

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051515\
 Data File : BM001290.D
 Acq On : 14 May 2015 12:40
 Operator : TP/IZ
 Sample : G2159-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X1R80

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\SOM02.2-EPA-BM051515.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	6.628	662	670	679	rBV	651777	1004233	11.25%	0.813%
2	6.781	690	696	706	rBV	466754	691378	7.75%	0.559%
3	6.875	706	712	720	rVV	640830	934233	10.47%	0.756%
4	6.969	722	728	740	rVV	621375	1061929	11.90%	0.859%
5	7.440	801	808	816	rVB	585149	921737	10.33%	0.746%
6	7.981	891	900	906	rBV2	437738	1088529	12.20%	0.881%
7	8.163	925	931	940	rBV	859050	1347674	15.10%	1.090%
8	8.251	940	946	956	rVB	479236	738186	8.27%	0.597%
9	8.504	982	989	998	rBV	248651	403082	4.52%	0.326%
10	8.592	998	1004	1013	rVV	630362	986340	11.05%	0.798%
11	9.157	1093	1100	1107	rBV	362365	561803	6.30%	0.455%
12	9.316	1120	1127	1135	rBV	550604	890218	9.97%	0.720%
13	9.651	1178	1184	1198	rVB	985837	1441386	16.15%	1.166%
14	9.851	1212	1218	1229	rBV2	930961	2033611	22.79%	1.646%
15	10.216	1273	1280	1285	rBV2	1045557	1814689	20.33%	1.468%
16	10.269	1285	1289	1295	rVB	308195	481198	5.39%	0.389%
17	10.369	1295	1306	1316	rBV	581772	1030806	11.55%	0.834%
18	12.122	1596	1604	1616	rVB	787723	1224571	13.72%	0.991%
19	12.280	1621	1631	1639	rVB2	636427	1593978	17.86%	1.290%
20	12.451	1655	1660	1667	rBV	234559	339129	3.80%	0.274%
21	12.604	1679	1686	1698	rVB	904027	1393675	15.62%	1.128%
22	12.710	1698	1704	1714	rBV	537112	769769	8.63%	0.623%
23	12.851	1724	1728	1738	rVB3	52168	82959	0.93%	0.067%
24	12.945	1738	1744	1746	rBV	551026	819552	9.18%	0.663%
25	12.975	1746	1749	1753	rVV	1250699	1756340	19.68%	1.421%
26	13.016	1753	1756	1763	rVB	310743	474198	5.31%	0.384%
27	13.533	1838	1844	1848	rBV	1656507	2328838	26.09%	1.884%
28	13.580	1848	1852	1860	rVB	1509705	2090825	23.43%	1.692%
29	13.704	1868	1873	1881	rVB	967722	1290133	14.46%	1.044%
30	13.804	1881	1890	1894	rBV	2067998	3322647	37.23%	2.689%
31	14.033	1924	1929	1935	rVB	74409	100516	1.13%	0.081%
32	14.116	1937	1943	1950	rBV2	1316994	1935816	21.69%	1.566%
33	14.180	1950	1954	1957	rBV	71145	88804	1.00%	0.072%
34	14.245	1961	1965	1972	rVB2	142792	193327	2.17%	0.156%

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 Title : SVOA CALIBRATION

35	14.339	1975	1981	1989	rBV	980652	1448851	16.23%	1.172%
36	14.516	1998	2011	2017	rBV2	744614	1687081	18.90%	1.365%
37	14.569	2017	2020	2028	rVB4	77146	130160	1.46%	0.105%
38	14.933	2073	2082	2084	rBV2	123289	214831	2.41%	0.174%
39	14.957	2084	2086	2088	rVV	75126	87504	0.98%	0.071%
40	14.992	2088	2092	2096	rVB	448159	544829	6.10%	0.441%
41	15.116	2107	2113	2118	rBV	2741484	3832005	42.94%	3.101%
42	15.168	2118	2122	2130	rVB	2929772	3983254	44.63%	3.223%
43	15.251	2130	2136	2146	rVB2	1046342	1480353	16.59%	1.198%
44	15.492	2171	2177	2182	rVB	165180	246092	2.76%	0.199%
45	15.680	2206	2209	2216	rBV3	65622	110761	1.24%	0.090%
46	15.857	2235	2239	2246	rBV	204333	390458	4.38%	0.316%
47	16.021	2262	2267	2270	rBV2	161955	240007	2.69%	0.194%
48	16.063	2270	2274	2282	rVB	993924	1314443	14.73%	1.064%
49	16.180	2288	2294	2299	rBV	787343	1120803	12.56%	0.907%
50	16.257	2304	2307	2310	rBV	110360	125726	1.41%	0.102%
51	16.292	2310	2313	2320	rVB5	85177	130048	1.46%	0.105%
52	16.357	2320	2324	2332	rBV7	39327	79844	0.89%	0.065%
53	16.527	2347	2353	2361	rVB	1365383	1919789	21.51%	1.553%
54	16.645	2369	2373	2379	rBV	333870	462952	5.19%	0.375%
55	16.868	2405	2411	2417	rVV2	1607455	2252243	25.24%	1.822%
56	16.962	2421	2427	2431	rVV2	3162000	4683758	52.48%	3.790%
57	16.998	2431	2433	2440	rVB	1204918	1351840	15.15%	1.094%
58	17.062	2440	2444	2449	rBV3	86755	130498	1.46%	0.106%
59	17.168	2459	2462	2469	rBV	101533	154065	1.73%	0.125%
60	17.268	2470	2479	2488	rBV2	2153587	3338841	37.41%	2.702%
61	17.380	2494	2498	2502	rVB	274910	300822	3.37%	0.243%
62	17.480	2511	2515	2521	rBV3	87025	132053	1.48%	0.107%
63	17.551	2522	2527	2535	rVB6	177724	317851	3.56%	0.257%
64	17.651	2540	2544	2550	rBV3	149124	269593	3.02%	0.218%
65	17.727	2554	2557	2562	rBV2	72326	98152	1.10%	0.079%
66	17.786	2562	2567	2574	rBV	2243452	3080503	34.52%	2.493%
67	17.845	2574	2577	2581	rVB	366483	455824	5.11%	0.369%
68	18.074	2612	2616	2620	rBV	261412	336554	3.77%	0.272%
69	18.115	2620	2623	2626	rVB2	65558	73199	0.82%	0.059%
70	18.209	2636	2639	2643	rVB	102818	119322	1.34%	0.097%
71	18.286	2649	2652	2656	rBV3	87459	116460	1.30%	0.094%

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72	18.645	2708	2713	2721	rBV	1937297	2472354	27.70%	2.001%
73	18.715	2722	2725	2727	rBV	143474	156089	1.75%	0.126%
74	18.874	2749	2752	2757	rVV5	87251	140023	1.57%	0.113%
75	18.951	2762	2765	2773	rVB3	157322	302947	3.39%	0.245%
76	19.074	2783	2786	2796	rBV	549523	760607	8.52%	0.615%
77	19.221	2807	2811	2814	rBV	273221	329265	3.69%	0.266%
78	19.274	2814	2820	2829	rVB	3764185	5192932	58.19%	4.202%
79	19.809	2908	2911	2914	rBV	213055	256686	2.88%	0.208%
80	20.168	2969	2972	2977	rBV2	184171	251175	2.81%	0.203%
81	20.221	2977	2981	2986	rVV	2538399	2903023	32.53%	2.349%
82	20.274	2986	2990	2996	rVV3	214964	307761	3.45%	0.249%
83	20.339	2996	3001	3005	rVB4	75627	142733	1.60%	0.115%
84	20.798	3075	3079	3098	rVB	7885236	8924560	100.00%	7.221%
85	21.003	3111	3114	3118	rBV	277923	303868	3.40%	0.246%
86	21.062	3118	3124	3131	rBV2	2847102	5466883	61.26%	4.424%
87	21.245	3152	3155	3159	rBV	173805	201622	2.26%	0.163%
88	21.674	3222	3228	3237	rBV2	491683	752479	8.43%	0.609%
89	21.850	3254	3258	3263	rBV	2597439	2946349	33.01%	2.384%
90	22.086	3294	3298	3302	rBV	467926	559041	6.26%	0.452%
91	22.133	3303	3306	3311	rVV2	200317	312613	3.50%	0.253%
92	22.209	3314	3319	3326	rVB	1886631	2328481	26.09%	1.884%
93	22.562	3373	3379	3383	rBV	2197193	3276360	36.71%	2.651%
94	22.603	3383	3386	3396	rVB	1064284	1501351	16.82%	1.215%
95	23.056	3456	3463	3473	rBV2	2508645	4347557	48.71%	3.518%
96	23.186	3479	3485	3494	rVB	1272063	2167552	24.29%	1.754%
97	23.674	3565	3568	3576	rVB	152788	257266	2.88%	0.208%
98	23.756	3576	3582	3594	rBV	1061311	2054975	23.03%	1.663%
99	24.362	3680	3685	3690	rBV2	157586	294538	3.30%	0.238%
100	25.285	3836	3842	3851	rBV3	292155	675641	7.57%	0.547%

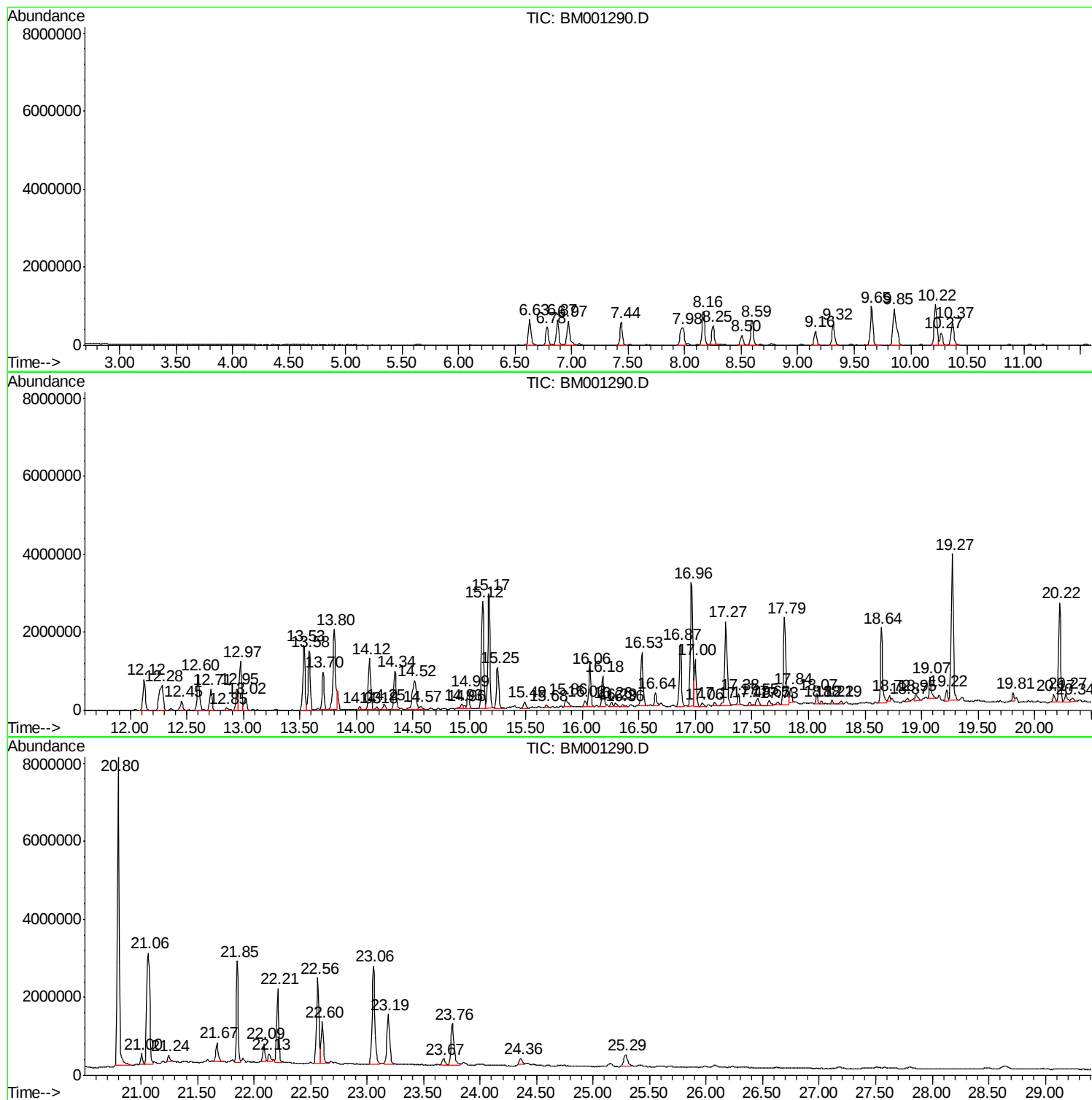
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051515.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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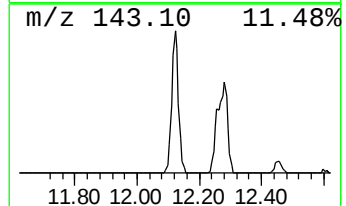
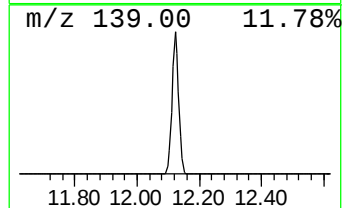
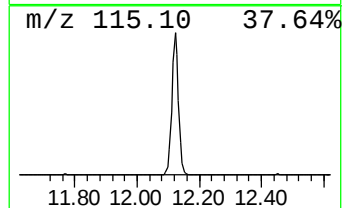
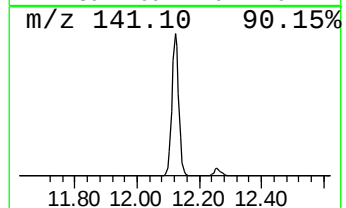
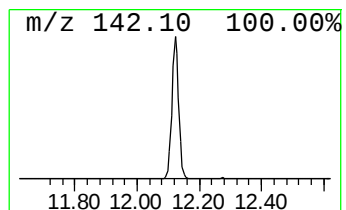
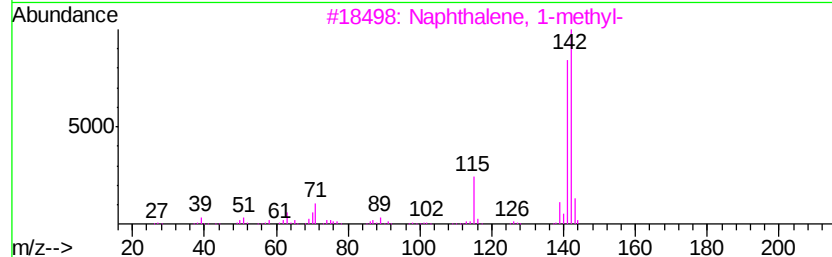
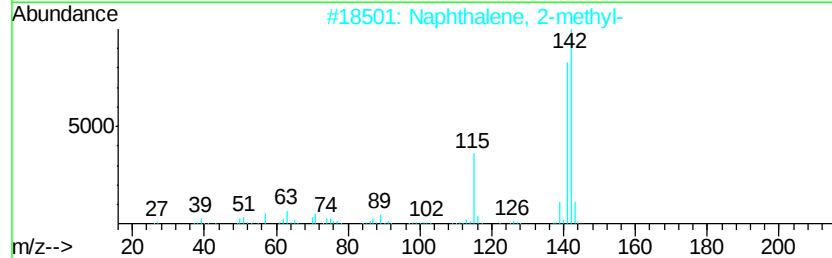
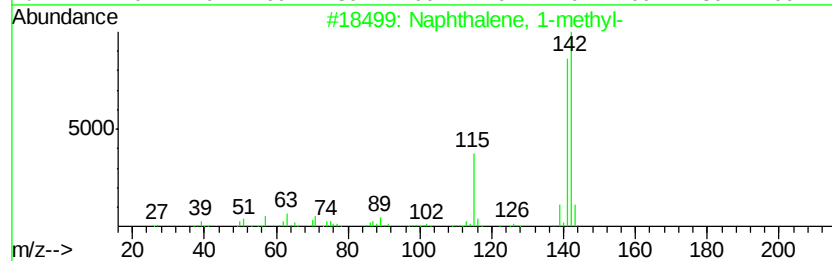
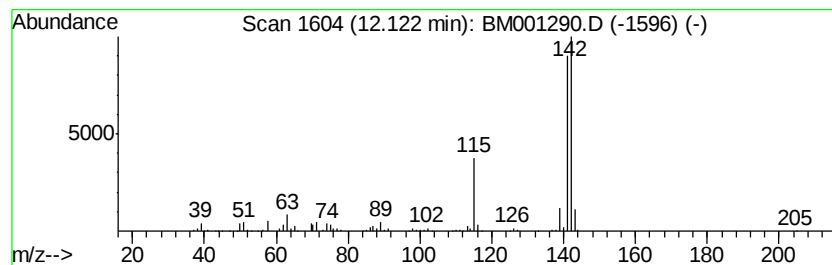
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051515.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Naphthalene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.12	13.50 ng/ul	1224570	Naphthalene-d8	10.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91



