

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
 Data File : BM000992.D
 Acq On : 14 Apr 2015 20:13
 Operator : TP/IZ
 Sample : G1858-15
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS019-0006-01

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	18	rBV	1452179	2806729	33.93%	2.458%
2	2.816	18	22	27	rVV	1096807	1371376	16.58%	1.201%
3	2.863	28	30	38	rVB3	77317	116397	1.41%	0.102%
4	3.504	135	139	142	rBV3	21055	33106	0.40%	0.029%
5	3.599	151	155	157	rBV2	84455	109292	1.32%	0.096%
6	3.628	157	160	164	rVB	90725	106938	1.29%	0.094%
7	3.810	187	191	198	rVB	60456	84341	1.02%	0.074%
8	4.140	243	247	251	rVV2	53959	74478	0.90%	0.065%
9	4.516	309	311	314	rVB3	13342	12389	0.15%	0.011%
10	4.728	340	347	356	rBV2	117231	213077	2.58%	0.187%
11	4.975	385	389	397	rBV6	19871	38506	0.47%	0.034%
12	5.822	530	533	537	rVB5	11475	18019	0.22%	0.016%
13	6.781	688	696	708	rBV	1950405	3226278	39.00%	2.825%
14	6.939	716	723	732	rBV	1531429	2282482	27.59%	1.999%
15	7.034	737	739	744	rVV5	17795	20032	0.24%	0.018%
16	7.134	749	756	766	rBV	1957719	2993071	36.18%	2.621%
17	7.222	767	771	779	rVB	84620	136427	1.65%	0.119%
18	7.598	828	835	843	rBV	1524360	2438668	29.48%	2.136%
19	7.669	843	847	850	rVV2	22039	28515	0.34%	0.025%
20	8.316	949	957	965	rBV	2026482	3266460	39.49%	2.860%
21	8.757	1025	1032	1041	rBV	1718464	2736574	33.08%	2.396%
22	8.922	1055	1060	1063	rBV8	8965	13269	0.16%	0.012%
23	9.181	1098	1104	1110	rVB3	35332	59356	0.72%	0.052%
24	9.239	1110	1114	1118	rVB5	10054	17428	0.21%	0.015%
25	9.475	1146	1154	1162	rBV	1363883	2240619	27.09%	1.962%
26	9.528	1162	1163	1167	rVV4	17020	21988	0.27%	0.019%
27	9.957	1231	1236	1238	rBV6	8839	14832	0.18%	0.013%
28	10.010	1238	1245	1259	rVB	2076144	3380723	40.87%	2.960%
29	10.169	1270	1272	1276	rVB5	10498	12424	0.15%	0.011%
30	10.380	1300	1308	1319	rBV	2018298	3409451	41.22%	2.986%
31	10.527	1325	1333	1352	rBV	1747779	3067941	37.09%	2.687%
32	10.904	1395	1397	1405	rVB9	8736	17039	0.21%	0.015%
33	11.027	1415	1418	1423	rVB8	10942	18835	0.23%	0.016%
34	11.469	1490	1493	1498	rVB7	12985	19389	0.23%	0.017%

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Integration Parameters: LSCINT.P

Integrator: RTE
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35	11.710	1527	1534	1542	rVB	199155	316450	3.83%	0.277%
36	11.892	1561	1565	1566	rBV3	12716	16177	0.20%	0.014%
37	11.921	1566	1570	1575	rVV4	32672	61731	0.75%	0.054%
38	11.980	1575	1580	1586	rVV2	44844	70841	0.86%	0.062%
39	12.410	1650	1653	1656	rBV4	12236	15129	0.18%	0.013%
40	12.598	1679	1685	1692	rVB5	34041	61752	0.75%	0.054%
41	12.857	1724	1729	1736	rVB3	50783	76356	0.92%	0.067%
42	13.080	1760	1767	1772	rVB5	31156	50531	0.61%	0.044%
43	13.245	1788	1795	1799	rBV2	38030	56417	0.68%	0.049%
44	13.674	1860	1868	1872	rBV	3253484	4490908	54.29%	3.933%
45	13.715	1872	1875	1883	rVB	440929	627176	7.58%	0.549%
46	13.945	1905	1914	1925	rBV	3891040	5824034	70.41%	5.100%
47	14.163	1946	1951	1958	rVB2	64373	96806	1.17%	0.085%
48	14.257	1958	1967	1977	rBV2	2664519	4148130	50.15%	3.632%
49	14.468	1997	2003	2012	rBV	1099263	1720506	20.80%	1.507%
50	14.533	2012	2014	2021	rVB8	38781	68602	0.83%	0.060%
51	14.692	2039	2041	2044	rVB4	16342	13562	0.16%	0.012%
52	15.057	2099	2103	2106	rBV5	14768	16442	0.20%	0.014%
53	15.086	2106	2108	2110	rVV3	19600	19367	0.23%	0.017%
54	15.121	2110	2114	2120	rVB3	38269	52132	0.63%	0.046%
55	15.257	2130	2137	2144	rBV	5001683	7102799	85.87%	6.220%
56	15.380	2153	2158	2169	rVV	1127218	1496888	18.10%	1.311%
57	15.492	2172	2177	2183	rBV3	69219	110864	1.34%	0.097%
58	15.621	2192	2199	2205	rBV	768849	1073860	12.98%	0.940%
59	15.921	2245	2250	2251	rBV5	11986	13854	0.17%	0.012%
60	15.945	2251	2254	2257	rVV5	12767	17465	0.21%	0.015%
61	15.980	2257	2260	2263	rVV4	25061	33463	0.40%	0.029%
62	16.045	2267	2271	2273	rBV5	12254	16393	0.20%	0.014%
63	16.209	2296	2299	2302	rBV5	9883	14621	0.18%	0.013%
64	16.392	2327	2330	2334	rBV5	13957	23492	0.28%	0.021%
65	16.551	2354	2357	2362	rVB5	27099	30575	0.37%	0.027%
66	16.774	2390	2395	2396	rBV4	22437	24630	0.30%	0.022%
67	17.004	2427	2434	2440	rBV	3430196	4668417	56.44%	4.088%
68	17.104	2444	2451	2464	rVV	5229343	7326362	88.57%	6.416%
69	17.209	2465	2469	2473	rVB6	70854	102551	1.24%	0.090%
70	17.298	2481	2484	2489	rBV6	9552	17361	0.21%	0.015%
71	17.392	2497	2500	2502	rBV3	10900	14447	0.17%	0.013%

