

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
 Data File : BM000977.D
 Acq On : 14 Apr 2015 08:41
 Operator : TP/IZ
 Sample : G1858-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SD001-0006-01

Integration Parameters: LSCINT.P

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

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

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

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.740	3	9	19	rBV	7837348	13962201	100.00%	22.676%
2	2.816	19	22	28	rVB	349047	452037	3.24%	0.734%
3	3.358	111	114	120	rVB4	14800	25238	0.18%	0.041%
4	3.593	151	154	157	rBV	38485	43899	0.31%	0.071%
5	3.628	157	160	164	rVB2	30330	37601	0.27%	0.061%
6	4.728	339	347	350	rBV5	10538	22322	0.16%	0.036%
7	4.969	385	388	393	rBV4	13195	17622	0.13%	0.029%
8	5.828	528	534	537	rBV7	10190	14250	0.10%	0.023%
9	6.781	689	696	707	rBV	795609	1311091	9.39%	2.129%
10	6.940	717	723	735	rBV	623593	936850	6.71%	1.522%
11	7.134	750	756	766	rBV	793649	1226992	8.79%	1.993%
12	7.228	768	772	781	rVB	33760	52319	0.37%	0.085%
13	7.604	829	836	843	rBV	661876	1057670	7.58%	1.718%
14	8.316	950	957	972	rBV	827545	1348624	9.66%	2.190%
15	8.757	1025	1032	1040	rBV	714993	1136442	8.14%	1.846%
16	9.175	1100	1103	1110	rVB2	12431	18702	0.13%	0.030%
17	9.475	1146	1154	1165	rBV	567850	949243	6.80%	1.542%
18	10.010	1238	1245	1256	rBV	896424	1438342	10.30%	2.336%
19	10.387	1302	1309	1316	rBV	891854	1474942	10.56%	2.395%
20	10.528	1325	1333	1345	rBV	780252	1355290	9.71%	2.201%
21	11.710	1528	1534	1541	rBV	135844	210238	1.51%	0.341%
22	11.980	1573	1580	1589	rVB3	17213	33914	0.24%	0.055%
23	12.604	1680	1686	1695	rBV3	31354	57997	0.42%	0.094%
24	12.857	1724	1729	1734	rBV	41965	57895	0.41%	0.094%
25	13.669	1861	1867	1872	rBV	1371051	2001928	14.34%	3.251%
26	13.716	1872	1875	1886	rVB	259023	365917	2.62%	0.594%
27	13.945	1905	1914	1924	rBV	1680901	2465260	17.66%	4.004%
28	14.163	1945	1951	1957	rBV3	23510	37982	0.27%	0.062%
29	14.257	1961	1967	1976	rVV2	1228712	1856677	13.30%	3.015%
30	14.469	1997	2003	2012	rBV	488850	794750	5.69%	1.291%
31	14.533	2012	2014	2019	rVB2	21935	28979	0.21%	0.047%
32	15.033	2094	2099	2106	rBV2	18693	32756	0.23%	0.053%
33	15.121	2109	2114	2117	rVB5	15788	20234	0.14%	0.033%
34	15.257	2130	2137	2144	rBV	2134737	2979647	21.34%	4.839%

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35	15.380	2152	2158	2166	rBV	547962	738112	5.29%	1.199%
36	15.492	2174	2177	2181	rBV3	21854	28669	0.21%	0.047%
37	15.621	2193	2199	2206	rBV	667580	892925	6.40%	1.450%
38	15.980	2256	2260	2266	rVB5	10608	15430	0.11%	0.025%
39	16.151	2282	2289	2293	rBV9	5325	13988	0.10%	0.023%
40	17.004	2428	2434	2440	rBV	1525171	2127739	15.24%	3.456%
41	17.045	2440	2441	2444	rVV	26989	23882	0.17%	0.039%
42	17.104	2444	2451	2461	rVB	2180150	3065905	21.96%	4.979%
43	17.204	2466	2468	2472	rVB4	20996	23416	0.17%	0.038%
44	17.792	2561	2568	2573	rBV9	6612	17003	0.12%	0.028%
45	17.910	2582	2588	2598	rBV	291590	477113	3.42%	0.775%
46	18.198	2633	2637	2640	rBV5	8970	14934	0.11%	0.024%
47	18.339	2657	2661	2667	rBV6	7702	15011	0.11%	0.024%
48	18.833	2743	2745	2751	rVB6	11309	14011	0.10%	0.023%
49	19.039	2775	2780	2782	rBV3	31055	46173	0.33%	0.075%
50	19.068	2782	2785	2788	rVV	57927	82921	0.59%	0.135%
51	19.104	2788	2791	2795	rVB3	37412	41916	0.30%	0.068%
52	19.198	2802	2807	2817	rBV4	85234	175412	1.26%	0.285%
53	19.292	2819	2823	2828	rVV2	24007	40811	0.29%	0.066%
54	19.345	2828	2832	2835	rVV2	98186	115410	0.83%	0.187%
55	19.404	2836	2842	2849	rVV	2596496	3452013	24.72%	5.606%
56	19.462	2849	2852	2857	rVB3	45073	51656	0.37%	0.084%
57	19.927	2927	2931	2934	rBV4	36312	56162	0.40%	0.091%
58	19.956	2934	2936	2940	rVB2	33460	38604	0.28%	0.063%
59	20.186	2973	2975	2979	rVB5	24270	21779	0.16%	0.035%
60	20.339	2998	3001	3005	rVB4	28524	37558	0.27%	0.061%
61	20.392	3006	3010	3016	rBV	82176	111129	0.80%	0.180%
62	20.456	3017	3021	3024	rVB3	60503	71341	0.51%	0.116%
63	20.915	3094	3099	3110	rBV	2168855	2557452	18.32%	4.154%
64	21.198	3142	3147	3157	rBV	1877534	2475698	17.73%	4.021%
65	21.315	3164	3167	3171	rBV3	112896	145355	1.04%	0.236%
66	21.356	3171	3174	3179	rVB3	100330	119643	0.86%	0.194%
67	21.792	3243	3248	3257	rBV4	126229	326256	2.34%	0.530%
68	22.221	3318	3321	3325	rVB	58059	77554	0.56%	0.126%
69	22.715	3402	3405	3409	rBV3	53842	73073	0.52%	0.119%
70	23.239	3488	3494	3506	rBV2	1613530	2991642	21.43%	4.859%
71	23.380	3511	3518	3526	rBV	1307482	2304400	16.50%	3.743%

