

Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
 Data File : BG021410.D
 Acq On : 10 Mar 2016 16:15
 Operator : UM/SJ
 Sample : H1616-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P009-SS002-01

Integration Parameters: LSCINT.P

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

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

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

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.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	3.179	53	58	63	rBV3	9629	18010	6.73%	0.363%
2	3.255	67	71	76	rVB	9845	12200	4.56%	0.246%
3	3.526	111	117	121	rVB2	2033	2794	1.04%	0.056%
4	4.054	202	207	213	rBV3	2876	4094	1.53%	0.082%
5	5.617	469	473	477	rVB2	1942	2587	0.97%	0.052%
6	5.746	488	495	503	rBV3	3848	9016	3.37%	0.182%
7	6.117	554	558	562	rVB2	2348	3134	1.17%	0.063%
8	7.092	718	724	730	rBB	2688	3487	1.30%	0.070%
9	7.256	748	752	754	rBV2	2342	2411	0.90%	0.049%
10	7.303	754	760	771	rVB	50916	91208	34.08%	1.837%
11	7.444	778	784	791	rBV	33855	57197	21.37%	1.152%
12	7.662	815	821	828	rBB	49899	81936	30.62%	1.650%
13	7.721	828	831	835	rBV2	2885	3867	1.45%	0.078%
14	7.762	835	838	842	rVB2	4487	5396	2.02%	0.109%
15	8.120	894	899	907	rVB	51035	87139	32.56%	1.755%
16	8.684	990	995	1000	rVB3	1782	3571	1.33%	0.072%
17	8.755	1003	1007	1015	rBB3	4023	6162	2.30%	0.124%
18	8.843	1016	1022	1032	rBB	60010	104775	39.16%	2.110%
19	9.225	1080	1087	1091	rBV	3289	4749	1.77%	0.096%
20	9.289	1091	1098	1104	rBV	49658	93213	34.83%	1.877%
21	10.012	1214	1221	1229	rBB	46133	85183	31.83%	1.716%
22	10.171	1243	1248	1255	rBV3	1846	2933	1.10%	0.059%
23	10.229	1255	1258	1262	rVV2	1291	2396	0.90%	0.048%
24	10.323	1268	1274	1279	rBV4	3845	6373	2.38%	0.128%
25	10.570	1309	1316	1323	rBV2	67580	117442	43.89%	2.365%
26	10.876	1363	1368	1371	rVV2	6819	10634	3.97%	0.214%
27	10.935	1371	1378	1383	rVV	84733	155948	58.28%	3.141%
28	10.982	1383	1386	1392	rVV	14757	22955	8.58%	0.462%
29	11.070	1392	1401	1410	rVV2	17900	37217	13.91%	0.750%
30	11.610	1490	1493	1501	rVB3	2607	3796	1.42%	0.076%
31	11.822	1524	1529	1530	rBV2	2074	2855	1.07%	0.058%
32	11.922	1541	1546	1550	rVV	3096	5217	1.95%	0.105%
33	11.963	1550	1553	1558	rVB3	1469	2429	0.91%	0.049%
34	12.021	1558	1563	1567	rBV2	2124	3526	1.32%	0.071%

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35	12.104	1570	1577	1582	rVB4	2086	4001	1.50%	0.081%
36	12.309	1606	1612	1618	rBV4	12641	20559	7.68%	0.414%
37	12.527	1647	1649	1652	rVV3	2416	3388	1.27%	0.068%
38	12.574	1652	1657	1664	rVB	21301	34721	12.98%	0.699%
39	12.791	1685	1694	1703	rBV2	14097	29977	11.20%	0.604%
40	12.862	1703	1706	1710	rVB2	2421	2909	1.09%	0.059%
41	12.944	1713	1720	1722	rBV3	2607	5531	2.07%	0.111%
42	13.003	1724	1730	1733	rVV5	4949	8305	3.10%	0.167%
43	13.038	1733	1736	1741	rVB3	2029	2810	1.05%	0.057%
44	13.085	1741	1744	1747	rBV2	3352	5558	2.08%	0.112%
45	13.114	1747	1749	1753	rVB2	3224	3363	1.26%	0.068%
46	13.191	1761	1762	1768	rVB3	1882	2355	0.88%	0.047%
47	13.249	1768	1772	1776	rBV5	4252	6883	2.57%	0.139%
48	13.343	1783	1788	1791	rBV4	2083	3057	1.14%	0.062%
49	13.537	1815	1821	1829	rBV2	24526	41620	15.55%	0.838%
50	13.614	1832	1834	1838	rVV3	2128	2931	1.10%	0.059%
51	13.714	1848	1851	1855	rVB4	1899	2657	0.99%	0.054%
52	13.766	1855	1860	1870	rVB3	9250	22554	8.43%	0.454%
53	13.913	1874	1885	1891	rBV5	19767	49965	18.67%	1.006%
54	13.978	1891	1896	1897	rBV3	2402	3213	1.20%	0.065%
55	14.001	1897	1900	1904	rBV4	2484	2720	1.02%	0.055%
56	14.054	1904	1909	1914	rBV3	23594	41351	15.45%	0.833%
57	14.131	1914	1922	1926	rVV	128418	212874	79.55%	4.287%
58	14.178	1926	1930	1936	rVV	54245	87529	32.71%	1.763%
59	14.242	1936	1941	1944	rVV6	4595	7614	2.85%	0.153%
60	14.289	1944	1949	1960	rVB6	9782	22614	8.45%	0.455%
61	14.372	1960	1963	1966	rBV5	2749	3985	1.49%	0.080%
62	14.430	1967	1973	1985	rVV	137777	226669	84.71%	4.565%
63	14.513	1985	1987	1991	rVV4	2755	3339	1.25%	0.067%
64	14.560	1991	1995	1997	rVB4	4922	5243	1.96%	0.106%
65	14.601	1998	2002	2008	rBV	43660	56908	21.27%	1.146%
66	14.736	2019	2025	2031	rVB2	127293	202294	75.60%	4.074%
67	14.942	2053	2060	2064	rBV5	13127	30241	11.30%	0.609%
68	14.994	2064	2069	2076	rVV	33093	67814	25.34%	1.366%
69	15.118	2082	2090	2095	rVB5	13102	30654	11.46%	0.617%
70	15.200	2099	2104	2111	rBV3	18069	35664	13.33%	0.718%
71	15.341	2123	2128	2133	rBV3	12883	21960	8.21%	0.442%

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72	15.394	2133	2137	2141	rVV2	14941	23465	8.77%	0.473%
73	15.441	2142	2145	2149	rVB5	5377	7959	2.97%	0.160%
74	15.511	2151	2157	2160	rBV4	14031	28290	10.57%	0.570%
75	15.547	2160	2163	2169	rVB	66732	85122	31.81%	1.714%
76	15.611	2169	2174	2176	rBV5	4598	8484	3.17%	0.171%
77	15.653	2179	2181	2185	rBV5	4936	7083	2.65%	0.143%
78	15.723	2187	2193	2198	rVV	174024	256842	95.98%	5.173%
79	15.764	2198	2200	2203	rVV3	6385	6968	2.60%	0.140%
80	15.841	2205	2213	2221	rVV2	57407	99215	37.08%	1.998%
81	15.940	2226	2230	2236	rBV6	13677	30627	11.45%	0.617%
82	16.046	2242	2248	2252	rBV6	10654	22953	8.58%	0.462%
83	16.175	2266	2270	2273	rVB4	12890	16506	6.17%	0.332%
84	16.410	2305	2310	2319	rBV2	70808	128999	48.21%	2.598%
85	16.575	2335	2338	2340	rBV4	6452	7969	2.98%	0.160%
86	16.745	2365	2367	2370	rBV4	7812	10369	3.87%	0.209%
87	16.810	2376	2378	2380	rBV3	7933	9258	3.46%	0.186%
88	16.980	2403	2407	2410	rBV4	11501	19255	7.20%	0.388%
89	17.198	2436	2444	2448	rBV	70154	106919	39.96%	2.153%
90	17.474	2485	2491	2495	rBV	159376	254399	95.07%	5.124%
91	17.515	2495	2498	2503	rVV	46610	67020	25.05%	1.350%
92	17.574	2503	2508	2513	rVV	175047	264997	99.03%	5.337%
93	17.938	2567	2570	2575	rVB	58077	72751	27.19%	1.465%
94	18.343	2635	2639	2642	rBV2	54336	81601	30.49%	1.643%
95	18.390	2644	2647	2653	rVB2	46067	70300	26.27%	1.416%
96	18.625	2684	2687	2691	rVB	46813	52754	19.71%	1.062%
97	19.248	2789	2793	2797	rBV	82488	111703	41.74%	2.250%
98	19.848	2891	2895	2899	rBV	170702	243791	91.11%	4.910%
99	21.739	3213	3217	3222	rVB	164618	267590	100.00%	5.389%
100	24.789	3731	3736	3744	rVB	98563	230277	86.06%	4.638%

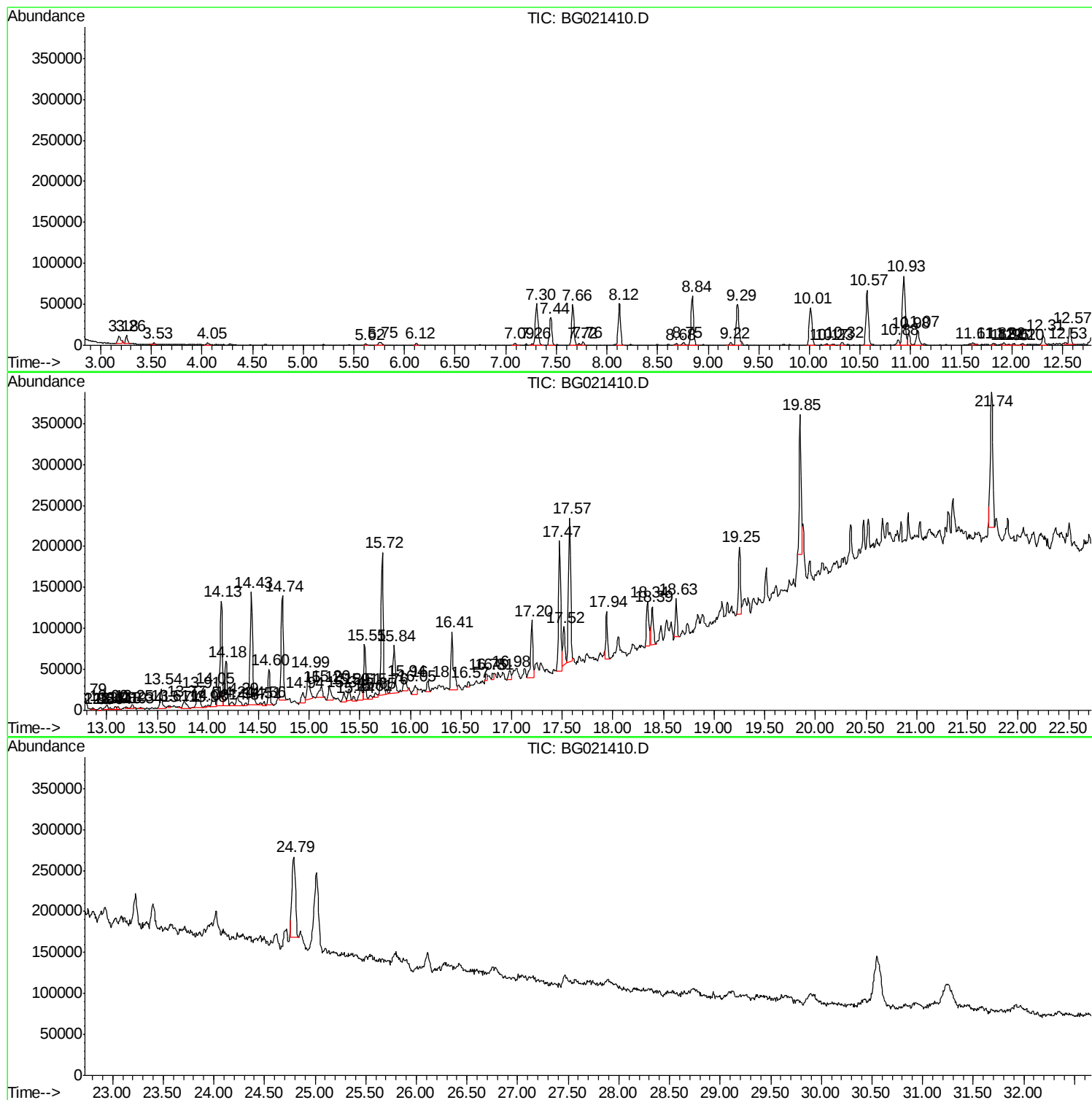
Sum of corrected areas: 4965146

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

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



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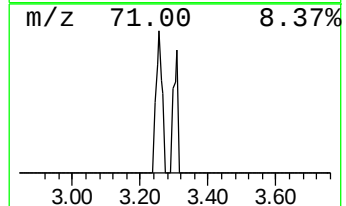
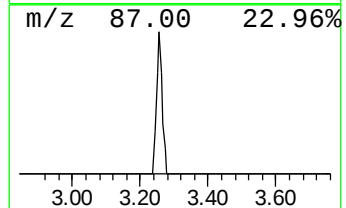
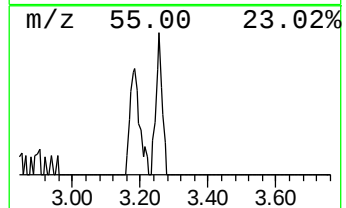
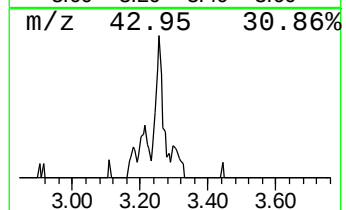
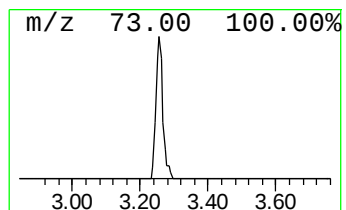
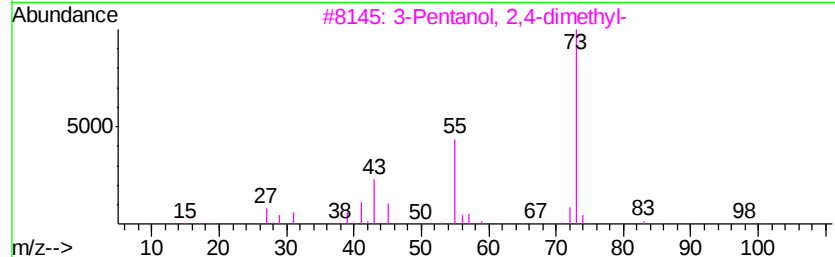
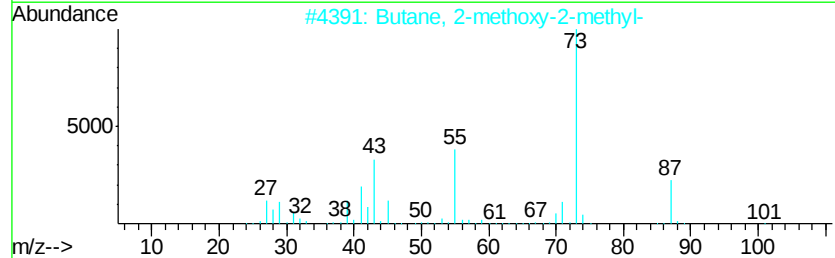
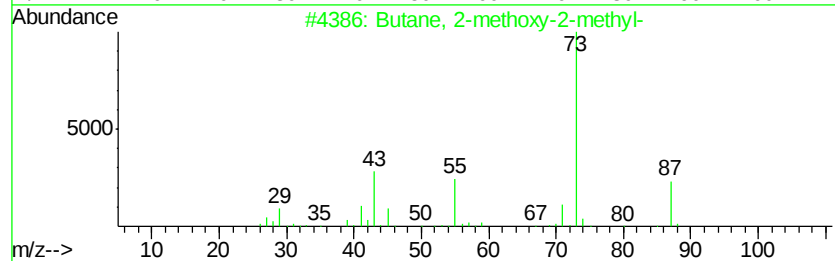
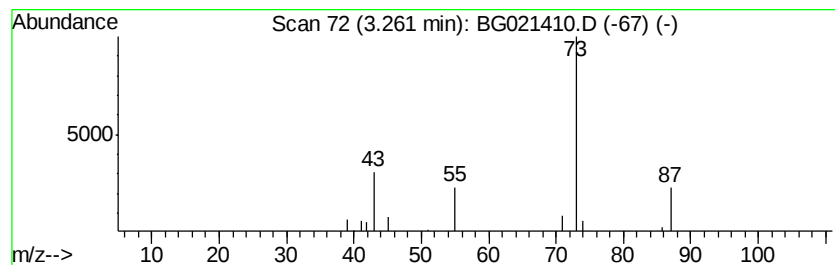
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.26	2.80 ng/ul	12200	1,4-Dichlorobenzene-d4	8.13