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72	17.503	2516	2519	2525	rBV6	16442	20419	0.25%	0.018%
73	17.680	2545	2549	2554	rVV8	17922	24202	0.29%	0.021%
74	17.792	2564	2568	2574	rVB8	21350	43315	0.52%	0.038%
75	17.851	2574	2578	2581	rBV5	38091	59640	0.72%	0.052%
76	17.909	2583	2588	2596	rBV	929174	1421640	17.19%	1.245%
77	18.151	2627	2629	2634	rVB6	11621	15300	0.18%	0.013%
78	18.203	2634	2638	2639	rBV3	20222	22629	0.27%	0.020%
79	18.580	2699	2702	2703	rBV2	13469	15249	0.18%	0.013%
80	18.839	2744	2746	2750	rVB5	26137	23470	0.28%	0.021%
81	19.039	2775	2780	2783	rBV2	84639	136570	1.65%	0.120%
82	19.068	2783	2785	2790	rVB3	36107	46365	0.56%	0.041%
83	19.197	2803	2807	2819	rBV	359165	672251	8.13%	0.589%
84	19.292	2820	2823	2828	rVB2	67310	98099	1.19%	0.086%
85	19.403	2836	2842	2849	rBV	5858297	8271617	100.00%	7.243%
86	19.462	2849	2852	2856	rVB5	74623	88464	1.07%	0.077%
87	19.927	2928	2931	2934	rBV5	55900	76962	0.93%	0.067%
88	20.339	2998	3001	3006	rVB3	74325	85156	1.03%	0.075%
89	20.456	3017	3021	3025	rBV3	74706	112849	1.36%	0.099%
90	20.492	3025	3027	3032	rVB6	40799	33174	0.40%	0.029%
91	20.562	3037	3039	3042	rVB2	31219	32608	0.39%	0.029%
92	20.915	3095	3099	3111	rBV	5427483	6533004	78.98%	5.721%
93	21.203	3142	3148	3157	rBV	4174155	5393707	65.21%	4.723%
94	21.321	3164	3168	3171	rBV	344321	387903	4.69%	0.340%
95	21.356	3171	3174	3179	rVB4	122738	158280	1.91%	0.139%
96	21.797	3244	3249	3252	rBV5	227817	387973	4.69%	0.340%
97	23.244	3488	3495	3506	rBV2	4556622	8022014	96.98%	7.025%
98	23.380	3512	3518	3526	rVB	2966625	5249605	63.47%	4.597%
99	23.962	3611	3617	3630	rBV2	873759	2010251	24.30%	1.760%
100	25.574	3886	3891	3898	rVB8	205098	454728	5.50%	0.398%

