

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
 Data File : BM000994.D
 Acq On : 14 Apr 2015 21:25
 Operator : TP/IZ
 Sample : G1830-02RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS002-0006-01RE

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_M\METHODS\SOM01.2-EPA-BM041415.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	2.740	3	9	17	rBV	2068359	4263435	2.55%	0.202%
2	2.816	17	22	42	rVB	4486958	6616981	3.95%	0.313%
3	6.781	685	696	702	rBV2	752866	1728425	1.03%	0.082%
4	7.134	751	756	767	rVB	787625	1424278	0.85%	0.067%
5	7.228	767	772	780	rBV	1036259	1463048	0.87%	0.069%
6	7.598	826	835	840	rBV2	1382478	3240355	1.94%	0.153%
7	8.704	1012	1023	1027	rBV3	812000	2052012	1.23%	0.097%
8	8.828	1036	1044	1053	rVB	4635128	7814356	4.67%	0.370%
9	8.951	1060	1065	1070	rVB4	946707	2008738	1.20%	0.095%
10	9.051	1070	1082	1084	rBV4	474335	1431313	0.86%	0.068%
11	9.304	1118	1125	1130	rVV2	1012165	2457191	1.47%	0.116%
12	9.475	1148	1154	1158	rBV3	1043978	1990861	1.19%	0.094%
13	9.669	1179	1187	1192	rVB2	983094	2045639	1.22%	0.097%
14	9.739	1194	1199	1203	rBV2	1075510	1562682	0.93%	0.074%
15	9.816	1203	1212	1216	rBV3	1486585	3260388	1.95%	0.154%
16	9.922	1225	1230	1235	rBV2	1062021	1855115	1.11%	0.088%
17	10.010	1242	1245	1253	rVB2	1137769	1861373	1.11%	0.088%
18	10.092	1253	1259	1262	rBV	819336	1455458	0.87%	0.069%
19	10.286	1288	1292	1298	rVV5	1015166	2455825	1.47%	0.116%
20	10.369	1298	1306	1314	rVV2	11640761	21947658	13.11%	1.040%
21	10.457	1314	1321	1325	rVV5	1055675	2658460	1.59%	0.126%
22	10.504	1325	1329	1332	rVV3	1358175	2614617	1.56%	0.124%
23	10.551	1333	1337	1342	rVV	4339076	6714140	4.01%	0.318%
24	10.610	1342	1347	1354	rVV3	1014184	1916764	1.15%	0.091%
25	10.680	1354	1359	1365	rVB5	698458	1426887	0.85%	0.068%
26	10.798	1369	1379	1385	rBV6	792427	2954960	1.77%	0.140%
27	10.875	1385	1392	1397	rVB4	1011138	2400605	1.43%	0.114%
28	10.963	1402	1407	1411	rBV3	969702	1684832	1.01%	0.080%
29	11.057	1417	1423	1424	rBV4	1006633	1677207	1.00%	0.079%
30	11.086	1425	1428	1432	rVV3	1612045	2826709	1.69%	0.134%
31	11.151	1436	1439	1446	rVB3	1394063	2611068	1.56%	0.124%
32	11.227	1446	1452	1458	rBV4	1931954	3527591	2.11%	0.167%
33	11.304	1459	1465	1472	rVB3	3543105	6644452	3.97%	0.315%
34	11.416	1478	1484	1494	rBV	8605689	17246565	10.31%	0.817%

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35	11.574	1506	1511	1516	rBV2	2141453	3717286	2.22%	0.176%
36	11.674	1520	1528	1532	rBV6	1234950	3041578	1.82%	0.144%
37	11.822	1546	1553	1563	rBV	19845748	33136785	19.80%	1.570%
38	12.045	1580	1591	1597	rVB5	2819176	9128633	5.45%	0.432%
39	12.192	1613	1616	1619	rBV2	1165001	1378866	0.82%	0.065%
40	12.269	1625	1629	1632	rBV3	1635964	2664441	1.59%	0.126%
41	12.316	1632	1637	1643	rVB2	5435237	8849644	5.29%	0.419%
42	12.469	1658	1663	1666	rBV2	3244148	4680398	2.80%	0.222%
43	12.510	1666	1670	1678	rVB4	3525151	7100728	4.24%	0.336%
44	12.574	1678	1681	1688	rBV3	4108602	7096461	4.24%	0.336%
45	12.651	1688	1694	1704	rVB2	6731547	14899947	8.90%	0.706%
46	12.739	1704	1709	1713	rBV	6334667	9918500	5.93%	0.470%
47	12.798	1713	1719	1723	rVB2	16341705	23274416	13.91%	1.102%
48	13.033	1752	1759	1762	rBV	5293056	9698618	5.80%	0.459%
49	13.092	1763	1769	1775	rVB	41828657	66200453	39.56%	3.136%
50	13.198	1780	1787	1792	rVV4	6654586	17425578	10.41%	0.825%
51	13.251	1792	1796	1800	rVB2	4547462	6446159	3.85%	0.305%
52	13.416	1819	1824	1830	rBV4	3588155	8577260	5.13%	0.406%
53	13.627	1855	1860	1864	rBV3	5892522	9186376	5.49%	0.435%
54	13.674	1864	1868	1872	rVB4	8033863	13126404	7.84%	0.622%
55	13.757	1873	1882	1885	rBV2	34719681	65563792	39.18%	3.106%
56	13.792	1885	1888	1894	rVB	13989486	19599604	11.71%	0.928%
57	13.874	1899	1902	1905	rVB	8813418	10232063	6.11%	0.485%
58	13.915	1906	1909	1913	rBV3	2504627	4049886	2.42%	0.192%
59	13.963	1914	1917	1920	rVB3	2904517	3147433	1.88%	0.149%
60	14.092	1936	1939	1941	rBV2	3768669	4542626	2.71%	0.215%
61	14.186	1947	1955	1958	rBV2	66301433	111380798	66.55%	5.276%
62	14.245	1958	1965	1978	rVV9	9272766	31351450	18.73%	1.485%
63	14.621	2025	2029	2031	rBV2	8022201	12580645	7.52%	0.596%
64	14.680	2035	2039	2043	rVB2	17829164	23863632	14.26%	1.130%
65	14.739	2045	2049	2053	rBV2	9945386	15071162	9.01%	0.714%
66	14.798	2055	2059	2066	rVB2	31227600	45386458	27.12%	2.150%
67	14.868	2067	2071	2073	rBV	10929781	14136567	8.45%	0.670%
68	15.098	2107	2110	2112	rBV	5043572	7251391	4.33%	0.343%
69	15.145	2112	2118	2122	rVV3	69769784	117498772	70.21%	5.566%
70	15.233	2130	2133	2136	rVB2	5021404	5643149	3.37%	0.267%
71	15.315	2144	2147	2150	rBV2	4856478	6303516	3.77%	0.299%

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72	15.545	2179	2186	2190	rVB2	51730282	91313130	54.56%	4.325%
73	15.580	2190	2192	2197	rVB3	6631496	7556569	4.52%	0.358%
74	15.639	2198	2202	2207	rVB2	17403256	25467498	15.22%	1.206%
75	15.692	2207	2211	2216	rBV2	21984296	37257763	22.26%	1.765%
76	15.751	2217	2221	2230	rVB3	21459586	36758448	21.96%	1.741%
77	15.833	2232	2235	2239	rBV3	7194648	10672037	6.38%	0.506%
78	15.927	2248	2251	2253	rBV2	4346334	5933274	3.55%	0.281%
79	16.015	2259	2266	2268	rBV3	74864250	167354290	100.00%	7.927%
80	16.339	2317	2321	2324	rBV2	13511208	20405671	12.19%	0.967%
81	16.456	2338	2341	2344	rBV2	10331750	10907391	6.52%	0.517%
82	16.504	2346	2349	2352	rVB2	11017814	12041103	7.19%	0.570%
83	16.568	2358	2360	2363	rBV2	8787941	10253107	6.13%	0.486%
84	16.598	2363	2365	2369	rVB2	10774356	11381603	6.80%	0.539%
85	16.804	2393	2400	2403	rBV3	67802725	121232835	72.44%	5.743%
86	16.851	2403	2408	2417	rVB2	60253074	108065279	64.57%	5.119%
87	17.215	2467	2470	2474	rBV4	8153362	10018404	5.99%	0.475%
88	17.262	2474	2478	2483	rVB	13799942	19387969	11.58%	0.918%
89	17.327	2485	2489	2494	rVB2	13073006	18088295	10.81%	0.857%
90	17.445	2505	2509	2517	rVV	18311933	29066685	17.37%	1.377%
91	17.533	2518	2524	2529	rVB3	68041974	115126187	68.79%	5.453%
92	17.803	2567	2570	2574	rBV3	8117190	12428065	7.43%	0.589%
93	18.227	2636	2642	2646	rBV2	64535030	102847447	61.45%	4.872%
94	18.686	2717	2720	2726	rVB2	10780118	16295629	9.74%	0.772%
95	18.862	2745	2750	2756	rVB2	57270802	85378373	51.02%	4.044%
96	19.021	2774	2777	2783	rVB3	6896516	11573511	6.92%	0.548%
97	19.439	2844	2848	2852	rVB	43118412	55409522	33.11%	2.625%
98	19.609	2874	2877	2879	rBV3	8484326	11747953	7.02%	0.556%
99	19.974	2935	2939	2943	rVB	32611500	38991012	23.30%	1.847%
100	20.468	3020	3023	3027	rBV	15531324	21179420	12.66%	1.003%

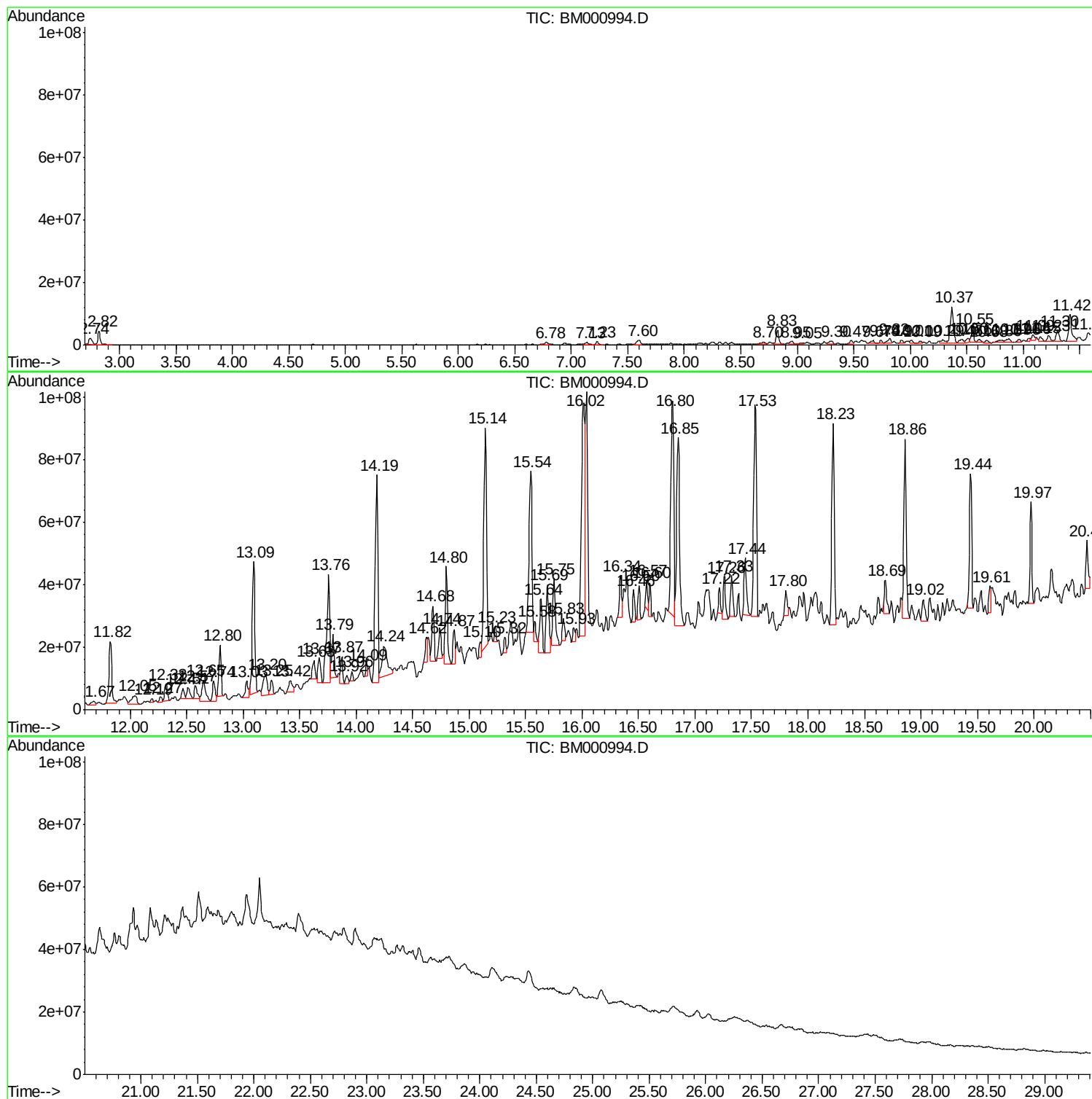
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Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM041415.M
Quant Title : SVOA CALIBRATION

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



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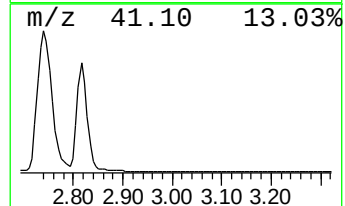
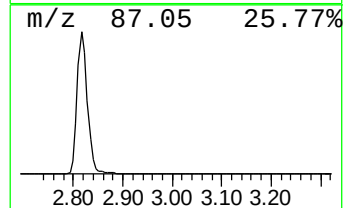
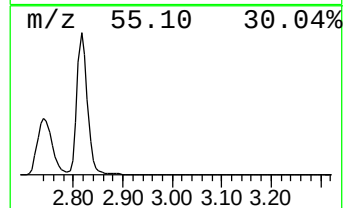
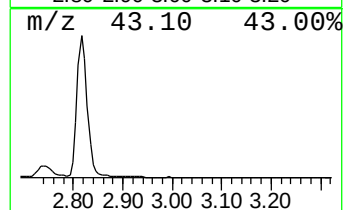
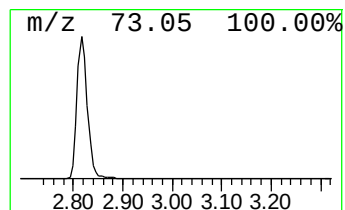
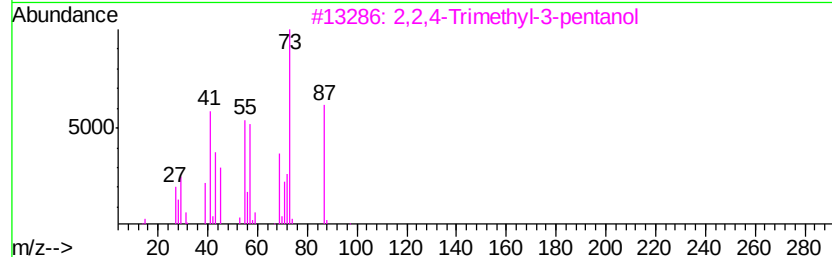
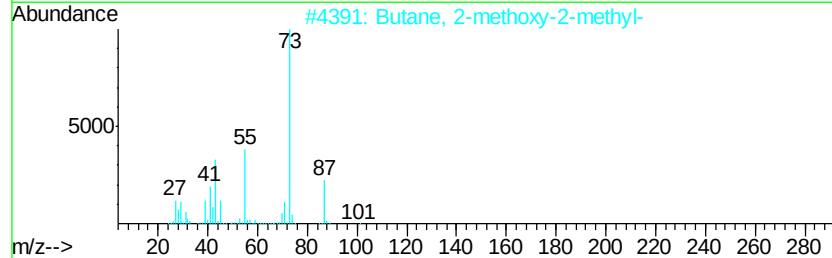
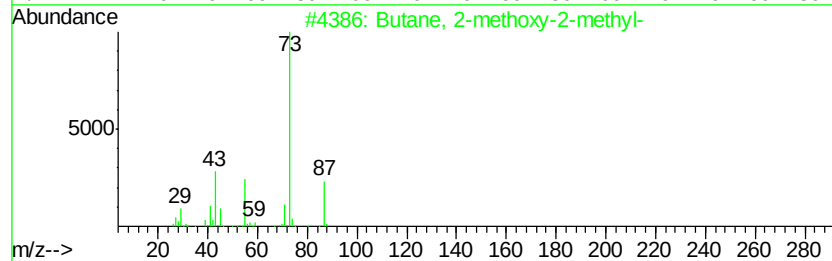
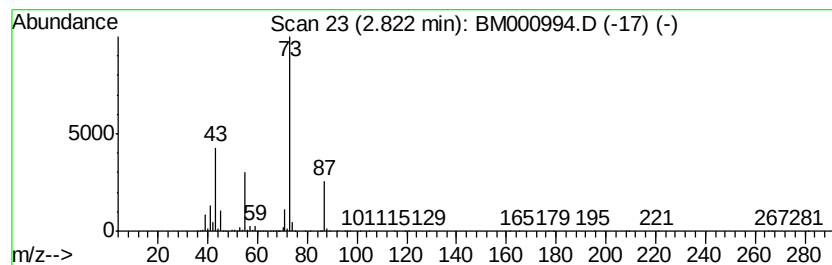
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM041415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.82	40.84 ng/ul	6616980	1,4-Dichlorobenzene-d4	7.60
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Butane, 2-methoxy-2-methyl-	102 C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102 C6H14O	000994-05-8	72
3	2,2,4-Trimethyl-3-pentanol	130 C8H18O	005162-48-1	39
4	1,3-Dioxolane, 2-methyl-	88 C4H8O2	000497-26-7	37
5	Pentane, 3-methoxy-	102 C6H14O	036839-67-5	12



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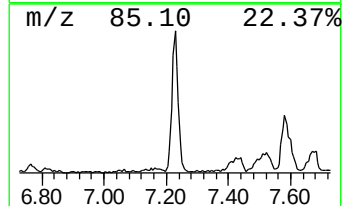
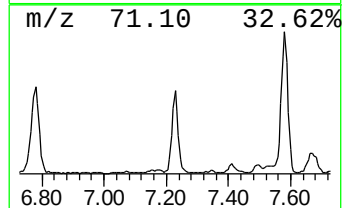
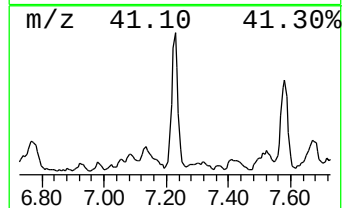
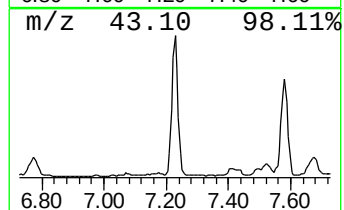
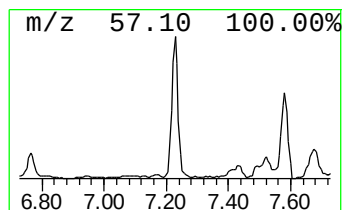
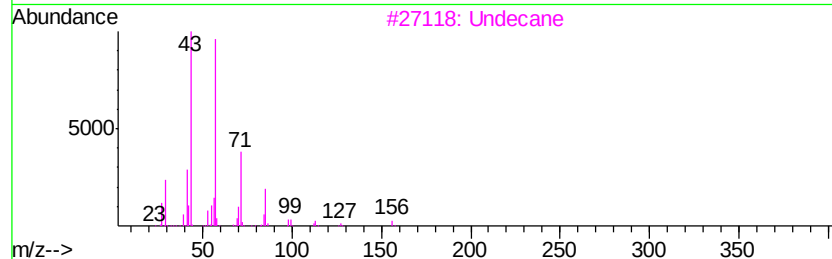
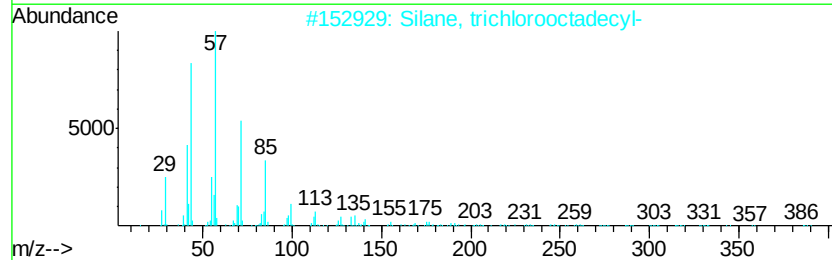
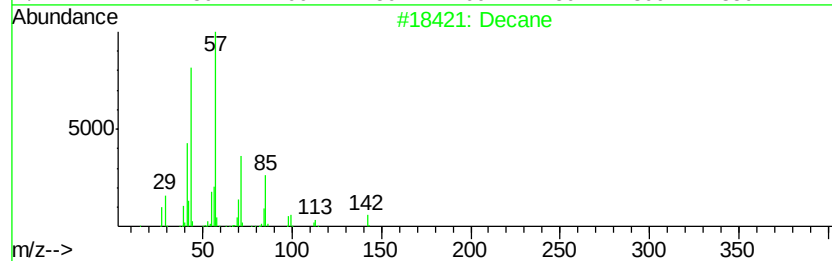
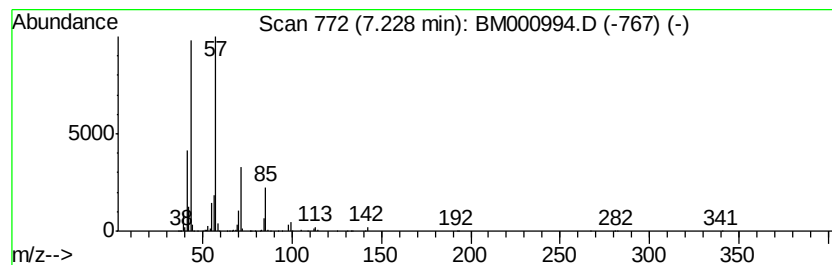
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	9.03 ng/ul	1463050	1,4-Dichlorobenzene-d4	7.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	94
2		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	83
3		Undecane	156	C11H24	001120-21-4	83
4		Decane	142	C10H22	000124-18-5	78
5		Decane	142	C10H22	000124-18-5	74



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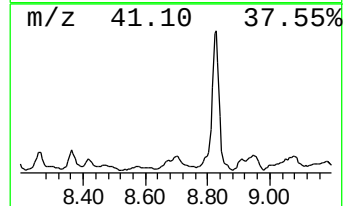
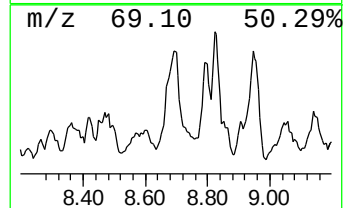
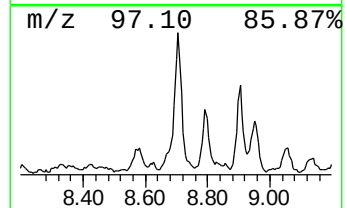
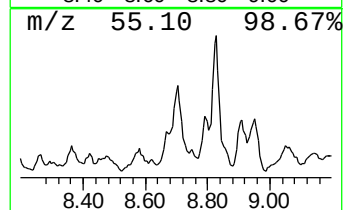
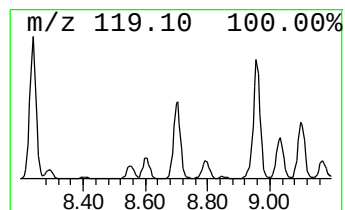
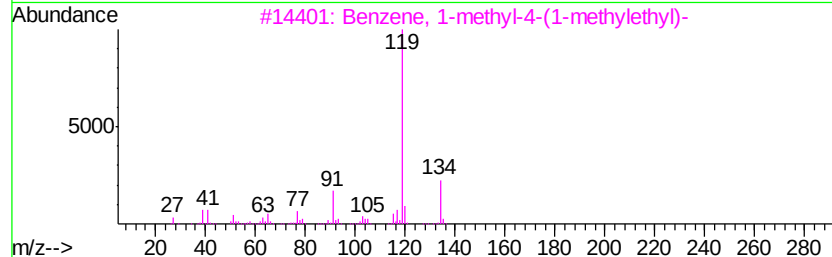
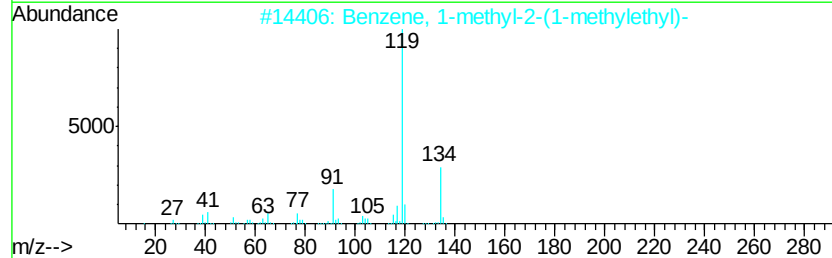
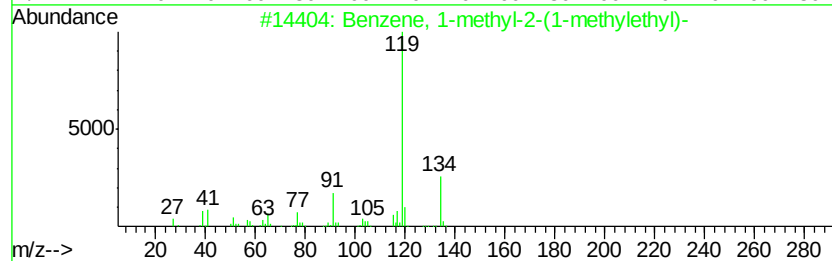
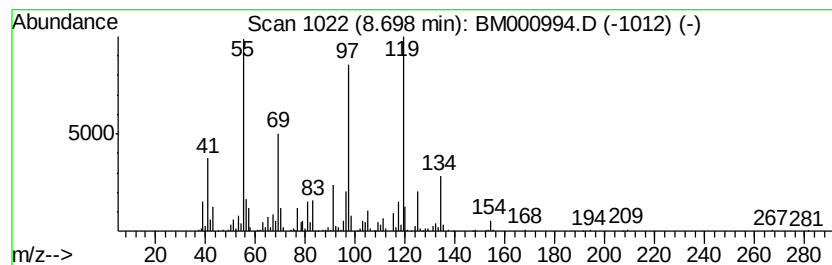
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Benzene, 1-methyl-2-(1-meth... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	12.67 ng/ul	2052010	1,4-Dichlorobenzene-d4	7.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	89
2		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	83
3		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	80
4		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	46
5		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	46



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
Data File : BM000994.D
Acq On : 14 Apr 2015 21:25
Operator : TP/IZ
Sample : G1830-02RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P001-SS002-0006-01RE

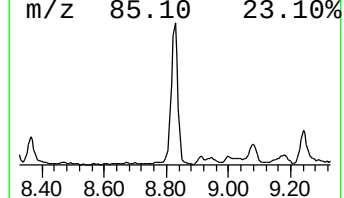
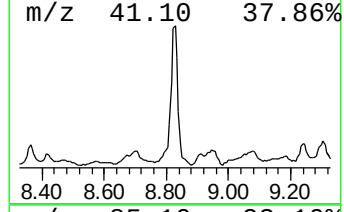
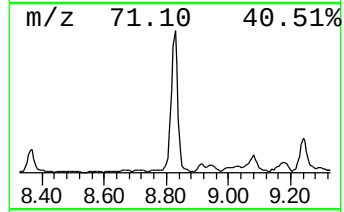
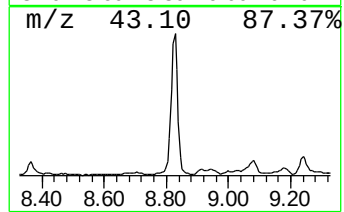
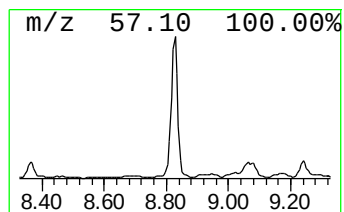
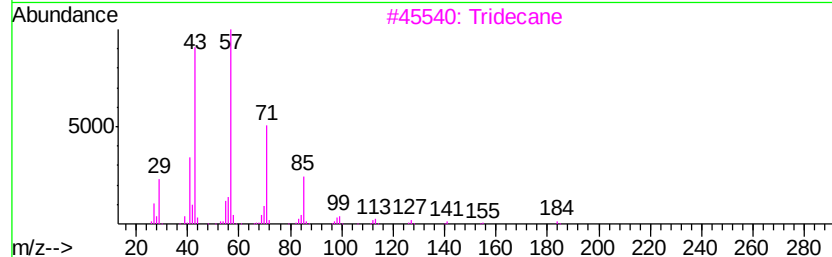
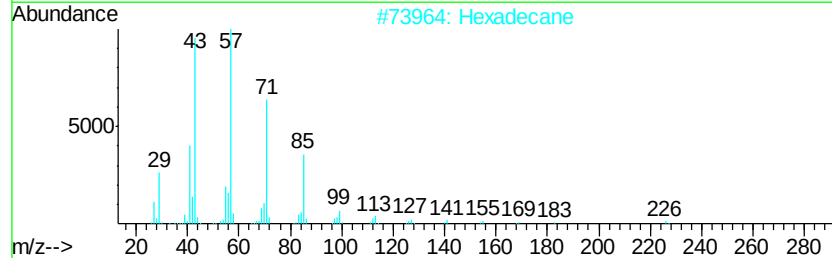
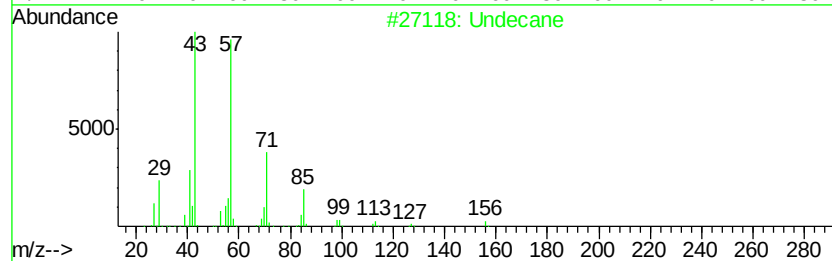
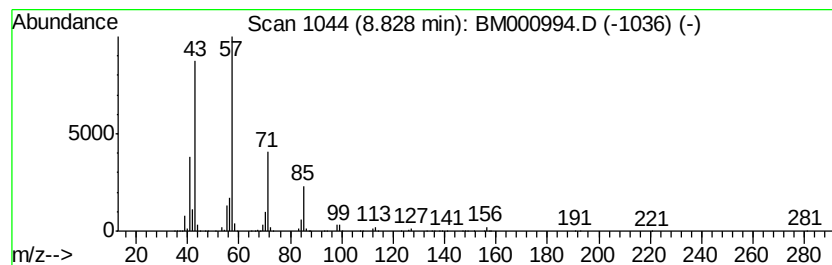
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chain Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	48.23 ng/ul	7814360	1,4-Dichlorobenzene-d4	7.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	90
2		Hexadecane	226	C16H34	000544-76-3	90
3		Tridecane	184	C13H28	000629-50-5	86
4		Decane	142	C10H22	000124-18-5	83
5		Eicosane	282	C20H42	000112-95-8	83