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
3			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4			2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9
5			N-Ethylformamide	73	C3H7NO	000627-45-2	7



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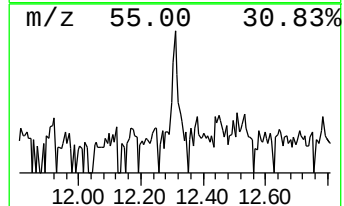
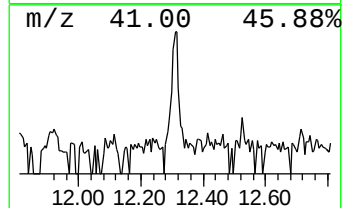
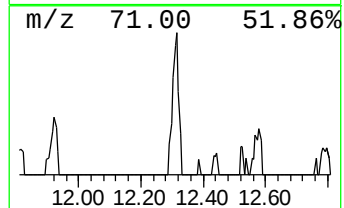
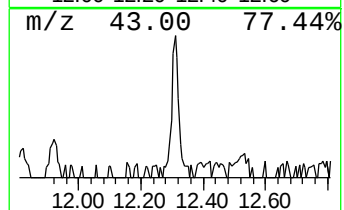
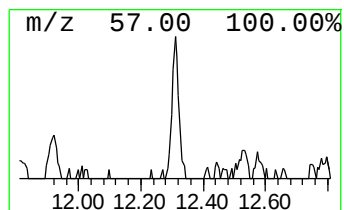
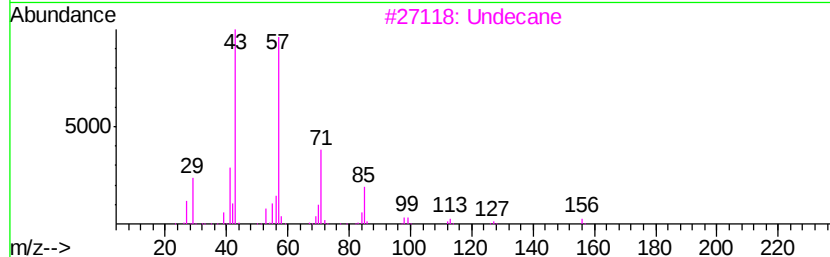
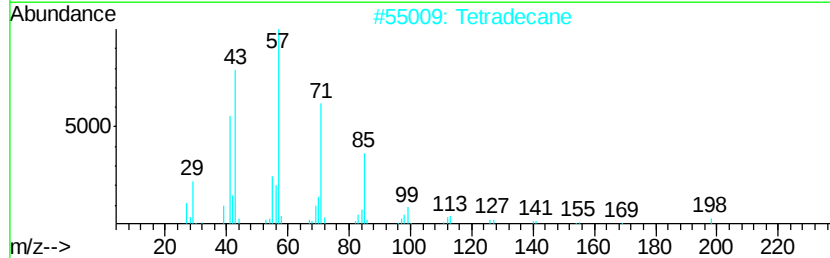
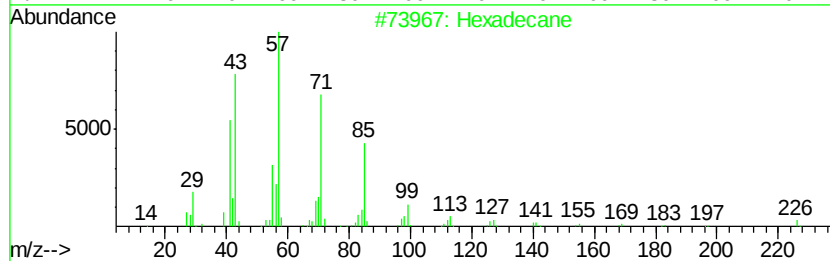
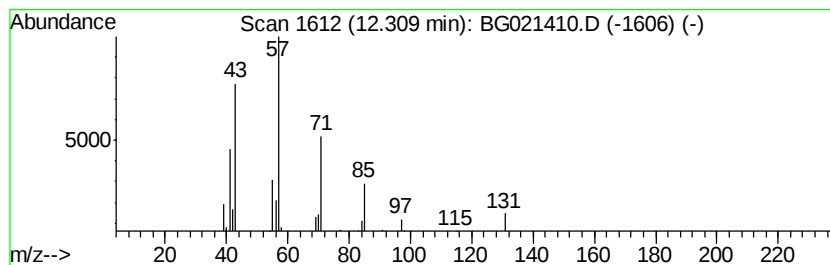
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	2.64 ng/ul	20559	Naphthalene-d8	10.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	72
2		Tetradecane	198	C14H30	000629-59-4	72
3		Undecane	156	C11H24	001120-21-4	64
4		Decane	142	C10H22	000124-18-5	64
5		2,6-Dimethyldecane	170	C12H26	013150-81-7	59



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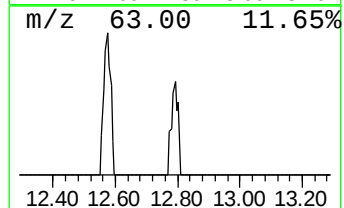
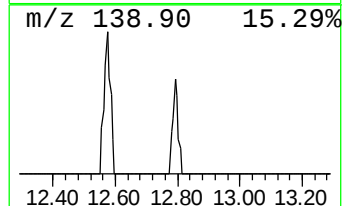
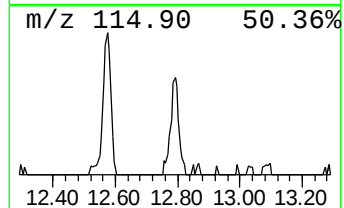
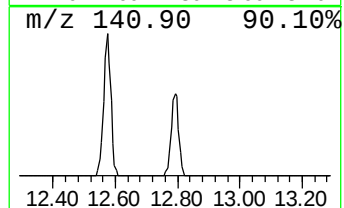
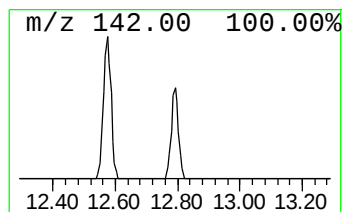
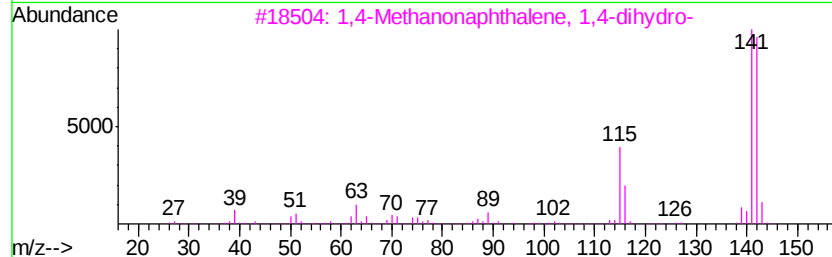
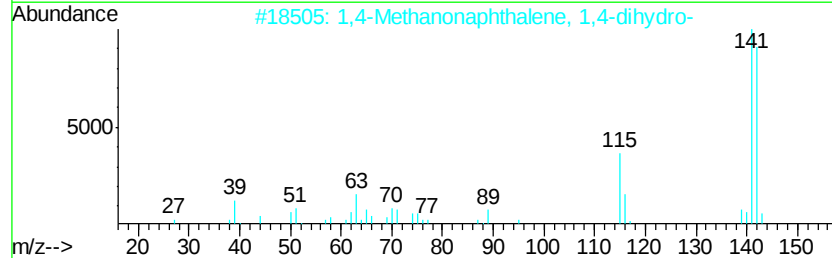
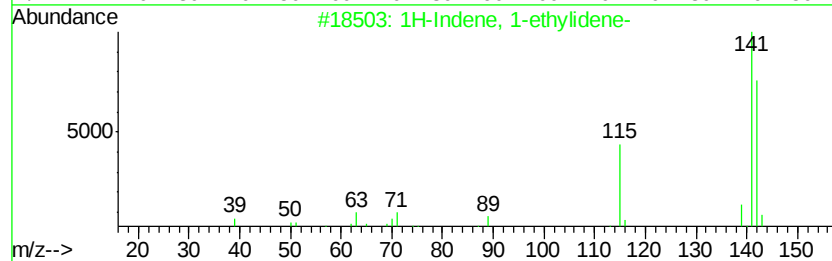
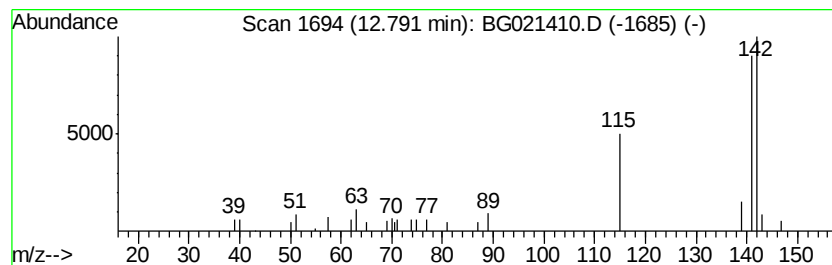
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Peak Number 5 1H-Indene, 1-ethylidene- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	3.84 ng/ul	29977	Naphthalene-d8	10.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	91
2		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
3		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	86
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	80
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	80



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021410.D
Acq On : 10 Mar 2016 16:15
Operator : UM/SJ
Sample : H1616-09
Misc :
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Instrument :
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ClientSampleId :
P009-SS002-01

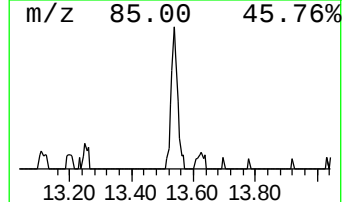
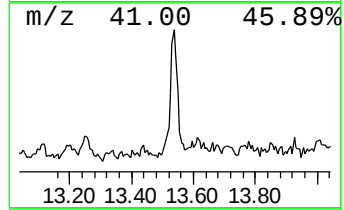
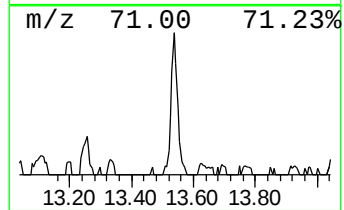
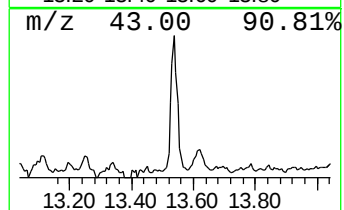
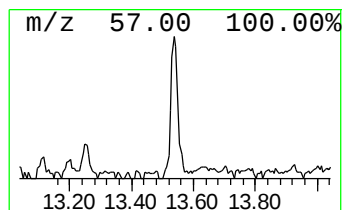
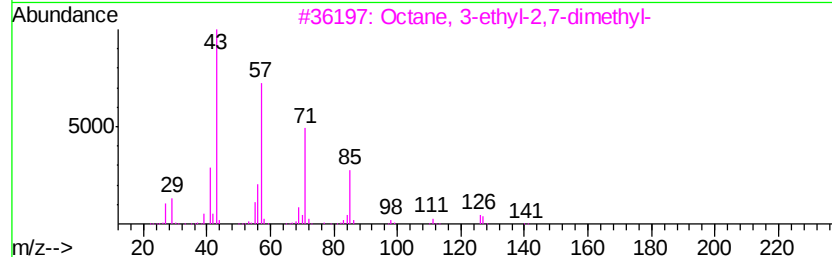
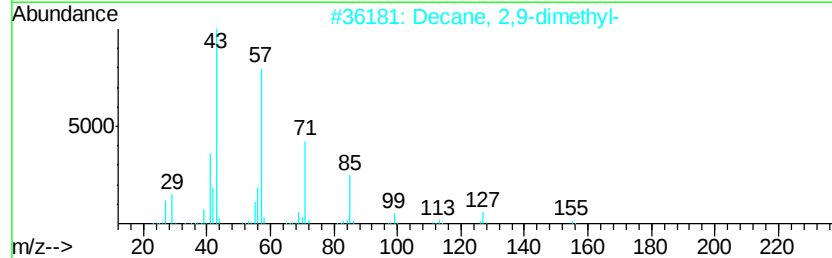
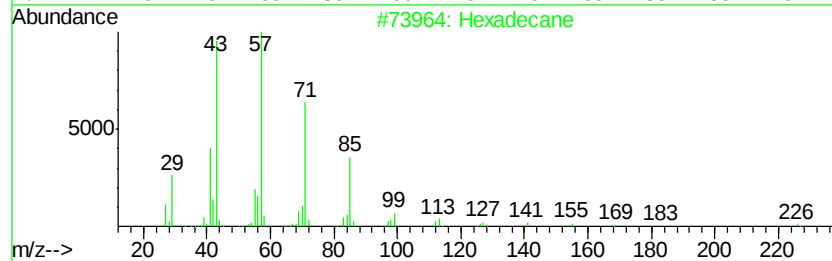
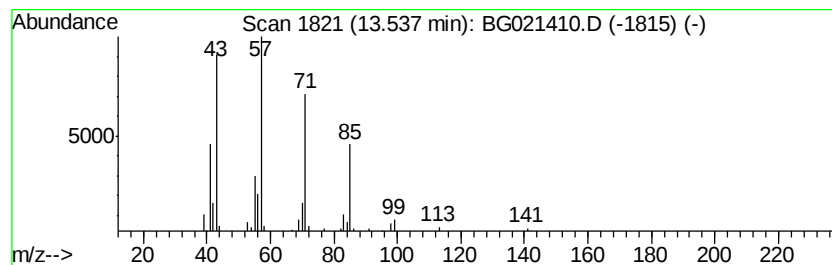
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	4.11 ng/ul	41620	Acenaphthene-d10	14.74

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	86
2			Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	78
3			Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	72
4			Tridecane	184	C13H28	000629-50-5	64
5			Hexadecane	226	C16H34	000544-76-3	64



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021410.D
Acq On : 10 Mar 2016 16:15
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Misc :
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Instrument :
BNA_G
ClientSampleId :
P009-SS002-01

