

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
 Data File : BM000978.D
 Acq On : 14 Apr 2015 09:17
 Operator : TP/IZ
 Sample : G1858-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SD002-0006-01

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	491240	967150	33.94%	2.257%
2	2.816	18	22	28	rVB	246502	311024	10.91%	0.726%
3	3.363	113	115	119	rBV4	12104	17135	0.60%	0.040%
4	3.499	136	138	142	rVB3	10671	13429	0.47%	0.031%
5	3.599	151	155	158	rBV	28144	40006	1.40%	0.093%
6	3.634	158	161	164	rVV3	22628	29111	1.02%	0.068%
7	3.663	164	166	171	rVB6	9105	11780	0.41%	0.027%
8	3.810	189	191	196	rVB5	8638	8750	0.31%	0.020%
9	4.710	342	344	351	rVV5	8482	14848	0.52%	0.035%
10	4.822	360	363	369	rVB6	7988	14690	0.52%	0.034%
11	4.969	384	388	394	rVV5	16628	30024	1.05%	0.070%
12	6.534	650	654	657	rBV5	6265	9125	0.32%	0.021%
13	6.781	689	696	708	rBV	585921	990571	34.76%	2.312%
14	6.940	716	723	733	rBV	461666	703523	24.69%	1.642%
15	7.134	749	756	765	rBV	588272	908300	31.87%	2.120%
16	7.228	769	772	778	rVB5	21362	30017	1.05%	0.070%
17	7.598	829	835	844	rVV	677198	1085219	38.08%	2.533%
18	7.669	844	847	853	rVV6	6550	11364	0.40%	0.027%
19	8.316	949	957	965	rBV	636183	1017394	35.70%	2.375%
20	8.757	1025	1032	1041	rBV	548197	865251	30.36%	2.020%
21	9.181	1101	1104	1109	rVB7	9545	14983	0.53%	0.035%
22	9.475	1146	1154	1164	rVV	434224	713347	25.03%	1.665%
23	10.010	1239	1245	1257	rBV	669753	1096892	38.49%	2.560%
24	10.386	1299	1309	1320	rBV	942506	1560094	54.75%	3.641%
25	10.528	1326	1333	1351	rVV	561615	1017747	35.71%	2.375%
26	11.710	1529	1534	1540	rVV	124538	187263	6.57%	0.437%
27	11.980	1576	1580	1584	rBV3	12367	18414	0.65%	0.043%
28	12.416	1649	1654	1658	rBV6	7976	15260	0.54%	0.036%
29	12.598	1679	1685	1693	rVB3	25569	44315	1.56%	0.103%
30	12.857	1723	1729	1735	rBV3	35867	53926	1.89%	0.126%
31	13.080	1763	1767	1771	rVV5	11922	13006	0.46%	0.030%
32	13.245	1791	1795	1800	rVB6	6690	9846	0.35%	0.023%
33	13.404	1817	1822	1827	rBV	12738	24636	0.86%	0.058%
34	13.675	1861	1868	1872	rBV	1211304	1691669	59.36%	3.948%

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Integrator: RTE
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35	13.716	1872	1875	1881	rVB	257140	346560	12.16%	0.809%
36	13.945	1904	1914	1925	rBV	1294779	1944845	68.25%	4.539%
37	14.163	1945	1951	1958	rVB4	19473	32830	1.15%	0.077%
38	14.257	1958	1967	1975	rBV2	1266123	1949253	68.40%	4.550%
39	14.469	1995	2003	2011	rBV	389494	622607	21.85%	1.453%
40	14.533	2011	2014	2021	rVB7	21737	37823	1.33%	0.088%
41	14.692	2039	2041	2046	rVB5	8733	9156	0.32%	0.021%
42	14.792	2052	2058	2063	rBV10	6399	10929	0.38%	0.026%
43	15.033	2096	2099	2103	rVV	31232	42862	1.50%	0.100%
44	15.116	2110	2113	2120	rVB4	12316	20485	0.72%	0.048%
45	15.251	2129	2136	2143	rBV	1595353	2345362	82.30%	5.474%
46	15.310	2143	2146	2151	rVB4	8415	11419	0.40%	0.027%
47	15.380	2153	2158	2166	rBV	398705	519492	18.23%	1.213%
48	15.492	2172	2177	2186	rVB4	18060	30921	1.09%	0.072%
49	15.621	2191	2199	2208	rBV	664714	893784	31.36%	2.086%
50	15.986	2257	2261	2262	rVV4	10067	13532	0.47%	0.032%
51	16.398	2326	2331	2333	rBV6	5802	9609	0.34%	0.022%
52	16.557	2352	2358	2361	rBV6	5696	9258	0.32%	0.022%
53	16.727	2381	2387	2391	rBV5	8878	15483	0.54%	0.036%
54	16.768	2391	2394	2402	rBV6	9582	20832	0.73%	0.049%
55	17.004	2427	2434	2439	rVV2	1570337	2264027	79.45%	5.284%
56	17.045	2439	2441	2445	rVV2	80076	100448	3.52%	0.234%
57	17.104	2445	2451	2461	rVV	1639926	2386173	83.74%	5.569%
58	17.204	2466	2468	2473	rVV4	14324	19186	0.67%	0.045%
59	17.368	2493	2496	2500	rBV5	4238	8673	0.30%	0.020%
60	17.780	2564	2566	2572	rBV5	8829	17208	0.60%	0.040%
61	17.857	2574	2579	2581	rBV5	15237	24352	0.85%	0.057%
62	17.910	2583	2588	2598	rVV2	231497	388598	13.64%	0.907%
63	18.068	2611	2615	2620	rBV3	19003	28809	1.01%	0.067%
64	18.198	2633	2637	2641	rBV7	11332	17338	0.61%	0.040%
65	18.227	2641	2642	2647	rVB5	10163	12567	0.44%	0.029%
66	18.386	2665	2669	2672	rBV4	12102	17075	0.60%	0.040%
67	18.427	2674	2676	2679	rVB3	9103	9042	0.32%	0.021%
68	18.815	2736	2742	2743	rVV6	12343	16501	0.58%	0.039%
69	18.827	2743	2744	2748	rVB4	8829	11988	0.42%	0.028%
70	19.068	2775	2785	2789	rBV	203074	329662	11.57%	0.769%
71	19.104	2789	2791	2796	rVB2	42622	43469	1.53%	0.101%