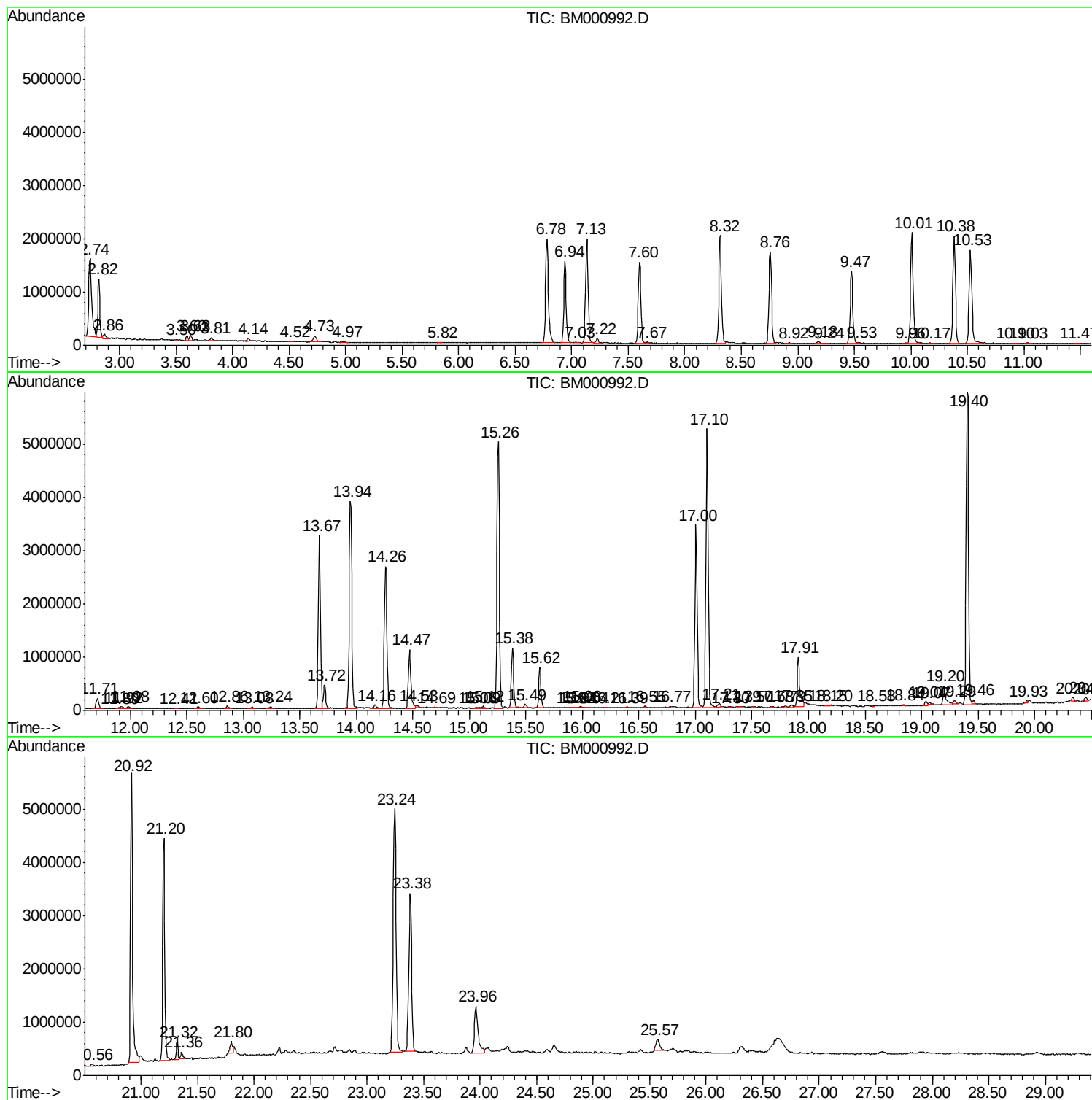
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM041415.M
Quant Title : SVOA CALIBRATION

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



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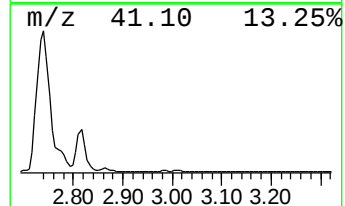
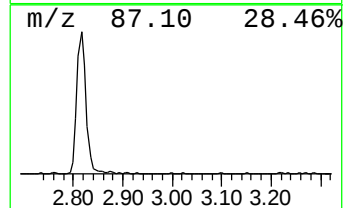
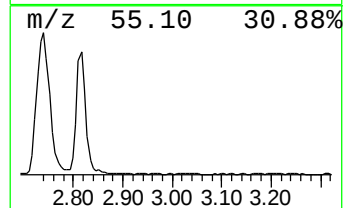
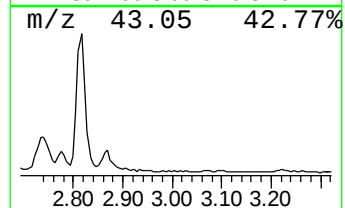
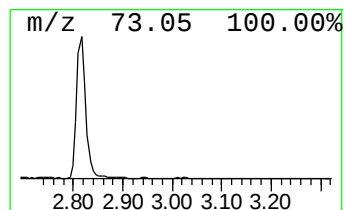
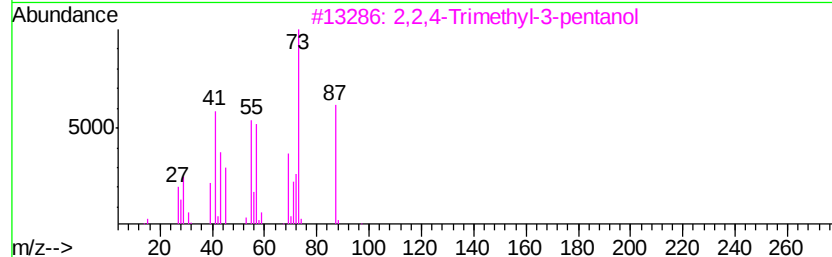
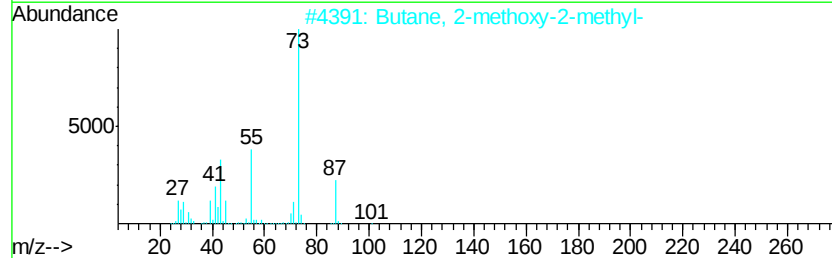
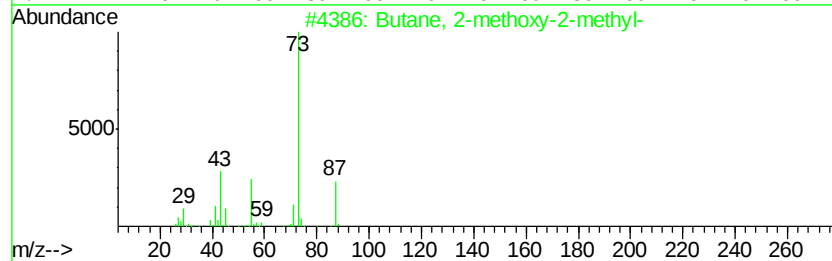
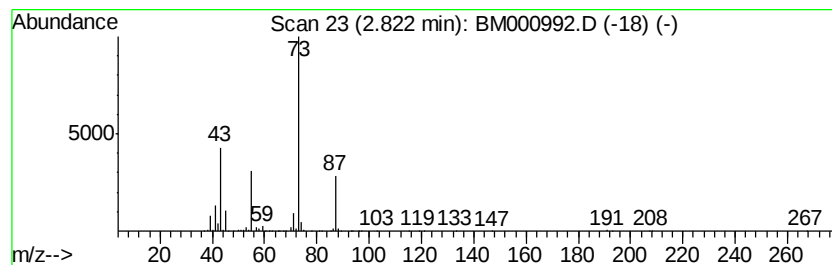
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM041415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
2.82	11.25 ng/ul	1371380	1,4-Dichlorobenzene-d4	7.60		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
4		2,5-Dimethyl-4-hydroxy-3-hexanone	144	C8H16O2	000815-77-0	40
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23