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72	23.956	3611	3616	3626	rBV	345827	681280	4.88%	1.106%
73	25.568	3885	3890	3897	rVB4	79510	182900	1.31%	0.297%

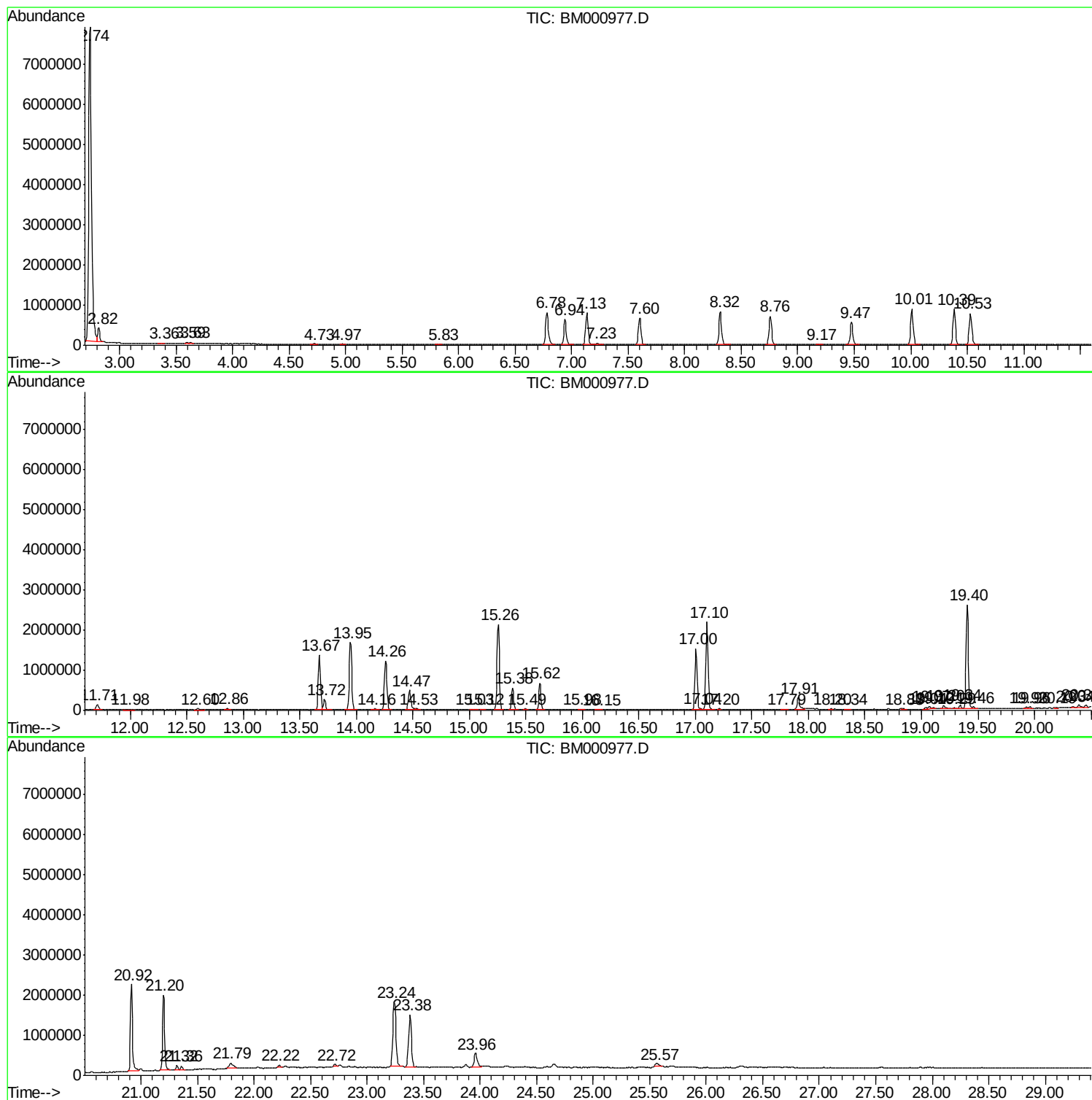
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM041415.M
Quant Title : SVOA CALIBRATION

