

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070215\
 Data File : BM001818.D
 Acq On : 02 Jul 2015 14:32
 Operator : TP/UM
 Sample : G2860-19
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G93K4

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\SOM02.2-EPA-BM061515.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	2.804	16	20	29	rVB3	22414	34612	3.17%	0.283%
2	2.881	29	33	40	rBV	178087	202451	18.55%	1.655%
3	3.140	74	77	83	rVB	8062	10118	0.93%	0.083%
4	3.410	118	123	129	rVV3	2228	3946	0.36%	0.032%
5	3.581	147	152	156	rVB4	2126	2984	0.27%	0.024%
6	3.693	167	171	174	rVB3	2932	2731	0.25%	0.022%
7	3.869	198	201	206	rVB3	1821	2584	0.24%	0.021%
8	4.769	350	354	359	rBB2	2256	3455	0.32%	0.028%
9	6.828	698	704	712	rBB	151091	226035	20.71%	1.848%
10	6.998	728	733	740	rVB	105277	158523	14.52%	1.296%
11	7.192	760	766	772	rBB	146698	226771	20.77%	1.854%
12	7.663	840	846	852	rBB	224669	347532	31.84%	2.841%
13	8.363	958	965	973	rBB	191295	286360	26.23%	2.341%
14	8.822	1036	1043	1050	rBB	125085	206048	18.88%	1.684%
15	9.539	1159	1165	1171	rVB	107236	165982	15.21%	1.357%
16	10.069	1249	1255	1264	rBB	195094	300939	27.57%	2.460%
17	10.451	1313	1320	1326	rBV	300698	487204	44.63%	3.983%
18	10.492	1326	1327	1333	rVB	1684	2427	0.22%	0.020%
