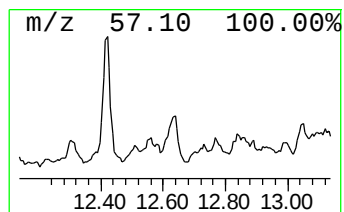
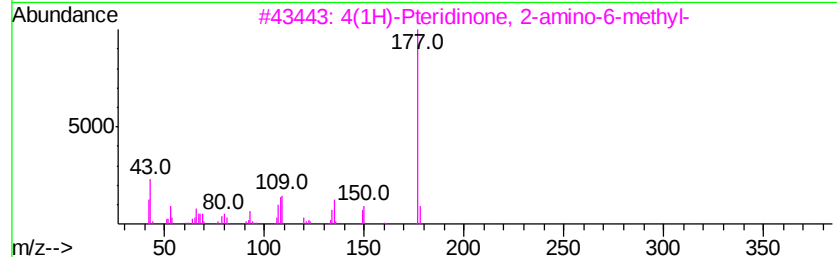
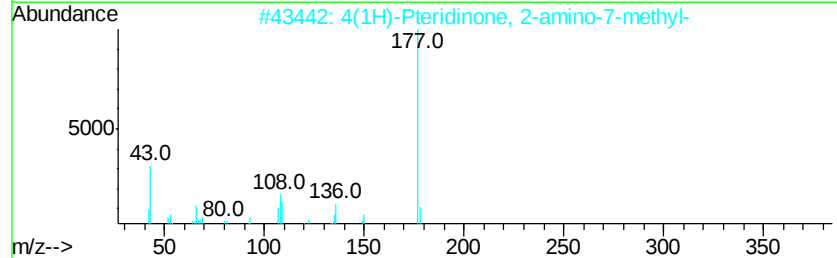
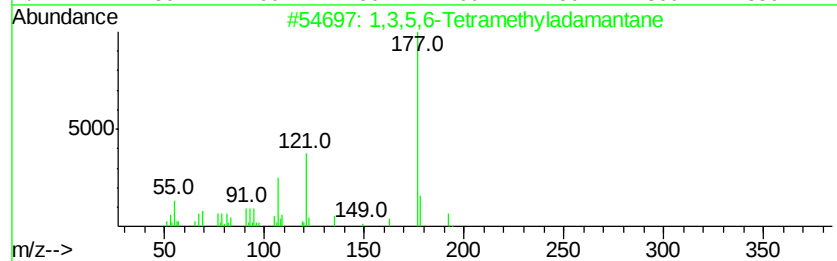
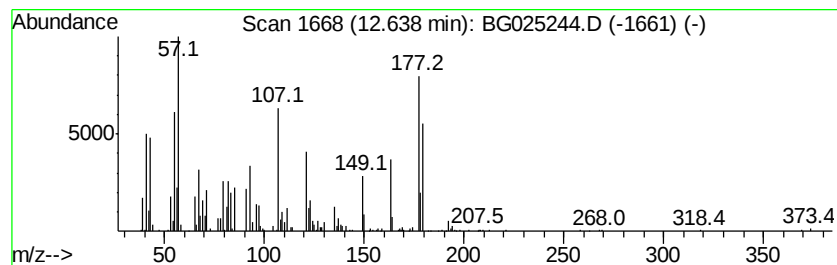
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 unknown-05 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	21.69 ng/ul	1641500	Naphthalene-d8	11.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3,5,6-Tetramethyladamantane	192	C14H24	034694-70-7	35
2		4(1H)-Pteridinone, 2-amino-7-met...	177	C7H7N5O	013040-58-9	27
3		4(1H)-Pteridinone, 2-amino-6-met...	177	C7H7N5O	000708-75-8	27
4		1,3,5,7-Tetramethyl-adamantane	192	C14H24	001687-36-1	27
5		Cyclohexane, 1,2-dimethyl-3,5-bi...	192	C14H24	074806-55-6	14



Data Path : Z:\HPCHEM1\BNA G\Data\BG121516\
Data File : BG025244.D
Acq On : 16 Dec 2016 12:21
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Sample : H5970-22
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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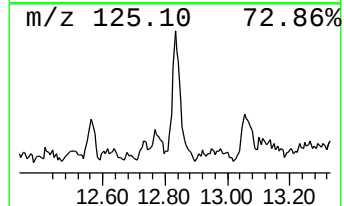
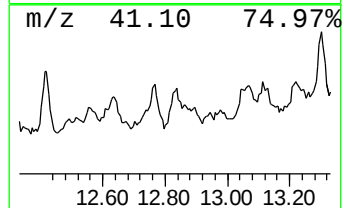
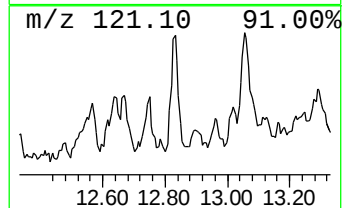
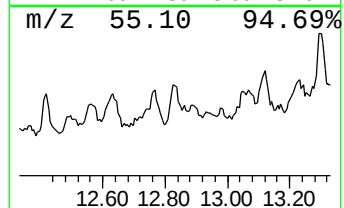
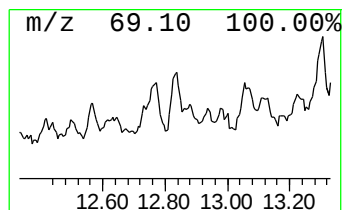
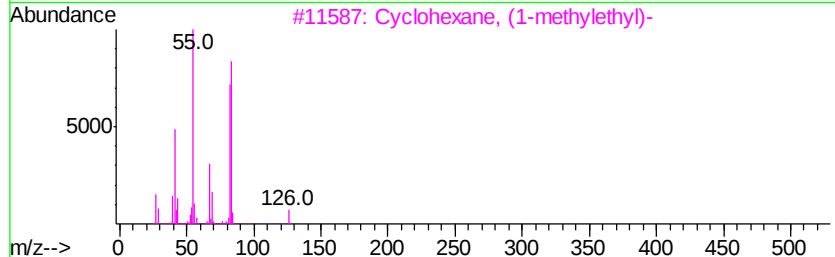
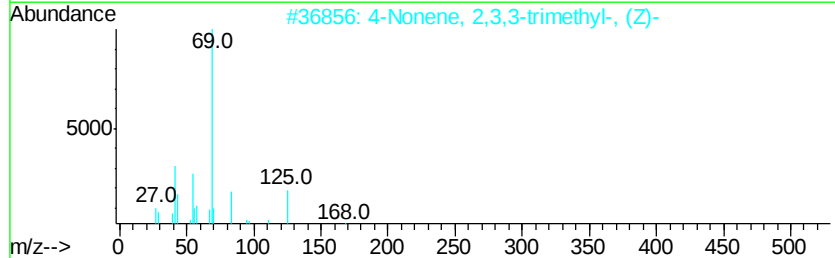
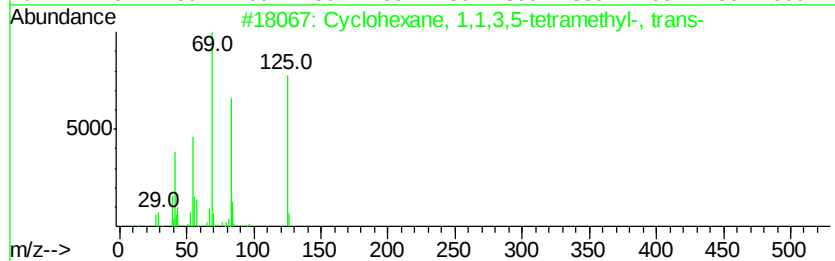
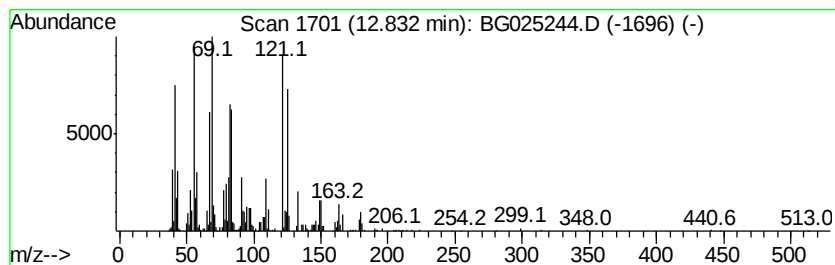
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 (DEL) Alkane: Cyclic12.83 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	30.85 ng/ul	2334630	Napthalene-d8	11.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	38
2		4-Nonene, 2,3,3-trimethyl-, (Z)-	168	C12H24	063830-68-2	22
3		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	18
4		3-Hexyne	82	C6H10	000928-49-4	15
5		6,11-Dimethyl-2,6,10-dodecatrien...	208	C14H24O	1000196-53-3	15



Data Path : Z:\HPCHEM1\BNA G\Data\BG121516\
Data File : BG025244.D
Acq On : 16 Dec 2016 12:21
Operator : UM/SJ
Sample : H5970-22
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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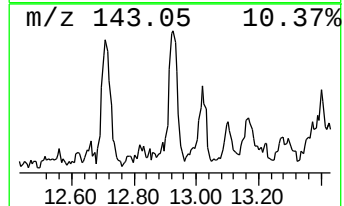
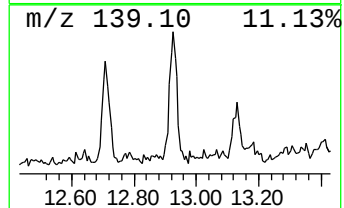
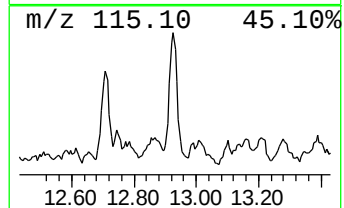
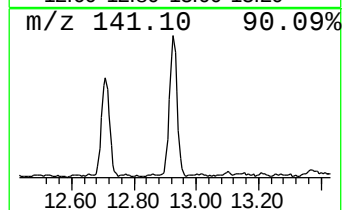
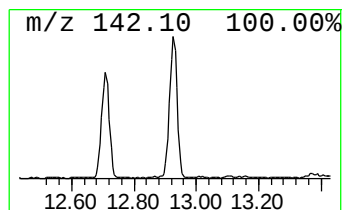
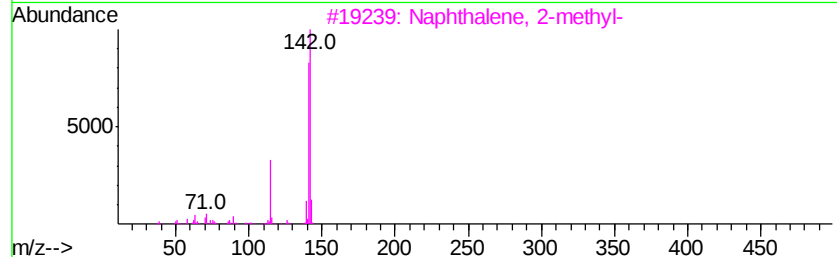
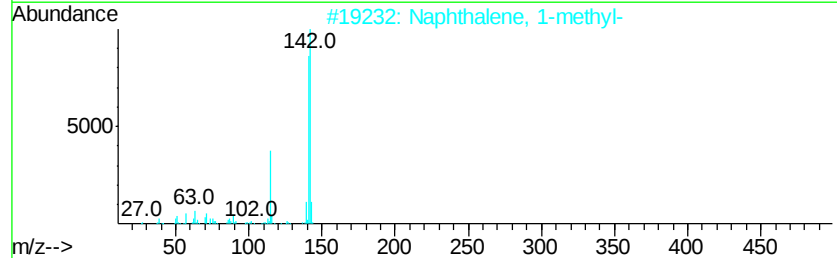
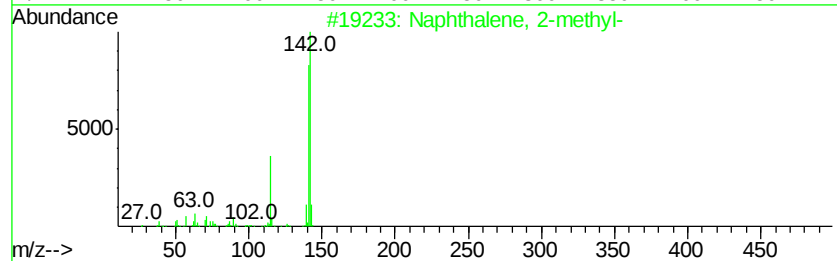
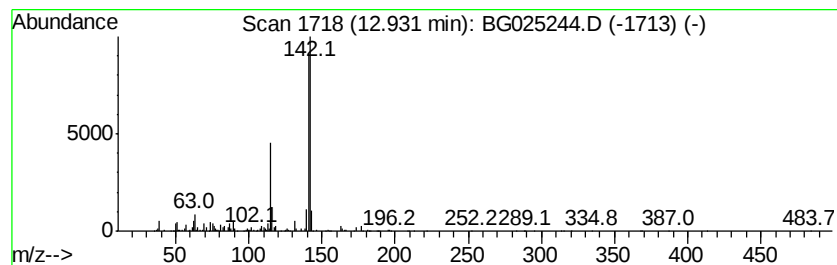
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Naphthalene, 1-methyl- Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	13.98 ng/ul	1058040	Naphthalene-d8	11.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
4		Benzocycloheptatriene	142	C11H10	000264-09-5	93
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93



Data Path : Z:\HPCHEM1\BNA G\Data\BG121516\
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Acq On : 16 Dec 2016 12:21
Operator : UM/SJ
Sample : H5970-22
Misc :
ALS Vial : 34 Sample Multiplier: 1

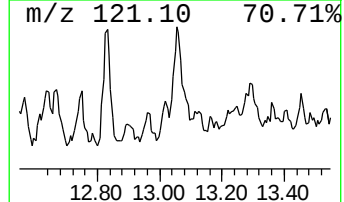
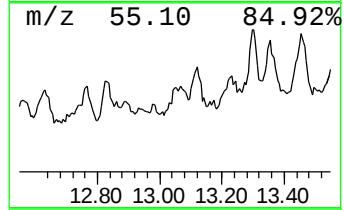
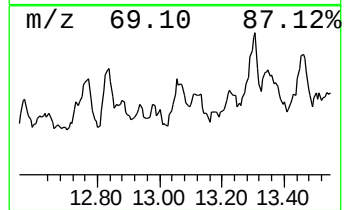
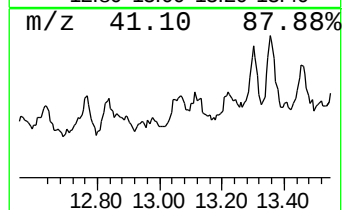
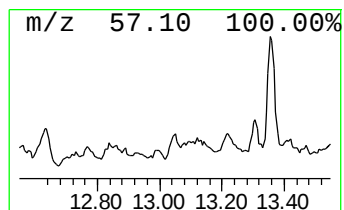
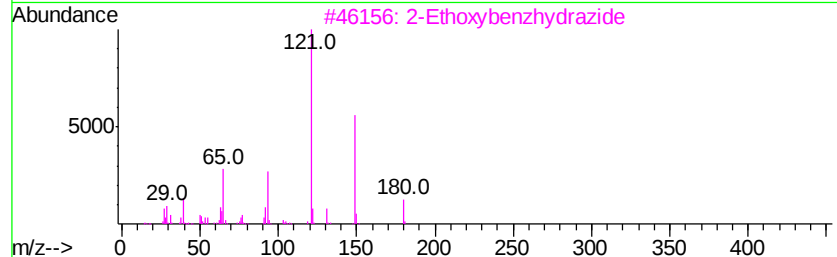
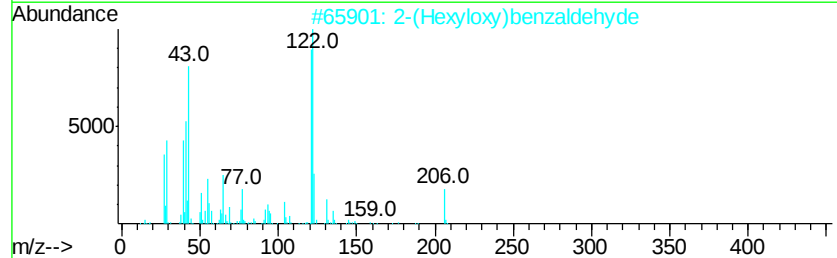
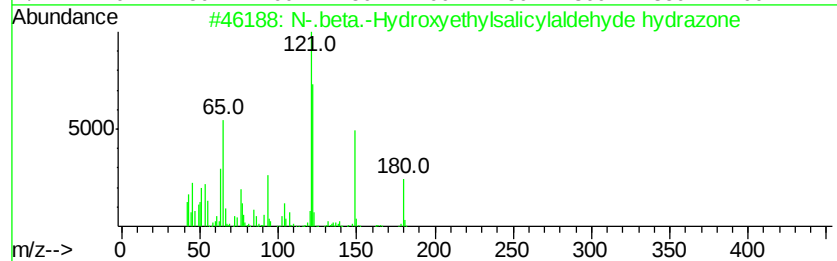
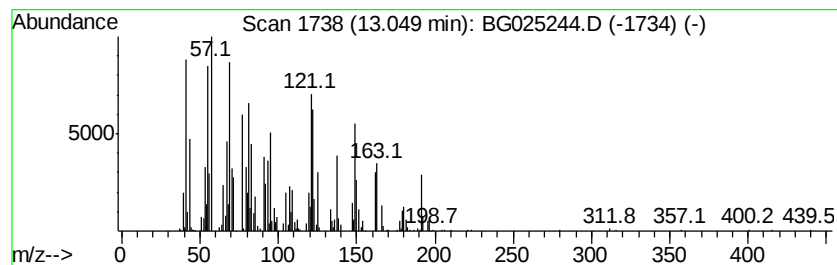
Instrument :
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 unknown-06 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	13.80 ng/ul	998006	Acenaphthene-d10	14.87
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		N-.beta.-Hvdroxvethylsalicvlalde...	180 C9H12N2O2	086547-03-7 35
2		2-(Hexyloxy)benzaldehyde	206 C13H18O2	007162-59-6 22
3		2-Ethoxybenzhvdrazide	180 C9H12N2O2	021018-13-3 18
4		Benzaldehyde, 4-ethoxy-	150 C9H10O2	010031-82-0 18
5		Benzenamine, 4-methoxy-N-methyl-	137 C8H11NO	005961-59-1 14