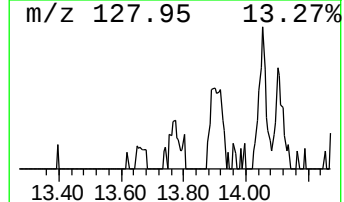
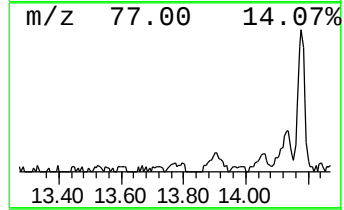
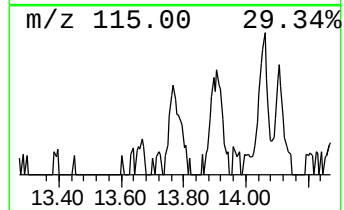
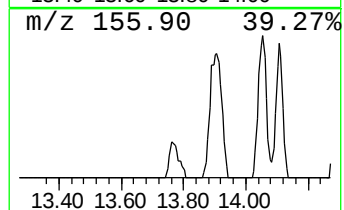
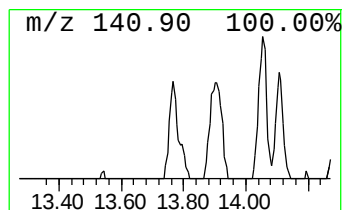
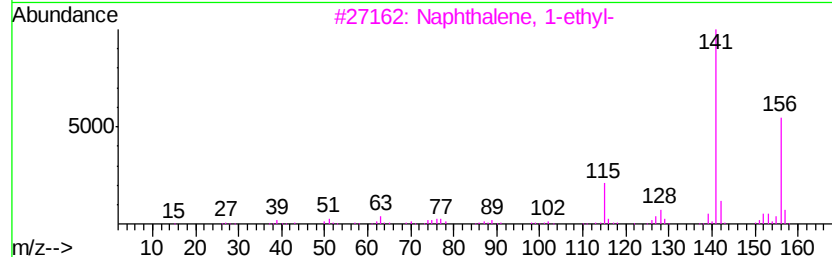
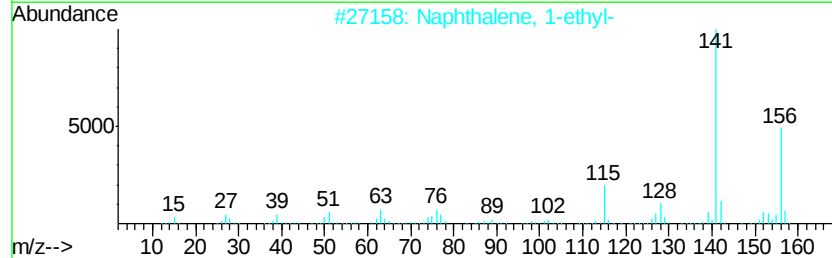
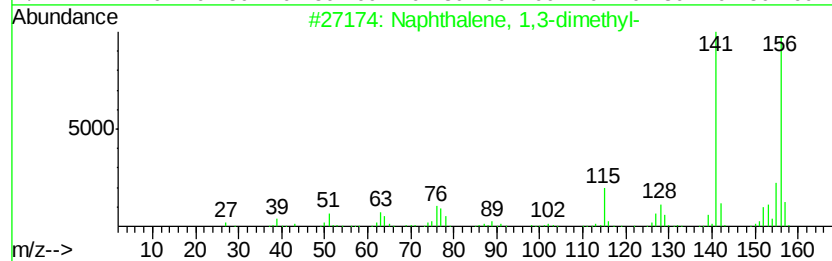
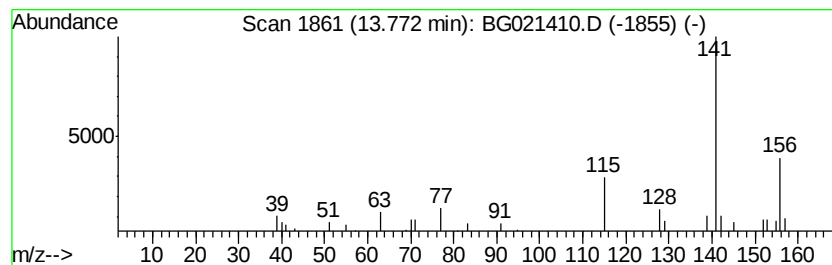
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Naphthalene, 1,3-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	2.23 ng/ul	22554	Acenaphthene-d10	14.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	91
2		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	86
3		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	83
4		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	80
5		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	80



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021410.D
Acq On : 10 Mar 2016 16:15
Operator : UM/SJ
Sample : H1616-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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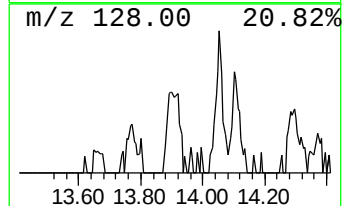
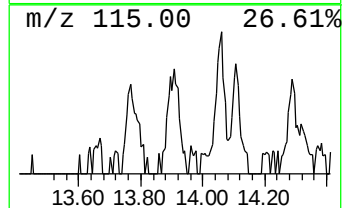
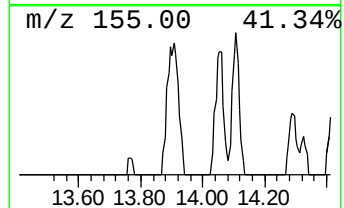
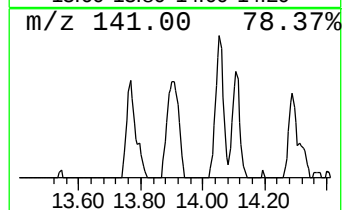
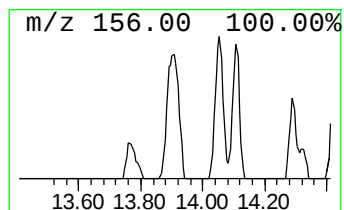
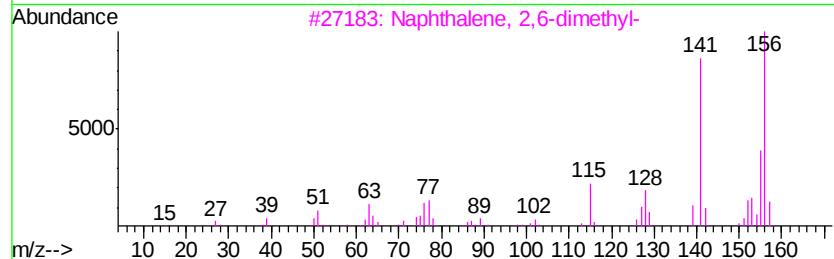
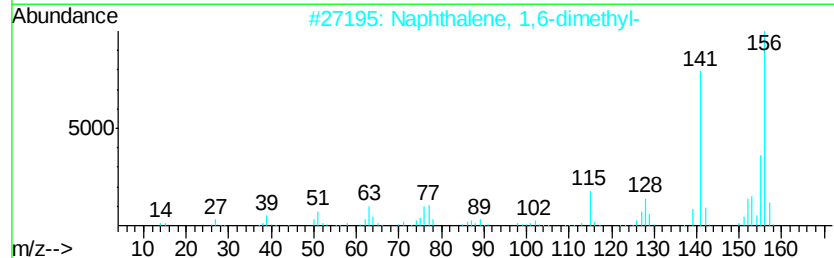
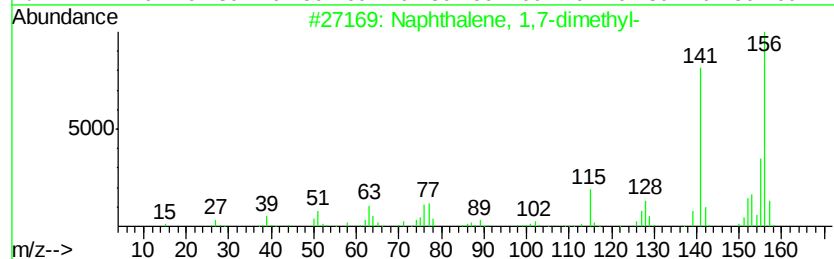
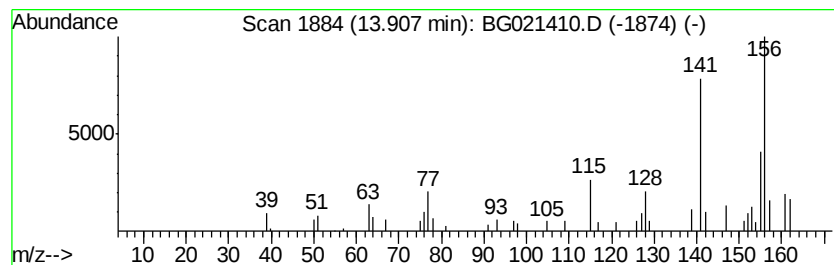
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Naphthalene, 1,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	4.94 ng/ul	49965	Acenaphthene-d10	14.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021410.D
Acq On : 10 Mar 2016 16:15
Operator : UM/SJ
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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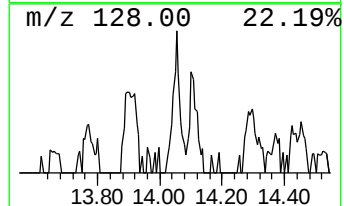
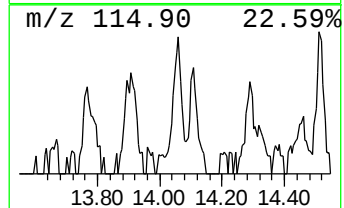
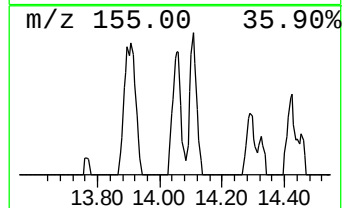
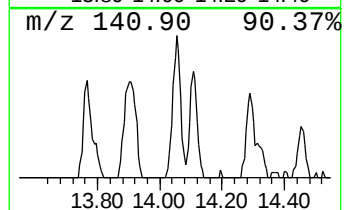
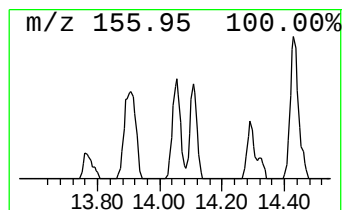
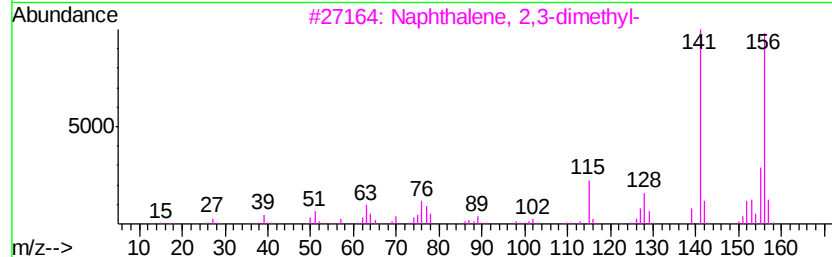
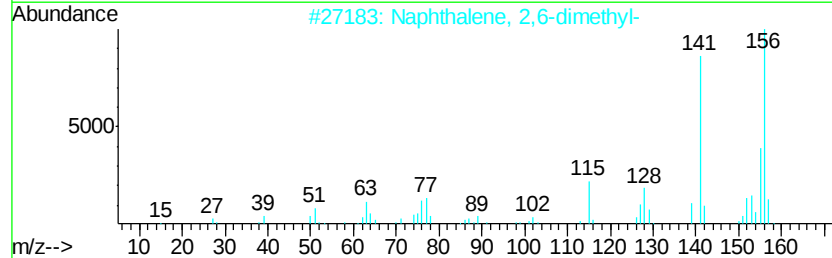
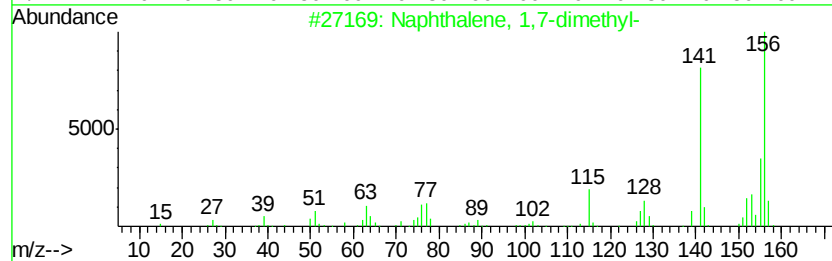
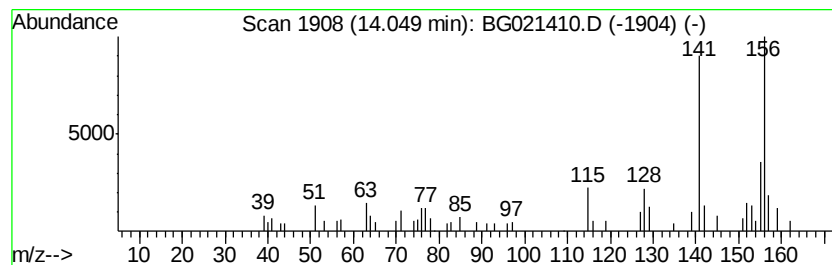
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Naphthalene, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	4.09 ng/ul	41351	Acenaphthene-d10	14.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021410.D
Acq On : 10 Mar 2016 16:15
Operator : UM/SJ
Sample : H1616-09
Misc :
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Instrument :
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ClientSampleId :
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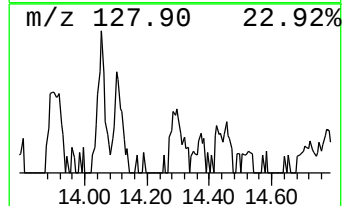
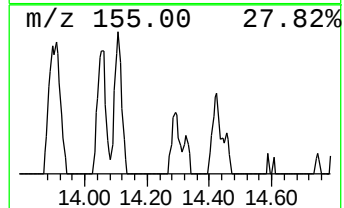
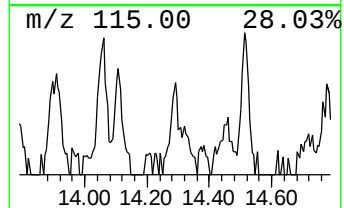
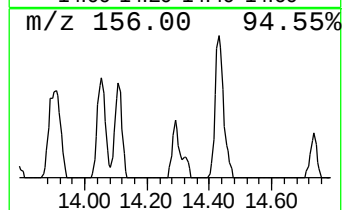
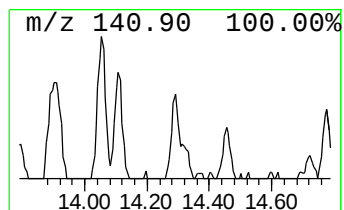
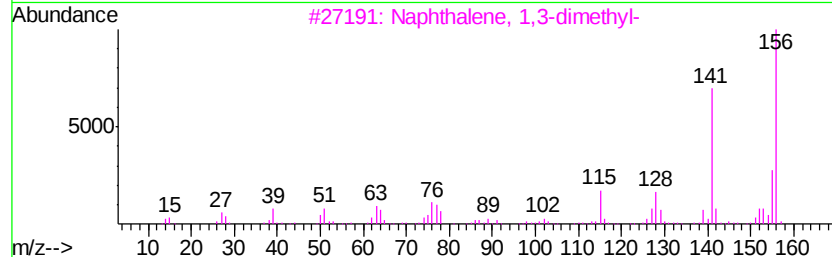
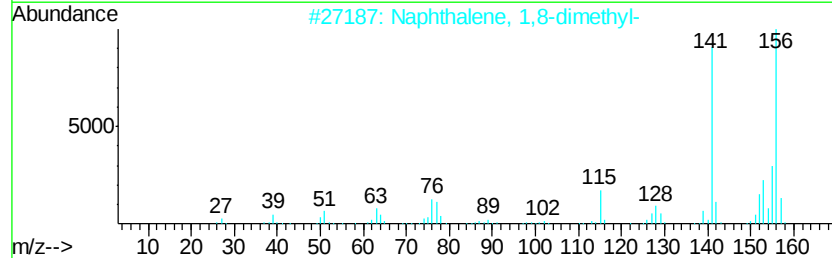
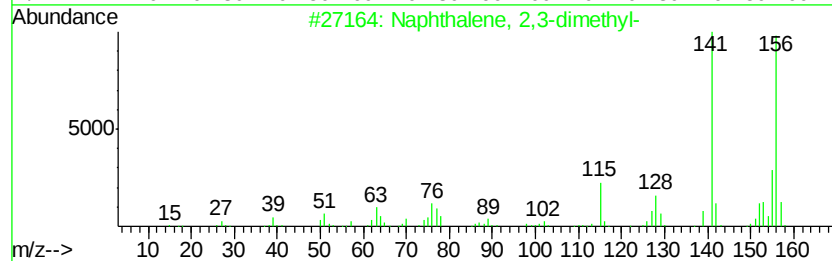
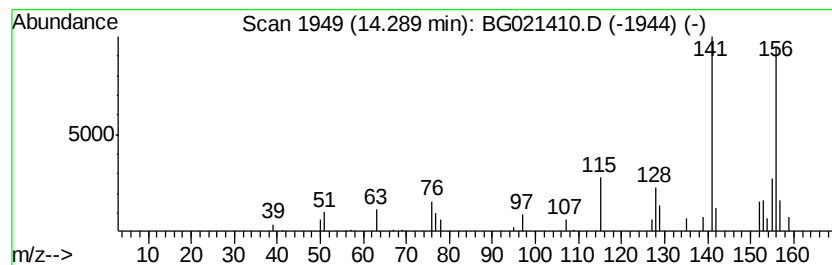
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Naphthalene, 2,3-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	2.24 ng/ul	22614	Acenaphthene-d10	14.74