19	10.592	1338	1344	1356	rVB	172918	277516	25.42%	2.269%
20	12.910	1735	1738	1742	rBV	4086	4745	0.43%	0.039%
21	13.633	1858	1861	1865	rBV2	1308	2036	0.19%	0.017%
22	13.727	1871	1877	1881	rBV	328231	433192	39.69%	3.541%
23	13.774	1881	1885	1892	rVB	110857	145984	13.37%	1.193%
24	14.010	1918	1925	1932	rBV	342874	507618	46.50%	4.150%
25	14.215	1956	1960	1963	rVB	3522	4155	0.38%	0.034%
26	14.315	1970	1977	1984	rBV2	433798	659728	60.44%	5.393%
27	14.380	1984	1988	1993	rVB	8191	11103	1.02%	0.091%
28	14.515	2005	2011	2018	rBV	143982	202742	18.57%	1.657%
29	15.115	2108	2113	2116	rVB2	1494	1779	0.16%	0.015%
30	15.168	2116	2122	2127	rBV	9859	12106	1.11%	0.099%
31	15.310	2140	2146	2153	rBV	483492	651545	59.69%	5.326%
32	15.368	2153	2156	2161	rVV	2383	2680	0.25%	0.022%
33	15.427	2161	2166	2173	rVB	89962	122227	11.20%	0.999%
34	15.574	2186	2191	2195	rVB3	3634	6725	0.62%	0.055%

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35	15.657	2202	2205	2206	rBV	1435	1512	0.14%	0.012%
36	16.027	2265	2268	2271	rBV	13636	19610	1.80%	0.160%
37	16.198	2294	2297	2302	rVB2	1752	2195	0.20%	0.018%
38	16.368	2321	2326	2329	rBV3	2325	3397	0.31%	0.028%
39	16.533	2352	2354	2358	rVB2	1905	1591	0.15%	0.013%
40	16.633	2369	2371	2374	rBV2	2203	2507	0.23%	0.020%