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72	19.198	2800	2807	2816	rBV4	80709	162870	5.72%	0.380%
73	19.292	2818	2823	2826	rBV3	12915	19061	0.67%	0.044%
74	19.339	2828	2831	2836	rVB	135658	159480	5.60%	0.372%
75	19.404	2836	2842	2850	rBV	1981343	2849646	100.00%	6.651%
76	19.609	2875	2877	2882	rVB3	13573	18845	0.66%	0.044%
77	19.680	2886	2889	2894	rVB7	13792	19569	0.69%	0.046%
78	19.756	2897	2902	2908	rBV8	16768	36523	1.28%	0.085%
79	19.933	2927	2932	2934	rBV3	52193	73850	2.59%	0.172%
80	19.956	2934	2936	2940	rVB2	34851	40661	1.43%	0.095%
81	20.033	2945	2949	2953	rVB2	30554	39989	1.40%	0.093%
82	20.086	2953	2958	2963	rBV7	21501	41238	1.45%	0.096%
83	20.133	2963	2966	2968	rBV4	8519	10724	0.38%	0.025%
84	20.186	2970	2975	2978	rBV6	25133	30331	1.06%	0.071%
85	20.280	2989	2991	2994	rBV4	10503	11459	0.40%	0.027%
86	20.339	2994	3001	3006	rBV6	26478	47038	1.65%	0.110%
87	20.392	3006	3010	3015	rVV2	116518	129097	4.53%	0.301%
88	20.456	3016	3021	3024	rVV2	81618	100169	3.52%	0.234%
89	20.492	3025	3027	3030	rVB3	25907	22443	0.79%	0.052%
90	20.915	3091	3099	3110	rBV	1675896	2050095	71.94%	4.785%
91	21.198	3140	3147	3152	rBV	2009494	2752659	96.60%	6.425%
92	21.315	3164	3167	3170	rBV3	97875	106154	3.73%	0.248%
93	21.356	3170	3174	3178	rVV	119155	128656	4.51%	0.300%
94	21.798	3243	3249	3260	rVB3	90870	241943	8.49%	0.565%
95	22.227	3318	3322	3326	rVB	64047	82859	2.91%	0.193%
96	22.727	3401	3407	3412	rBV4	99430	272262	9.55%	0.635%
97	23.186	3483	3485	3487	rBV2	35239	39050	1.37%	0.091%
98	23.244	3488	3495	3509	rVB2	1168709	2303929	80.85%	5.377%
99	23.380	3511	3518	3525	rBV	1383478	2494949	87.55%	5.823%
100	23.956	3611	3616	3627	rBV	207739	436340	15.31%	1.018%