Data Path : Z:\HPCHEM1\BNA G\Data\BG121516\
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Operator : UM/SJ
Sample : H5970-22
Misc :
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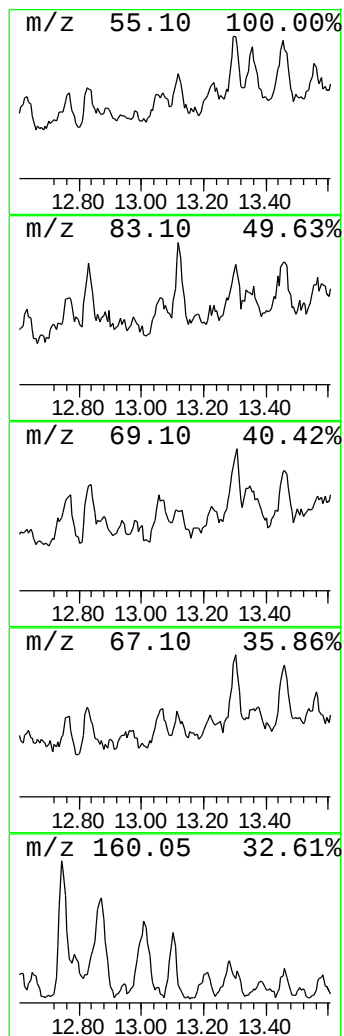
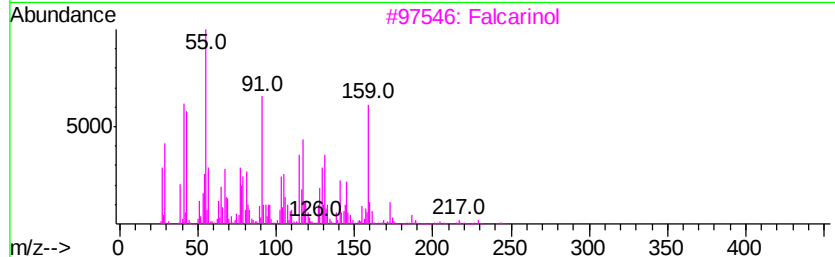
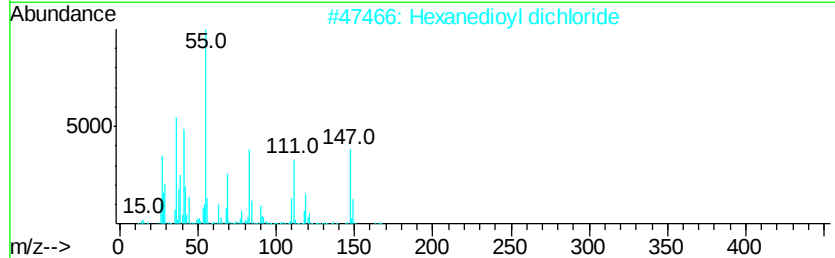
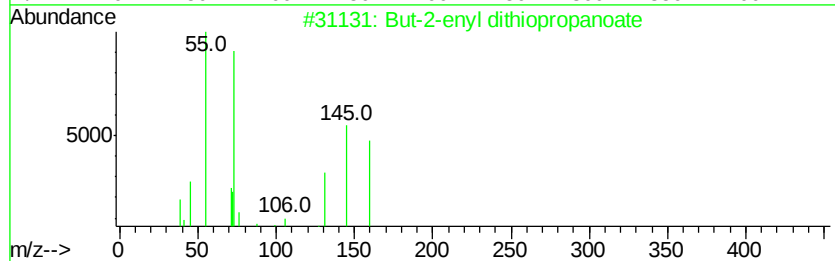
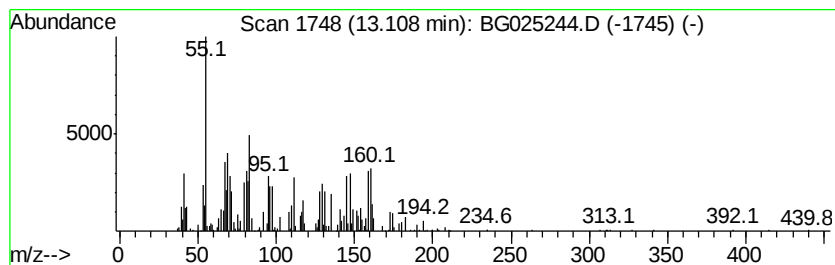
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 unknown-07 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.11	11.96 ng/ul	864541	Acenaphthene-d10		14.87
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	But-2-enyl dithiopropionate	160	C7H12S2	1000143-74-3	14
2	Hexanedioyl dichloride	182	C6H8Cl2O2	000111-50-2	10
3	Falcarinol	244	C17H24O	021852-80-2	10
4	Cyclodecanone	154	C10H18O	001502-06-3	9
5	Diethyl adipate	202	C10H18O4	000141-28-6	9



Data Path : Z:\HPCHEM1\BNA G\Data\BG121516\
Data File : BG025244.D
Acq On : 16 Dec 2016 12:21
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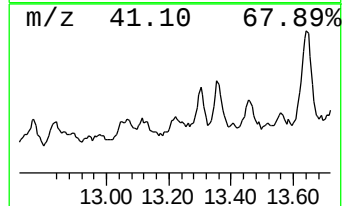
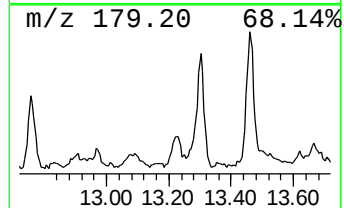
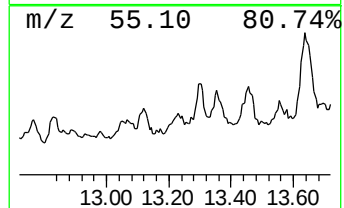
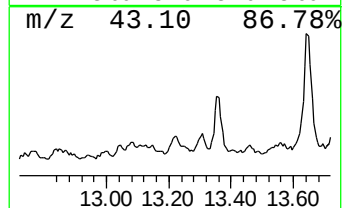
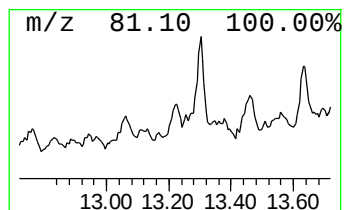
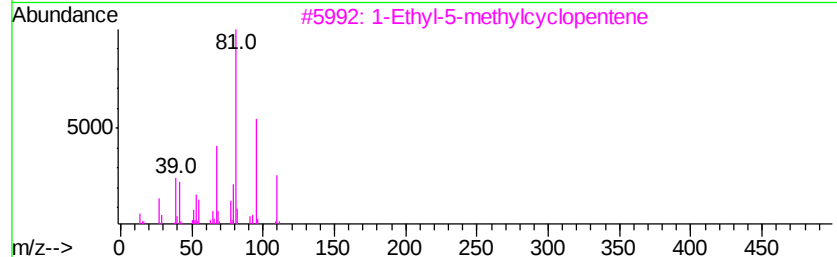
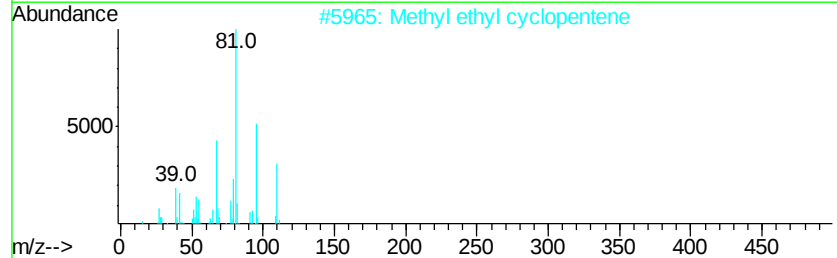
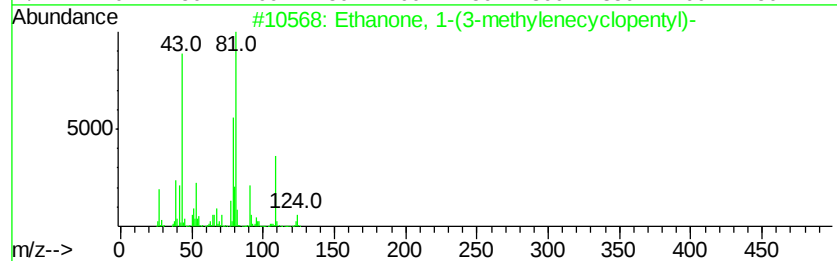
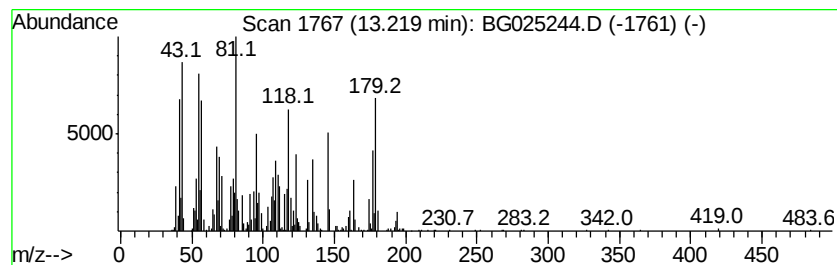
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 unknown-08 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	16.99 ng/ul	1228380	Acenaphthene-d10	14.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanone, 1-(3-methylenecyclopenten...	124	C8H12O	054829-98-0	25
2		Methyl ethyl cyclopentene	110	C8H14	019780-56-4	18
3		1-Ethyl-5-methylcyclopentene	110	C8H14	097797-57-4	18
4		2,4-Heptadienal, (E,E)-	110	C7H10O	004313-03-5	11
5		2-Hexyne, 4-methyl-	96	C7H12	020198-49-6	11



Data Path : Z:\HPCHEM1\BNA G\Data\BG121516\
Data File : BG025244.D
Acq On : 16 Dec 2016 12:21
Operator : UM/SJ
Sample : H5970-22
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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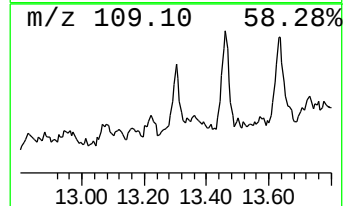
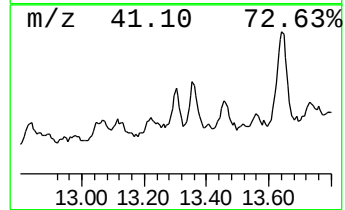
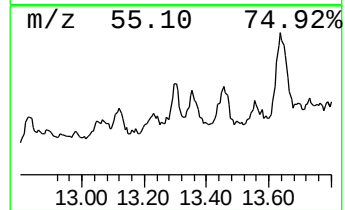
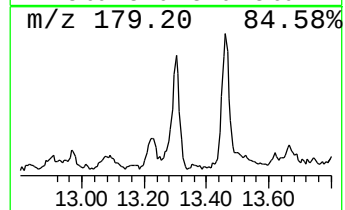
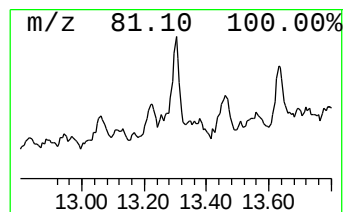
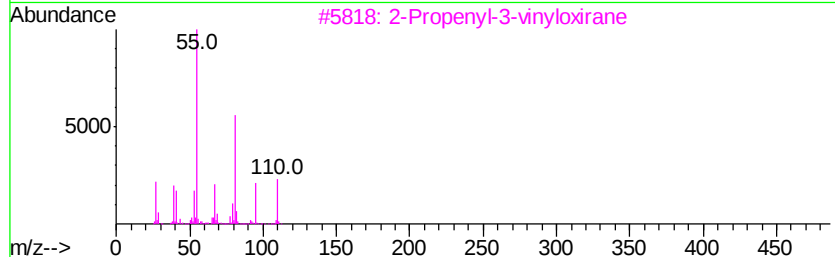
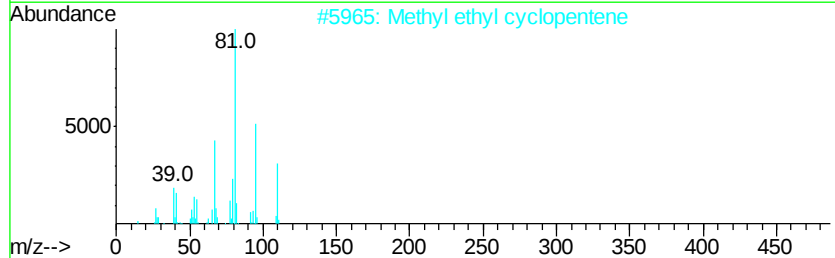
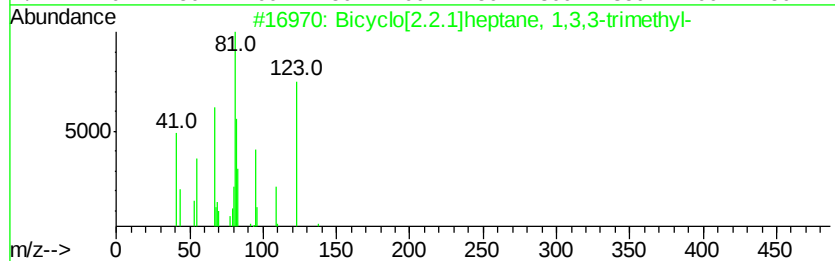
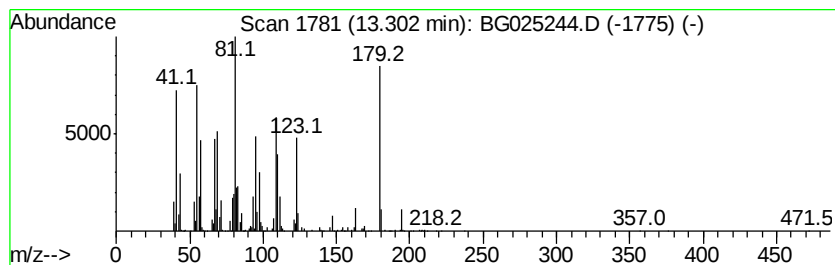
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Bicyclo[2.2.1]heptane, 1,3,... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	22.00 ng/ul	1590670	Acenaphthene-d10	14.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	50
2		Methyl ethyl cyclopentene	110	C8H14	019780-56-4	43
3		2-Propenyl-3-vinloxirane	110	C7H10O	070597-49-8	38
4		1H-Naphthalen-2-one, 3,4,5,6,7,8...	180	C12H20O	1000164-27-1	38
5		Cyclopentanecarboxylic acid, 3-e...	154	C9H14O2	108451-44-1	35



Data Path : Z:\HPCHEM1\BNA G\Data\BG121516\
Data File : BG025244.D
Acq On : 16 Dec 2016 12:21
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Sample : H5970-22
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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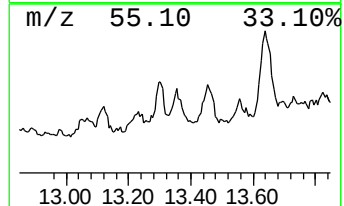
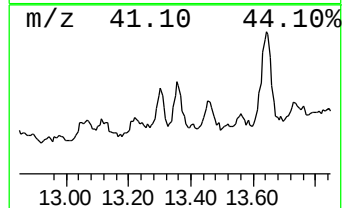
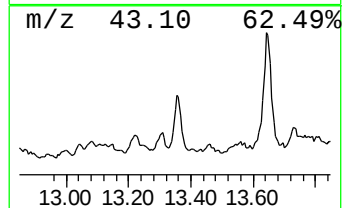
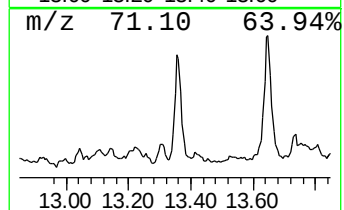
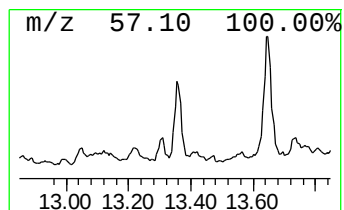
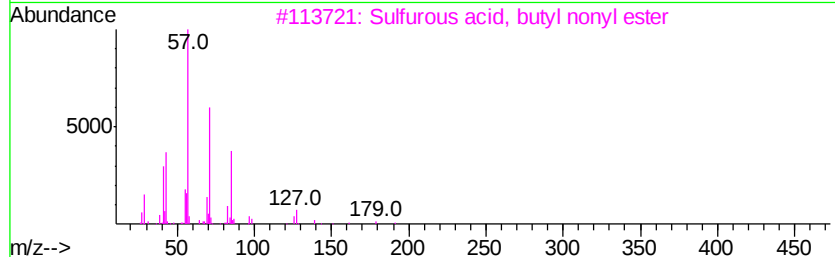
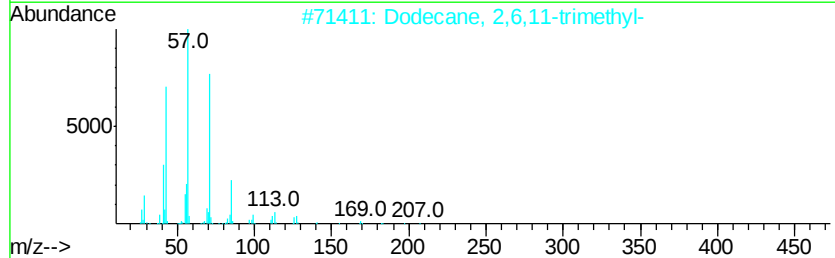
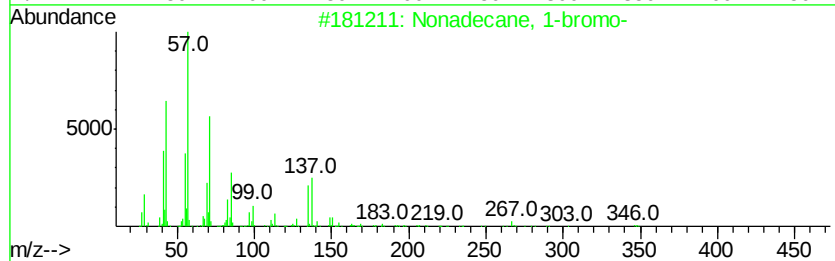
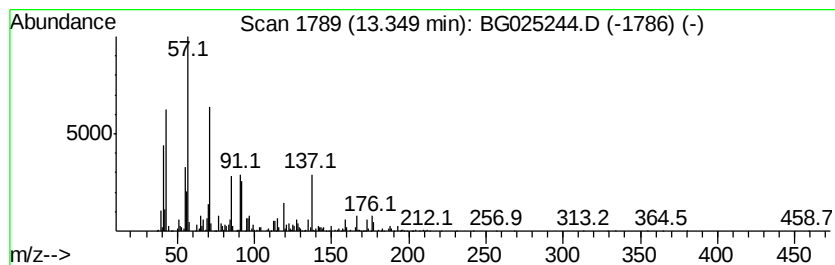
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 Nonadecane, 1-bromo- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	34.33 ng/ul	2482220	Acenaphthene-d10	14.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane, 1-bromo-	346	C19H39Br	004434-66-6	59
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59
3		Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	59
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	50
5		Bacchotricuneatin c	342	C20H22O5	066563-30-2	49