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



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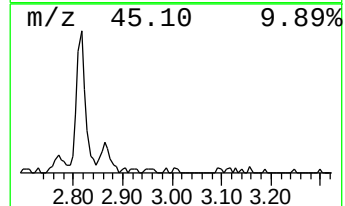
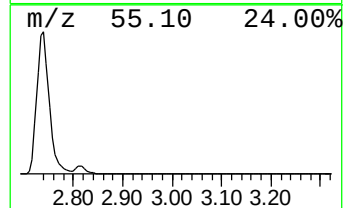
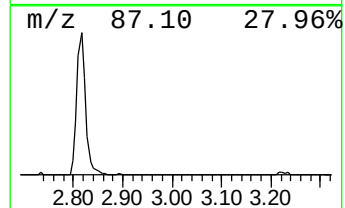
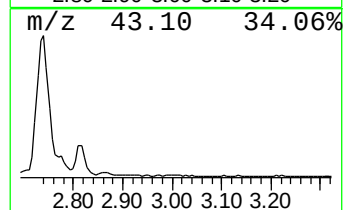
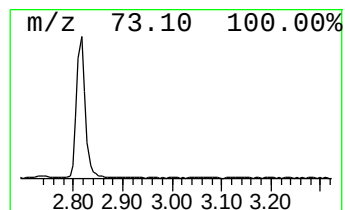
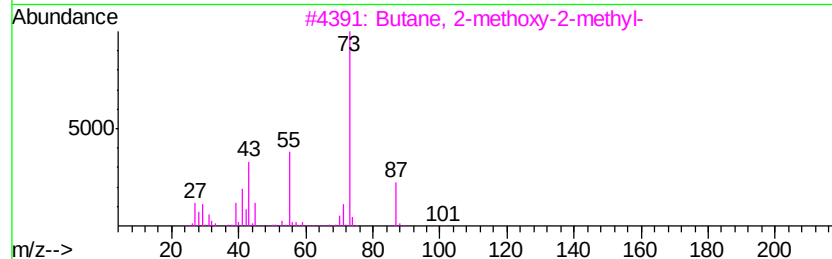
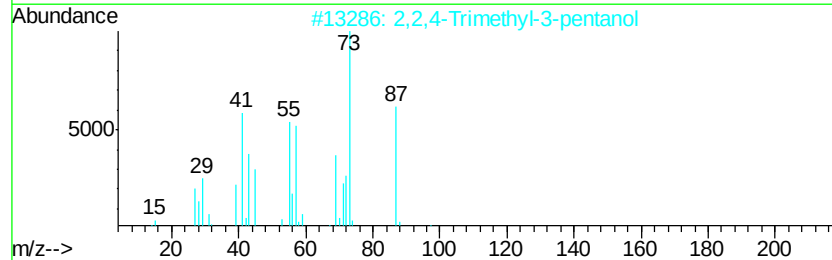
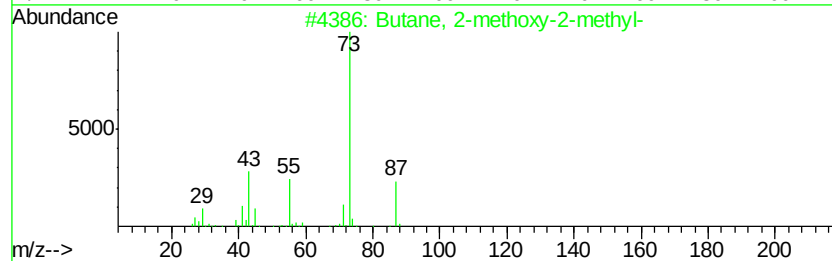
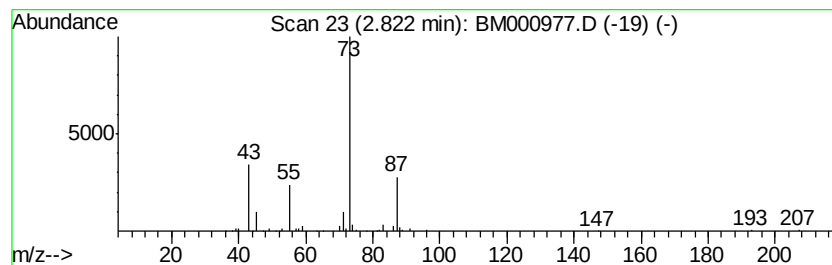
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM041415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.82	8.55 ng/ul	452037	1,4-Dichlorobenzene-d4	7.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	64
3		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
4		1,3-Dioxolane, 2-(6-heptynyl)-	168	C10H16O2	025595-82-8	17
5		Myo-Inositol, 2-C-methyl-	194	C7H14O6	000472-96-8	9