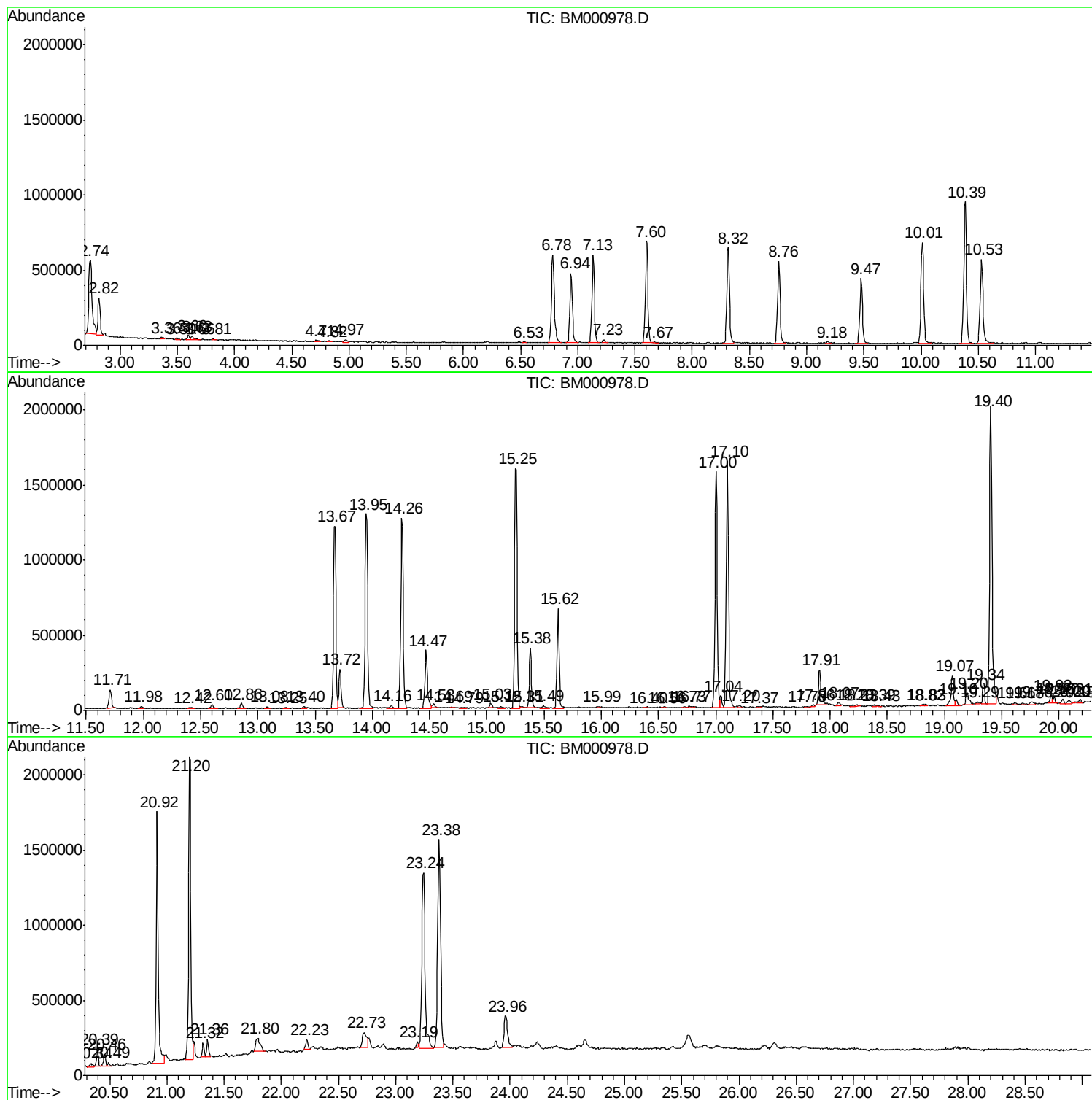
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM041415.M
Quant Title : SVOA CALIBRATION

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



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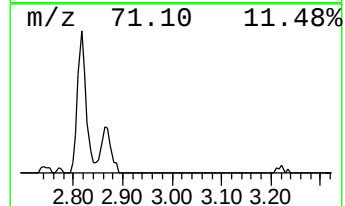
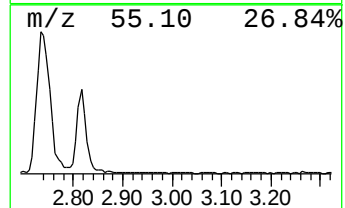
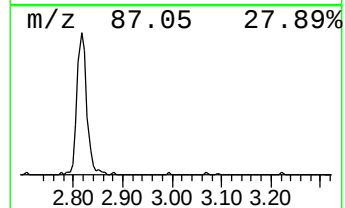
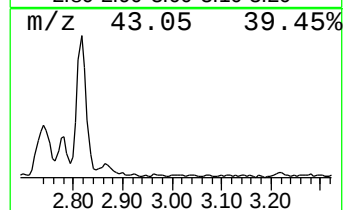
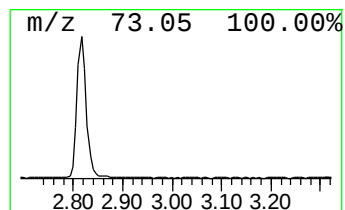
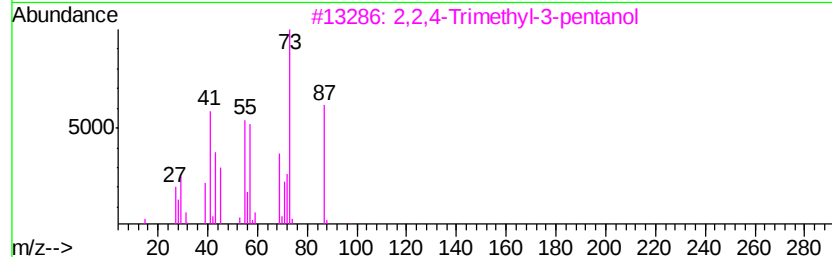
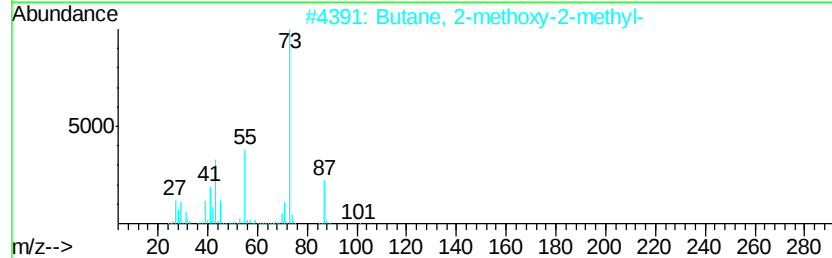
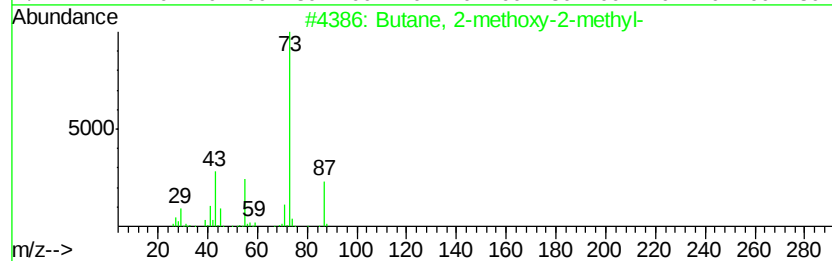
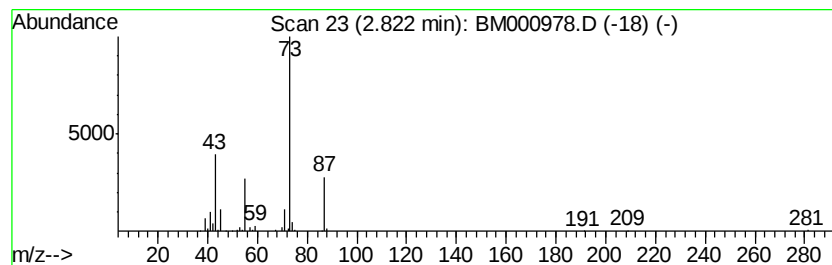
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM041415.M
Quant Title : SVOA CALIBRATION