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Acq On : 14 Apr 2015 21:25
Operator : TP/IZ
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Instrument :
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ClientSampleId :
P001-SS002-0006-01RE

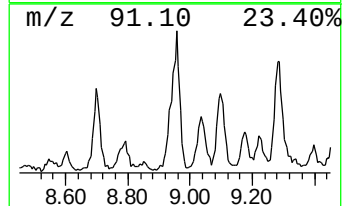
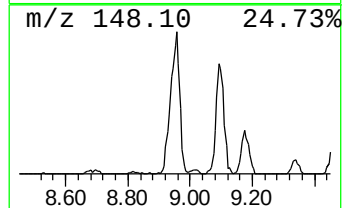
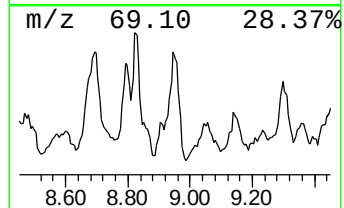
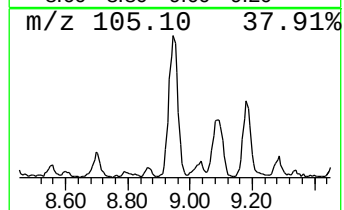
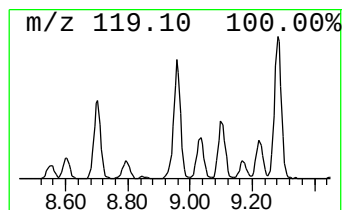
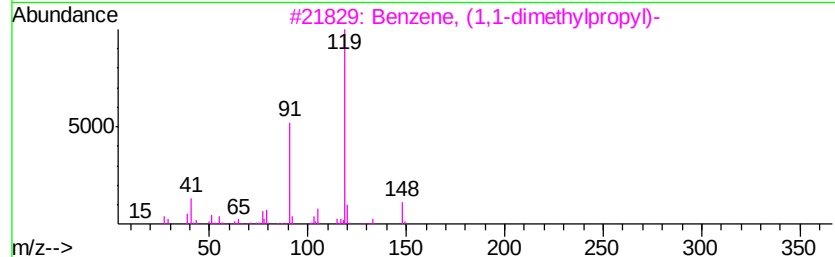
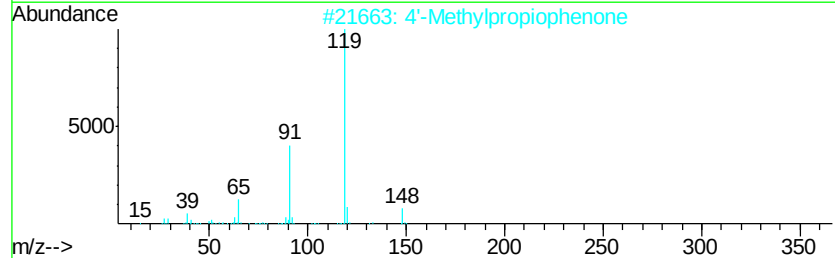
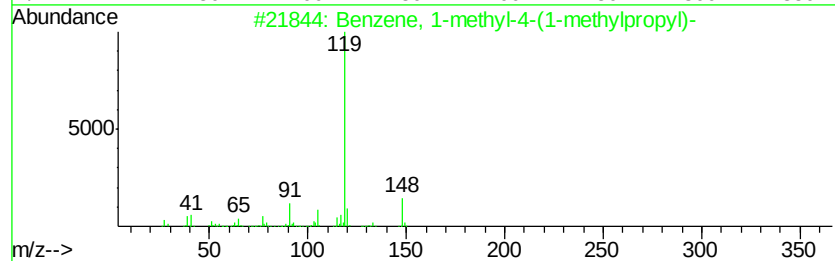
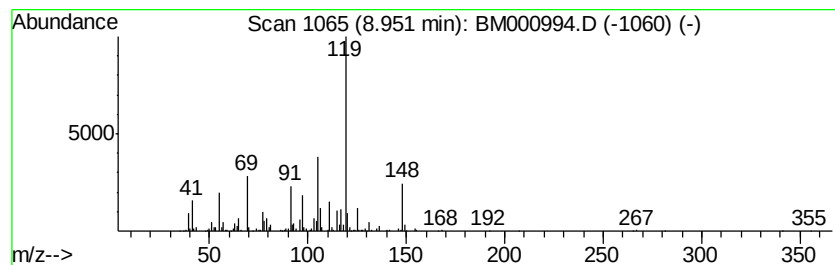
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzene, 1-methyl-4-(1-meth... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	12.40 ng/ul	2008740	1,4-Dichlorobenzene-d4	7.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	62
2		4'-Methylpropiophenone	148	C10H12O	005337-93-9	49
3		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	49
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	47
5		Propiophenone, 2'-methyl-	148	C10H12O	002040-14-4	47



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
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Operator : TP/IZ
Sample : G1830-02RE
Misc :
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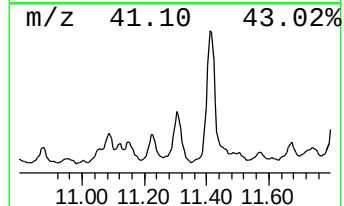
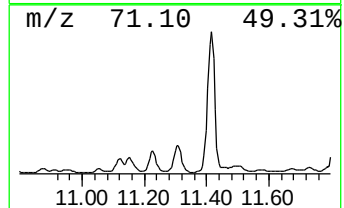
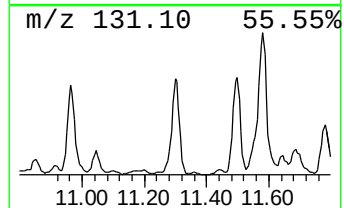
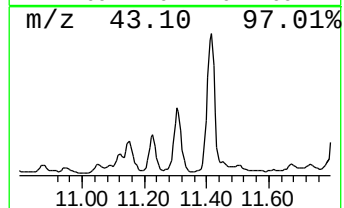
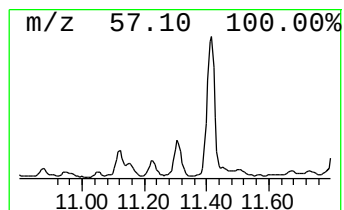
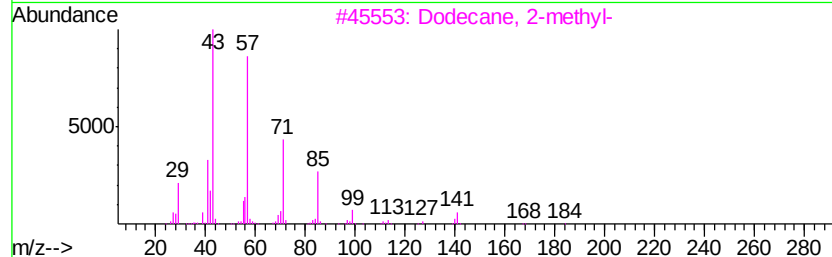
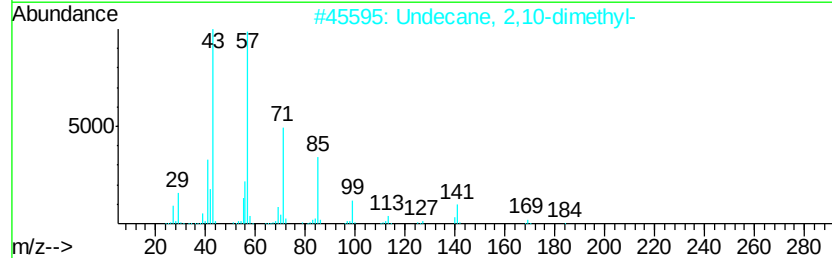
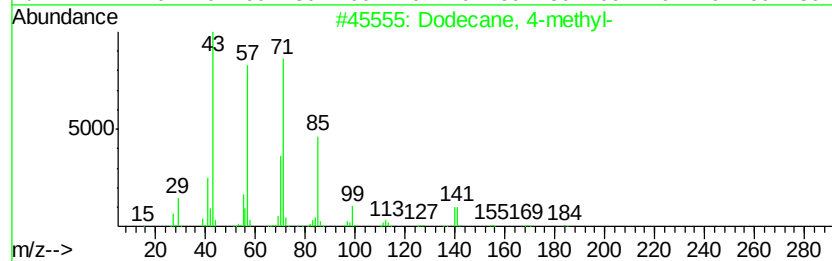
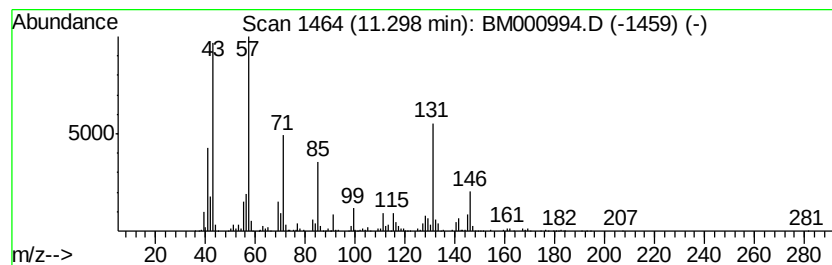
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chain Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.30	6.05 ng/ul	6644450	Napthalene-d8	10.39	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	55
2	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	49
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	49
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	47
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	47



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
Data File : BM000994.D
Acq On : 14 Apr 2015 21:25
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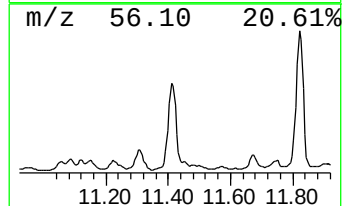
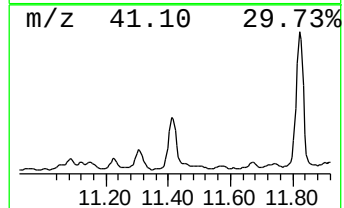
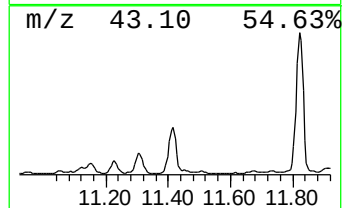
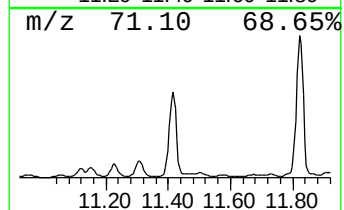
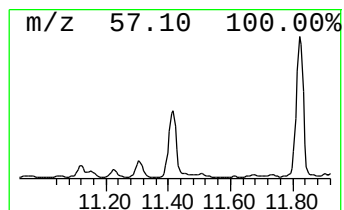
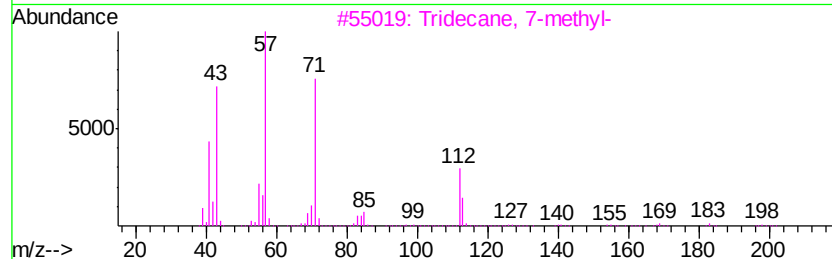
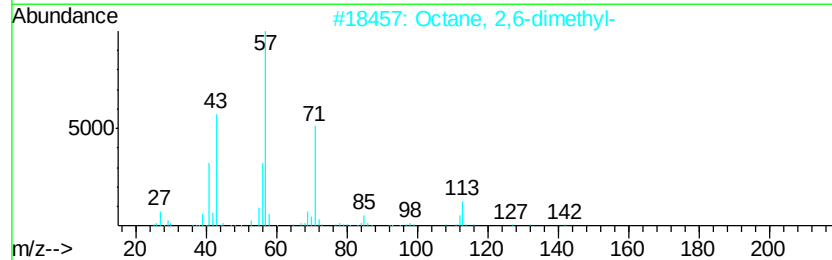
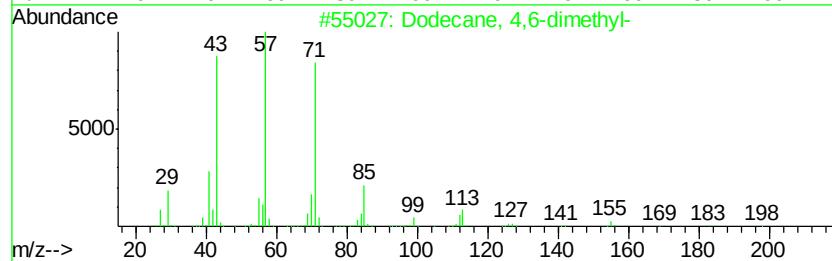
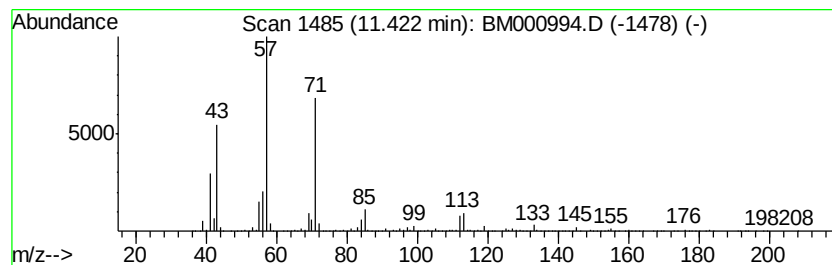
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chain Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	15.72 ng/ul	17246600	Napthalene-d8	10.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	76
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3		Tridecane, 7-methyl-	198	C14H30	026730-14-3	72
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
5		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
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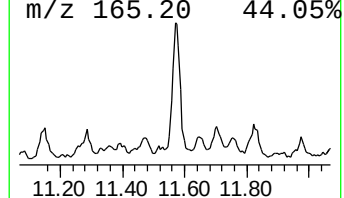
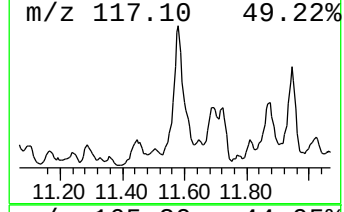
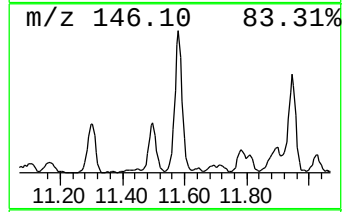
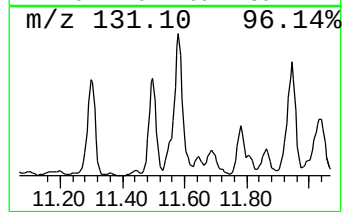
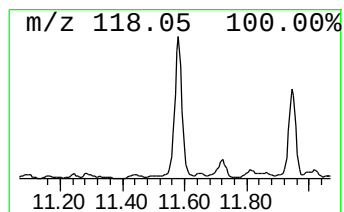
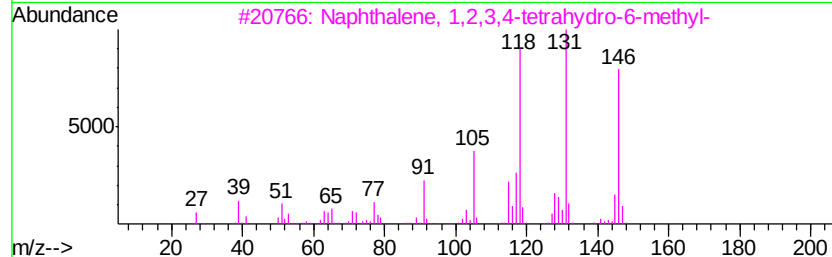
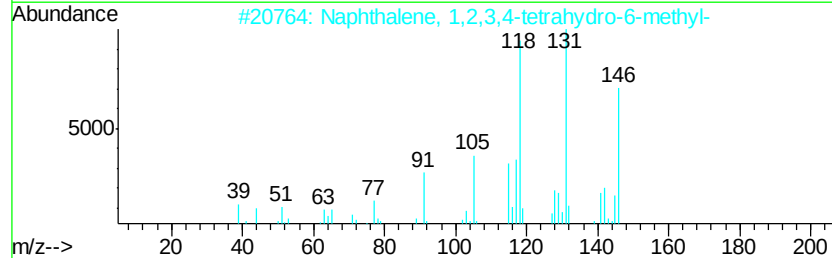
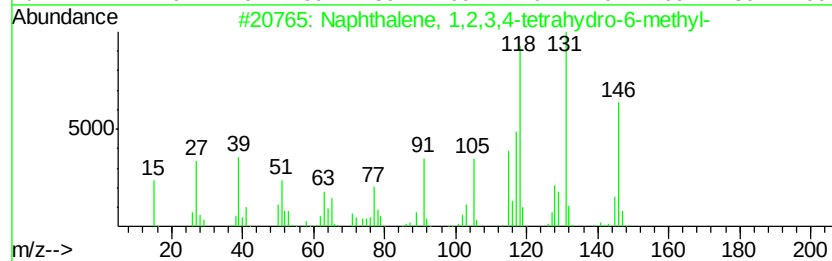
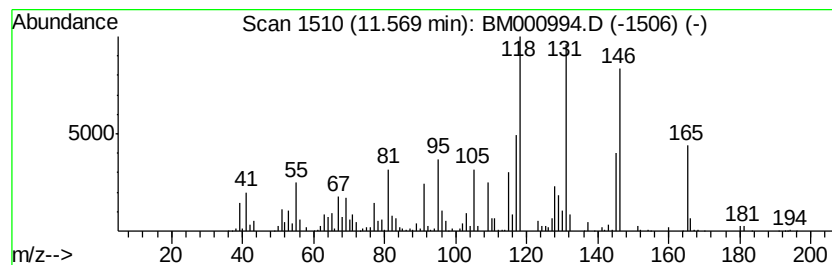
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Naphthalene, 1,2,3,4-tetra... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	3.39 ng/ul	3717290	Naphthalene-d8	10.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	90
3		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	90
4		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	83
5		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	81



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
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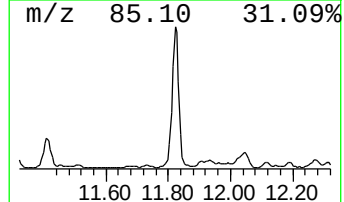
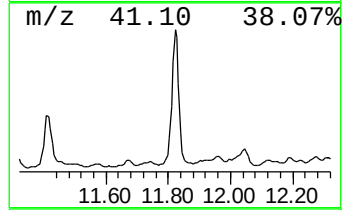
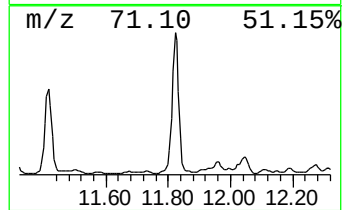
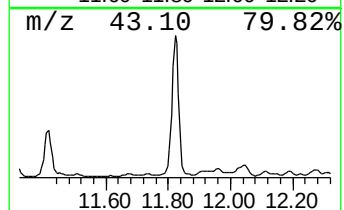
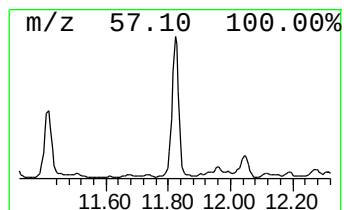
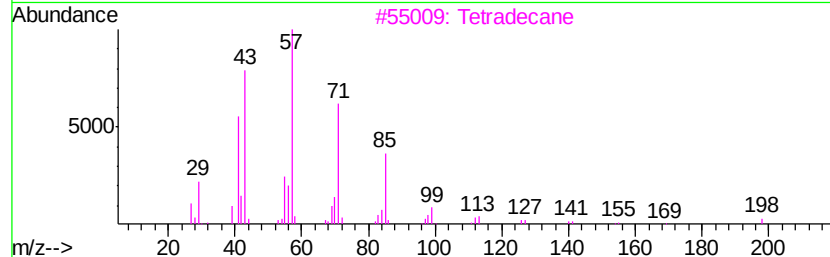
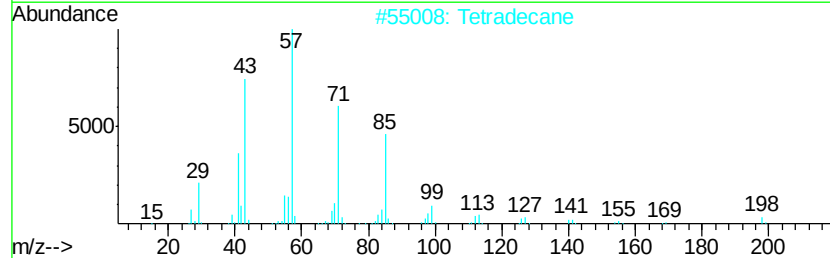
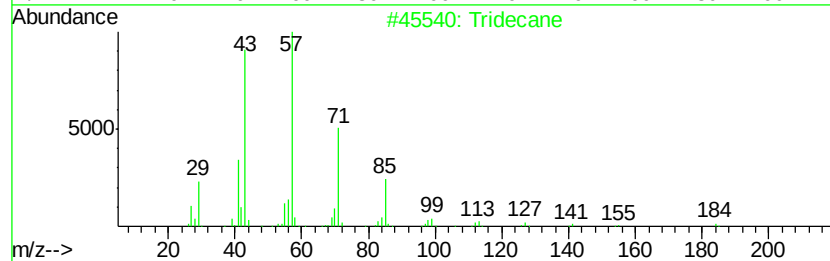
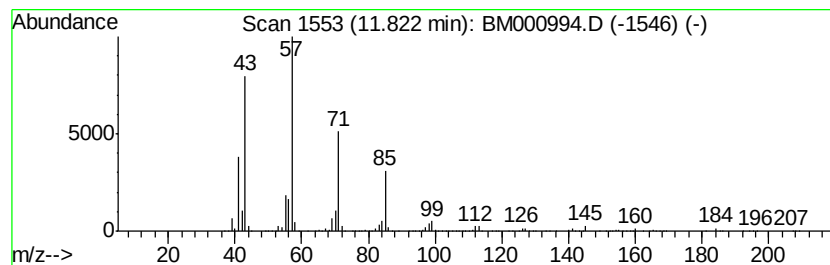
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chain Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	30.20 ng/ul	33136800	Napthalene-d8	10.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	93
2		Tetradecane	198	C14H30	000629-59-4	90
3		Tetradecane	198	C14H30	000629-59-4	90
4		Eicosane	282	C20H42	000112-95-8	90
5		Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
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Sample : G1830-02RE
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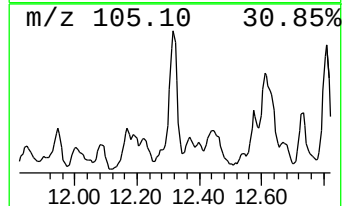
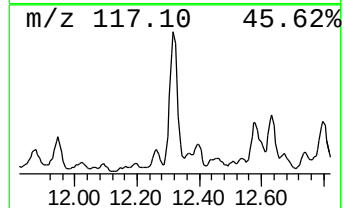
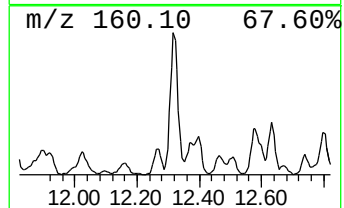
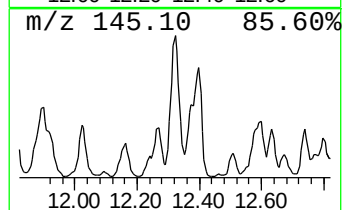
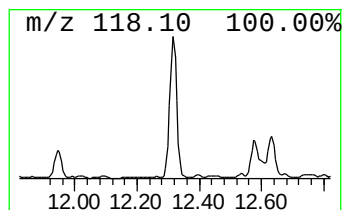
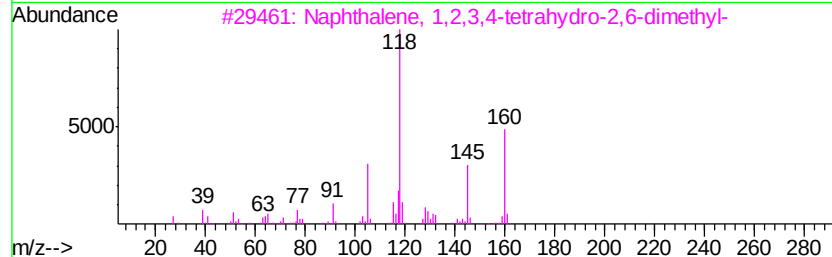
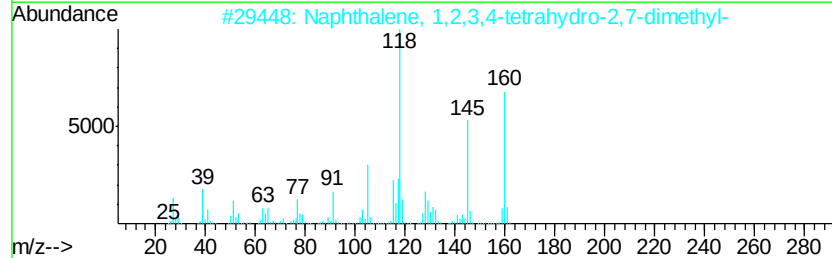
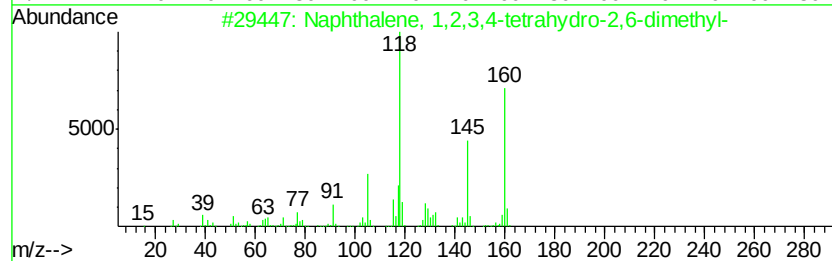
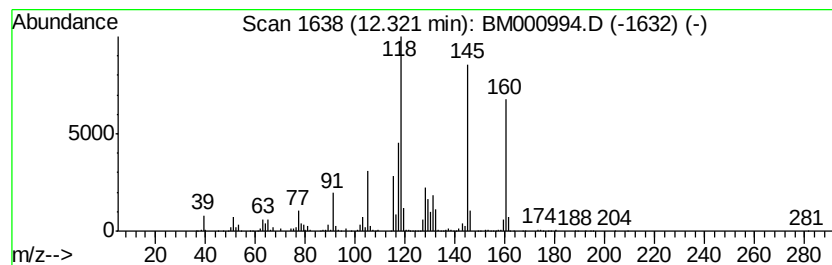
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ClientSampleId :
P001-SS002-0006-01RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM041415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 11 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.32	8.06 ng/ul	8849640	Naphthalene-d8	10.39		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	81	
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	81	
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	70	
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	58	
5	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	58	



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
Data File : BM000994.D
Acq On : 14 Apr 2015 21:25
Operator : TP/IZ
Sample : G1830-02RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

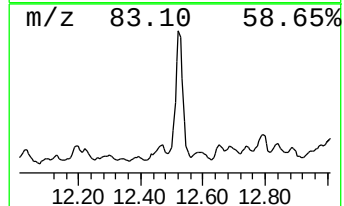
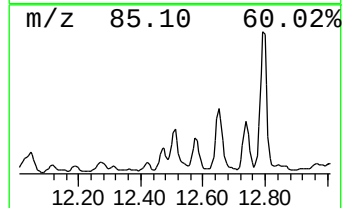
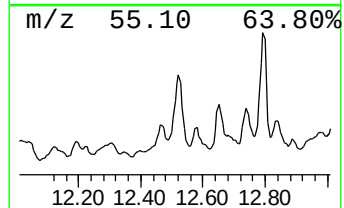
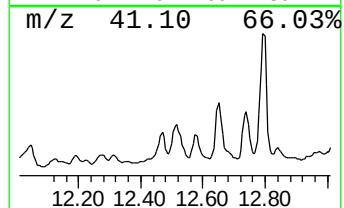
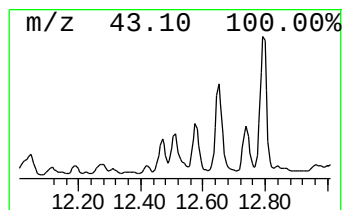
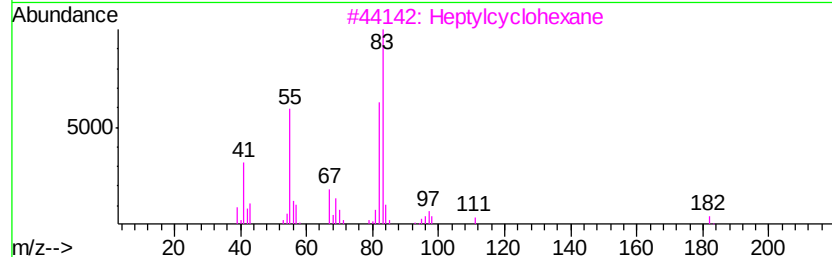
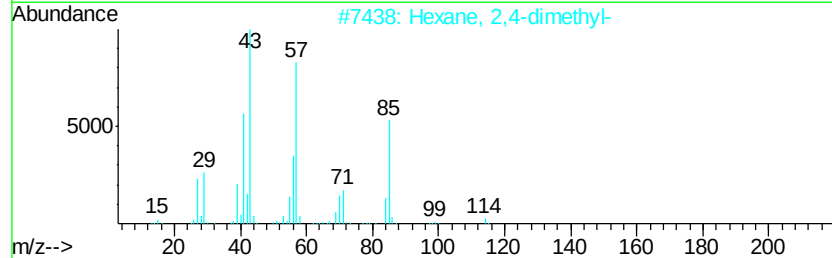
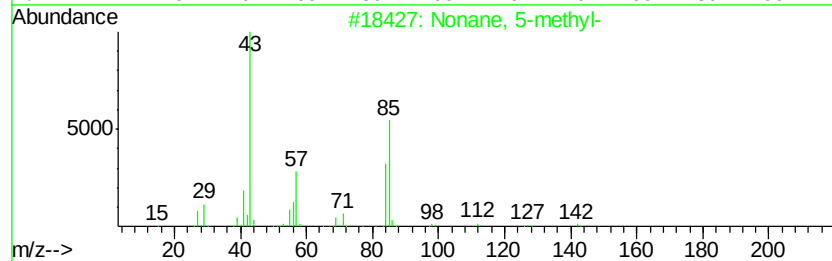
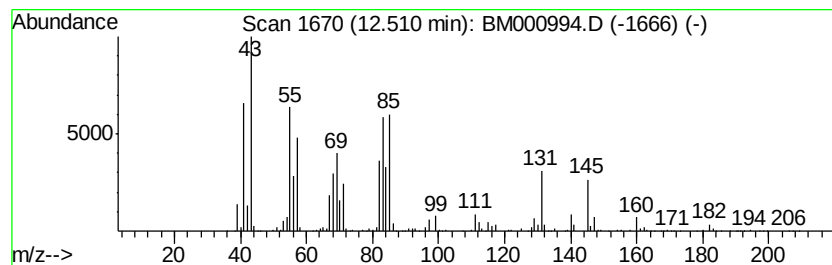
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM041415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Straight-Chain Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.51	4.53 ng/ul	7100730	Acenaphthene-d10	14.26	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 5-methyl-	142	C10H22	015869-85-9	27
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	22
3	Heptylcyclohexane	182	C13H26	005617-41-4	22
4	Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	22
5	2,4-Dimethyldodecane	198	C14H30	006117-99-3	18