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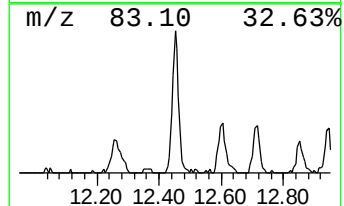
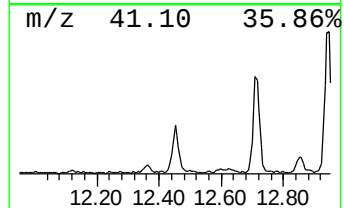
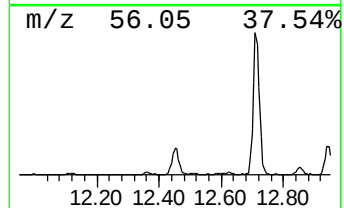
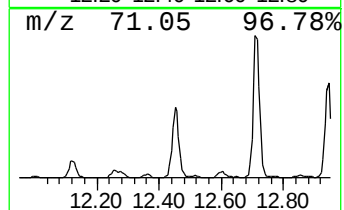
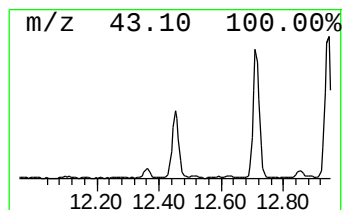
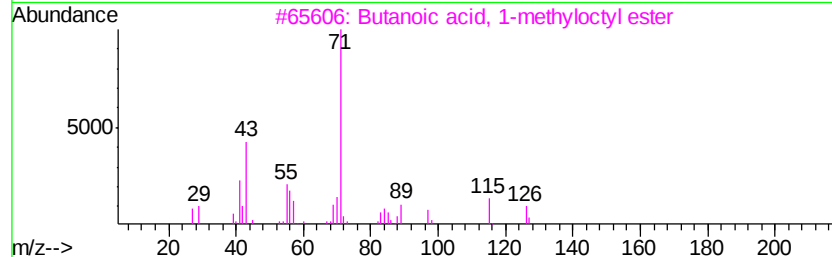
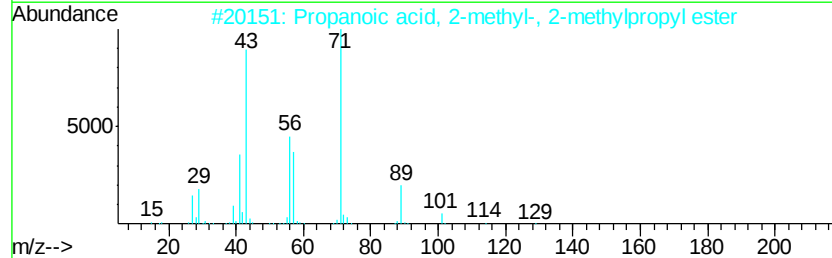
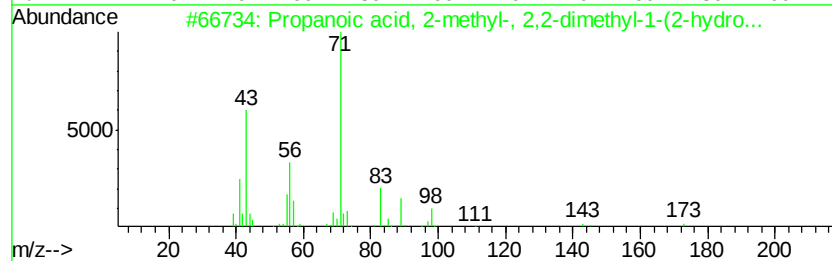
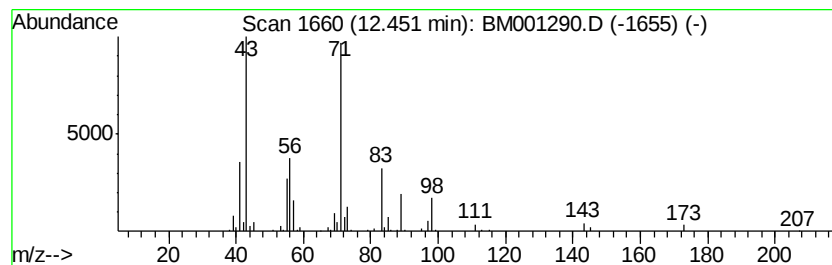
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Propanoic acid, 2-methyl-, ... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	3.50 ng/ul	339129	Acenaphthene-d10	14.12

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 2,2-d...	216	C12H24O3	074367-33-2	87	
2	Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	50	
3	Butanoic acid, 1-methyloctyl ester	214	C13H26O2	069727-42-0	50	
4	Propanoic acid, 2-methyl-, 1-(1,...	286	C16H30O4	074381-40-1	47	
5	1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	43	



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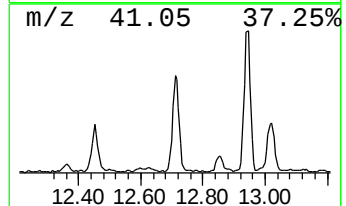
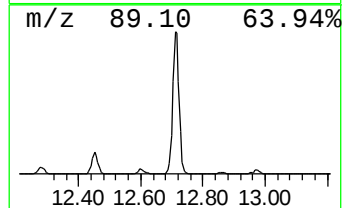
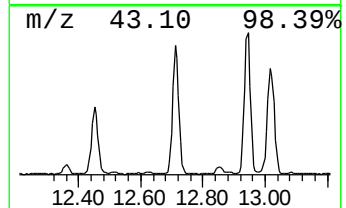
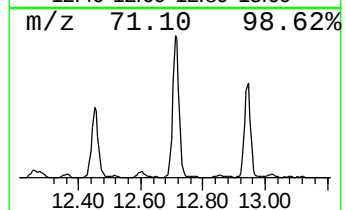
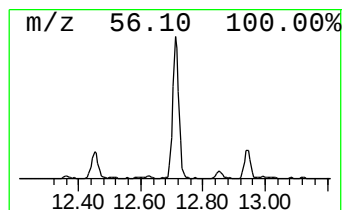
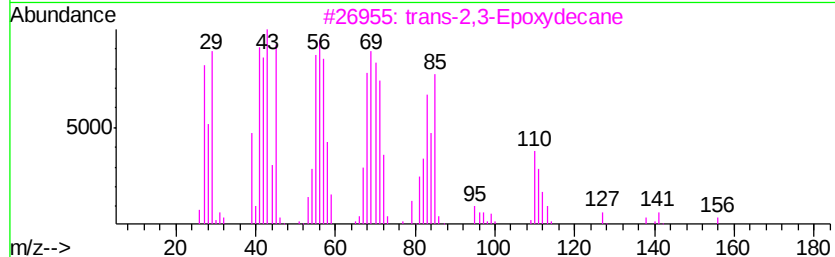
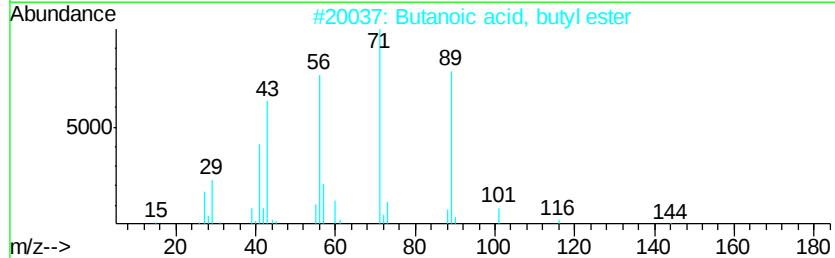
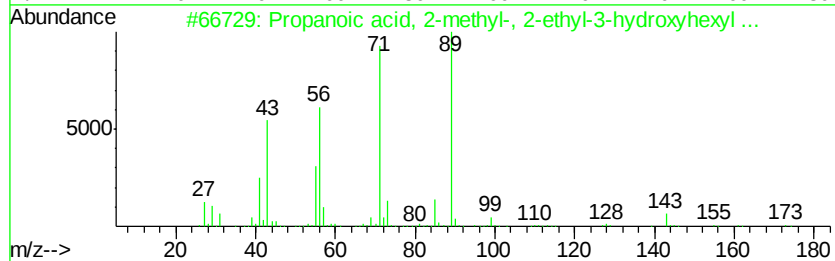
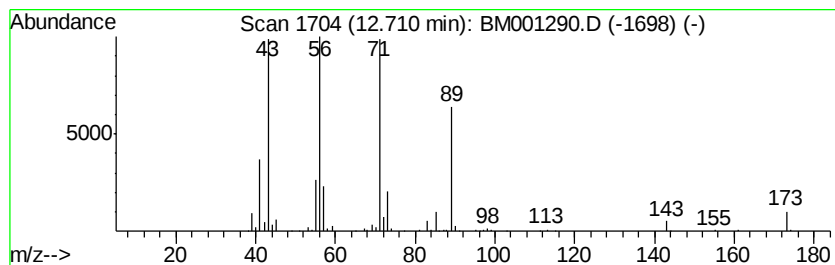
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Peak Number 3 Propanoic acid, 2-methyl-, ... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	7.95 ng/ul	769769	Acenaphthene-d10	14.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanoic acid, 2-methyl-, 2-eth...	216	C12H24O3	074367-31-0	64
2		Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	56
3		trans-2,3-Epoxydecane	156	C10H20O	054125-39-2	53
4		Propanoic acid, 2-methyl-, butyl...	144	C8H16O2	000097-87-0	53
5		Propanoic acid, 2-methyl-, 3-hyd...	216	C12H24O3	074367-34-3	50



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Data File : BM001290.D
Acq On : 14 May 2015 12:40
Operator : TP/IZ
Sample : G2159-07
Misc :
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Instrument :
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ClientSampleId :
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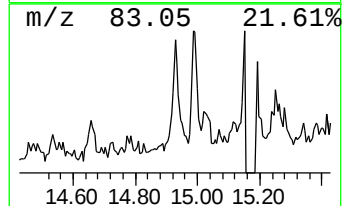
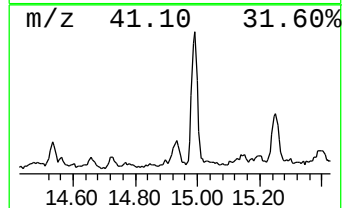
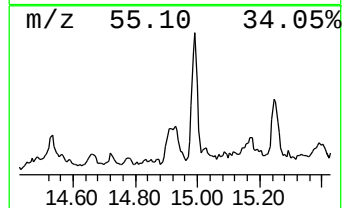
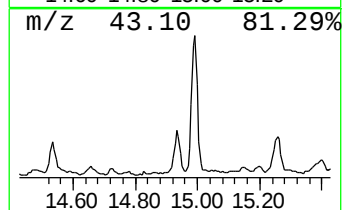
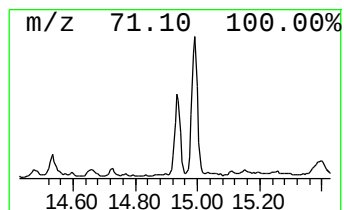
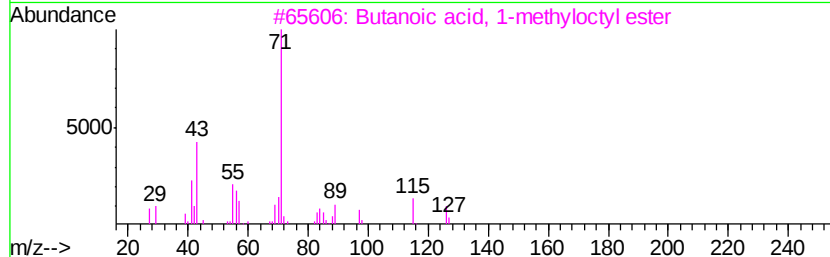
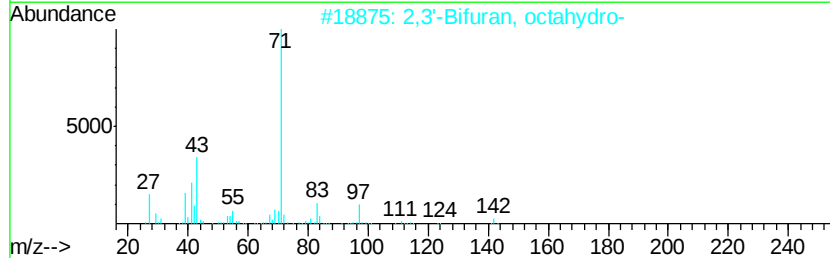
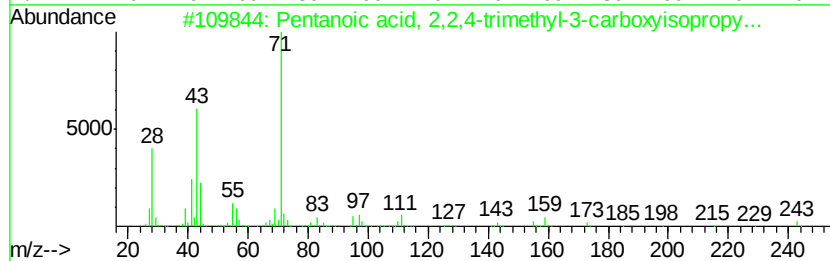
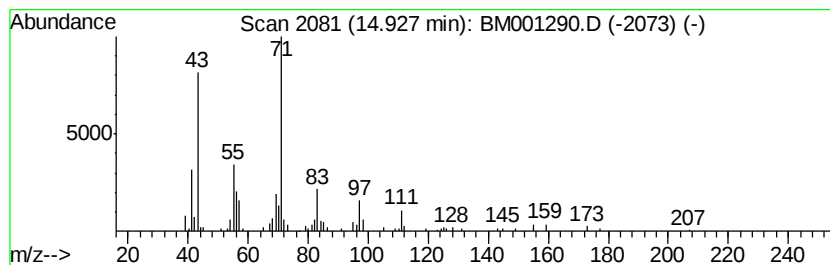
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Pentanoic acid, 2,2,4-trime... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	2.22 ng/ul	214831	Acenaphthene-d10	14.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentanoic acid, 2,2,4-trimethyl-...	286	C16H30O4	1000140-77-5	74
2		2,3'-Bifuran, octahydro-	142	C8H14O2	073373-15-6	64
3		Butanoic acid, 1-methyloctyl ester	214	C13H26O2	069727-42-0	64
4		Butyric acid, 3-tridecyl ester	270	C17H34O2	1000280-56-8	64
5		1-Butoxy-2,4-dimethyl-2-pentene	170	C11H22O	1000159-08-8	59



