

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042015\
 Data File : BM001086.D
 Acq On : 21 Apr 2015 03:59
 Operator : TP/IZ
 Sample : G1859-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

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-BM041515.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	2.775	11	15	27	rVB	374585	568934	17.86%	1.263%
2	3.175	81	83	89	rVB7	11954	19264	0.60%	0.043%
3	3.563	147	149	151	rBV2	9002	6636	0.21%	0.015%
4	3.593	151	154	158	rVB2	32603	39982	1.26%	0.089%
5	3.775	180	185	190	rVB2	19331	35847	1.13%	0.080%
6	4.134	244	246	250	rVB5	6844	9515	0.30%	0.021%
7	4.687	335	340	346	rVB6	8459	18288	0.57%	0.041%
8	4.928	378	381	387	rBV2	19544	35256	1.11%	0.078%
9	5.404	456	462	466	rBV	13233	24577	0.77%	0.055%
10	5.792	524	528	530	rBV5	4786	7155	0.22%	0.016%
11	6.098	576	580	583	rBV5	5582	7132	0.22%	0.016%
12	6.257	600	607	611	rVB2	36665	57003	1.79%	0.127%
13	6.557	649	658	661	rBV10	8379	19239	0.60%	0.043%
14	6.757	682	692	702	rBV	739842	1185099	37.21%	2.631%
15	6.910	708	718	728	rVB	591177	937678	29.44%	2.082%
16	7.004	730	734	736	rBV5	10186	12473	0.39%	0.028%
17	7.104	745	751	759	rBV	775804	1209385	37.97%	2.685%
18	7.204	764	768	773	rVB2	21405	31418	0.99%	0.070%
19	7.569	820	830	840	rBV	772755	1268098	39.81%	2.815%
20	7.651	840	844	847	rVV4	7224	12139	0.38%	0.027%
21	7.710	849	854	857	rVB6	10059	17552	0.55%	0.039%
22	7.792	863	868	873	rBV3	60232	99585	3.13%	0.221%
23	7.869	876	881	889	rVB8	17546	33789	1.06%	0.075%
24	8.233	938	943	946	rBV5	8864	12927	0.41%	0.029%
25	8.286	946	952	960	rVV	782851	1237459	38.85%	2.747%
26	8.451	977	980	983	rVB4	5044	7330	0.23%	0.016%
27	8.728	1019	1027	1035	rVV	698149	1118201	35.11%	2.482%
28	8.951	1061	1065	1071	rVB7	6265	10377	0.33%	0.023%
29	9.151	1093	1099	1104	rBV	16184	29672	0.93%	0.066%
30	9.286	1117	1122	1123	rBV4	4087	6609	0.21%	0.015%
31	9.445	1142	1149	1158	rBV	560792	917829	28.82%	2.038%
32	9.657	1181	1185	1186	rBV3	8340	7938	0.25%	0.018%
33	9.892	1219	1225	1229	rBV3	74015	127207	3.99%	0.282%
34	9.928	1229	1231	1234	rVV3	15929	17638	0.55%	0.039%

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35	9.986	1234	1241	1253	rVB	829378	1352601	42.47%	3.003%
36	10.098	1255	1260	1263	rVV3	25295	40091	1.26%	0.089%
37	10.139	1263	1267	1273	rVB3	33330	50200	1.58%	0.111%
38	10.357	1297	1304	1313	rBV	1030803	1672580	52.51%	3.713%
39	10.498	1318	1328	1342	rBV	427217	798529	25.07%	1.773%
40	10.657	1350	1355	1360	rVB8	6535	11874	0.37%	0.026%
41	10.757	1370	1372	1380	rVB8	11098	20898	0.66%	0.046%
42	10.992	1407	1412	1415	rBV7	5738	9032	0.28%	0.020%
43	11.051	1421	1422	1426	rVB4	5862	5718	0.18%	0.013%
44	11.186	1442	1445	1452	rVB6	8886	15616	0.49%	0.035%
45	11.269	1456	1459	1463	rBV5	5308	8619	0.27%	0.019%
46	11.345	1467	1472	1475	rBV5	3650	6623	0.21%	0.015%
47	11.680	1523	1529	1534	rBV5	20308	41797	1.31%	0.093%
48	11.722	1534	1536	1540	rVV4	14276	21953	0.69%	0.049%
49	11.798	1543	1549	1553	rBV6	6020	10163	0.32%	0.023%
50	11.851	1556	1558	1562	rBV4	4618	6628	0.21%	0.015%
51	11.892	1562	1565	1572	rVV7	10545	16775	0.53%	0.037%
52	11.951	1572	1575	1583	rVB4	14531	27104	0.85%	0.060%
53	12.386	1644	1649	1653	rVV5	11573	19365	0.61%	0.043%
54	12.574	1676	1681	1688	rVB6	24295	50620	1.59%	0.112%
55	12.698	1698	1702	1710	rBV6	7388	15068	0.47%	0.033%
56	12.833	1720	1725	1730	rBV4	23475	35581	1.12%	0.079%
57	12.957	1741	1746	1749	rBV5	12962	27544	0.86%	0.061%
58	13.051	1760	1762	1763	rBV2	10698	8923	0.28%	0.020%
59	13.110	1767	1772	1776	rBV3	61204	106000	3.33%	0.235%
60	13.216	1786	1790	1793	rVB6	9337	15237	0.48%	0.034%
61	13.357	1812	1814	1817	rVB4	5278	6044	0.19%	0.013%
62	13.410	1817	1823	1827	rBV9	14338	24017	0.75%	0.053%
63	13.504	1835	1839	1843	rBV7	8179	15145	0.48%	0.034%
64	13.551	1843	1847	1855	rVV10	22215	43730	1.37%	0.097%
65	13.651	1858	1864	1868	rVV	1266742	1765301	55.42%	3.919%
66	13.692	1868	1871	1880	rVB	192473	287457	9.02%	0.638%
67	13.833	1891	1895	1899	rBV7	16793	21334	0.67%	0.047%
68	13.921	1901	1910	1919	rBV	1300046	2002417	62.87%	4.445%
69	14.074	1931	1936	1937	rBV3	44060	60211	1.89%	0.134%
70	14.145	1944	1948	1952	rVB2	37348	47678	1.50%	0.106%
71	14.192	1952	1956	1958	rBV	76780	100942	3.17%	0.224%