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	5.73 ng/ul	311024	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	40
4	Pentane, 3-methoxy-	102 C6H14O	036839-67-5	12
5	1,3-Dioxolane, 2-methyl-	88 C4H8O2	000497-26-7	9



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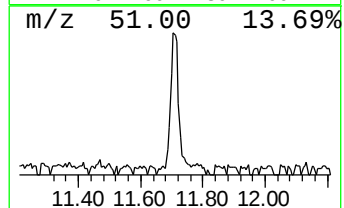
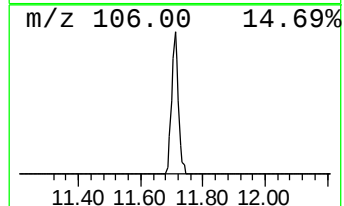
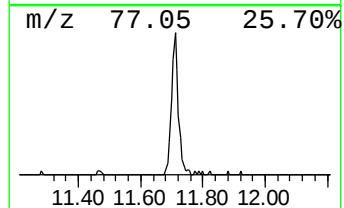
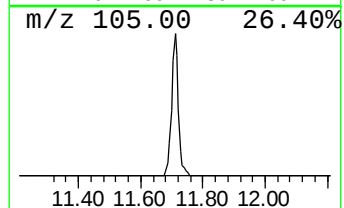
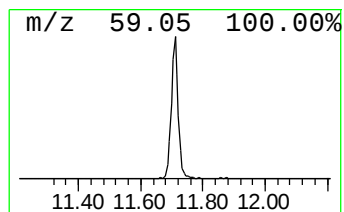
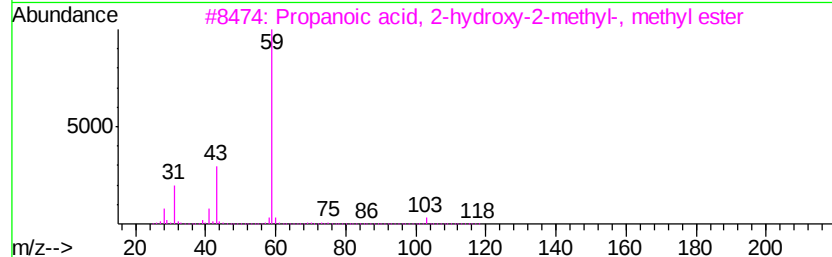
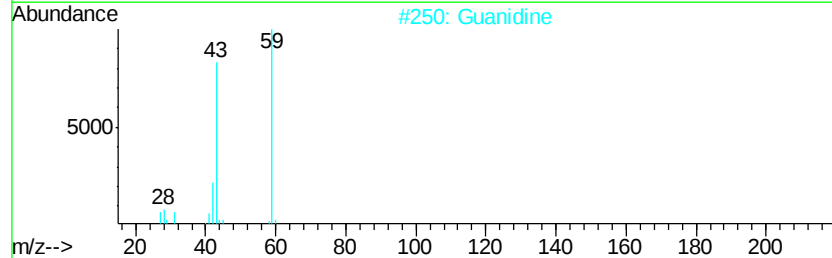
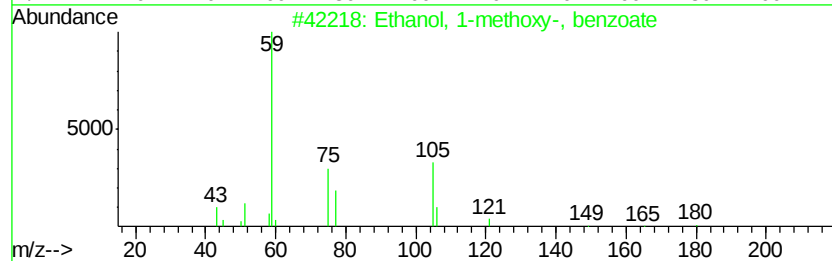
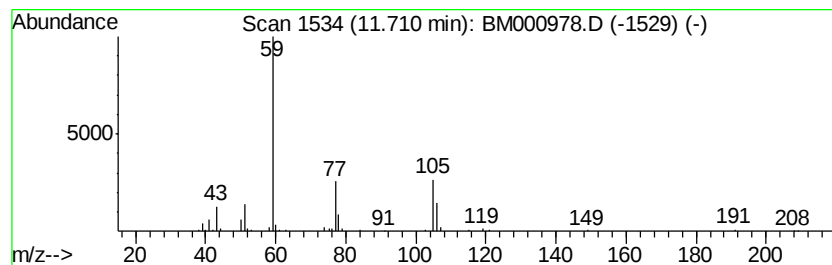
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	2.40 ng/ul	187263	Naphthalene-d8	10.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 1-methoxy-, benzoate	180	C10H12O3	051835-44-0	50
2		Guanidine	59	CH5N3	000113-00-8	9
3		Propanoic acid, 2-hydroxy-2-meth...	118	C5H10O3	002110-78-3	9
4		2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	9
5		Propanedioic acid, (benzoylhydra...	282	C12H14N2O6	1000142-99-9	9