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
Data File : BM000994.D
Acq On : 14 Apr 2015 21:25
Operator : TP/IZ
Sample : G1830-02RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P001-SS002-0006-01RE

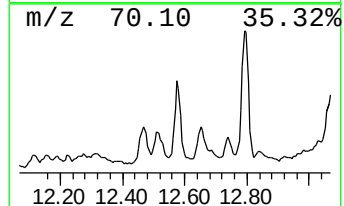
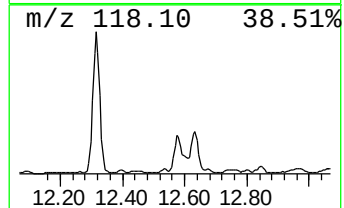
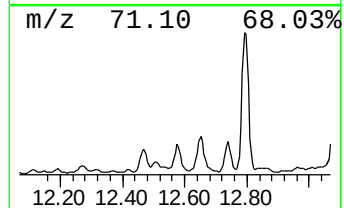
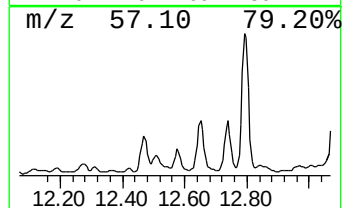
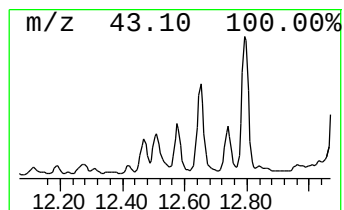
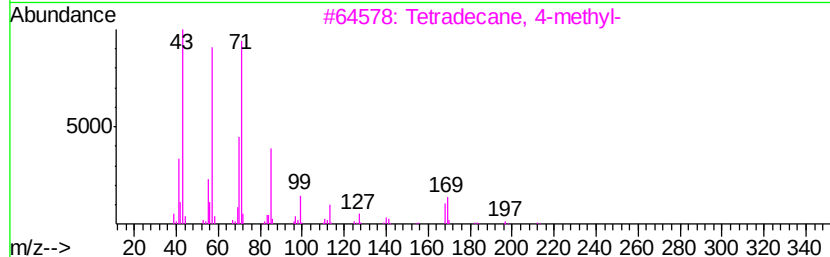
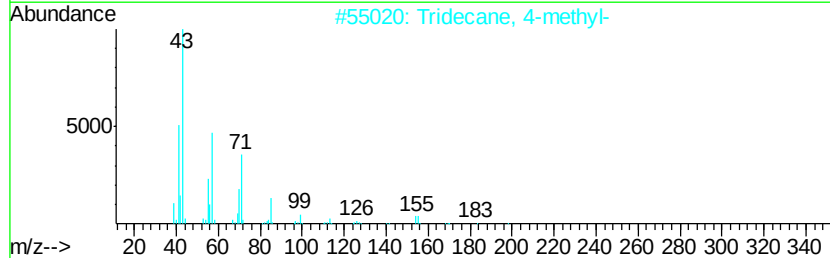
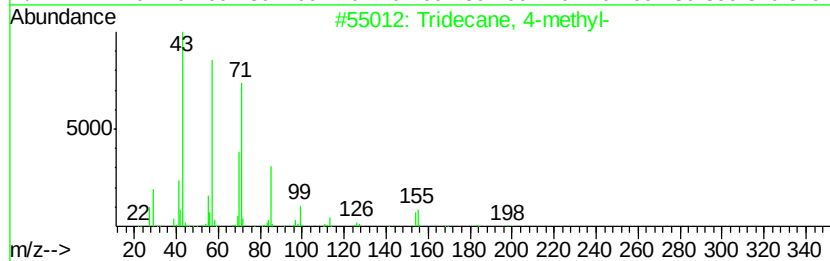
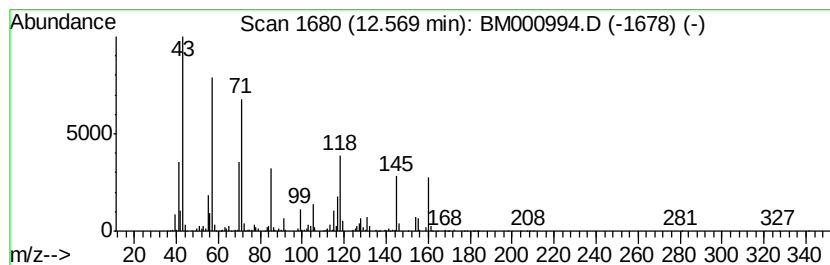
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 (DEL) Alkane: Straight-Chain Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	4.53 ng/ul	7096460	Acenaphthene-d10	14.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 4-methyl-	198	C14H30	026730-12-1	55
2			Tridecane, 4-methyl-	198	C14H30	026730-12-1	49
3			Tetradecane, 4-methyl-	212	C15H32	025117-24-2	46
4			Dodecane, 4-methyl-	184	C13H28	006117-97-1	46
5			Undecane, 2,8-dimethyl-	184	C13H28	017301-25-6	43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
Data File : BM000994.D
Acq On : 14 Apr 2015 21:25
Operator : TP/IZ
Sample : G1830-02RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

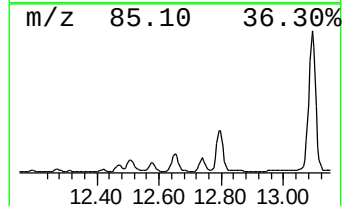
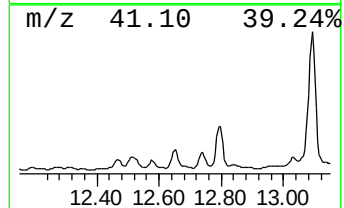
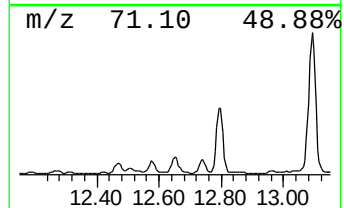
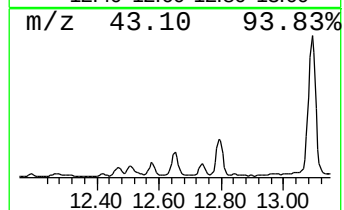
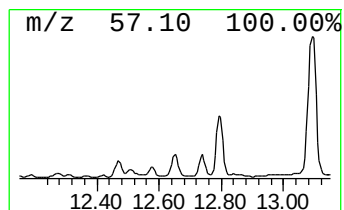
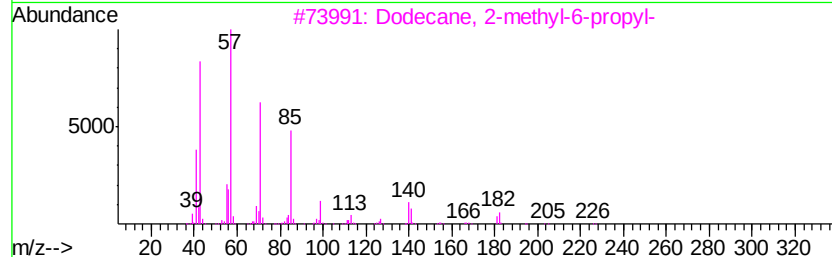
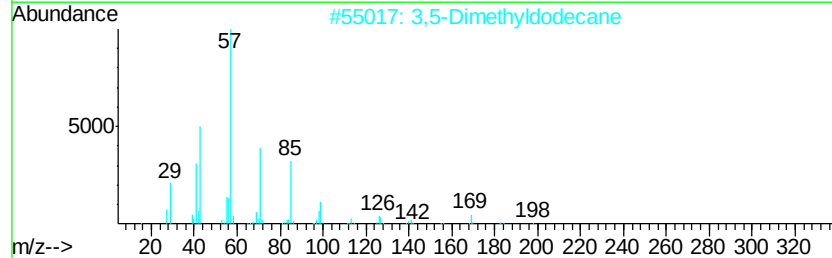
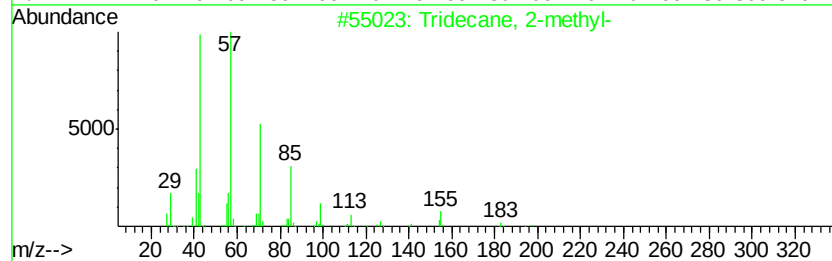
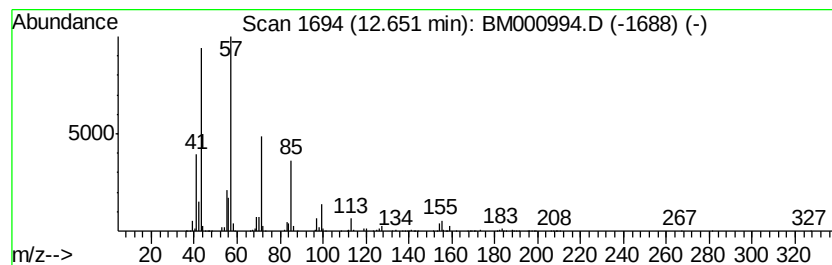
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ClientSampleId :
P001-SS002-0006-01RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM041415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 14 (DEL) Alkane: Straight-Chain Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD		R.T.		
12.65	9.51 ng/ul	14899900	Acenaphthene-d10		14.26		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 2-methyl-	198	C14H30	001560-96-9	96
2			3,5-Dimethyldodecane	198	C14H30	107770-99-0	80
3			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
4			Tetradecane, 2-methyl-	212	C15H32	001560-95-8	78
5			2,3-Dimethyldodecane	198	C14H30	006117-98-2	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
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Acq On : 14 Apr 2015 21:25
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Sample : G1830-02RE
Misc :
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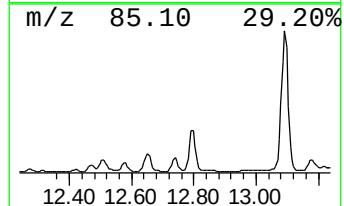
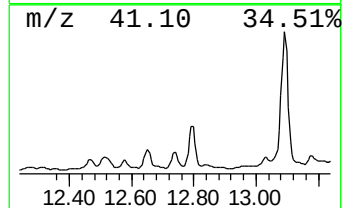
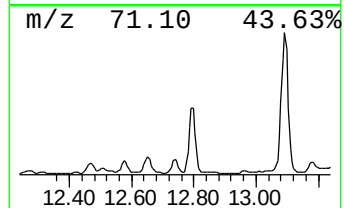
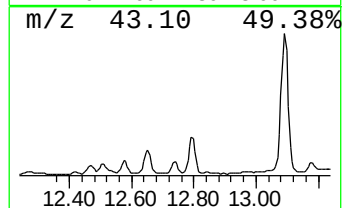
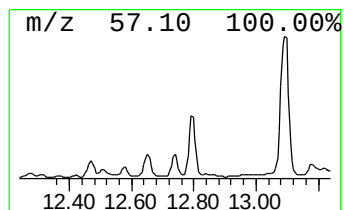
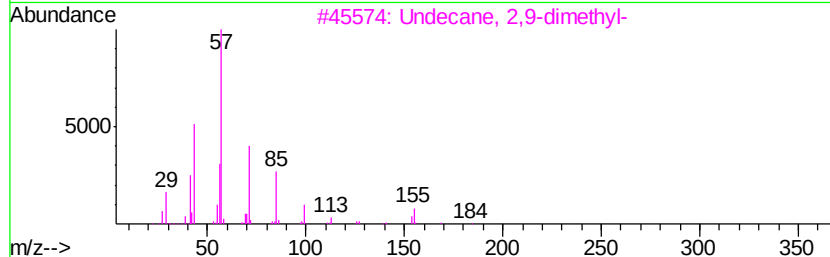
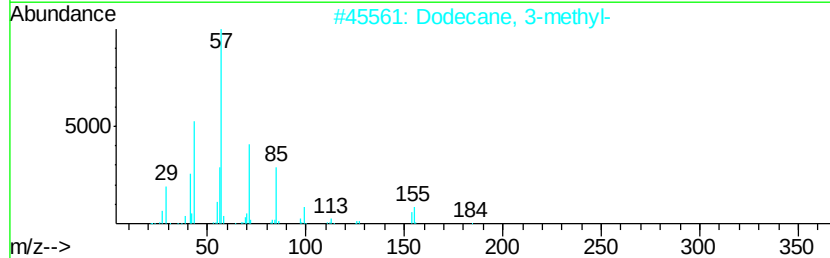
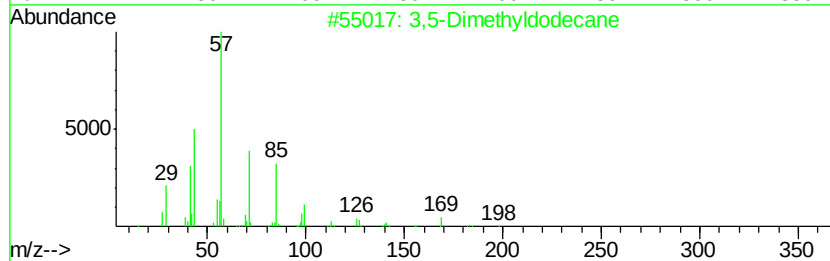
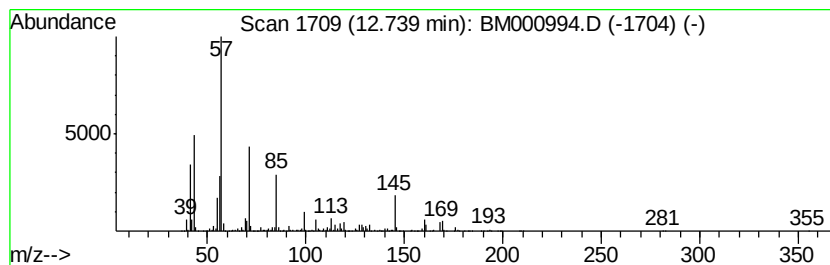
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM041415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 15 (DEL) Alkane: Straight-Chain Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.74	6.33 ng/ul	9918500	Acenaphthene-d10	14.26	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethyldodecane	198	C14H30	107770-99-0	76
2	Dodecane, 3-methyl-	184	C13H28	017312-57-1	64
3	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	64
4	Tridecane, 3-methyl-	198	C14H30	006418-41-3	64
5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	59



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
Data File : BM000994.D
Acq On : 14 Apr 2015 21:25
Operator : TP/IZ
Sample : G1830-02RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P001-SS002-0006-01RE

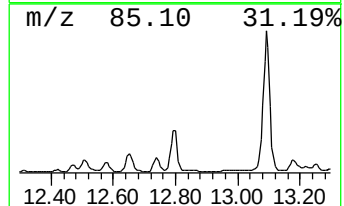
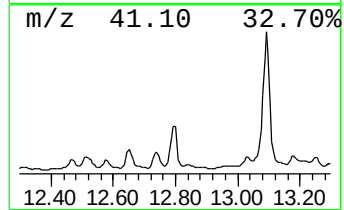
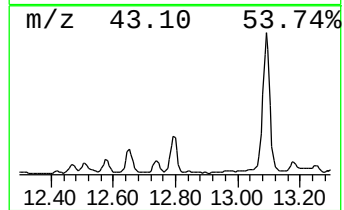
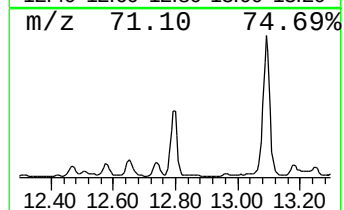
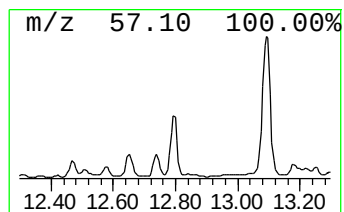
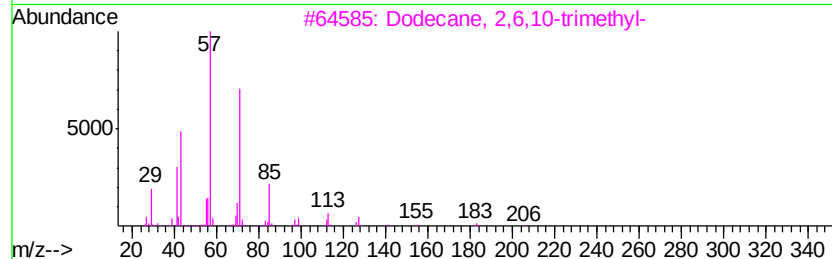
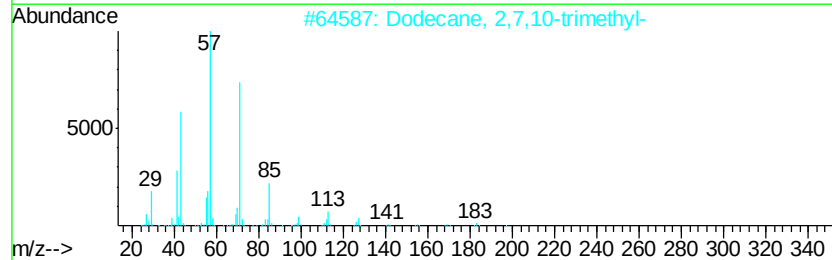
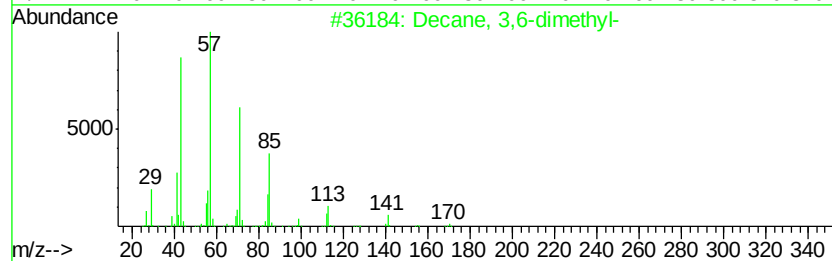
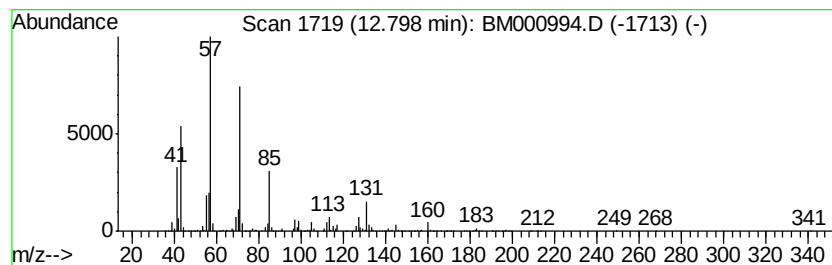
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	14.85 ng/ul	23274400	Acenaphthene-d10	14.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	87
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	87
3		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
4		Undecane, 5-methyl-	170	C12H26	001632-70-8	72
5		Undecane, 5-methyl-	170	C12H26	001632-70-8	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
Data File : BM000994.D
Acq On : 14 Apr 2015 21:25
Operator : TP/IZ
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P001-SS002-0006-01RE

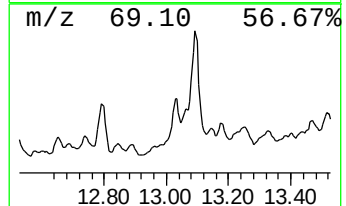
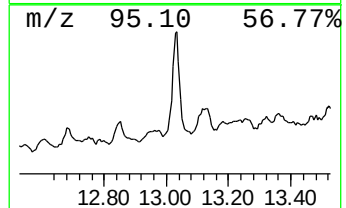
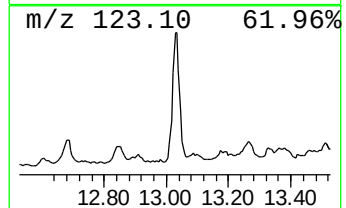
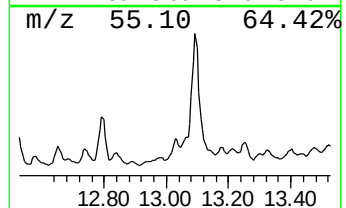
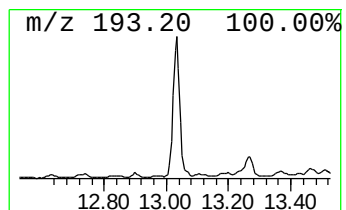
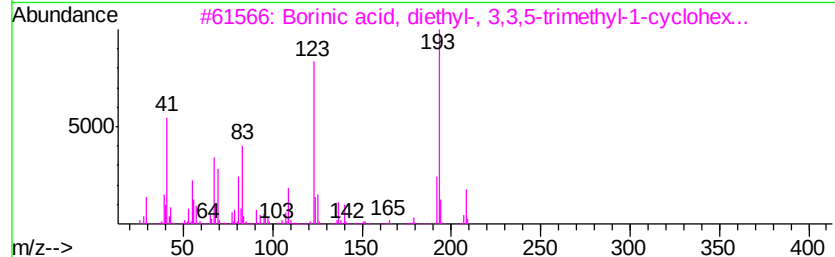
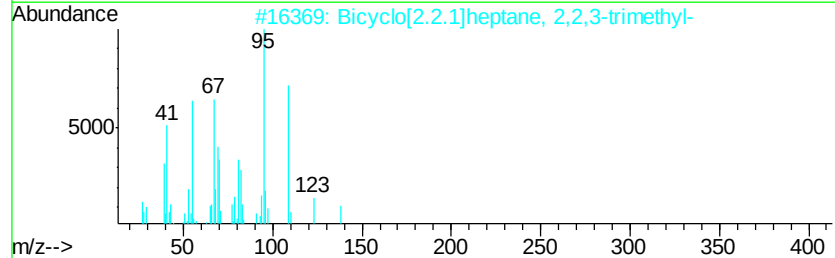
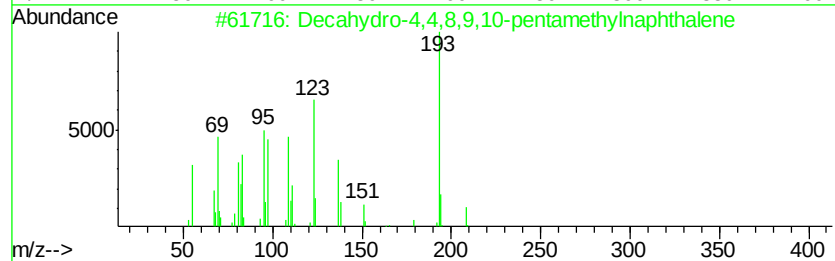
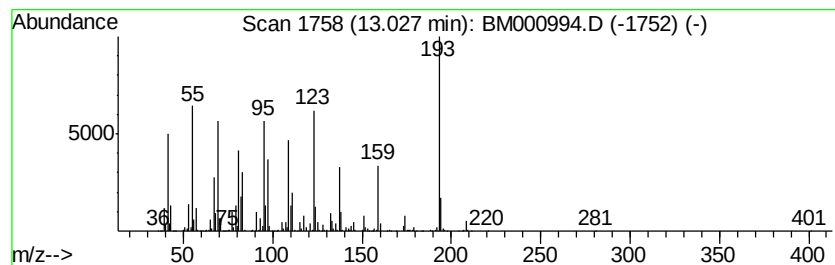
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Decahydro-4,4,8,9,10-pentam... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	6.19 ng/ul	9698620	Acenaphthene-d10	14.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	55
2		Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	18
3		Borinic acid, diethyl-, 3,3,5-tr...	208	C13H25BO	057387-76-5	16
4		2-Anthracenamine	193	C14H11N	000613-13-8	14
5		2-Anthracenamine	193	C14H11N	000613-13-8	14



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
Data File : BM000994.D
Acq On : 14 Apr 2015 21:25
Operator : TP/IZ
Sample : G1830-02RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

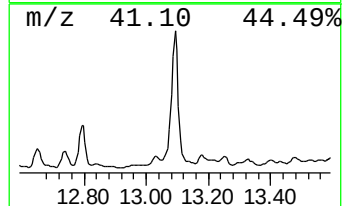
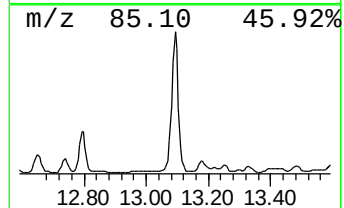
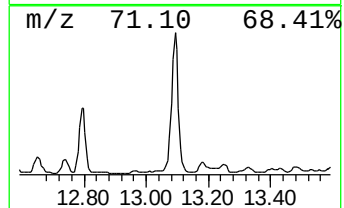
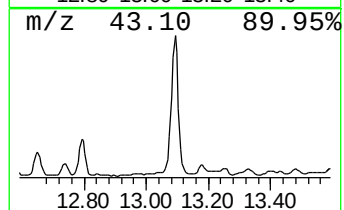
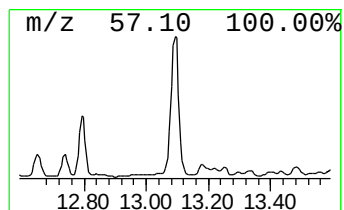
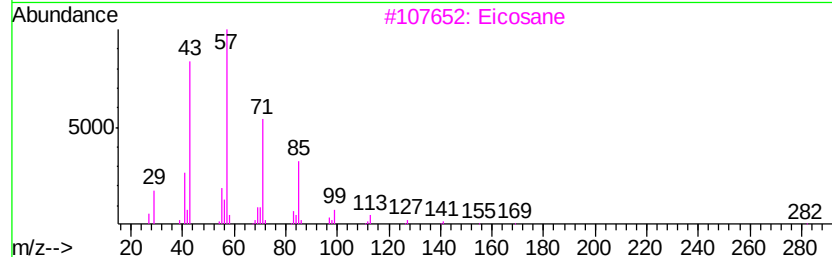
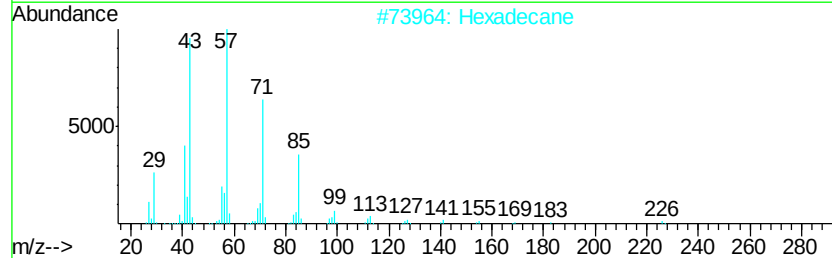
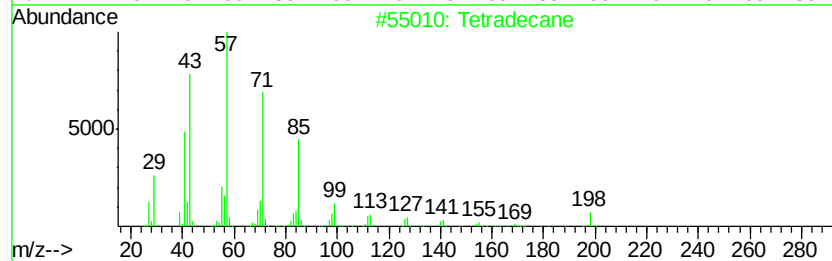
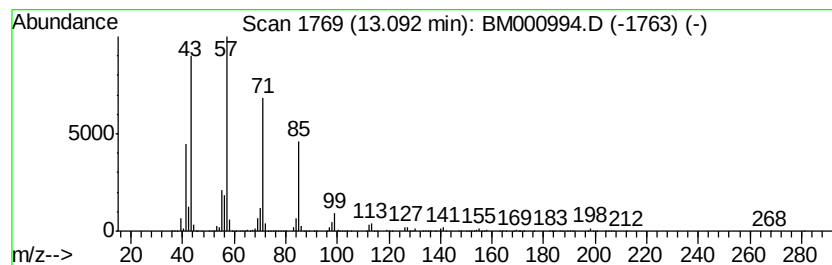
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ClientSampleId :
P001-SS002-0006-01RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM041415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 18 (DEL) Alkane: Straight-Chain Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.09	42.23 ng/ul	66200500	Acenaphthene-d10	14.26	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	94
2	Hexadecane	226	C16H34	000544-76-3	91
3	Eicosane	282	C20H42	000112-95-8	90
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
5	Pentadecane	212	C15H32	000629-62-9	83



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
Data File : BM000994.D
Acq On : 14 Apr 2015 21:25
Operator : TP/IZ
Sample : G1830-02RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P001-SS002-0006-01RE