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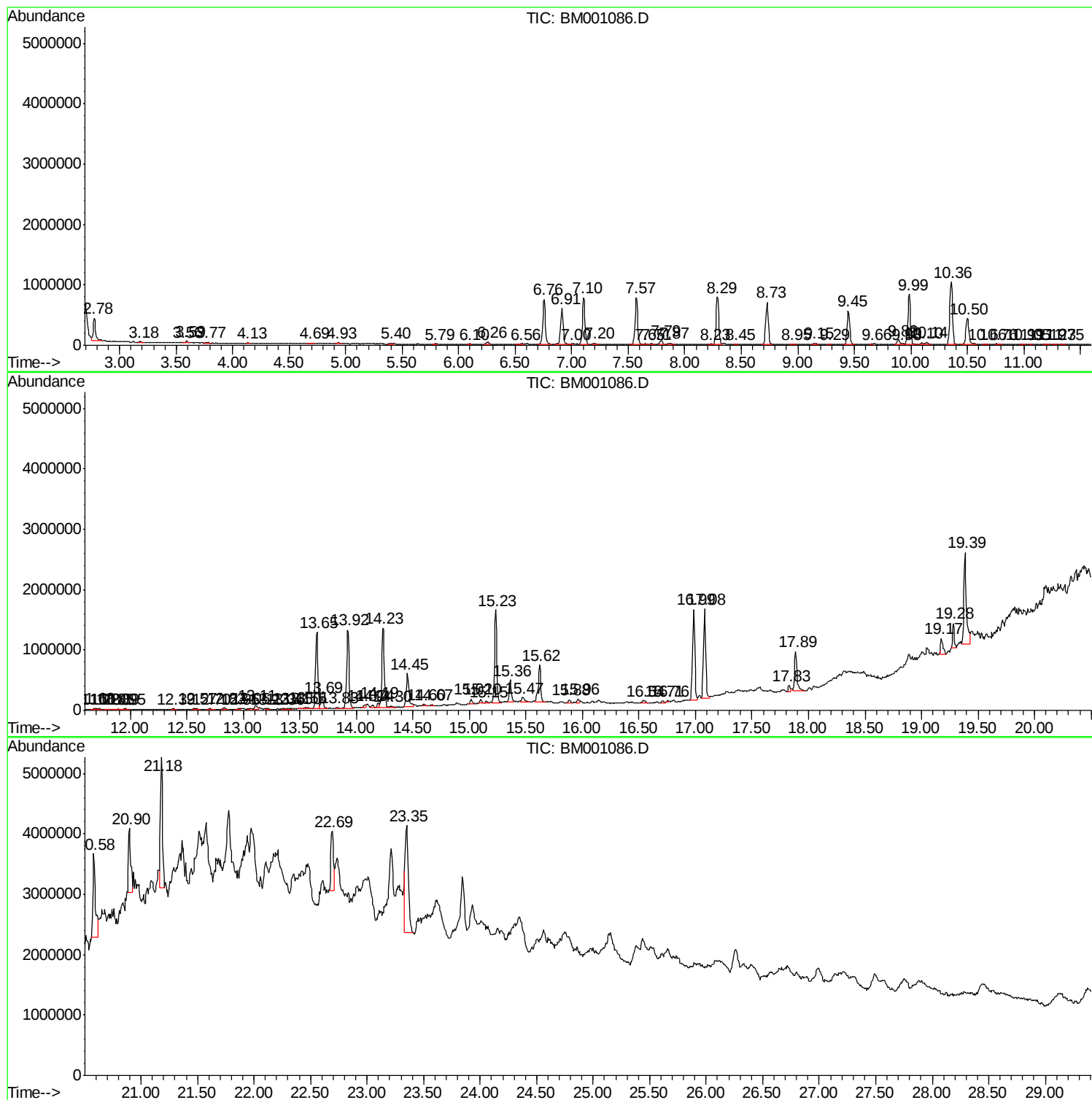
72	14.233	1958	1963	1971	rVV2	1312863	2021002	63.45%	4.487%
73	14.304	1972	1975	1982	rVB8	18546	27452	0.86%	0.061%
74	14.451	1995	2000	2009	rBV	561232	909239	28.55%	2.019%
75	14.598	2022	2025	2030	rVB4	27941	39589	1.24%	0.088%
76	14.668	2034	2037	2040	rVV5	15040	18321	0.58%	0.041%
77	15.015	2092	2096	2100	rBV	90417	118092	3.71%	0.262%
78	15.098	2107	2110	2114	rBV	68138	80543	2.53%	0.179%
79	15.151	2116	2119	2123	rVV5	27708	33549	1.05%	0.074%
80	15.233	2127	2133	2141	rVV	1537001	2148295	67.45%	4.769%
81	15.362	2150	2155	2160	rBV	365858	495375	15.55%	1.100%
82	15.468	2170	2173	2183	rVB8	80332	157058	4.93%	0.349%
83	15.621	2192	2199	2208	rVB2	618644	955310	29.99%	2.121%
84	15.880	2240	2243	2247	rVB6	43820	57865	1.82%	0.128%
85	15.962	2253	2257	2259	rBV	63793	77751	2.44%	0.173%
86	16.539	2352	2355	2362	rVB9	44955	85295	2.68%	0.189%
87	16.709	2381	2384	2387	rBV3	34134	43271	1.36%	0.096%
88	16.756	2389	2392	2393	rBV3	26577	25201	0.79%	0.056%
89	16.986	2425	2431	2436	rBV2	1496043	2190236	68.76%	4.862%
90	17.080	2442	2447	2454	rBV2	1474911	2047966	64.30%	4.546%
91	17.827	2571	2574	2577	rBV4	100213	127388	4.00%	0.283%
92	17.886	2580	2584	2597	rVB	655906	944693	29.66%	2.097%
93	19.174	2801	2803	2810	rVB2	267119	362244	11.37%	0.804%
94	19.280	2818	2821	2826	rVB	409543	456903	14.34%	1.014%
95	19.386	2834	2839	2847	rBV	1515378	2513748	78.92%	5.581%
96	20.580	3039	3042	3049	rBV2	1389865	2281227	71.62%	5.064%
97	20.897	3093	3096	3101	rBV2	1055708	1537971	48.28%	3.414%
98	21.180	3141	3144	3149	rVB	2170767	2672659	83.91%	5.933%
99	22.691	3397	3401	3404	rBV	978614	1512917	47.50%	3.359%
100	23.350	3510	3513	3522	rVB	1772299	3185211	100.00%	7.071%