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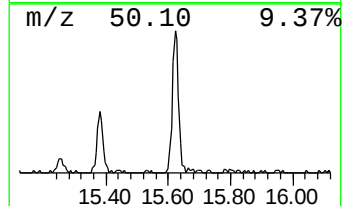
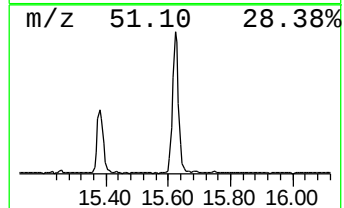
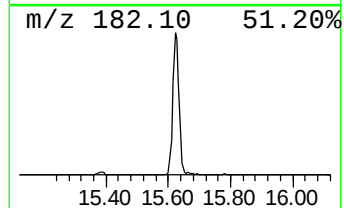
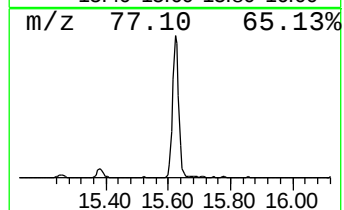
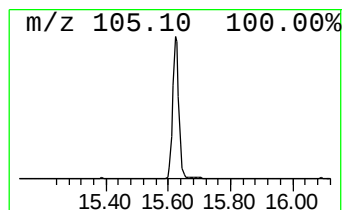
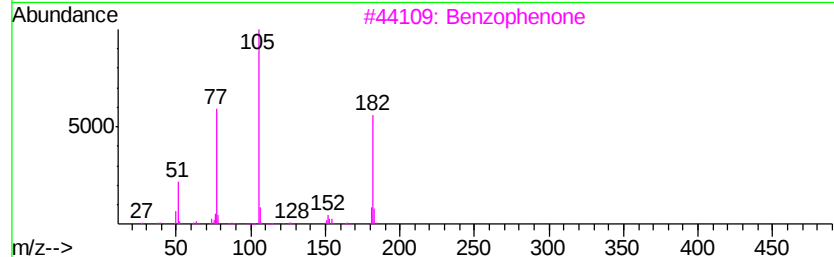
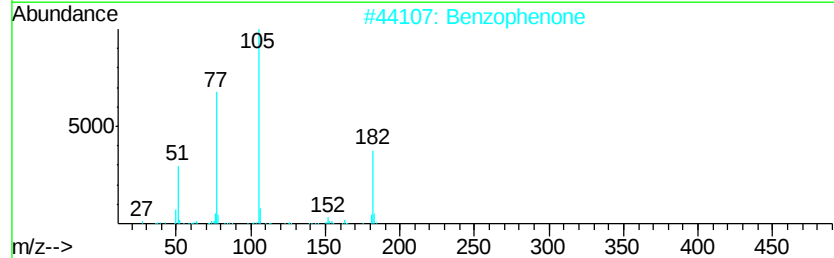
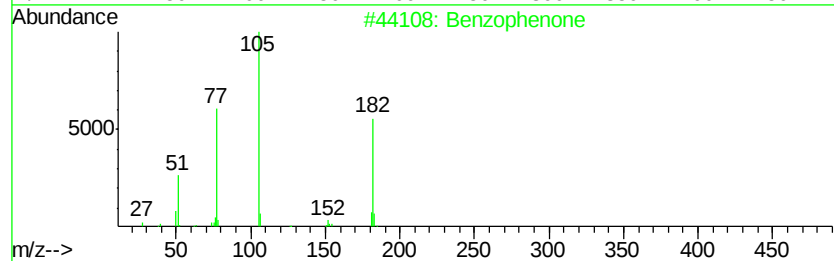
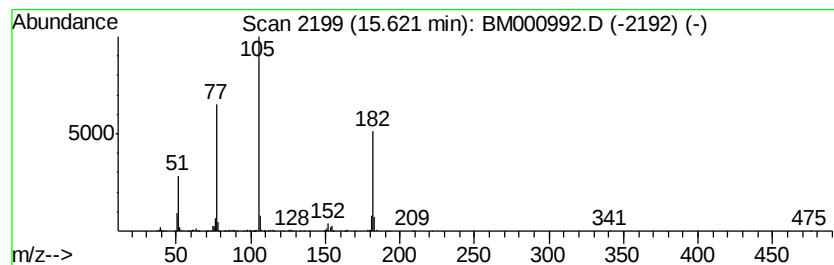
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM041415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	5.18 ng/ul	1073860	Acenaphthene-d10	14.26