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
2			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	91
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	91



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021410.D
Acq On : 10 Mar 2016 16:15
Operator : UM/SJ
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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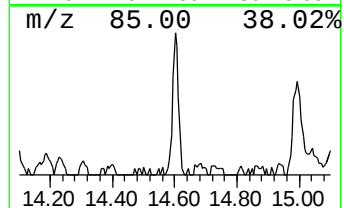
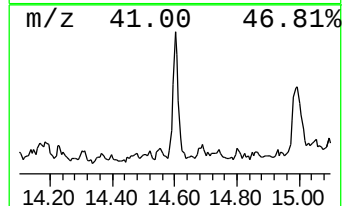
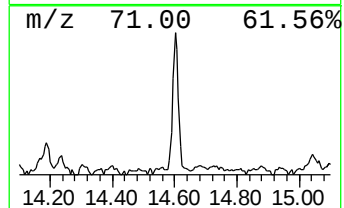
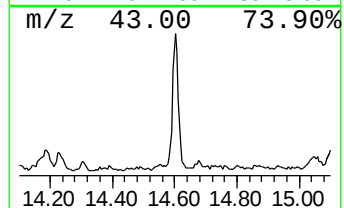
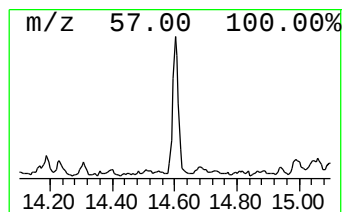
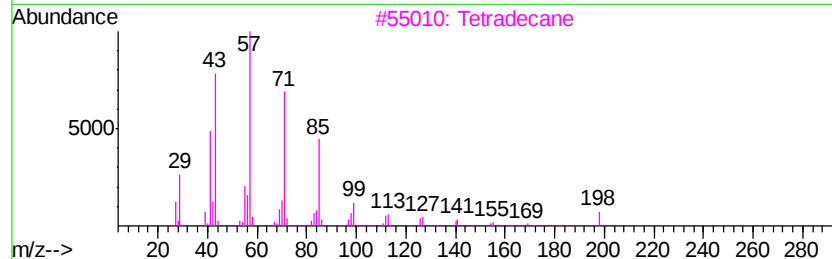
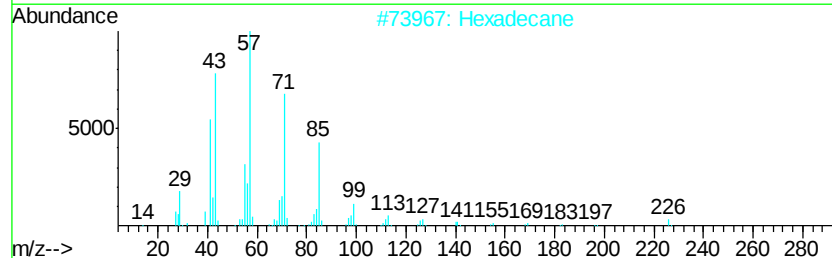
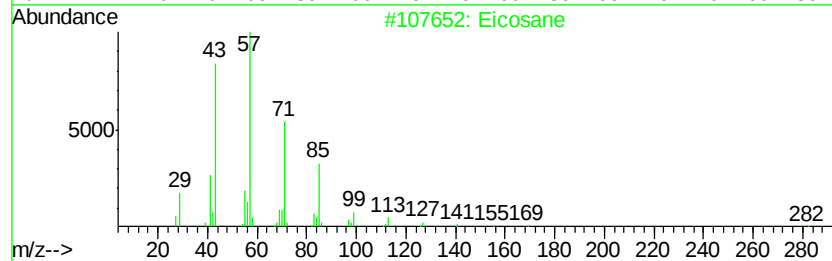
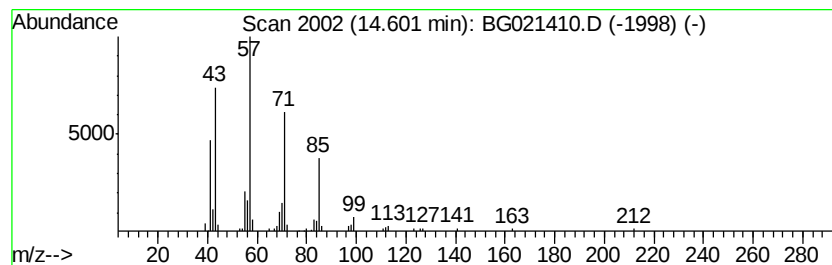
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	5.63 ng/ul	56908	Acenaphthene-d10	14.74

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane			282	C20H42	000112-95-8	91
2	Hexadecane			226	C16H34	000544-76-3	91
3	Tetradecane			198	C14H30	000629-59-4	90
4	Hexadecane			226	C16H34	000544-76-3	87
5	Tetradecane			198	C14H30	000629-59-4	86



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021410.D
Acq On : 10 Mar 2016 16:15
Operator : UM/SJ
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ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId :
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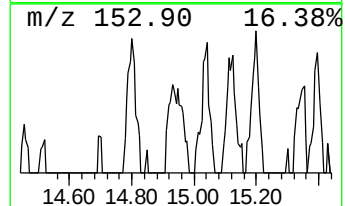
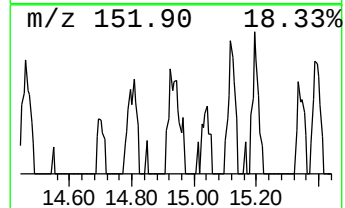
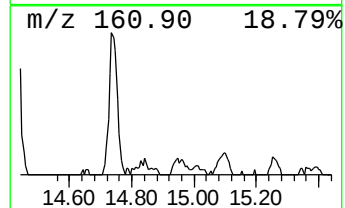
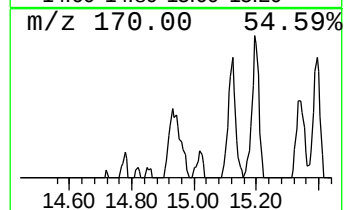
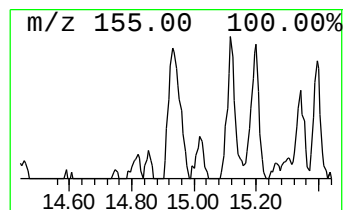
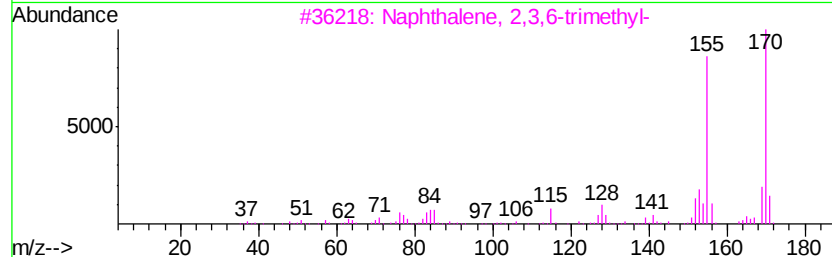
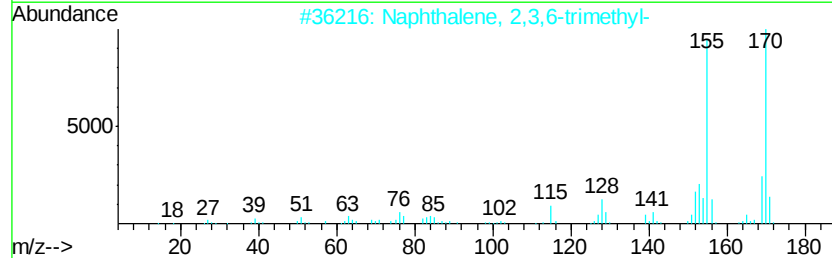
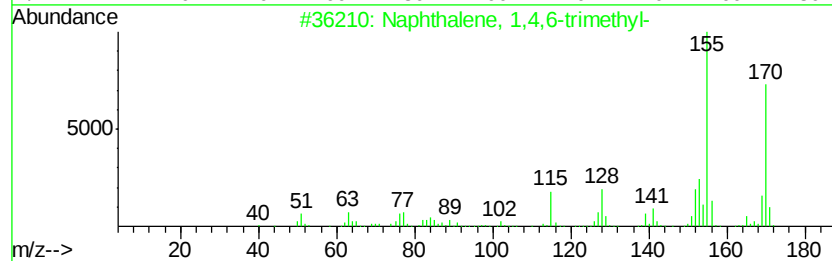
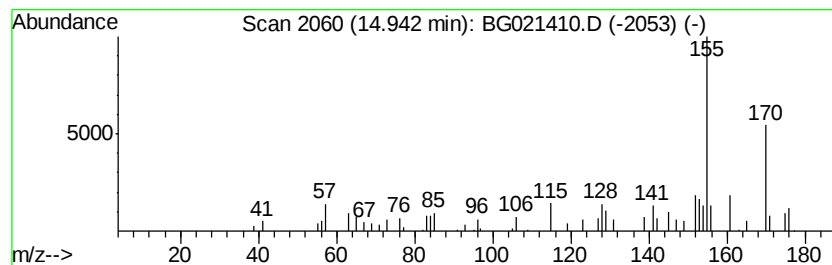
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Naphthalene, 1,4,6-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	2.99 ng/ul	30241	Acenaphthene-d10	14.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
4		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	81
5		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	76



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021410.D
Acq On : 10 Mar 2016 16:15
Operator : UM/SJ
Sample : H1616-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P009-SS002-01

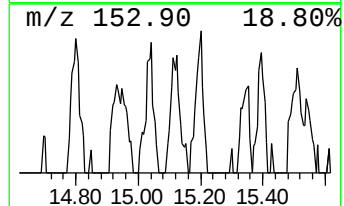
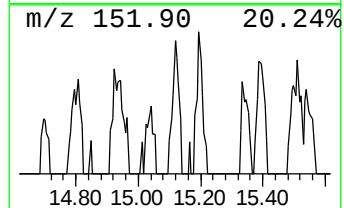
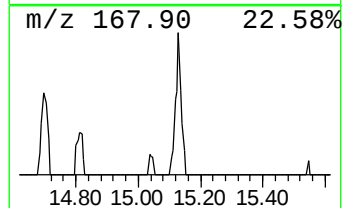
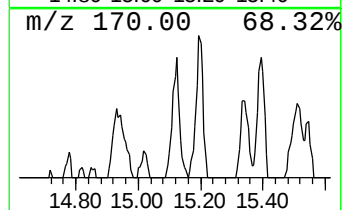
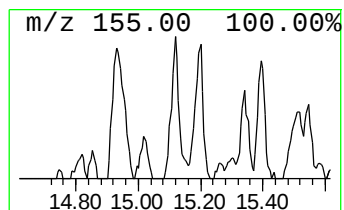
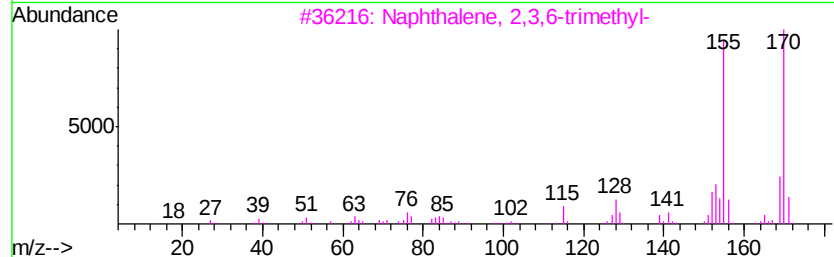
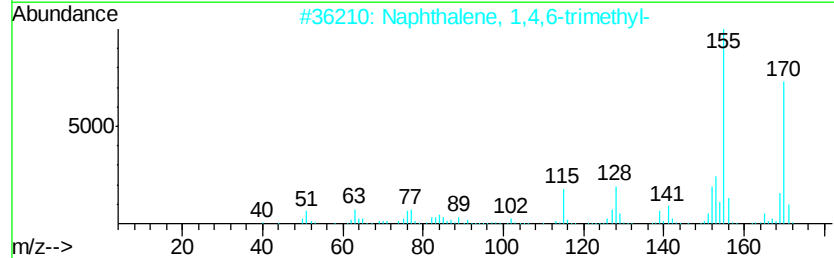
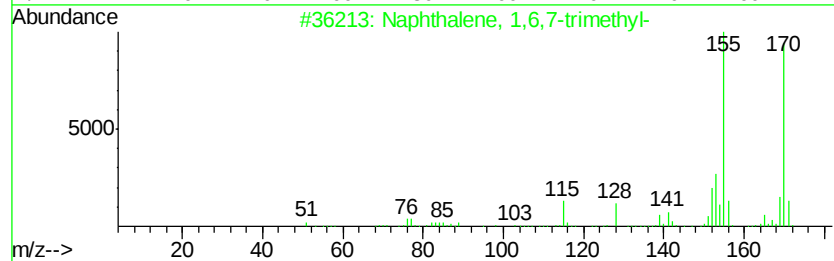
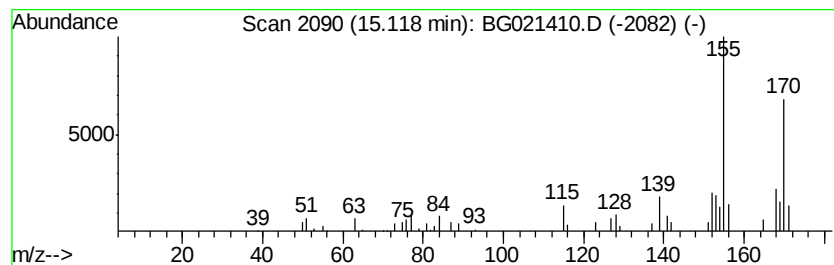
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Naphthalene, 1,6,7-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	3.03 ng/ul	30654	Acenaphthene-d10	14.74