Sum of corrected areas: 45045017

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Quant Title : SVOA CALIBRATION

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



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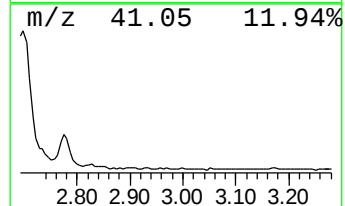
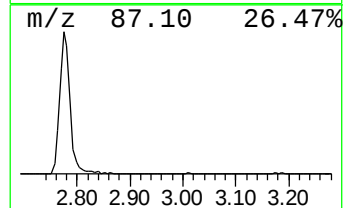
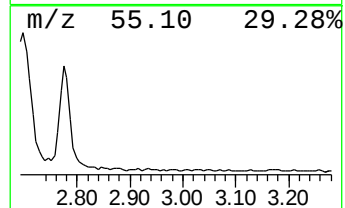
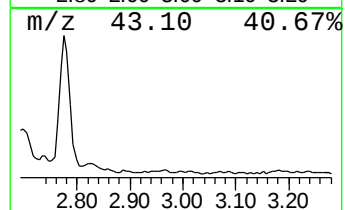
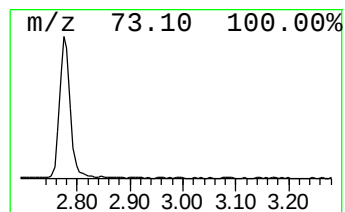
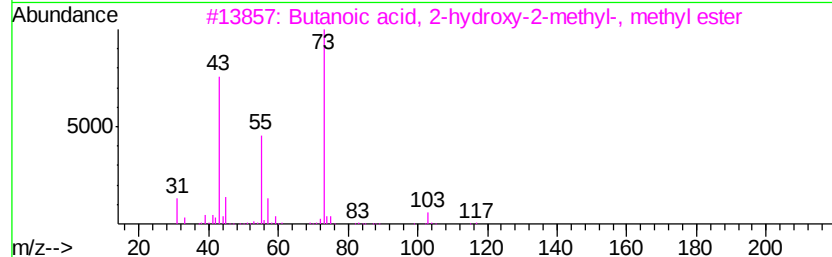
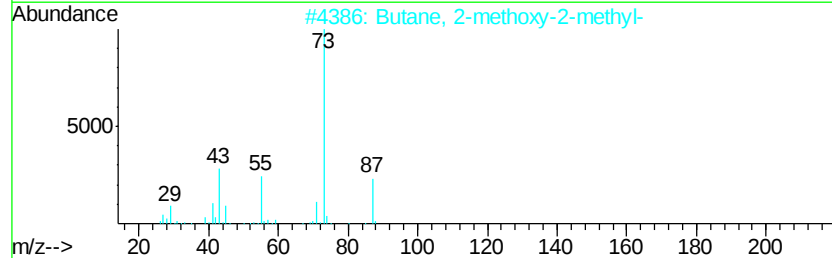
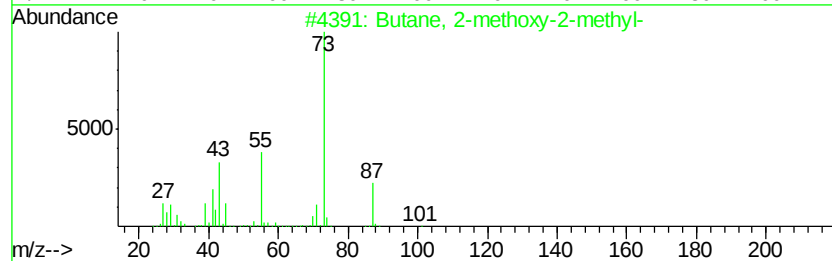
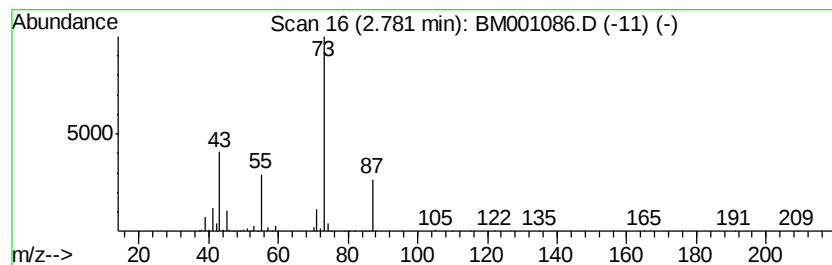
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM01.2-EPA-BM041515.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.78	8.97 ng/ul	568934	1,4-Dichlorobenzene-d4	7.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3		Butanoic acid, 2-hydroxy-2-methyl...	132	C6H12O3	032793-34-3	38
4		Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	33
5		2,5-Dimethyl-4-hydroxy-3-hexanone	144	C8H16O2	000815-77-0	28