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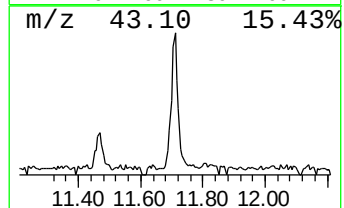
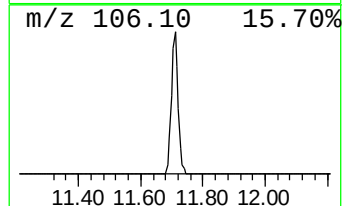
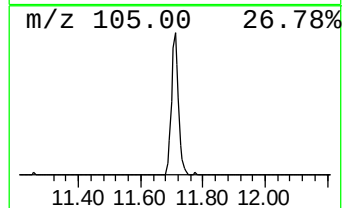
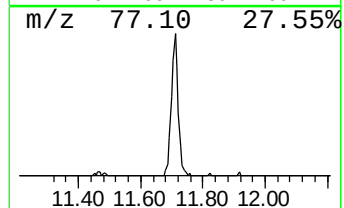
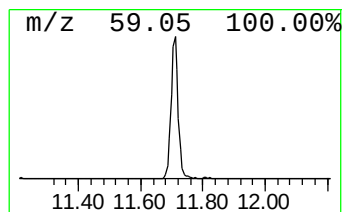
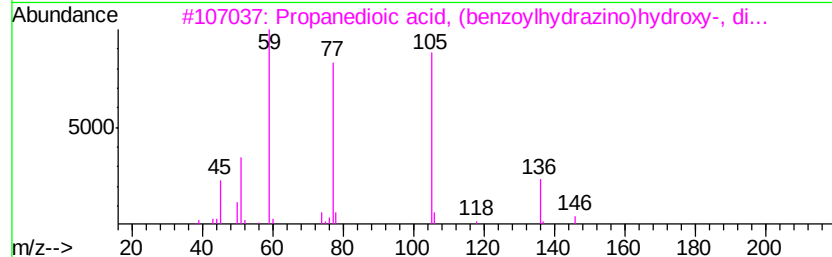
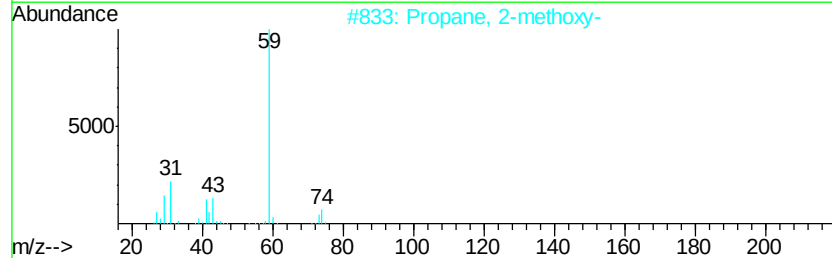
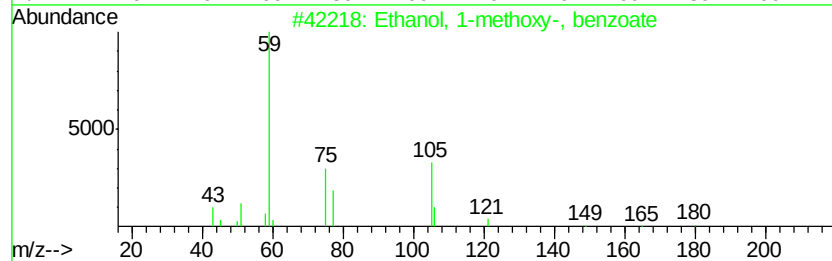
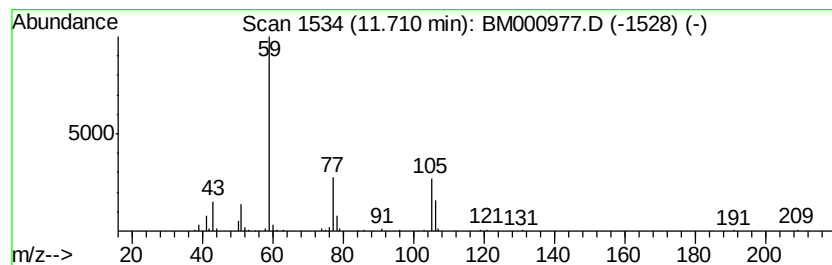
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM041415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Ethanol, 1-methoxy-, benzoate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	2.85 ng/ul	210238	Naphthalene-d8	10.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 1-methoxy-, benzoate	180	C10H12O3	051835-44-0	56
2		Propane, 2-methoxy-	74	C4H10O	000598-53-8	9
3		Propanedioic acid, (benzoylhydra...	282	C12H14N2O6	1000142-99-9	9
4		Propionic acid, 2-isopropoxy-, m...	146	C7H14O3	1000151-15-1	9
5		Propanoic acid, 2-hydroxy-2-meth...	118	C5H10O3	002110-78-3	9