41	16.786	2393	2397	2398	rVV3	1467	1686	0.15%	0.014%
42	16.821	2398	2403	2406	rVV2	12025	17353	1.59%	0.142%
43	16.874	2408	2412	2419	rVV4	4457	9222	0.84%	0.075%
44	17.062	2438	2444	2449	rBV	606361	818149	74.95%	6.688%
45	17.104	2449	2451	2455	rVV2	18141	20438	1.87%	0.167%
46	17.162	2455	2461	2470	rVV	514167	738824	67.68%	6.040%
47	17.245	2474	2475	2480	rVB	2044	1715	0.16%	0.014%
48	17.298	2480	2484	2485	rVB4	2036	1778	0.16%	0.015%
49	17.415	2503	2504	2507	rBV2	1828	2023	0.19%	0.017%
50	17.451	2507	2510	2512	rBV2	2899	3614	0.33%	0.030%
51	17.556	2523	2528	2533	rBV2	6431	7912	0.72%	0.065%
52	17.951	2589	2595	2605	rVV2	63581	93629	8.58%	0.765%
53	18.027	2606	2608	2611	rVV3	2600	3657	0.34%	0.030%
54	18.062	2611	2614	2617	rVV4	3994	5944	0.54%	0.049%
55	18.133	2620	2626	2630	rVV4	8391	15642	1.43%	0.128%
56	18.168	2630	2632	2635	rVB	3984	3633	0.33%	0.030%
57	18.215	2637	2640	2642	rVB2	1431	1784	0.16%	0.015%
58	18.256	2642	2647	2650	rBV3	2413	4060	0.37%	0.033%
59	18.315	2654	2657	2660	rBV4	1676	1904	0.17%	0.016%
60	18.386	2665	2669	2672	rVB4	2207	2755	0.25%	0.023%
61	18.539	2692	2695	2698	rVB	1531	1616	0.15%	0.013%
62	18.780	2732	2736	2739	rVB2	1988	2326	0.21%	0.019%
63	18.833	2739	2745	2746	rBV3	2401	3262	0.30%	0.027%
64	18.856	2746	2749	2753	rVV2	2725	2934	0.27%	0.024%