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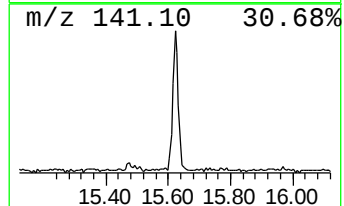
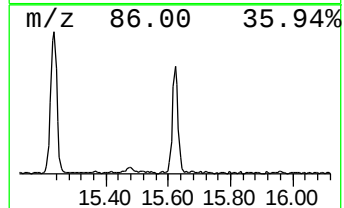
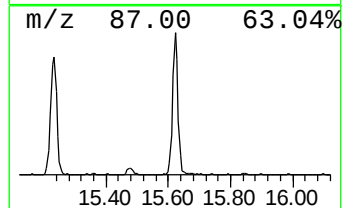
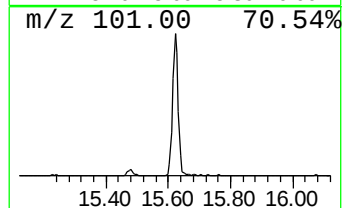
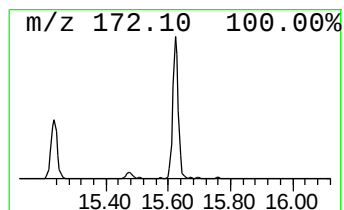
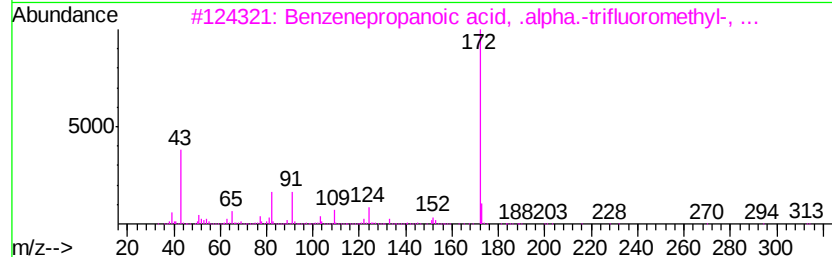
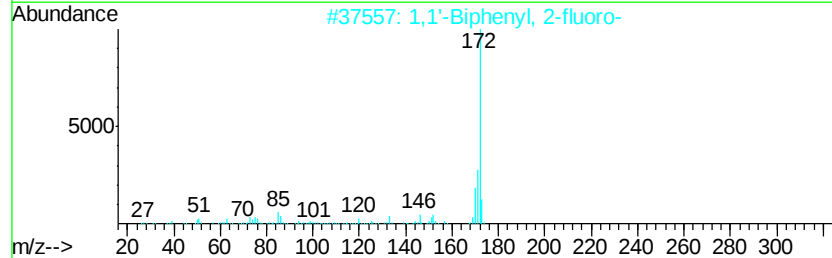
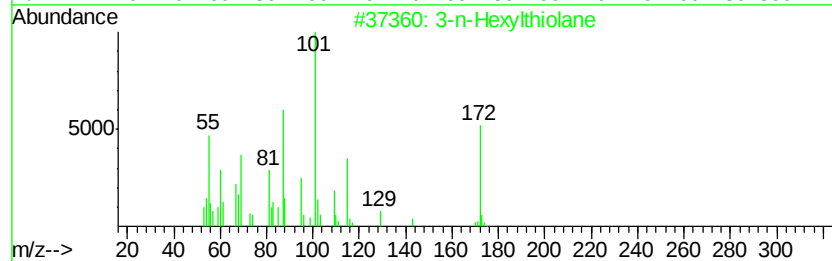
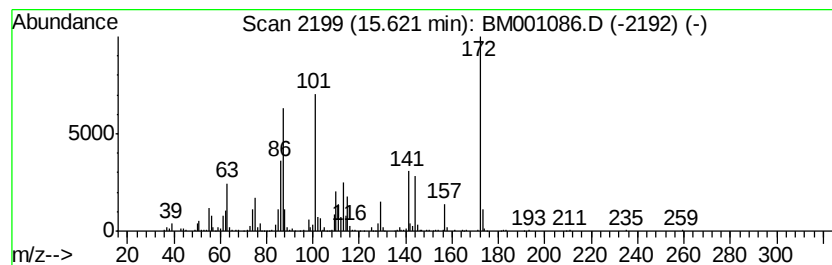
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM01.2-EPA-BM041515.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	8.72 ng/ul	955310	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-n-Hexylthiolane	172	C10H20S	001613-50-9	25
2		1,1'-Biphenyl, 2-fluoro-	172	C12H9F	000321-60-8	14
3		Benzenepropanoic acid, .alpha.-t...	313	C15H14F3NO3	1000269-21-4	14
4		6-Methyl-1,4-naphthoquinone	172	C11H8O2	000605-93-6	14
5		2,5-Dimethyl-3-phenylfuran	172	C12H12O	019842-57-0	14



