

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042517\
 Data File : BM009708.D
 Acq On : 25 Apr 2017 15:25
 Operator : SJ/MA
 Sample : I2779-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X2933

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 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\SOM-EPA-BM042517.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.340	40	43	54	rVB	138234	197647	2.33%	0.129%
2	4.951	311	317	327	rBV	233199	327874	3.87%	0.213%
3	6.987	656	663	673	rBV	835331	1319300	15.56%	0.858%
4	7.163	685	693	700	rBV	567842	886763	10.46%	0.577%
5	7.251	702	708	717	rVB	894959	1359254	16.04%	0.884%
6	7.357	717	726	728	rBV	754483	1198166	14.14%	0.779%
7	7.387	728	731	739	rVB	1068971	1624120	19.16%	1.056%
8	7.828	799	806	812	rBV	573096	933832	11.02%	0.607%
9	8.351	886	895	901	rBV2	622560	1555625	18.35%	1.012%
10	8.398	901	903	910	rVB3	62774	86003	1.01%	0.056%
11	8.528	917	925	936	rBV	938598	1481559	17.48%	0.964%
12	8.634	936	943	955	rBV	711352	1154211	13.62%	0.751%
13	8.898	980	988	995	rVB	741804	1210447	14.28%	0.787%
14	8.992	995	1004	1008	rBV	792800	1369904	16.16%	0.891%
15	9.034	1008	1011	1017	rVB	915676	1399556	16.51%	0.910%
16	9.710	1118	1126	1134	rBV	669592	1095309	12.92%	0.713%
17	10.033	1172	1181	1191	rBV	871785	1315749	15.52%	0.856%
18	10.245	1209	1217	1218	rBV	1028326	1613110	19.03%	1.049%
19	10.269	1218	1221	1236	rVB	1228333	1938630	22.87%	1.261%
20	10.622	1275	1281	1285	rBV	816796	1378046	16.26%	0.896%
21	10.675	1285	1290	1298	rVB	1133104	1869594	22.06%	1.216%
22	10.769	1298	1306	1317	rBV	851684	1524144	17.98%	0.991%
23	10.939	1327	1335	1342	rVB	780218	1206001	14.23%	0.785%
24	12.504	1594	1601	1613	rVB	1467494	2333965	27.54%	1.518%
25	12.622	1614	1621	1624	rBV	750981	1243704	14.67%	0.809%
26	12.651	1624	1626	1633	rVB	630985	827526	9.76%	0.538%
27	12.898	1659	1668	1674	rBV	2161081	3242224	38.25%	2.109%
28	12.963	1674	1679	1689	rVB	1209944	1885268	22.24%	1.226%
29	13.263	1726	1730	1735	rBV	182673	258195	3.05%	0.168%
30	13.345	1737	1744	1751	rVB	1629069	2391499	28.21%	1.556%
31	13.880	1830	1835	1839	rBV	1805495	2546171	30.04%	1.656%
32	13.927	1839	1843	1849	rVB	2259583	3065004	36.16%	1.994%
33	14.057	1858	1865	1871	rBV	869290	1211642	14.29%	0.788%
34	14.168	1877	1884	1886	rBV	1933948	2996689	35.35%	1.949%

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35	14.192	1886	1888	1896	rVB	1566528	2085528	24.60%	1.357%
36	14.345	1908	1914	1919	rBV2	78089	101843	1.20%	0.066%
37	14.474	1928	1936	1941	rBV3	1346436	2077378	24.51%	1.351%
38	14.539	1941	1947	1954	rVB	1486694	2215972	26.14%	1.441%
39	14.674	1963	1970	1977	rBV	1034102	1567010	18.49%	1.019%
40	14.745	1977	1982	1994	rVV	2101438	2912867	34.37%	1.895%
41	14.868	1994	2003	2013	rVB2	1643216	3414380	40.28%	2.221%
42	15.292	2070	2075	2082	rVB	2122355	2835279	33.45%	1.844%
43	15.468	2099	2105	2109	rBV	2631532	3711756	43.79%	2.415%
44	15.521	2109	2114	2121	rVB2	2647029	4168981	49.18%	2.712%
45	15.598	2121	2127	2136	rBV	971219	1379298	16.27%	0.897%
46	15.704	2138	2145	2149	rVB5	74242	126916	1.50%	0.083%
47	16.162	2218	2223	2233	rBV	192480	342829	4.04%	0.223%
48	16.410	2258	2265	2271	rBV	1541492	2028200	23.93%	1.319%
49	16.521	2277	2284	2289	rBV	1004832	1437523	16.96%	0.935%
50	16.868	2337	2343	2354	rBV	1564630	2226432	26.27%	1.448%
51	16.957	2354	2358	2361	rVV	181582	228373	2.69%	0.149%
52	17.221	2392	2403	2409	rBV2	1890864	2876770	33.94%	1.871%
53	17.321	2413	2420	2423	rVV2	2943946	4435379	52.33%	2.885%
54	17.357	2423	2426	2434	rVB	3905684	5205164	61.41%	3.386%
55	17.633	2465	2473	2479	rBV	3260812	4462716	52.65%	2.903%
56	18.098	2546	2552	2559	rBV	288540	411721	4.86%	0.268%
57	18.180	2560	2566	2575	rVB	2948052	3730313	44.01%	2.427%
58	18.956	2693	2698	2705	rVB4	74299	104151	1.23%	0.068%
59	19.251	2740	2748	2755	rBV3	48217	99872	1.18%	0.065%
60	19.374	2763	2769	2775	rBV4	85128	144315	1.70%	0.094%
61	19.615	2804	2810	2818	rVB2	3747523	5027234	59.31%	3.270%
62	20.533	2961	2966	2974	rVB	4307613	4717290	55.65%	3.069%
63	21.086	3056	3060	3069	rBV	806470	1073895	12.67%	0.699%
64	21.297	3091	3096	3104	rBV	3143661	3448855	40.69%	2.243%
65	21.392	3106	3112	3123	rVV2	4458846	8476144	100.00%	5.514%
66	22.192	3243	3248	3254	rBV	5535106	6544225	77.21%	4.257%
67	22.568	3310	3312	3317	rVB2	102853	133378	1.57%	0.087%
68	23.015	3382	3388	3391	rVV	1359821	2355459	27.79%	1.532%
69	23.062	3391	3396	3405	rVB	3892412	6519311	76.91%	4.241%
70	23.568	3474	3482	3490	rBV2	2413602	4616715	54.47%	3.003%
71	23.715	3500	3507	3519	rVB	1573507	3051308	36.00%	1.985%