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
4			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	90
5			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021410.D
Acq On : 10 Mar 2016 16:15
Operator : UM/SJ
Sample : H1616-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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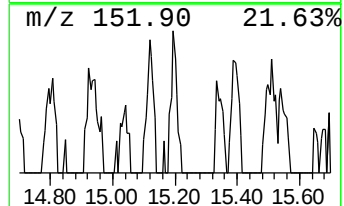
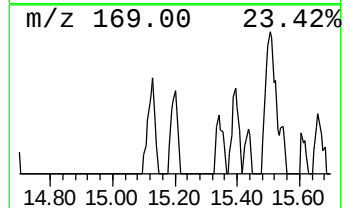
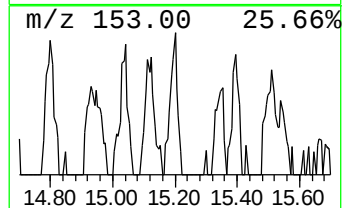
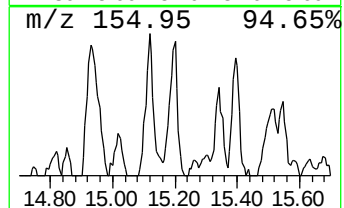
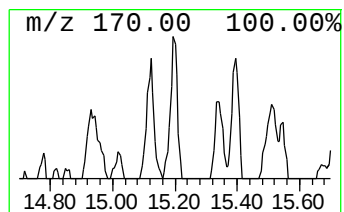
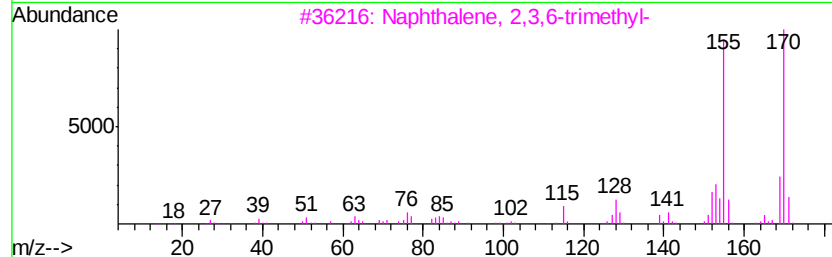
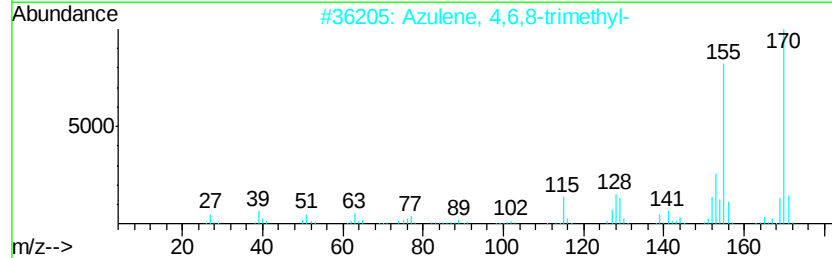
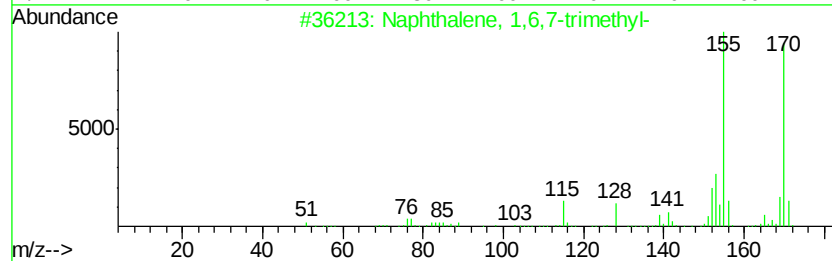
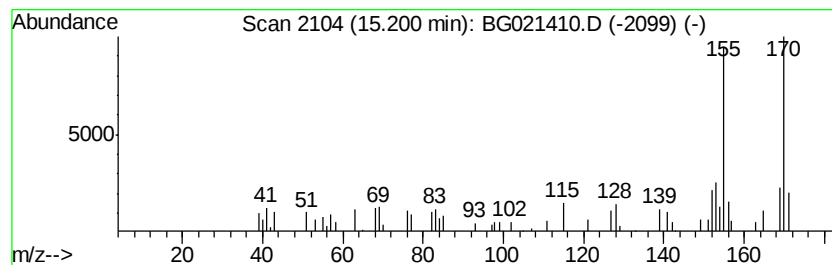
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Azulene, 4,6,8-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	3.53 ng/ul	35664	Acenaphthene-d10	14.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
2		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	93
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
5		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021410.D
Acq On : 10 Mar 2016 16:15
Operator : UM/SJ
Sample : H1616-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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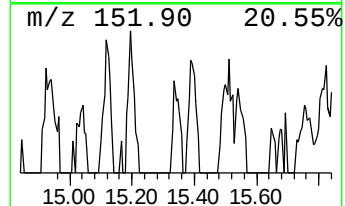
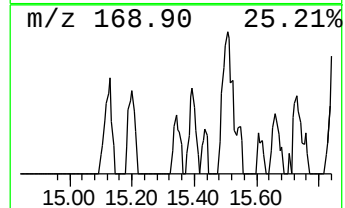
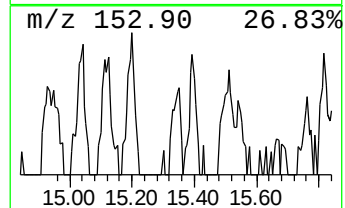
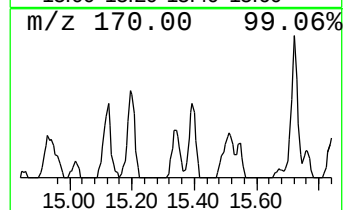
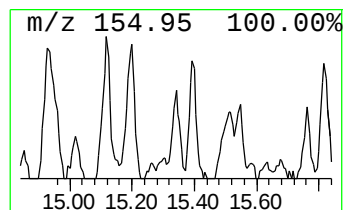
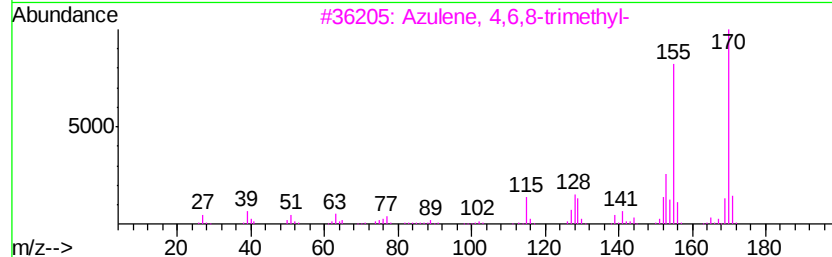
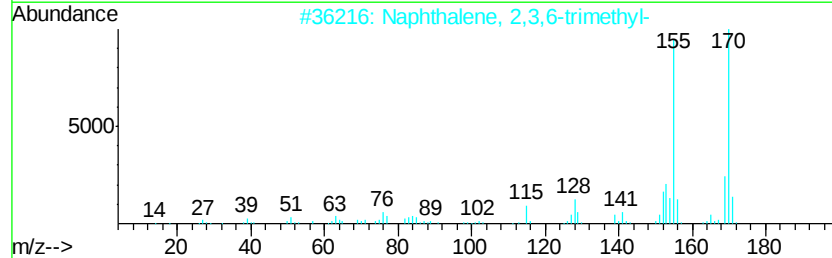
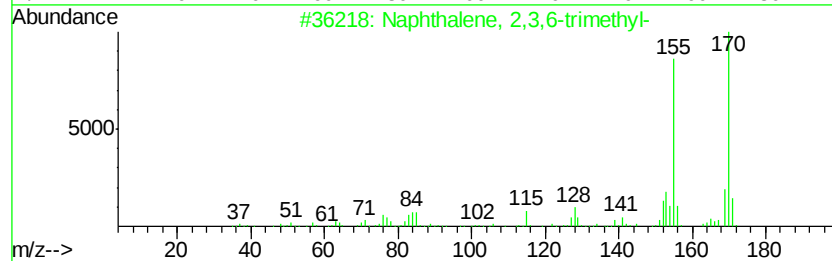
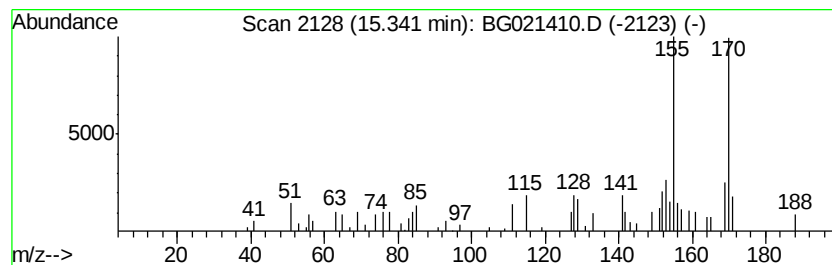
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Naphthalene, 2,3,6-trimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	2.17 ng/ul	21960	Acenaphthene-d10	14.74

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3			Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	94
4			Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	93
5			1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	93



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021410.D
Acq On : 10 Mar 2016 16:15
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Misc :
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ClientSampleId :
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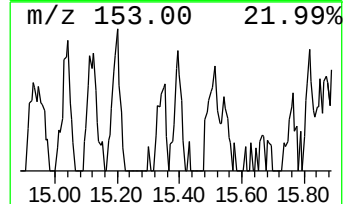
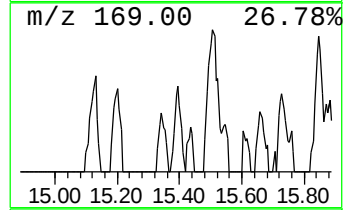
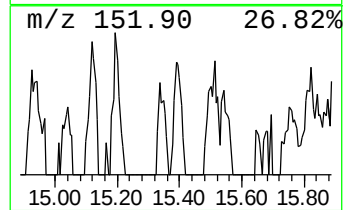
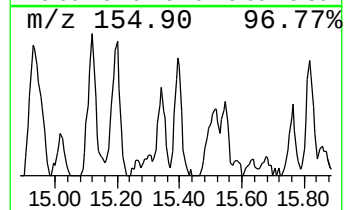
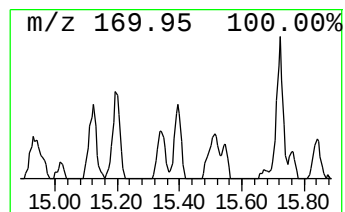
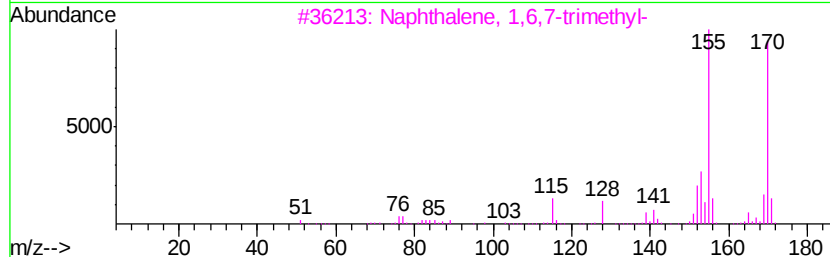
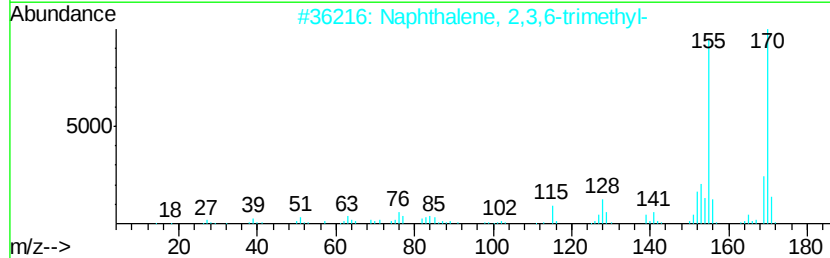
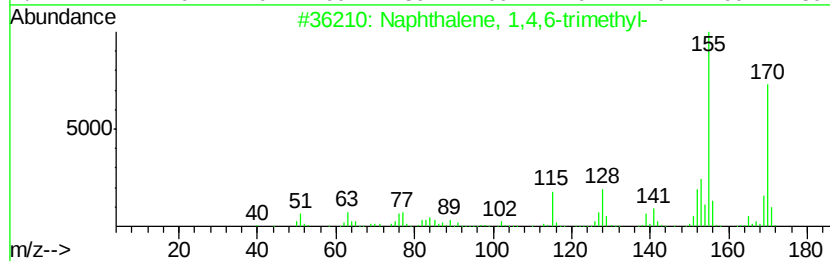
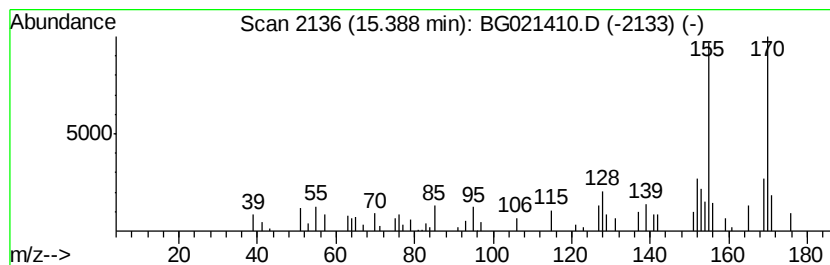
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 unknown-02 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	2.32 ng/ul	23465	Acenaphthene-d10	14.74