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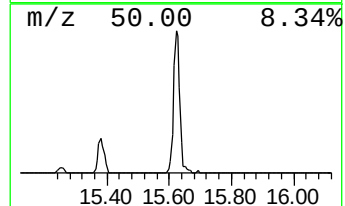
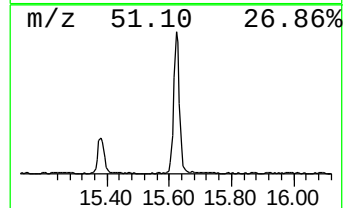
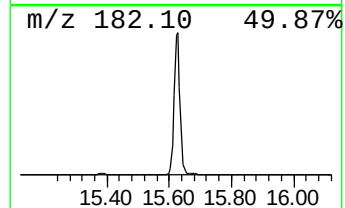
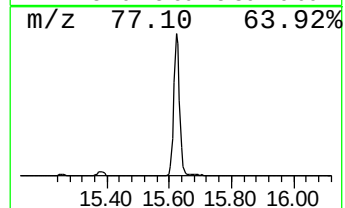
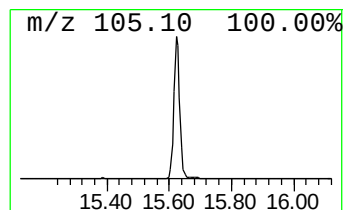
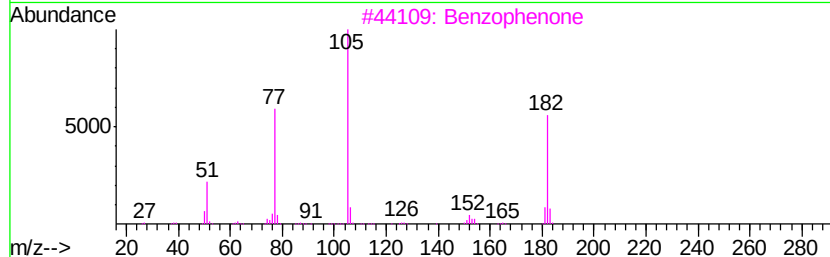
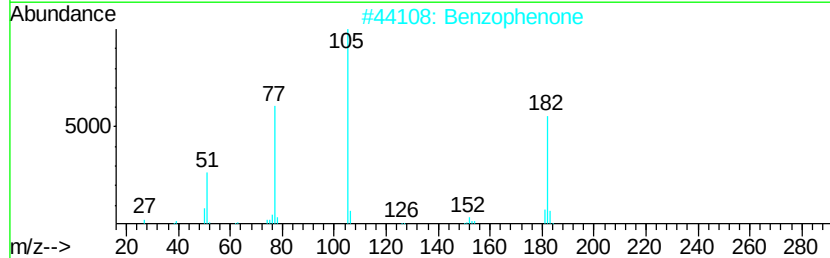
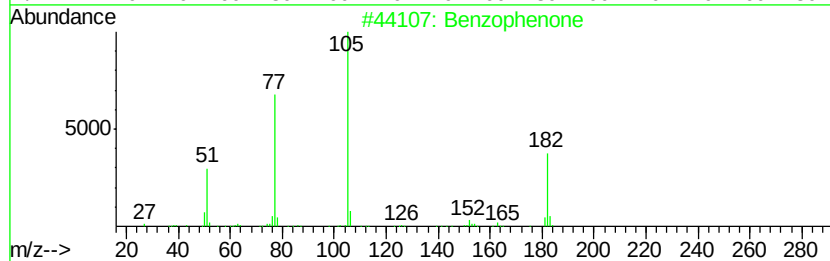
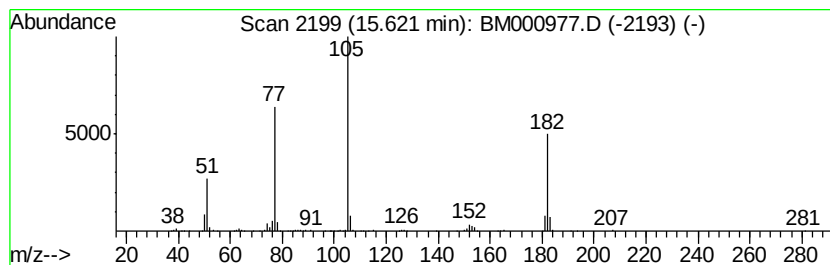
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	9.62 ng/ul	892925	Acenaphthene-d10	14.26

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone		182	C13H10O	000119-61-9	97
2	Benzophenone		182	C13H10O	000119-61-9	96
3	Benzophenone		182	C13H10O	000119-61-9	95
4	Benzophenone		182	C13H10O	000119-61-9	94
5	Benzophenone		182	C13H10O	000119-61-9	93



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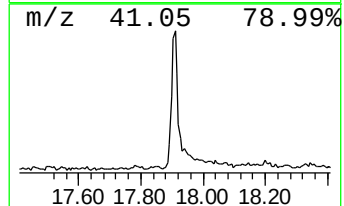
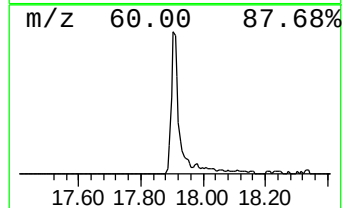
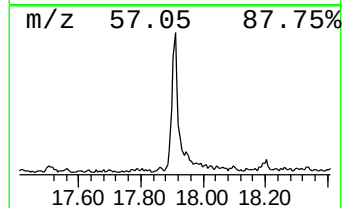
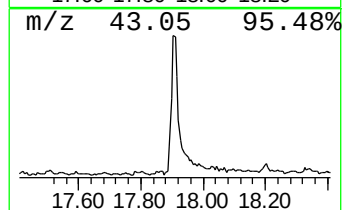
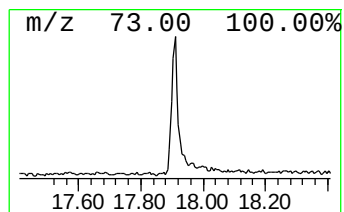
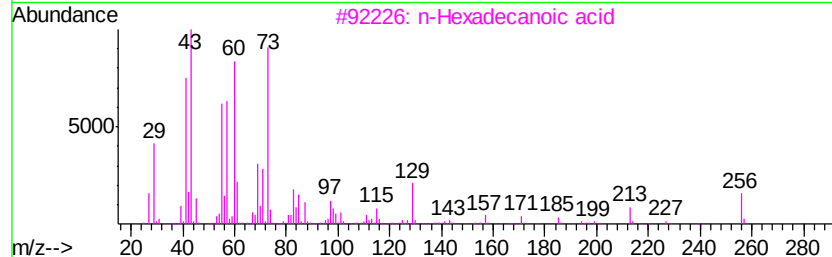
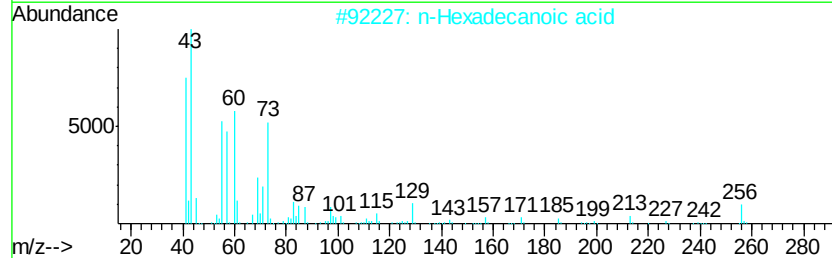
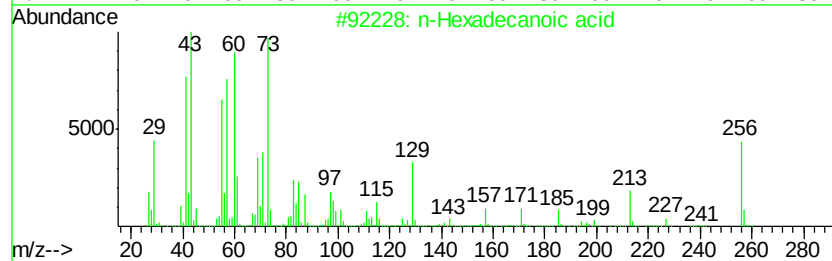
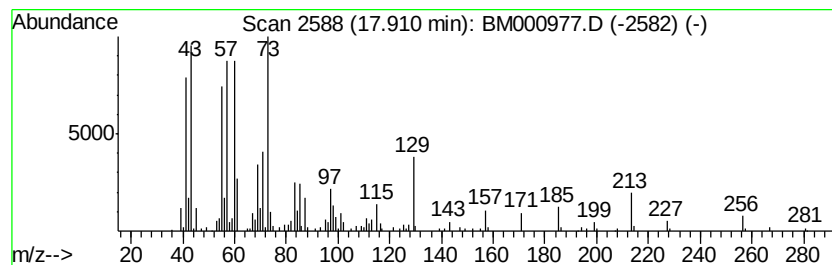
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TIC Integration Parameters: LSCINT.P

Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	4.48 ng/ul	477113	Phenanthrene-d10	17.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	80
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	76



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
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Acq On : 14 Apr 2015 08:41
Operator : TP/IZ
Sample : G1858-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

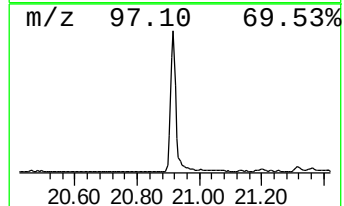
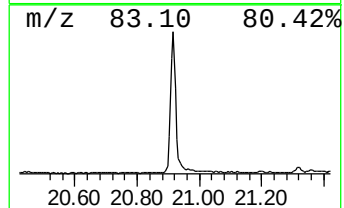
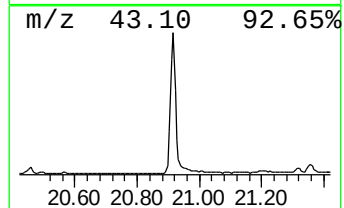
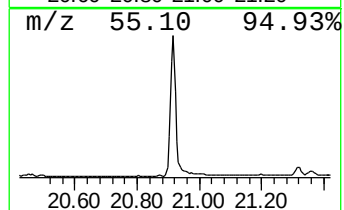
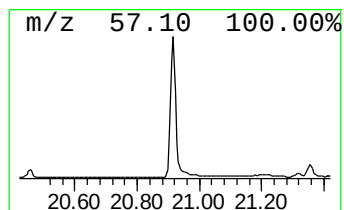
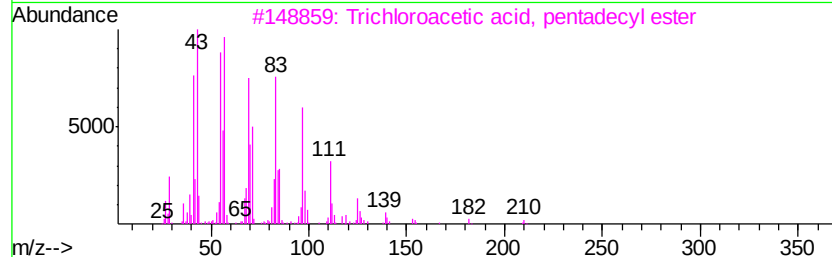
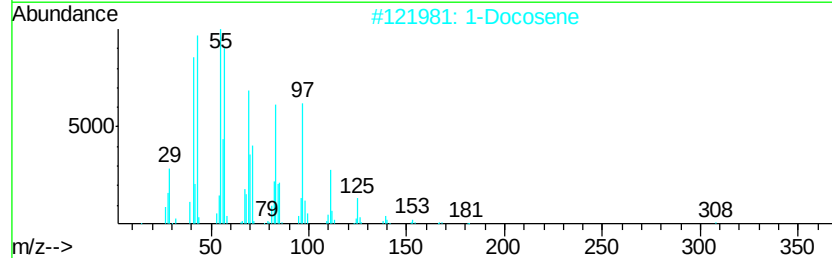
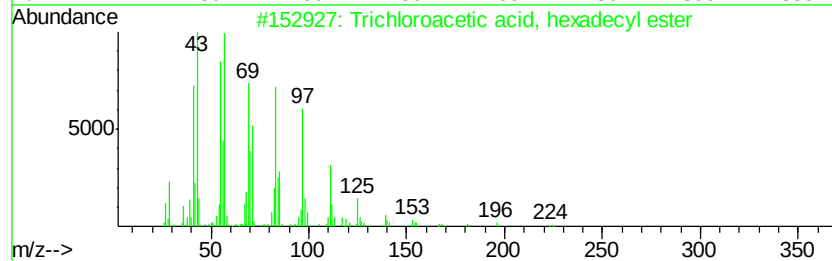
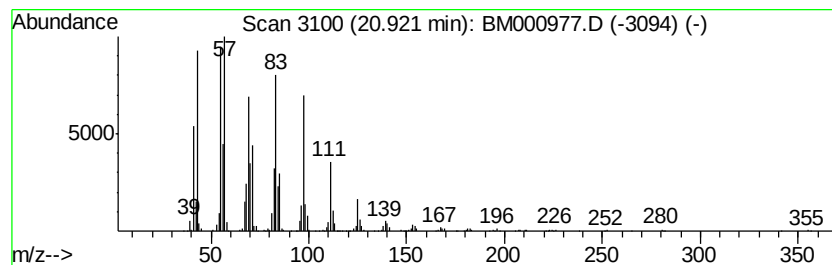
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM041415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Trichloroacetic acid, hexadec... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.92	20.66 ng/ul	2557450	Chrysene-d12	21.20		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
2		1-Docosene	308	C22H44	001599-67-3	94
3		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
4		2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	91
5		1-Nonadecene	266	C19H38	018435-45-5	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
Data File : BM000977.D
Acq On : 14 Apr 2015 08:41
Operator : TP/IZ
Sample : G1858-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