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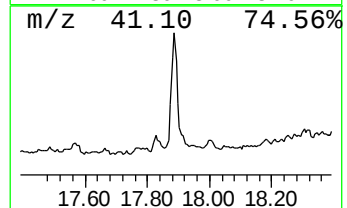
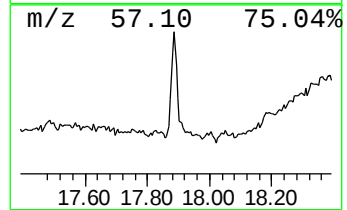
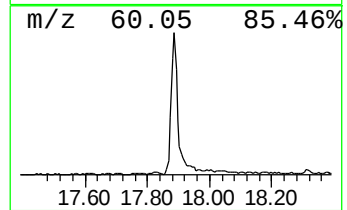
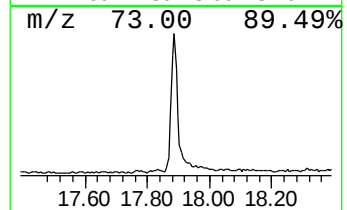
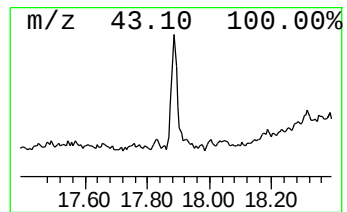
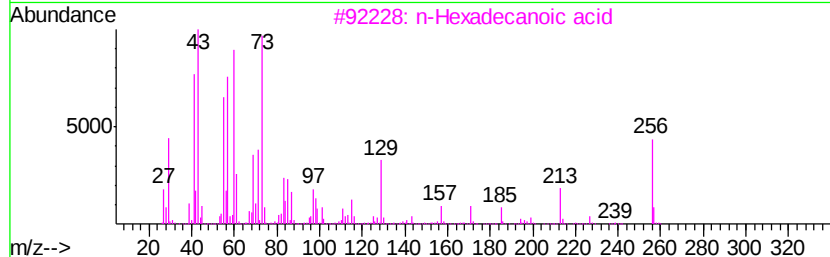
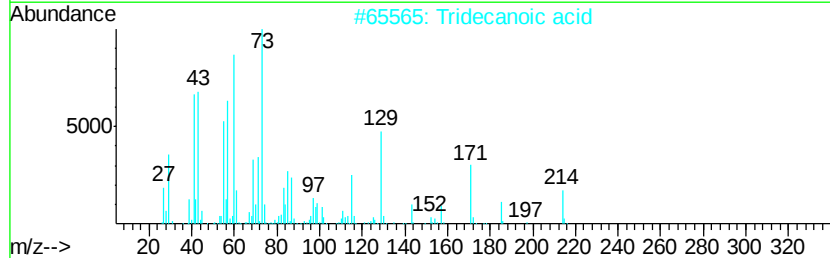
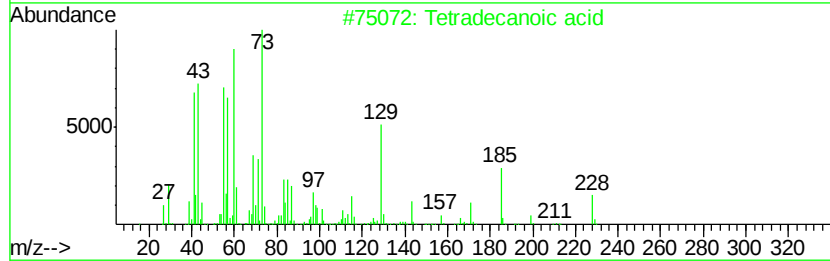
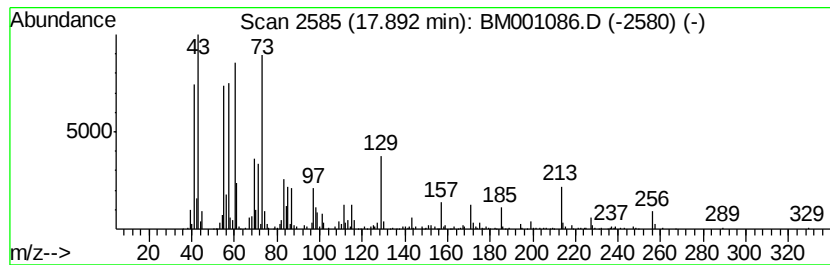
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM01.2-EPA-BM041515.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Tetradecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	8.63 ng/ul	944693	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecanoic acid	228	C14H28O2	000544-63-8	96
2		Tridecanoic acid	214	C13H26O2	000638-53-9	95
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4		Tridecanoic acid	214	C13H26O2	000638-53-9	90
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89