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone		182	C13H10O	000119-61-9	96
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	91



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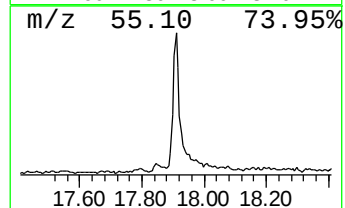
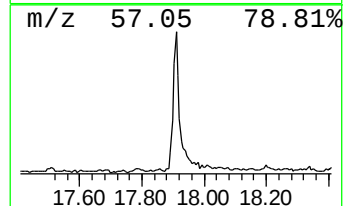
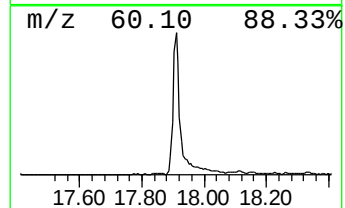
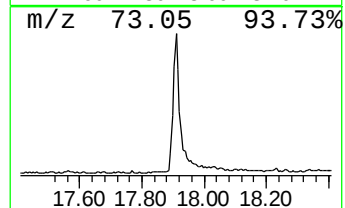
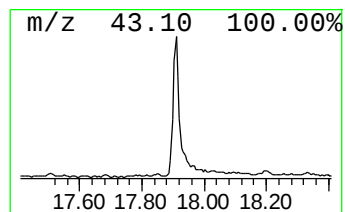
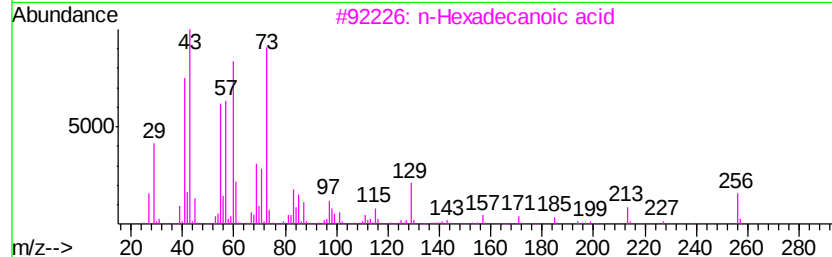
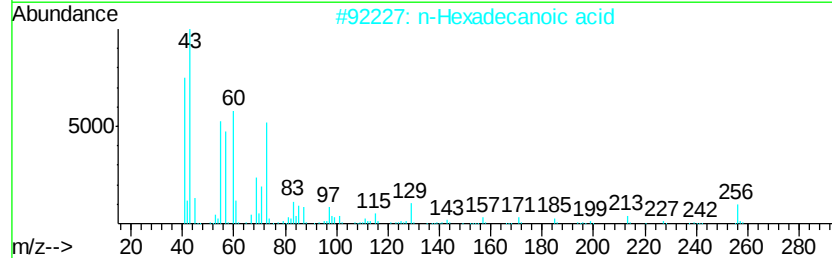
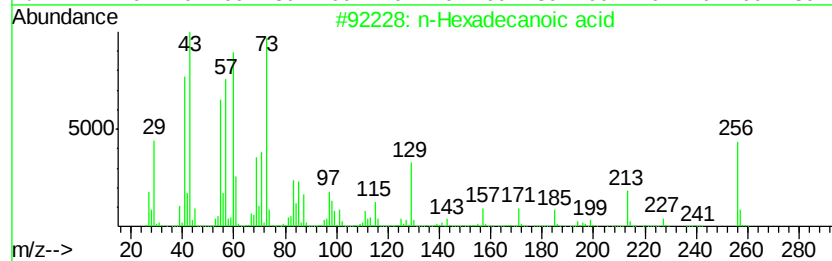
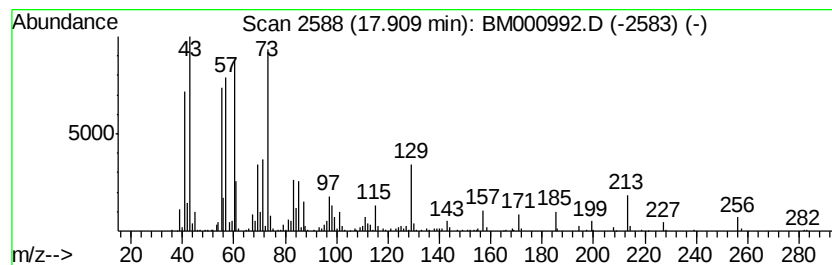
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	6.09 ng/ul	1421640	Phenanthrene-d10	17.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	86
5		Tridecanoic acid	214	C13H26O2	000638-53-9	80