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72	24.309	3603	3608	3618	rVB4	153539	346466	4.09%	0.225%
73	26.797	4021	4031	4043	rVB2	989340	3039181	35.86%	1.977%

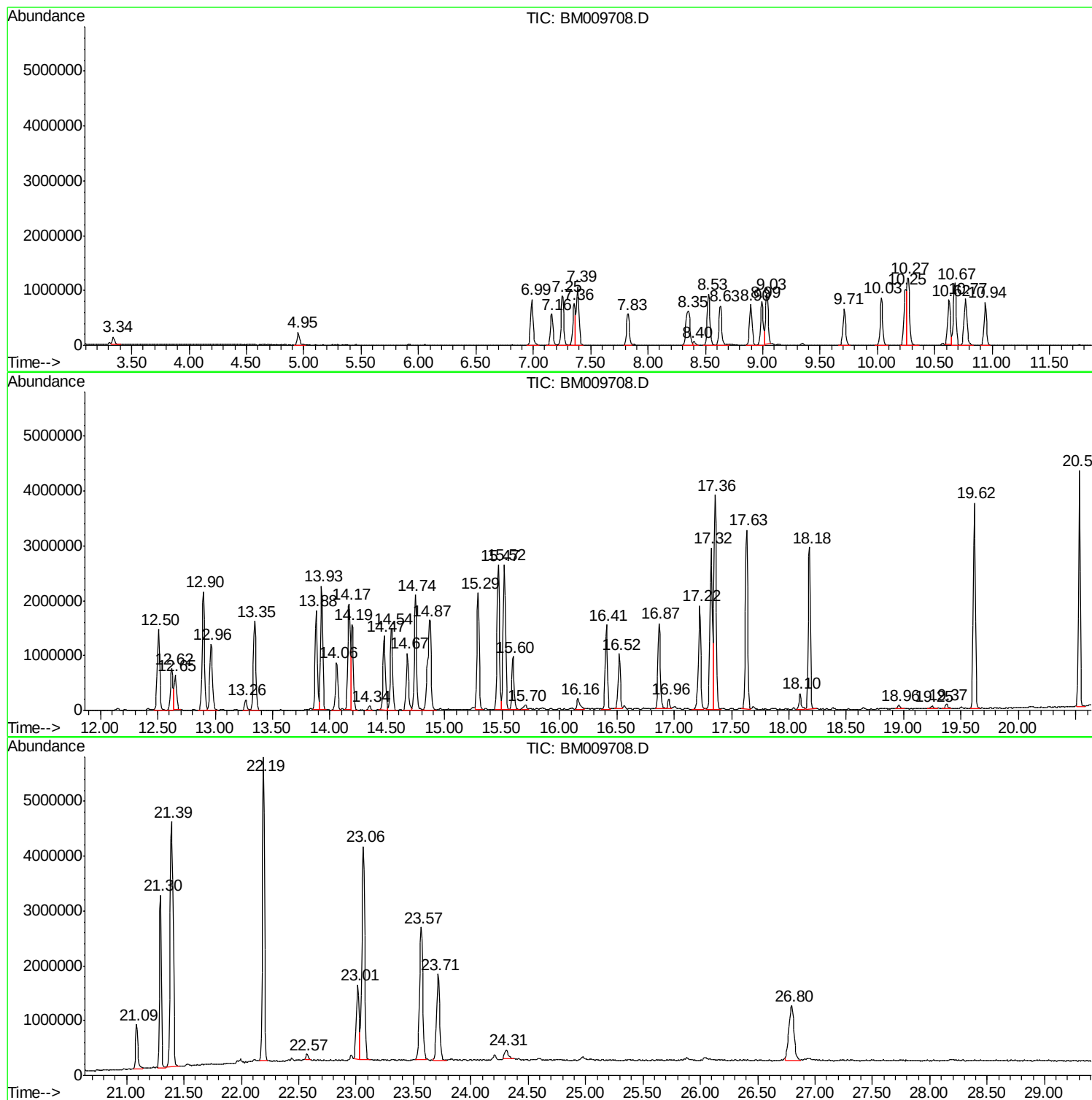
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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