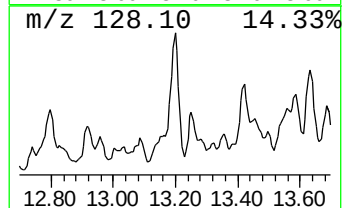
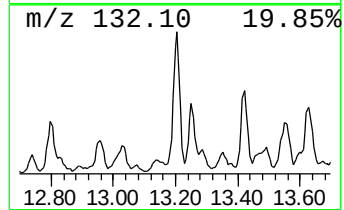
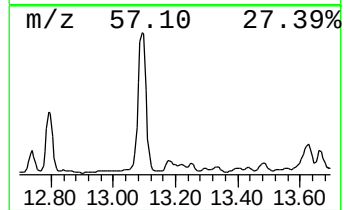
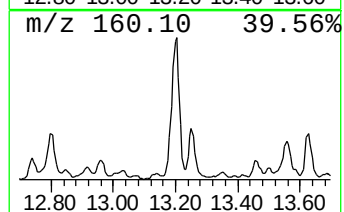
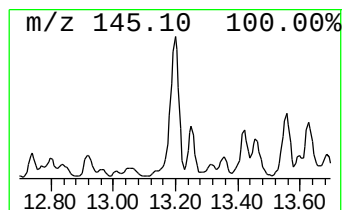
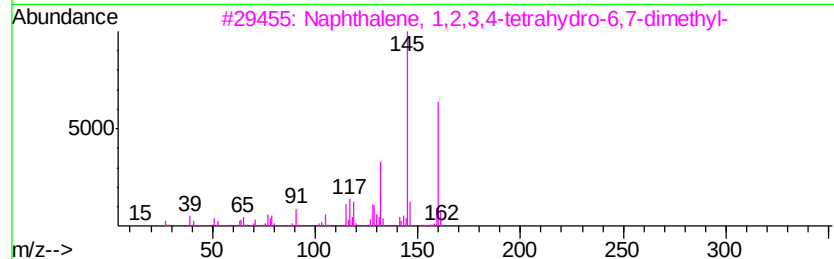
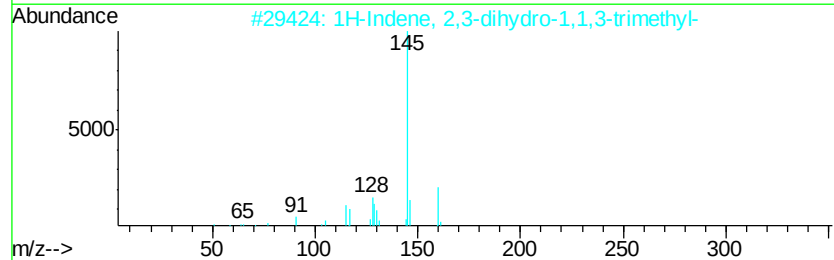
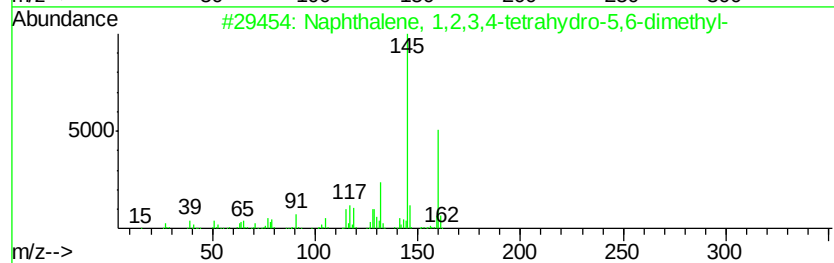
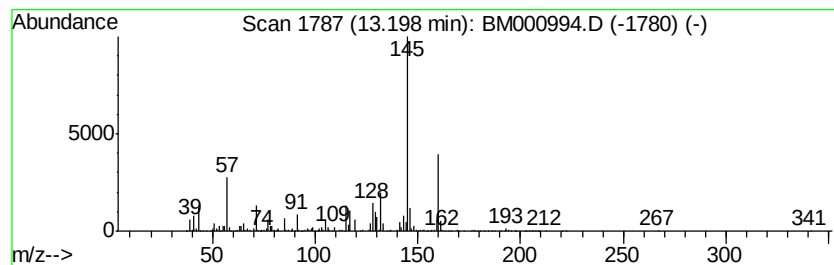
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	11.12 ng/ul	17425600	Acenaphthene-d10	14.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	94
2		1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	93
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	93
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	91
5		Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
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Acq On : 14 Apr 2015 21:25
Operator : TP/IZ
Sample : G1830-02RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

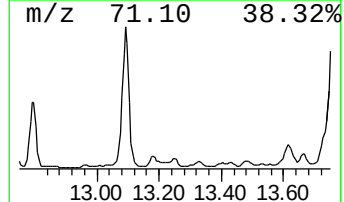
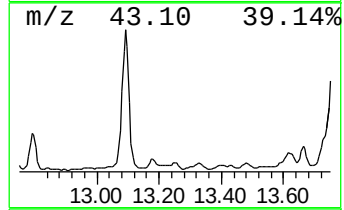
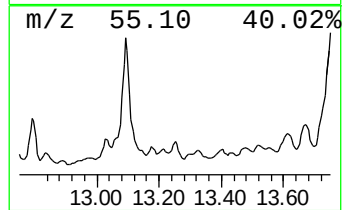
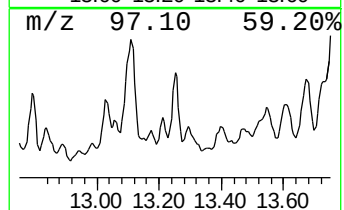
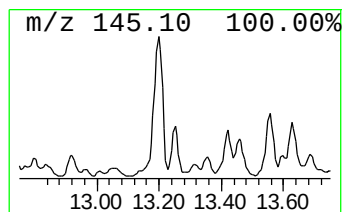
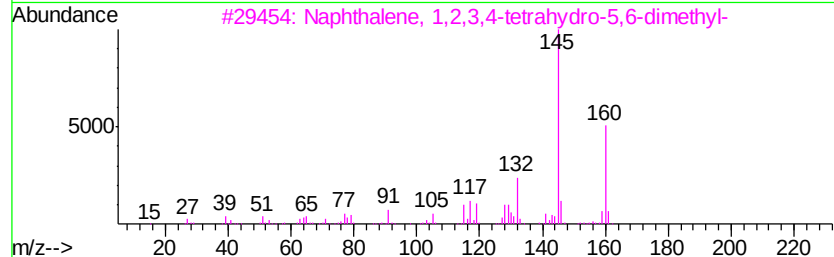
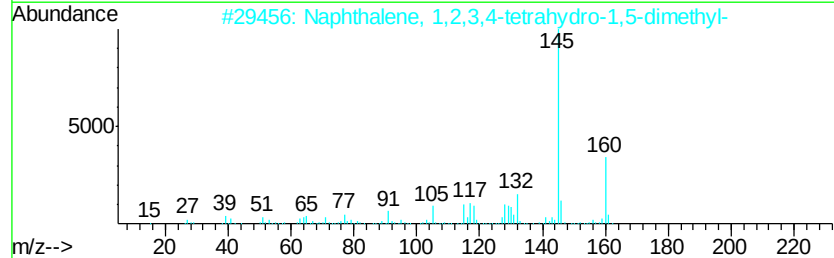
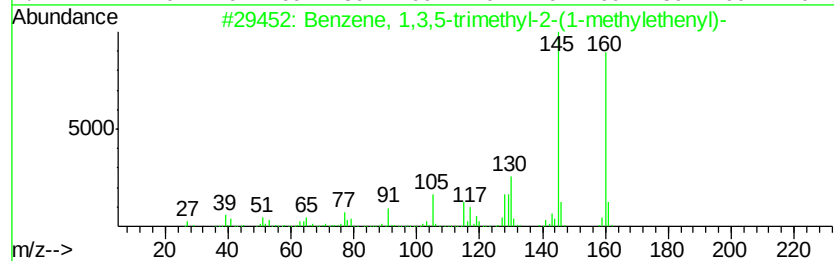
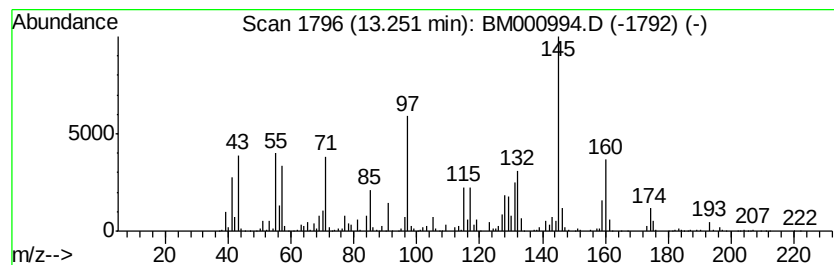
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ClientSampleId :
P001-SS002-0006-01RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM041415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 20 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	4.11 ng/ul	6446160	Acenaphthene-d10	14.26
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1,3,5-trimethyl-2-(1-me...	160 C12H16	014679-13-1 53
2		Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	021564-91-0 50
3		Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	020027-77-4 50
4		Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	001076-61-5 46
5		Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	021693-54-9 45



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
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Acq On : 14 Apr 2015 21:25
Operator : TP/IZ
Sample : G1830-02RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

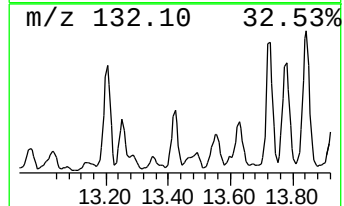
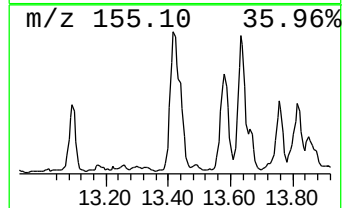
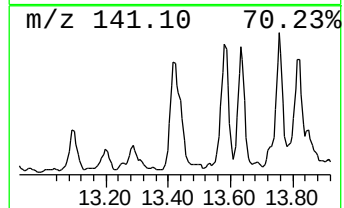
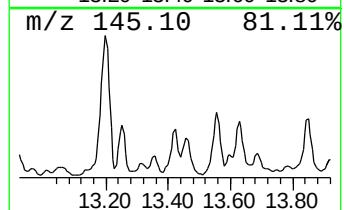
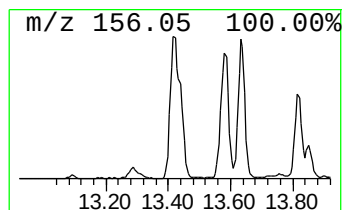
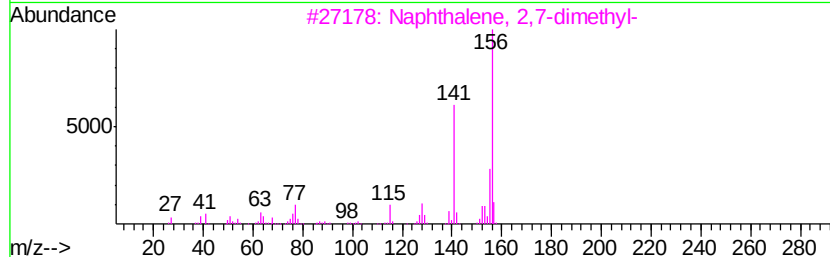
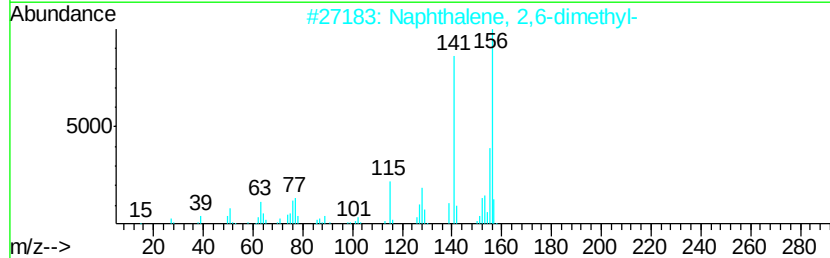
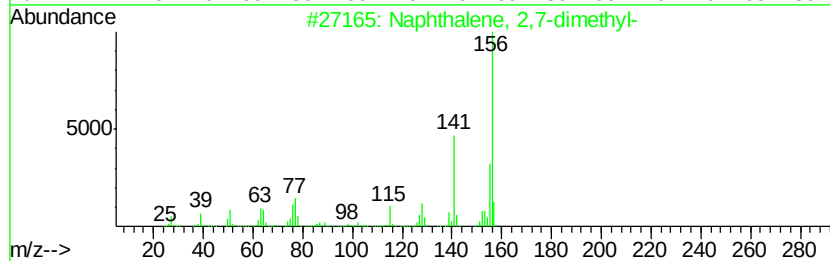
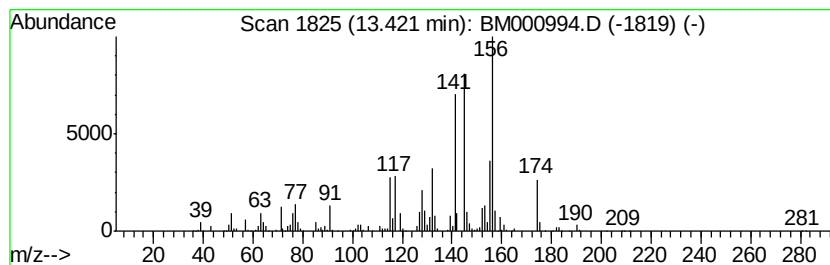
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 Naphthalene, 2,7-dimethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	5.47 ng/ul	8577260	Acenaphthene-d10	14.26
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 96
2		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 95
3		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 93
4		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 91
5		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
Data File : BM000994.D
Acq On : 14 Apr 2015 21:25
Operator : TP/IZ
Sample : G1830-02RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P001-SS002-0006-01RE

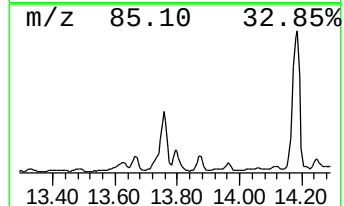
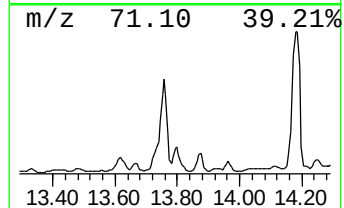
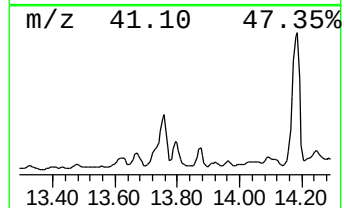
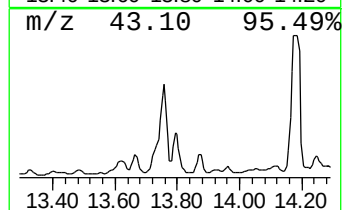
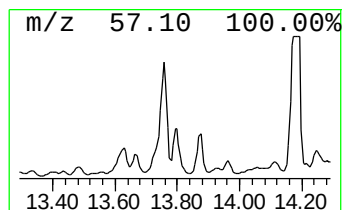
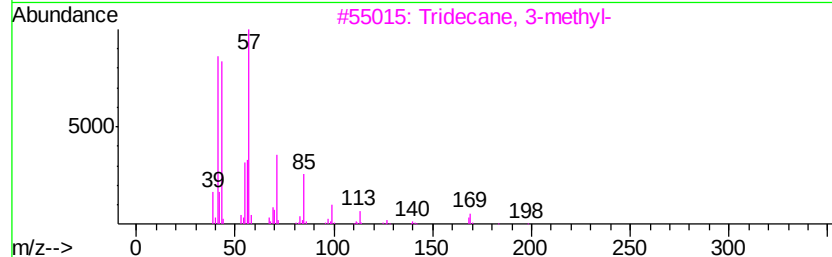
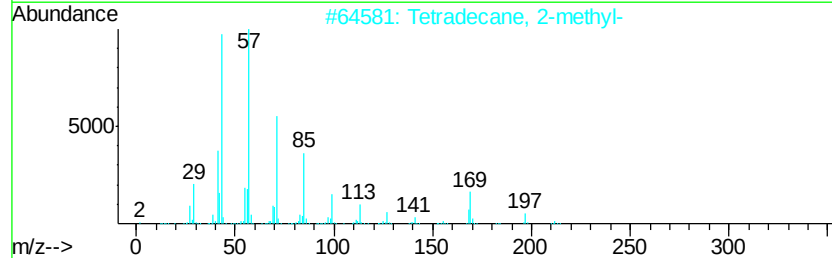
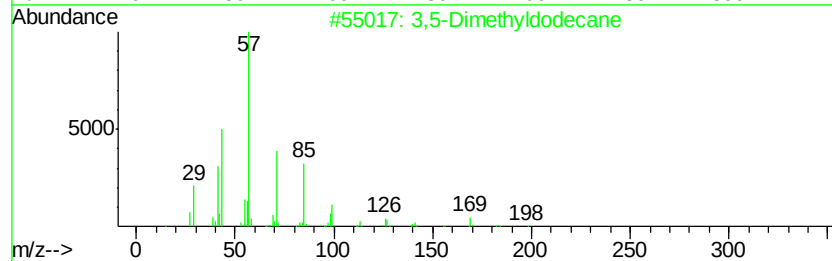
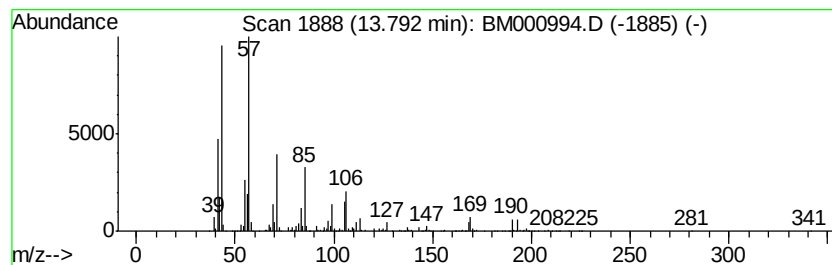
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 (DEL) Alkane: Straight-Chain Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	12.50 ng/ul	19599600	Acenaphthene-d10	14.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,5-Dimethyldodecane	198	C14H30	107770-99-0	81
2		Tetradecane, 2-methyl-	212	C15H32	001560-95-8	72
3		Tridecane, 3-methyl-	198	C14H30	006418-41-3	64
4		Tridecane, 3-methyl-	198	C14H30	006418-41-3	55
5		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
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Acq On : 14 Apr 2015 21:25
Operator : TP/IZ
Sample : G1830-02RE
Misc :
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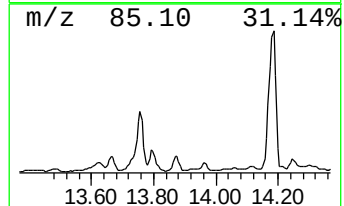
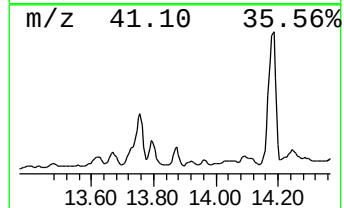
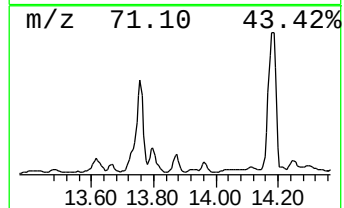
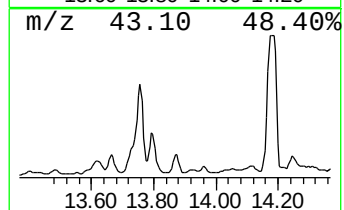
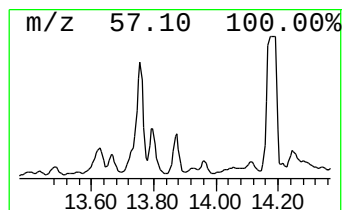
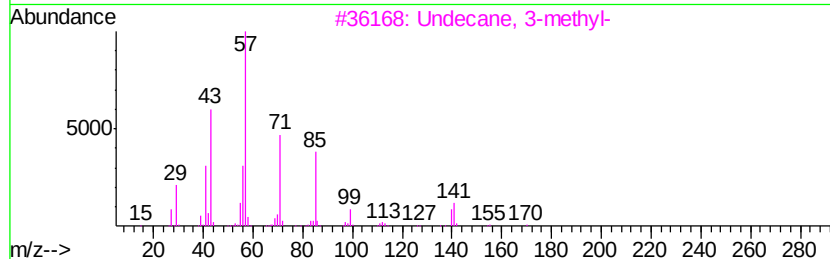
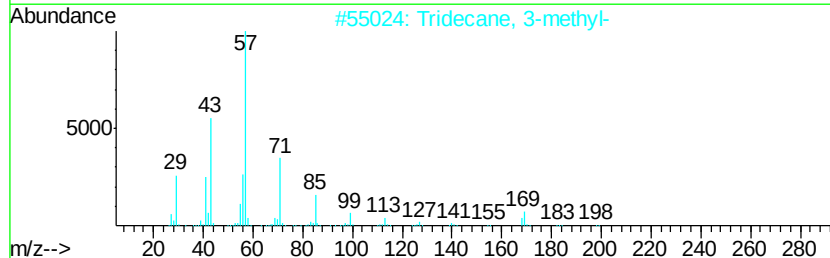
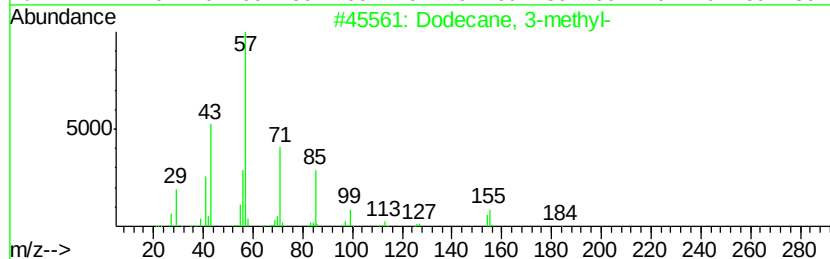
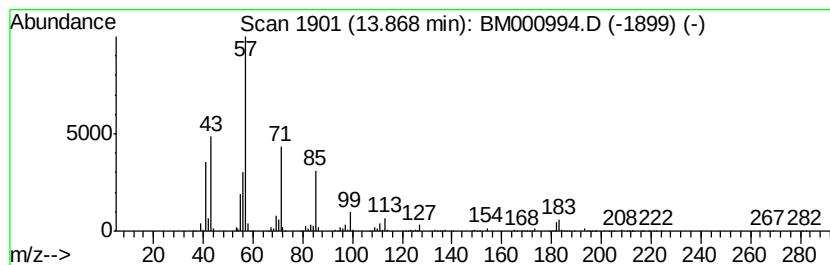
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM041415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 23 (DEL) Alkane: Straight-Chain Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.87	6.53 ng/ul	10232100	Acenaphthene-d10	14.26	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 3-methyl-	184	C13H28	017312-57-1	72
2	Tridecane, 3-methyl-	198	C14H30	006418-41-3	72
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	64
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	64
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	59



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
Data File : BM000994.D
Acq On : 14 Apr 2015 21:25
Operator : TP/IZ
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ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P001-SS002-0006-01RE

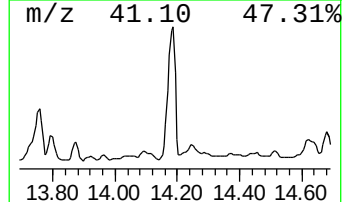
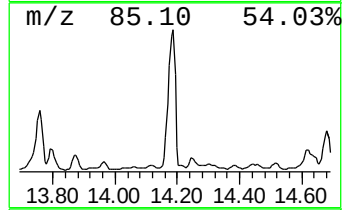
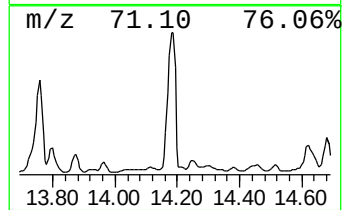
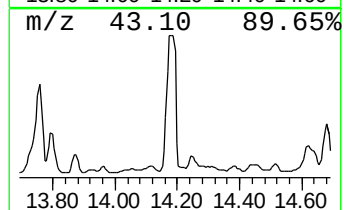
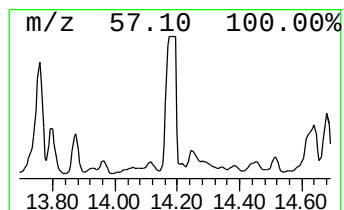
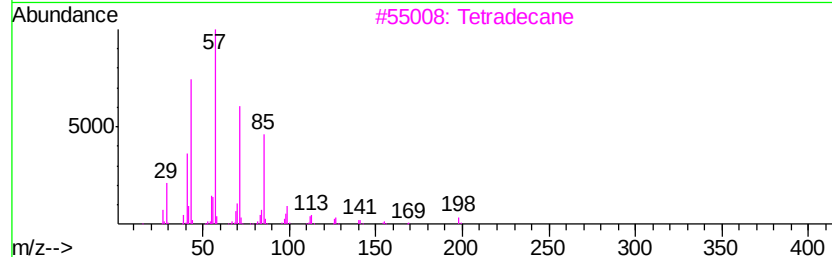
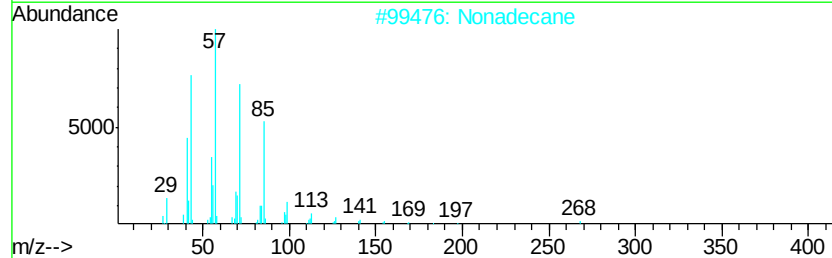
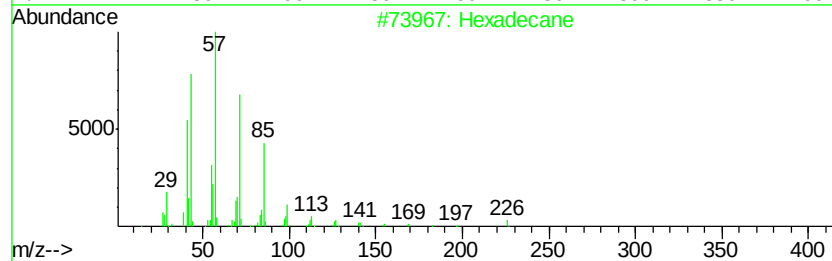
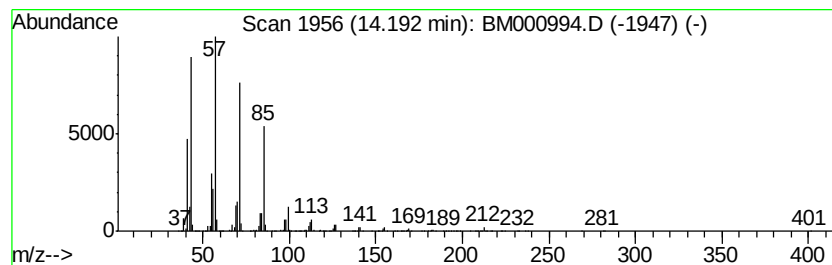
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 (DEL) Alkane: Straight-Chain Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	71.05 ng/ul	111381000	Acenaphthene-d10	14.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	87
2		Nonadecane	268	C19H40	000629-92-5	87
3		Tetradecane	198	C14H30	000629-59-4	86
4		Tetradecane	198	C14H30	000629-59-4	80
5		Eicosane	282	C20H42	000112-95-8	80



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
Data File : BM000994.D
Acq On : 14 Apr 2015 21:25
Operator : TP/IZ
Sample : G1830-02RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P001-SS002-0006-01RE

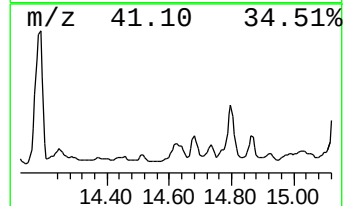
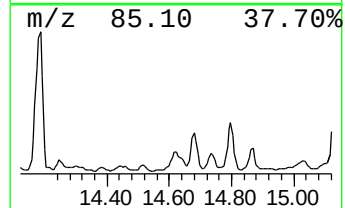
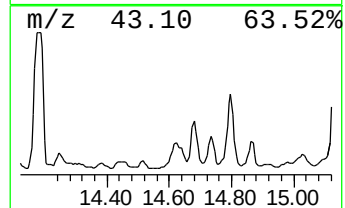
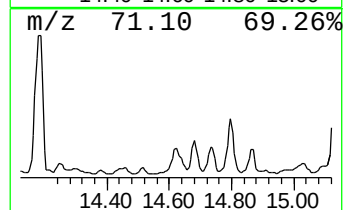
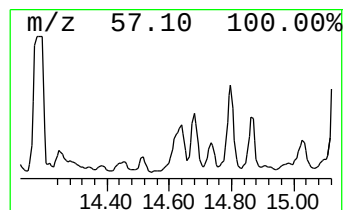
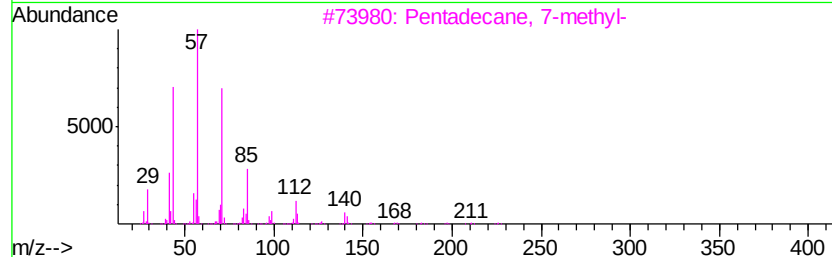
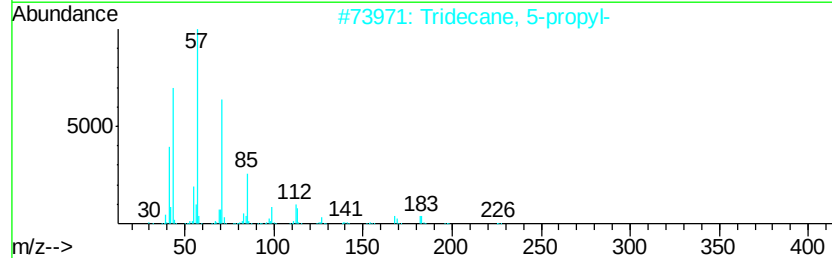
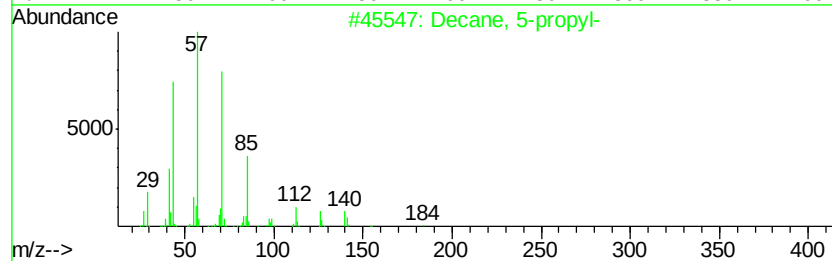
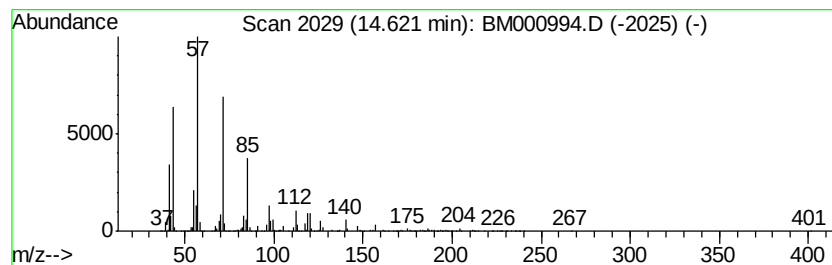
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 (DEL) Alkane: Straight-Chain Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	8.03 ng/ul	12580600	Acenaphthene-d10	14.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 5-propyl-	184	C13H28	017312-62-8	90
2		Tridecane, 5-propyl-	226	C16H34	055045-11-9	70
3		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	64
4		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	64
5		Pentacosane	352	C25H52	000629-99-2	53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
Data File : BM000994.D
Acq On : 14 Apr 2015 21:25
Operator : TP/IZ
Sample : G1830-02RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