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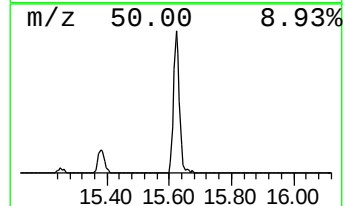
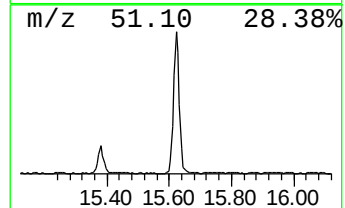
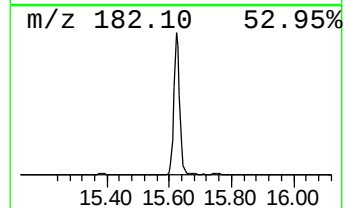
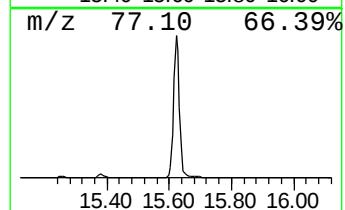
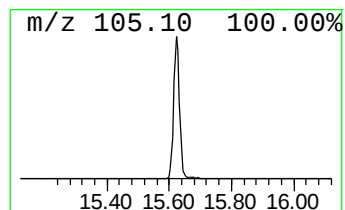
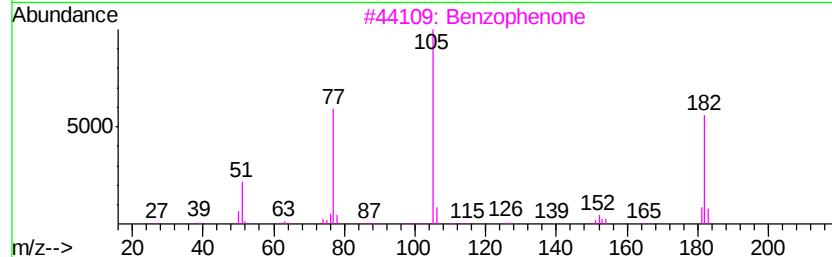
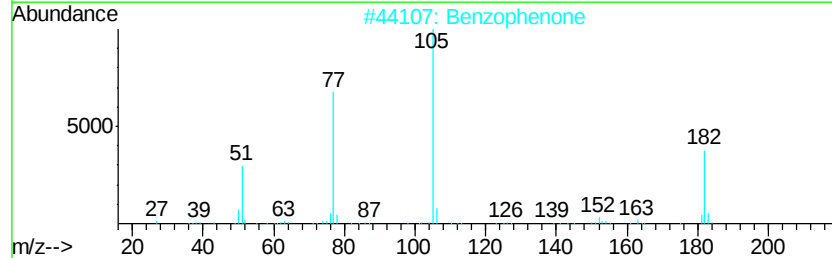
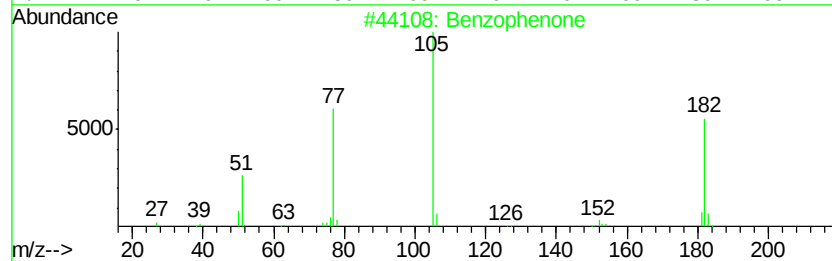
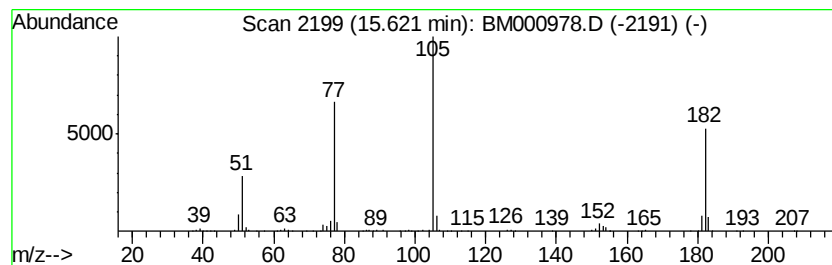
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Peak Number 4 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	9.17 ng/ul	893784	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	95
3	Benzophenone		182	C13H10O	000119-61-9	94
4	Benzophenone		182	C13H10O	000119-61-9	94
5	Benzophenone		182	C13H10O	000119-61-9	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
Data File : BM000978.D
Acq On : 14 Apr 2015 09:17
Operator : TP/IZ
Sample : G1858-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P001-SD002-0006-01