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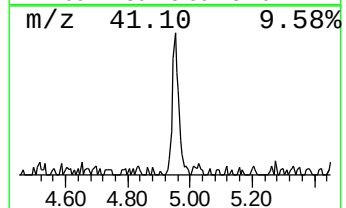
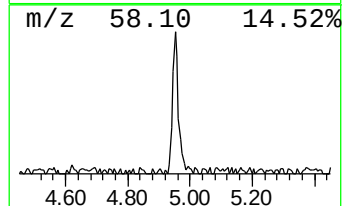
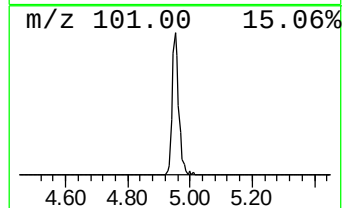
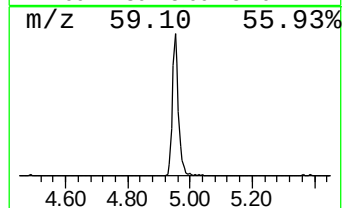
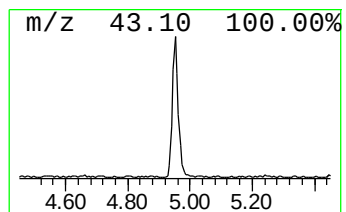
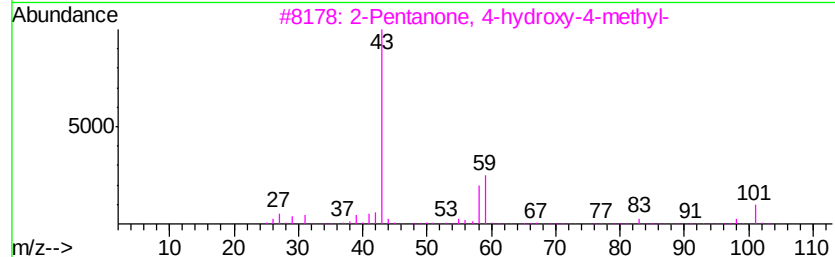
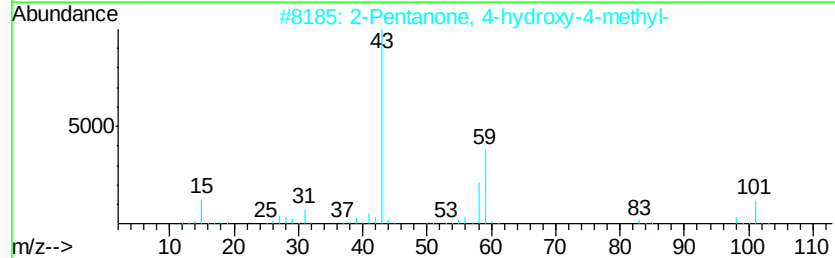
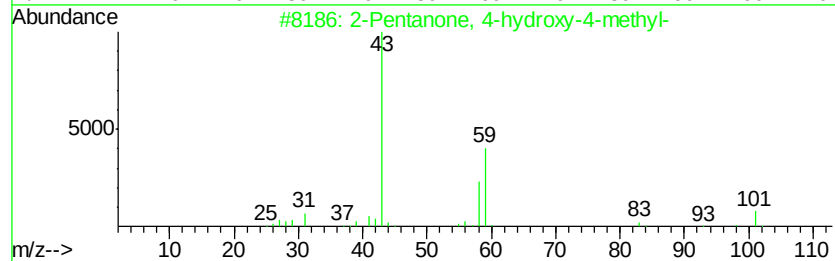
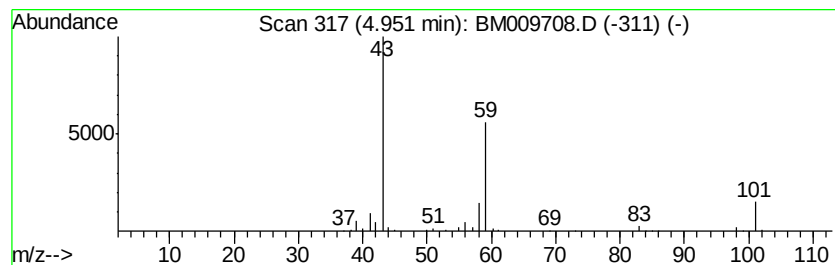
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	7.02 ng/ul	327874	1,4-Dichlorobenzene-d4	7.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
3			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
4			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38
5			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33



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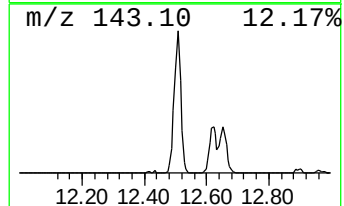
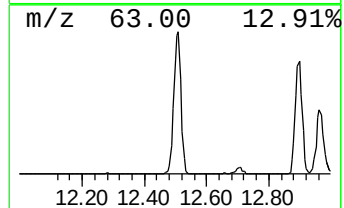
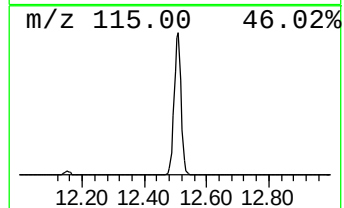
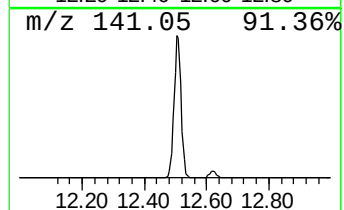
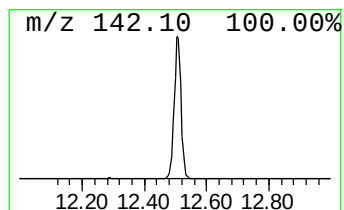
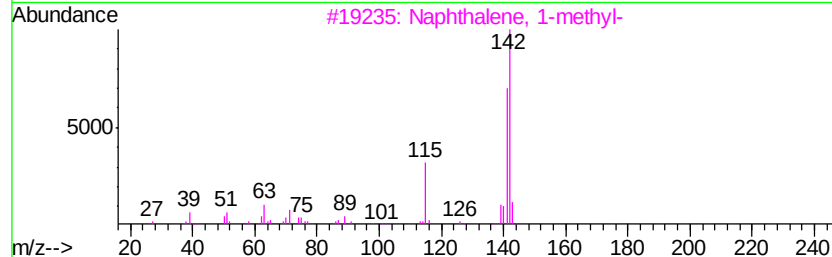
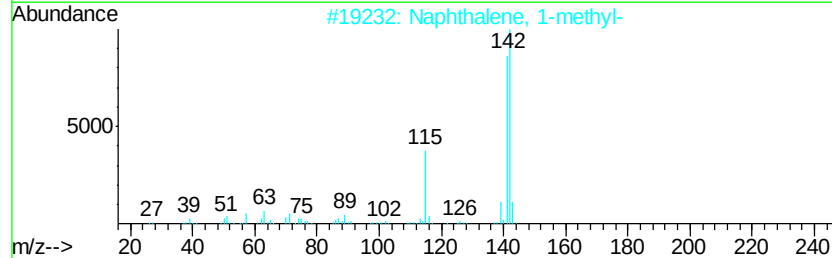
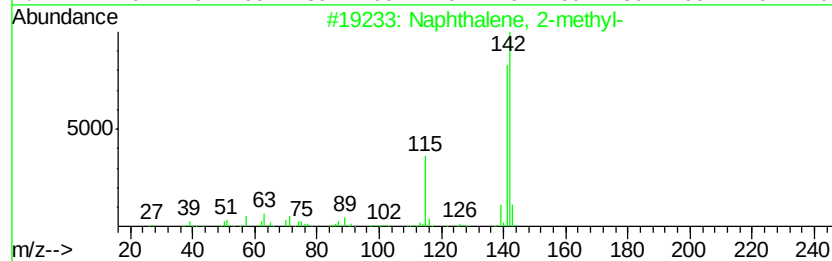
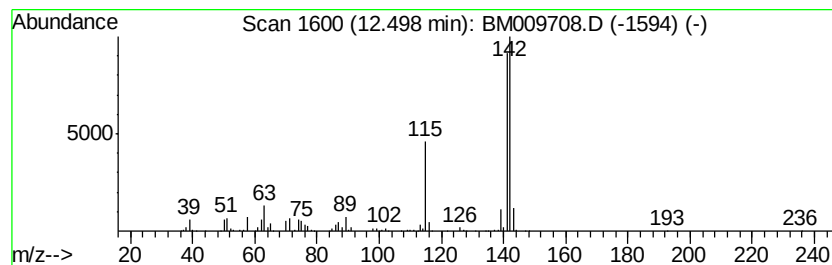
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	33.87 ng/ul	2333970	Naphthalene-d8	10.62
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 97
2		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 96
3		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 94
4		Benzocycloheptatriene	142 C11H10	000264-09-5 94
5		Benzocycloheptatriene	142 C11H10	000264-09-5 91