Data Path : Z:\HPCHEM1\BNA G\Data\BG121516\
Data File : BG025244.D
Acq On : 16 Dec 2016 12:21
Operator : UM/SJ
Sample : H5970-22
Misc :
ALS Vial : 34 Sample Multiplier: 1

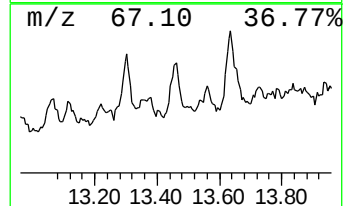
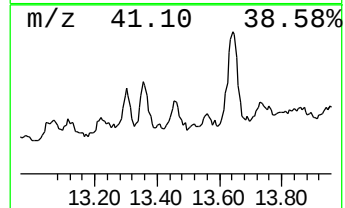
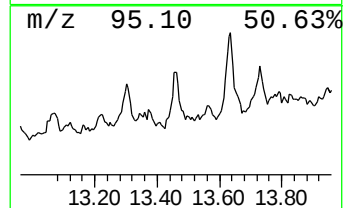
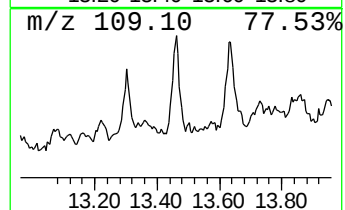
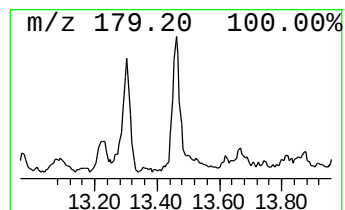
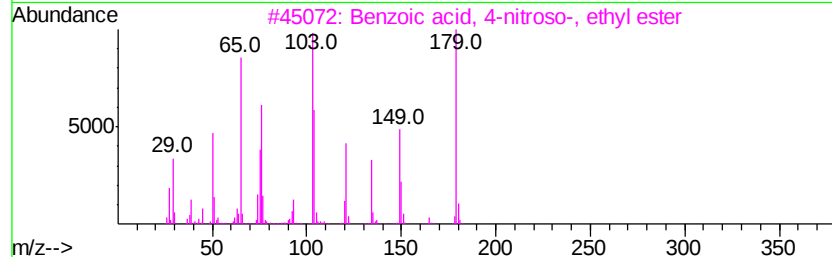
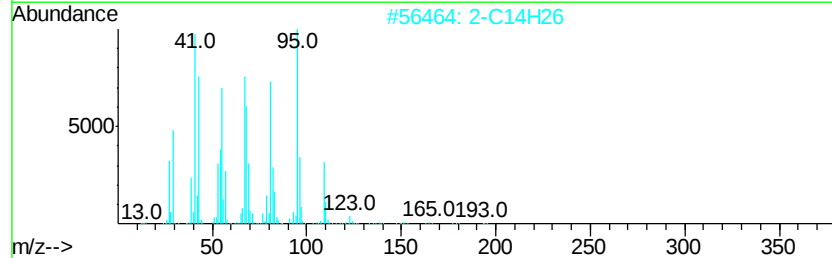
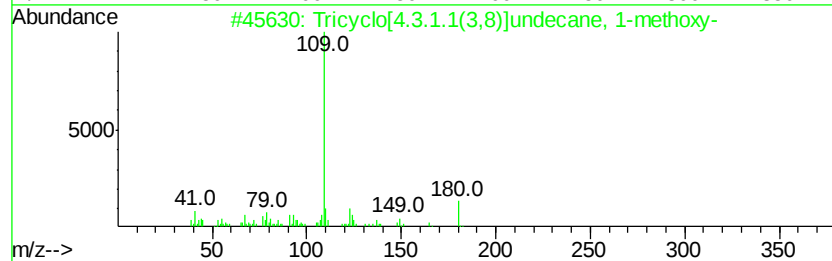
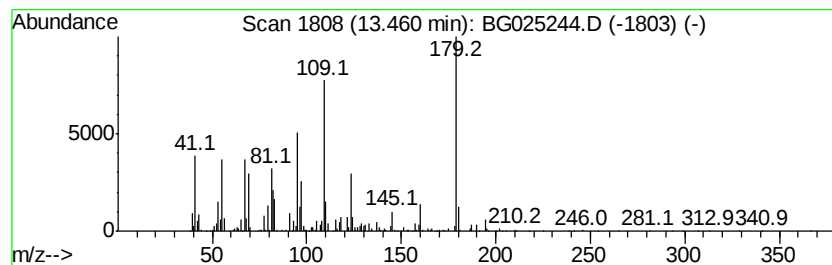
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 20 unknown-09 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	17.49 ng/ul	1264310	Acenaphthene-d10	14.87
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tricyclo[4.3.1.1(3,8)]undecane, ...	180 C12H200	021898-95-3 25
2		2-C14H26	194 C14H26	000638-60-8 22
3		Benzoic acid, 4-nitroso-, ethyl ...	179 C9H9NO3	007476-79-1 20
4		2,4-Heptadiene, 2,6-dimethyl-	124 C9H16	004634-87-1 18
5		1,4-Bis[.alpha.-methoxyethyl]ben...	194 C12H18O2	129770-42-9 18



Data Path : Z:\HPCHEM1\BNA G\Data\BG121516\
Data File : BG025244.D
Acq On : 16 Dec 2016 12:21
Operator : UM/SJ
Sample : H5970-22
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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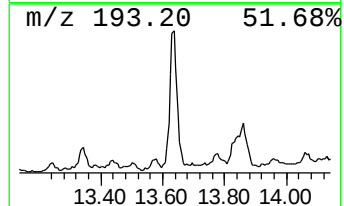
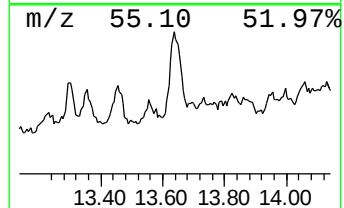
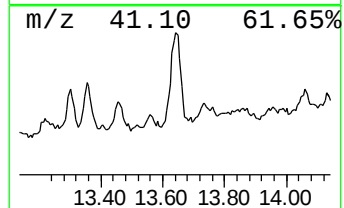
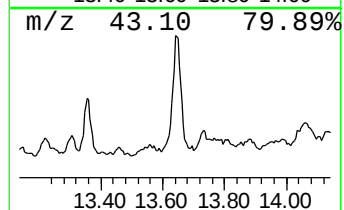
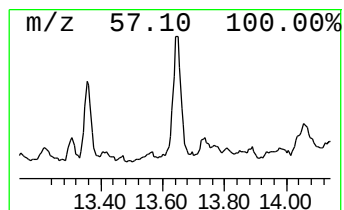
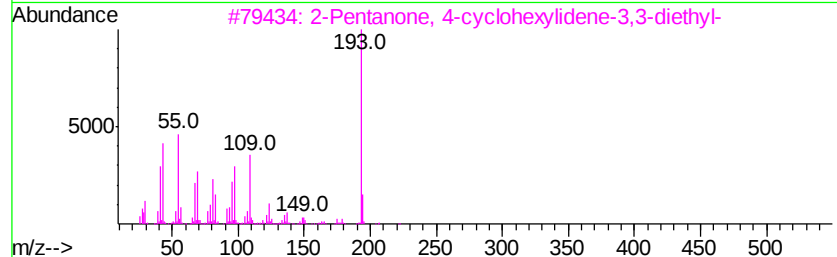
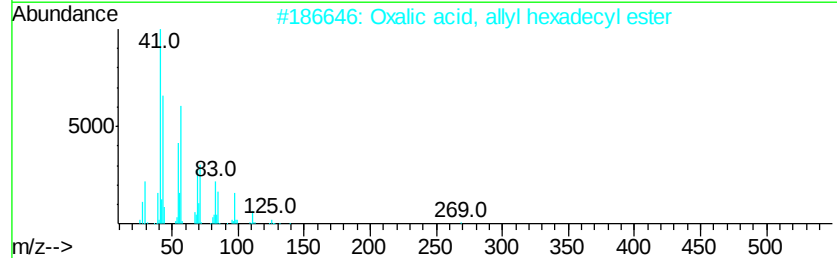
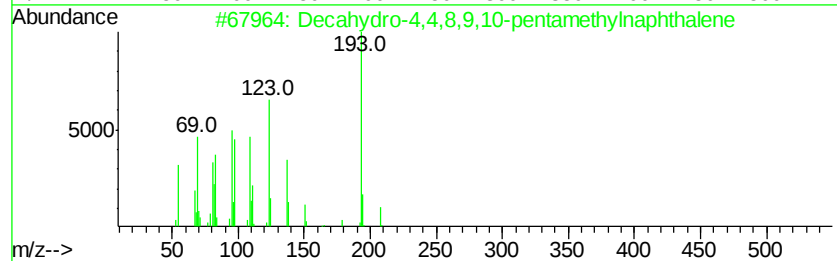
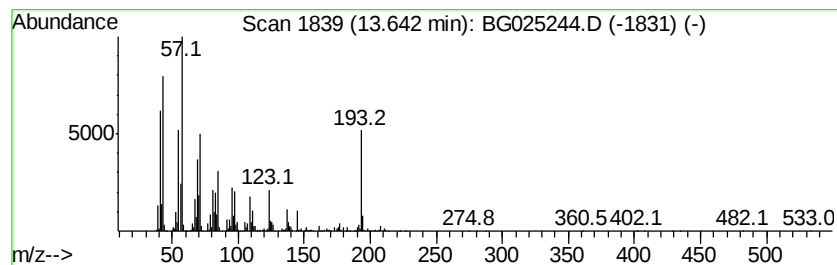
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 Decahydro-4,4,8,9,10-pentam... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	74.98 ng/ul	5421010	Acenaphthene-d10	14.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	55
2		Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	41
3		2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	38
4		1-Bromoeicosane	360	C20H41Br	004276-49-7	38
5		Oxalic acid, allyl pentadecyl ester	340	C20H36O4	1000309-24-3	38



Data Path : Z:\HPCHEM1\BNA G\Data\BG121516\
Data File : BG025244.D
Acq On : 16 Dec 2016 12:21
Operator : UM/SJ
Sample : H5970-22
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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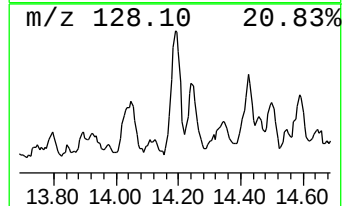
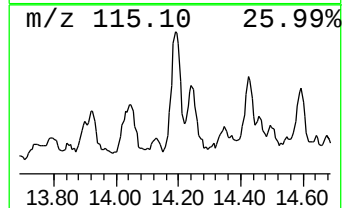
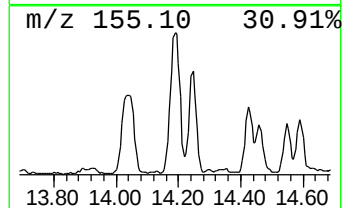
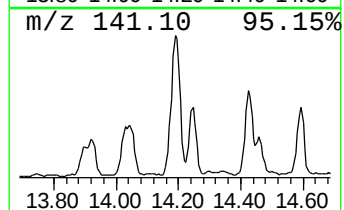
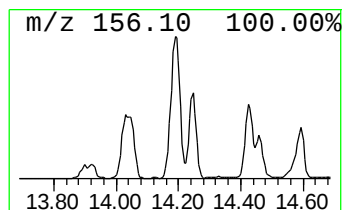
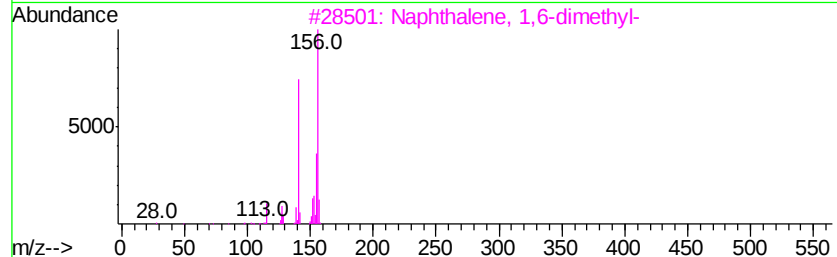
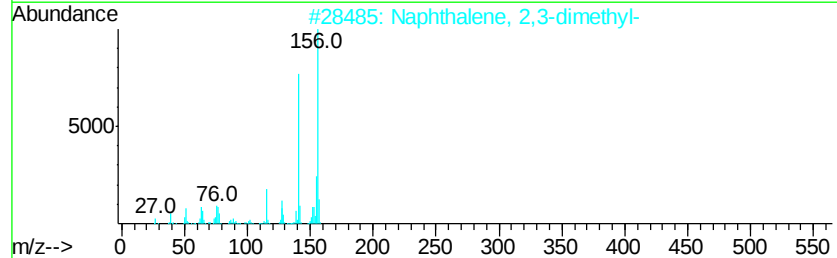
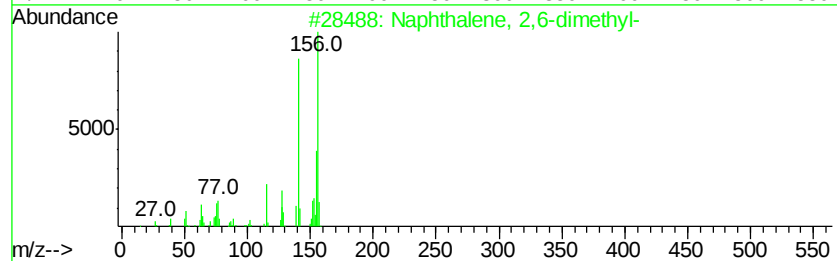
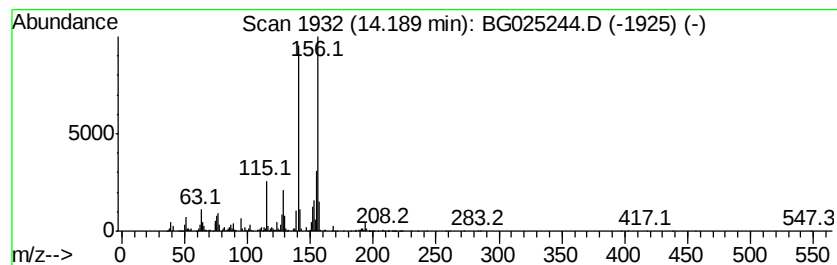
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Naphthalene, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	84.39 ng/ul	6101830	Acenaphthene-d10	14.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95