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
4			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
5			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021410.D
Acq On : 10 Mar 2016 16:15
Operator : UM/SJ
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Misc :
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Instrument :
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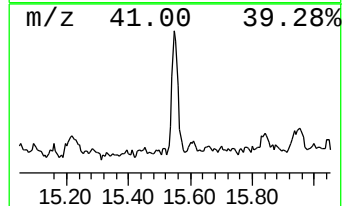
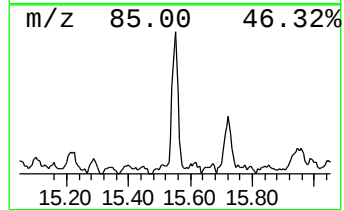
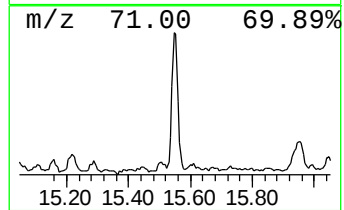
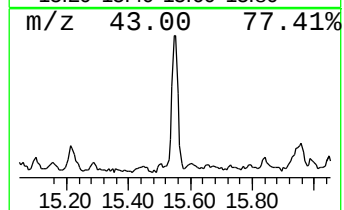
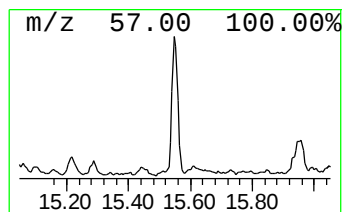
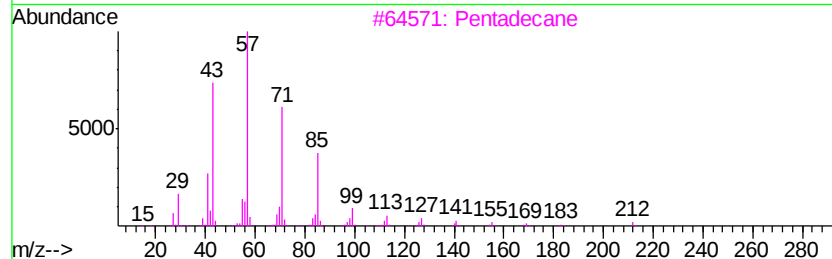
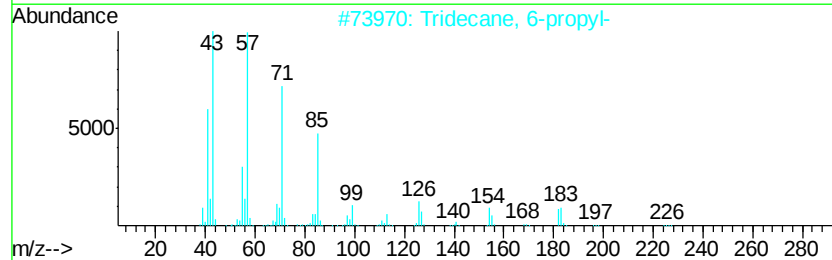
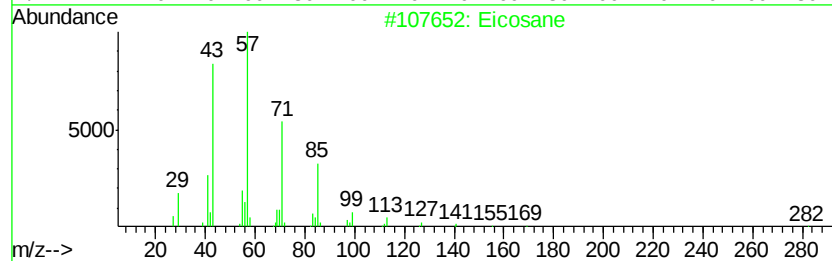
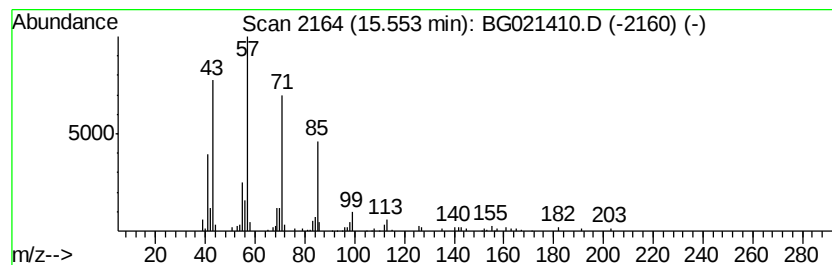
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	8.42 ng/ul	85122	Acenaphthene-d10	14.74

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	87
2			Tridecane, 6-propyl-	226	C16H34	055045-10-8	86
3			Pentadecane	212	C15H32	000629-62-9	80
4			Tridecane	184	C13H28	000629-50-5	80
5			Tetradecane	198	C14H30	000629-59-4	80



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021410.D
Acq On : 10 Mar 2016 16:15
Operator : UM/SJ
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId :
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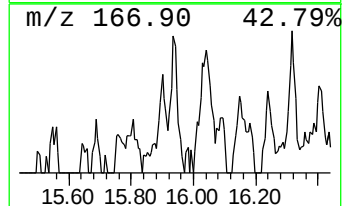
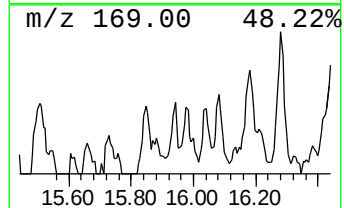
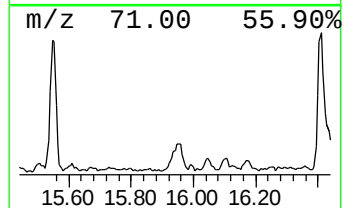
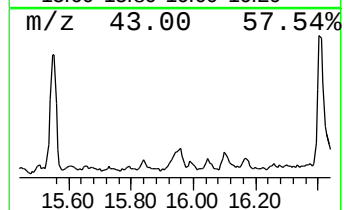
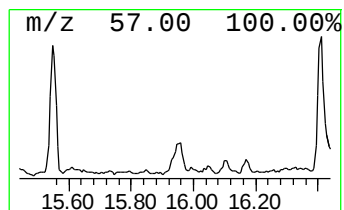
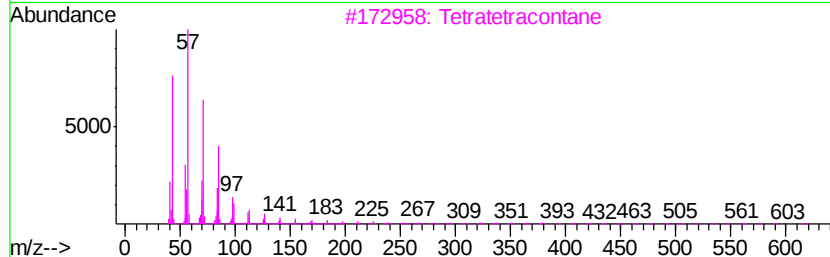
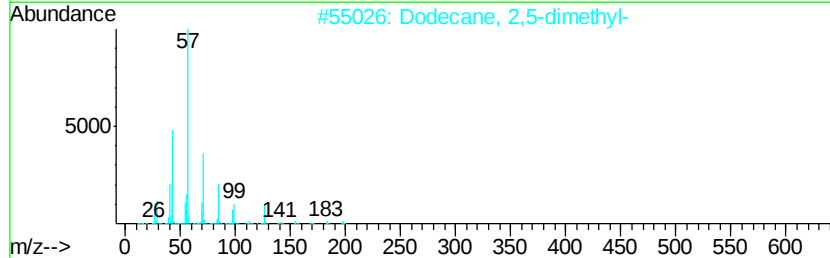
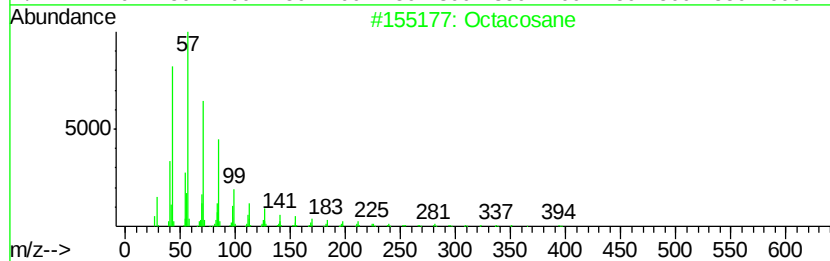
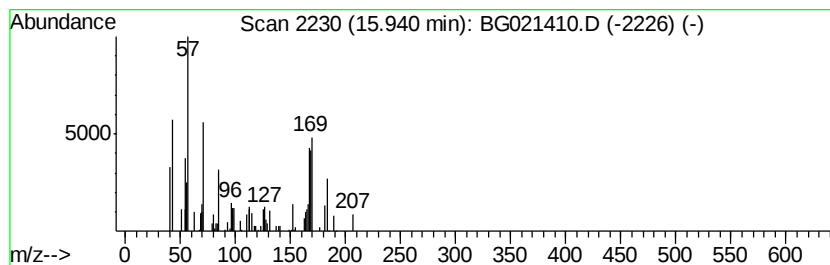
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	3.03 ng/ul	30627	Acenaphthene-d10	14.74

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	10
2			Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	10
3			Tetratetracontane	619	C44H90	007098-22-8	10
4			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	10
5			Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	10



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021410.D
Acq On : 10 Mar 2016 16:15
Operator : UM/SJ
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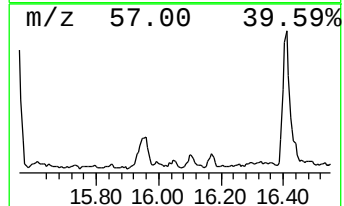
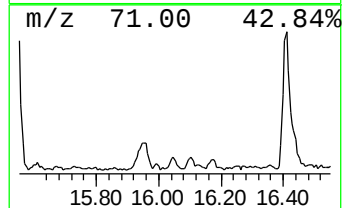
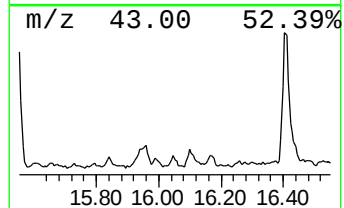
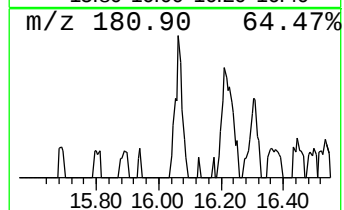
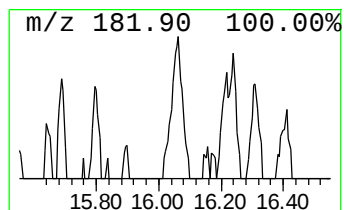
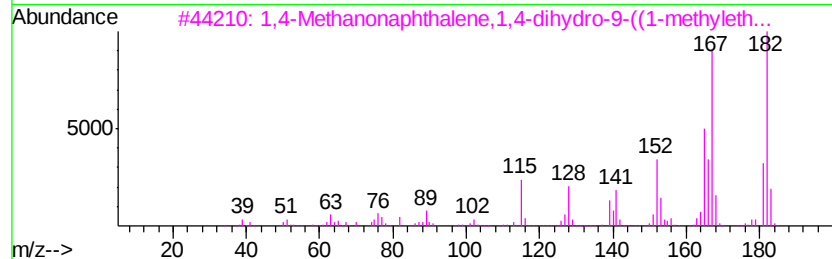
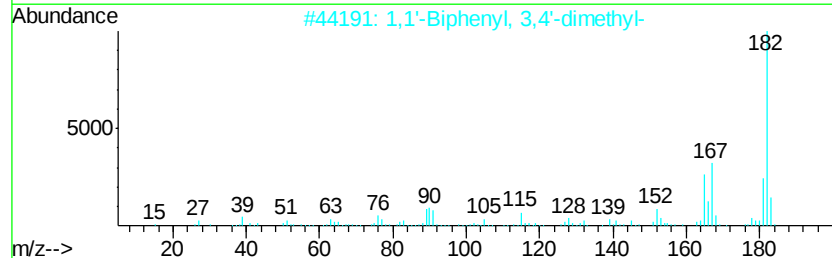
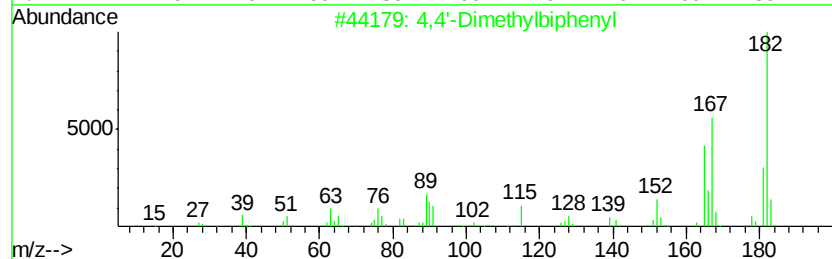
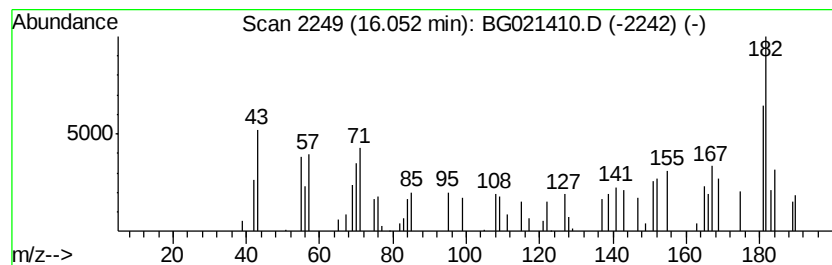
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 unknown-03 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	2.27 ng/ul	22953	Acenaphthene-d10	14.74

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	38
2			1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	38
3			1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	38
4			4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	38
5			3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	38



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021410.D
Acq On : 10 Mar 2016 16:15
Operator : UM/SJ
Sample : H1616-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P009-SS002-01

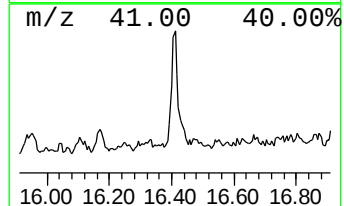
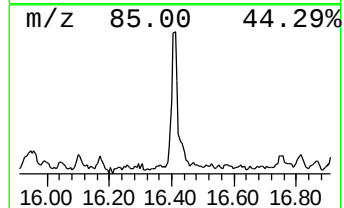
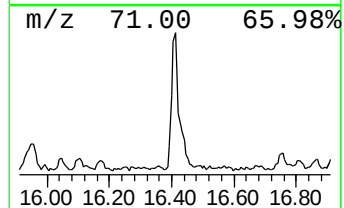
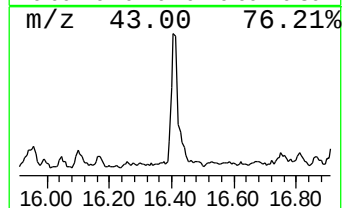
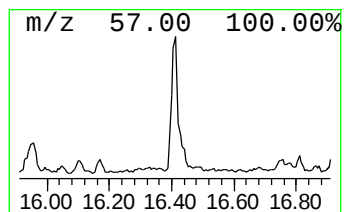
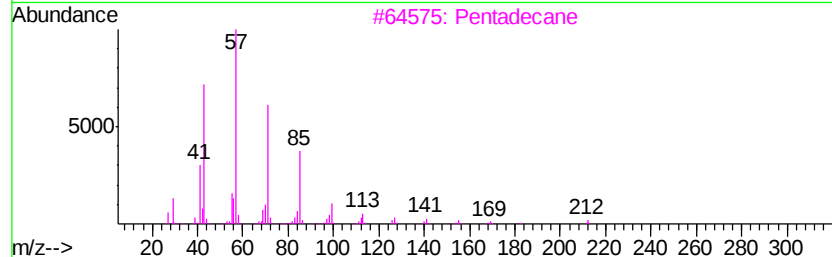
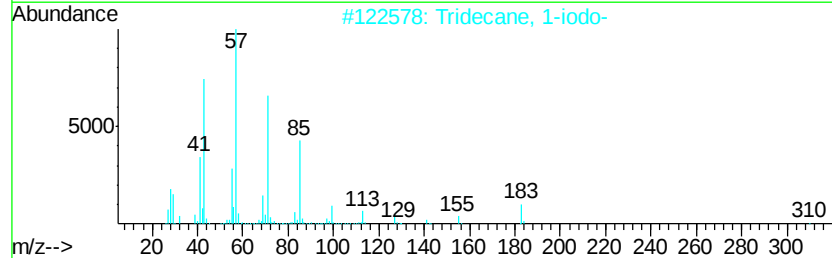
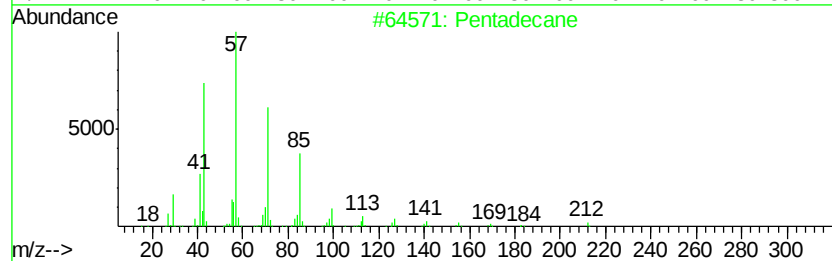
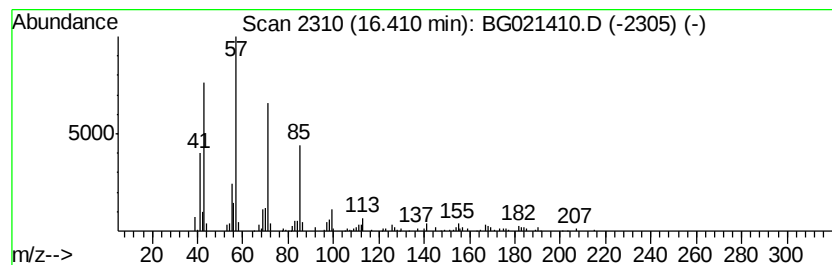
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	10.14 ng/ul	128999	Phenanthrene-d10	17.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	91
2			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
3			Pentadecane	212	C15H32	000629-62-9	90
4			Octacosane	394	C28H58	000630-02-4	90
5			Hexadecane	226	C16H34	000544-76-3	90