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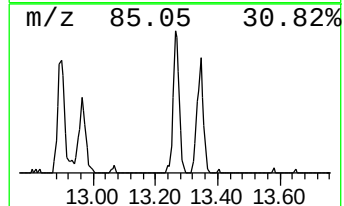
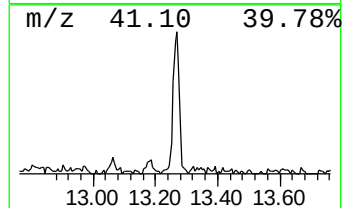
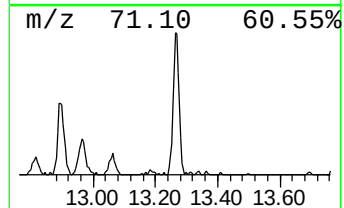
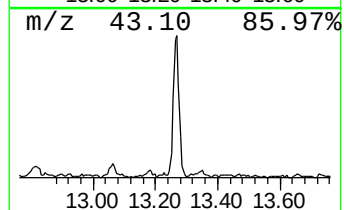
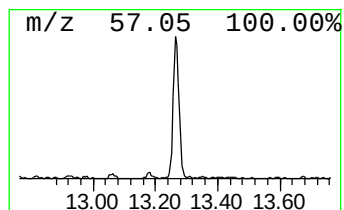
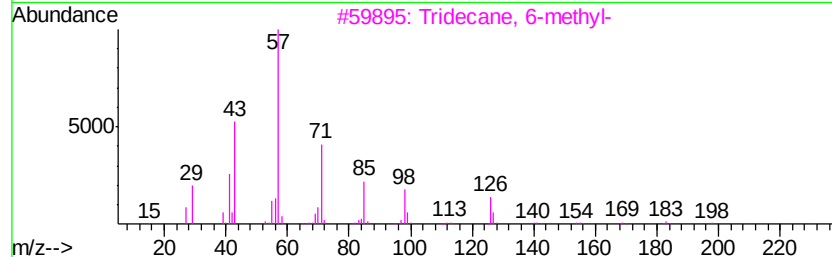
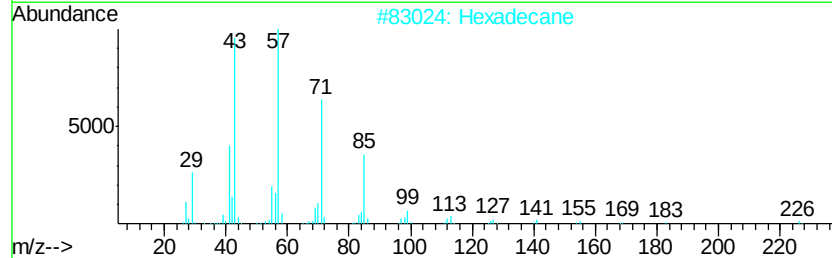
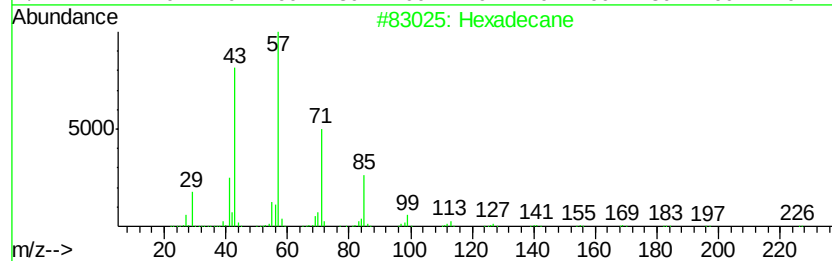
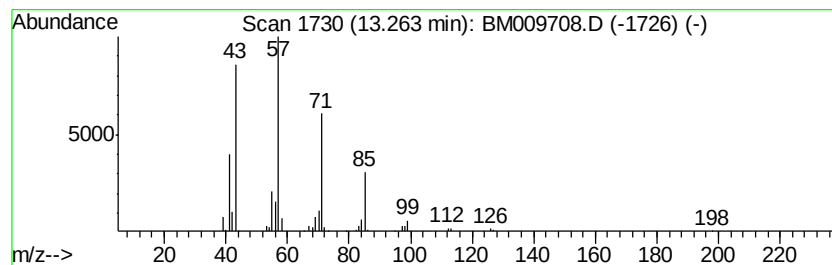
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	2.49 ng/ul	258195	Acenaphthene-d10	14.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		Hexadecane	226	C16H34	000544-76-3	83
3		Tridecane, 6-methyl-	198	C14H30	013287-21-3	81
4		Tetradecane	198	C14H30	000629-59-4	78
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72