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Misc :
ALS Vial : 20 Sample Multiplier: 1

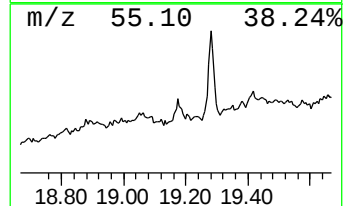
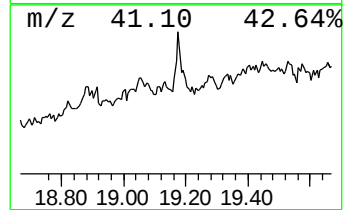
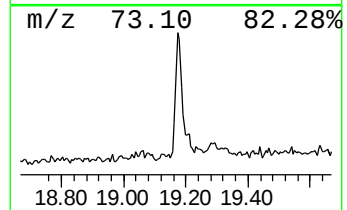
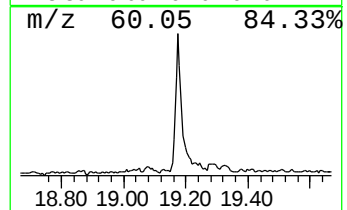
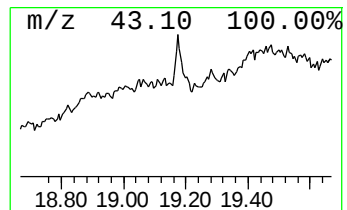
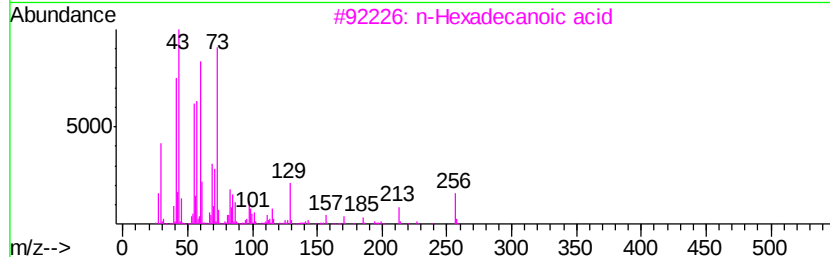
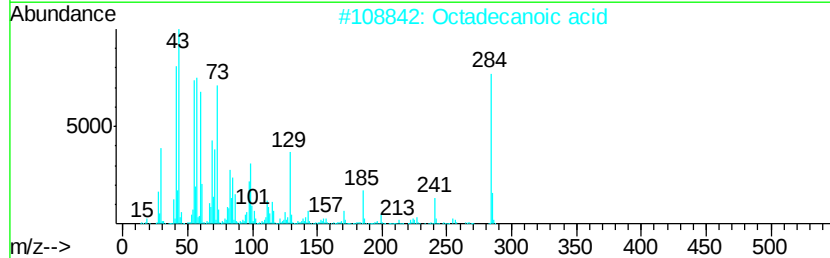
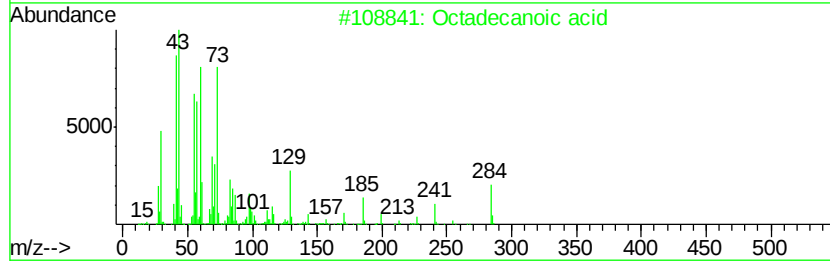
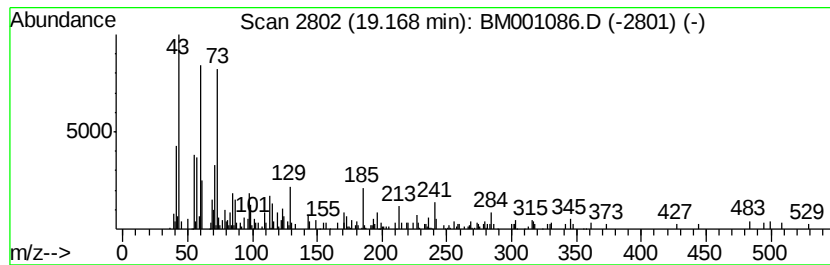
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	2.71 ng/ul	362244	Chrysene-d12	21.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	89
2		Octadecanoic acid	284	C18H36O2	000057-11-4	83
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
4		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	72
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	58