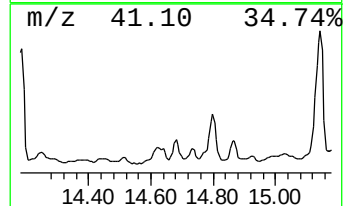
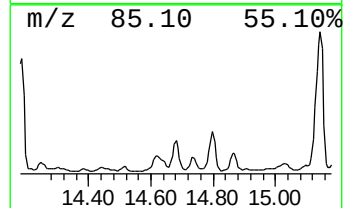
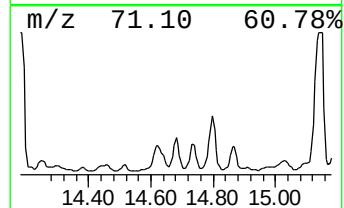
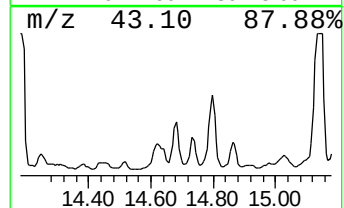
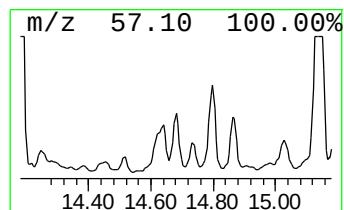
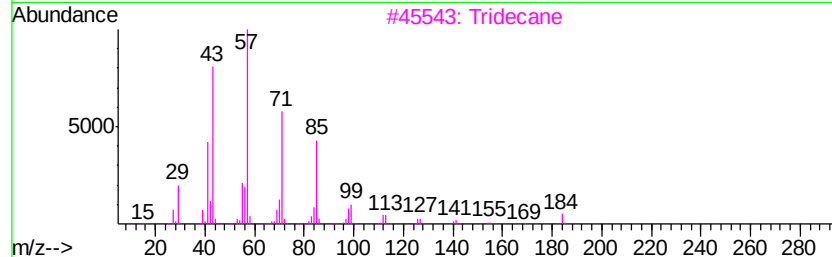
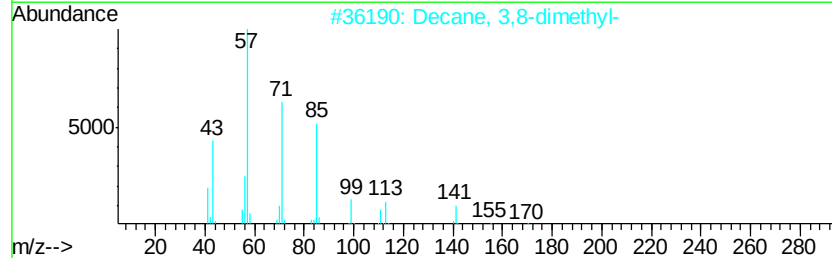
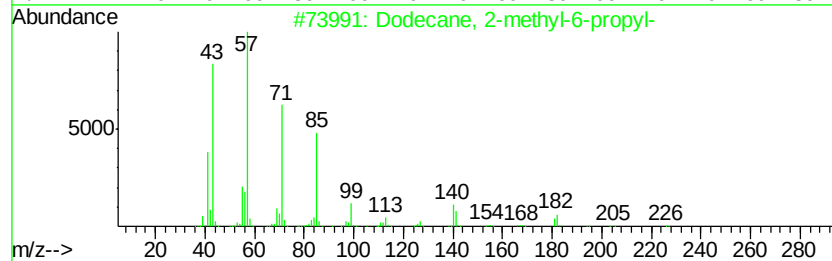
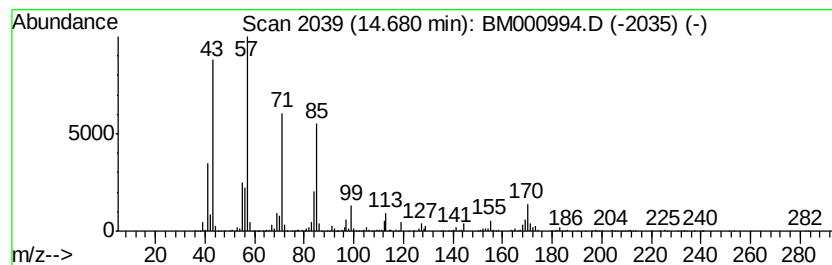
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ClientSampleId :
P001-SS002-0006-01RE

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Quant Title : SVOA CALIBRATION

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

Peak Number 26 (DEL) Alkane: Straight-Chain Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.68	15.22 ng/ul	23863600	Acenaphthene-d10	14.26	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	81
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64
3	Tridecane	184	C13H28	000629-50-5	64
4	1-Iodoundecane	282	C11H23I	004282-44-4	58
5	Octane, 2-methyl-	128	C9H20	003221-61-2	58



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
Data File : BM000994.D
Acq On : 14 Apr 2015 21:25
Operator : TP/IZ
Sample : G1830-02RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P001-SS002-0006-01RE

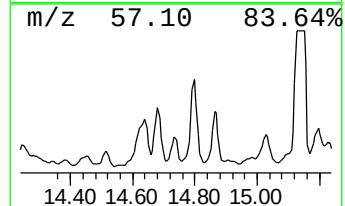
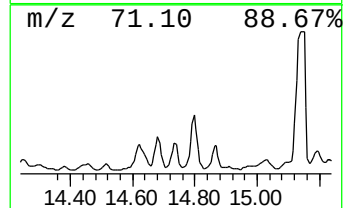
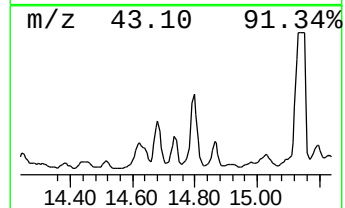
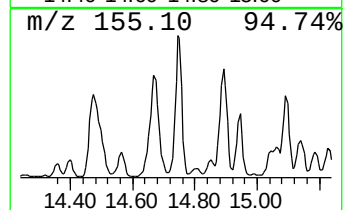
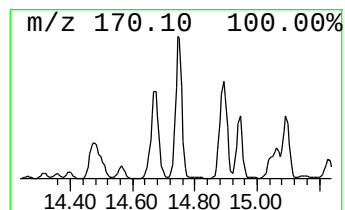
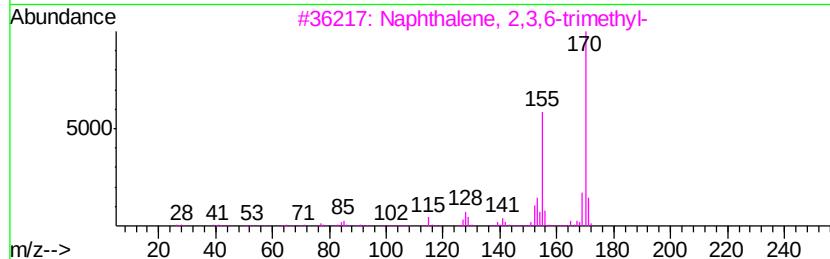
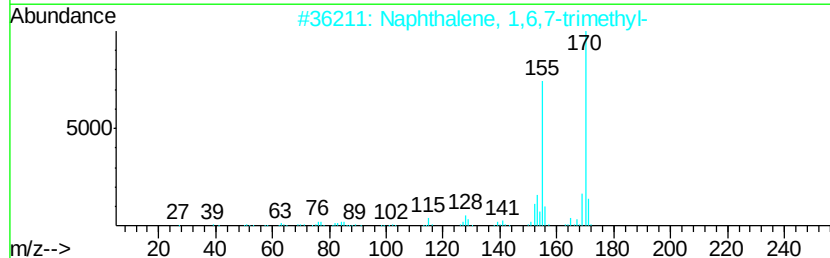
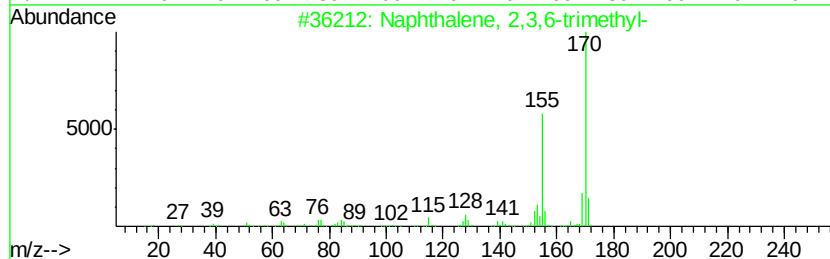
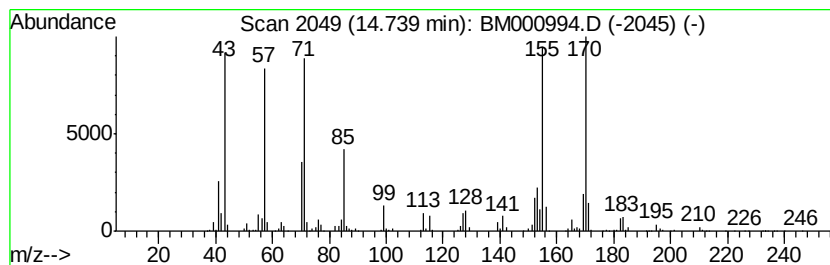
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	9.61 ng/ul	15071200	Acenaphthene-d10	14.26

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
Data File : BM000994.D
Acq On : 14 Apr 2015 21:25
Operator : TP/IZ
Sample : G1830-02RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P001-SS002-0006-01RE

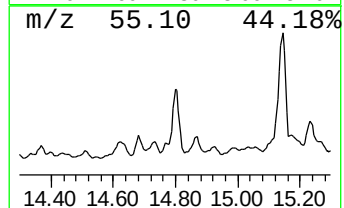
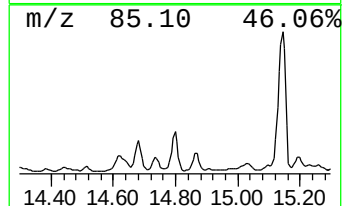
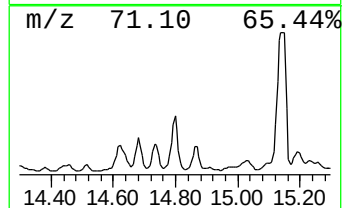
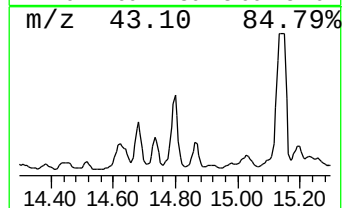
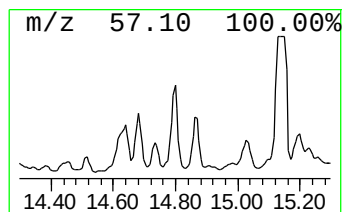
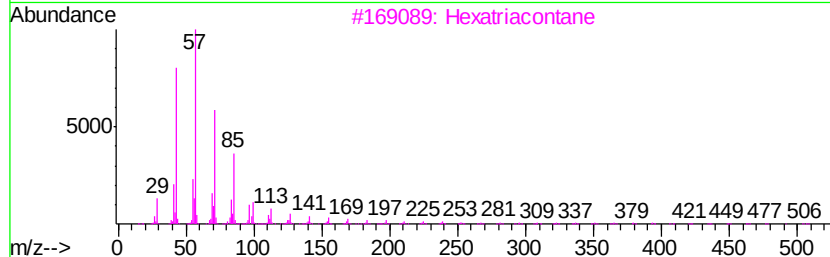
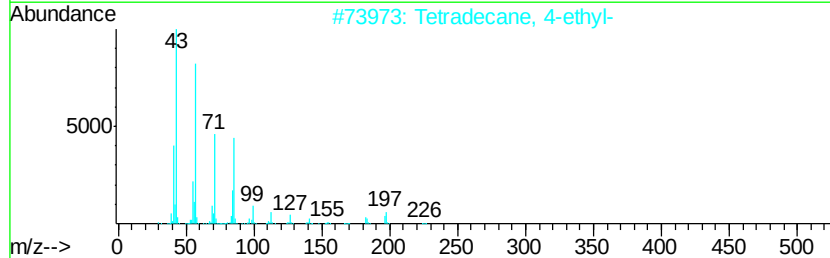
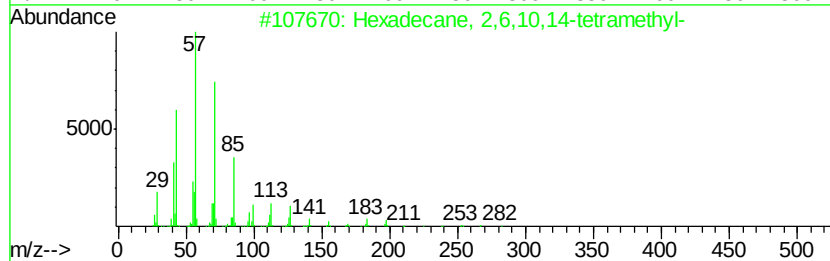
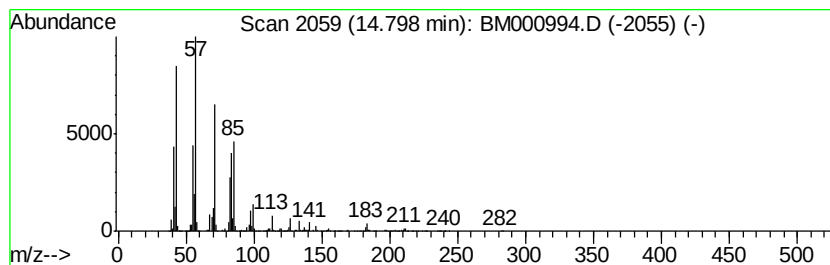
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	28.95 ng/ul	45386500	Acenaphthene-d10	14.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	70
2		Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	60
3		Hexatriacontane	507	C36H74	000630-06-8	58
4		1-Iodoundecane	282	C11H23I	004282-44-4	55
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
Data File : BM000994.D
Acq On : 14 Apr 2015 21:25
Operator : TP/IZ
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P001-SS002-0006-01RE

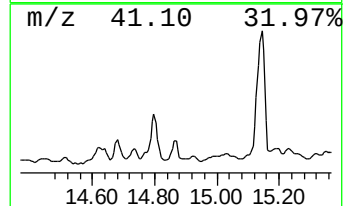
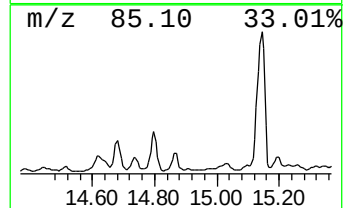
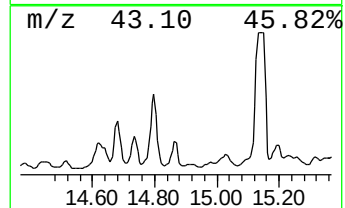
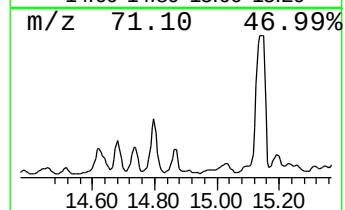
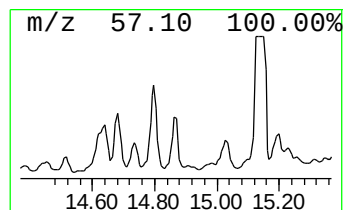
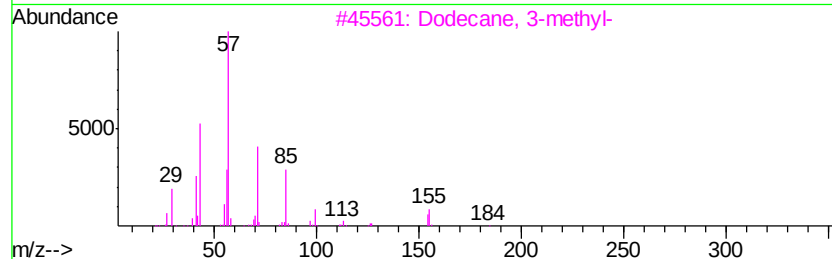
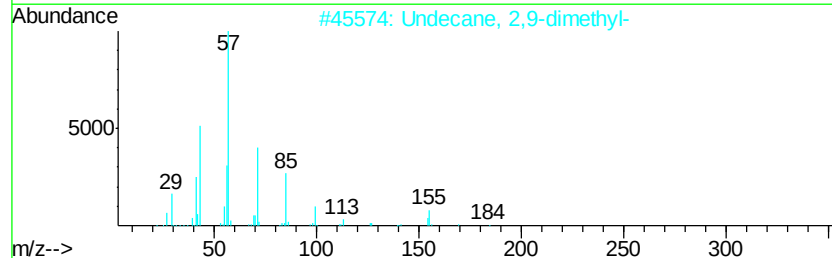
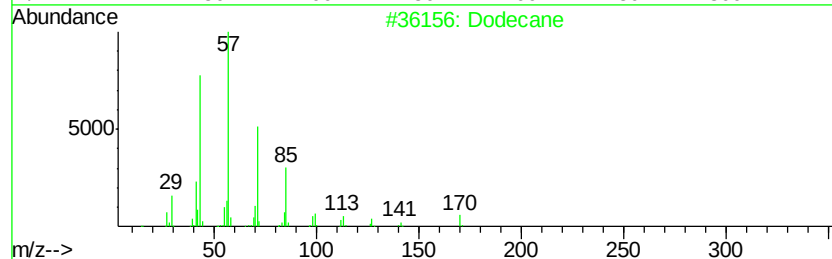
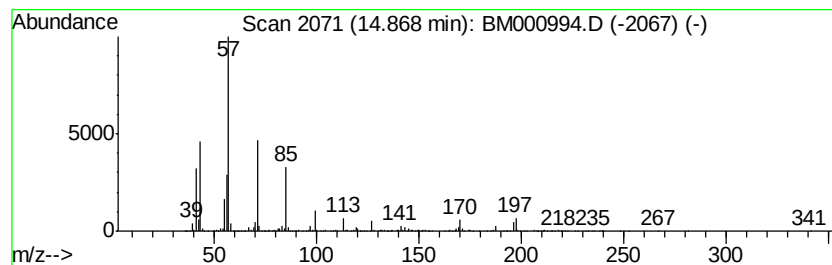
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	9.02 ng/ul	14136600	Acenaphthene-d10	14.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	80
2		Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	72
3		Dodecane, 3-methyl-	184	C13H28	017312-57-1	72
4		Undecane, 3-methyl-	170	C12H26	001002-43-3	64
5		Octadecane	254	C18H38	000593-45-3	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
Data File : BM000994.D
Acq On : 14 Apr 2015 21:25
Operator : TP/IZ
Sample : G1830-02RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P001-SS002-0006-01RE

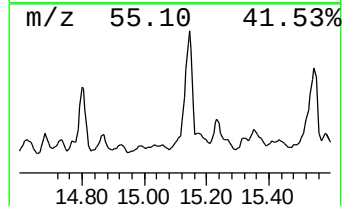
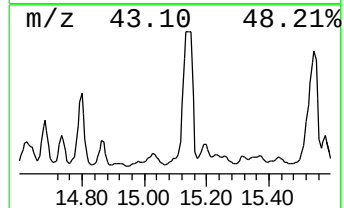
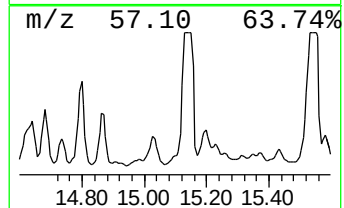
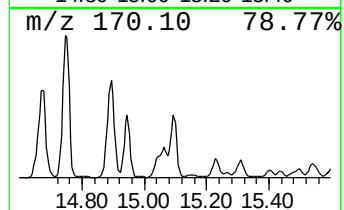
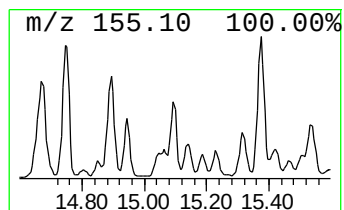
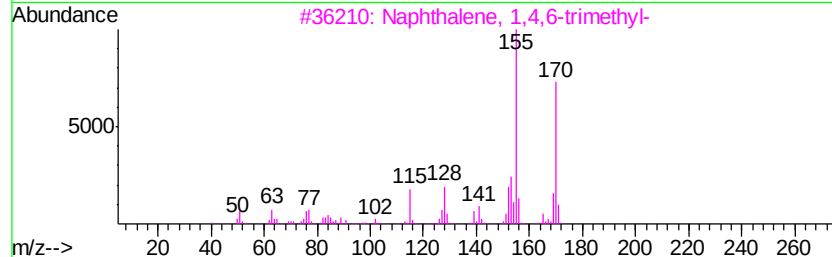
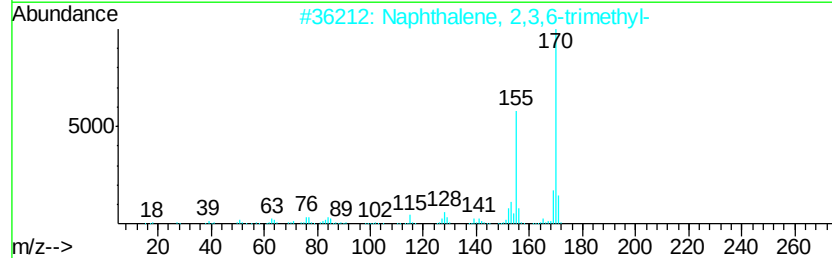
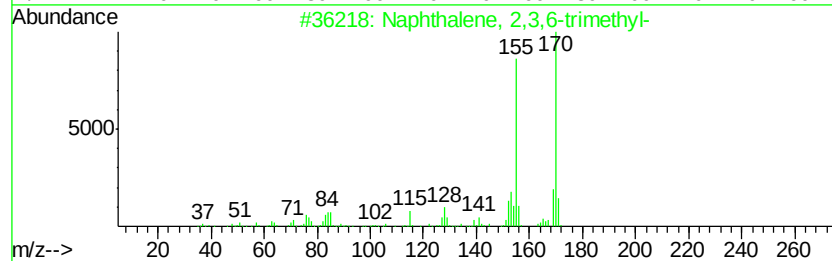
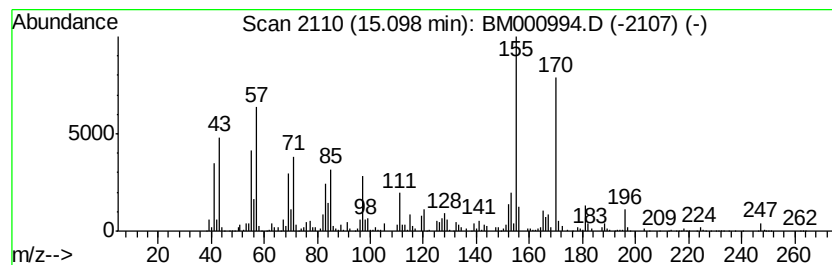
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 Naphthalene, 1,4,6-trimethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	4.63 ng/ul	7251390	Acenaphthene-d10	14.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	60
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	60
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	53
4			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	53
5			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
Data File : BM000994.D
Acq On : 14 Apr 2015 21:25
Operator : TP/IZ
Sample : G1830-02RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P001-SS002-0006-01RE

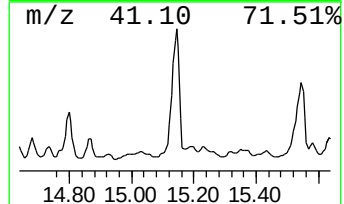
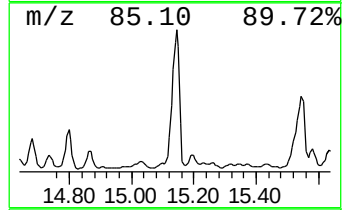
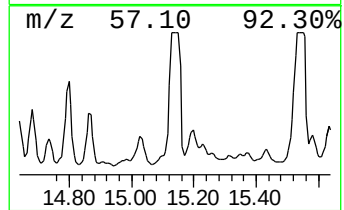
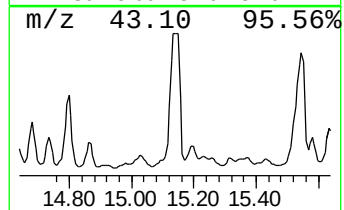
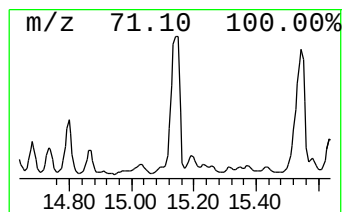
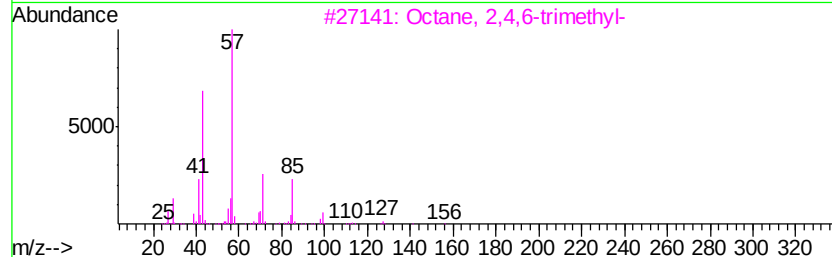
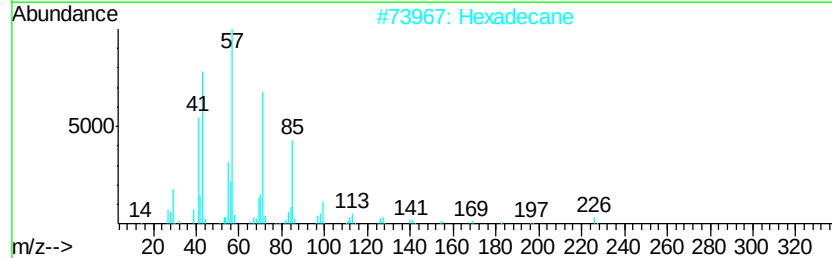
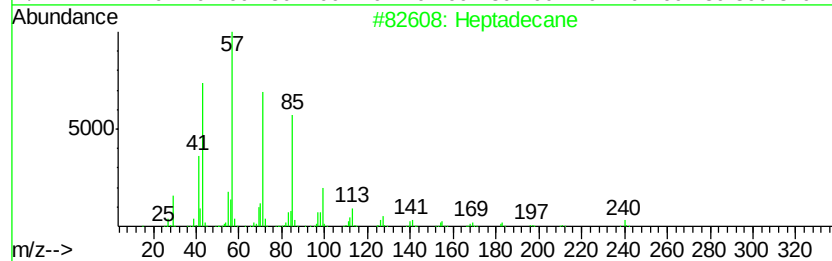
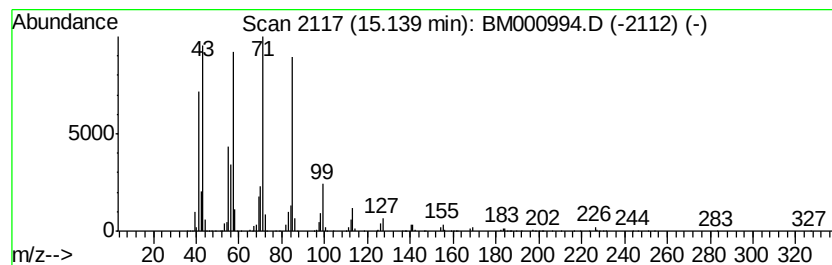
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 (DEL) Alkane: Straight-Chain Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	74.96 ng/ul	117499000	Acenaphthene-d10	14.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	64
2		Hexadecane	226	C16H34	000544-76-3	64
3		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	59
4		Pentadecane	212	C15H32	000629-62-9	59
5		Undecane, 3-methyl-	170	C12H26	001002-43-3	58



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
Data File : BM000994.D
Acq On : 14 Apr 2015 21:25
Operator : TP/IZ
Sample : G1830-02RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

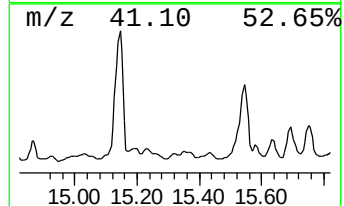
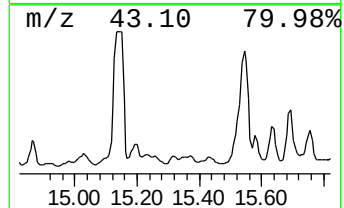
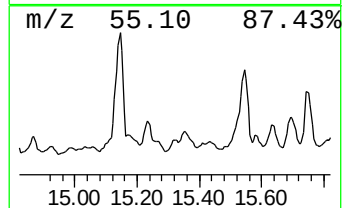
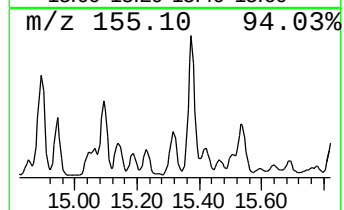
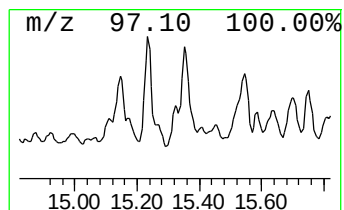
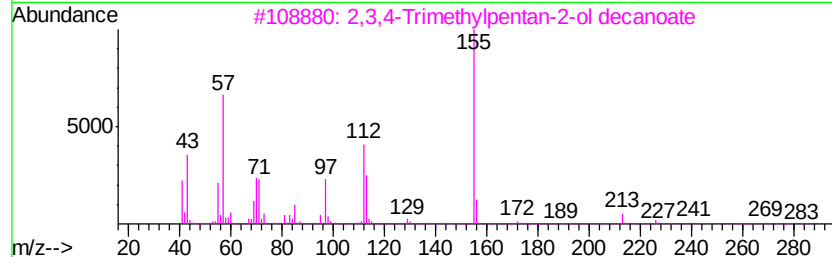
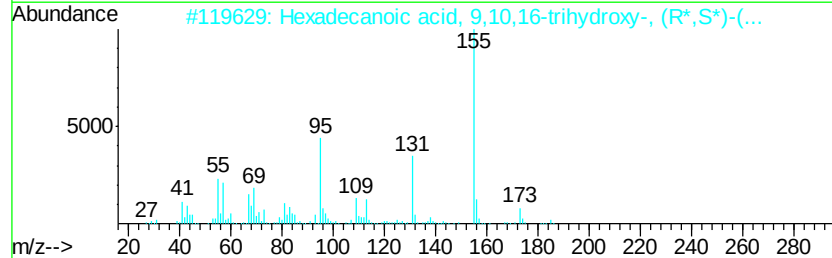
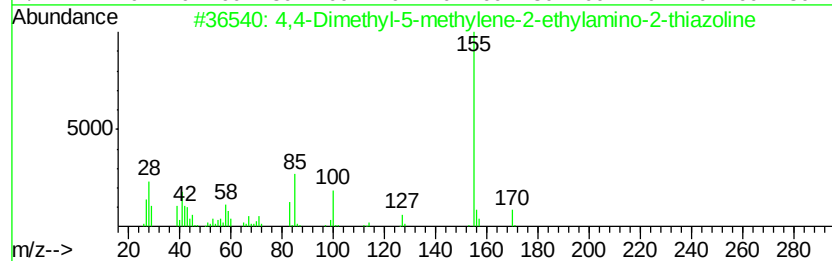
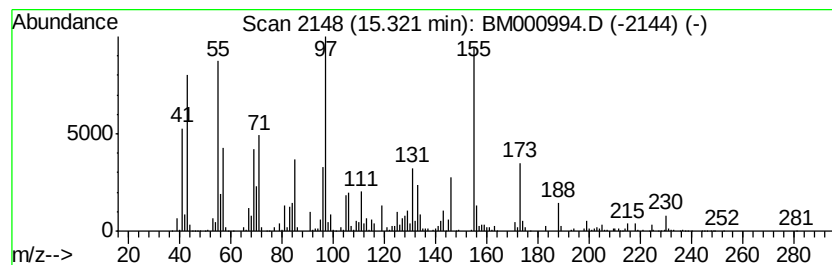
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ClientSampleId :
P001-SS002-0006-01RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM041415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 32 unknown-01 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	4.02 ng/ul	6303520	Acenaphthene-d10	14.26
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	4,4-Dimethyl-5-methylene-2-ethyl...	170 C8H14N2S	037120-26-6	38
2	Hexadecanoic acid, 9,10,16-tri...	304 C16H32O5	000533-87-9	35
3	2,3,4-Trimethylpentan-2-ol decan...	284 C18H36O2	1000130-74-2	35
4	Ethyl 2,2,3,3-tetramethylcyclopr...	170 C10H18O2	000771-10-8	32
5	2,4-Diethyl-5-methylthiazole	155 C8H13NS	052414-89-8	30