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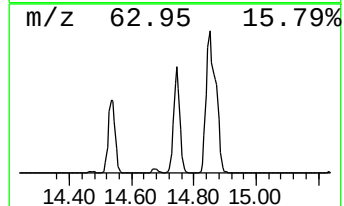
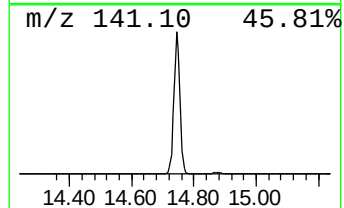
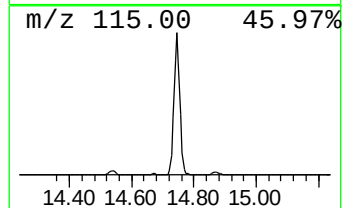
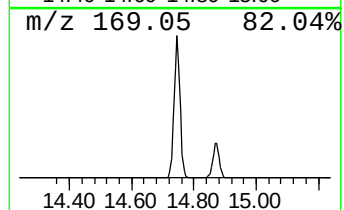
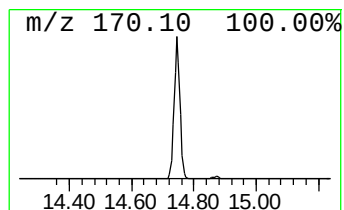
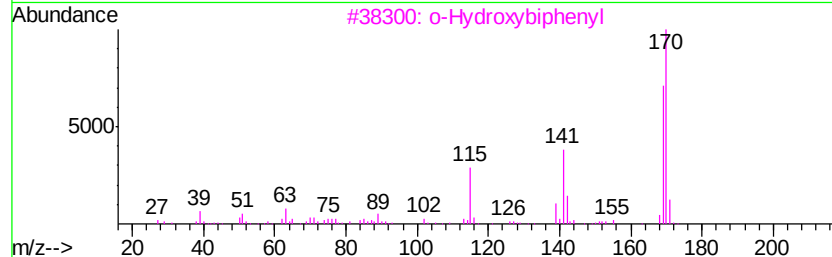
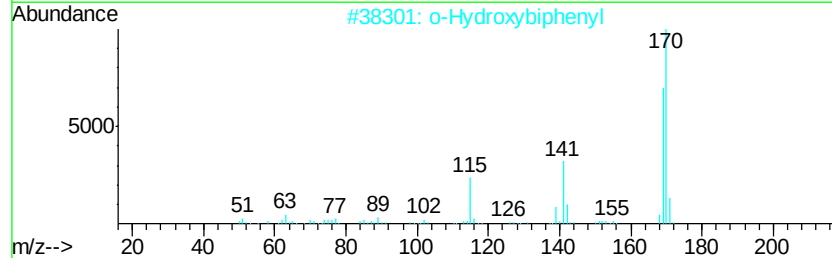
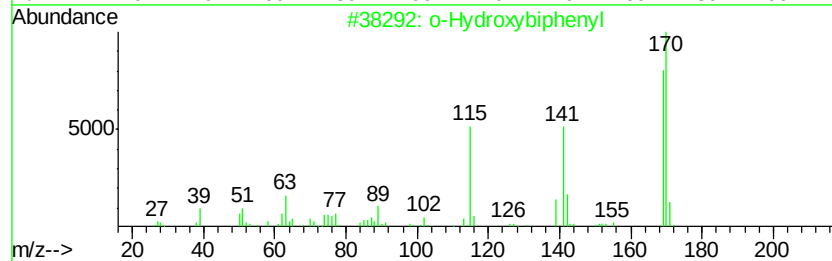
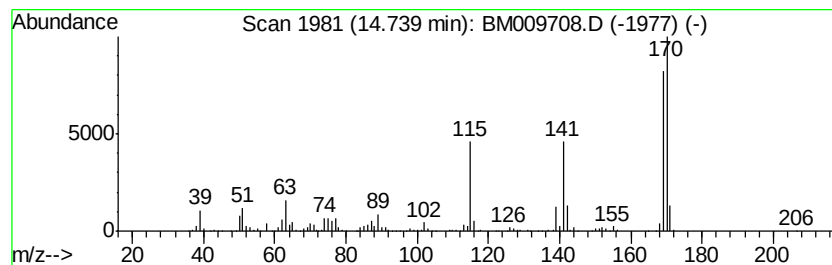
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Peak Number 4 o-Hydroxybiphenyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	28.04 ng/ul	2912870	Acenaphthene-d10	14.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	98
2		o-Hydroxybiphenyl	170	C12H10O	000090-43-7	97
3		o-Hydroxybiphenyl	170	C12H10O	000090-43-7	95
4		o-Hydroxybiphenyl	170	C12H10O	000090-43-7	76
5		3-Hydroxybiphenyl	170	C12H10O	000580-51-8	76