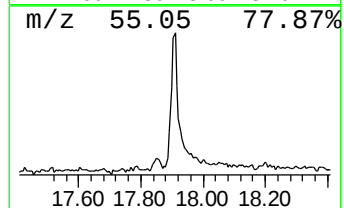
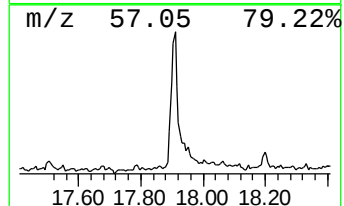
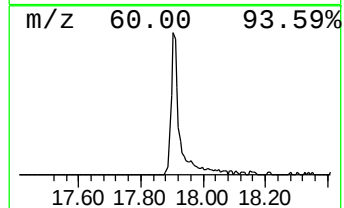
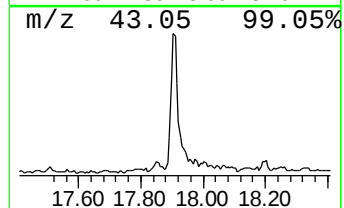
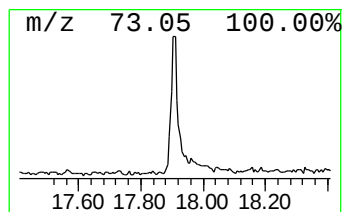
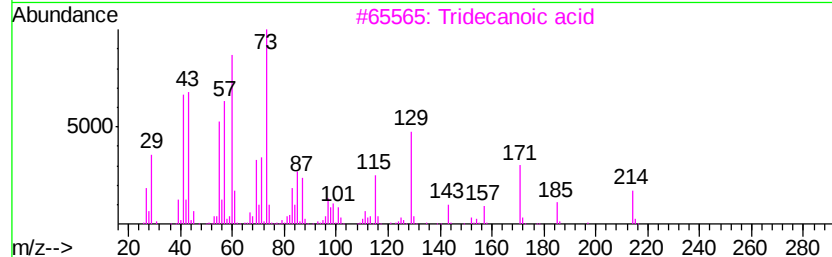
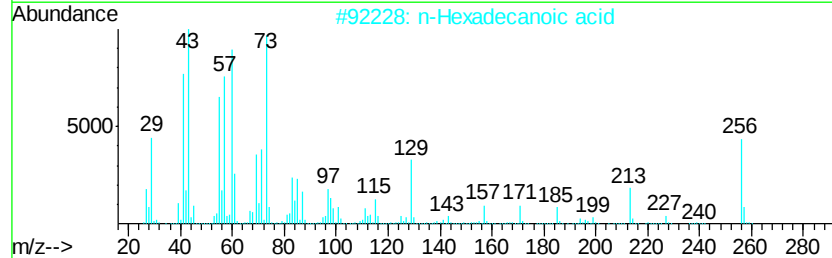
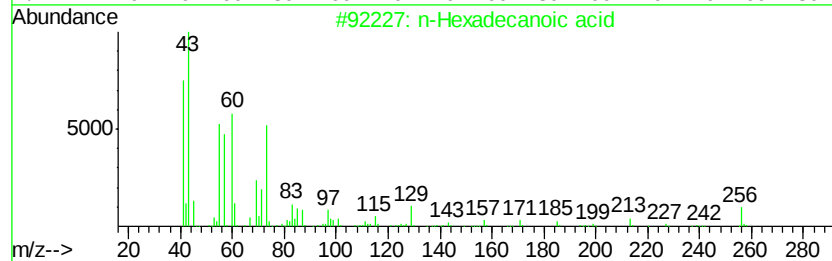
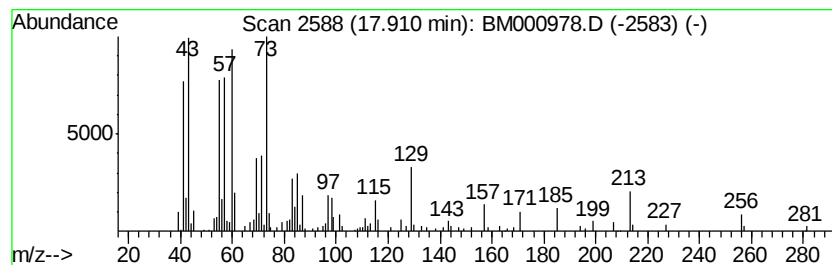
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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	3.43 ng/ul	388598	Phenanthrene-d10	17.00