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042015\
Data File : BM001086.D
Acq On : 21 Apr 2015 03:59
Operator : TP/IZ
Sample : G1859-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

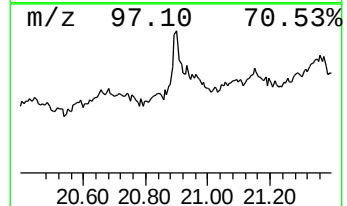
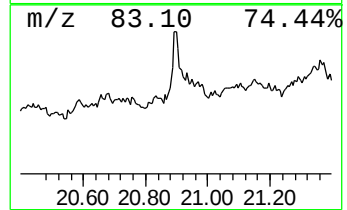
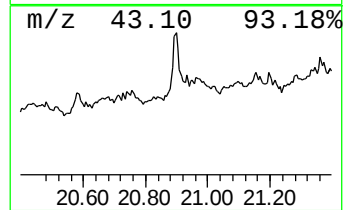
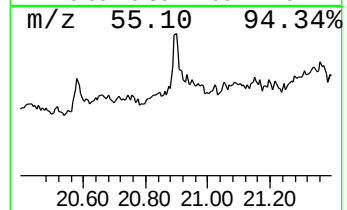
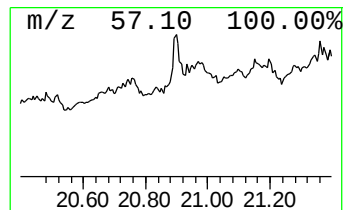
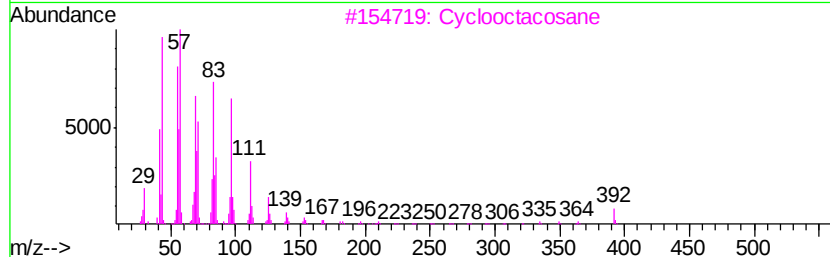
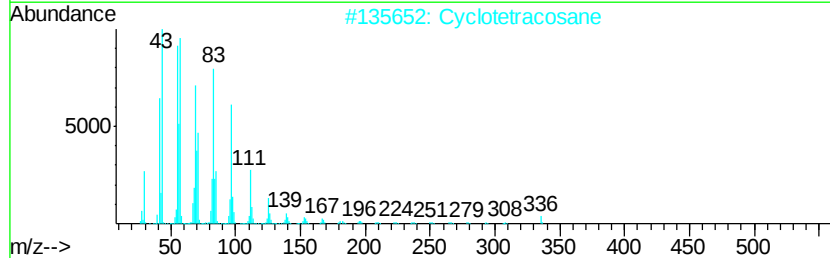
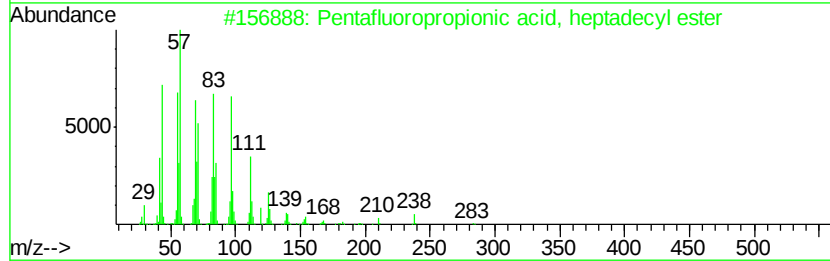
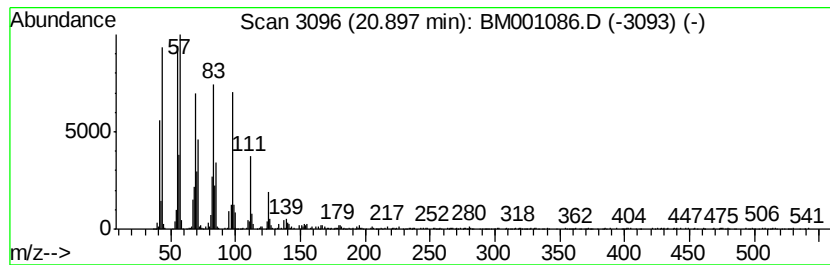
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Pentafluoropropionic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	11.51 ng/ul	1537970	Chrysene-d12	21.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91
2		Cyclotetracosane	336	C24H48	000297-03-0	87
3		Cyclooctacosane	392	C28H56	000297-24-5	87
4		1-Heneicosyl formate	340	C22H44O2	077899-03-7	87
5		3-Eicosene, (E)-	280	C20H40	074685-33-9	86



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042015\
Data File : BM001086.D
Acq On : 21 Apr 2015 03:59
Operator : TP/IZ
Sample : G1859-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