Data Path : Z:\HPCHEM1\BNA G\Data\BG121516\
Data File : BG025244.D
Acq On : 16 Dec 2016 12:21
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Sample : H5970-22
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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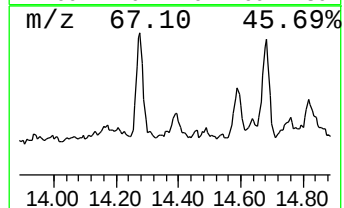
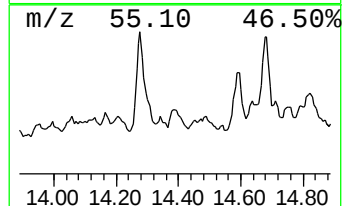
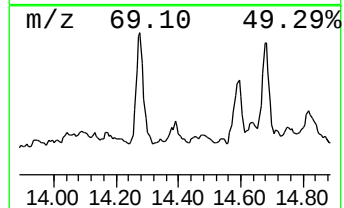
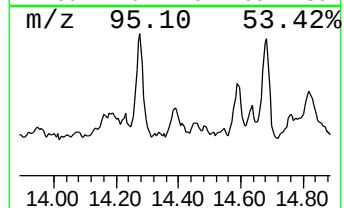
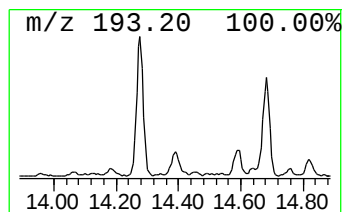
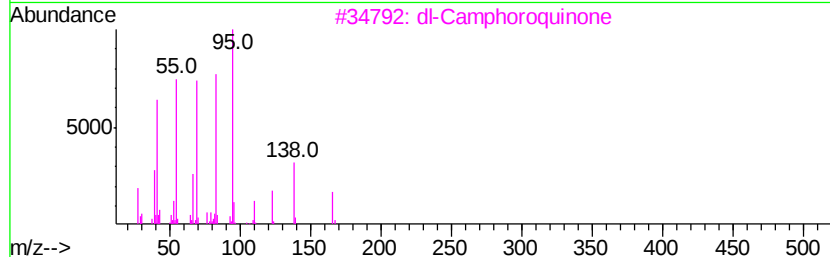
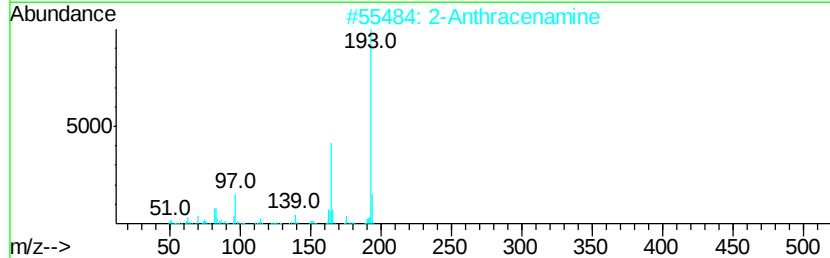
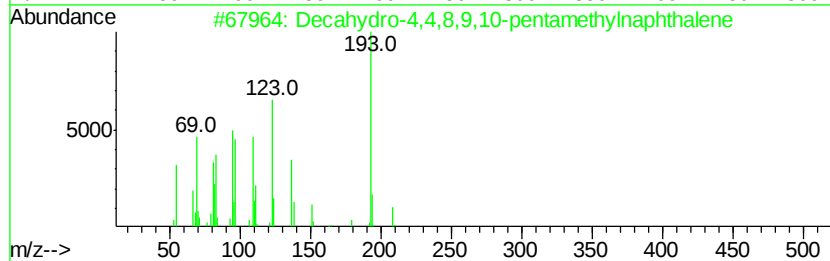
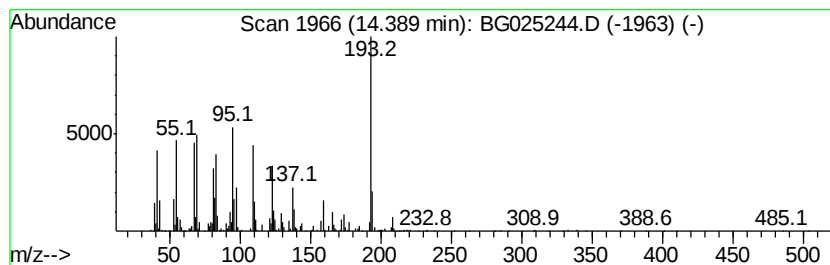
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 unknown-10 Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	9.16 ng/ul	662080	Acenaphthene-d10	14.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	38
2		2-Anthracenamine	193	C14H11N	000613-13-8	22
3		dl-Camphoroquinone	166	C10H14O2	010373-78-1	18
4		9-Vinylcarbazole	193	C14H11N	001484-13-5	18
5		Acridine, 9-methyl-	193	C14H11N	000611-64-3	18



Data Path : Z:\HPCHEM1\BNA G\Data\BG121516\
Data File : BG025244.D
Acq On : 16 Dec 2016 12:21
Operator : UM/SJ
Sample : H5970-22
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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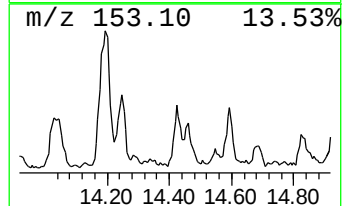
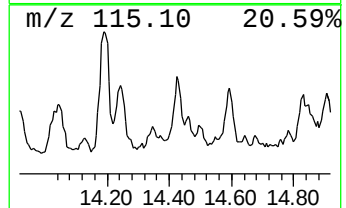
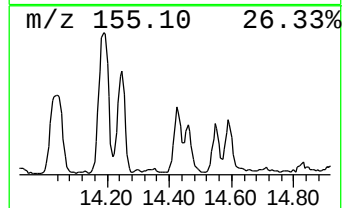
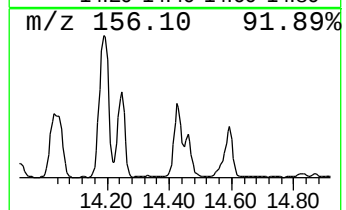
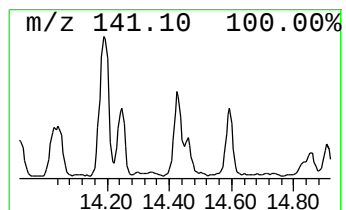
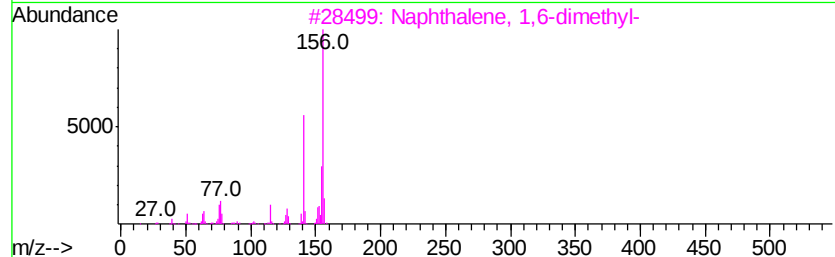
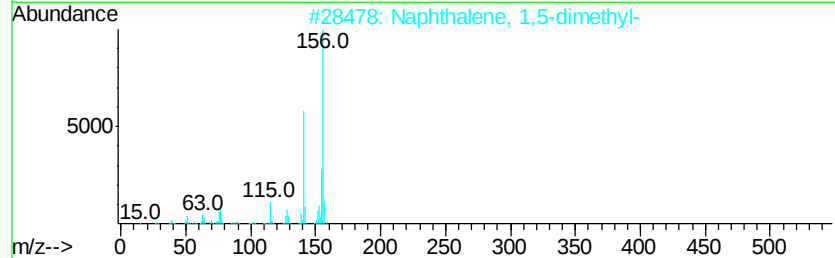
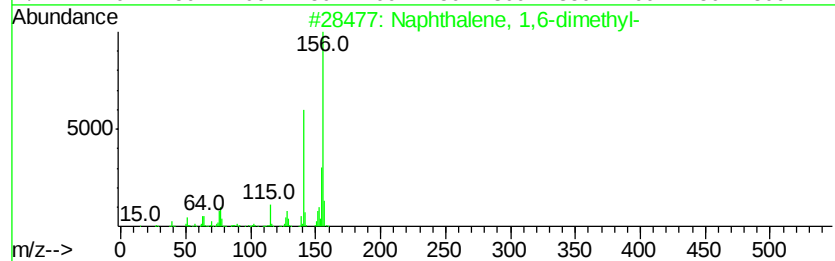
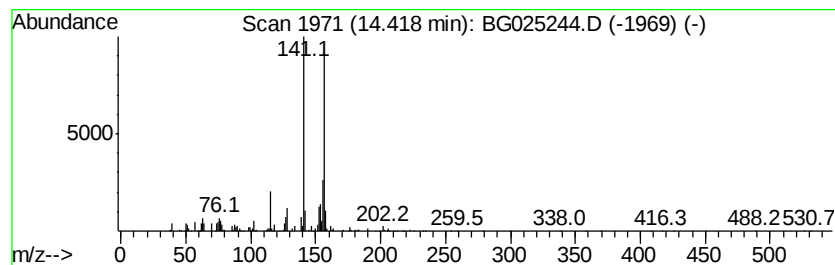
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 Naphthalene, 1,6-dimethyl- Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	11.70 ng/ul	846182	Acenaphthene-d10	14.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93



Data Path : Z:\HPCHEM1\BNA G\Data\BG121516\
Data File : BG025244.D
Acq On : 16 Dec 2016 12:21
Operator : UM/SJ
Sample : H5970-22
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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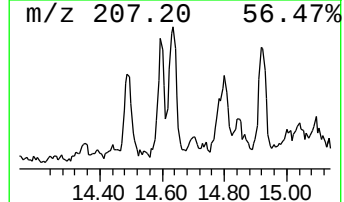
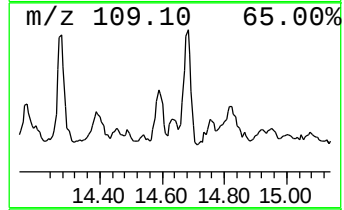
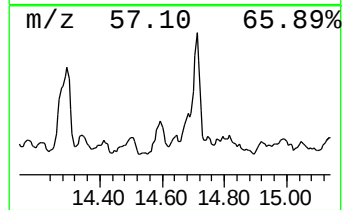
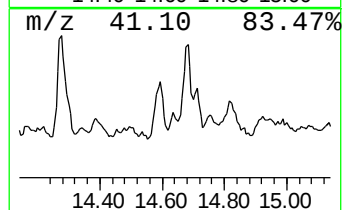
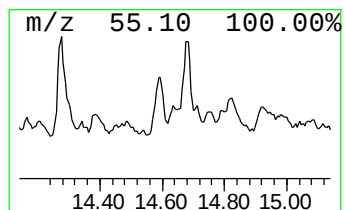
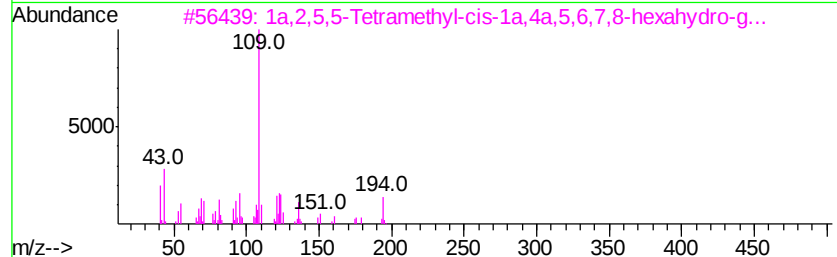
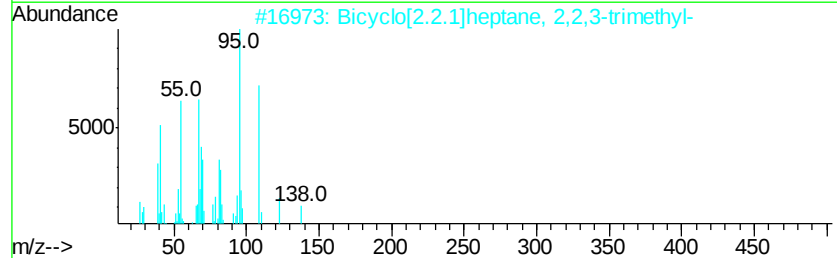
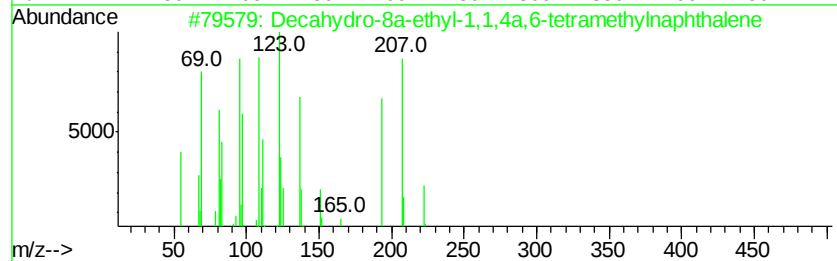
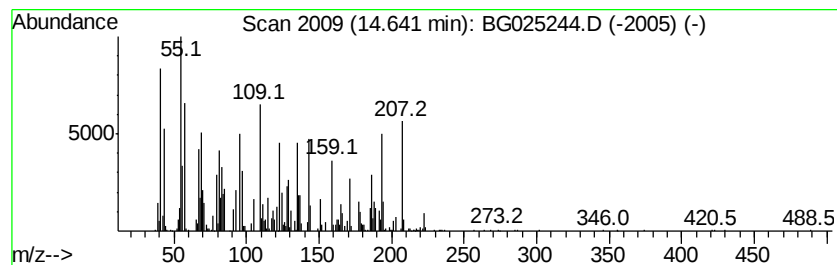
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 Decahydro-8a-ethyl-1,1,4a,6... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	17.04 ng/ul	1232260	Acenaphthene-d10	14.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-8a-ethyl-1,1,4a,6-tetr...	222	C16H30	1000100-23-6	70
2		Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	30
3		1a,2,5,5-Tetramethyl-cis-1a,4a,5...	194	C13H22O	1000215-77-7	25
4		2-Cyclopenten-1-one, 2,3,4,5-tet...	138	C9H14O	054458-61-6	25
5		Pyrimidine, 5-formamido-	123	C5H5N3O	056621-84-2	22



Data Path : Z:\HPCHEM1\BNA G\Data\BG121516\
Data File : BG025244.D
Acq On : 16 Dec 2016 12:21
Operator : UM/SJ
Sample : H5970-22
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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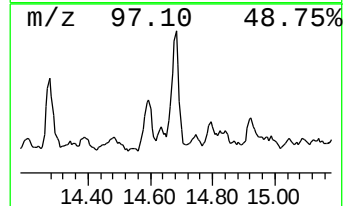
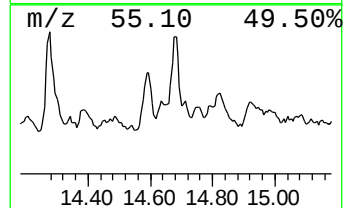
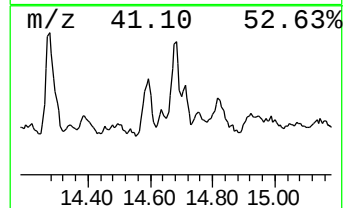
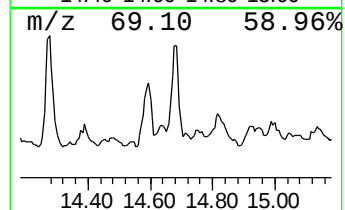
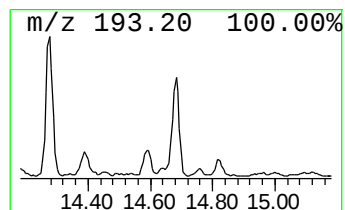
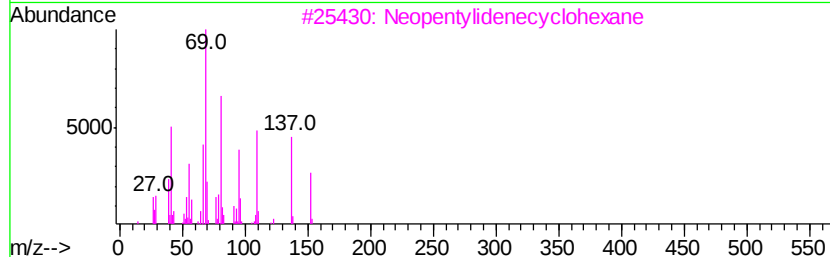
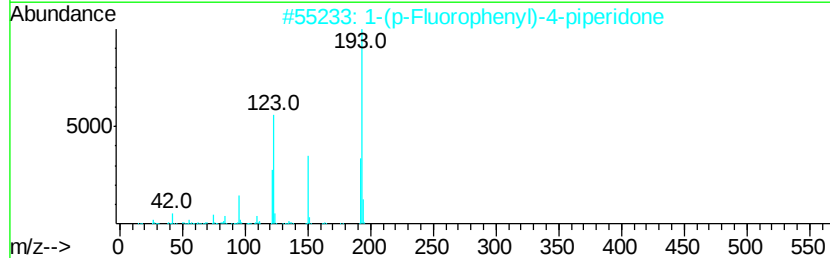
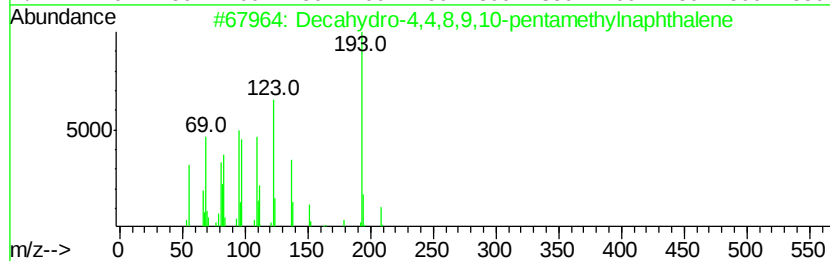
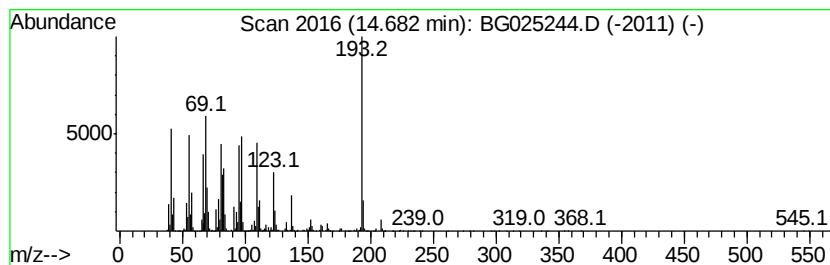
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 unknown-11 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	100.71 ng/ul	7281070	Acenaphthene-d10	14.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	38
2		1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	35
3		Neopentylidenecyclohexane	152	C11H20	039546-80-0	27
4		Cyclododecanone, 2-methylene-	194	C13H22O	003045-76-9	25
5		Benzo[f]quinoline, 3-methyl-	193	C14H11N	000085-06-3	18