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051515\
Data File : BM001290.D
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Misc :
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Instrument :
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ClientSampleId :
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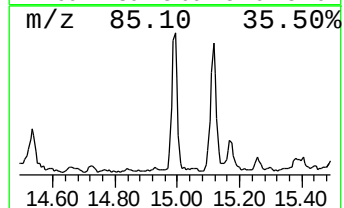
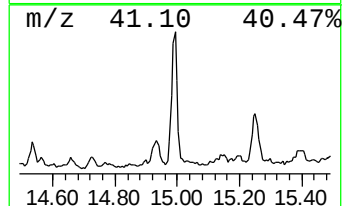
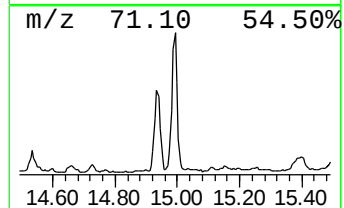
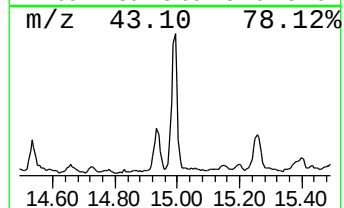
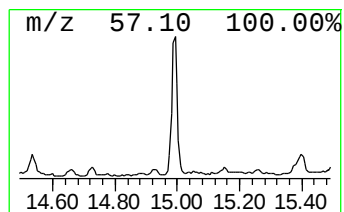
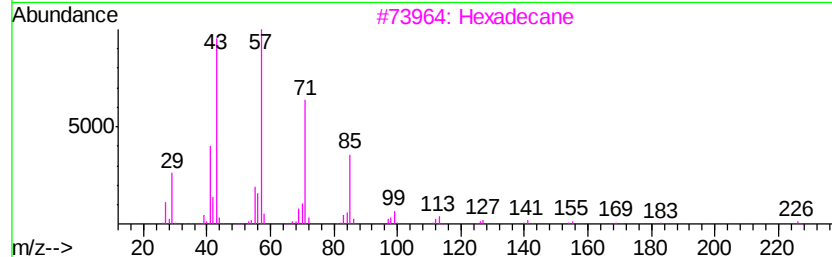
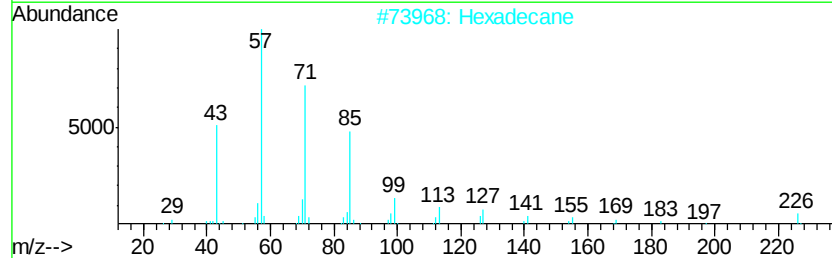
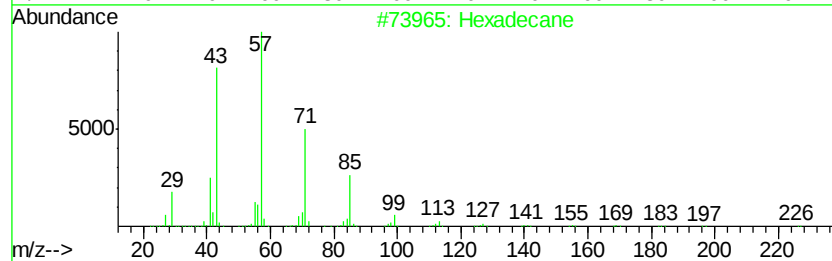
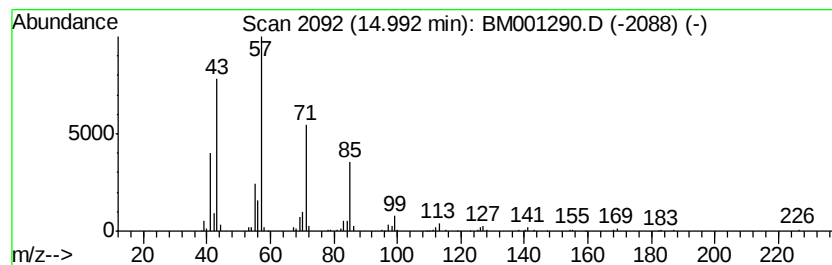
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	5.63 ng/ul	544829	Acenaphthene-d10	14.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	97
2		Hexadecane	226	C16H34	000544-76-3	95
3		Hexadecane	226	C16H34	000544-76-3	93
4		Eicosane	282	C20H42	000112-95-8	91
5		Tridecane	184	C13H28	000629-50-5	86