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		Tridecanoic acid	214	C13H26O2	000638-53-9	95
4		Tridecanoic acid	214	C13H26O2	000638-53-9	81
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
Data File : BM000978.D
Acq On : 14 Apr 2015 09:17
Operator : TP/IZ
Sample : G1858-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P001-SD002-0006-01

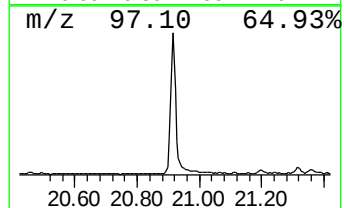
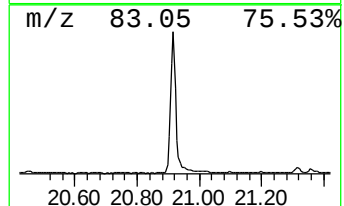
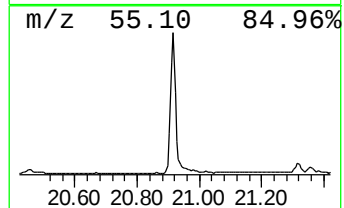
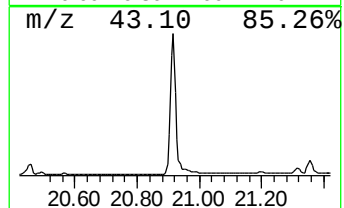
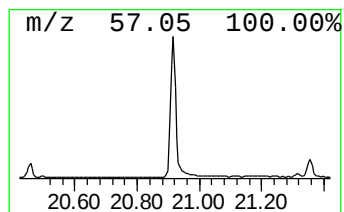
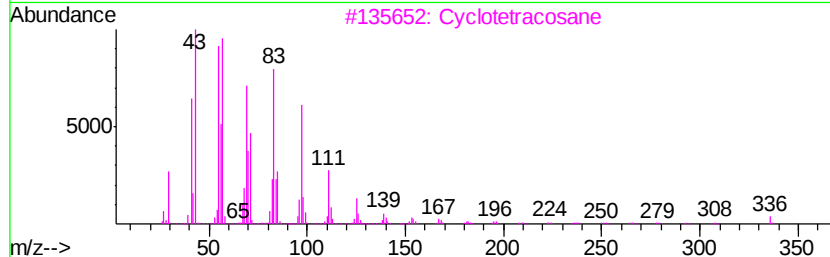
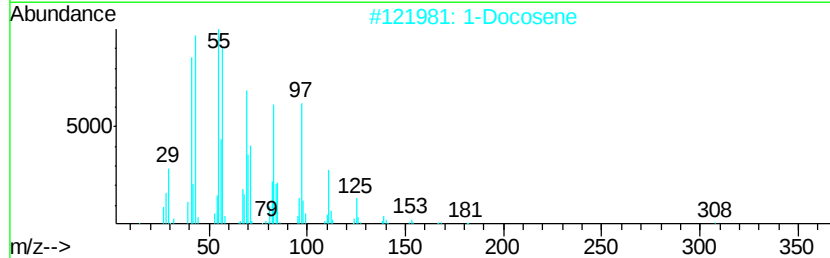
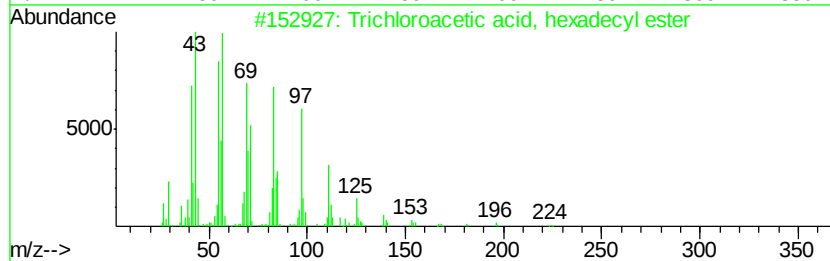
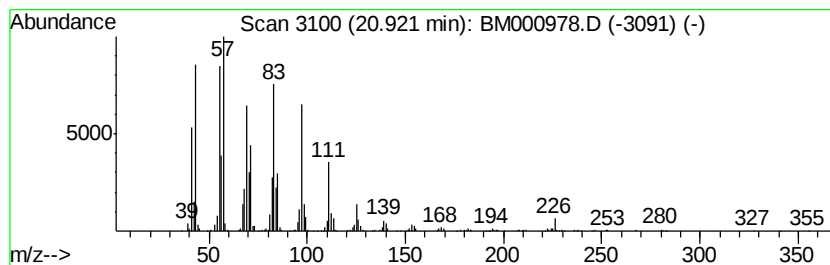
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	14.90 ng/ul	2050100	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
2		1-Docosene	308	C22H44	001599-67-3	94
3		Cyclotetracosane	336	C24H48	000297-03-0	91
4		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
5		1-Tricosene	322	C23H46	018835-32-0	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
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Acq On : 14 Apr 2015 09:17
Operator : TP/IZ
Sample : G1858-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P001-SD002-0006-01