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
Data File : BM000992.D
Acq On : 14 Apr 2015 20:13
Operator : TP/IZ
Sample : G1858-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P001-SS019-0006-01

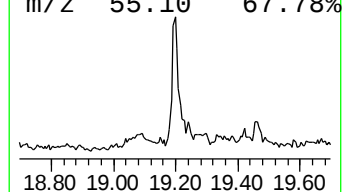
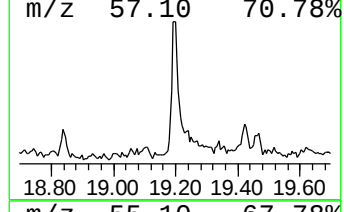
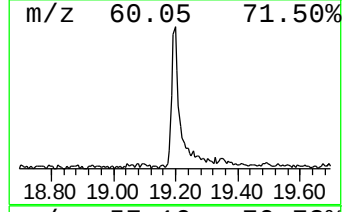
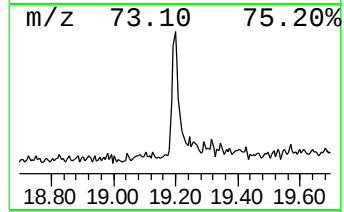
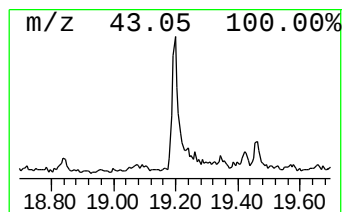
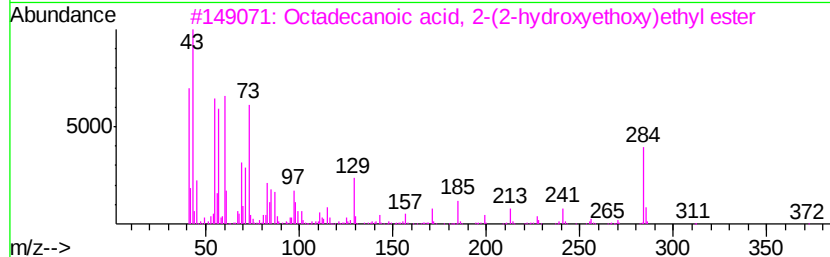
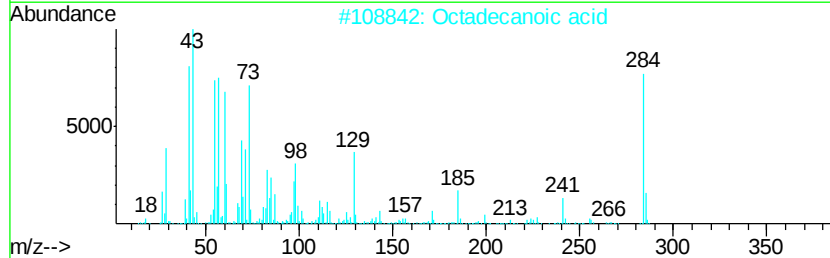
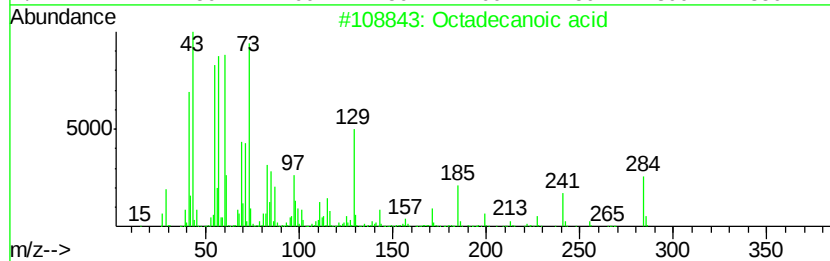
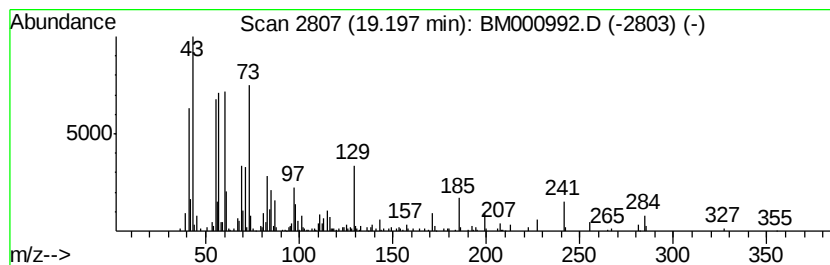
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	2.49 ng/ul	672251	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		Octadecanoic acid	284	C18H36O2	000057-11-4	95
3		Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
4		Octadecanoic acid	284	C18H36O2	000057-11-4	87
5		Octadecanoic acid	284	C18H36O2	000057-11-4	81