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051515\
Data File : BM001290.D
Acq On : 14 May 2015 12:40
Operator : TP/IZ
Sample : G2159-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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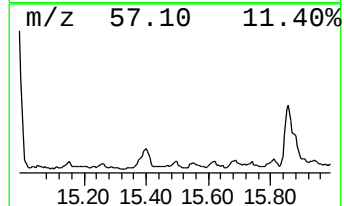
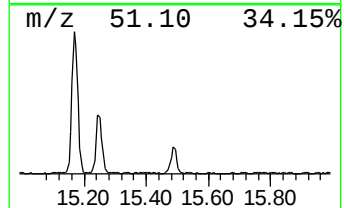
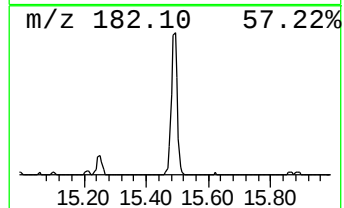
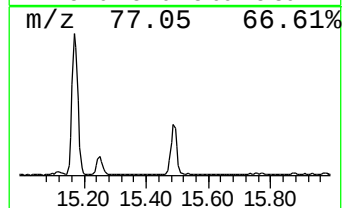
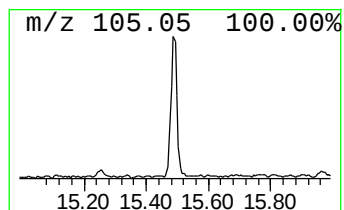
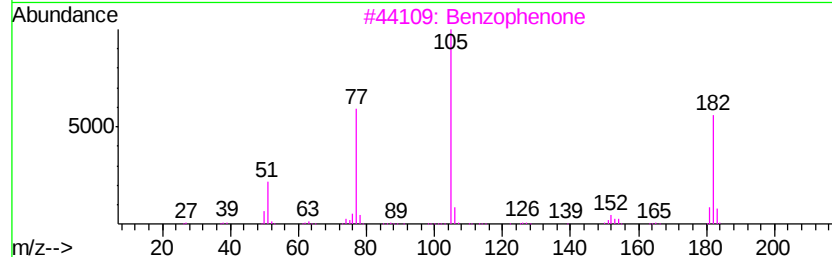
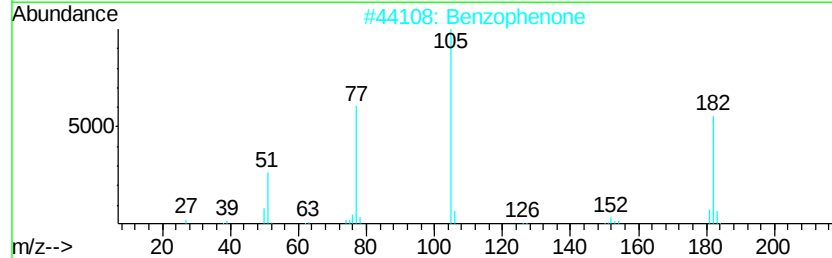
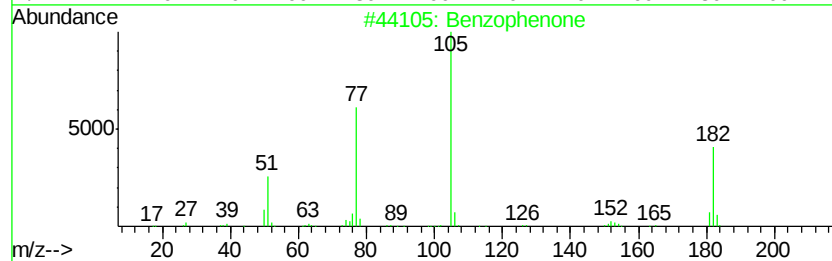
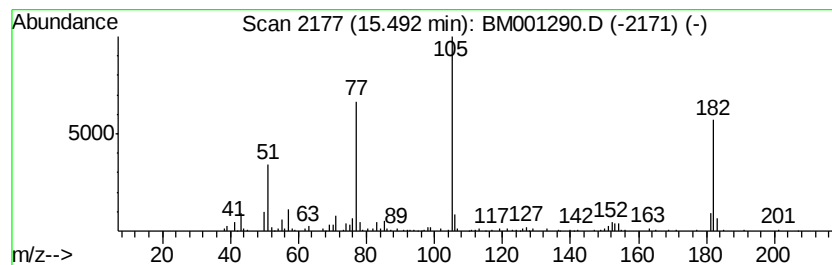
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzophenone Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	2.19 ng/ul	246092	Phenanthrene-d10	16.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzophenone	182	C13H10O	000119-61-9	97
2		Benzophenone	182	C13H10O	000119-61-9	97
3		Benzophenone	182	C13H10O	000119-61-9	95
4		Benzophenone	182	C13H10O	000119-61-9	95
5		Benzophenone	182	C13H10O	000119-61-9	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051515\
Data File : BM001290.D
Acq On : 14 May 2015 12:40
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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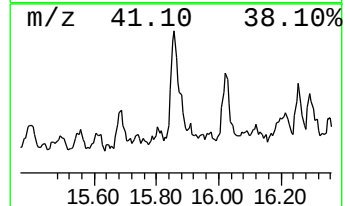
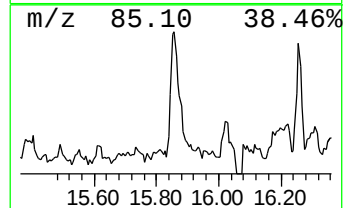
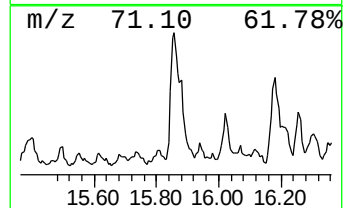
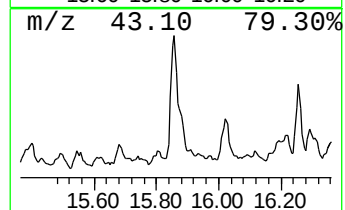
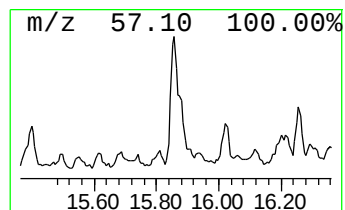
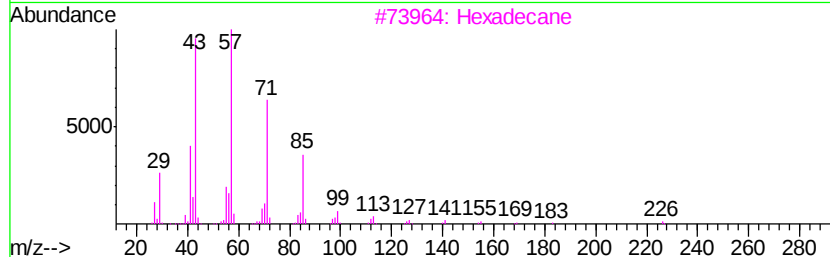
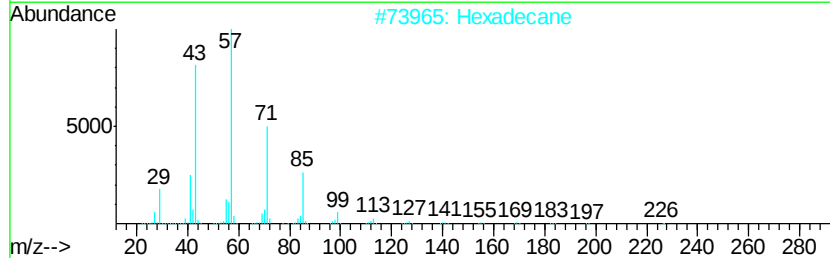
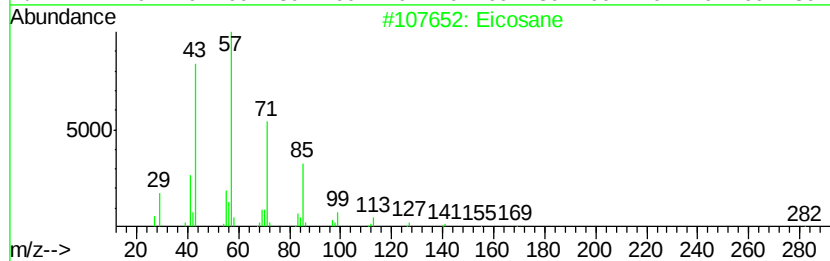
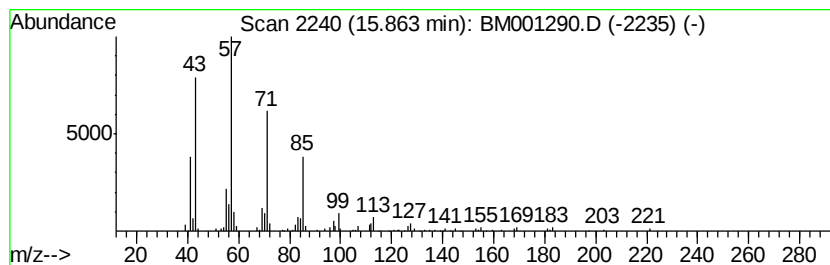
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	3.47 ng/ul	390458	Phenanthrene-d10	16.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Hexadecane	226	C16H34	000544-76-3	91
3		Hexadecane	226	C16H34	000544-76-3	90
4		Octacosane	394	C28H58	000630-02-4	90
5		Pentadecane	212	C15H32	000629-62-9	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051515\
Data File : BM001290.D
Acq On : 14 May 2015 12:40
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Sample : G2159-07
Misc :
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Instrument :
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ClientSampleId :
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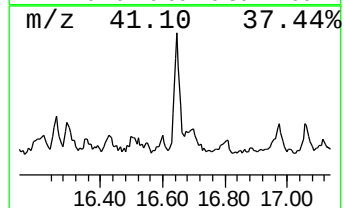
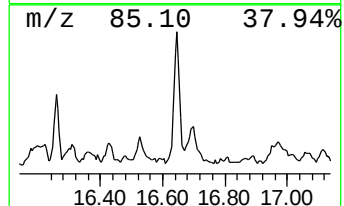
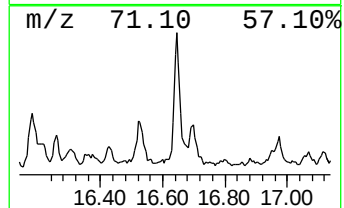
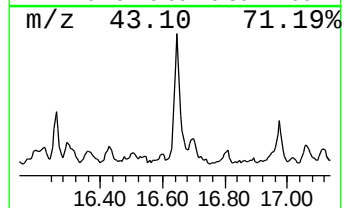
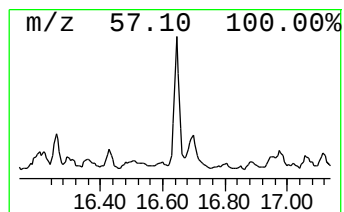
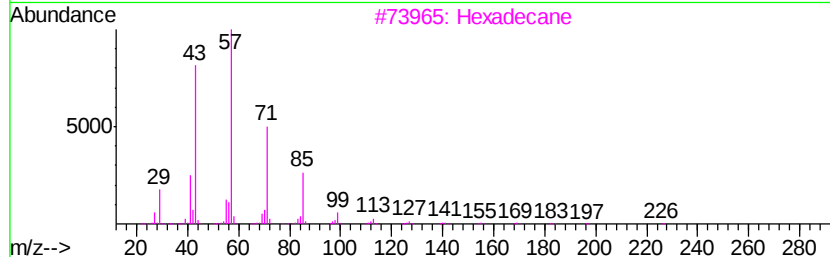
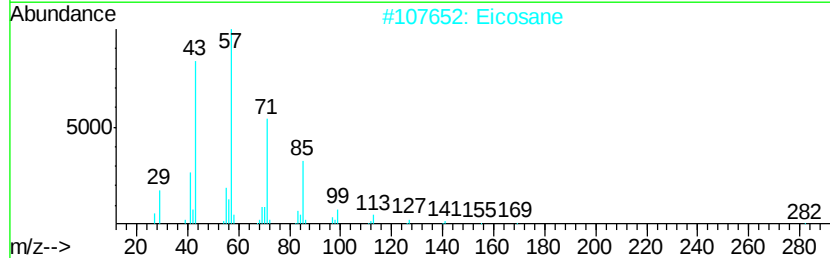
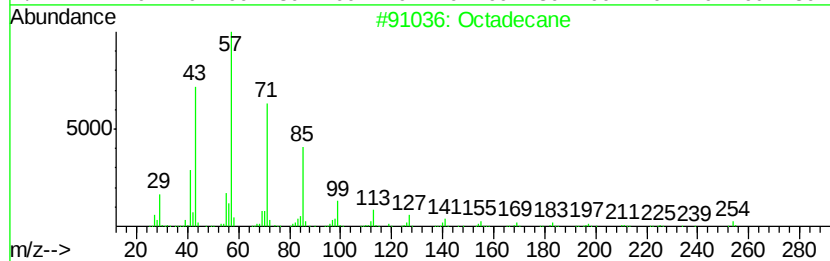
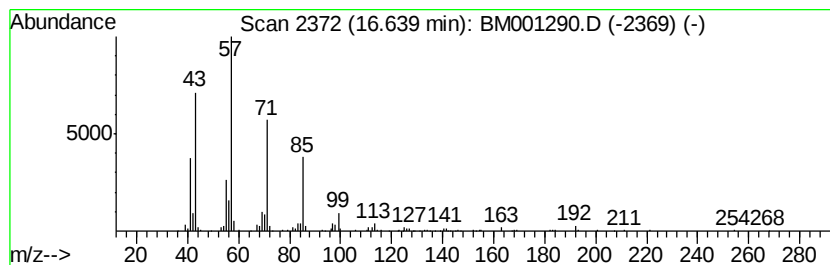
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	4.11 ng/ul	462952	Phenanthrene-d10	16.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	94
2			Eicosane	282	C20H42	000112-95-8	91
3			Hexadecane	226	C16H34	000544-76-3	91
4			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051515\
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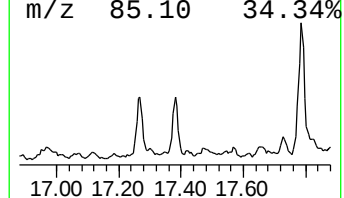
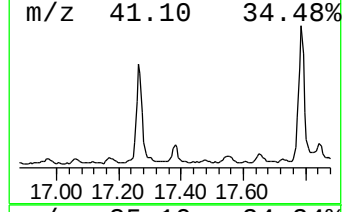
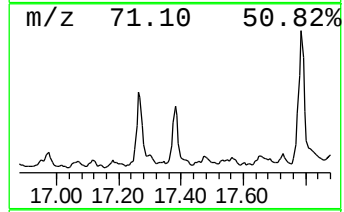
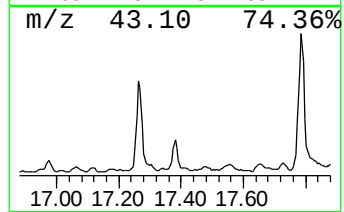
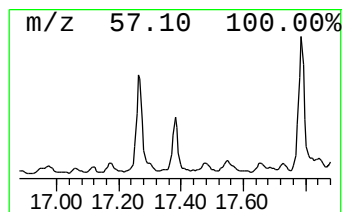
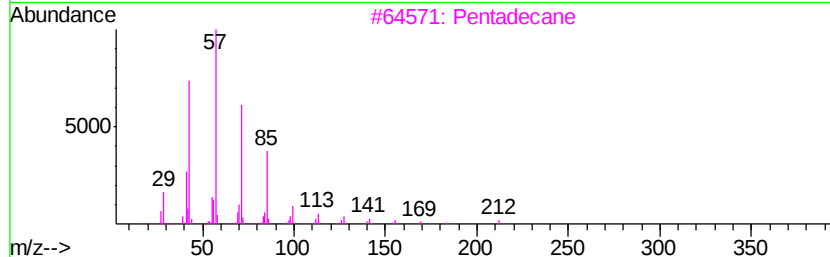
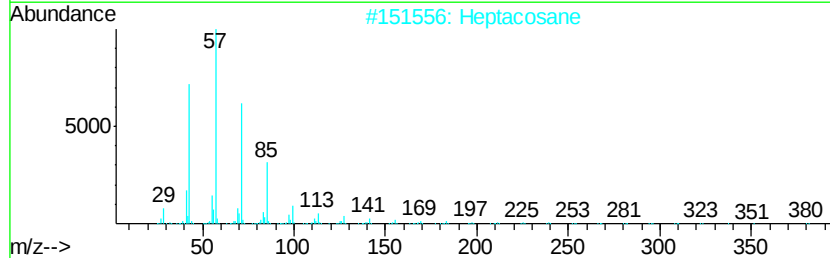
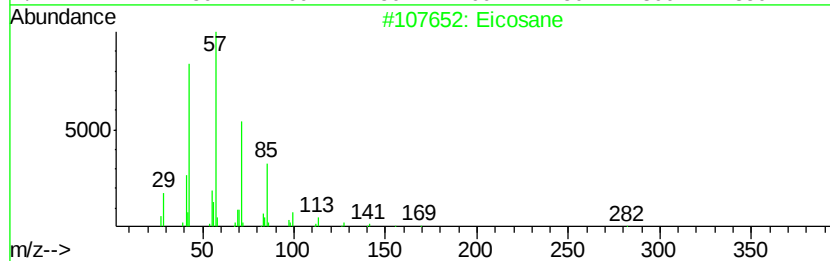
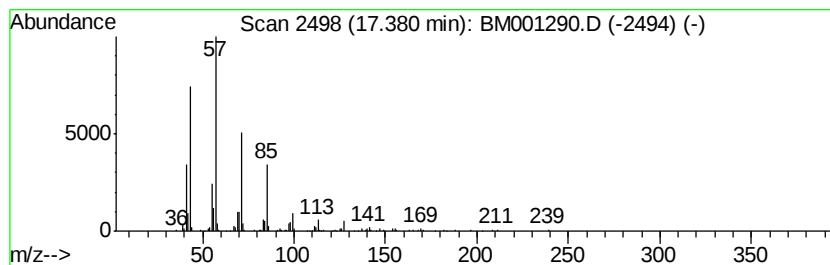
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.38	2.67 ng/ul	300822	Phenanthrene-d10	16.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		Pentadecane	212	C15H32	000629-62-9	90
4		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051515\
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Acq On : 14 May 2015 12:40
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ClientSampleId :
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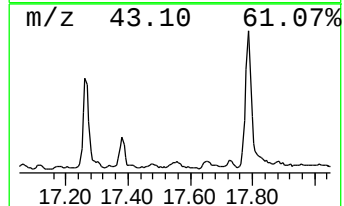
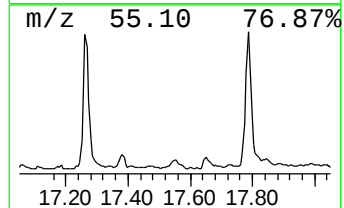
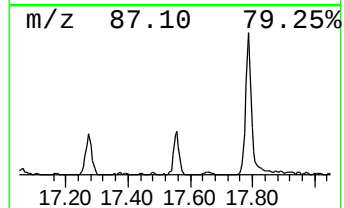
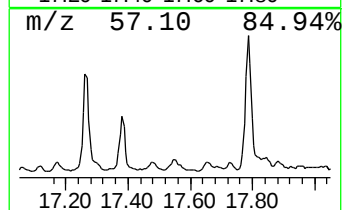
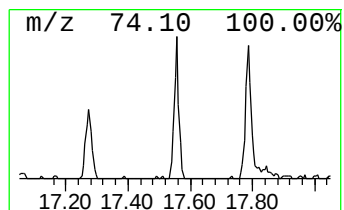
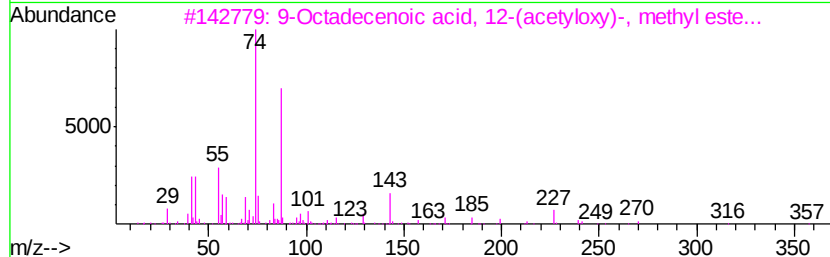
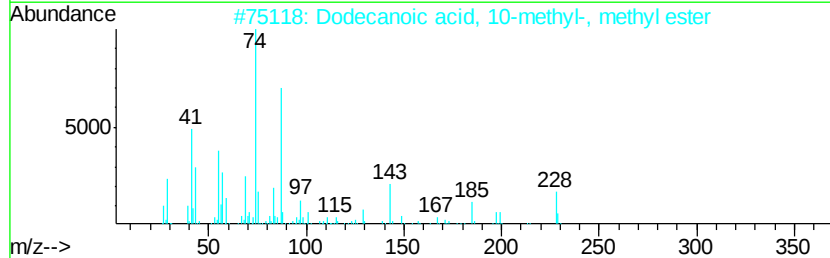
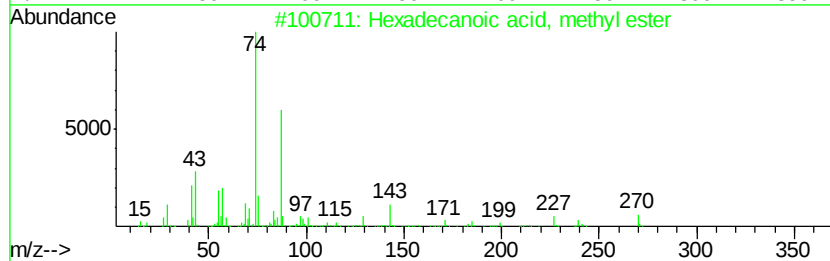
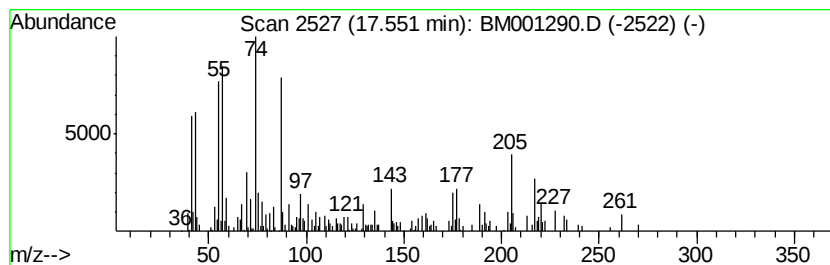
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.55	2.82 ng/ul	317851	Phenanthrene-d10	16.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	49
2			Dodecanoic acid, 10-methyl-, met...	228	C14H28O2	005129-65-7	47
3			9-Octadecenoic acid, 12-(acetylo...	354	C21H38O4	000140-03-4	46
4			Undecanoic acid, methyl ester	200	C12H24O2	001731-86-8	43
5			Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051515\
Data File : BM001290.D
Acq On : 14 May 2015 12:40
Operator : TP/IZ
Sample : G2159-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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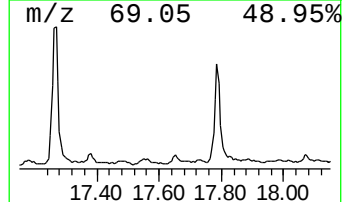
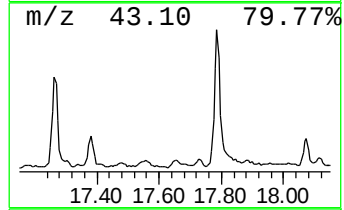
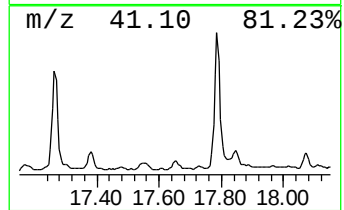
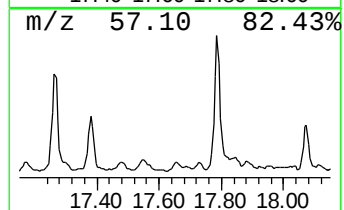
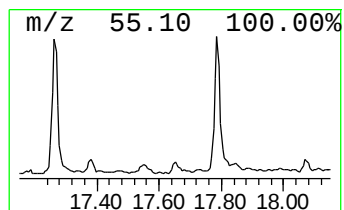
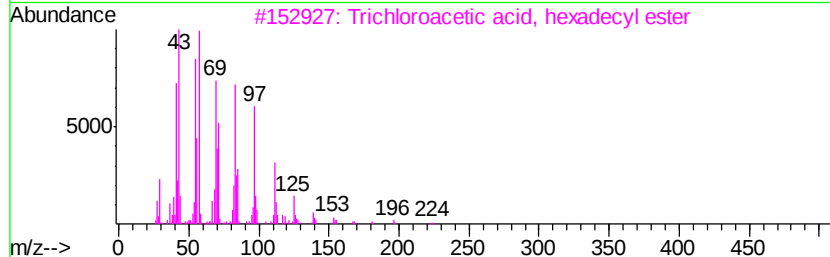
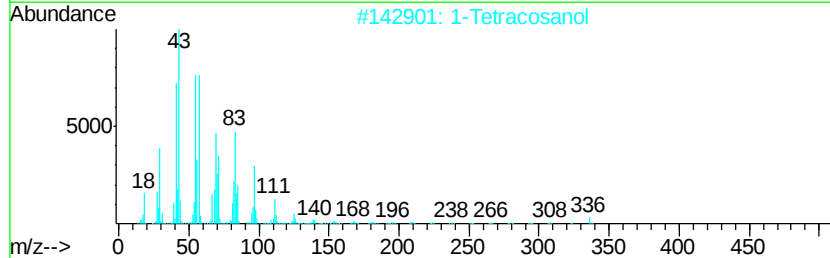
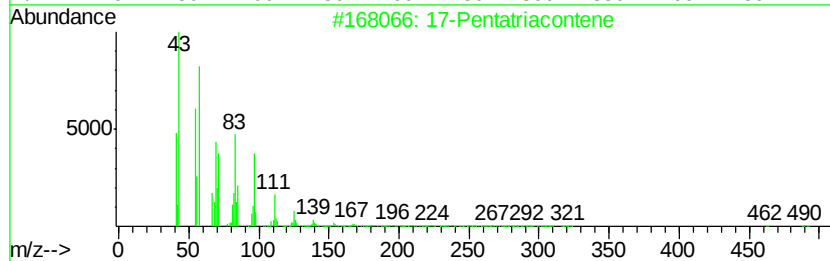
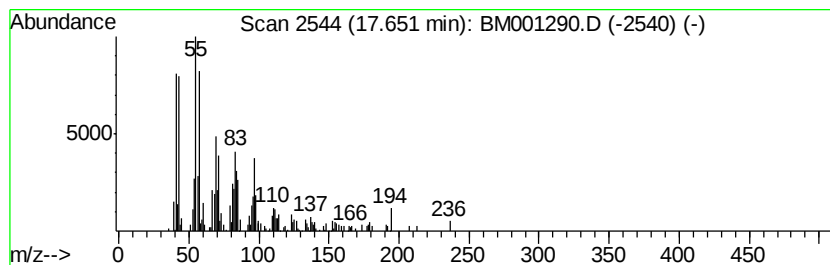
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Cyclic-05 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.65	2.39 ng/ul	269593	Phenanthrene-d10	16.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	17-Pentatriacontene	491	C35H70	006971-40-0	58
2		1-Tetracosanol	354	C24H50O	000506-51-4	58
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	58
4		1-Hexacosanol	382	C26H54O	000506-52-5	58
5		Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	52



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051515\
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Acq On : 14 May 2015 12:40
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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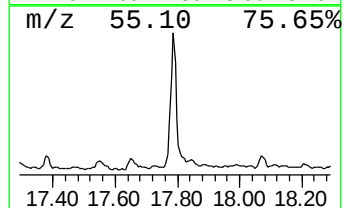
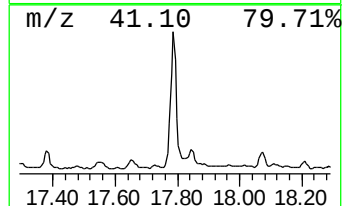
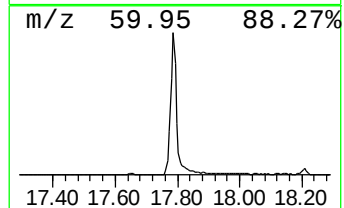
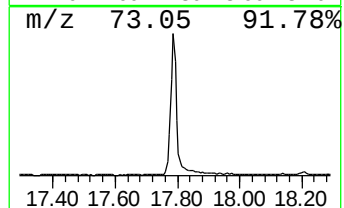
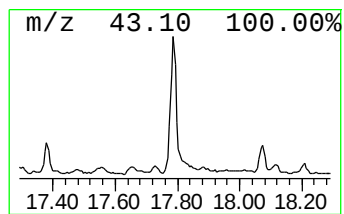
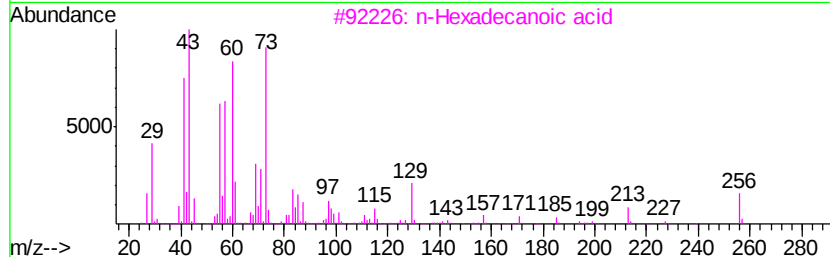
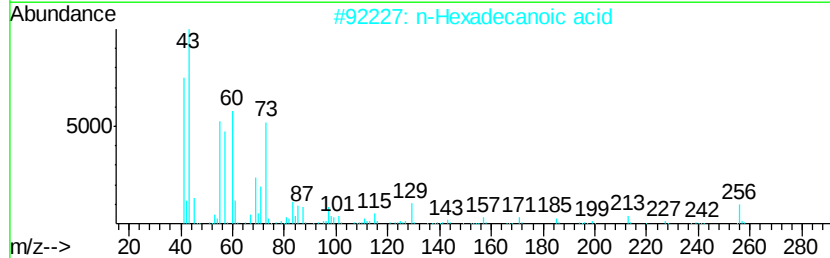
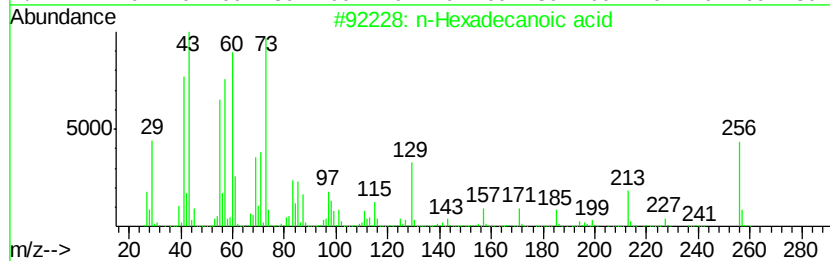
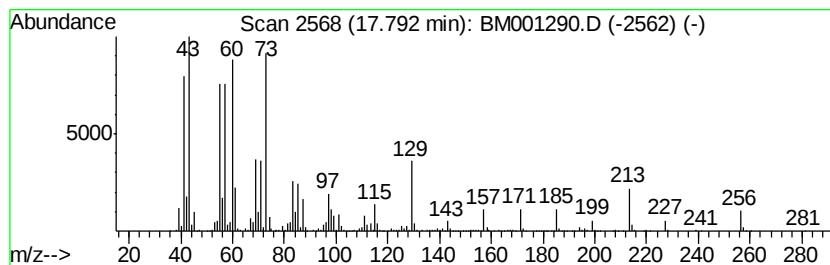
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	27.36 ng/ul	3080500	Phenanthrene-d10	16.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5		Tridecanoic acid	214	C13H26O2	000638-53-9	81