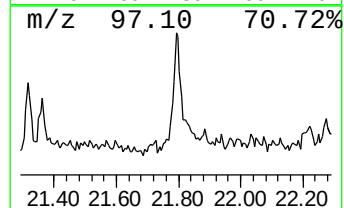
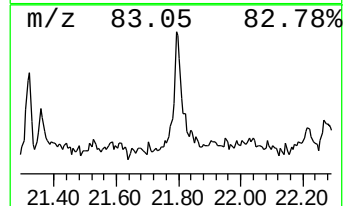
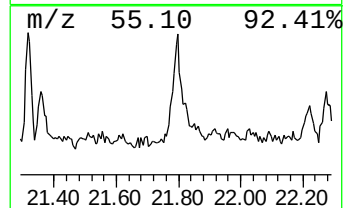
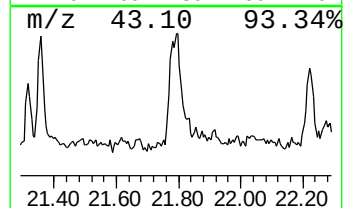
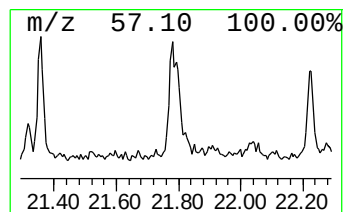
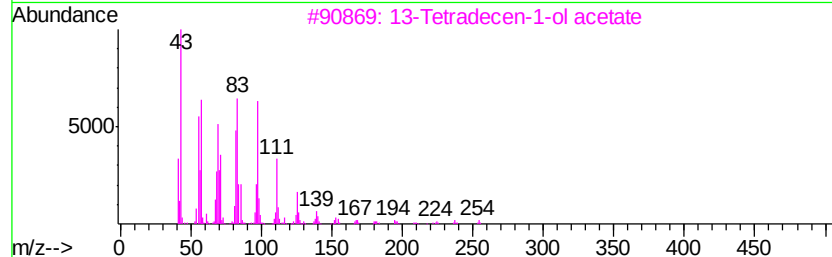
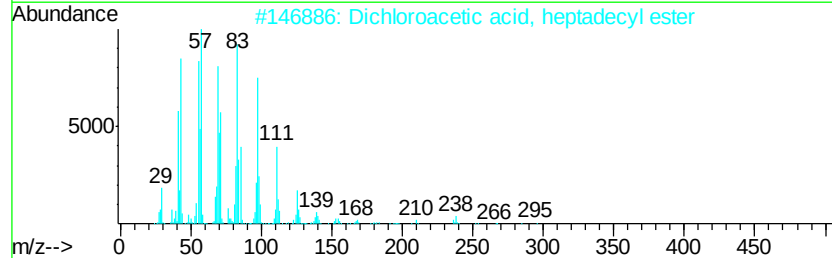
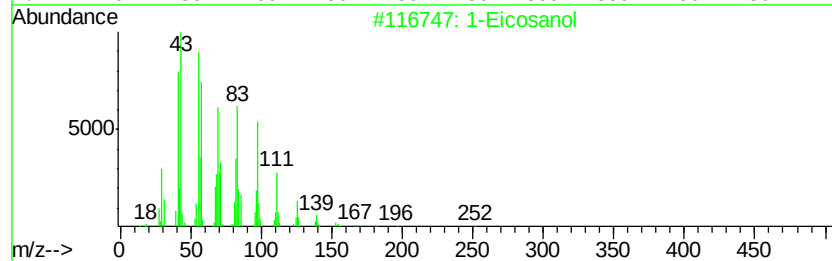
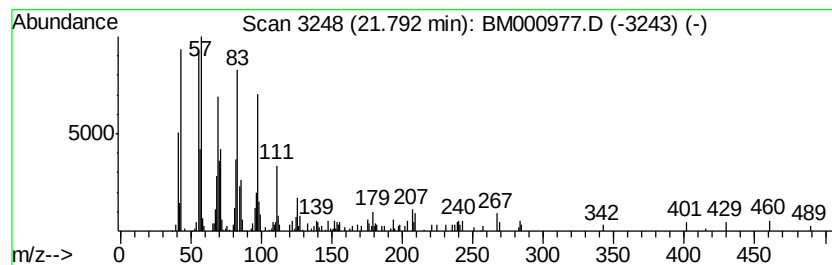
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 1-Eicosanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.79	2.64 ng/ul	326256	Chrysene-d12	21.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Eicosanol		298 C20H42O	000629-96-9 91
2	Dichloroacetic acid, heptadecyl ...		366 C19H36Cl2O2	1000282-98-2 91
3	13-Tetradecen-1-ol acetate		254 C16H30O2	056221-91-1 91
4	1-Docosene		308 C22H44	001599-67-3 91
5	1-Triacontanol		438 C30H62O	000593-50-0 91