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021410.D
Acq On : 10 Mar 2016 16:15
Operator : UM/SJ
Sample : H1616-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P009-SS002-01

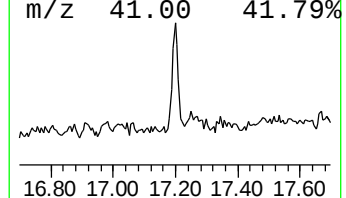
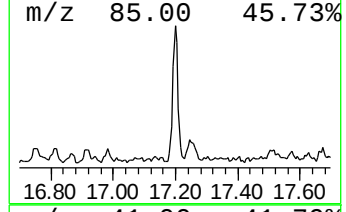
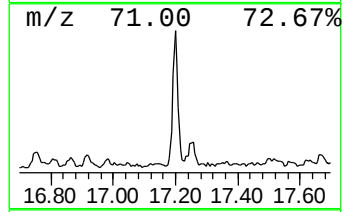
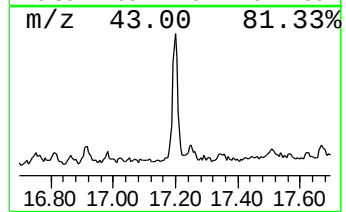
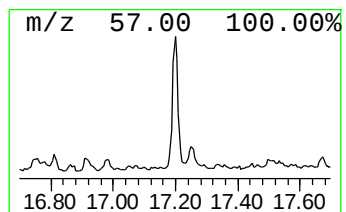
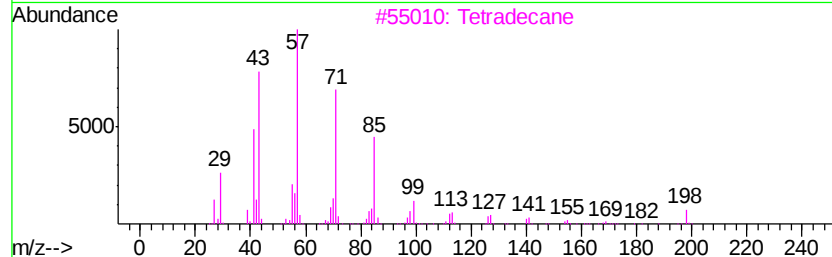
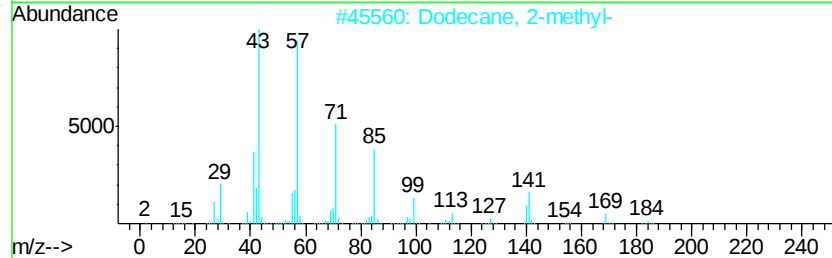
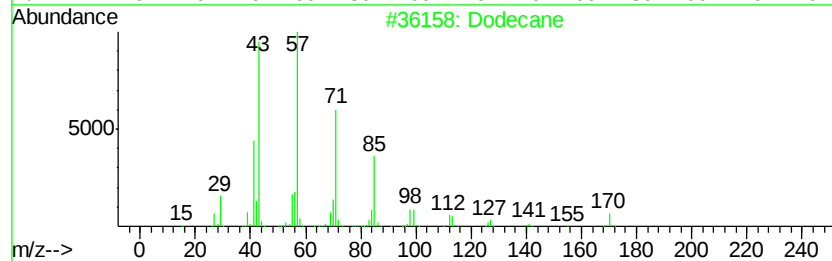
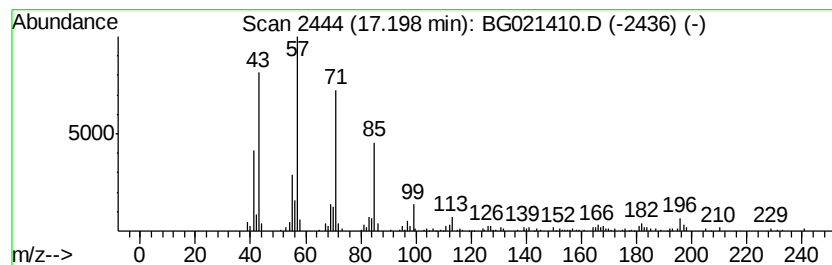
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.20	8.41 ng/ul	106919	Phenanthrene-d10	17.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	87
2			Dodecane, 2-methyl-	184	C13H28	001560-97-0	83
3			Tetradecane	198	C14H30	000629-59-4	83
4			Heptacosane	380	C27H56	000593-49-7	80
5			Hexadecane	226	C16H34	000544-76-3	80



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021410.D
Acq On : 10 Mar 2016 16:15
Operator : UM/SJ
Sample : H1616-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P009-SS002-01

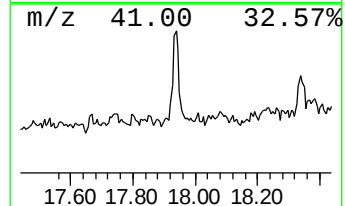
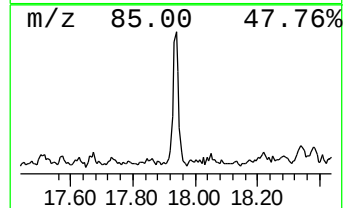
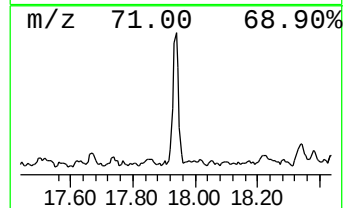
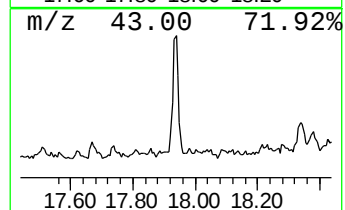
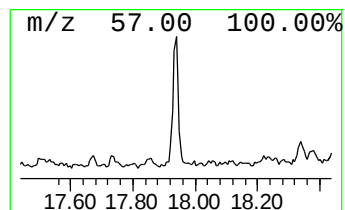
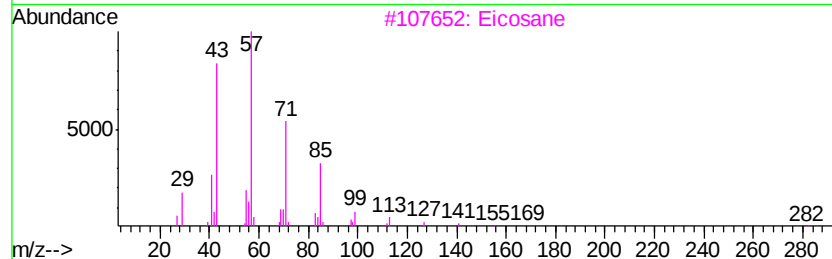
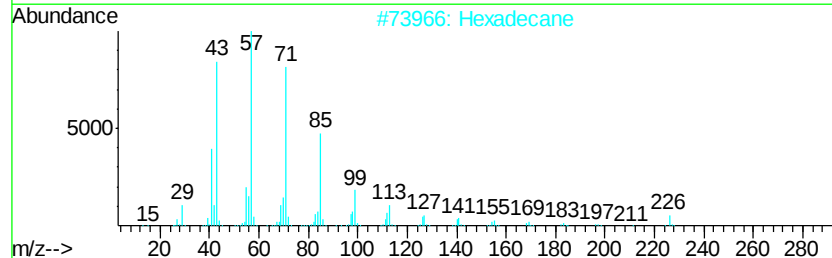
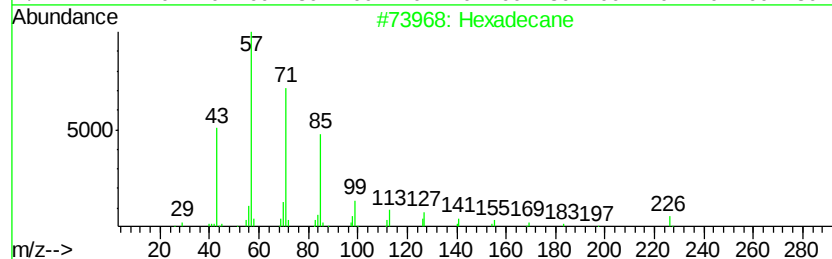
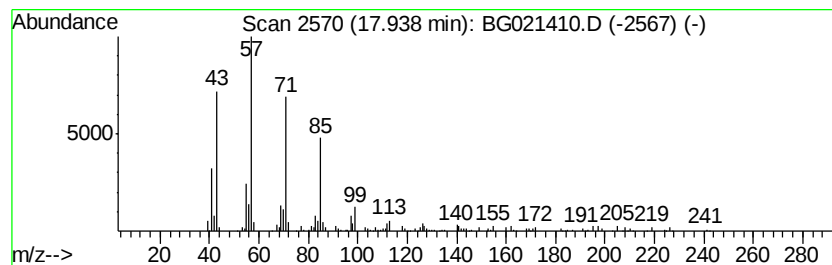
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	5.72 ng/ul	72751	Phenanthrene-d10	17.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	94
2			Hexadecane	226	C16H34	000544-76-3	93
3			Eicosane	282	C20H42	000112-95-8	87
4			Tetradecane	198	C14H30	000629-59-4	86
5			Heptadecane	240	C17H36	000629-78-7	86



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021410.D
Acq On : 10 Mar 2016 16:15
Operator : UM/SJ
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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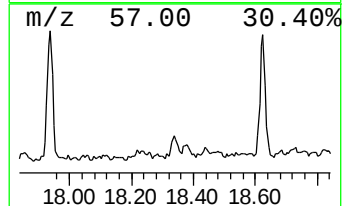
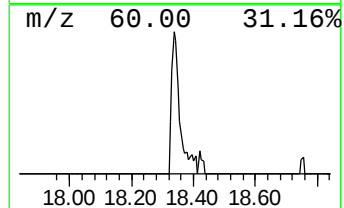
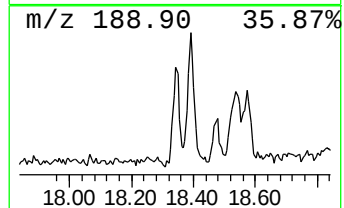
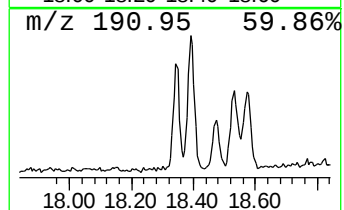
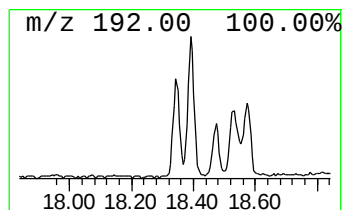
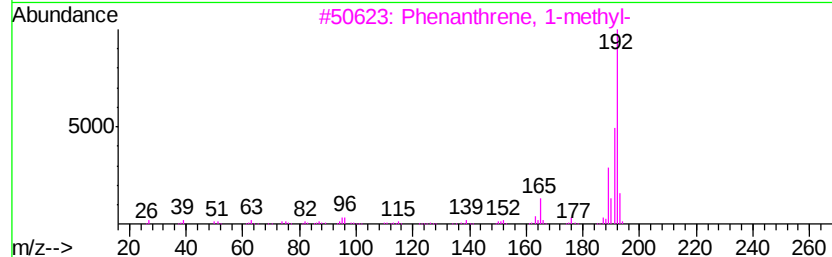
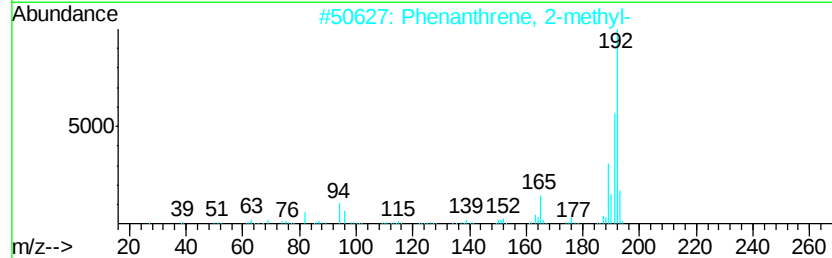
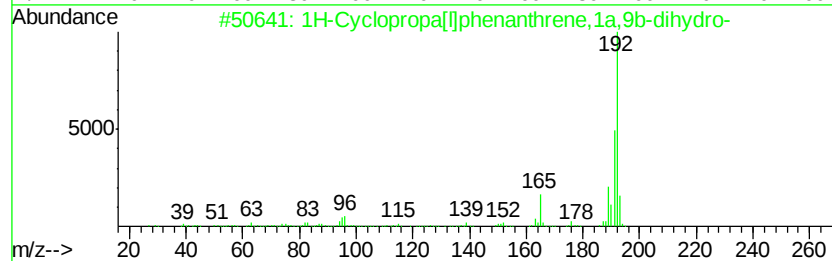
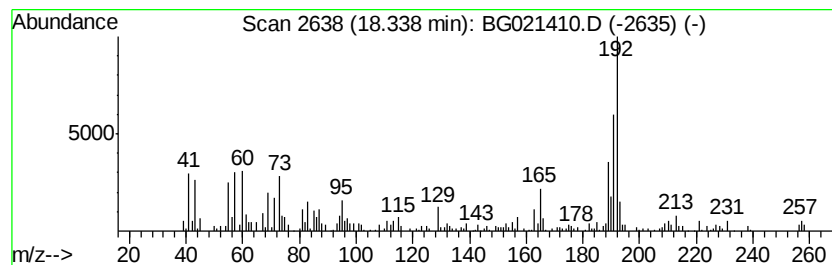
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 1H-Cyclopropa[l]phenanthren... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	6.42 ng/ul	81601	Phenanthrene-d10	17.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	92
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	92