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051515\
Data File : BM001290.D
Acq On : 14 May 2015 12:40
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Misc :
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Instrument :
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ClientSampleId :
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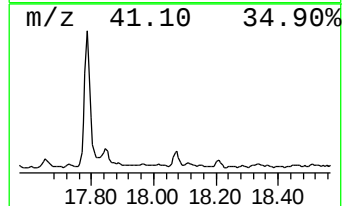
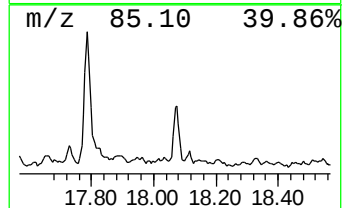
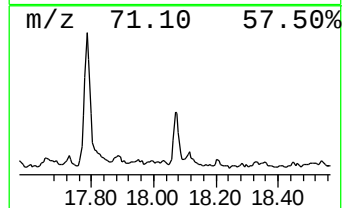
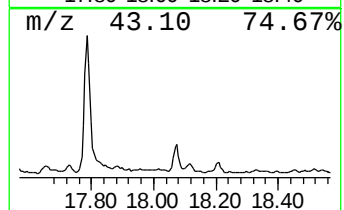
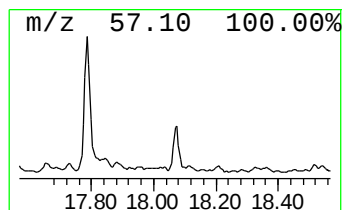
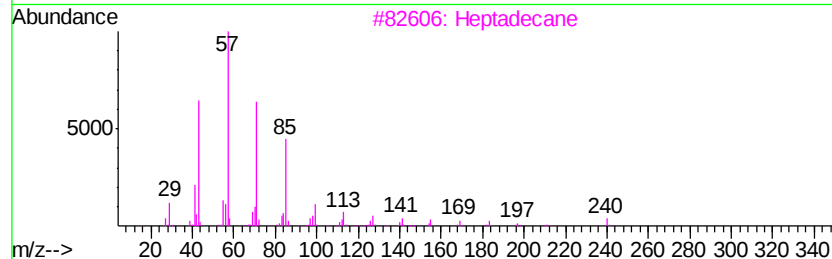
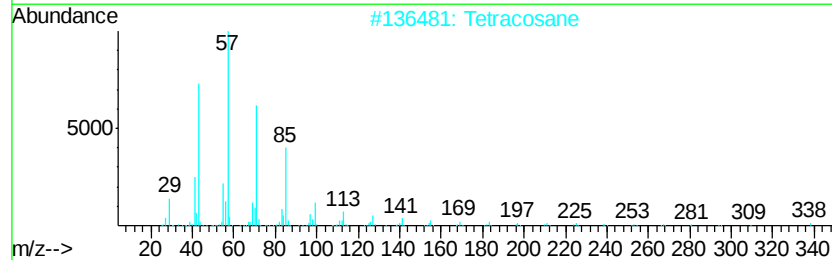
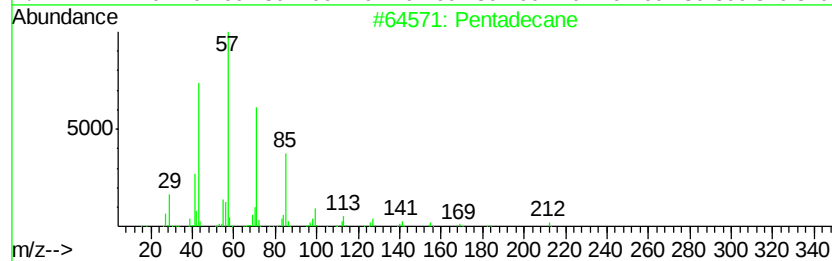
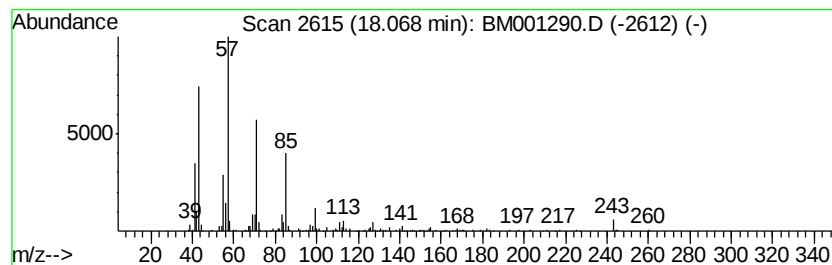
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	2.99 ng/ul	336554	Phenanthrene-d10	16.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	91
2		Tetracosane	338	C24H50	000646-31-1	91
3		Heptadecane	240	C17H36	000629-78-7	90
4		Tetradecane	198	C14H30	000629-59-4	86
5		Eicosane	282	C20H42	000112-95-8	86



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051515\
Data File : BM001290.D
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Misc :
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Instrument :
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ClientSampleId :
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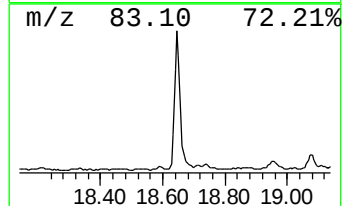
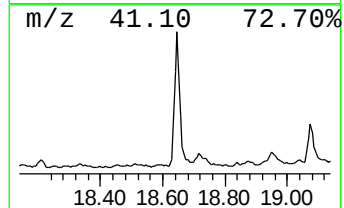
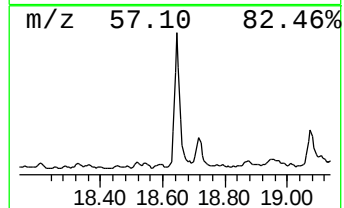
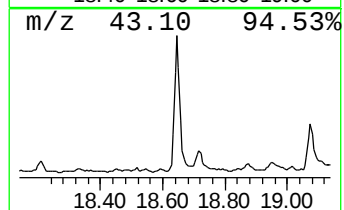
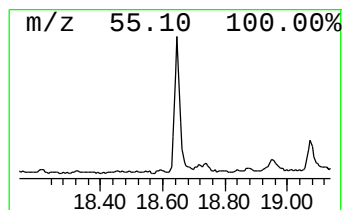
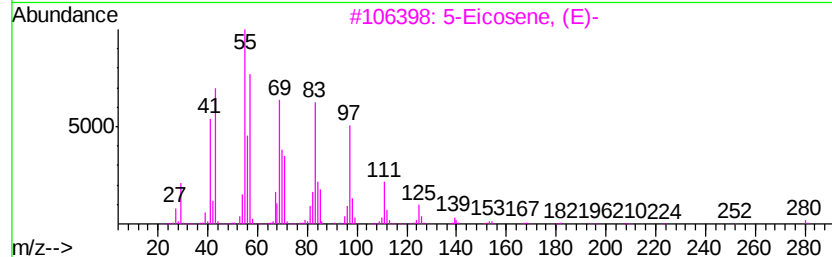
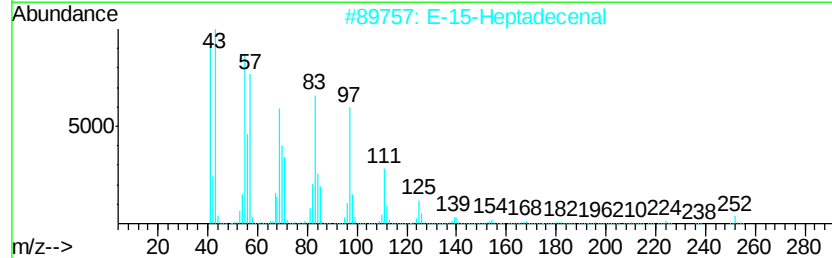
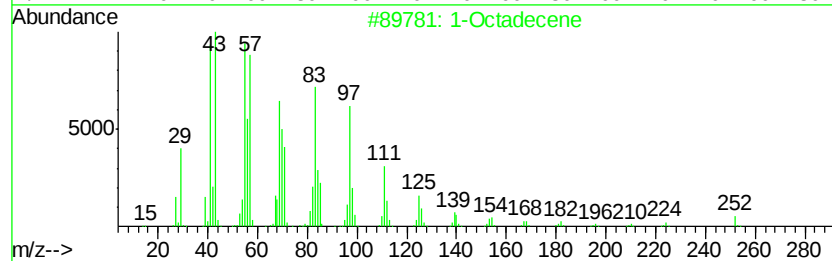
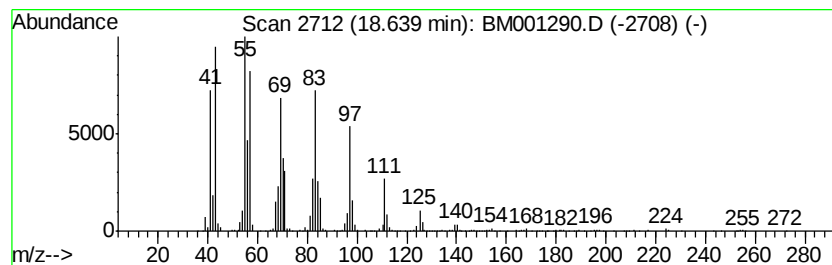
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	21.95 ng/ul	2472350	Phenanthrene-d10	16.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octadecene	252	C18H36	000112-88-9	98
2		E-15-Heptadecenal	252	C17H32O	1000130-97-9	94
3		5-Eicosene, (E)-	280	C20H40	074685-30-6	93
4		3-Octadecene, (E)-	252	C18H36	007206-19-1	91
5		Pentafluoropropionic acid, 4-hex...	388	C19H33F5O2	1000283-04-1	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051515\
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Sample : G2159-07
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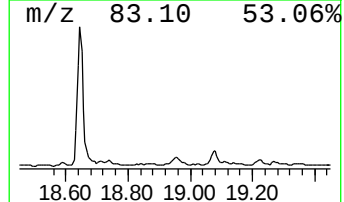
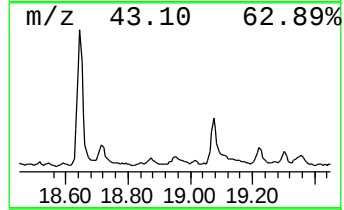
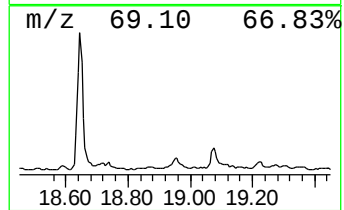
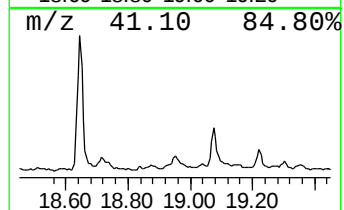
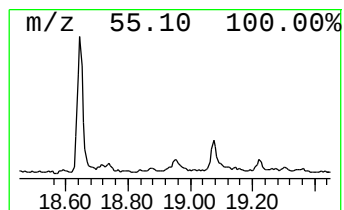
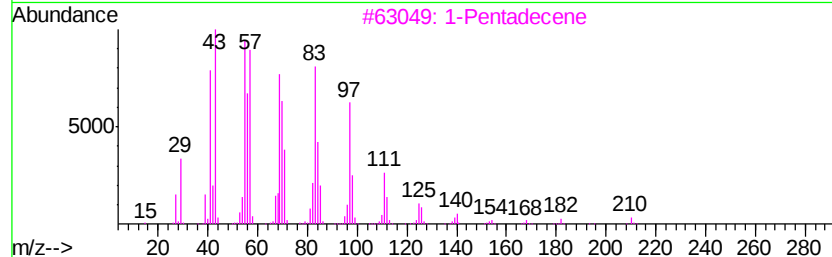
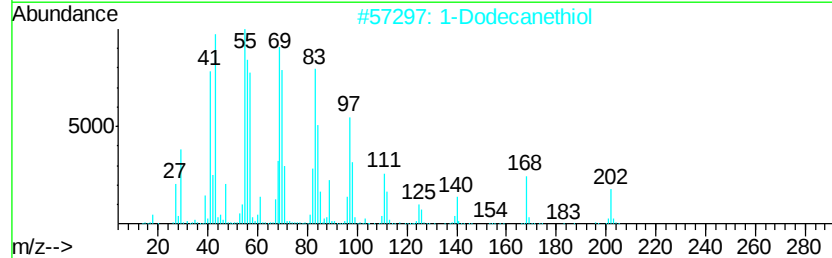
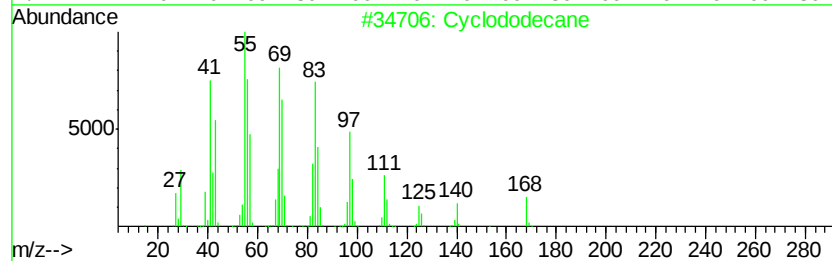
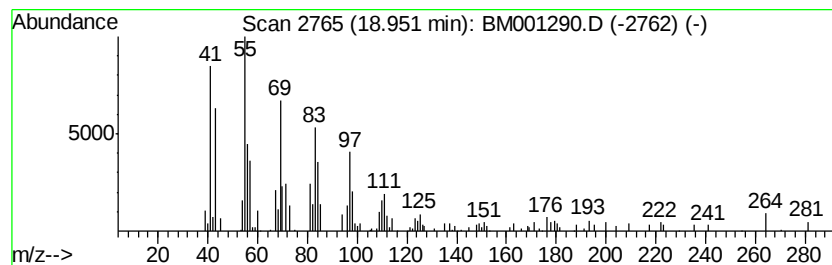
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 (DEL) Alkane: Cyclic-08 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.		
18.95	2.69 ng/ul	302947	Phenanthrene-d10		16.87		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclododecane	168	C12H24	000294-62-2	80
2			1-Dodecanethiol	202	C12H26S	000112-55-0	80
3			1-Pentadecene	210	C15H30	013360-61-7	80
4			9-Octadecene, (E)-	252	C18H36	007206-25-9	72
5			4-Heptafluorobutyryloxyhexadecane	438	C20H33F7O2	1000282-97-2	68