65	18.909	2756	2758	2760	rBV2	1970	1686	0.15%	0.014%
66	19.121	2790	2794	2799	rBV	29371	38492	3.53%	0.315%
67	19.239	2809	2814	2821	rBV2	13729	18815	1.72%	0.154%
68	19.350	2829	2833	2835	rBV	4136	5197	0.48%	0.042%
69	19.374	2835	2837	2839	rVB2	5887	5311	0.49%	0.043%
70	19.462	2845	2852	2865	rVV	663918	912450	83.59%	7.459%
71	19.556	2865	2868	2873	rVB3	2293	3482	0.32%	0.028%

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72	19.668	2882	2887	2890	rBV2	2227	3563	0.33%	0.029%
73	19.727	2894	2897	2901	rBV3	1778	2628	0.24%	0.021%
74	19.809	2907	2911	2912	rBV2	2172	2495	0.23%	0.020%
75	19.986	2934	2941	2945	rBV	8693	17039	1.56%	0.139%
76	20.092	2953	2959	2962	rBV3	6259	9230	0.85%	0.075%
77	20.121	2962	2964	2966	rVV3	1714	1857	0.17%	0.015%
78	20.139	2966	2967	2971	rVV3	2936	3523	0.32%	0.029%
79	20.186	2974	2975	2977	rVV	2376	1561	0.14%	0.013%
80	20.327	2996	2999	3002	rBV3	2654	4296	0.39%	0.035%
81	20.386	3004	3009	3021	rVB	250717	321144	29.42%	2.625%
82	20.497	3024	3028	3033	rBV3	6703	9833	0.90%	0.080%
83	20.586	3038	3043	3044	rBV4	2446	3032	0.28%	0.025%
84	20.856	3087	3089	3092	rVB3	1927	2073	0.19%	0.017%
85	20.939	3101	3103	3104	rBV2	2432	2024	0.19%	0.017%
86	20.968	3104	3108	3116	rVV	102355	146141	13.39%	1.195%