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Operator : TP/IZ
Sample : G1858-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P001-SD001-0006-01

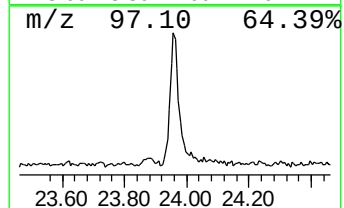
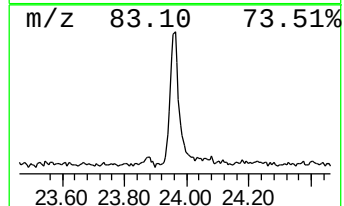
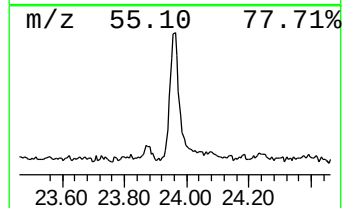
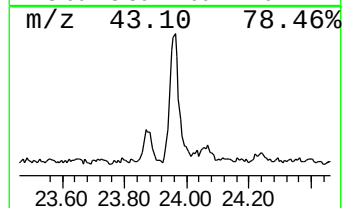
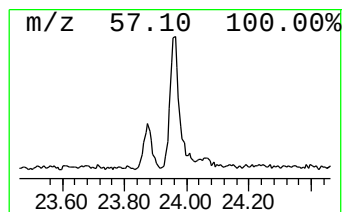
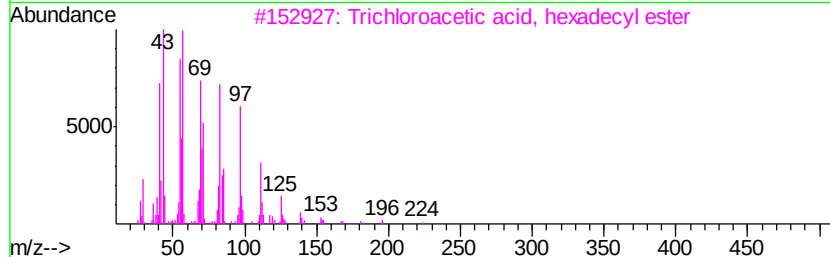
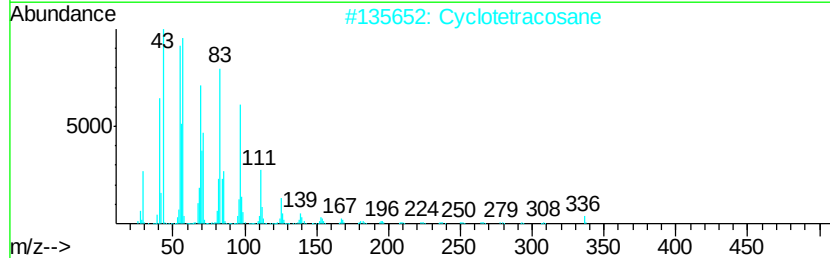
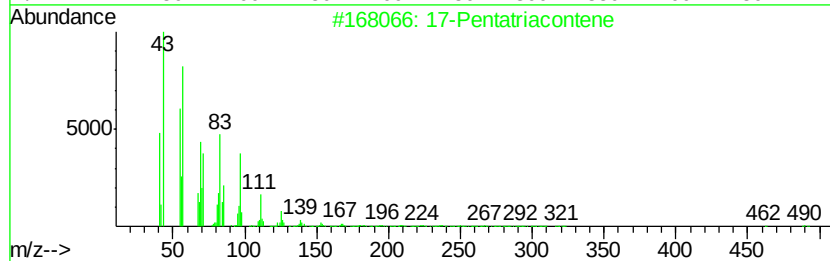
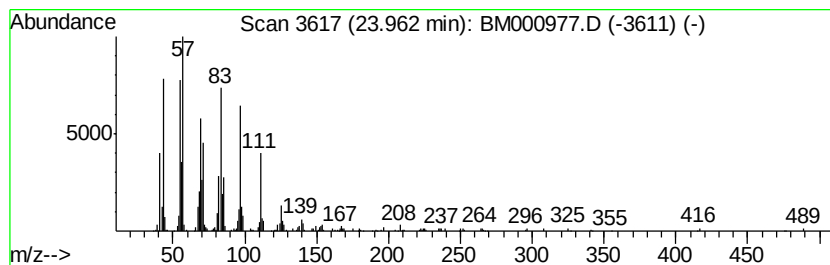
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 17-Pentatriacontene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.96	5.91 ng/ul	681280	Perylene-d12	23.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	17-Pentatriacontene	491	C35H70	006971-40-0	95
2		Cyclotetracosane	336	C24H48	000297-03-0	91
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
5		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91



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Sample : G1858-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P001-SD001-0006-01

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.82	8.6	ng/ul	452037	1	7.60	1057670	20.0
Ethanol, 1-methox...	11.71	2.9	ng/ul	210238	2	10.39	1474940	20.0
Benzophenone	15.62	9.6	ng/ul	892925	3	14.26	1856680	20.0
n-Hexadecanoic acid	17.91	4.5	ng/ul	477113	4	17.00	2127740	20.0
Trichloroacetic a...	20.92	20.7	ng/ul	2557450	5	21.20	2475700	20.0
1-Eicosanol	21.79	2.6	ng/ul	326256	5	21.20	2475700	20.0
17-Pentatriacontene	23.96	5.9	ng/ul	681280	6	23.38	2304400	20.0