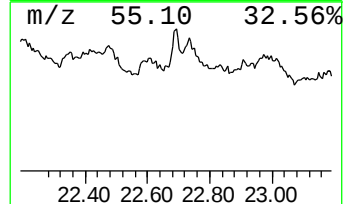
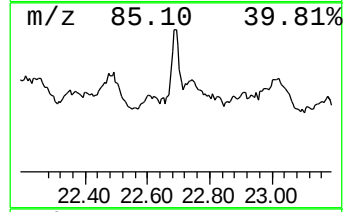
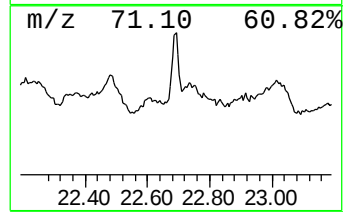
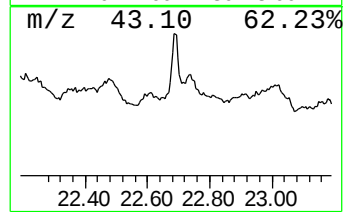
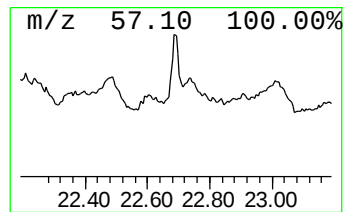
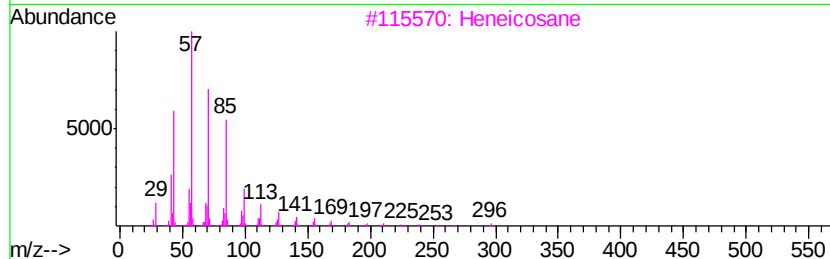
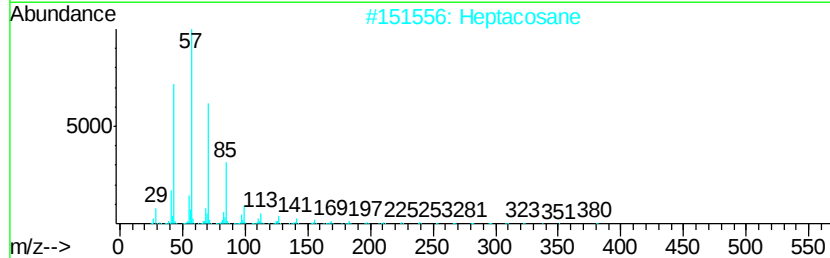
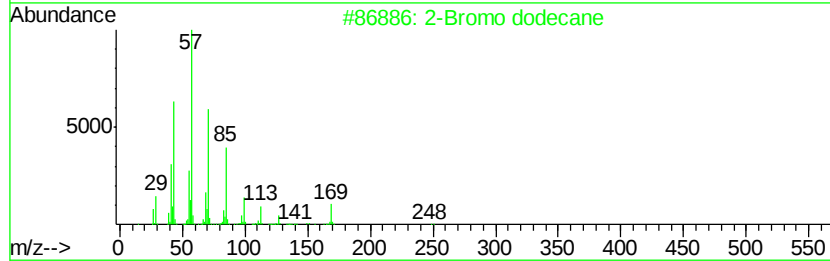
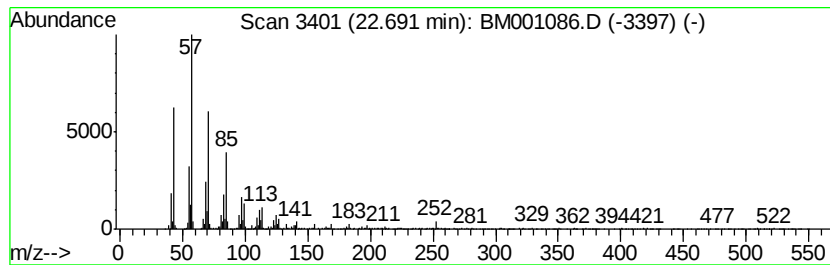
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chain Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	9.50 ng/ul	1512920	Perylene-d12	23.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Bromo dodecane	248	C12H25Br	013187-99-0	81
2		Heptacosane	380	C27H56	000593-49-7	81
3		Heneicosane	296	C21H44	000629-94-7	74
4		Eicosane	282	C20H42	000112-95-8	74
5		Octacosane	394	C28H58	000630-02-4	74



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042015\
Data File : BM001086.D
Acq On : 21 Apr 2015 03:59
Operator : TP/IZ
Sample : G1859-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM01.2-EPA-BM041515.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...	2.78	9.0	ng/ul	568934	1	7.57	1268100	20.0
unknown-01	15.62	8.7	ng/ul	955310	4	16.99	2190240	20.0
Tetradecanoic acid	17.89	8.6	ng/ul	944693	4	16.99	2190240	20.0
Octadecanoic acid	19.17	2.7	ng/ul	362244	5	21.18	2672660	20.0
Pentafluoropropio...	20.90	11.5	ng/ul	1537970	5	21.18	2672660	20.0
(DEL) Alkane: Str...	22.69	9.5	ng/ul	1512920	6	23.35	3185210	20.0