87	21.050	3119	3122	3125	rVB4	13855	14061	1.29%	0.115%
88	21.174	3142	3143	3145	rBV	1982	1575	0.14%	0.013%
89	21.256	3151	3157	3162	rBV	843477	1085756	99.47%	8.876%
90	21.291	3162	3163	3169	rVB2	16255	14672	1.34%	0.120%
91	21.374	3174	3177	3180	rVB5	5481	5768	0.53%	0.047%
92	21.415	3180	3184	3189	rBV7	6746	12581	1.15%	0.103%
93	21.797	3247	3249	3253	rBV4	8670	10130	0.93%	0.083%
94	21.862	3257	3260	3262	rVB4	5270	6540	0.60%	0.053%
95	22.209	3318	3319	3321	rBV	4675	3570	0.33%	0.029%
96	22.286	3329	3332	3335	rBV4	9000	11924	1.09%	0.097%
97	22.809	3416	3421	3425	rBV5	10177	22522	2.06%	0.184%
98	23.338	3504	3511	3522	rVB2	485412	871962	79.88%	7.128%
99	23.480	3528	3535	3547	rVB	616497	1091565	100.00%	8.923%
100	24.085	3633	3638	3647	rVB9	22278	50868	4.66%	0.416%

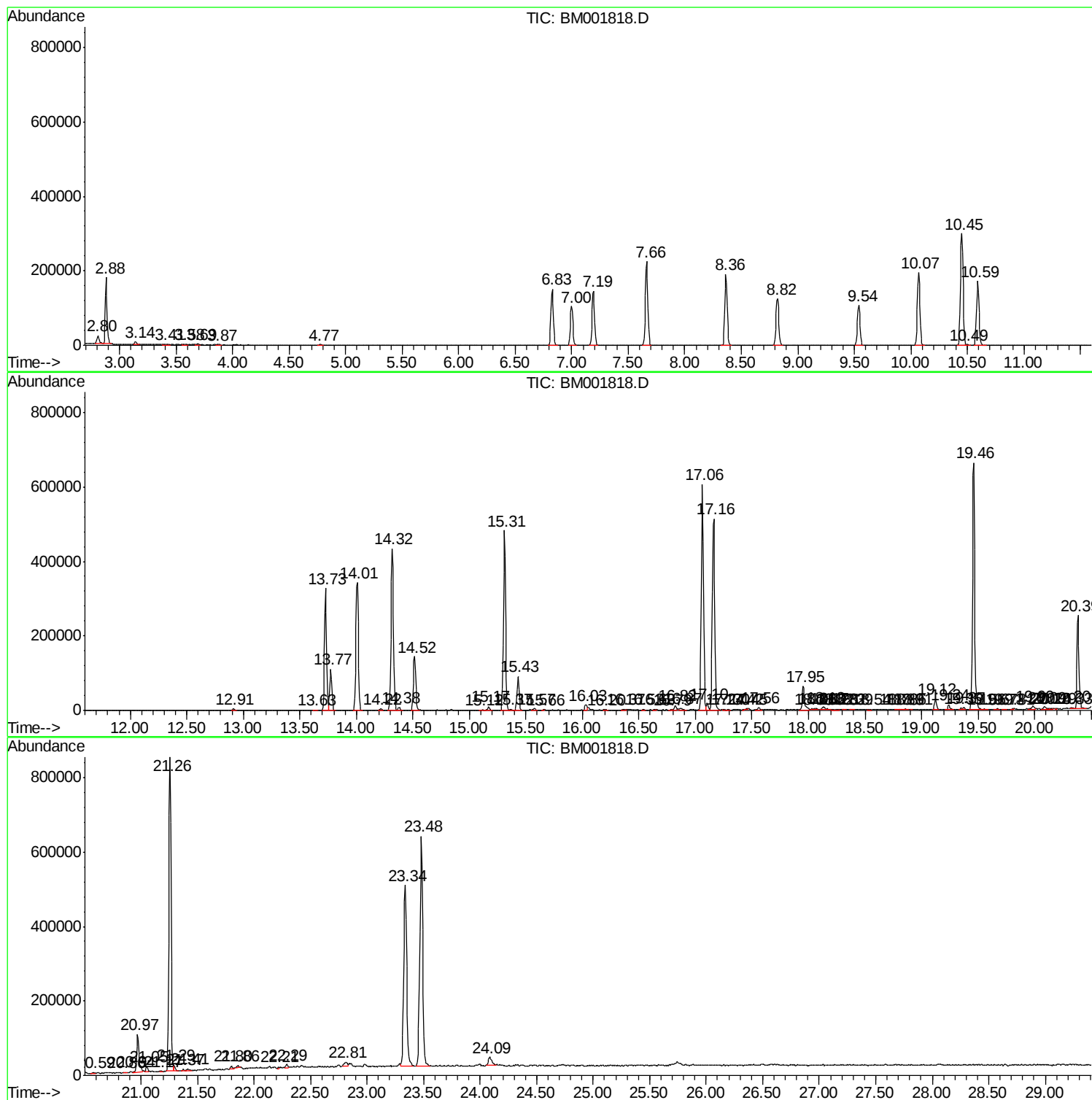
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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



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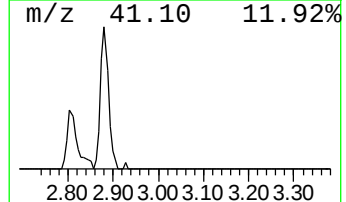
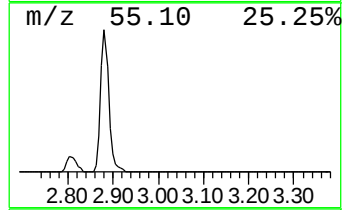
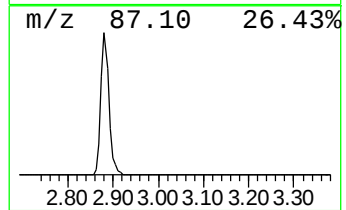
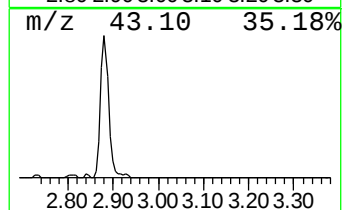
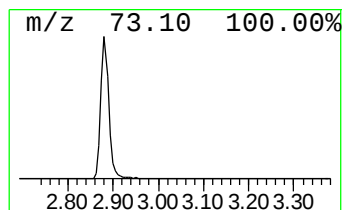
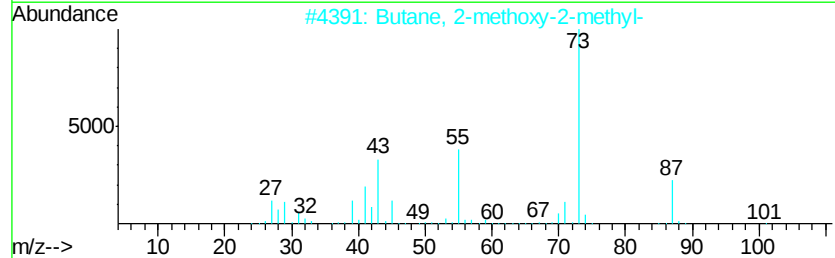
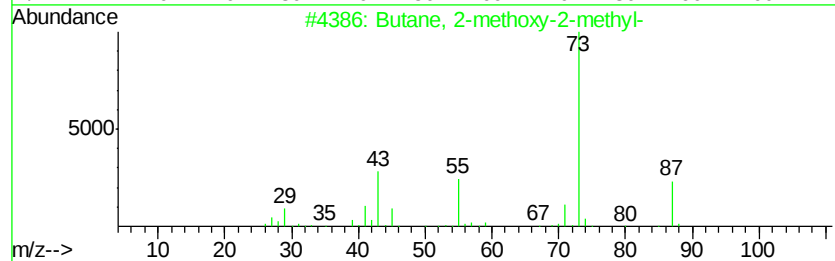
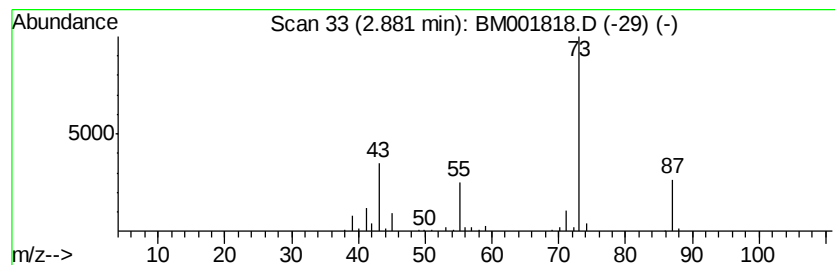