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Data File : BM009708.D
Acq On : 25 Apr 2017 15:25
Operator : SJ/MA
Sample : I2779-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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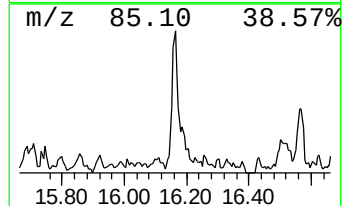
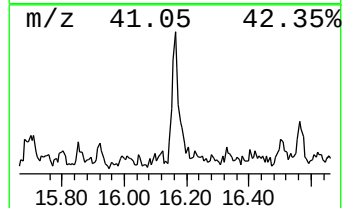
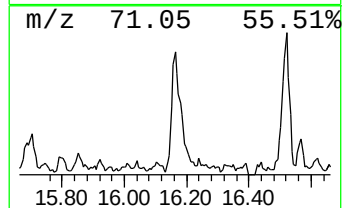
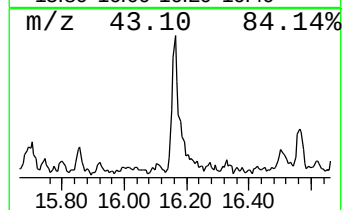
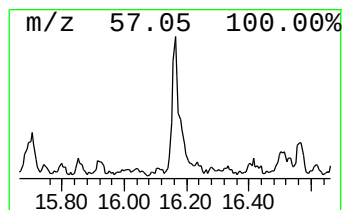
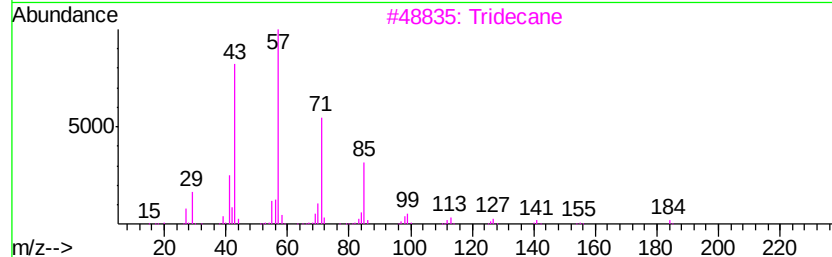
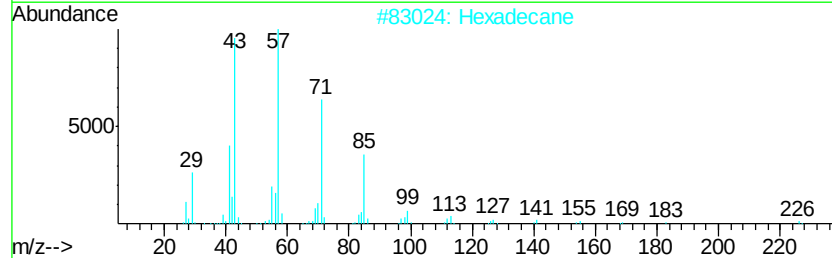
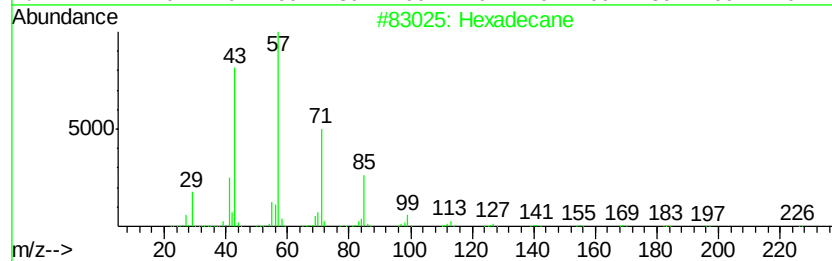
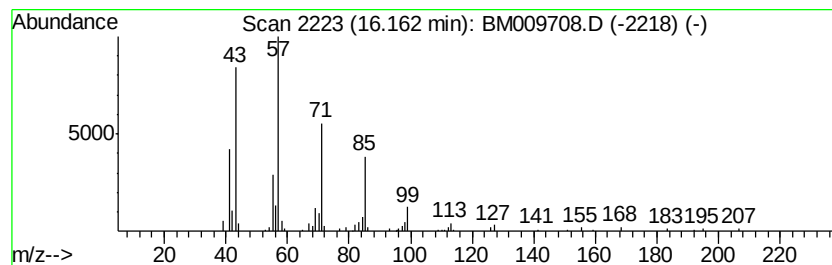
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	2.38 ng/ul	342829	Phenanthrene-d10	17.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Hexadecane	226	C16H34	000544-76-3	86
3		Tridecane	184	C13H28	000629-50-5	86
4		Tetradecane	198	C14H30	000629-59-4	86
5		Pentadecane	212	C15H32	000629-62-9	86



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Acq On : 25 Apr 2017 15:25
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Sample : I2779-07
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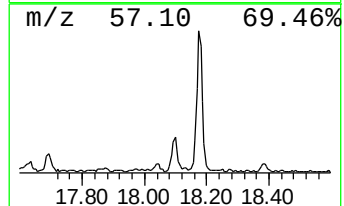
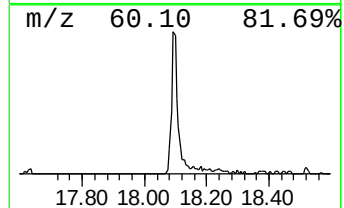
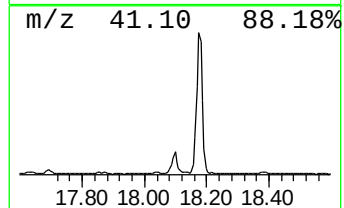
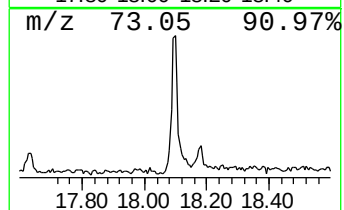
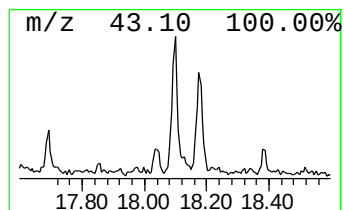
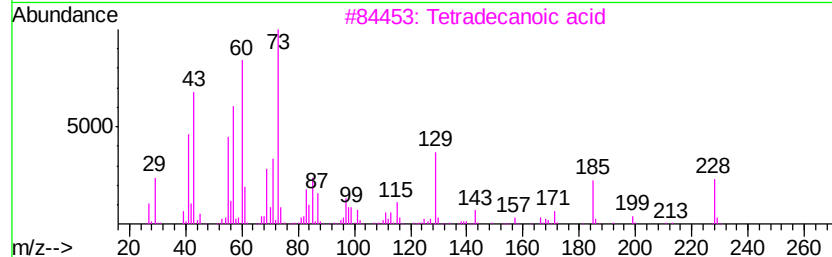
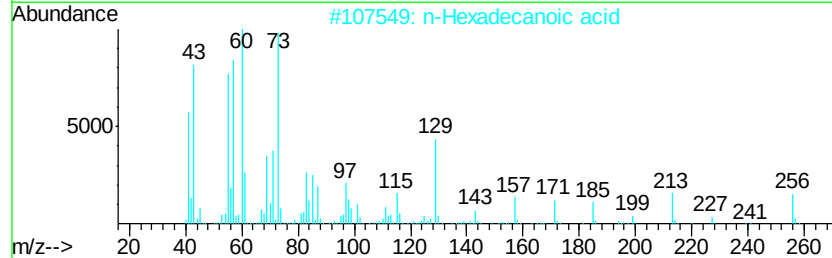
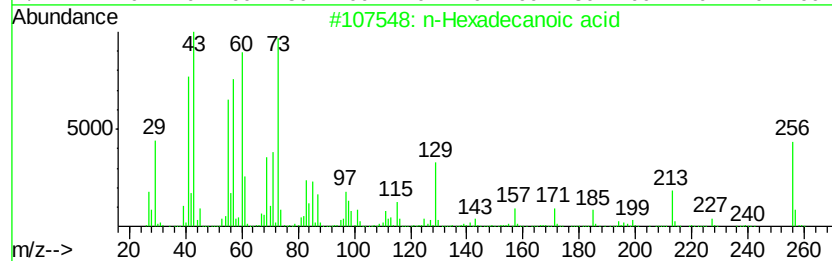
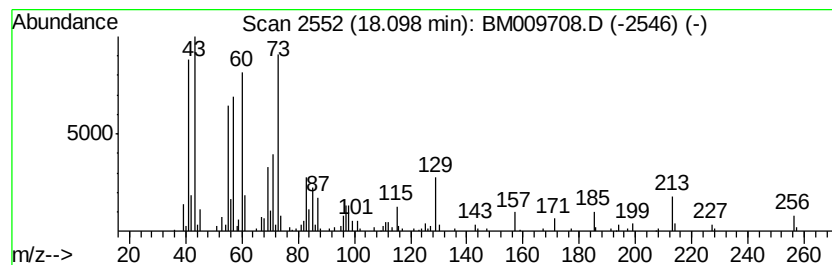
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	2.86 ng/ul	411721	Phenanthrene-d10	17.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	89
5		Tridecanoic acid	214	C13H26O2	000638-53-9	87