Data Path : Z:\HPCHEM1\BNA G\Data\BG121516\
Data File : BG025244.D
Acq On : 16 Dec 2016 12:21
Operator : UM/SJ
Sample : H5970-22
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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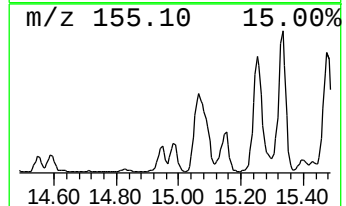
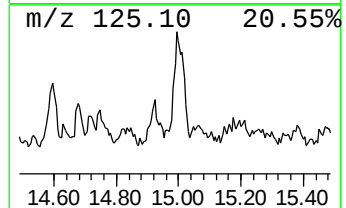
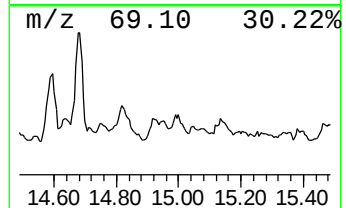
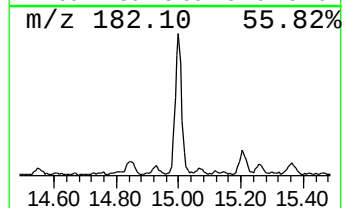
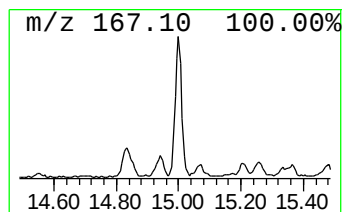
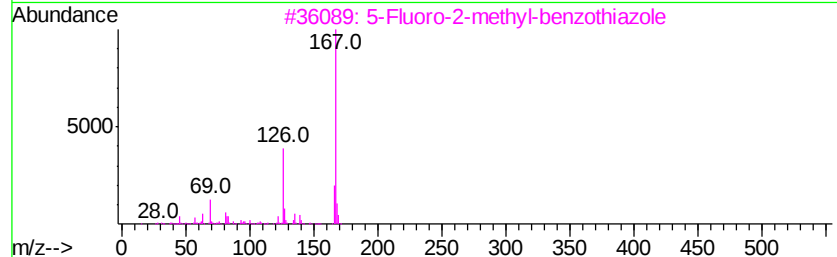
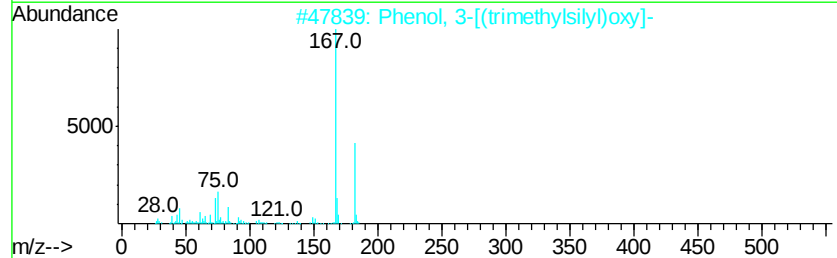
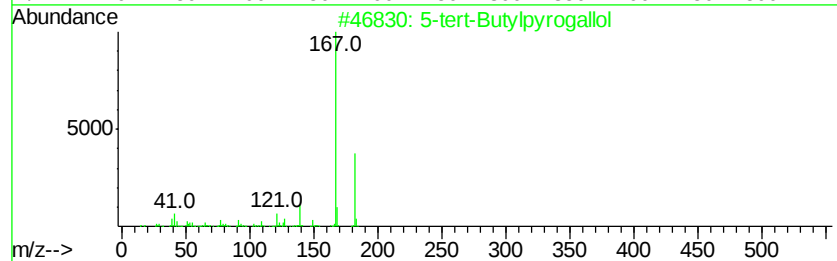
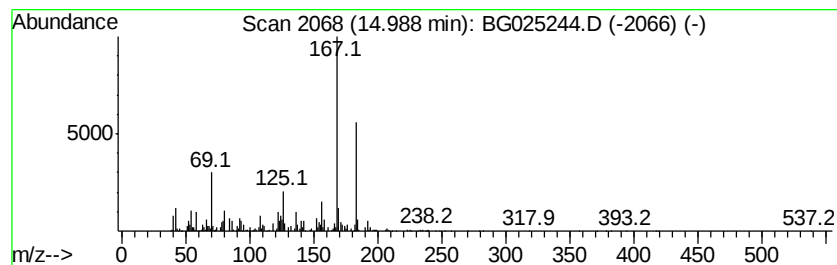
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 5-tert-Butylpyrogallol Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	24.91 ng/ul	1801120	Acenaphthene-d10	14.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-tert-Butylpyrogallol	182	C10H14O3	020481-17-8	64
2		Phenol, 3-[(trimethylsilyl)oxy]-	182	C9H14O2Si	017882-01-8	50
3		5-Fluoro-2-methyl-benzothiazole	167	C8H6FNS	000399-75-7	43
4		Butylphosphonic acid, 2-cyclohexyl...	276	C14H29O3P	1000323-20-5	40
5		Butylphosphonic acid, cyclohexyl...	262	C13H27O3P	1000322-85-8	40



Data Path : Z:\HPCHEM1\BNA G\Data\BG121516\
Data File : BG025244.D
Acq On : 16 Dec 2016 12:21
Operator : UM/SJ
Sample : H5970-22
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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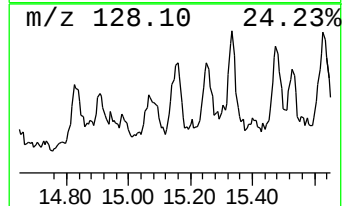
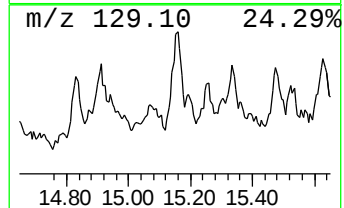
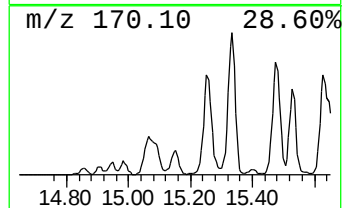
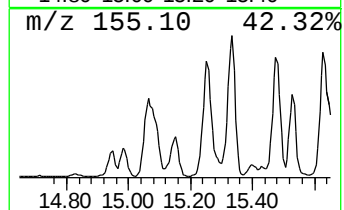
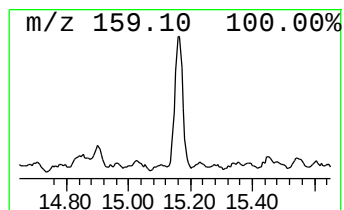
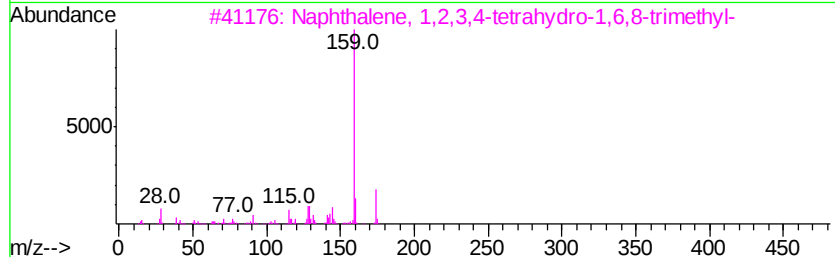
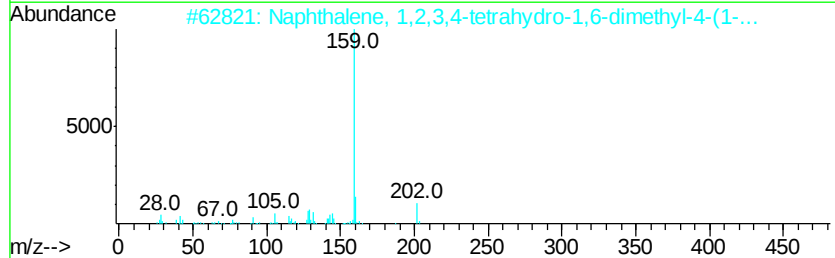
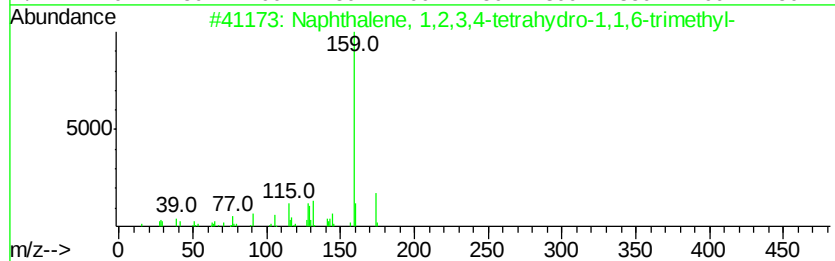
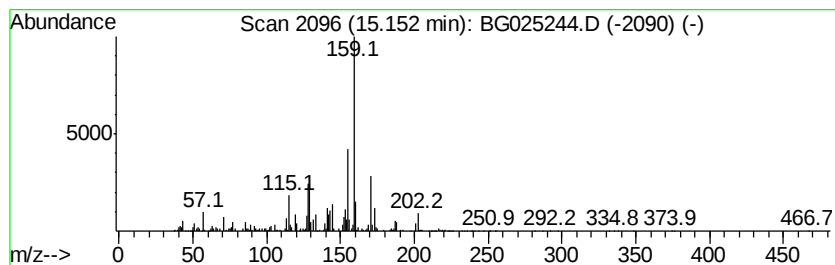
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	42.11 ng/ul	3044540	Acenaphthene-d10	14.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro...	174	C13H18	000475-03-6	60
2		Naphthalene, 1,2,3,4-tetrahydro...	202	C15H22	000483-77-2	60
3		Naphthalene, 1,2,3,4-tetrahydro...	174	C13H18	030316-36-0	60
4		Naphthalene, 1,2,3,4-tetrahydro...	174	C13H18	000475-03-6	60
5		Naphthalene, 1,2,3,4-tetrahydro...	174	C13H18	021693-51-6	50



Data Path : Z:\HPCHEM1\BNA G\Data\BG121516\
Data File : BG025244.D
Acq On : 16 Dec 2016 12:21
Operator : UM/SJ
Sample : H5970-22
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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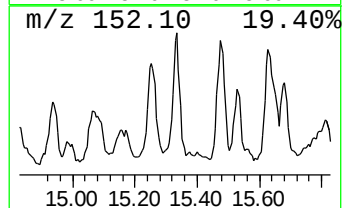
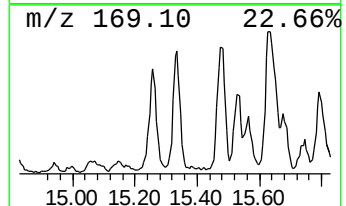
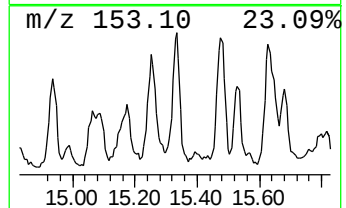
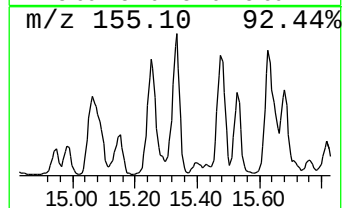
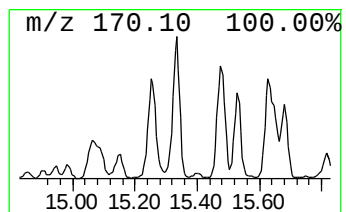
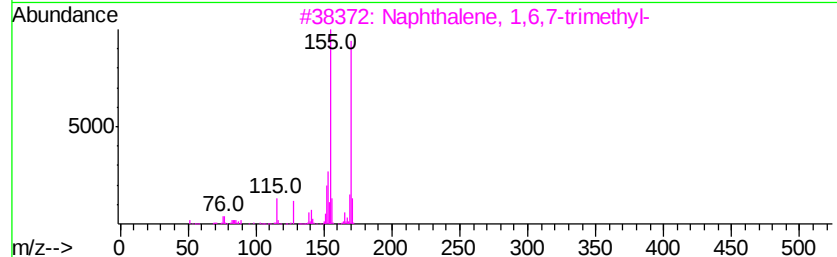
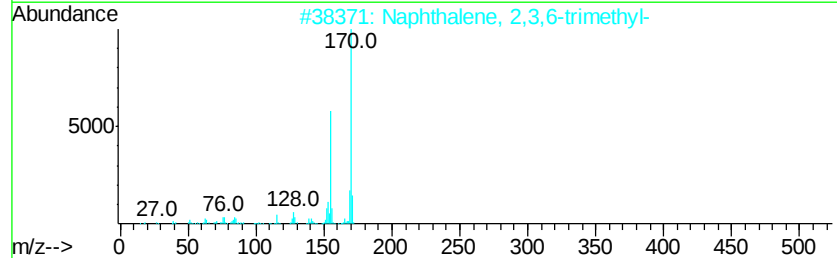
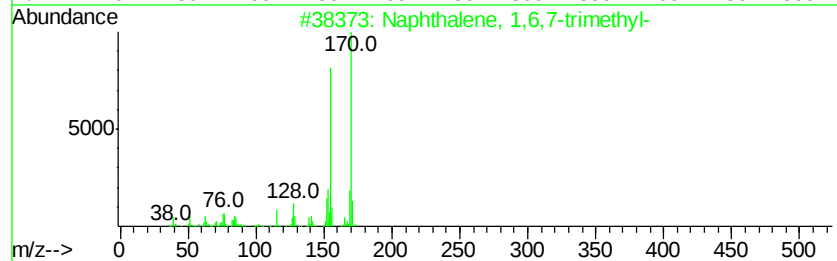
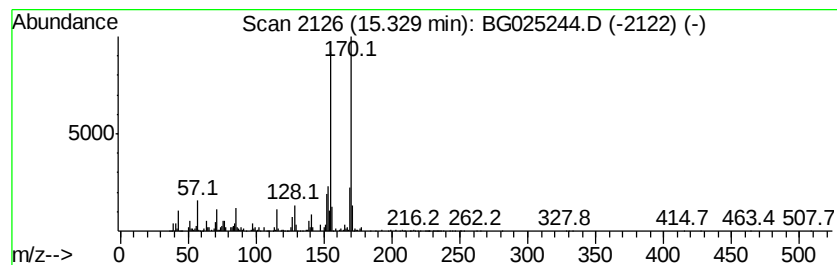
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 Naphthalene, 1,6,7-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	50.27 ng/ul	3634620	Acenaphthene-d10	14.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
4			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
5			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96



Data Path : Z:\HPCHEM1\BNA G\Data\BG121516\
Data File : BG025244.D
Acq On : 16 Dec 2016 12:21
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Sample : H5970-22
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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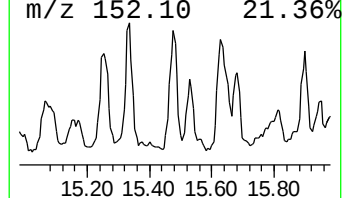
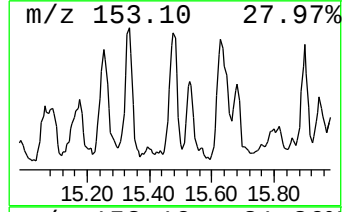
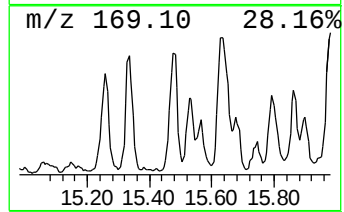
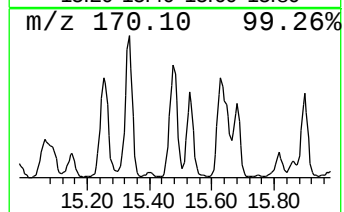
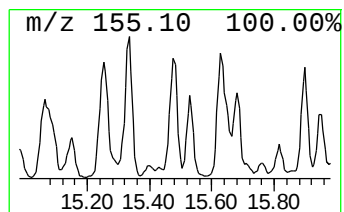
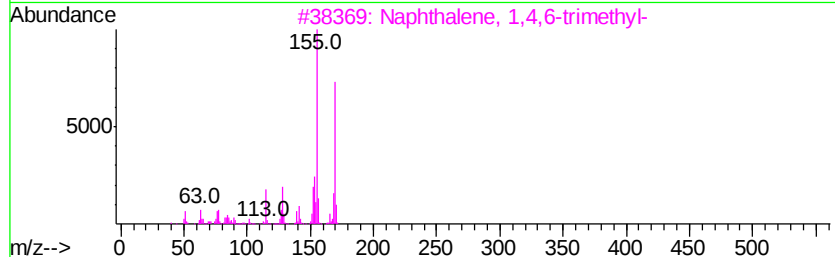
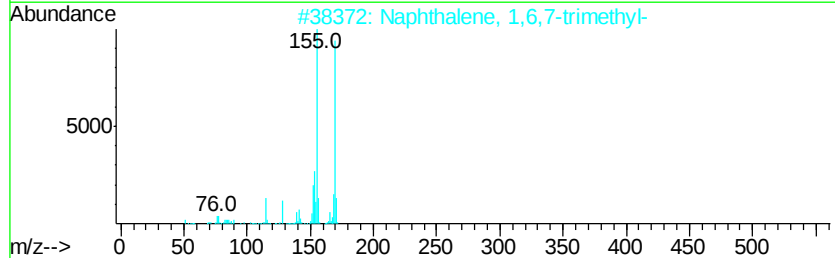
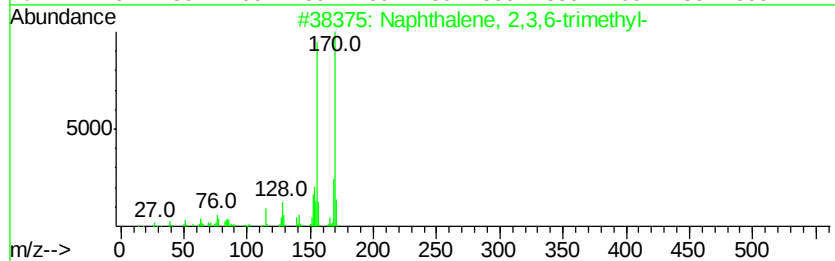
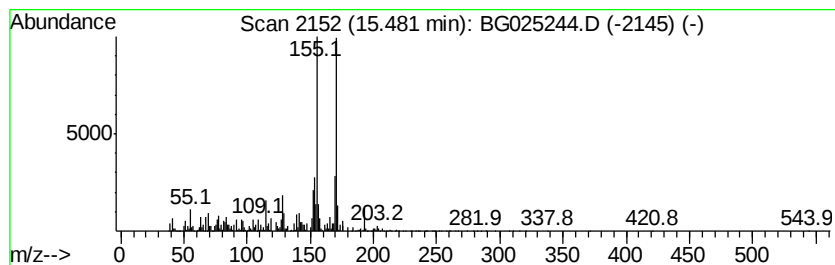
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 Naphthalene, 2,3,6-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.48	87.15 ng/ul	6300830	Acenaphthene-d10	14.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
5		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94