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051515\
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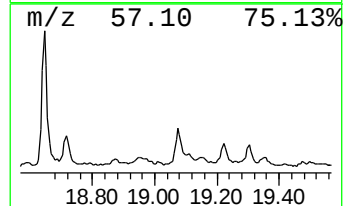
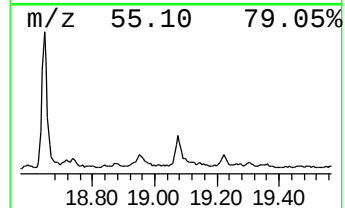
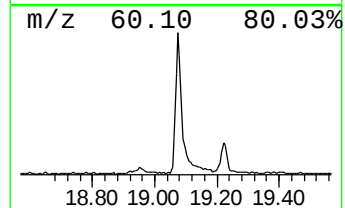
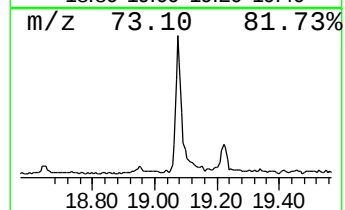
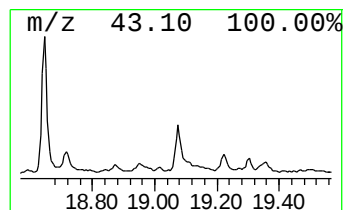
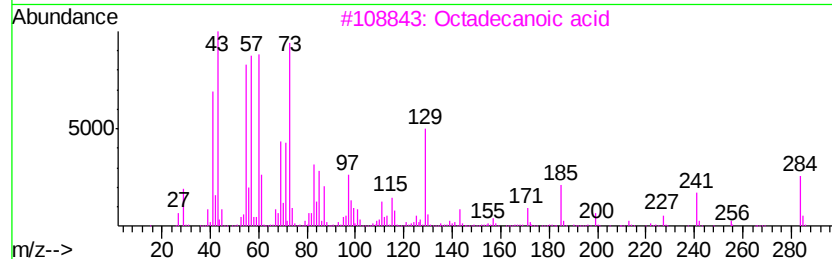
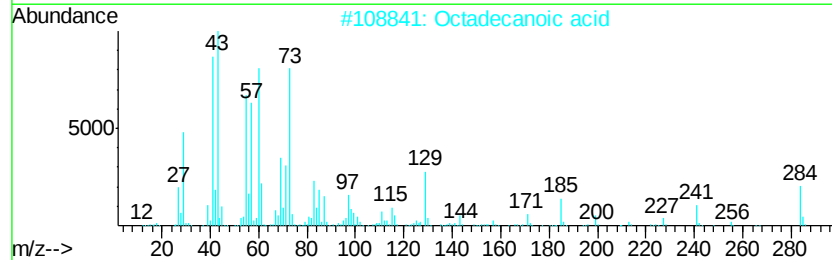
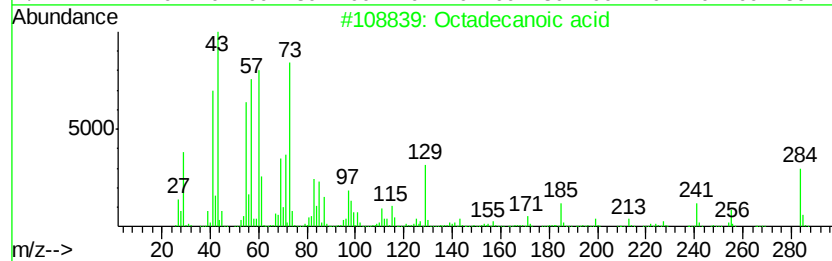
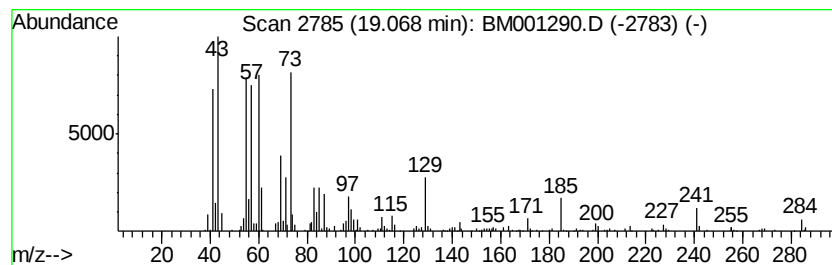
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Octadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.07	2.78 ng/ul	760607	Chrysene-d12	21.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	98
2			Octadecanoic acid	284	C18H36O2	000057-11-4	95
3			Octadecanoic acid	284	C18H36O2	000057-11-4	94
4			Octadecanoic acid	284	C18H36O2	000057-11-4	91
5			Octadecanoic acid, 2-(2-hydroxy...	372	C22H44O4	000106-11-6	80



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051515\
Data File : BM001290.D
Acq On : 14 May 2015 12:40
Operator : TP/IZ
Sample : G2159-07
Misc :
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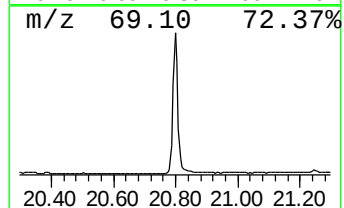
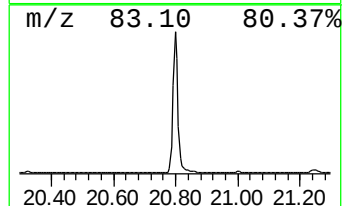
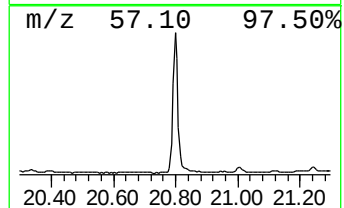
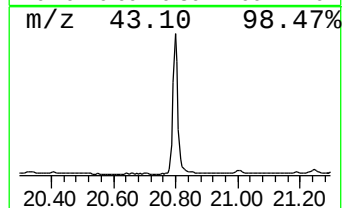
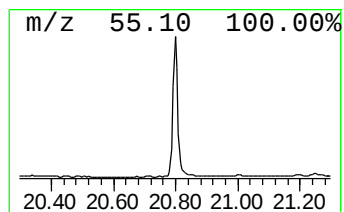
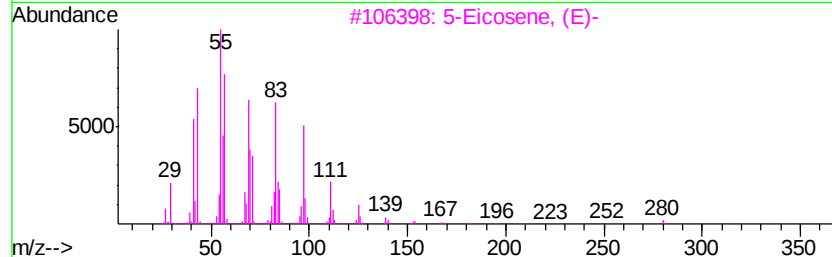
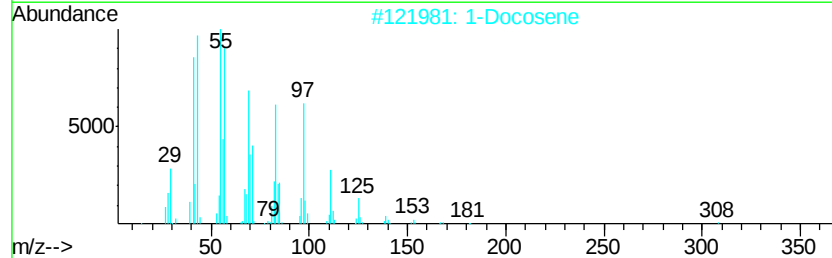
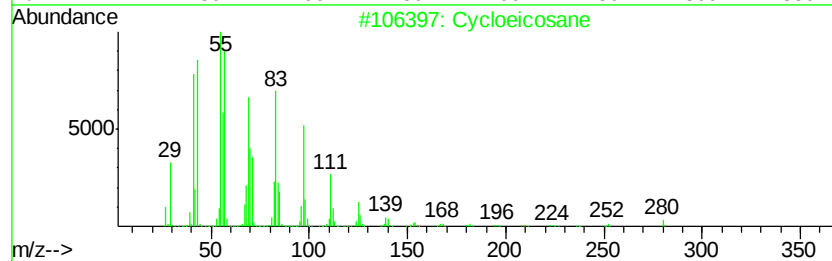
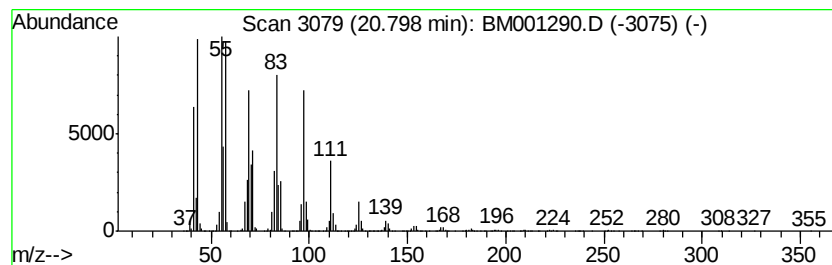
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 (DEL) Alkane: Cyclic-09 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.80	32.65 ng/ul	8924560	Chrysene-d12	21.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cycloeicosane	280 C20H40	000296-56-0 97
2		1-Docosene	308 C22H44	001599-67-3 94
3		5-Eicosene, (E)-	280 C20H40	074685-30-6 91
4		2- Chloropropionic acid, pentade...	318 C18H35ClO2	1000292-44-1 91
5		2- Chloropropionic acid, hexadec...	332 C19H37ClO2	086711-81-1 91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051515\
Data File : BM001290.D
Acq On : 14 May 2015 12:40
Operator : TP/IZ
Sample : G2159-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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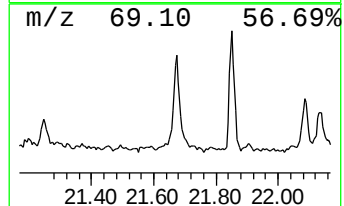
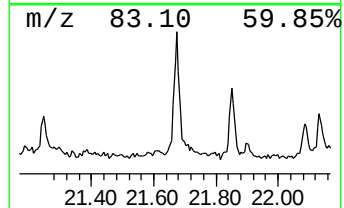
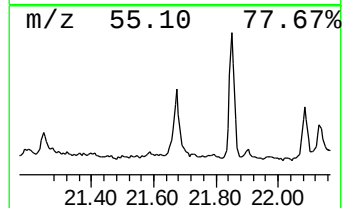
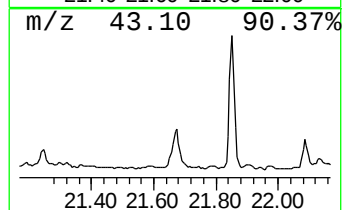
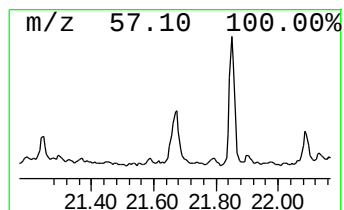
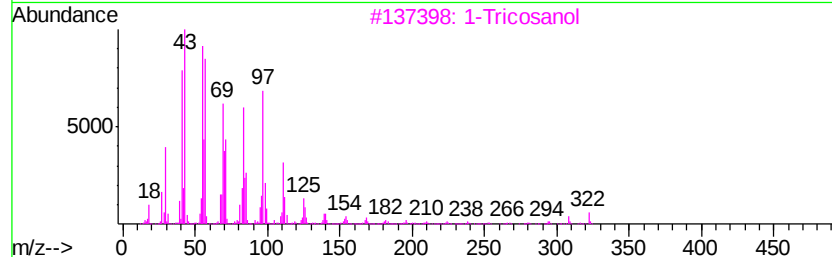
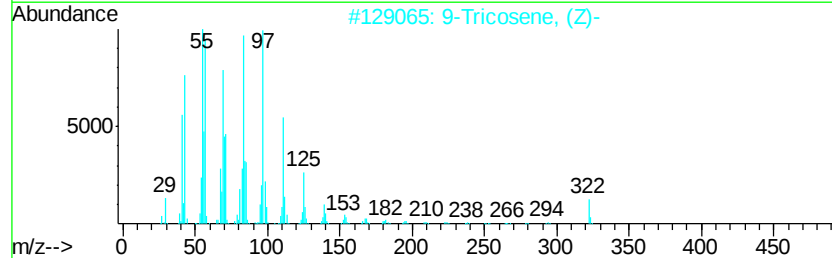
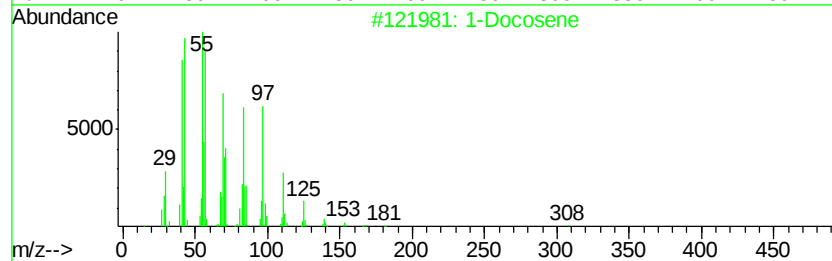
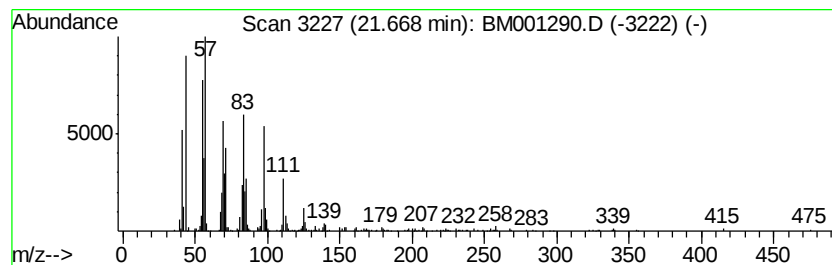
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.67	2.75 ng/ul	752479	Chrysene-d12	21.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene			308	C22H44	001599-67-3	94
2	9-Tricosene, (Z)-			322	C23H46	027519-02-4	93
3	1-Tricosanol			340	C23H48O	003133-01-5	91
4	1-Heneicosyl formate			340	C22H44O2	077899-03-7	91
5	1-Nonadecene			266	C19H38	018435-45-5	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051515\
Data File : BM001290.D
Acq On : 14 May 2015 12:40
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Sample : G2159-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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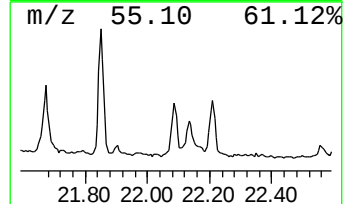
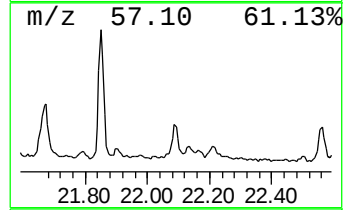
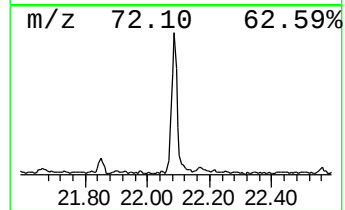
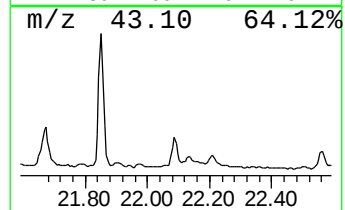
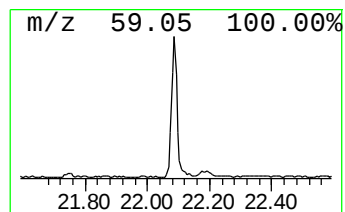
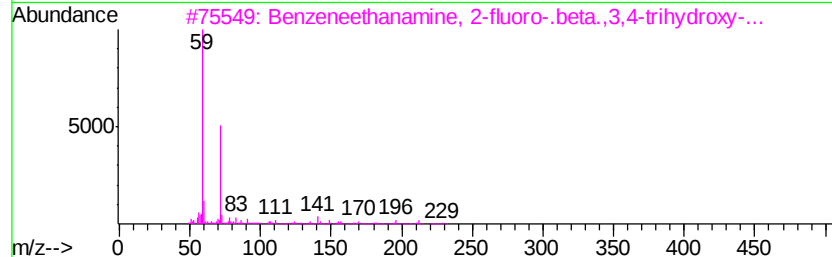
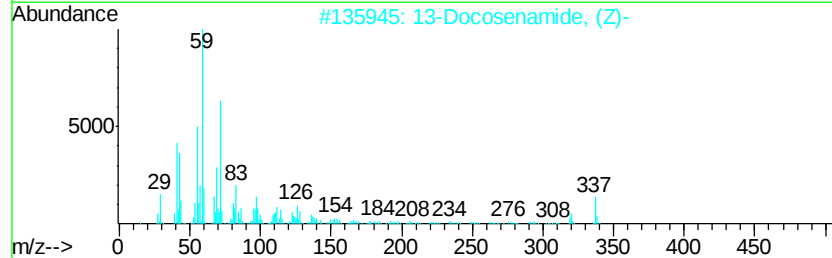
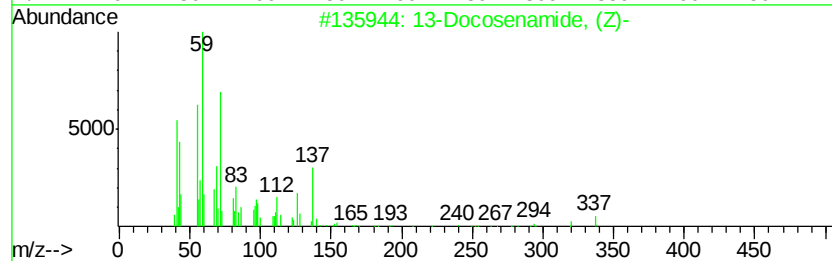
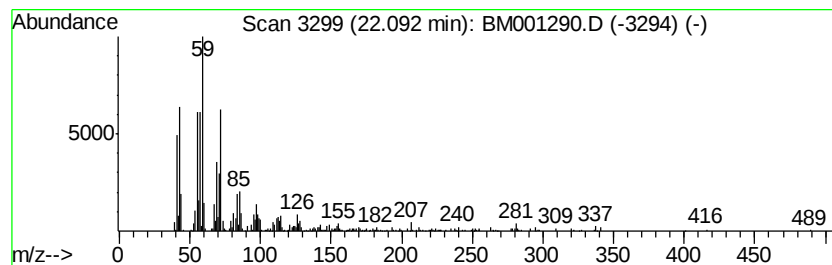
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 13-Docosenamide, (Z)- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.09	2.05 ng/ul	559041	Chrysene-d12	21.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	74
2		13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	68
3		Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FN03	061338-98-5	52
4		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	52
5		Nonanamide	157	C9H19NO	001120-07-6	50