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Acq On : 25 Apr 2017 15:25
Operator : SJ/MA
Sample : I2779-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

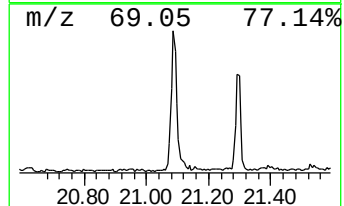
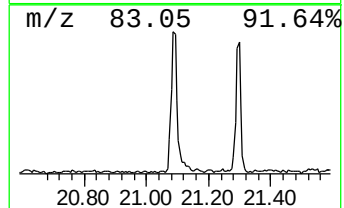
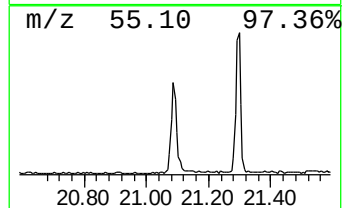
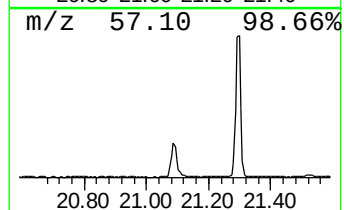
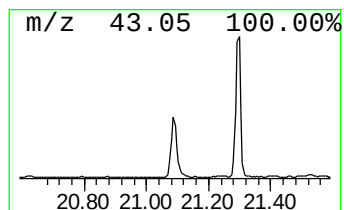
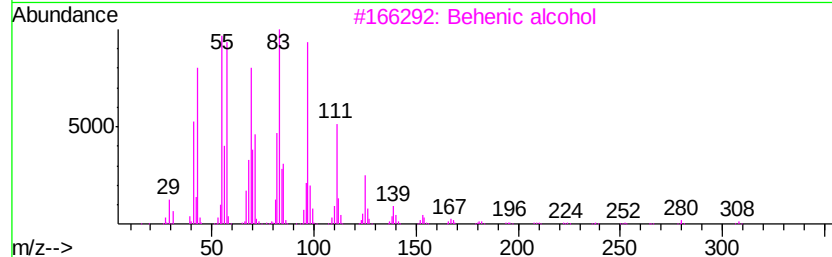
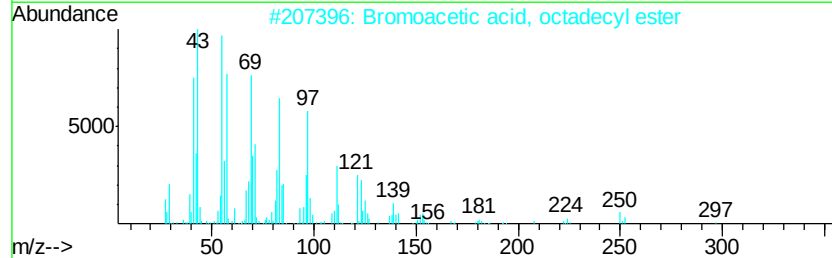
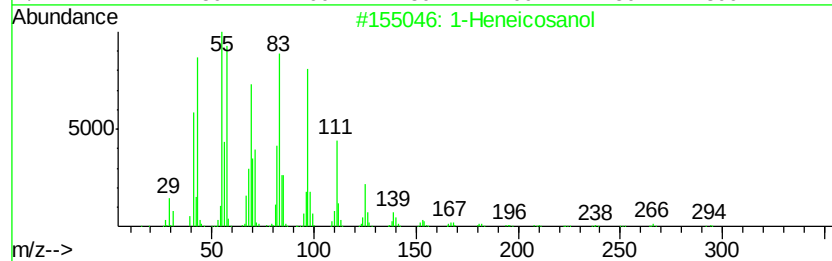
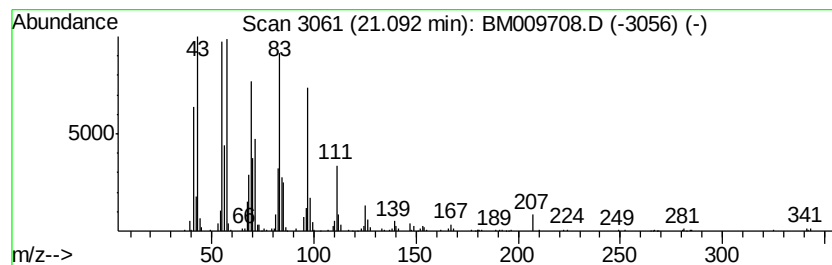
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 1-Heneicosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.09	2.53 ng/ul	1073900	Chrysene-d12	21.40	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	94
2	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	94
3	Behenic alcohol	326	C22H46O	000661-19-8	91
4	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	91