Data Path : Z:\HPCHEM1\BNA G\Data\BG121516\
Data File : BG025244.D
Acq On : 16 Dec 2016 12:21
Operator : UM/SJ
Sample : H5970-22
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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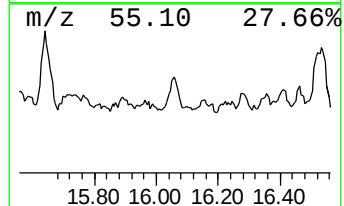
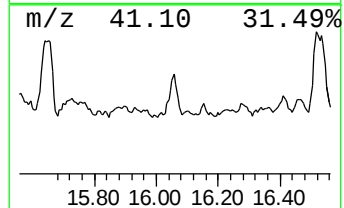
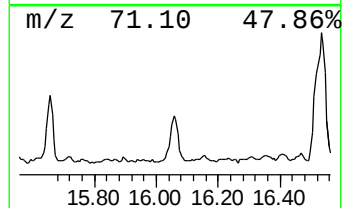
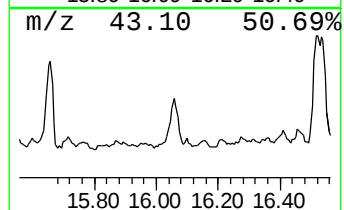
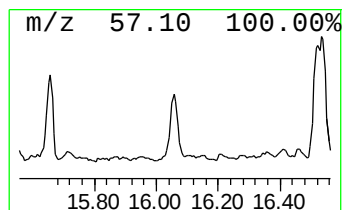
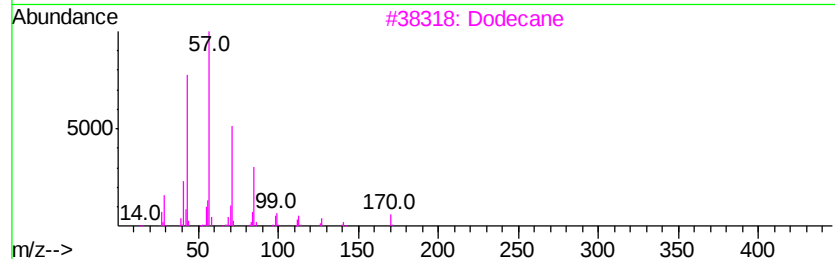
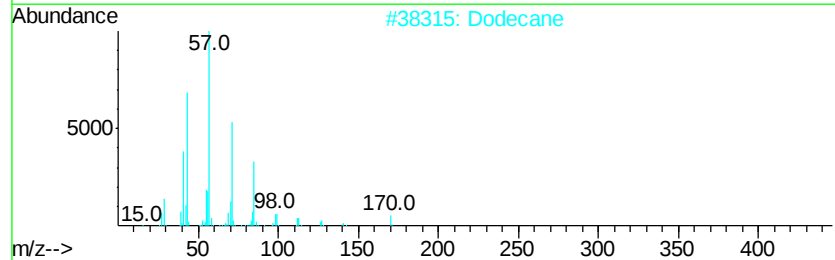
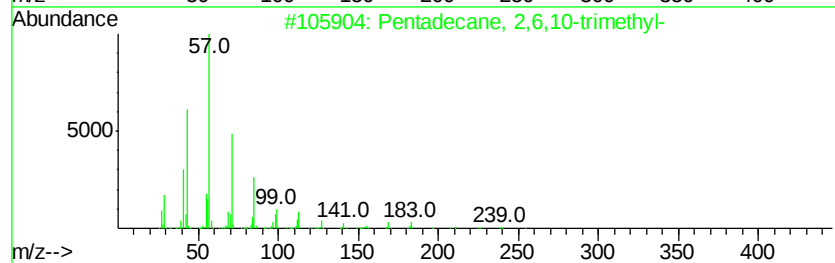
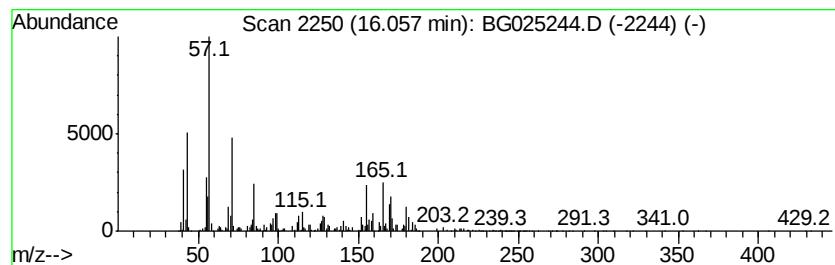
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Quant Title : SVOA CALIBRATION

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

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	55.98 ng/ul	4047720	Acenaphthene-d10	14.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	83
2		Dodecane	170	C12H26	000112-40-3	64
3		Dodecane	170	C12H26	000112-40-3	50
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	46
5		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	41



Data Path : Z:\HPCHEM1\BNA G\Data\BG121516\
Data File : BG025244.D
Acq On : 16 Dec 2016 12:21
Operator : UM/SJ
Sample : H5970-22
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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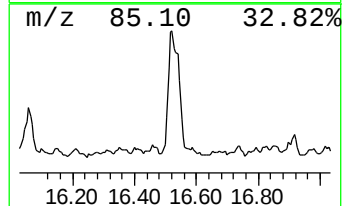
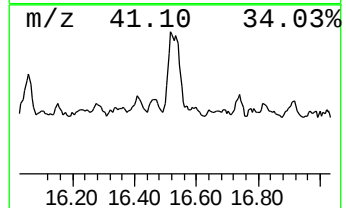
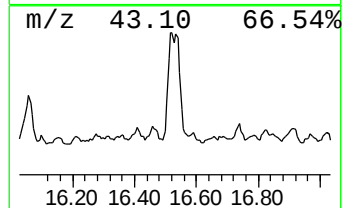
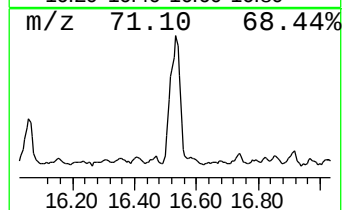
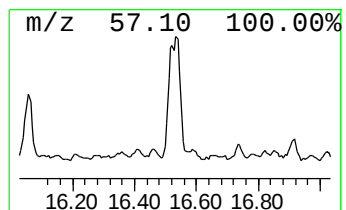
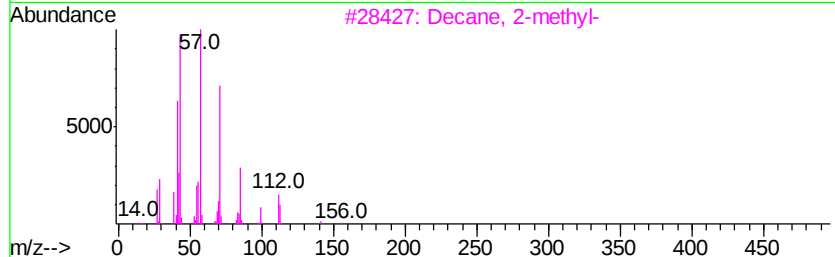
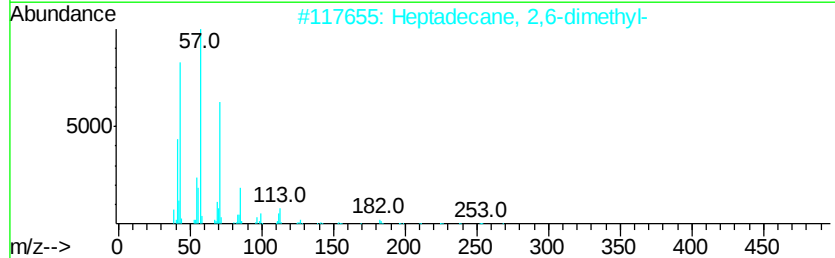
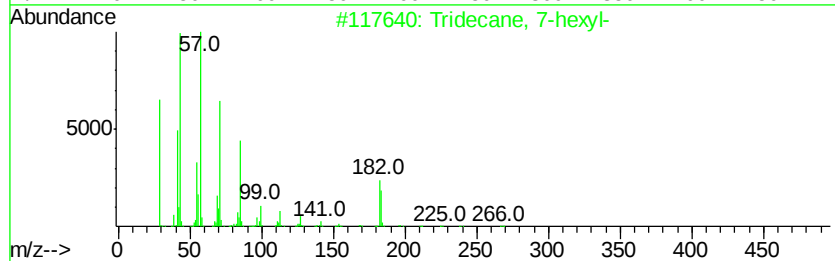
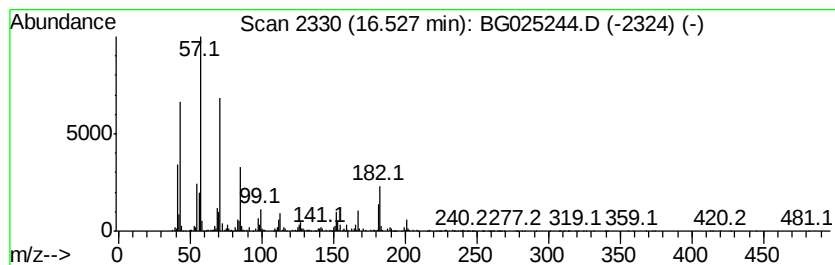
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Quant Title : SVOA CALIBRATION

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

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	142.93 ng/ul	10773300	Phenanthrene-d10	17.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	86
2		Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	81
3		Decane, 2-methyl-	156	C11H24	006975-98-0	81
4		Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	80
5		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	74



Data Path : Z:\HPCHEM1\BNA G\Data\BG121516\
Data File : BG025244.D
Acq On : 16 Dec 2016 12:21
Operator : UM/SJ
Sample : H5970-22
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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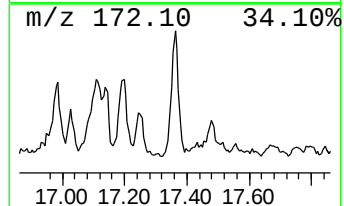
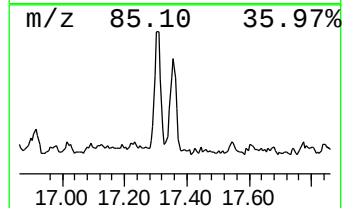
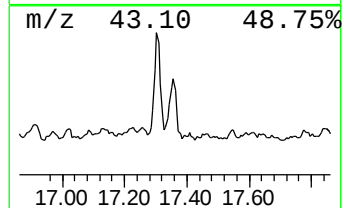
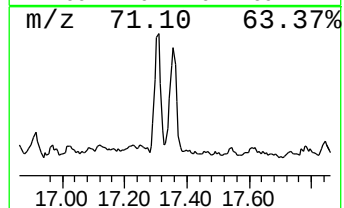
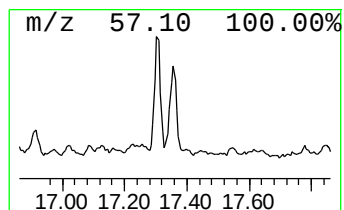
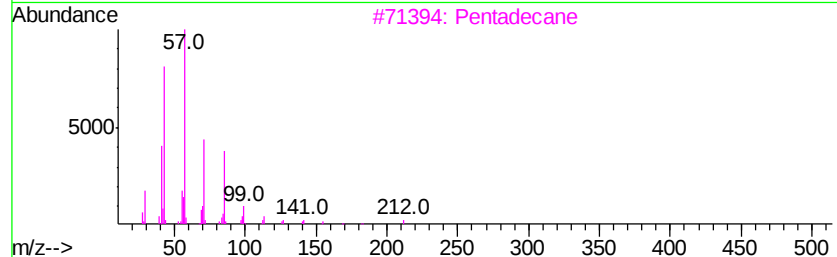
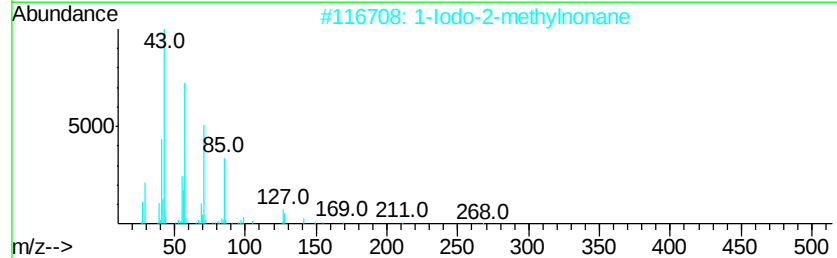
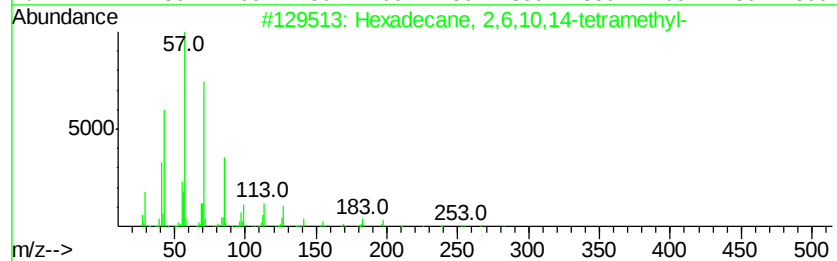
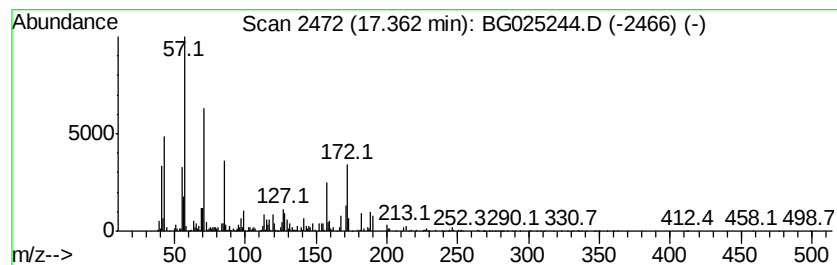
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Quant Title : SVOA CALIBRATION

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

Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.36	38.50 ng/ul	2901870	Phenanthrene-d10	17.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	89
2			1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	55
3			Pentadecane	212	C15H32	000629-62-9	49
4			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	49
5			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	46



Data Path : Z:\HPCHEM1\BNA G\Data\BG121516\
Data File : BG025244.D
Acq On : 16 Dec 2016 12:21
Operator : UM/SJ
Sample : H5970-22
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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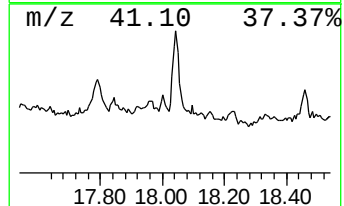
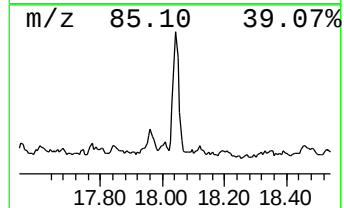
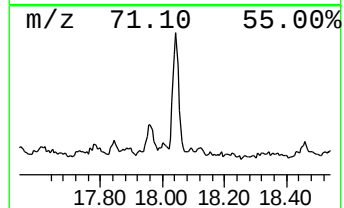
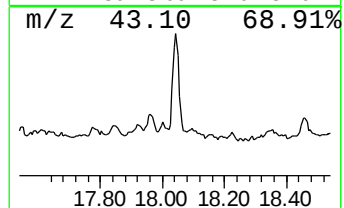
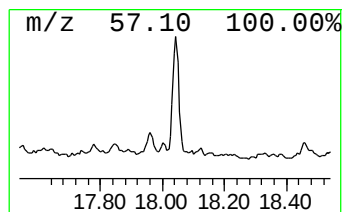
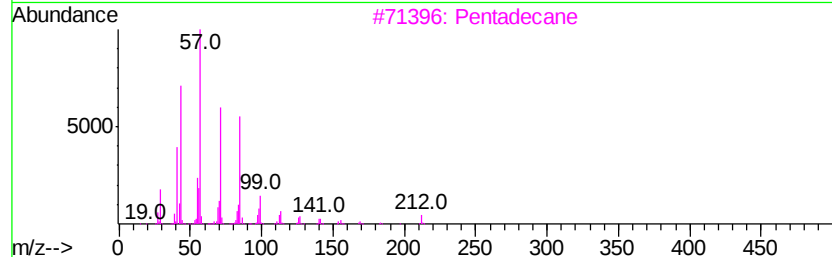
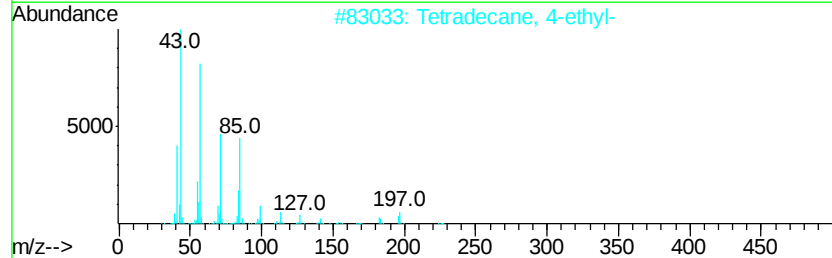
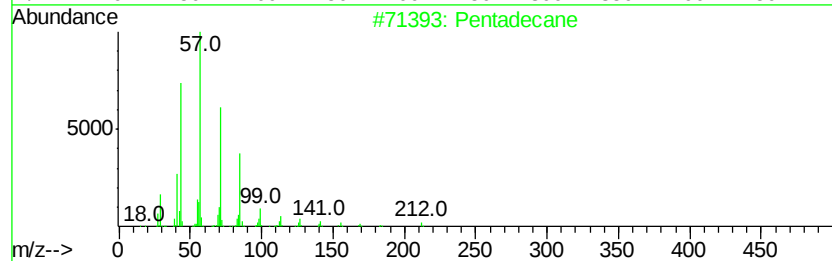
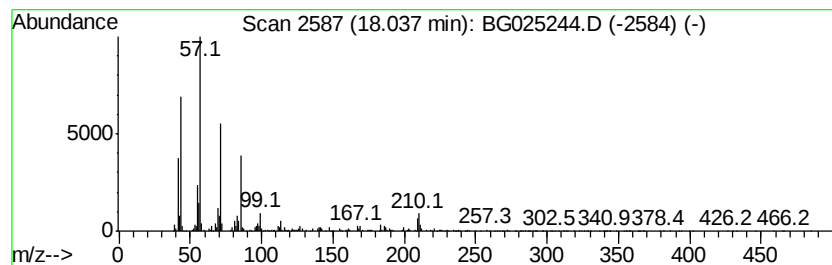
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Quant Title : SVOA CALIBRATION