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
Data File : BM000994.D
Acq On : 14 Apr 2015 21:25
Operator : TP/IZ
Sample : G1830-02RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P001-SS002-0006-01RE

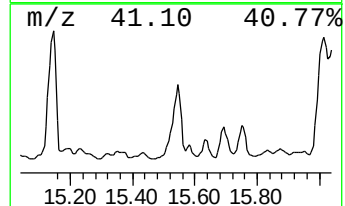
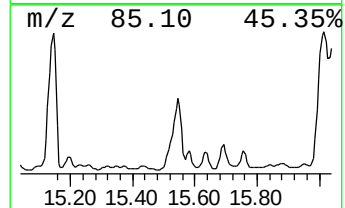
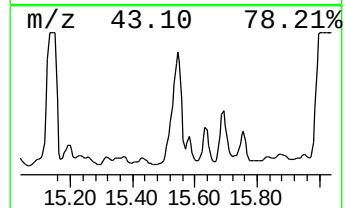
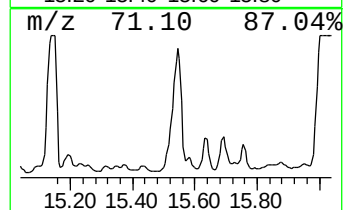
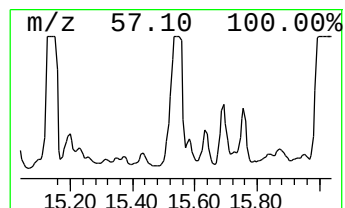
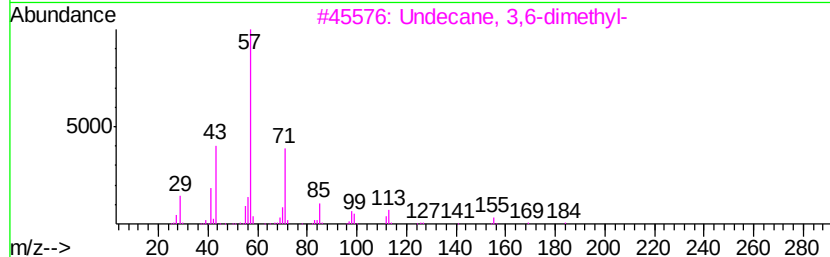
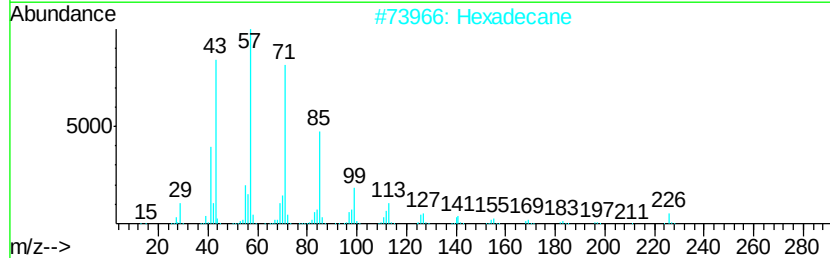
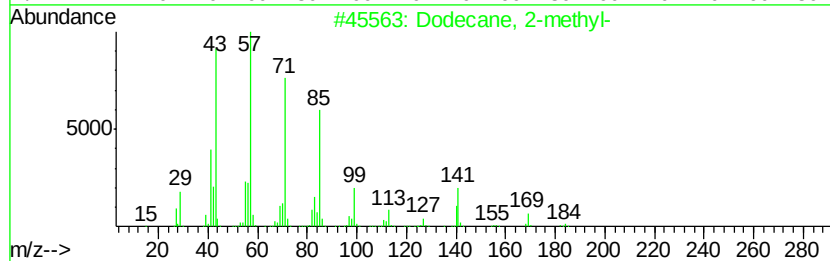
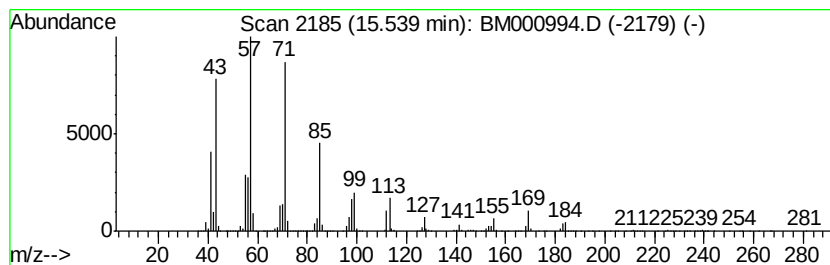
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Quant Title : SVOA CALIBRATION

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

Peak Number 33 (DEL) Alkane: Straight-Chain Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	58.25 ng/ul	91313100	Acenaphthene-d10	14.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	81
2		Hexadecane	226	C16H34	000544-76-3	72
3		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	68
4		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64
5		Tetradecane, 4-methyl-	212	C15H32	025117-24-2	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
Data File : BM000994.D
Acq On : 14 Apr 2015 21:25
Operator : TP/IZ
Sample : G1830-02RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P001-SS002-0006-01RE

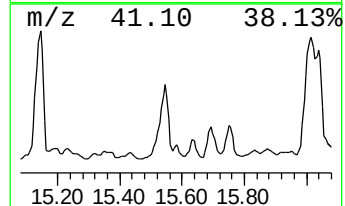
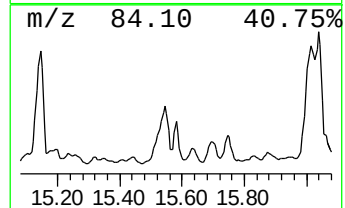
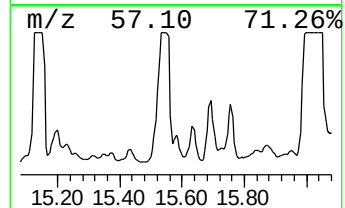
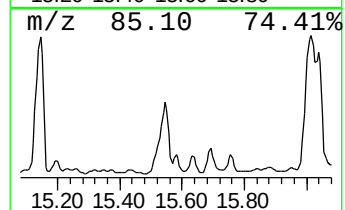
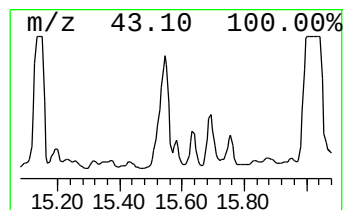
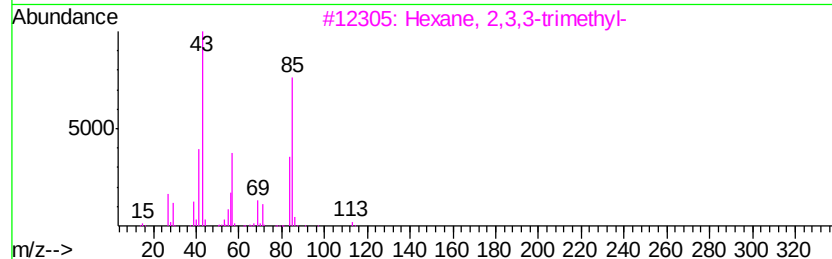
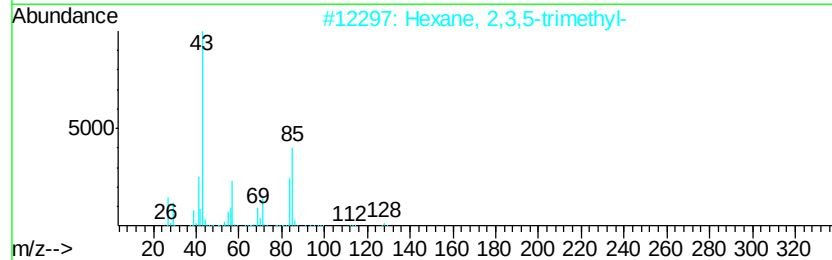
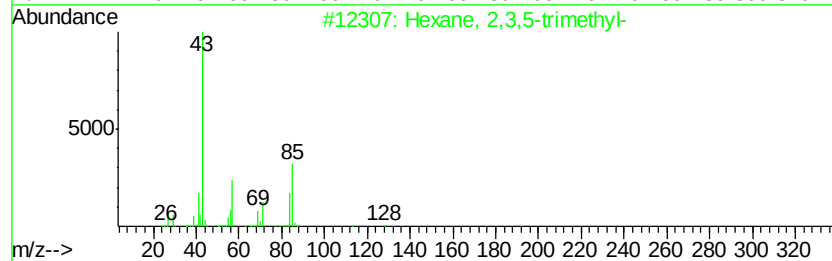
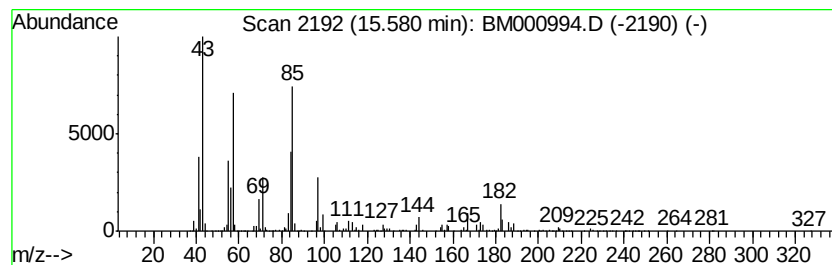
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Quant Title : SVOA CALIBRATION

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

Peak Number 34 (DEL) Alkane: Straight-Chain Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	4.82 ng/ul	7556570	Acenaphthene-d10	14.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	59
2		Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	53
3		Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	50
4		Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	49
5		Nonane, 5-methyl-	142	C10H22	015869-85-9	47



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
Data File : BM000994.D
Acq On : 14 Apr 2015 21:25
Operator : TP/IZ
Sample : G1830-02RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

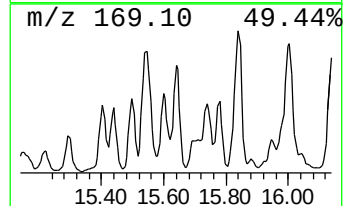
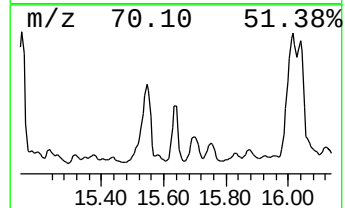
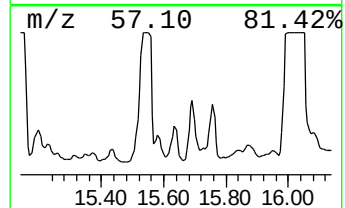
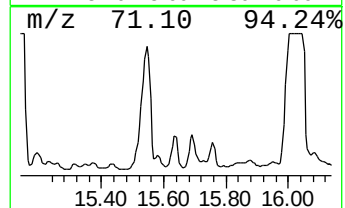
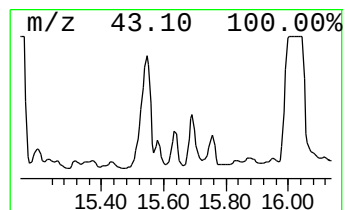
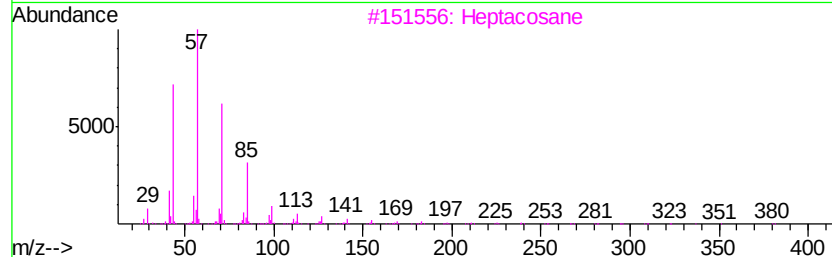
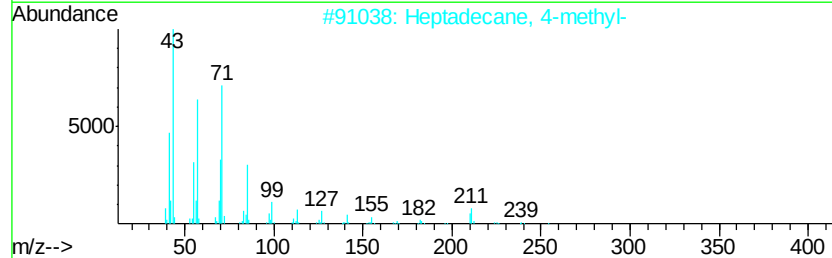
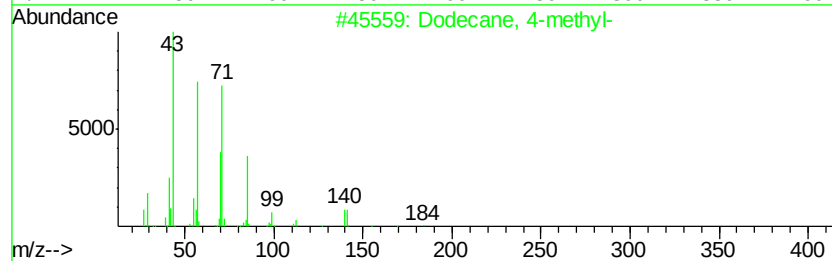
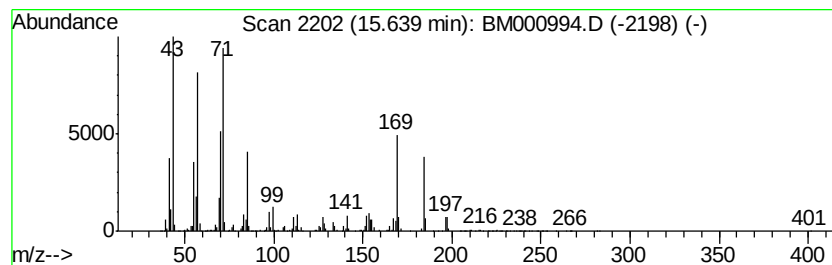
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ClientSampleId :
P001-SS002-0006-01RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM041415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 35 (DEL) Alkane: Straight-Chain Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	16.25 ng/ul	25467500	Acenaphthene-d10	14.26
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Dodecane, 4-methyl-	184 C13H28	006117-97-1 52
2		Heptadecane, 4-methyl-	254 C18H38	026429-11-8 49
3		Heptacosane	380 C27H56	000593-49-7 46
4		Decane, 4-methyl-	156 C11H24	002847-72-5 46
5		Heneicosane, 11-(1-ethylpropyl)-	366 C26H54	055282-11-6 43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
Data File : BM000994.D
Acq On : 14 Apr 2015 21:25
Operator : TP/IZ
Sample : G1830-02RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P001-SS002-0006-01RE

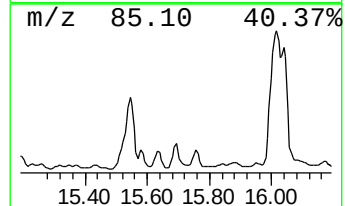
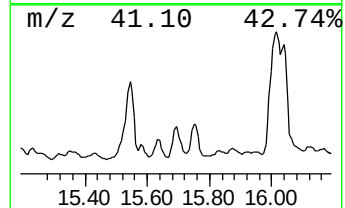
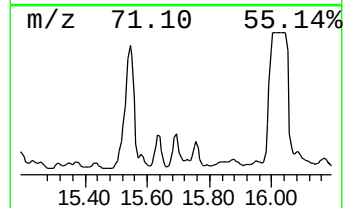
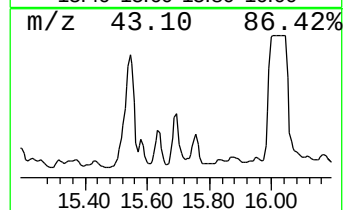
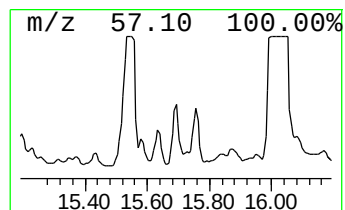
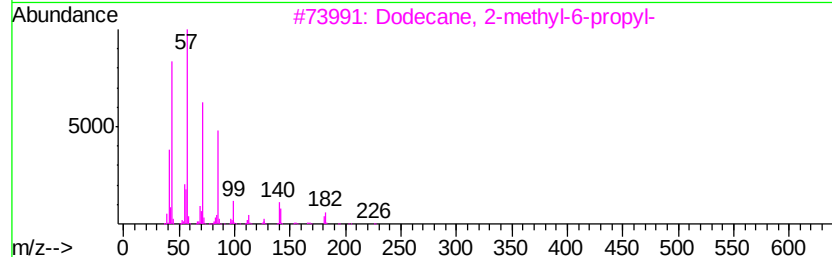
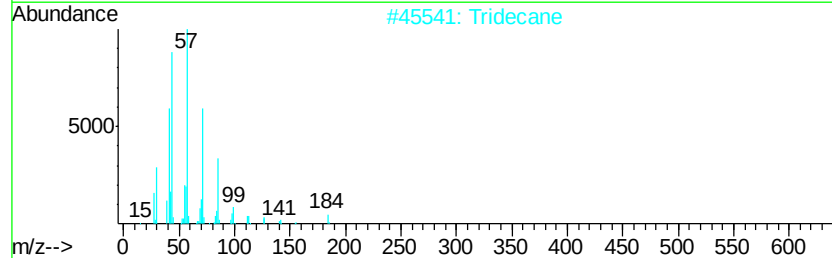
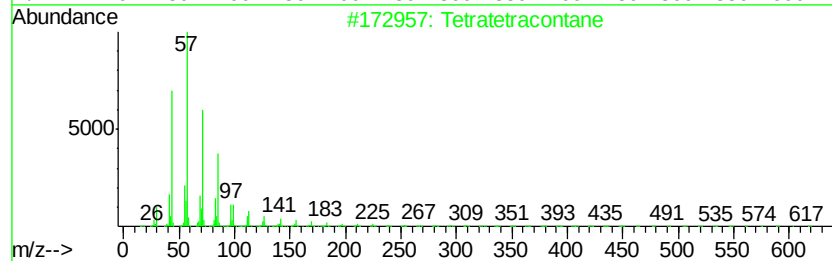
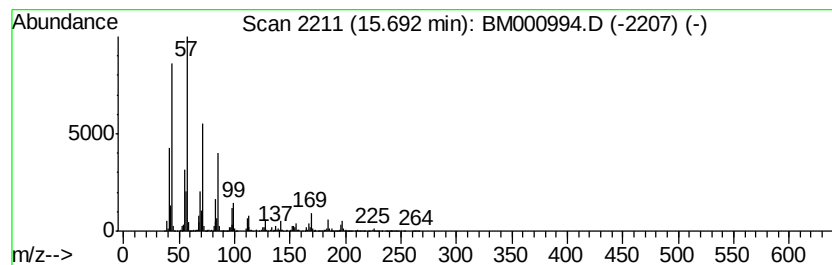
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Quant Title : SVOA CALIBRATION

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

Peak Number 36 (DEL) Alkane: Straight-Chain Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	6.90 ng/ul	37257800	Phenanthrene-d10	17.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	81
2		Tridecane	184	C13H28	000629-50-5	81
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	81
4		Tridecane	184	C13H28	000629-50-5	81
5		Eicosane, 10-methyl-	296	C21H44	054833-23-7	80



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
Data File : BM000994.D
Acq On : 14 Apr 2015 21:25
Operator : TP/IZ
Sample : G1830-02RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P001-SS002-0006-01RE

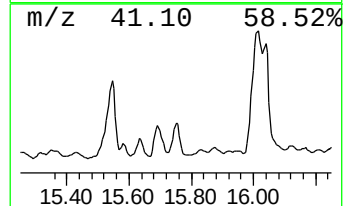
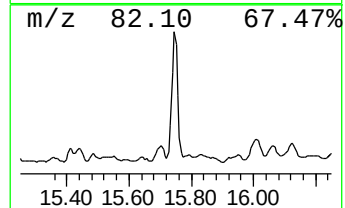
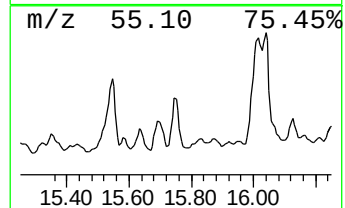
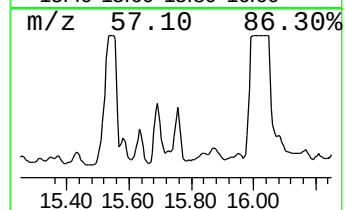
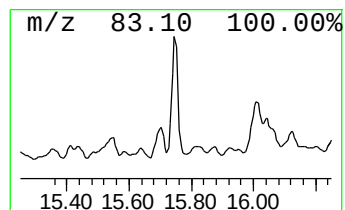
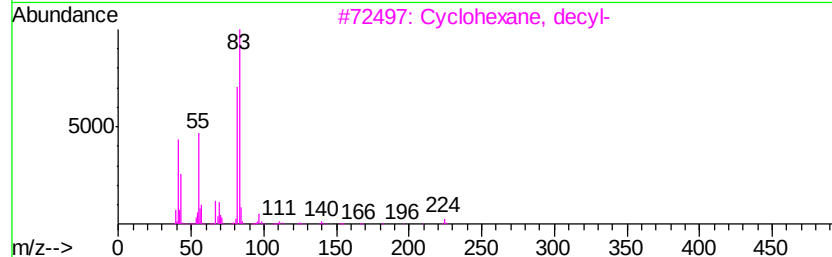
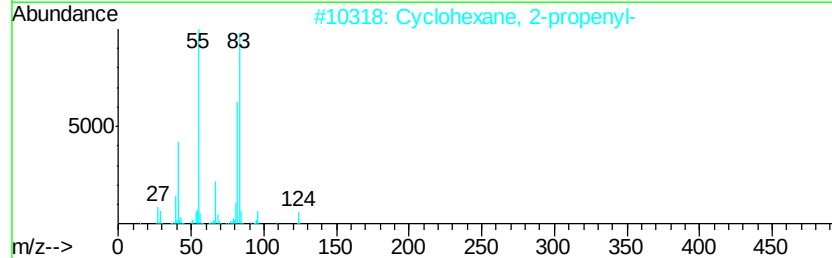
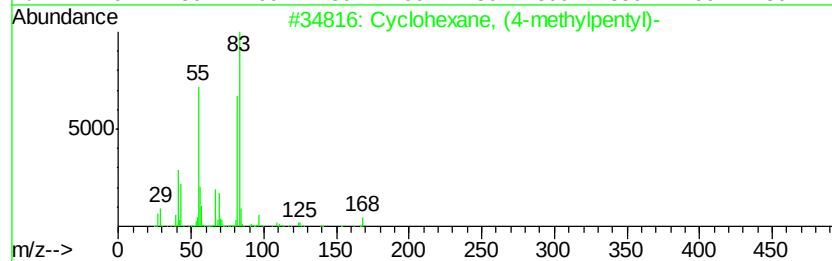
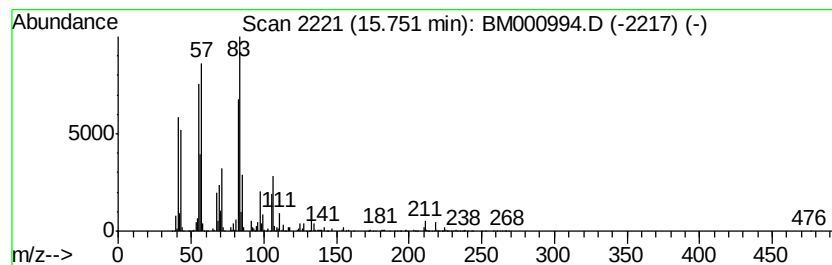
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Quant Title : SVOA CALIBRATION

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

Peak Number 37 unknown-02 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	6.80 ng/ul	36758400	Phenanthrene-d10	17.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	47
2			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	46
3			Cyclohexane, decyl-	224	C16H32	001795-16-0	46
4			Cyclohexane, pentyl-	154	C11H22	004292-92-6	46
5			Ethanone, 1-(1-methylcyclopentyl)-	126	C8H14O	013388-93-7	43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
Data File : BM000994.D
Acq On : 14 Apr 2015 21:25
Operator : TP/IZ
Sample : G1830-02RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P001-SS002-0006-01RE

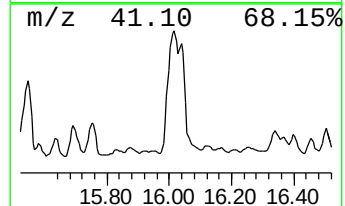
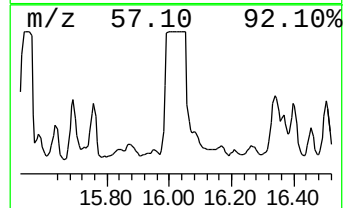
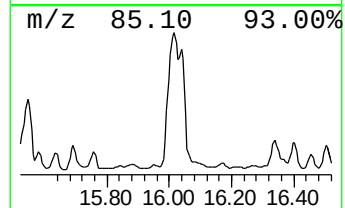
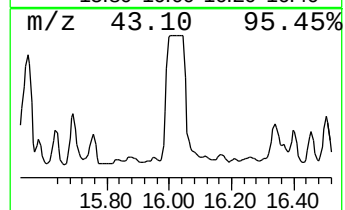
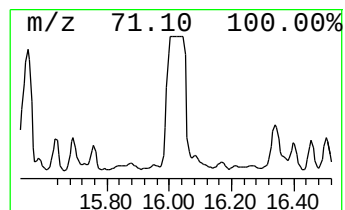
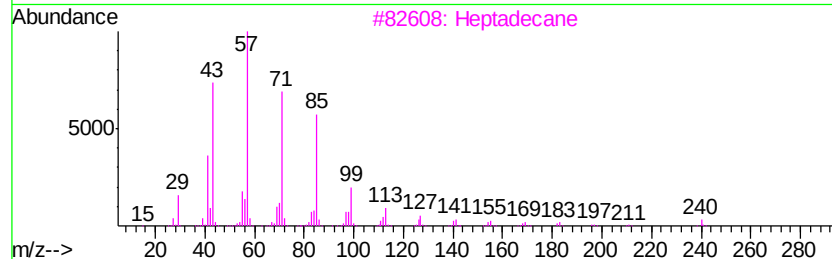
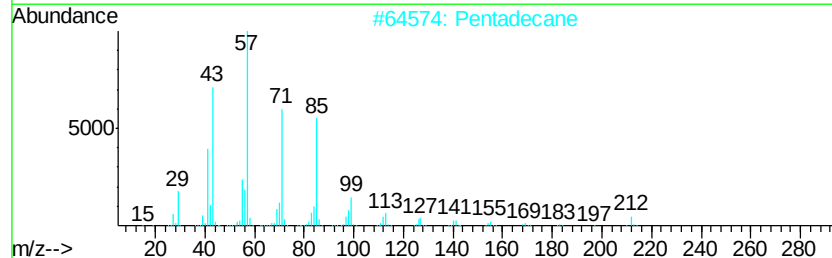
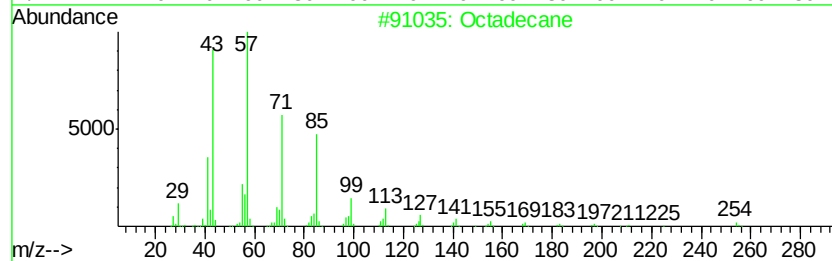
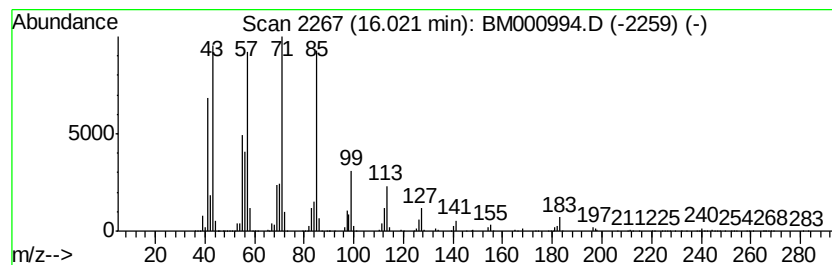
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Quant Title : SVOA CALIBRATION

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

Peak Number 38 (DEL) Alkane: Straight-Chain Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	30.97 ng/ul	167354000	Phenanthrene-d10	17.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	86
2		Pentadecane	212	C15H32	000629-62-9	86
3		Heptadecane	240	C17H36	000629-78-7	86
4		Dodecane, 3-methyl-	184	C13H28	017312-57-1	64
5		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	60



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
Data File : BM000994.D
Acq On : 14 Apr 2015 21:25
Operator : TP/IZ
Sample : G1830-02RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P001-SS002-0006-01RE