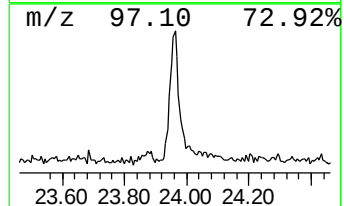
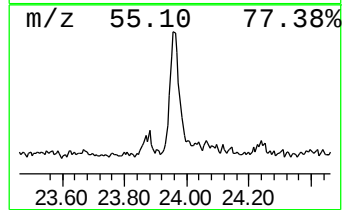
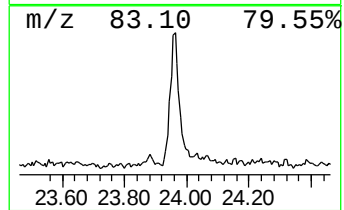
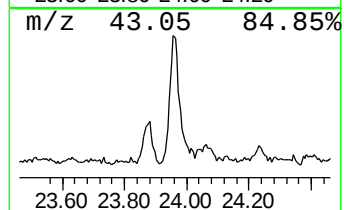
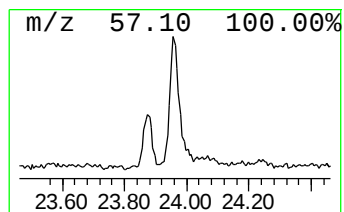
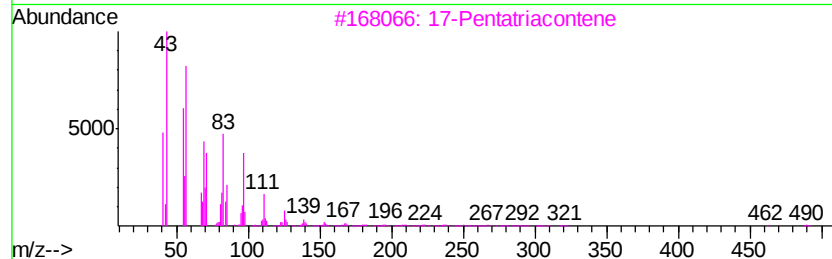
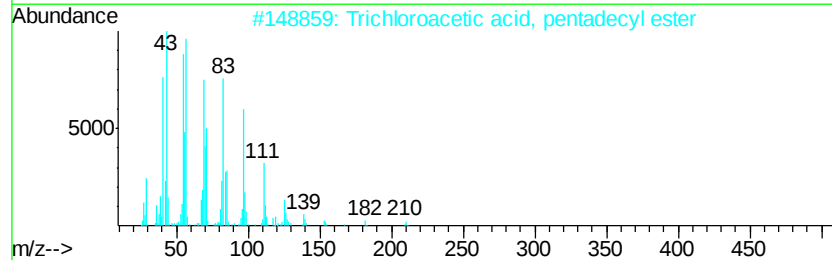
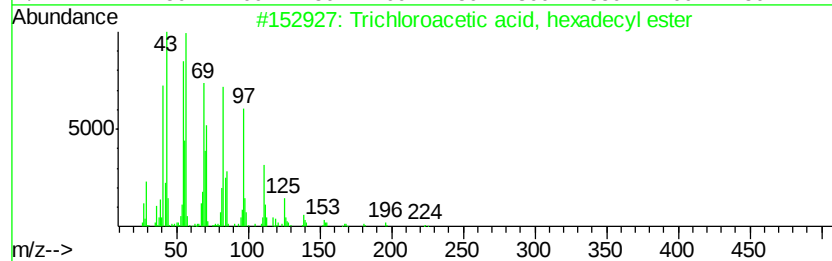
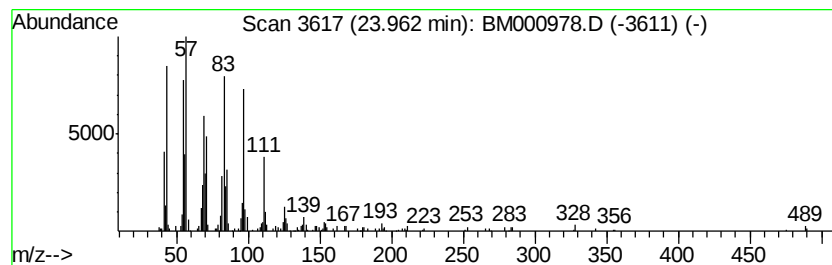
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM041415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 17-Pentatriacontene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.96	3.50 ng/ul	436340	Perylene-d12	23.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
3		17-Pentatriacontene	491	C35H70	006971-40-0	91
4		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	90
5		1-Heneicosyl formate	340	C22H44O2	077899-03-7	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
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Acq On : 14 Apr 2015 09:17
Operator : TP/IZ
Sample : G1858-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P001-SD002-0006-01

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	5.7	ng/ul	311024	1	7.60	1085220	20.0
Ethanol, 1-methox...	11.71	2.4	ng/ul	187263	2	10.39	1560090	20.0
Benzophenone	15.62	9.2	ng/ul	893784	3	14.26	1949250	20.0
n-Hexadecanoic acid	17.91	3.4	ng/ul	388598	4	17.00	2264030	20.0
Trichloroacetic a...	20.92	14.9	ng/ul	2050100	5	21.20	2752660	20.0
17-Pentatriacontene	23.96	3.5	ng/ul	436340	6	23.38	2494950	20.0