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

Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	42.69 ng/ul	3217910	Phenanthrene-d10	17.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	92
2		Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	83
3		Pentadecane	212	C15H32	000629-62-9	83
4		Tridecane, 6-propyl-	226	C16H34	055045-10-8	81
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80



Data Path : Z:\HPCHEM1\BNA G\Data\BG121516\
Data File : BG025244.D
Acq On : 16 Dec 2016 12:21
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Sample : H5970-22
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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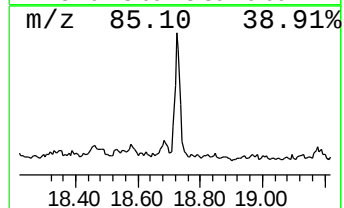
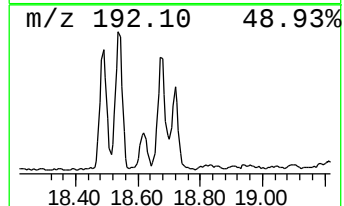
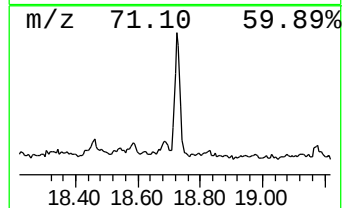
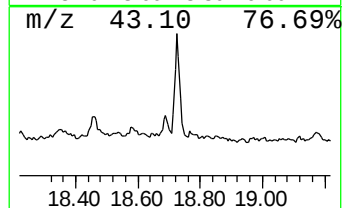
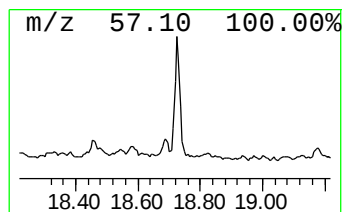
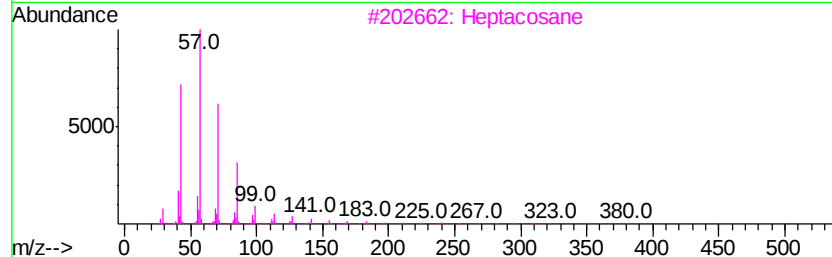
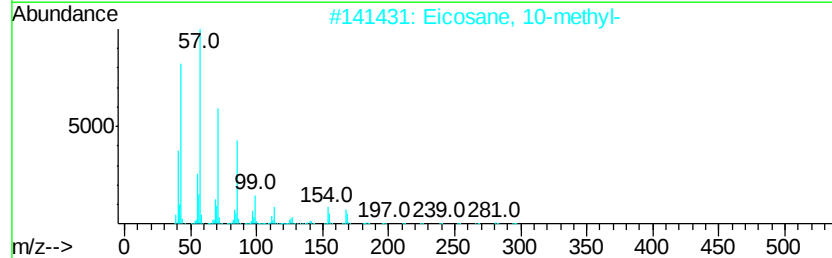
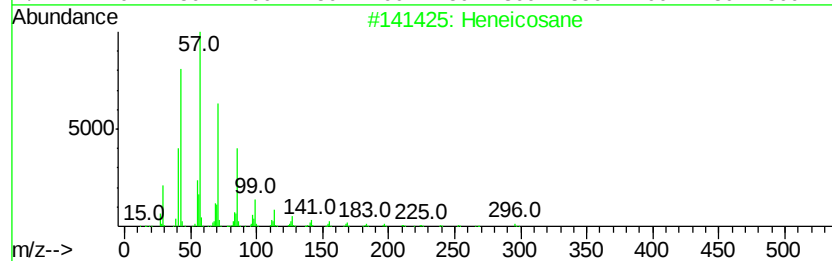
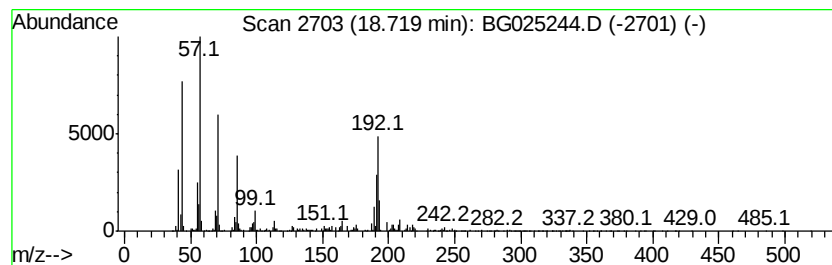
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Quant Title : SVOA CALIBRATION

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

Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	43.97 ng/ul	3314100	Phenanthrene-d10	17.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	95
2			Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3			Heptacosane	380	C27H56	000593-49-7	68
4			Octacosane	394	C28H58	000630-02-4	64
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64



Data Path : Z:\HPCHEM1\BNA G\Data\BG121516\
Data File : BG025244.D
Acq On : 16 Dec 2016 12:21
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Sample : H5970-22
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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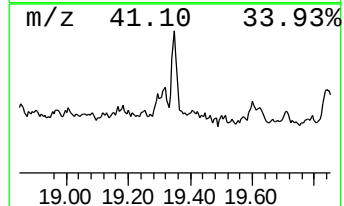
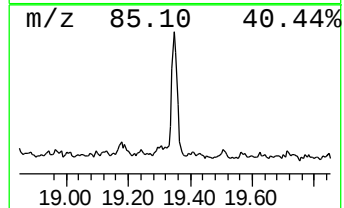
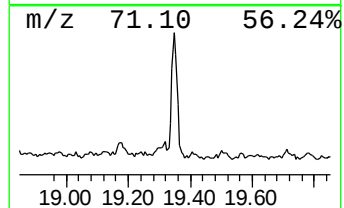
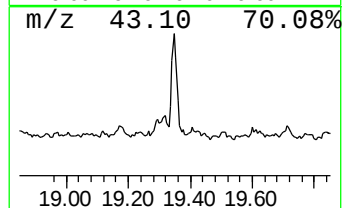
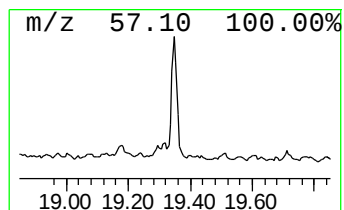
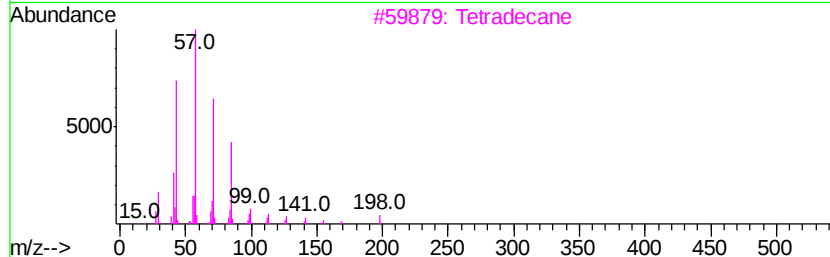
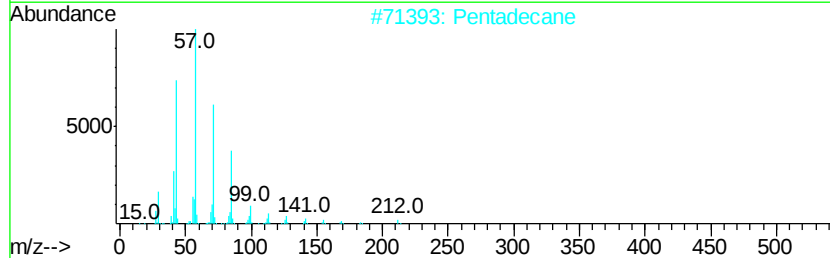
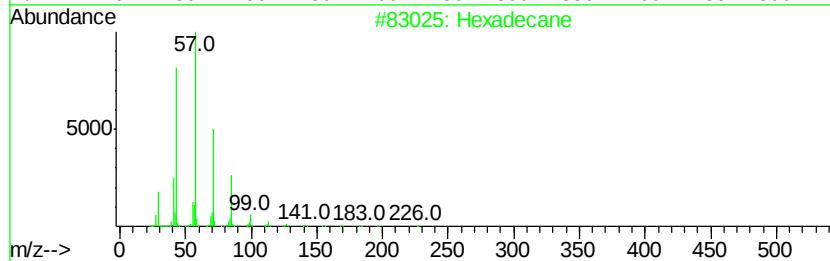
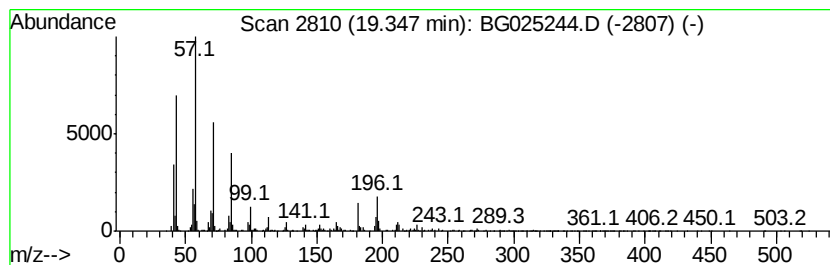
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Quant Title : SVOA CALIBRATION

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

Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	22.53 ng/ul	1698500	Phenanthrene-d10	17.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	96
2		Pentadecane	212	C15H32	000629-62-9	95
3		Tetradecane	198	C14H30	000629-59-4	92
4		Heptadecane	240	C17H36	000629-78-7	92
5		Decane, 1-iodo-	268	C10H21I	002050-77-3	89



Data Path : Z:\HPCHEM1\BNA G\Data\BG121516\
Data File : BG025244.D
Acq On : 16 Dec 2016 12:21
Operator : UM/SJ
Sample : H5970-22
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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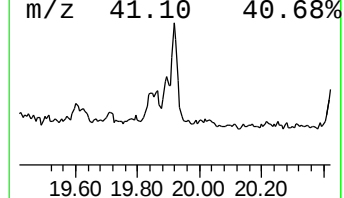
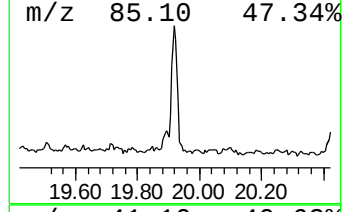
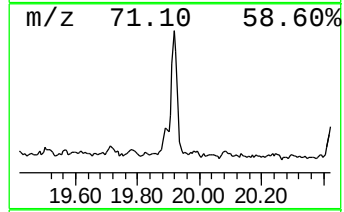
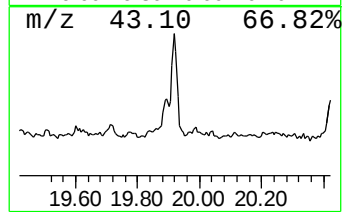
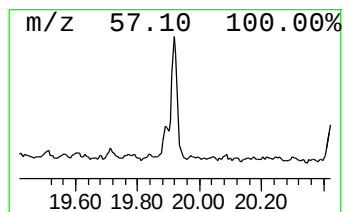
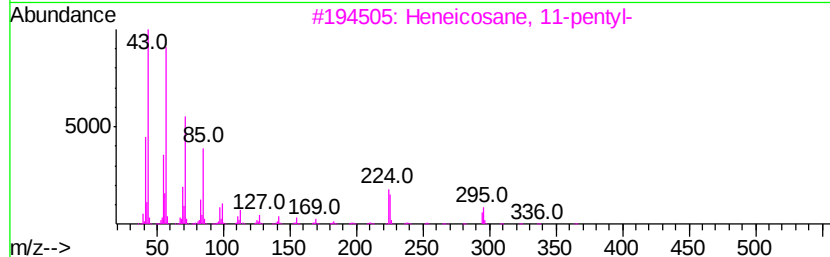
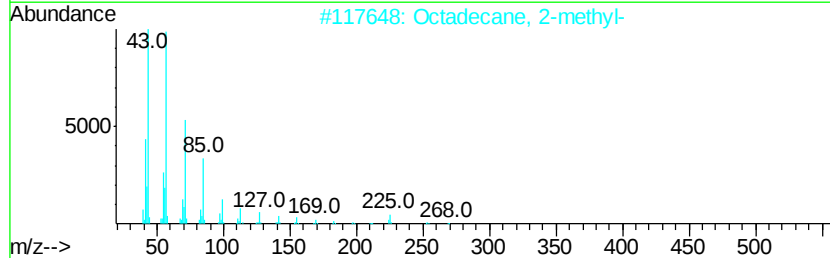
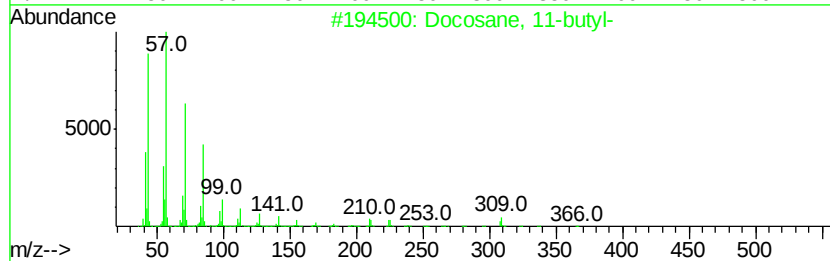
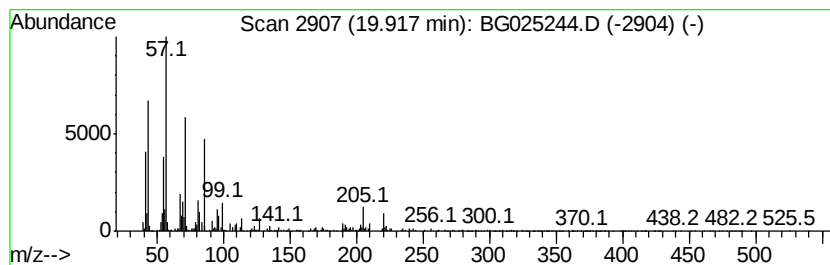
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Quant Title : SVOA CALIBRATION

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

Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.92	29.70 ng/ul	2932690	Chrysene-d12	21.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane, 11-butyl-	366	C26H54	013475-76-8	55
2		Octadecane, 2-methyl-	268	C19H40	001560-88-9	52
3		Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	52
4		Docosane	310	C22H46	000629-97-0	50
5		Docosane	310	C22H46	000629-97-0	50



Data Path : Z:\HPCHEM1\BNA G\Data\BG121516\
Data File : BG025244.D
Acq On : 16 Dec 2016 12:21
Operator : UM/SJ
Sample : H5970-22
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA861