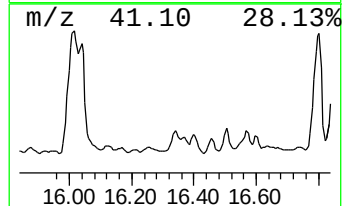
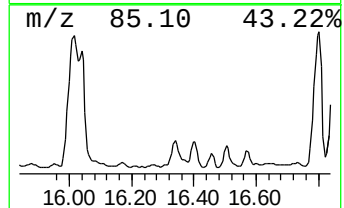
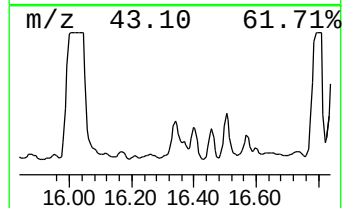
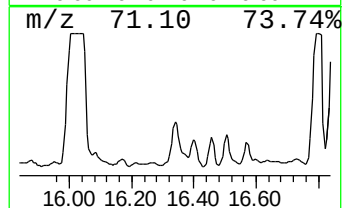
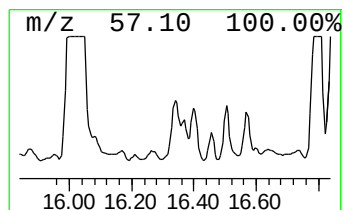
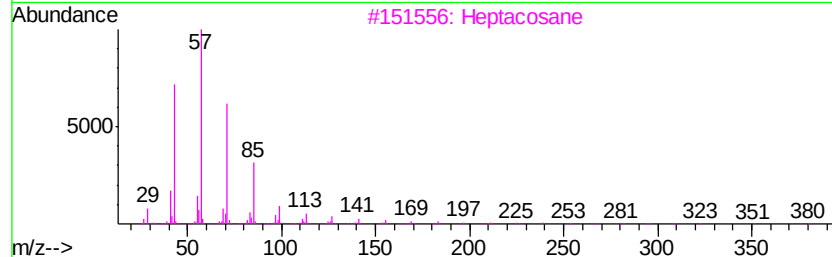
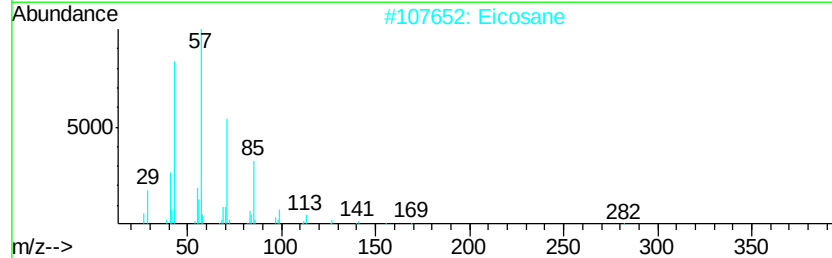
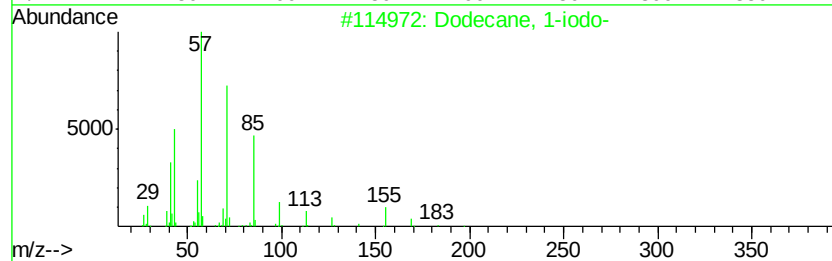
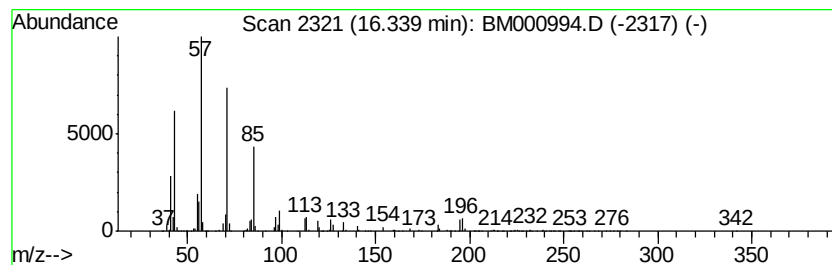
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Quant Title : SVOA CALIBRATION

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

Peak Number 39 (DEL) Alkane: Straight-Chain Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	3.78 ng/ul	20405700	Phenanthrene-d10	17.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
2		Eicosane	282	C20H42	000112-95-8	80
3		Heptacosane	380	C27H56	000593-49-7	80
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
5		Hexadecane	226	C16H34	000544-76-3	76



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
Data File : BM000994.D
Acq On : 14 Apr 2015 21:25
Operator : TP/IZ
Sample : G1830-02RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P001-SS002-0006-01RE

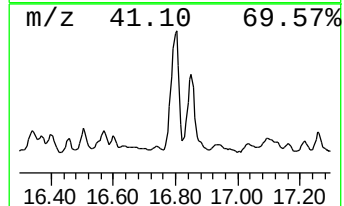
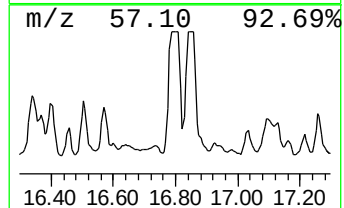
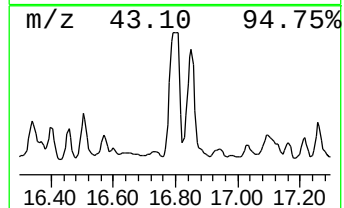
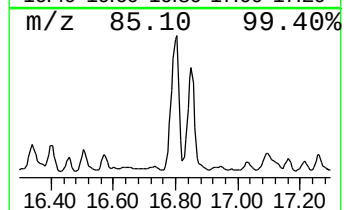
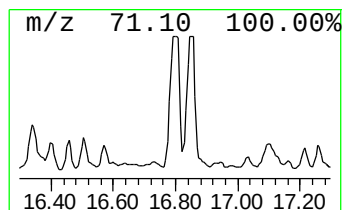
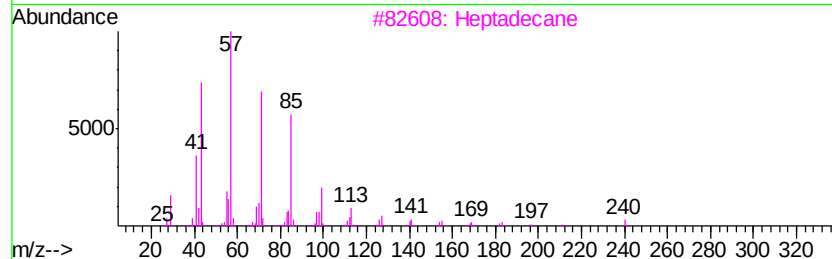
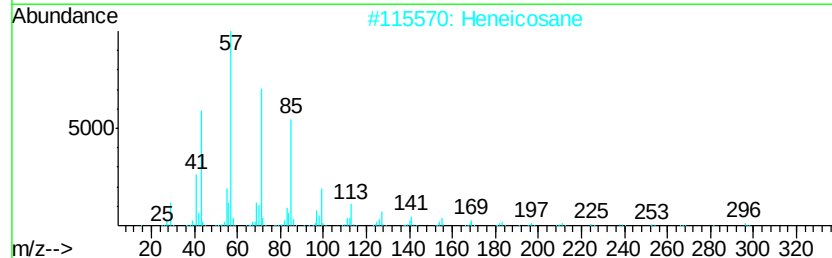
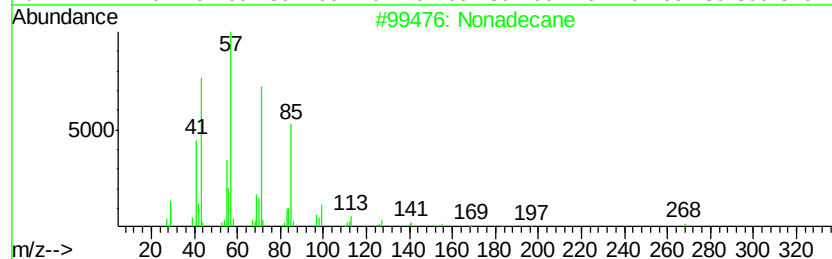
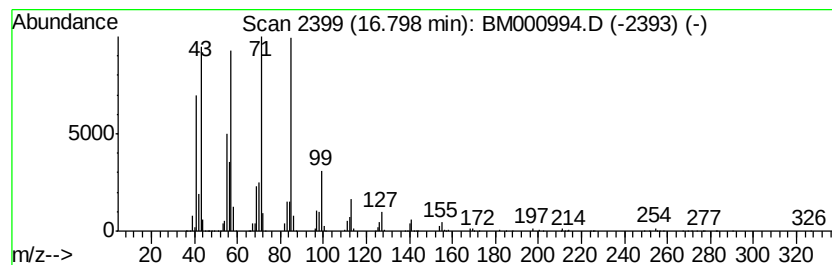
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Quant Title : SVOA CALIBRATION

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

Peak Number 40 (DEL) Alkane: Straight-Chain Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	22.44 ng/ul	121233000	Phenanthrene-d10	17.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Heptadecane	240	C17H36	000629-78-7	90
4		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	68
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	60



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
Data File : BM000994.D
Acq On : 14 Apr 2015 21:25
Operator : TP/IZ
Sample : G1830-02RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P001-SS002-0006-01RE

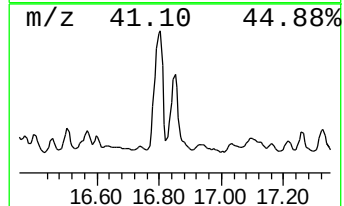
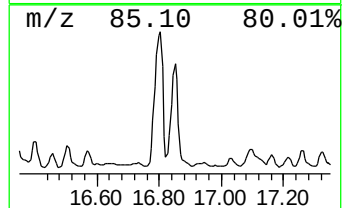
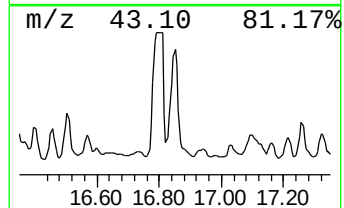
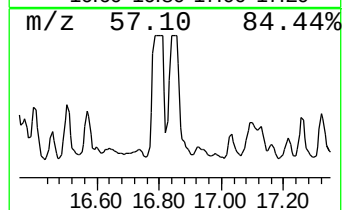
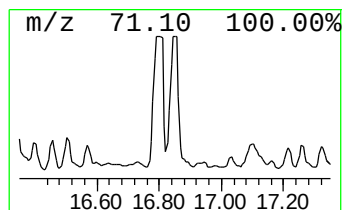
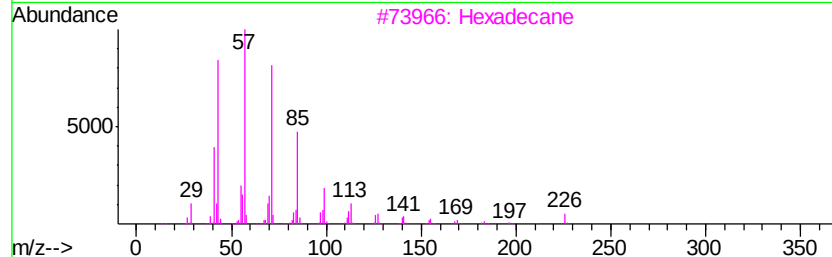
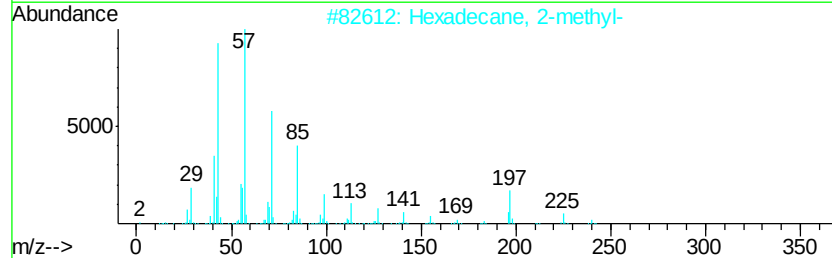
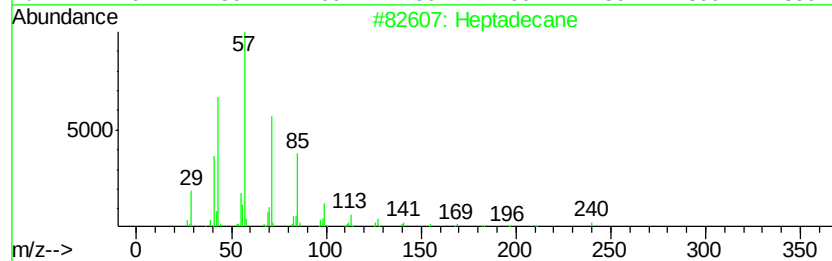
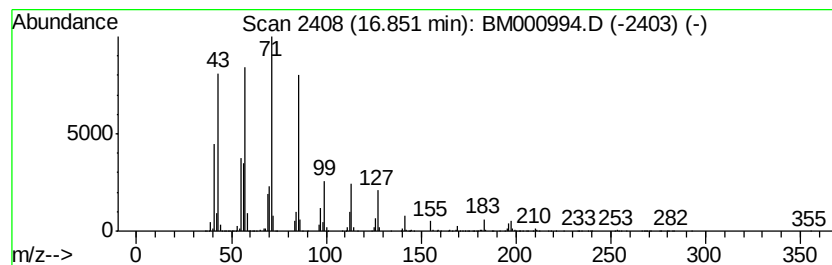
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Quant Title : SVOA CALIBRATION

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

Peak Number 41 (DEL) Alkane: Straight-Chain Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.85	20.00 ng/ul	108065000	Phenanthrene-d10	17.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	87
2		Hexadecane, 2-methyl-	240	C17H36	001560-92-5	83
3		Hexadecane	226	C16H34	000544-76-3	78
4		Heptadecane	240	C17H36	000629-78-7	72
5		Octadecane	254	C18H38	000593-45-3	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
Data File : BM000994.D
Acq On : 14 Apr 2015 21:25
Operator : TP/IZ
Sample : G1830-02RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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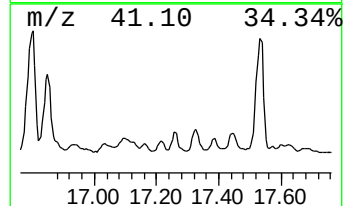
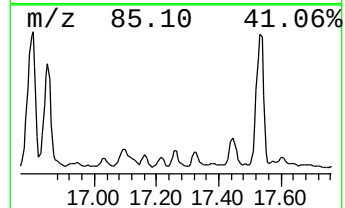
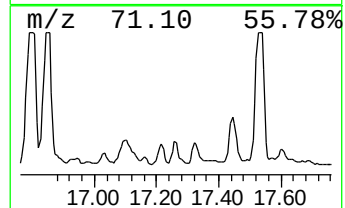
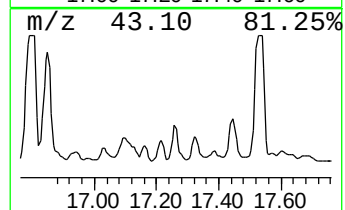
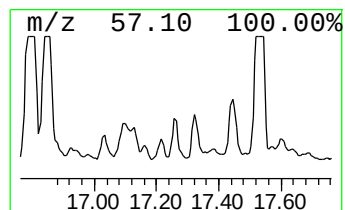
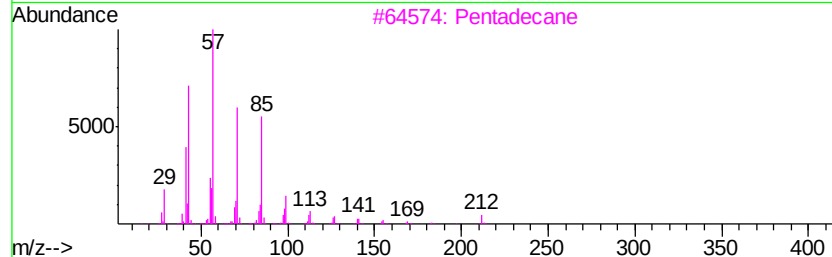
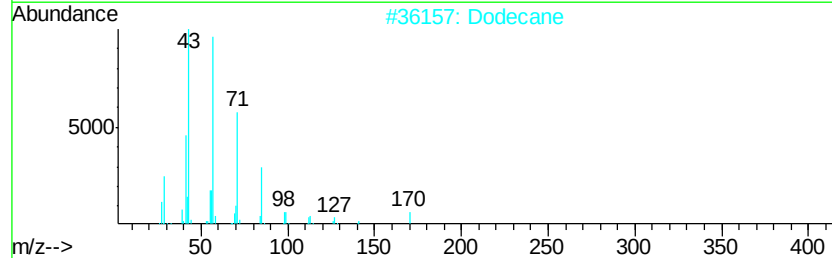
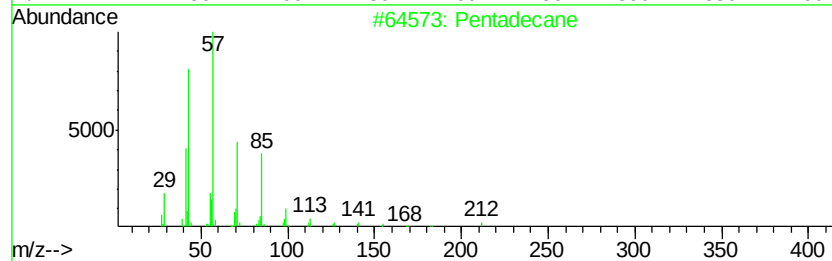
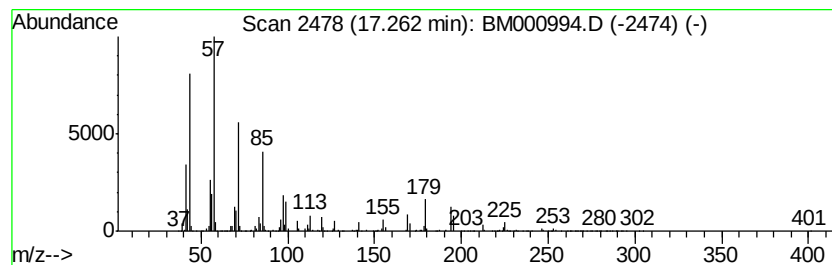
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Quant Title : SVOA CALIBRATION

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

Peak Number 42 (DEL) Alkane: Straight-Chain Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.26	3.59 ng/ul	19388000	Phenanthrene-d10	17.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	81
2			Dodecane	170	C12H26	000112-40-3	81
3			Pentadecane	212	C15H32	000629-62-9	81
4			Tetradecane, 2-methyl-	212	C15H32	001560-95-8	80
5			Eicosane, 10-methyl-	296	C21H44	054833-23-7	74



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
Data File : BM000994.D
Acq On : 14 Apr 2015 21:25
Operator : TP/IZ
Sample : G1830-02RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P001-SS002-0006-01RE

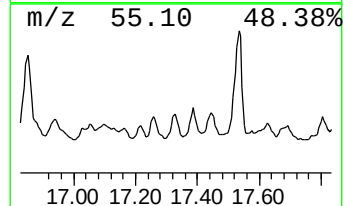
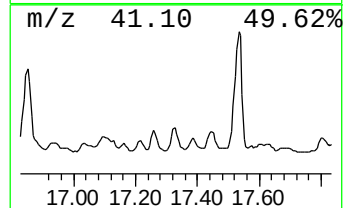
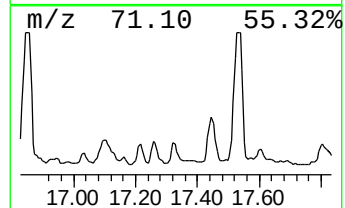
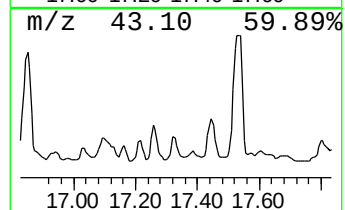
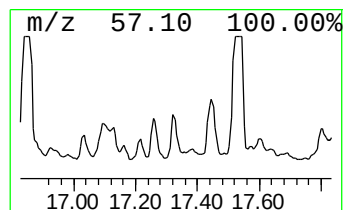
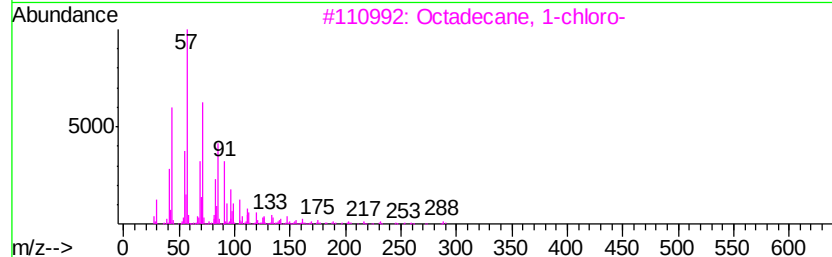
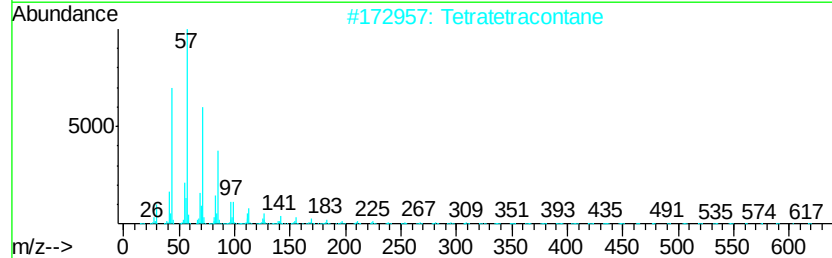
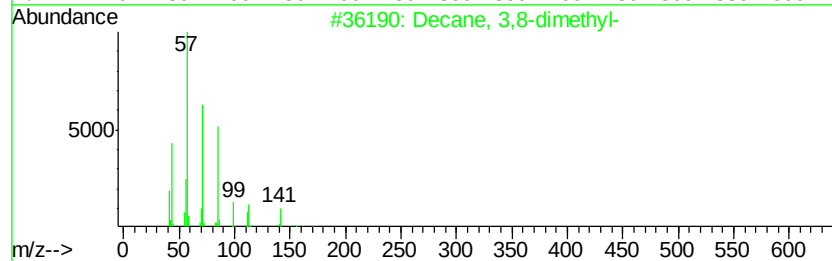
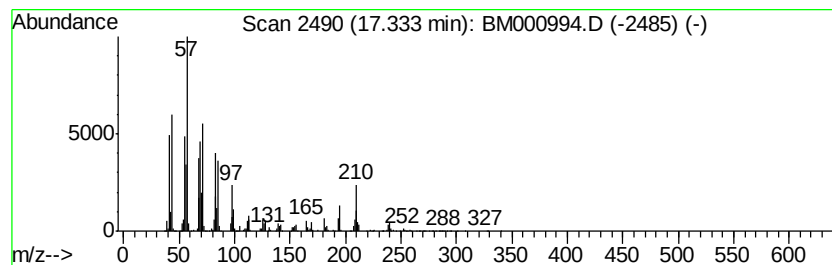
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Quant Title : SVOA CALIBRATION

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

Peak Number 43 (DEL) Alkane: Straight-Chain Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.33	3.35 ng/ul	18088300	Phenanthrene-d10	17.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	60
2		Tetratetracontane	619	C44H90	007098-22-8	58
3		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	53
4		Tetratetracontane	619	C44H90	007098-22-8	52
5		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	52



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
Data File : BM000994.D
Acq On : 14 Apr 2015 21:25
Operator : TP/IZ
Sample : G1830-02RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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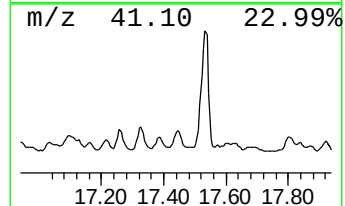
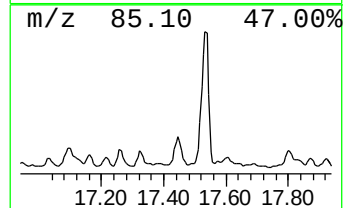
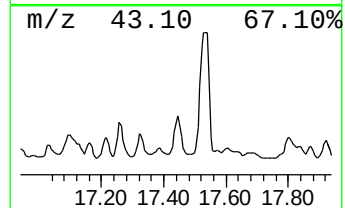
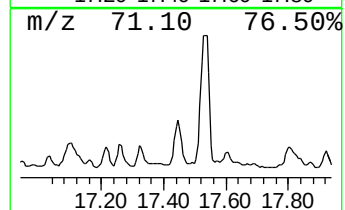
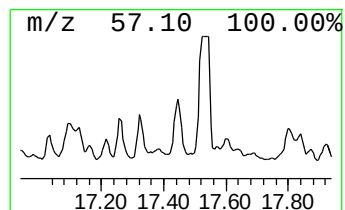
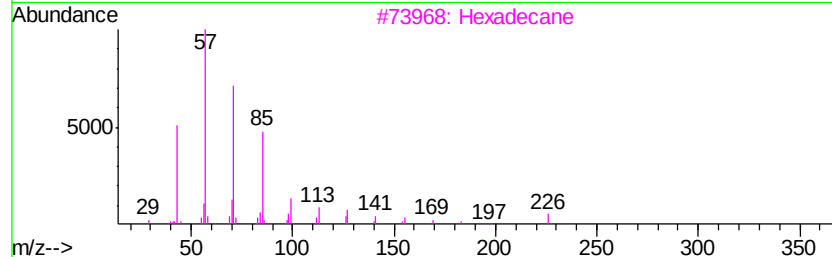
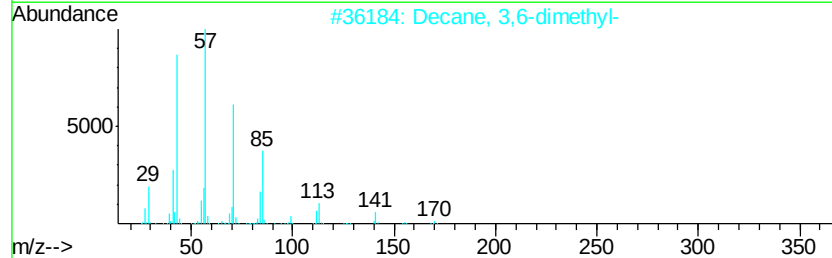
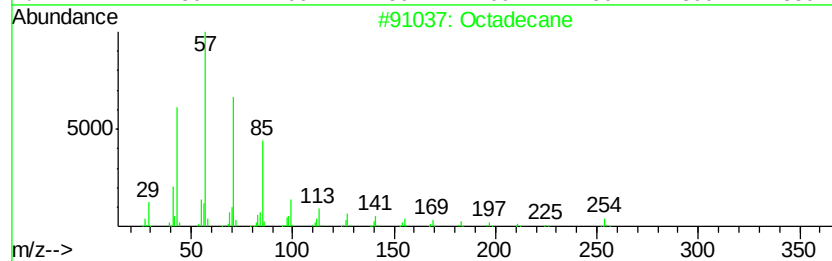
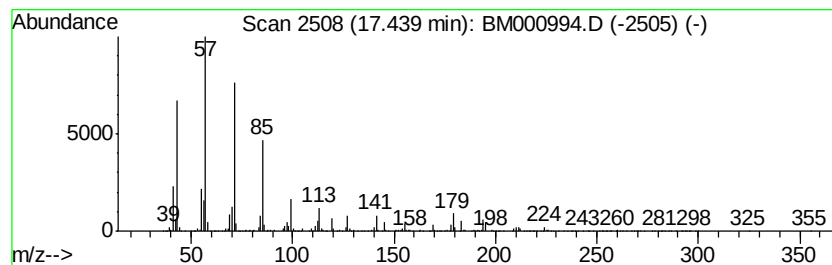
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Quant Title : SVOA CALIBRATION

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

Peak Number 44 (DEL) Alkane: Straight-Chain Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.44	5.38 ng/ul	29066700	Phenanthrene-d10	17.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	83
2		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	81
3		Hexadecane	226	C16H34	000544-76-3	80
4		Heneicosane	296	C21H44	000629-94-7	80
5		Nonacosane	408	C29H60	000630-03-5	80



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
Data File : BM000994.D
Acq On : 14 Apr 2015 21:25
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ClientSampleId :
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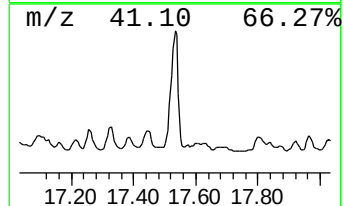
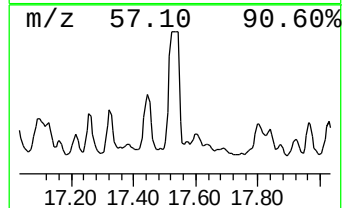
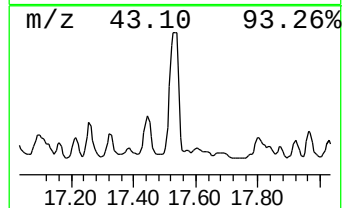
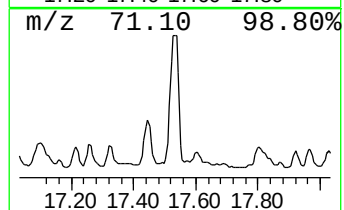
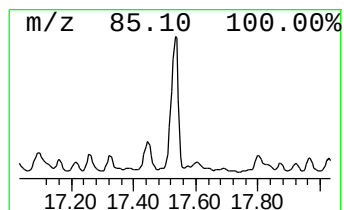
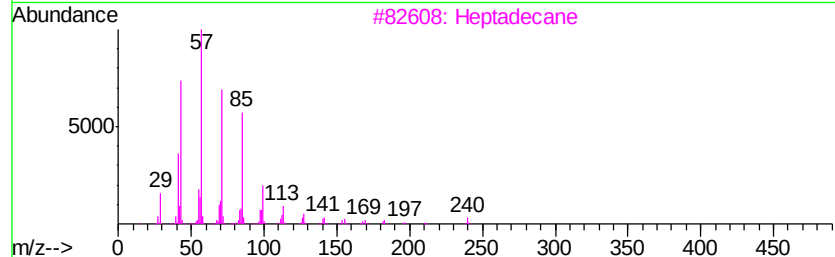
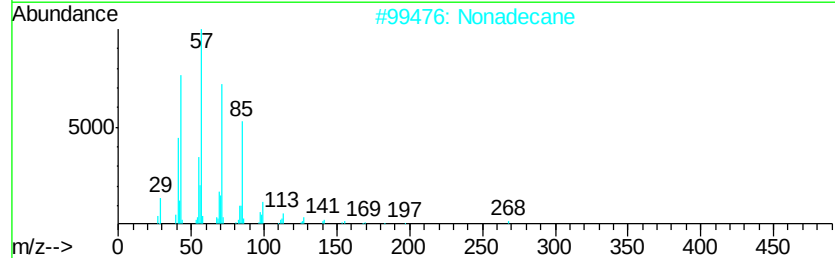
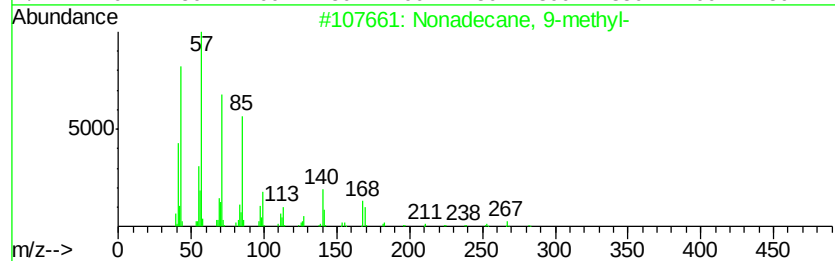
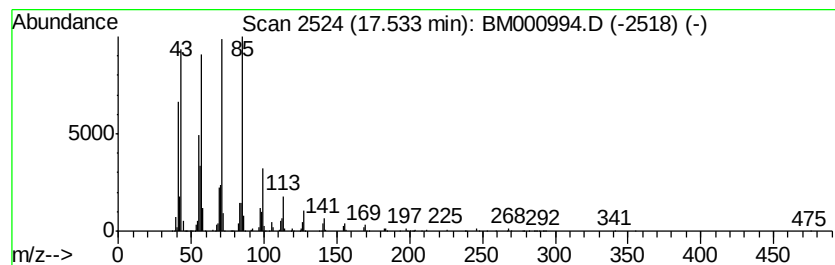
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Quant Title : SVOA CALIBRATION