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021410.D
Acq On : 10 Mar 2016 16:15
Operator : UM/SJ
Sample : H1616-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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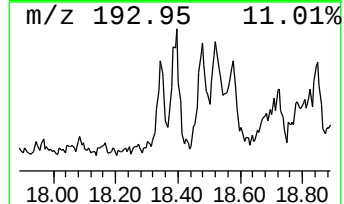
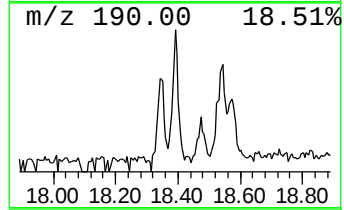
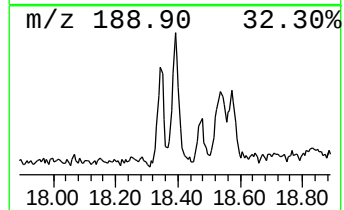
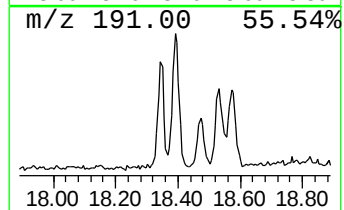
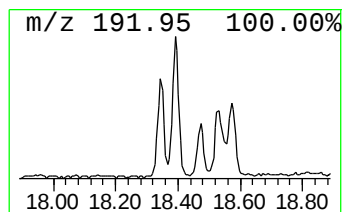
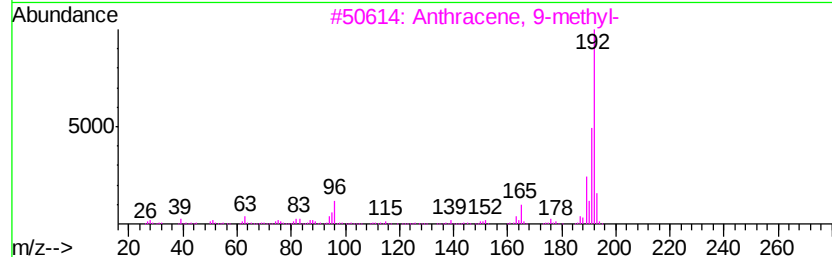
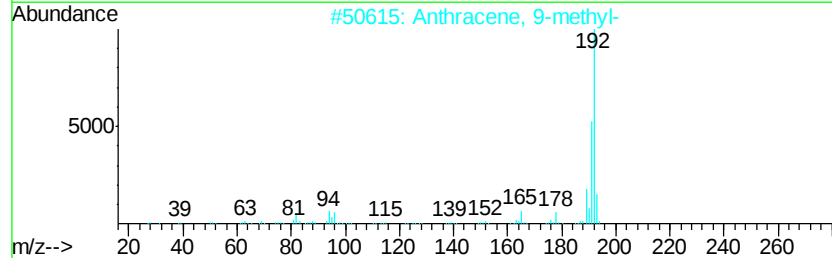
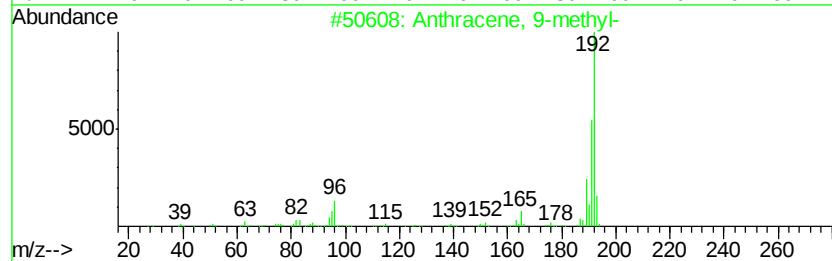
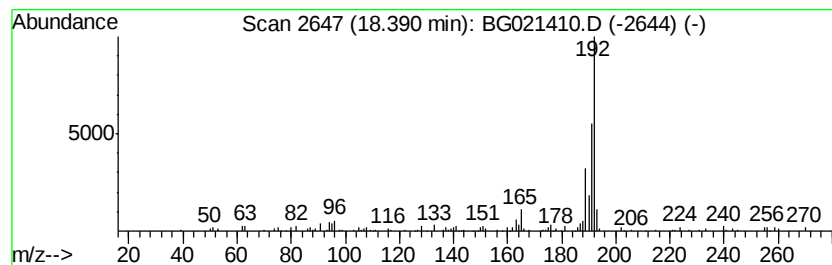
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 Anthracene, 9-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	5.53 ng/ul	70300	Phenanthrene-d10	17.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
2			Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	76



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021410.D
Acq On : 10 Mar 2016 16:15
Operator : UM/SJ
Sample : H1616-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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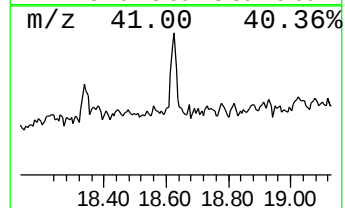
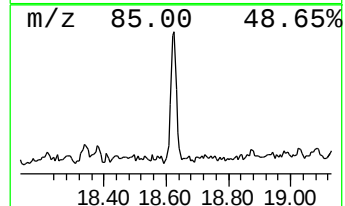
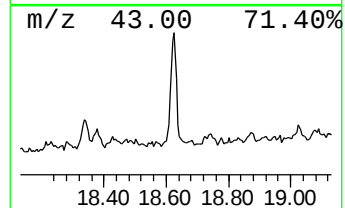
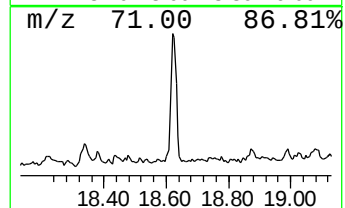
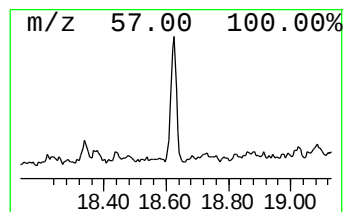
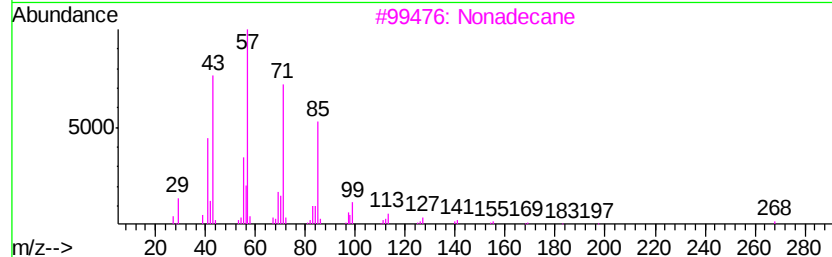
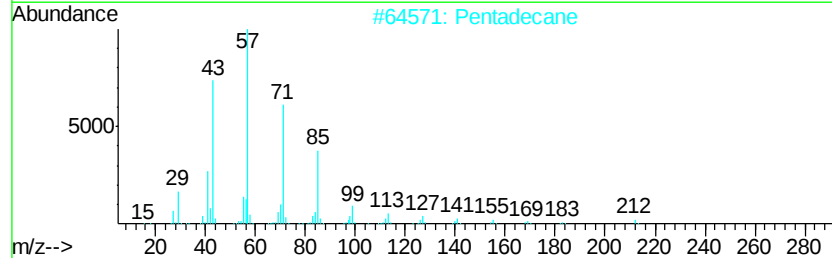
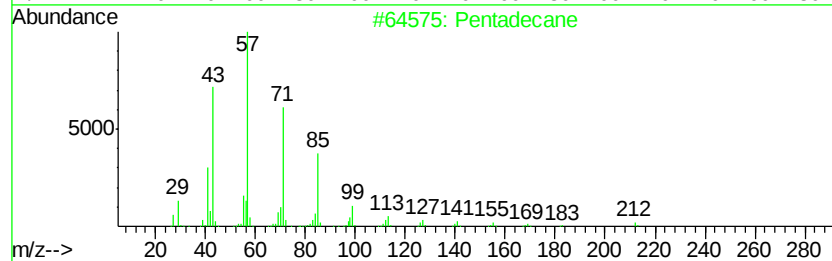
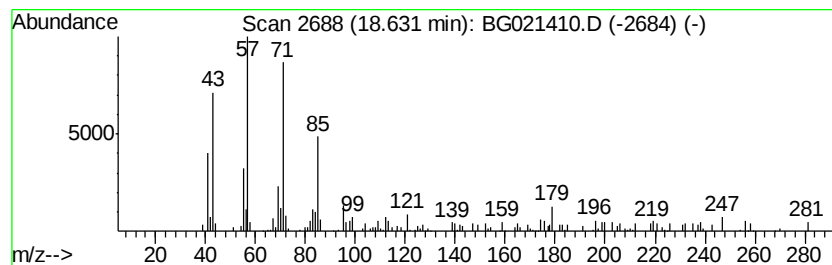
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	4.15 ng/ul	52754	Phenanthrene-d10	17.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	94
2			Pentadecane	212	C15H32	000629-62-9	90
3			Nonadecane	268	C19H40	000629-92-5	87
4			Hexadecane	226	C16H34	000544-76-3	86
5			Hexadecane	226	C16H34	000544-76-3	86



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021410.D
Acq On : 10 Mar 2016 16:15
Operator : UM/SJ
Sample : H1616-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

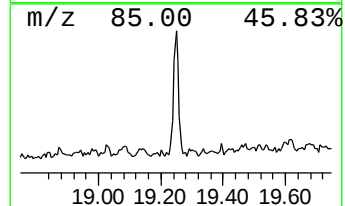
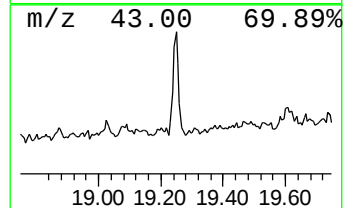
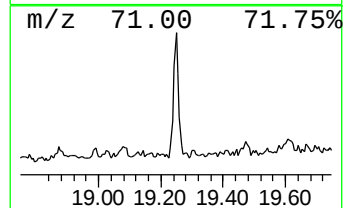
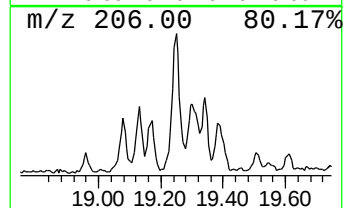
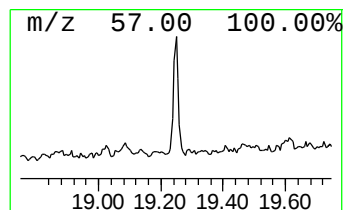
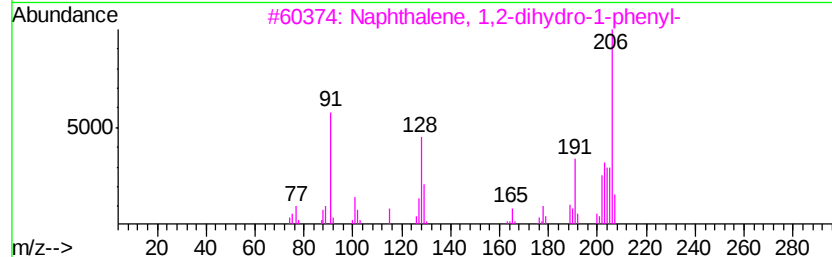
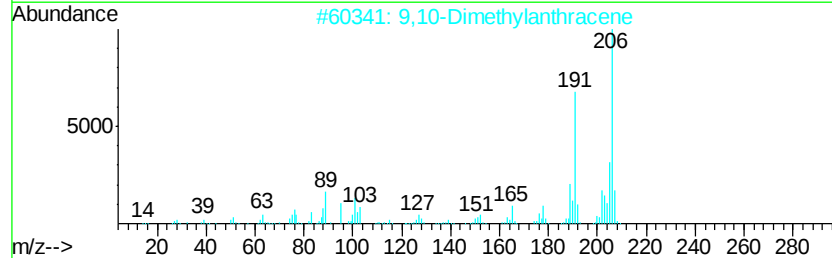
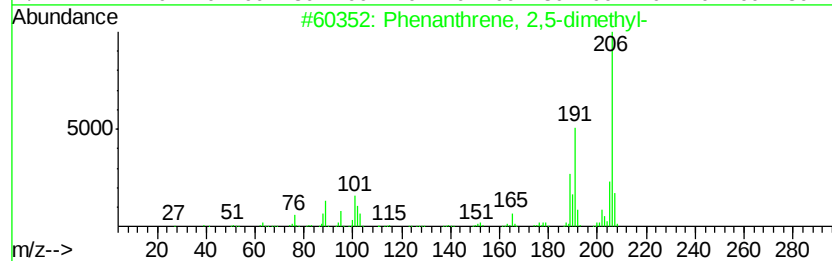
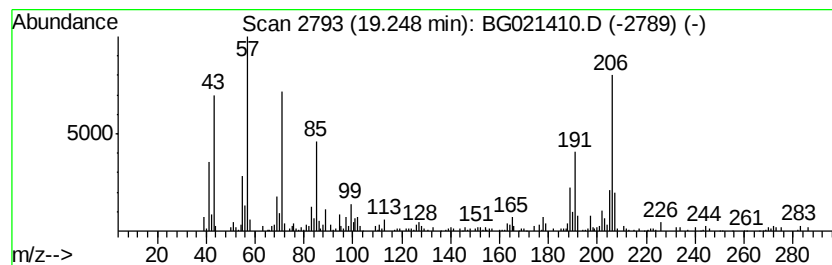
Instrument :
BNA_G
ClientSampleId :
P009-SS002-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 28 Phenanthrene, 2,5-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.25	8.78 ng/ul	111703	Phenanthrene-d10	17.47	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	60
2	9,10-Dimethylantracene	206	C16H14	000781-43-1	60
3	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	60
4	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	55
5	9,10-Dimethylantracene	206	C16H14	000781-43-1	55



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
 Data File : BG021410.D
 Acq On : 10 Mar 2016 16:15
 Operator : UM/SJ
 Sample : H1616-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P009-SS002-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
 Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.26	2.8	ng/ul	12200	1	8.13	87139	20.0
(DEL) Alkane: Str...	12.31	2.6	ng/ul	20559	2	10.93	155948	20.0
1H-Indene, 1-ethy...	12.79	3.8	ng/ul	29977	2	10.93	155948	20.0
(DEL) Alkane: Str...	13.54	4.1	ng/ul	41620	3	14.74	202294	20.0
Naphthalene, 1,3-...	13.77	2.2	ng/ul	22554	3	14.74	202294	20.0
Naphthalene, 1,7-...	13.91	4.9	ng/ul	49965	3	14.74	202294	20.0
Naphthalene, 2,6-...	14.05	4.1	ng/ul	41351	3	14.74	202294	20.0
Naphthalene, 2,3-...	14.29	2.2	ng/ul	22614	3	14.74	202294	20.0
(DEL) Alkane: Str...	14.60	5.6	ng/ul	56908	3	14.74	202294	20.0
Naphthalene, 1,4,...	14.94	3.0	ng/ul	30241	3	14.74	202294	20.0
unknown-01	14.99	6.7	ng/ul	67814	3	14.74	202294	20.0
Naphthalene, 1,6,...	15.12	3.0	ng/ul	30654	3	14.74	202294	20.0
Azulene, 4,6,8-tr...	15.20	3.5	ng/ul	35664	3	14.74	202294	20.0
Naphthalene, 2,3,...	15.34	2.2	ng/ul	21960	3	14.74	202294	20.0
unknown-02	15.39	2.3	ng/ul	23465	3	14.74	202294	20.0
(DEL) Alkane: Str...	15.55	8.4	ng/ul	85122	3	14.74	202294	20.0
(DEL) Alkane: Str...	15.94	3.0	ng/ul	30627	3	14.74	202294	20.0
unknown-03	16.05	2.3	ng/ul	22953	3	14.74	202294	20.0
(DEL) Alkane: Str...	16.41	10.1	ng/ul	128999	4	17.47	254399	20.0
(DEL) Alkane: Str...	17.20	8.4	ng/ul	106919	4	17.47	254399	20.0
(DEL) Alkane: Str...	17.94	5.7	ng/ul	72751	4	17.47	254399	20.0
1H-Cyclopropa[l]p...	18.34	6.4	ng/ul	81601	4	17.47	254399	20.0
Anthracene, 9-met...	18.39	5.5	ng/ul	70300	4	17.47	254399	20.0
(DEL) Alkane: Str...	18.63	4.2	ng/ul	52754	4	17.47	254399	20.0
Phenanthrene, 2,5...	19.25	8.8	ng/ul	111703	4	17.47	254399	20.0