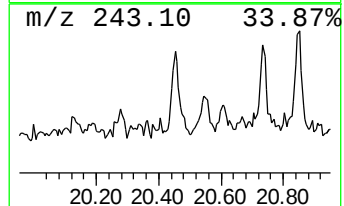
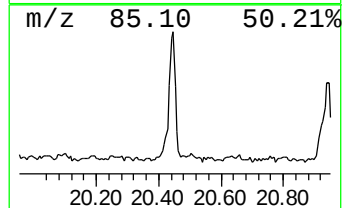
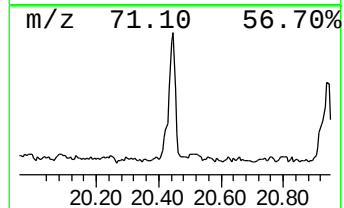
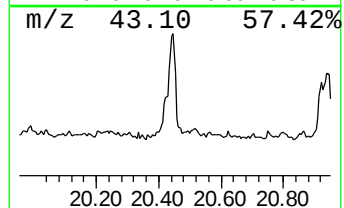
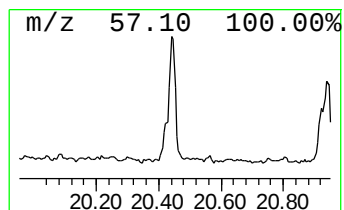
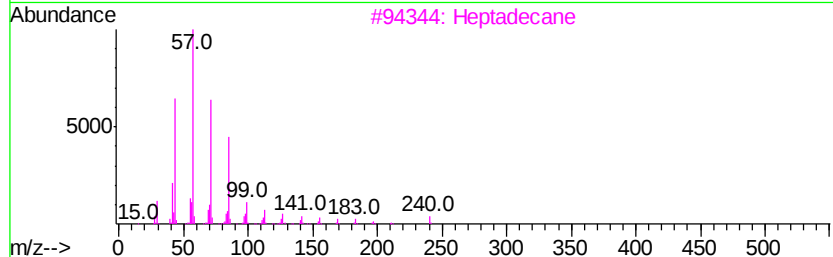
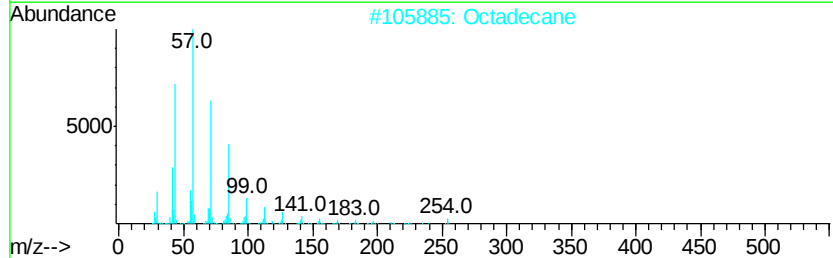
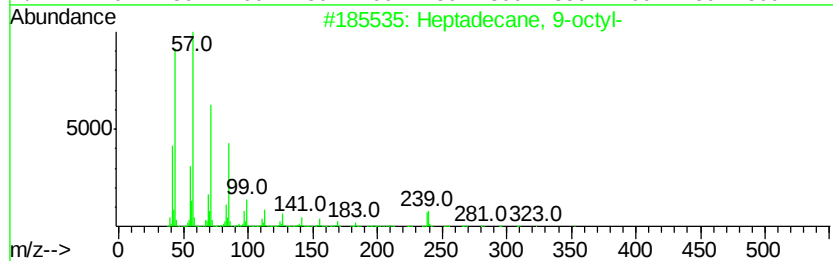
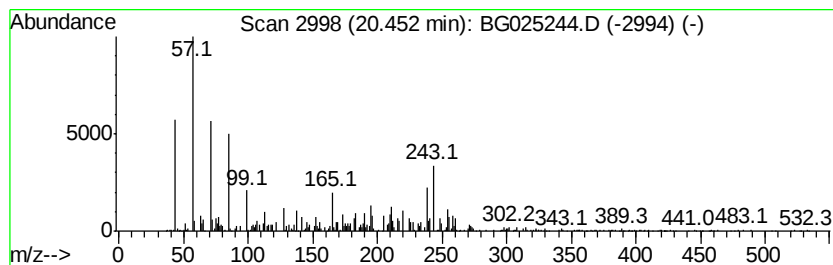
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Quant Title : SVOA CALIBRATION

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

Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.45	18.37 ng/ul	1814460	Chrysene-d12	21.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	81
2		Octadecane	254	C18H38	000593-45-3	76
3		Heptadecane	240	C17H36	000629-78-7	68
4		Octadecane	254	C18H38	000593-45-3	68
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64



Data Path : Z:\HPCHEM1\BNA G\Data\BG121516\
Data File : BG025244.D
Acq On : 16 Dec 2016 12:21
Operator : UM/SJ
Sample : H5970-22
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA861

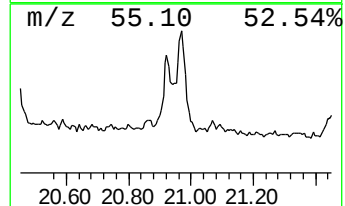
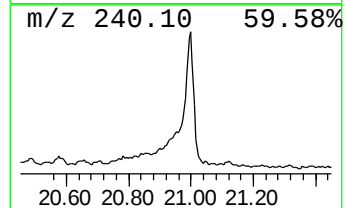
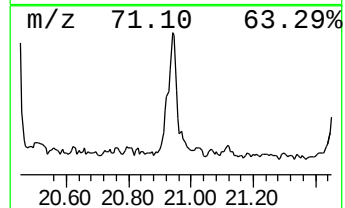
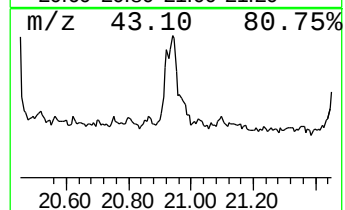
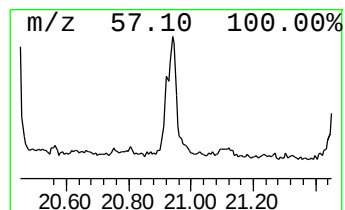
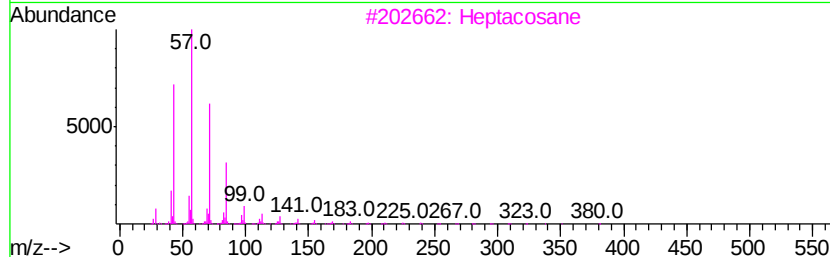
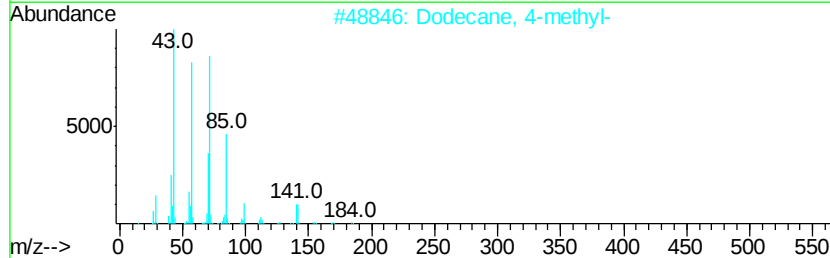
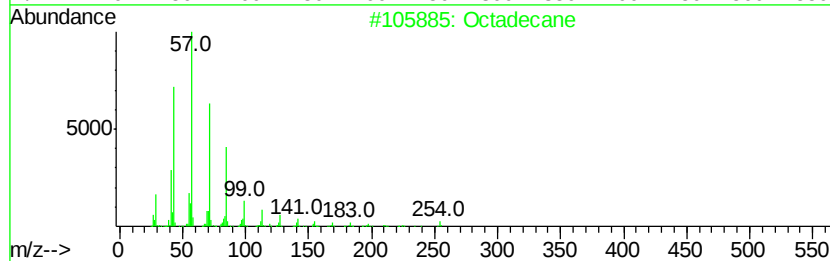
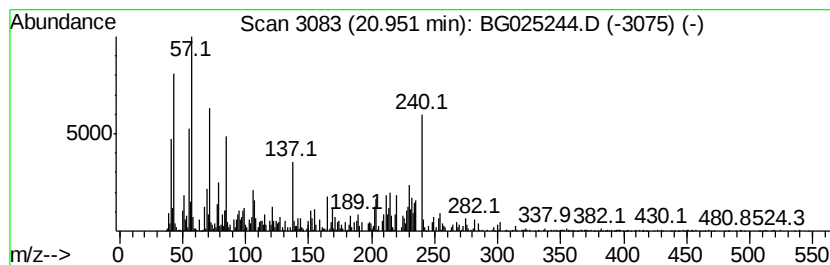
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Quant Title : SVOA CALIBRATION

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

Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	30.70 ng/ul	3031730	Chrysene-d12	21.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	70
2		Dodecane, 4-methyl-	184	C13H28	006117-97-1	70
3		Heptacosane	380	C27H56	000593-49-7	70
4		Eicosane	282	C20H42	000112-95-8	55
5		Heptadecane, 4-methyl-	254	C18H38	026429-11-8	55



Data Path : Z:\HPCHEM1\BNA G\Data\BG121516\
Data File : BG025244.D
Acq On : 16 Dec 2016 12:21
Operator : UM/SJ
Sample : H5970-22
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA861

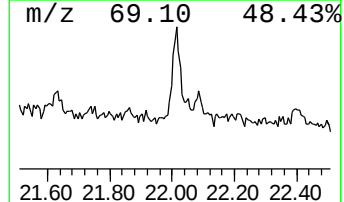
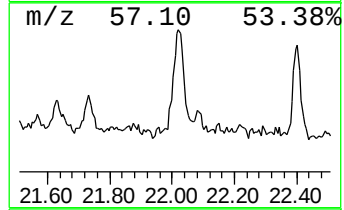
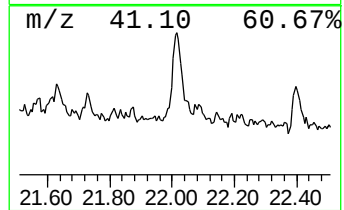
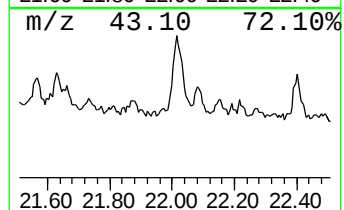
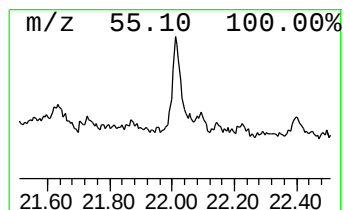
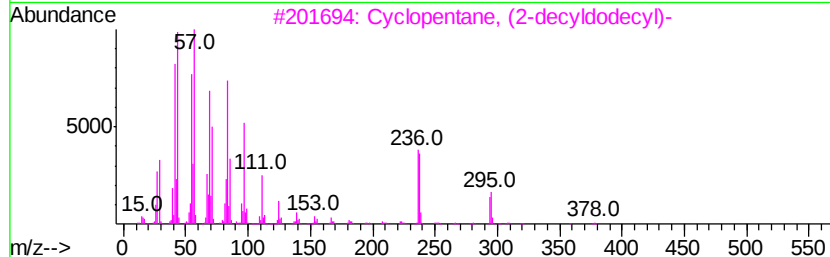
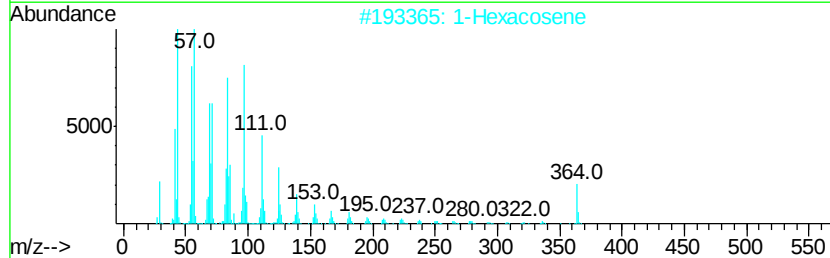
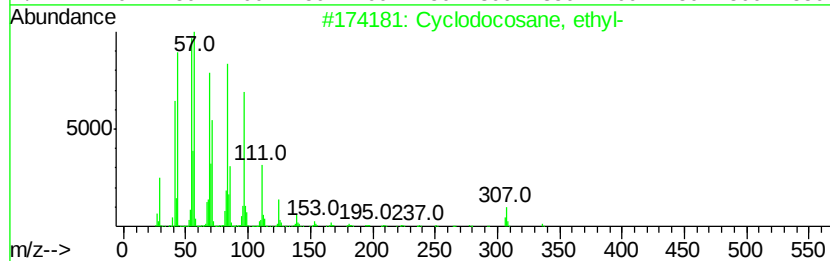
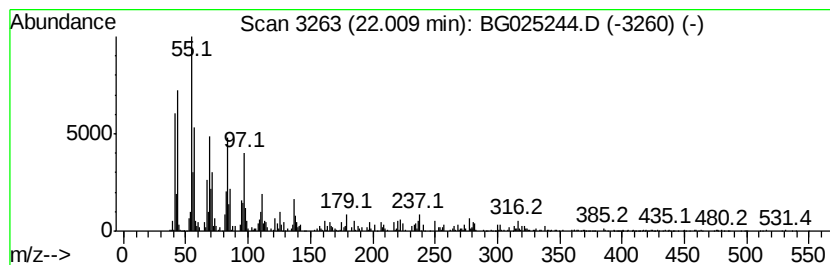
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 65 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.01	17.29 ng/ul	1707370	Chrysene-d12	21.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	95
2		1-Hexacosene	364	C26H52	018835-33-1	93
3		Cyclopentane, (2-decylidodecyl)-	378	C27H54	006703-79-3	93
4		E-14-Hexadecenal	238	C16H30O	330207-53-9	92
5		1-Heneicosyl formate	340	C22H44O2	077899-03-7	90



Data Path : Z:\HPCHEM1\BNA_G\Data\BG121516\
 Data File : BG025244.D
 Acq On : 16 Dec 2016 12:21
 Operator : UM/SJ
 Sample : H5970-22
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA861

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.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...	10.98	9.9	ng/ul	748643	2	11.07	1513380	20.0
1H-Indazole, 3,6-...	11.46	7.9	ng/ul	598616	2	11.07	1513380	20.0
unknown-01	11.74	20.3	ng/ul	1535440	2	11.07	1513380	20.0
unknown-02	11.86	10.8	ng/ul	813276	2	11.07	1513380	20.0
Benzene, (1-methy...	11.96	10.9	ng/ul	823920	2	11.07	1513380	20.0
(DEL) Alkane: Str...	12.03	12.7	ng/ul	963545	2	11.07	1513380	20.0
(DEL) Alkane: Cyc...	12.08	14.0	ng/ul	1057160	2	11.07	1513380	20.0
unknown-03	12.13	15.9	ng/ul	1201060	2	11.07	1513380	20.0
(DEL) Alkane: Cyc...	12.30	15.3	ng/ul	1157570	2	11.07	1513380	20.0
(DEL) Alkane: Str...	12.42	18.3	ng/ul	1383050	2	11.07	1513380	20.0
unknown-04	12.51	12.4	ng/ul	939951	2	11.07	1513380	20.0
unknown-05	12.64	21.7	ng/ul	1641500	2	11.07	1513380	20.0
(DEL) Alkane: Cyc...	12.83	30.9	ng/ul	2334630	2	11.07	1513380	20.0
Naphthalene, 1-me...	12.93	14.0	ng/ul	1058040	2	11.07	1513380	20.0
unknown-06	13.05	13.8	ng/ul	998006	3	14.87	1446020	20.0
unknown-07	13.11	12.0	ng/ul	864541	3	14.87	1446020	20.0
unknown-08	13.22	17.0	ng/ul	1228380	3	14.87	1446020	20.0
Bicyclo[2.2.1]hep...	13.30	22.0	ng/ul	1590670	3	14.87	1446020	20.0
Nonadecane, 1-bromo-	13.35	34.3	ng/ul	2482220	3	14.87	1446020	20.0
unknown-09	13.46	17.5	ng/ul	1264310	3	14.87	1446020	20.0
Decahydro-4,4,8,9...	13.64	75.0	ng/ul	5421010	3	14.87	1446020	20.0
Naphthalene, 2,6-...	14.19	84.4	ng/ul	6101830	3	14.87	1446020	20.0
unknown-10	14.39	9.2	ng/ul	662080	3	14.87	1446020	20.0
Naphthalene, 1,6-...	14.42	11.7	ng/ul	846182	3	14.87	1446020	20.0
Decahydro-8a-ethy...	14.64	17.0	ng/ul	1232260	3	14.87	1446020	20.0
unknown-11	14.68	100.7	ng/ul	7281070	3	14.87	1446020	20.0
5-tert-Butylpyrog...	14.99	24.9	ng/ul	1801120	3	14.87	1446020	20.0
Naphthalene, 1,2,...	15.15	42.1	ng/ul	3044540	3	14.87	1446020	20.0
Naphthalene, 1,6,...	15.33	50.3	ng/ul	3634620	3	14.87	1446020	20.0
Naphthalene, 2,3,...	15.48	87.2	ng/ul	6300830	3	14.87	1446020	20.0
(DEL) Alkane: Str...	16.06	56.0	ng/ul	4047720	3	14.87	1446020	20.0
(DEL) Alkane: Str...	16.53	142.9	ng/ul	10773300	4	17.62	1507520	20.0
(DEL) Alkane: Str...	17.36	38.5	ng/ul	2901870	4	17.62	1507520	20.0
(DEL) Alkane: Str...	18.04	42.7	ng/ul	3217910	4	17.62	1507520	20.0
(DEL) Alkane: Str...	18.72	44.0	ng/ul	3314100	4	17.62	1507520	20.0
(DEL) Alkane: Str...	19.35	22.5	ng/ul	1698500	4	17.62	1507520	20.0
(DEL) Alkane: Str...	19.92	29.7	ng/ul	2932690	5	21.92	1974940	20.0
(DEL) Alkane: Str...	20.45	18.4	ng/ul	1814460	5	21.92	1974940	20.0
(DEL) Alkane: Str...	20.95	30.7	ng/ul	3031730	5	21.92	1974940	20.0
(DEL) Alkane: Str...	22.01	17.3	ng/ul	1707370	5	21.92	1974940	20.0