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
Data File : BM000992.D
Acq On : 14 Apr 2015 20:13
Operator : TP/IZ
Sample : G1858-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P001-SS019-0006-01

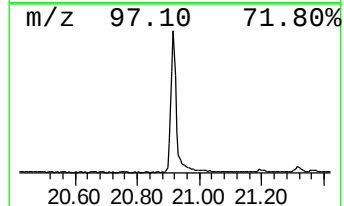
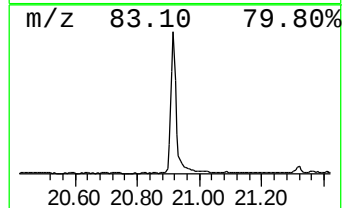
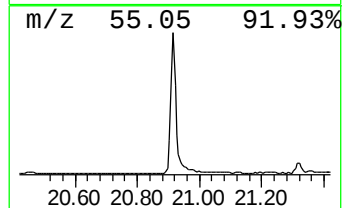
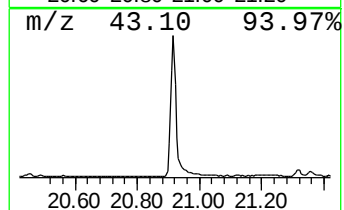
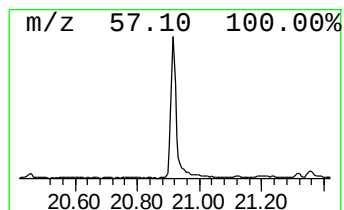
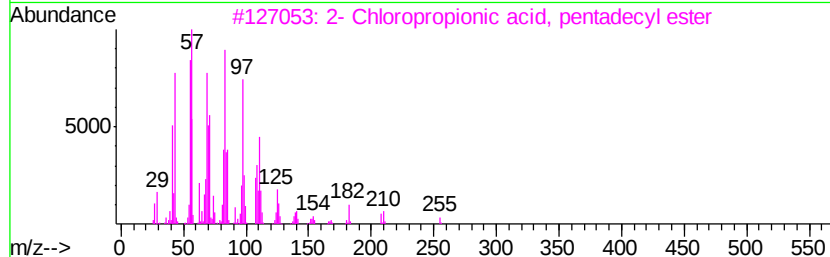
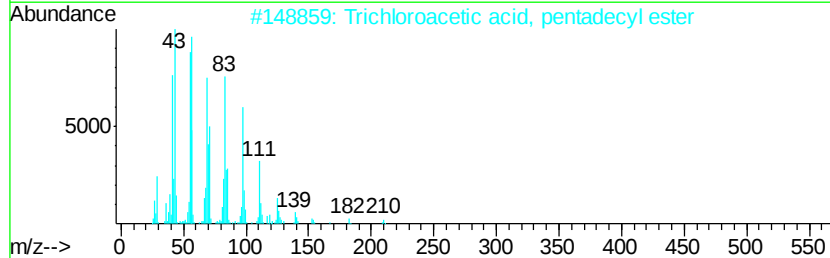
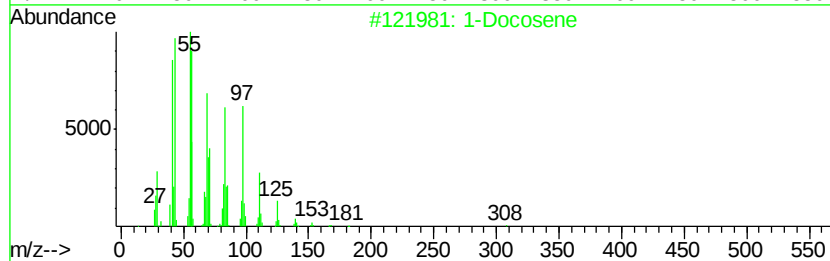
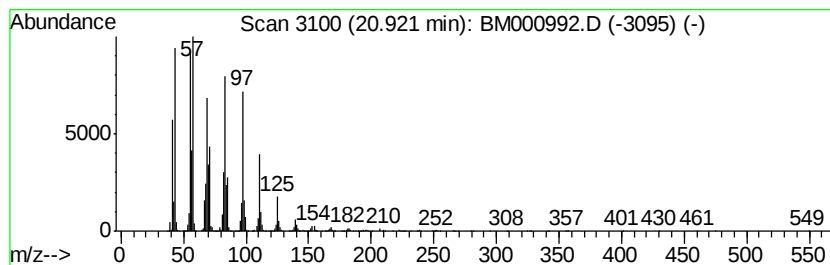
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Trichloroacetic acid, penta... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	24.22 ng/ul	6533000	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	94
2		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
3		2-Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	91
4		1-Nonadecene	266	C19H38	018435-45-5	91
5		5-Eicosene, (E)-	280	C20H40	074685-30-6	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
Data File : BM000992.D
Acq On : 14 Apr 2015 20:13
Operator : TP/IZ
Sample : G1858-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P001-SS019-0006-01