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051515\
Data File : BM001290.D
Acq On : 14 May 2015 12:40
Operator : TP/IZ
Sample : G2159-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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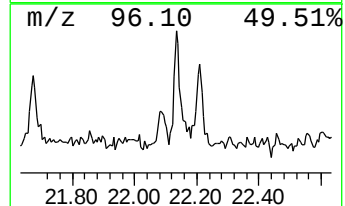
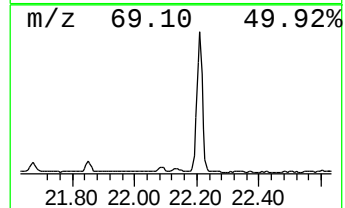
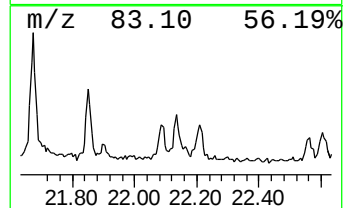
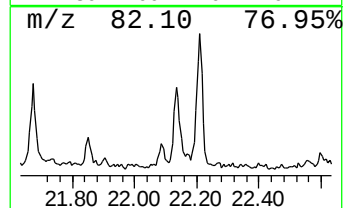
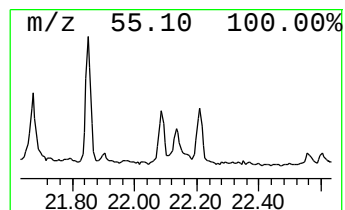
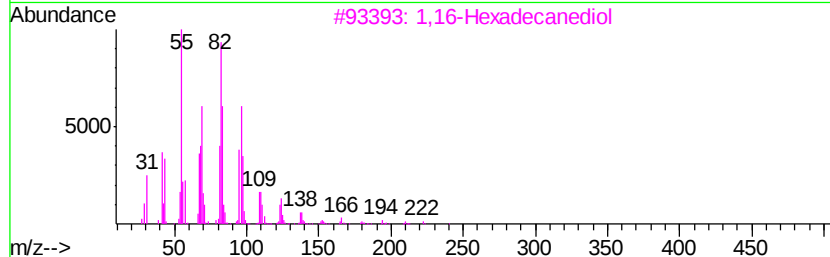
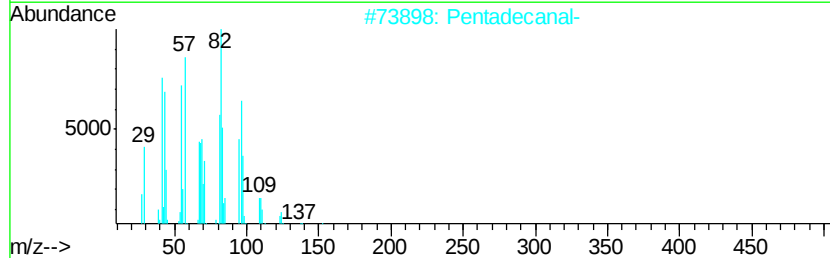
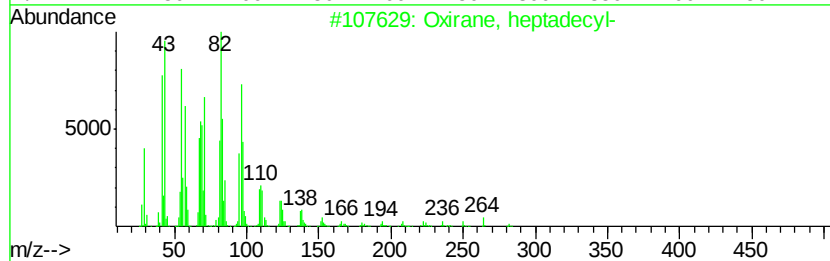
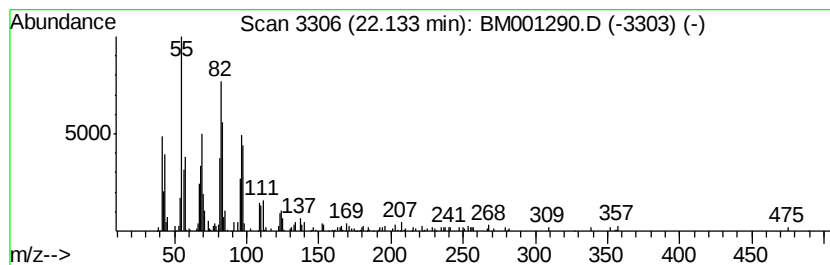
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Oxirane, heptadecyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.13	2.88 ng/ul	312613	Perylene-d12	23.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, heptadecyl-	282	C19H38O	067860-04-2	83
2			Pentadecanal-	226	C15H30O	002765-11-9	72
3			1,16-Hexadecanediol	258	C16H34O2	007735-42-4	64
4			1,19-Eicosadiene	278	C20H38	014811-95-1	64
5			E-11(13-Methyl)tetradecen-1-ol a...	268	C17H32O2	1000130-80-4	53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051515\
Data File : BM001290.D
Acq On : 14 May 2015 12:40
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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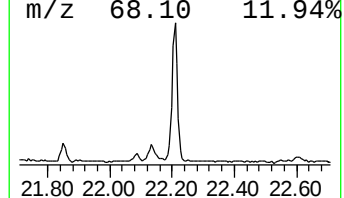
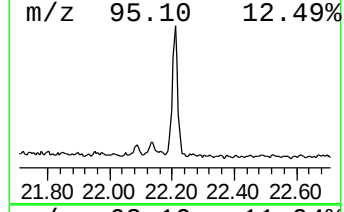
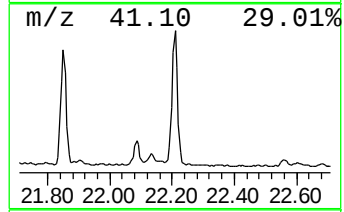
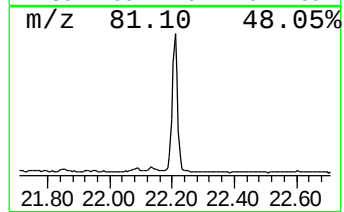
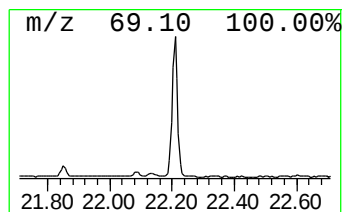
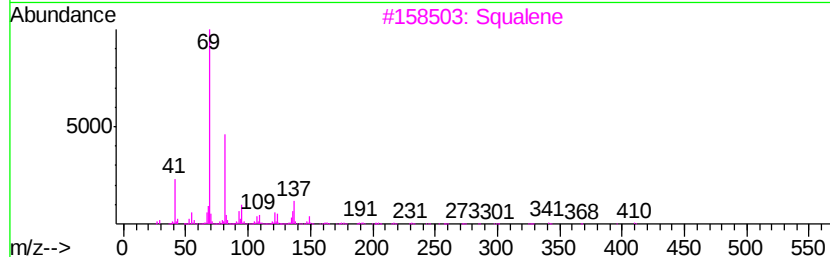
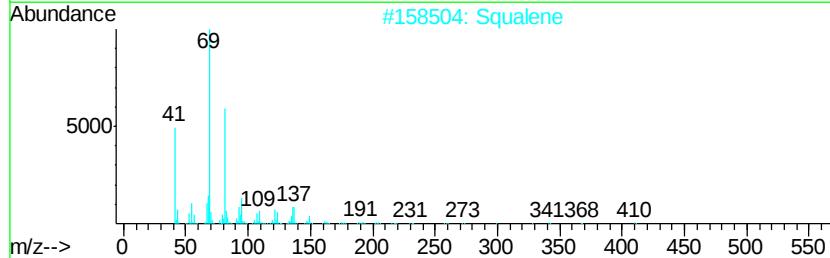
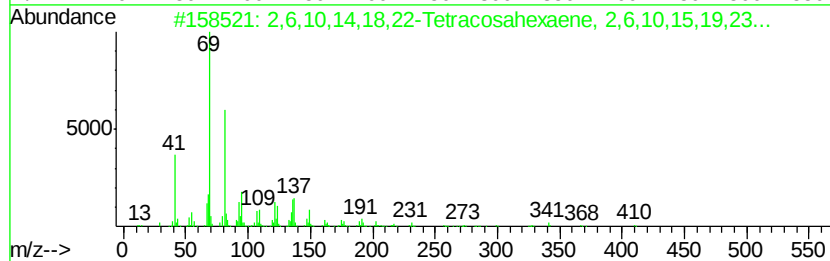
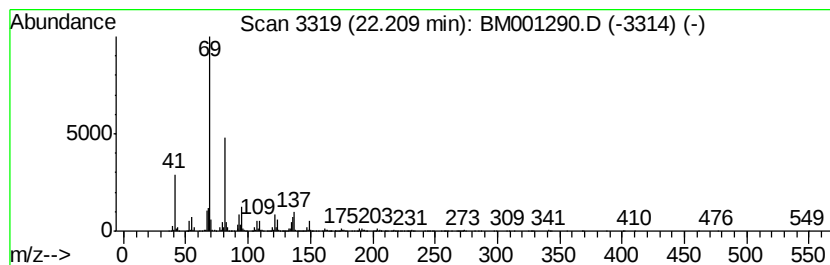
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 2,6,10,14,18,22-Tetracosah... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.21	21.48 ng/ul	2328480	Perylene-d12	23.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	95		
2	Squalene	410	C30H50	007683-64-9	91		
3	Squalene	410	C30H50	007683-64-9	91		
4	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	91		
5	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	86		



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051515\
Data File : BM001290.D
Acq On : 14 May 2015 12:40
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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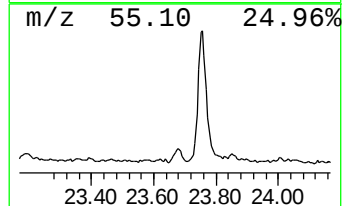
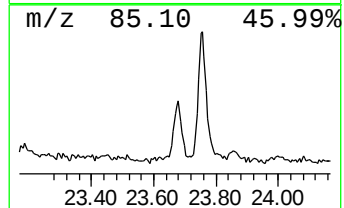
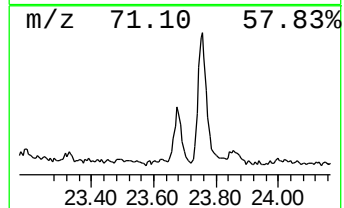
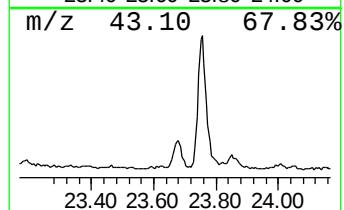
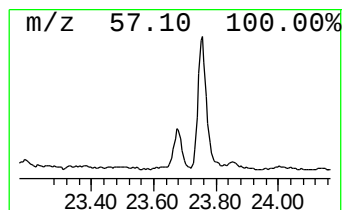
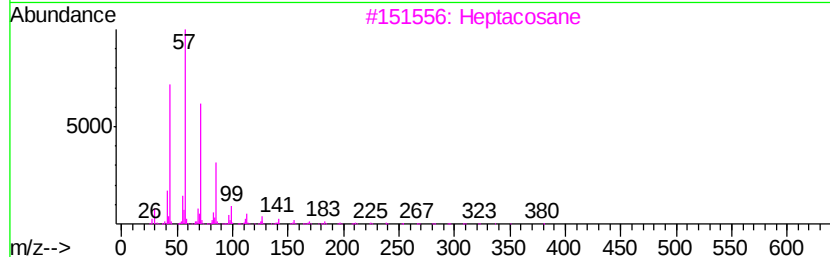
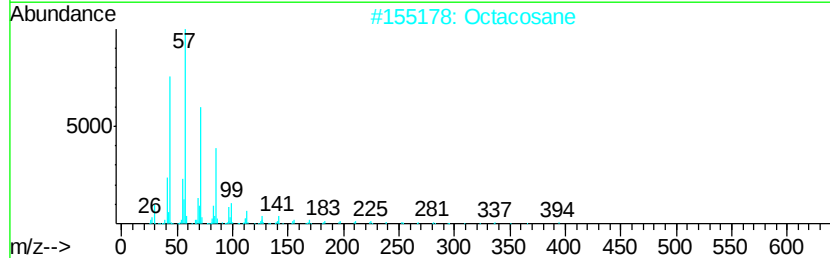
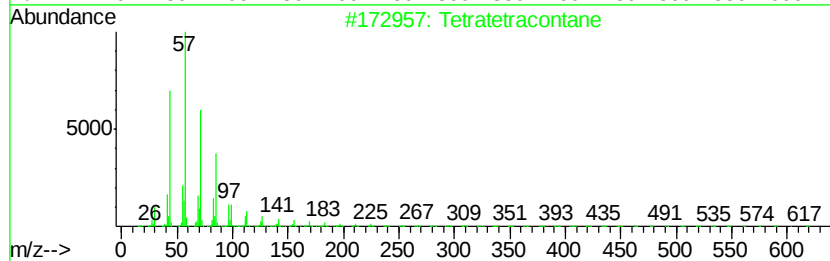
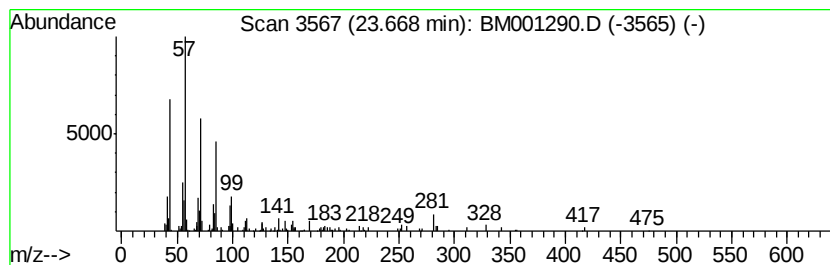
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.67	2.37 ng/ul	257266	Perylene-d12	23.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	87
2		Octacosane	394	C28H58	000630-02-4	83
3		Heptacosane	380	C27H56	000593-49-7	83
4		7-Methyl-octadecane	268	C19H40	1000192-63-3	83
5		Pentacosane	352	C25H52	000629-99-2	80