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

Peak Number 45 (DEL) Alkane: Straight-Chain Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.53	21.31 ng/ul	115126000	Phenanthrene-d10	17.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	94
2		Nonadecane	268	C19H40	000629-92-5	91
3		Heptadecane	240	C17H36	000629-78-7	90
4		4,4-Dipropylheptane	184	C13H28	017312-72-0	80
5		Heneicosane	296	C21H44	000629-94-7	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
Data File : BM000994.D
Acq On : 14 Apr 2015 21:25
Operator : TP/IZ
Sample : G1830-02RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

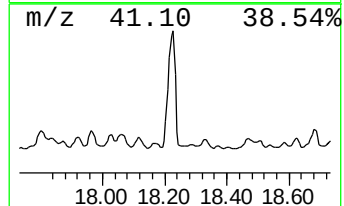
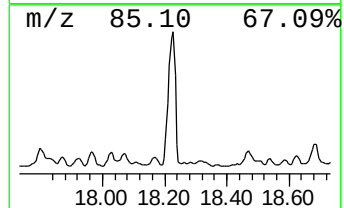
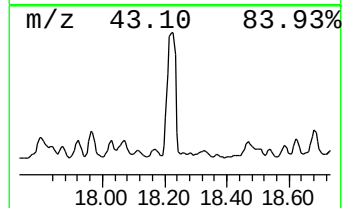
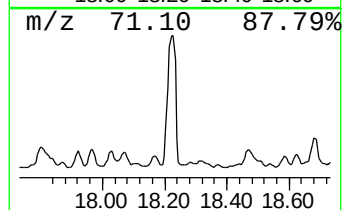
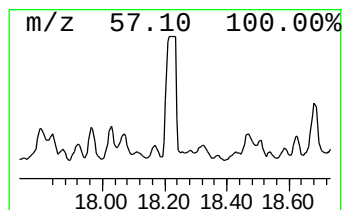
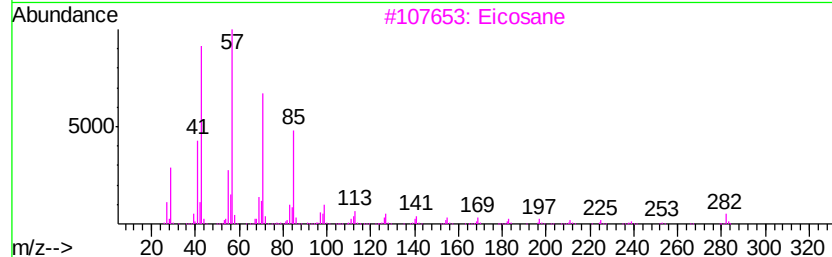
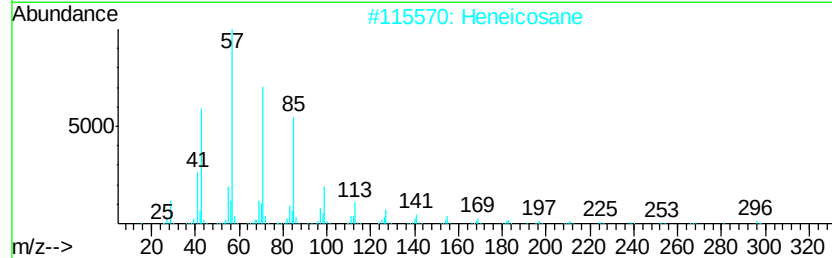
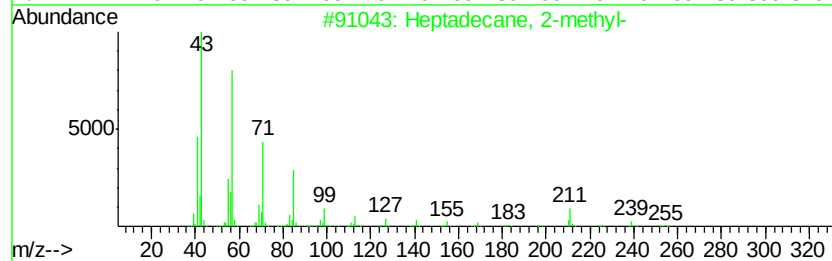
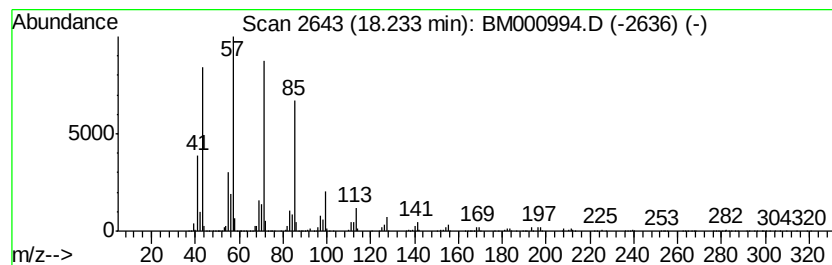
Instrument :
BNA_M
ClientSampleId :
P001-SS002-0006-01RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM041415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 46 (DEL) Alkane: Straight-Chain Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	19.03 ng/ul	102847000	Phenanthrene-d10	17.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Heptadecane, 2-methyl-	254 C18H38	001560-89-0 91
2		Heneicosane	296 C21H44	000629-94-7 87
3		Eicosane	282 C20H42	000112-95-8 87
4		Heptacosane, 1-chloro-	414 C27H55Cl	062016-79-9 86
5		Heptadecane	240 C17H36	000629-78-7 86



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
Data File : BM000994.D
Acq On : 14 Apr 2015 21:25
Operator : TP/IZ
Sample : G1830-02RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P001-SS002-0006-01RE

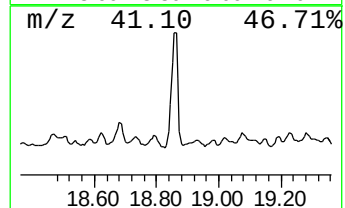
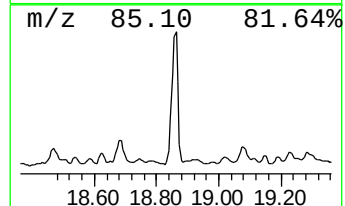
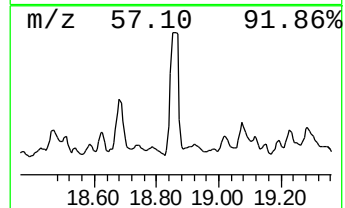
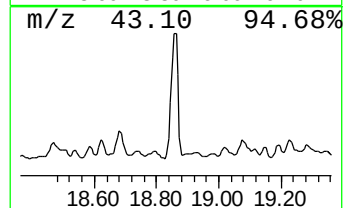
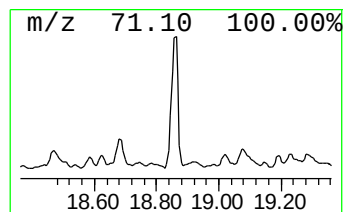
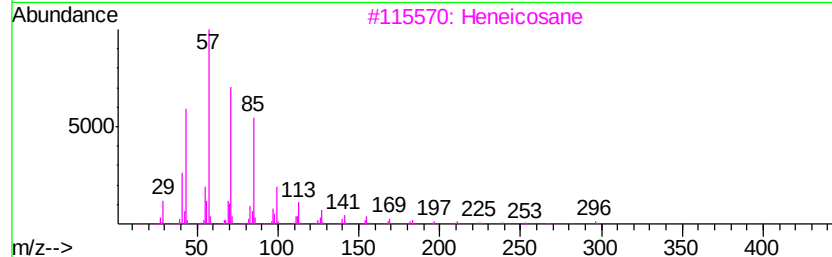
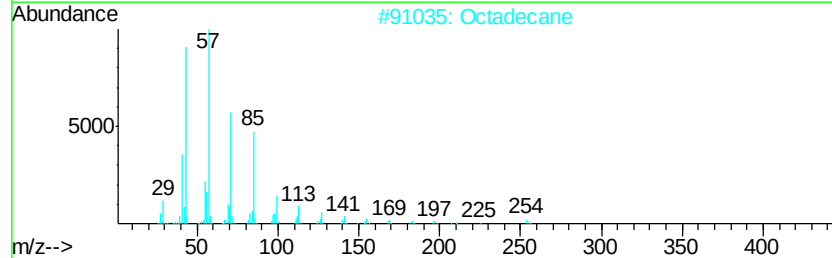
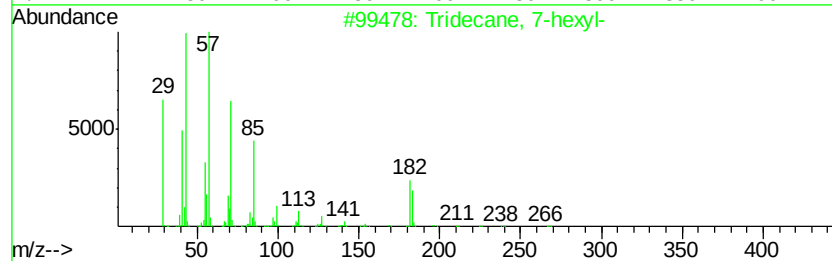
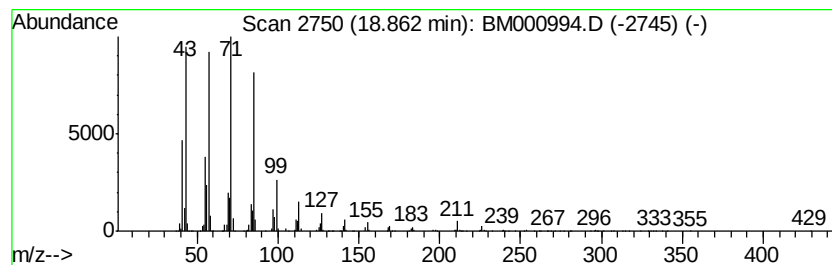
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Quant Title : SVOA CALIBRATION

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

Peak Number 47 (DEL) Alkane: Straight-Chain Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	15.80 ng/ul	85378400	Phenanthrene-d10	17.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	93
2		Octadecane	254	C18H38	000593-45-3	87
3		Heneicosane	296	C21H44	000629-94-7	87
4		Tetracosane	338	C24H50	000646-31-1	86
5		Dodecane, 3-methyl-	184	C13H28	017312-57-1	86



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
Data File : BM000994.D
Acq On : 14 Apr 2015 21:25
Operator : TP/IZ
Sample : G1830-02RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P001-SS002-0006-01RE

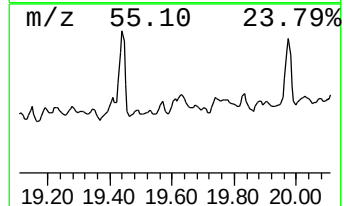
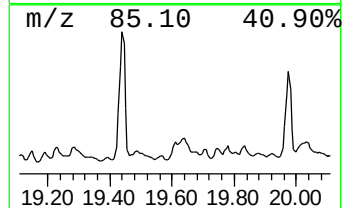
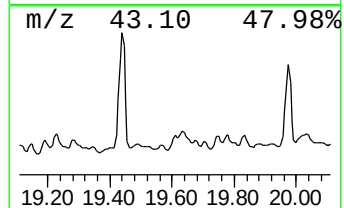
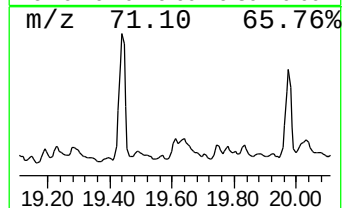
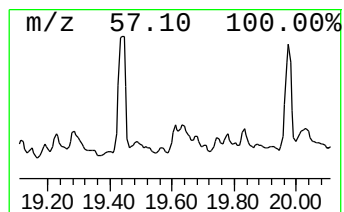
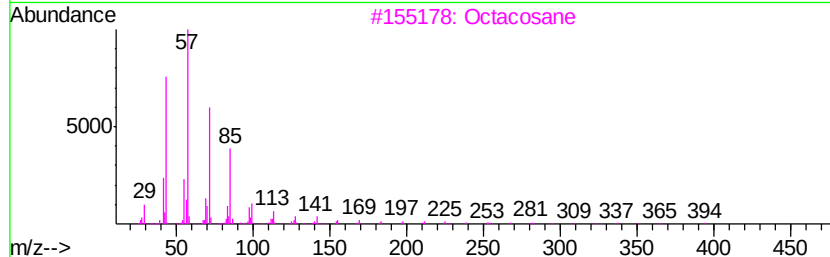
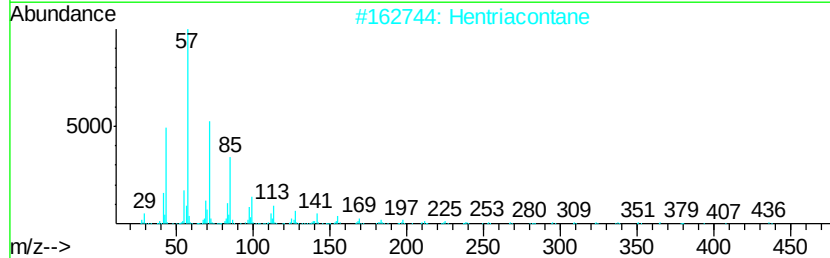
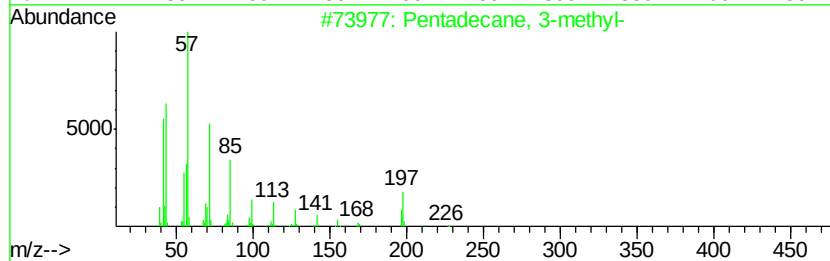
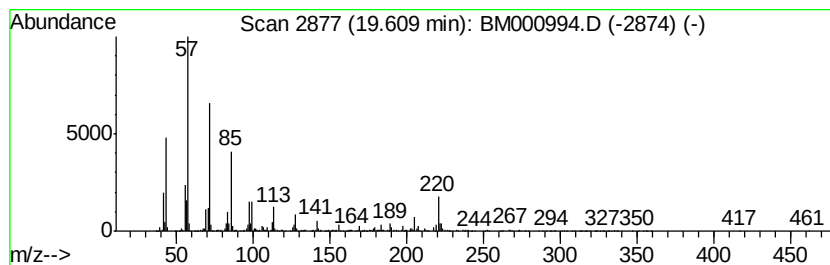
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Quant Title : SVOA CALIBRATION

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

Peak Number 48 (DEL) Alkane: Straight-Chain Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.61	11.09 ng/ul	11748000	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 3-methyl-	226	C16H34	002882-96-4	90
2		Hentriacontane	437	C31H64	000630-04-6	87
3		Octacosane	394	C28H58	000630-02-4	83
4		Tetratetracontane	619	C44H90	007098-22-8	83
5		Nonadecane, 2-methyl-	282	C20H42	001560-86-7	74



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
Data File : BM000994.D
Acq On : 14 Apr 2015 21:25
Operator : TP/IZ
Sample : G1830-02RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P001-SS002-0006-01RE

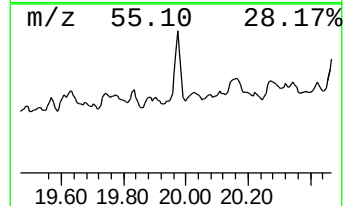
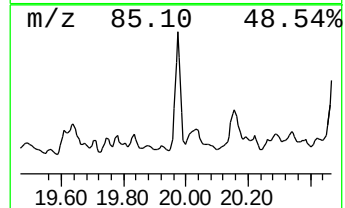
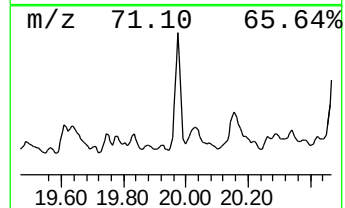
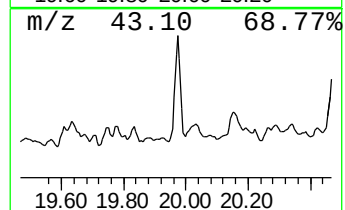
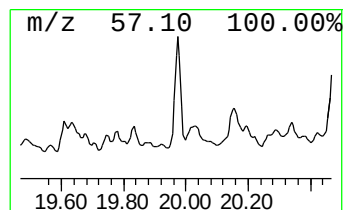
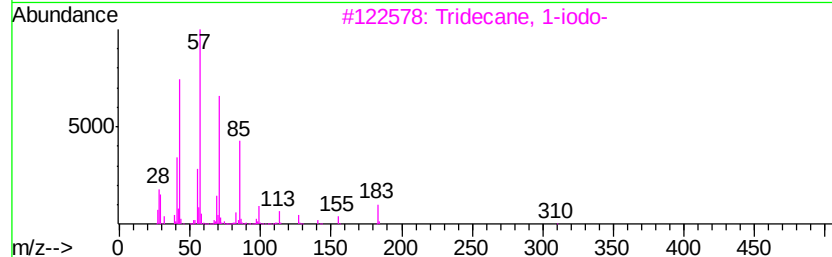
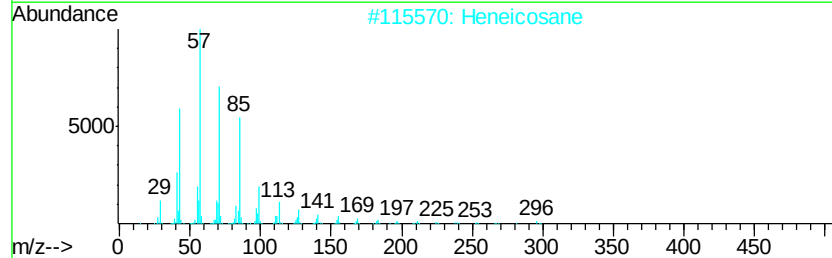
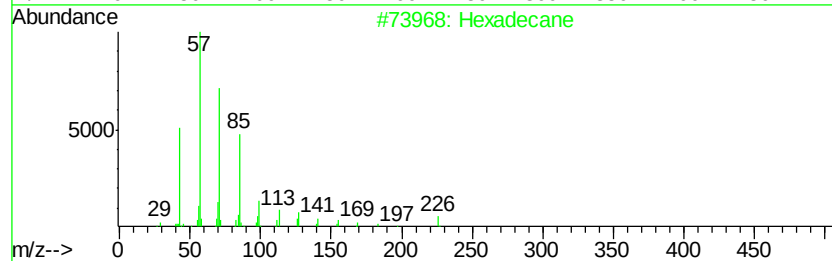
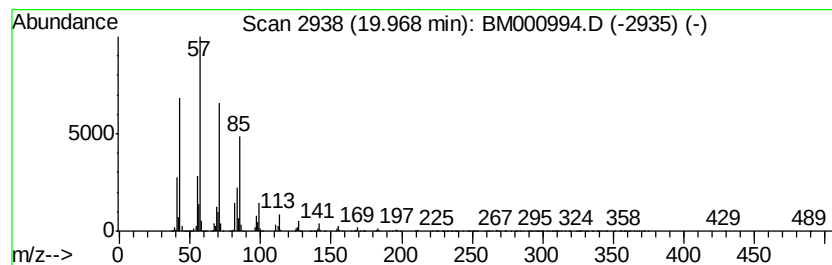
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Quant Title : SVOA CALIBRATION

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

Peak Number 49 (DEL) Alkane: Straight-Chain Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.97	36.82 ng/ul	38991000	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
4		Tetracosane	338	C24H50	000646-31-1	83
5		Octacosane	394	C28H58	000630-02-4	83



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
Data File : BM000994.D
Acq On : 14 Apr 2015 21:25
Operator : TP/IZ
Sample : G1830-02RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P001-SS002-0006-01RE

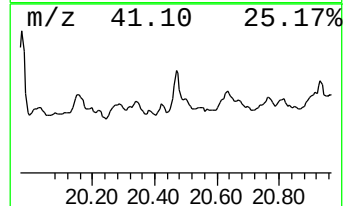
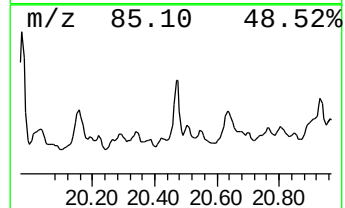
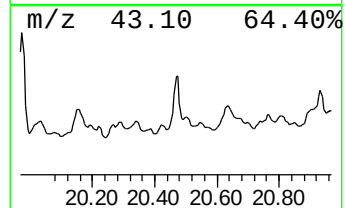
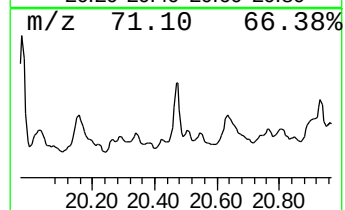
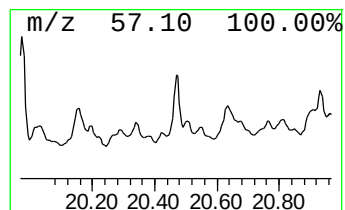
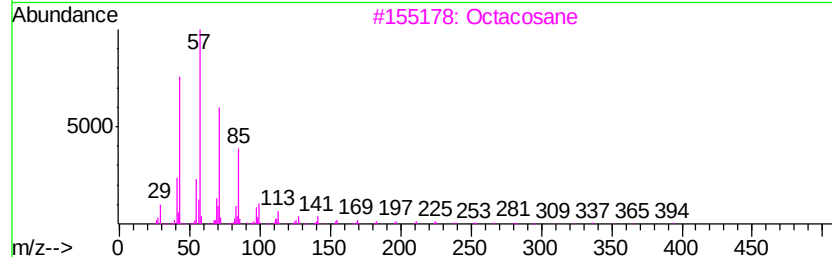
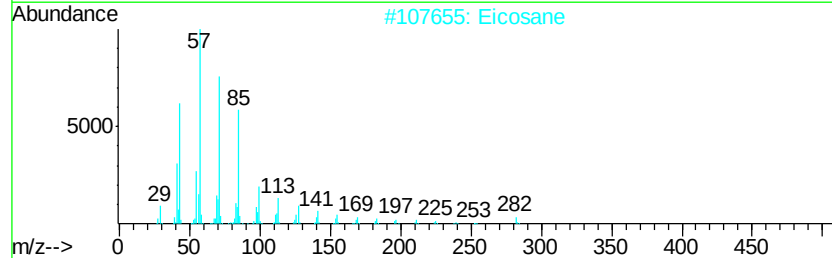
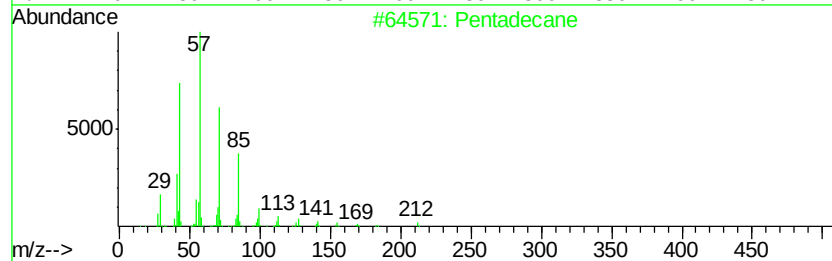
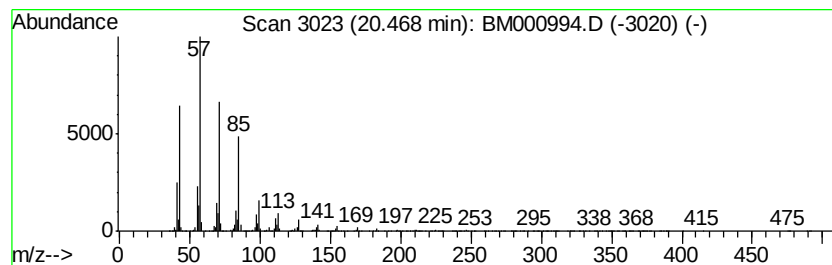
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Quant Title : SVOA CALIBRATION

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

Peak Number 50 (DEL) Alkane: Straight-Chain Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.47	20.00 ng/ul	21179400	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	91
2		Eicosane	282	C20H42	000112-95-8	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5		Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
 Data File : BM000994.D
 Acq On : 14 Apr 2015 21:25
 Operator : TP/IZ
 Sample : G1830-02RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS002-0006-01RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM041415.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...	2.82	40.8	ng/ul	6616980	1	7.60	3240360	20.0
(DEL) Alkane: Str...	7.23	9.0	ng/ul	1463050	1	7.60	3240360	20.0
Benzene, 1-methyl...	8.70	12.7	ng/ul	2052010	1	7.60	3240360	20.0
(DEL) Alkane: Str...	8.83	48.2	ng/ul	7814360	1	7.60	3240360	20.0
Benzene, 1-methyl...	8.95	12.4	ng/ul	2008740	1	7.60	3240360	20.0
(DEL) Alkane: Str...	11.30	6.0	ng/ul	6644450	2	10.39	21947700	20.0
(DEL) Alkane: Str...	11.42	15.7	ng/ul	17246600	2	10.39	21947700	20.0
Naphthalene, 1,2,...	11.57	3.4	ng/ul	3717290	2	10.39	21947700	20.0
(DEL) Alkane: Str...	11.82	30.2	ng/ul	33136800	2	10.39	21947700	20.0
Naphthalene, 1,2,...	12.32	8.1	ng/ul	8849640	2	10.39	21947700	20.0
(DEL) Alkane: Str...	12.51	4.5	ng/ul	7100730	3	14.26	31351500	20.0
(DEL) Alkane: Str...	12.57	4.5	ng/ul	7096460	3	14.26	31351500	20.0
(DEL) Alkane: Str...	12.65	9.5	ng/ul	14899900	3	14.26	31351500	20.0
(DEL) Alkane: Str...	12.74	6.3	ng/ul	9918500	3	14.26	31351500	20.0
(DEL) Alkane: Str...	12.80	14.9	ng/ul	23274400	3	14.26	31351500	20.0
Decahydro-4,4,8,9...	13.03	6.2	ng/ul	9698620	3	14.26	31351500	20.0
(DEL) Alkane: Str...	13.09	42.2	ng/ul	66200500	3	14.26	31351500	20.0
Naphthalene, 1,2,...	13.20	11.1	ng/ul	17425600	3	14.26	31351500	20.0
Benzene, 1,3,5-tr...	13.25	4.1	ng/ul	6446160	3	14.26	31351500	20.0
Naphthalene, 2,7-...	13.42	5.5	ng/ul	8577260	3	14.26	31351500	20.0
(DEL) Alkane: Str...	13.79	12.5	ng/ul	19599600	3	14.26	31351500	20.0
(DEL) Alkane: Str...	13.87	6.5	ng/ul	10232100	3	14.26	31351500	20.0
(DEL) Alkane: Str...	14.19	71.0	ng/ul	111381000	3	14.26	31351500	20.0
(DEL) Alkane: Str...	14.62	8.0	ng/ul	12580600	3	14.26	31351500	20.0
(DEL) Alkane: Str...	14.68	15.2	ng/ul	23863600	3	14.26	31351500	20.0
Naphthalene, 2,3,...	14.74	9.6	ng/ul	15071200	3	14.26	31351500	20.0
(DEL) Alkane: Str...	14.80	28.9	ng/ul	45386500	3	14.26	31351500	20.0
(DEL) Alkane: Str...	14.87	9.0	ng/ul	14136600	3	14.26	31351500	20.0
Naphthalene, 1,4,...	15.10	4.6	ng/ul	7251390	3	14.26	31351500	20.0
(DEL) Alkane: Str...	15.14	75.0	ng/ul	117499000	3	14.26	31351500	20.0
unknown-01	15.32	4.0	ng/ul	6303520	3	14.26	31351500	20.0
(DEL) Alkane: Str...	15.54	58.3	ng/ul	91313100	3	14.26	31351500	20.0
(DEL) Alkane: Str...	15.58	4.8	ng/ul	7556570	3	14.26	31351500	20.0
(DEL) Alkane: Str...	15.64	16.3	ng/ul	25467500	3	14.26	31351500	20.0
(DEL) Alkane: Str...	15.69	6.9	ng/ul	37257800	4	17.02	108065000	20.0
unknown-02	15.75	6.8	ng/ul	36758400	4	17.02	108065000	20.0
(DEL) Alkane: Str...	16.02	31.0	ng/ul	167354000	4	17.02	108065000	20.0
(DEL) Alkane: Str...	16.34	3.8	ng/ul	20405700	4	17.02	108065000	20.0
(DEL) Alkane: Str...	16.80	22.4	ng/ul	121233000	4	17.02	108065000	20.0
(DEL) Alkane: Str...	16.85	20.0	ng/ul	108065000	4	17.02	108065000	20.0
(DEL) Alkane: Str...	17.26	3.6	ng/ul	19388000	4	17.02	108065000	20.0
(DEL) Alkane: Str...	17.33	3.4	ng/ul	18088300	4	17.02	108065000	20.0
(DEL) Alkane: Str...	17.44	5.4	ng/ul	29066700	4	17.02	108065000	20.0
(DEL) Alkane: Str...	17.53	21.3	ng/ul	115126000	4	17.02	108065000	20.0
(DEL) Alkane: Str...	18.23	19.0	ng/ul	102847000	4	17.02	108065000	20.0
(DEL) Alkane: Str...	18.86	15.8	ng/ul	85378400	4	17.02	108065000	20.0
(DEL) Alkane: Str...	19.61	11.1	ng/ul	11748000	5	21.22	21179400	20.0
(DEL) Alkane: Str...	19.97	36.8	ng/ul	38991000	5	21.22	21179400	20.0
(DEL) Alkane: Str...	20.47	20.0	ng/ul	21179400	5	21.22	21179400	20.0