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Sample : I2779-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

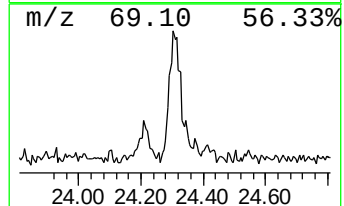
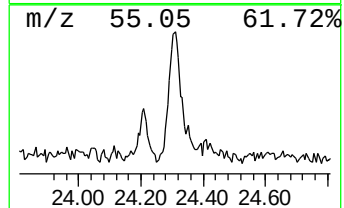
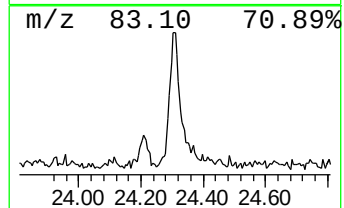
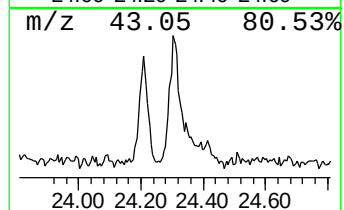
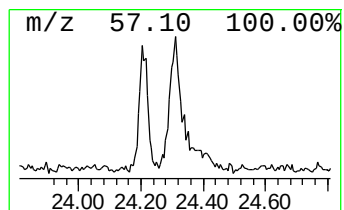
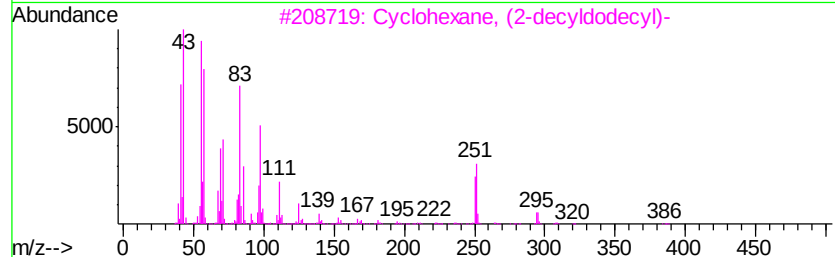
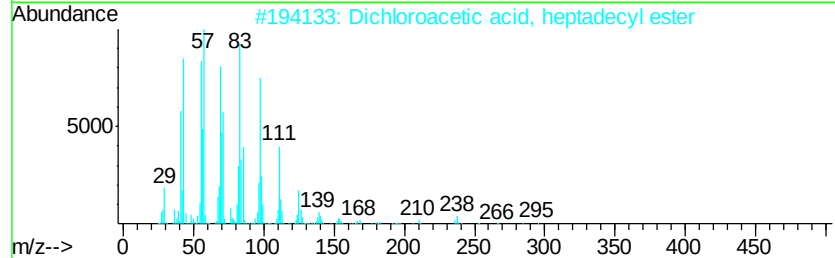
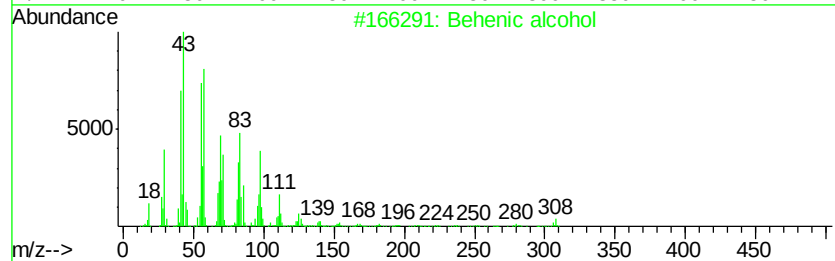
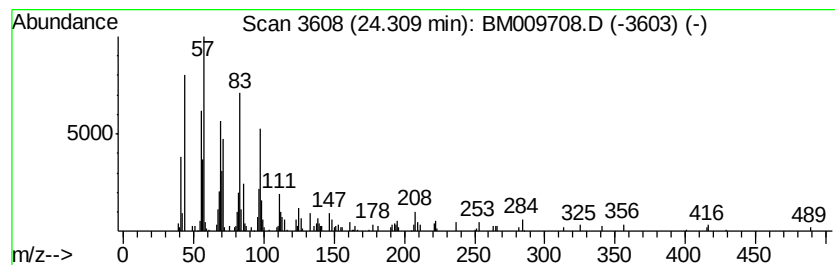
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Behenic alcohol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
24.31	2.27 ng/ul	346466	Perylene-d12	23.71		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Behenic alcohol	326	C22H46O	000661-19-8	87
2		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	87
3		Cyclohexane, (2-decyldodecyl)-	392	C28H56	006704-00-3	86
4		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	72
5		1-Docosene	308	C22H44	001599-67-3	68



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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.95	7.0	ng/ul	327874	1	7.83	933832	20.0
Naphthalene, 1-me...	12.50	33.9	ng/ul	2333970	2	10.62	1378050	20.0
(DEL) Alkane: Str...	13.26	2.5	ng/ul	258195	3	14.47	2077380	20.0
o-Hydroxybiphenyl	14.74	28.0	ng/ul	2912870	3	14.47	2077380	20.0
(DEL) Alkane: Str...	16.16	2.4	ng/ul	342829	4	17.22	2876770	20.0
n-Hexadecanoic acid	18.10	2.9	ng/ul	411721	4	17.22	2876770	20.0
1-Heneicosanol	21.09	2.5	ng/ul	1073900	5	21.40	8476140	20.0
Behenic alcohol	24.31	2.3	ng/ul	346466	6	23.71	3051310	20.0