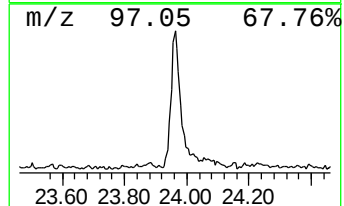
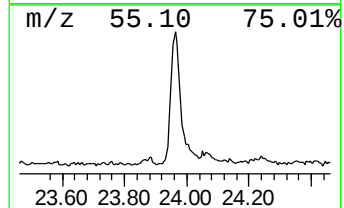
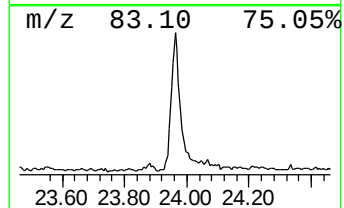
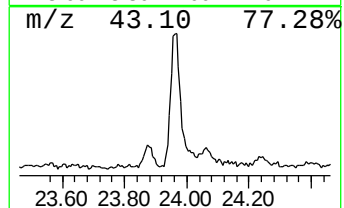
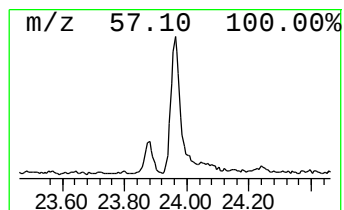
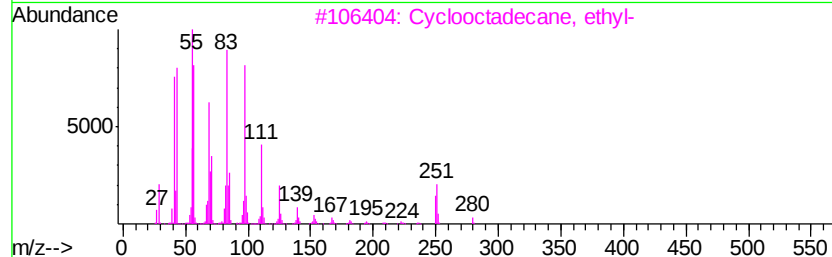
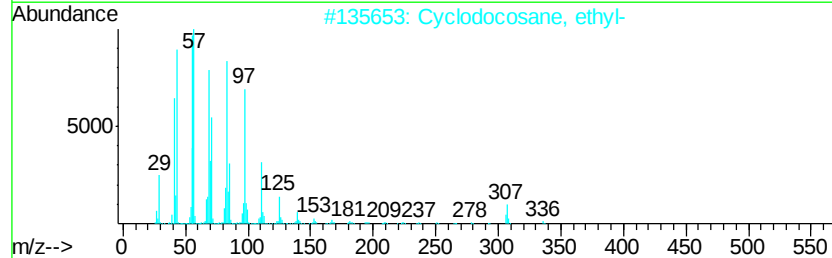
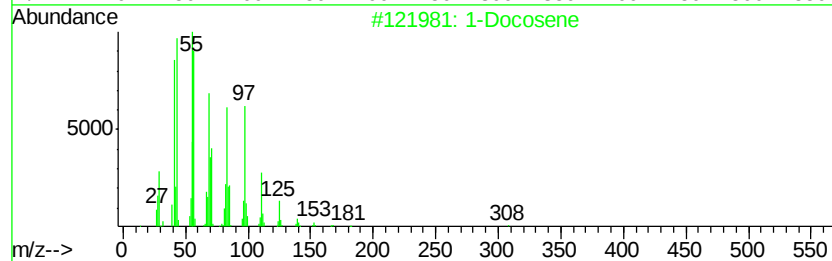
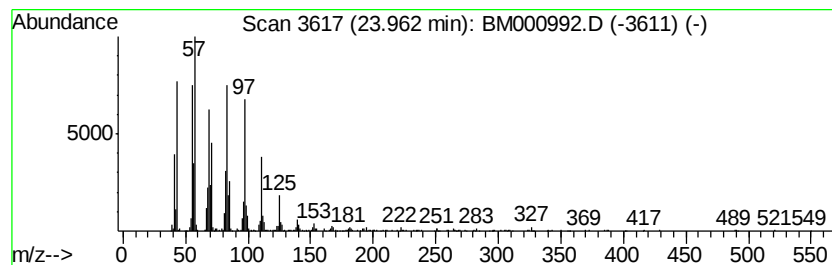
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM041415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.96	7.66 ng/ul	2010250	Perylene-d12	23.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	91
2		Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	90
3		Cyclooctadecane, ethyl-	280	C20H40	1000151-22-5	87
4		Cycloeicosane	280	C20H40	000296-56-0	87
5		1-Triacontanol	438	C30H62O	000593-50-0	74



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
Data File : BM000992.D
Acq On : 14 Apr 2015 20:13
Operator : TP/IZ
Sample : G1858-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P001-SS019-0006-01

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	11.3	ng/ul	1371380	1	7.60	2438670	20.0
Benzophenone	15.62	5.2	ng/ul	1073860	3	14.26	4148130	20.0
n-Hexadecanoic acid	17.91	6.1	ng/ul	1421640	4	17.00	4668420	20.0
Octadecanoic acid	19.20	2.5	ng/ul	672251	5	21.20	5393710	20.0
Trichloroacetic a...	20.92	24.2	ng/ul	6533000	5	21.20	5393710	20.0
1-Docosene	23.96	7.7	ng/ul	2010250	6	23.38	5249610	20.0