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051515\
Data File : BM001290.D
Acq On : 14 May 2015 12:40
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ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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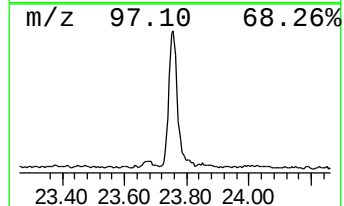
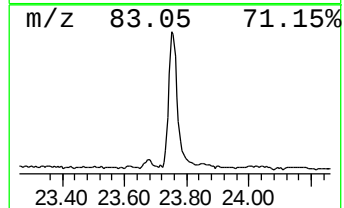
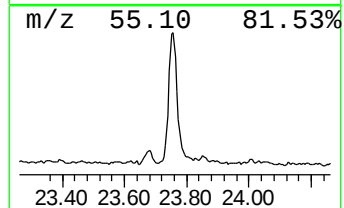
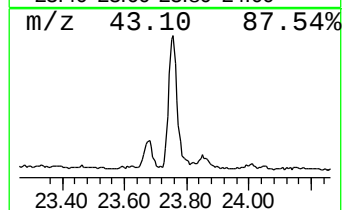
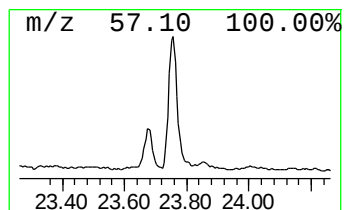
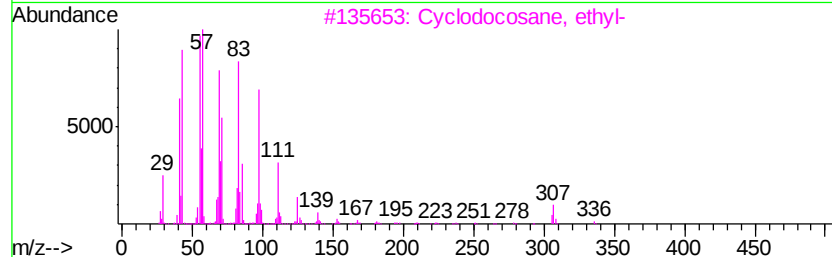
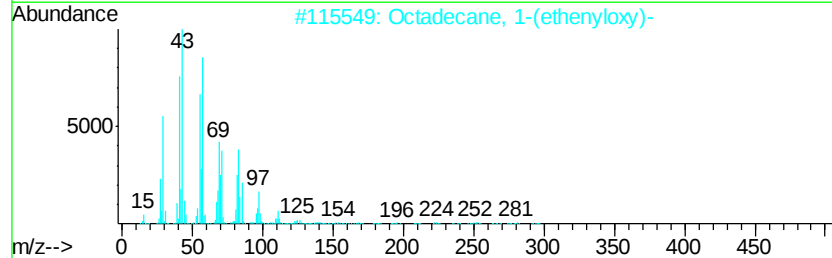
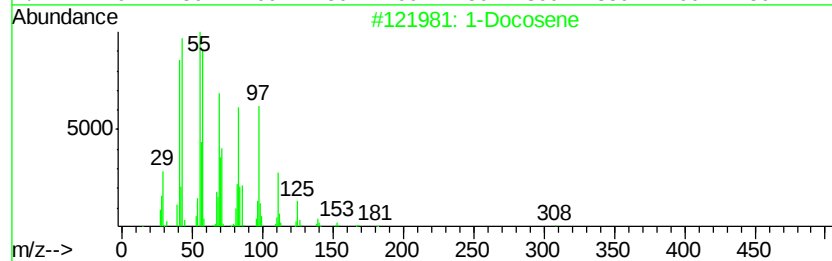
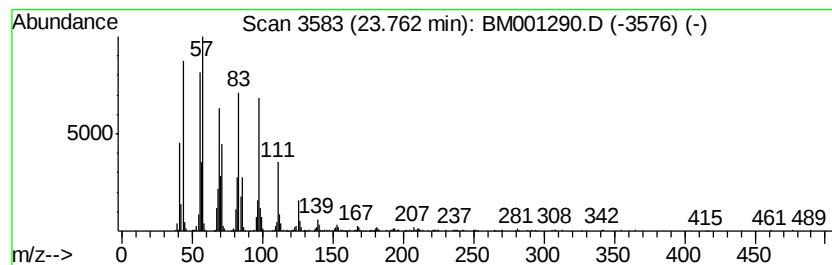
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 (DEL) Alkane: Cyclic-12 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.76	18.96 ng/ul	2054980	Perylene-d12	23.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	96
2		Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	93
3		Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	93
4		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91
5		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051515\
Data File : BM001290.D
Acq On : 14 May 2015 12:40
Operator : TP/IZ
Sample : G2159-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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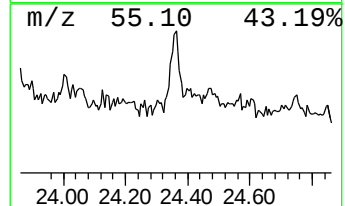
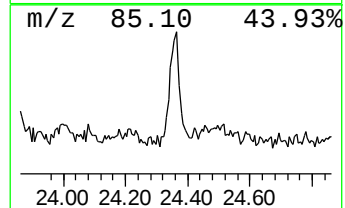
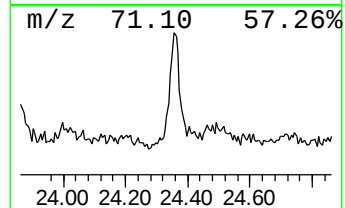
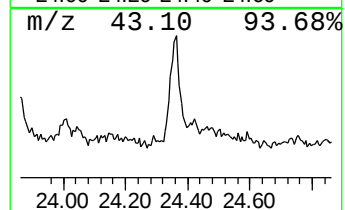
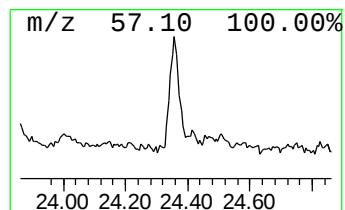
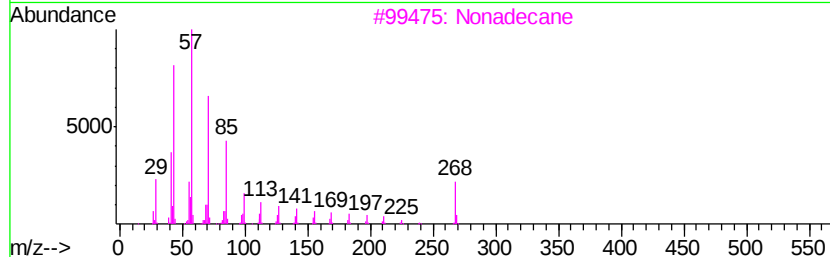
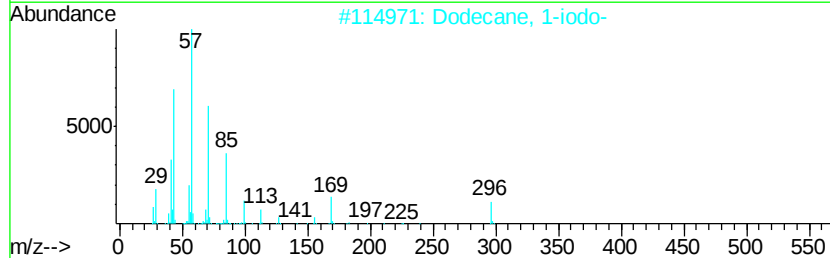
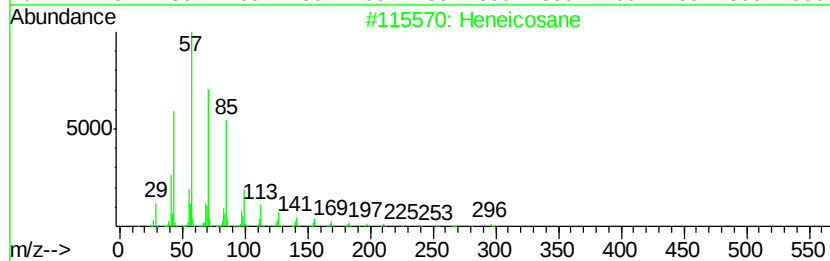
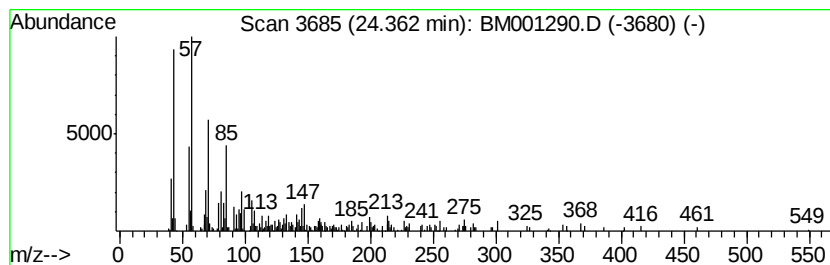
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.36	2.72 ng/ul	294538	Perylene-d12	23.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	83
2		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	60
3		Nonadecane	268	C19H40	000629-92-5	60
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	58
5		Hexadecane, 2-methyl-	240	C17H36	001560-92-5	58



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051515\
Data File : BM001290.D
Acq On : 14 May 2015 12:40
Operator : TP/IZ
Sample : G2159-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
X1R80

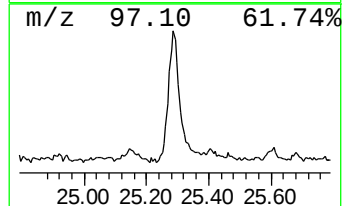
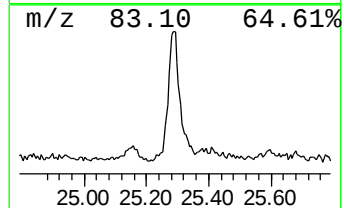
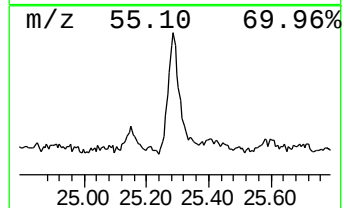
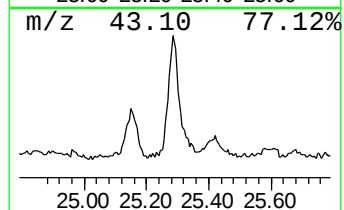
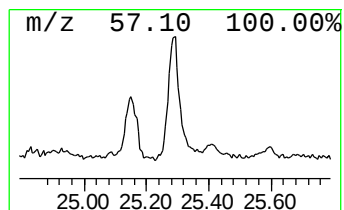
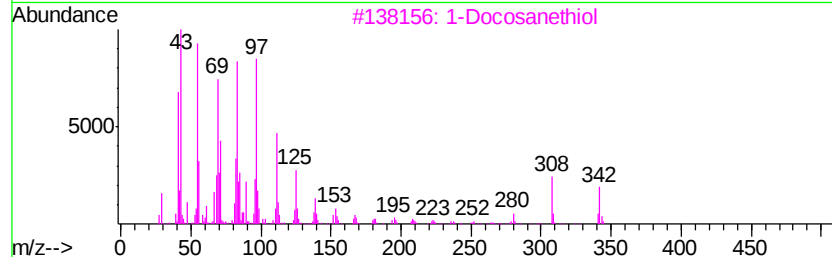
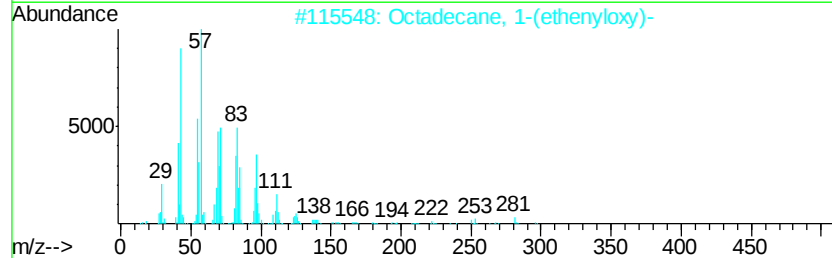
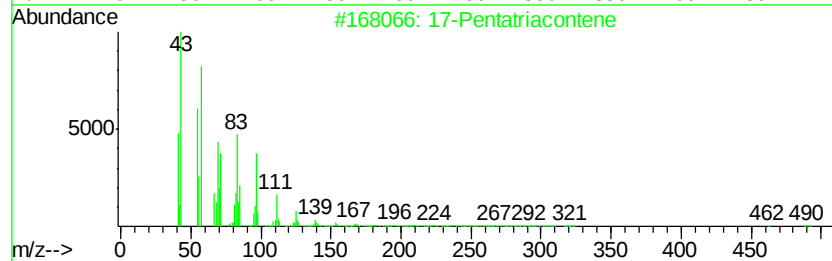
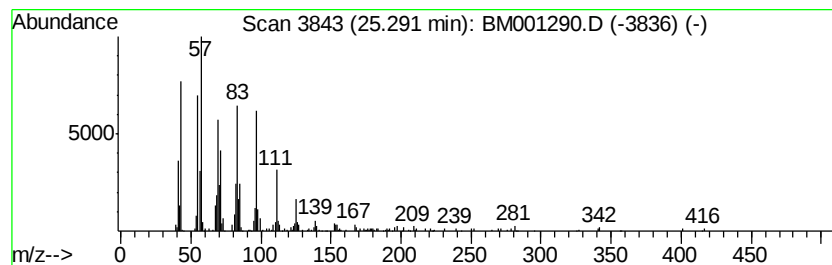
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051515.M
Quant Title : SVOA CALIBRATION

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

Peak Number 25 (DEL) Alkane: Cyclic-14 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.29	6.23 ng/ul	675641	Perylene-d12	23.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	17-Pentatriacontene	491	C35H70	006971-40-0	90
2		Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	89
3		1-Docosanethiol	342	C22H46S	007773-83-3	80
4		1-Triacontanol	438	C30H62O	000593-50-0	80
5		1-Docosanol	326	C22H46O	000661-19-8	76



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051515\
 Data File : BM001290.D
 Acq On : 14 May 2015 12:40
 Operator : TP/IZ
 Sample : G2159-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X1R80

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051515.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
Naphthalene, 1-me...	12.12	13.5	ng/ul	1224570	2	10.22	1814690	20.0
Propanoic acid, 2...	12.45	3.5	ng/ul	339129	3	14.12	1935820	20.0
Propanoic acid, 2...	12.71	8.0	ng/ul	769769	3	14.12	1935820	20.0
Pentanoic acid, 2...	14.93	2.2	ng/ul	214831	3	14.12	1935820	20.0
(DEL) Alkane: Cyc...	14.99	5.6	ng/ul	544829	3	14.12	1935820	20.0
Benzophenone	15.49	2.2	ng/ul	246092	4	16.87	2252240	20.0
(DEL) Alkane: Str...	15.86	3.5	ng/ul	390458	4	16.87	2252240	20.0
(DEL) Alkane: Str...	16.64	4.1	ng/ul	462952	4	16.87	2252240	20.0
(DEL) Alkane: Str...	17.38	2.7	ng/ul	300822	4	16.87	2252240	20.0
unknown-01	17.55	2.8	ng/ul	317851	4	16.87	2252240	20.0
(DEL) Alkane: Cyc...	17.65	2.4	ng/ul	269593	4	16.87	2252240	20.0
n-Hexadecanoic acid	17.79	27.4	ng/ul	3080500	4	16.87	2252240	20.0
(DEL) Alkane: Str...	18.07	3.0	ng/ul	336554	4	16.87	2252240	20.0
(DEL) Alkane: Str...	18.64	21.9	ng/ul	2472350	4	16.87	2252240	20.0
(DEL) Alkane: Cyc...	18.95	2.7	ng/ul	302947	4	16.87	2252240	20.0
Octadecanoic acid	19.07	2.8	ng/ul	760607	5	21.07	5466880	20.0
(DEL) Alkane: Cyc...	20.80	32.6	ng/ul	8924560	5	21.07	5466880	20.0
(DEL) Alkane: Str...	21.67	2.8	ng/ul	752479	5	21.07	5466880	20.0
13-Docosenamide, ...	22.09	2.0	ng/ul	559041	5	21.07	5466880	20.0
Oxirane, heptadecyl-	22.13	2.9	ng/ul	312613	6	23.19	2167550	20.0
2,6,10,14,18,22-T...	22.21	21.5	ng/ul	2328480	6	23.19	2167550	20.0
(DEL) Alkane: Str...	23.67	2.4	ng/ul	257266	6	23.19	2167550	20.0
(DEL) Alkane: Cyc...	23.76	19.0	ng/ul	2054980	6	23.19	2167550	20.0
(DEL) Alkane: Str...	24.36	2.7	ng/ul	294538	6	23.19	2167550	20.0
(DEL) Alkane: Cyc...	25.29	6.2	ng/ul	675641	6	23.19	2167550	20.0