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.88	11.65 ng/ul	202451	1,4-Dichlorobenzene-d4	7.66

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	45
3			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	10



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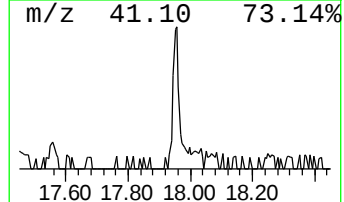
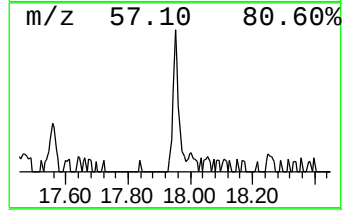
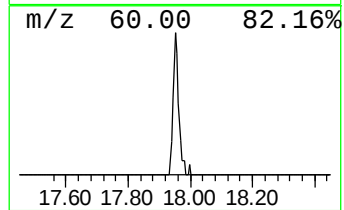
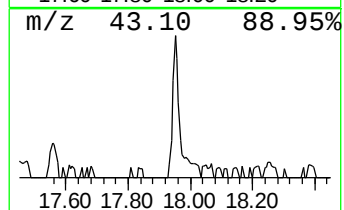
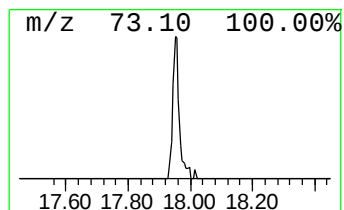
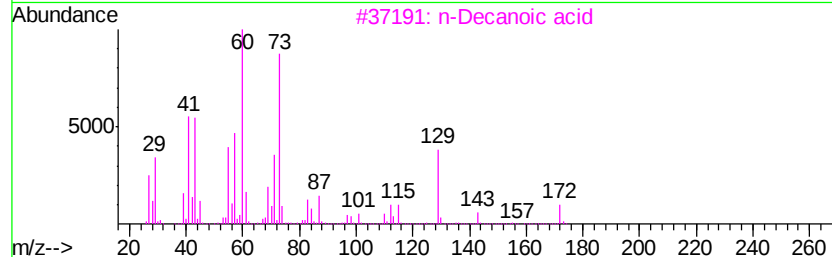
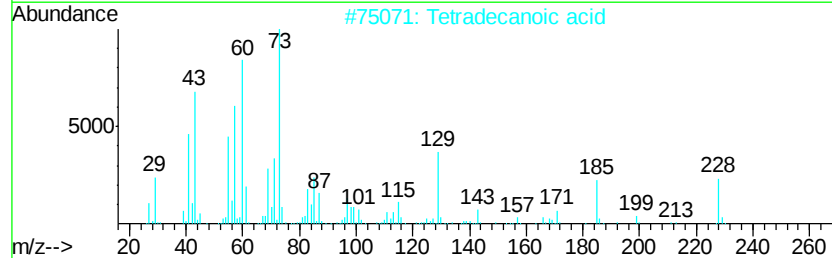
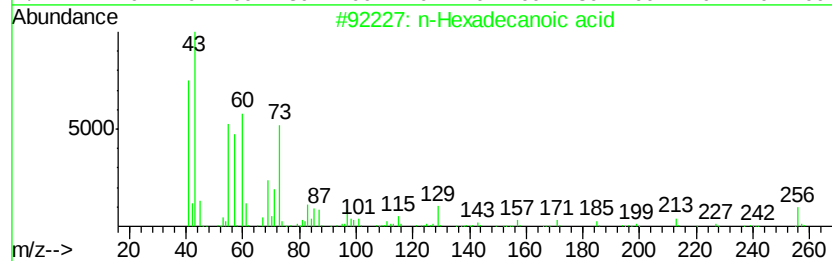
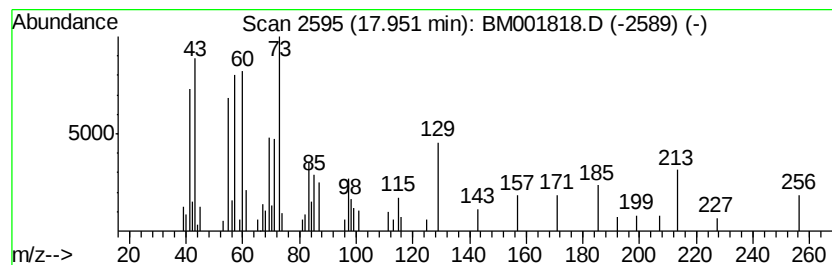
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	2.29 ng/ul	93629	Phenanthrene-d10	17.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
3		n-Decanoic acid	172	C10H20O2	000334-48-5	59
4		n-Decanoic acid	172	C10H20O2	000334-48-5	59
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	50



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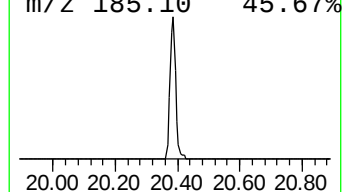
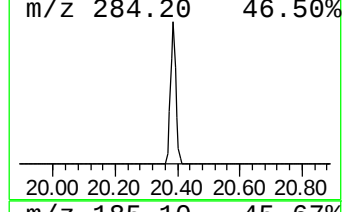
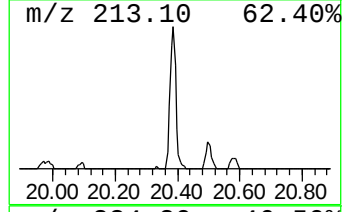
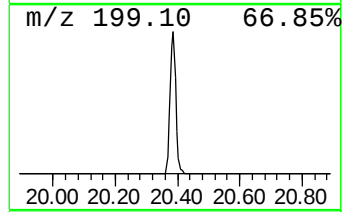
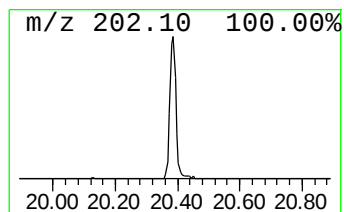
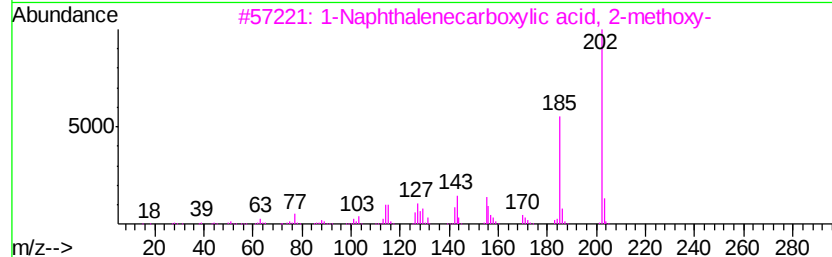
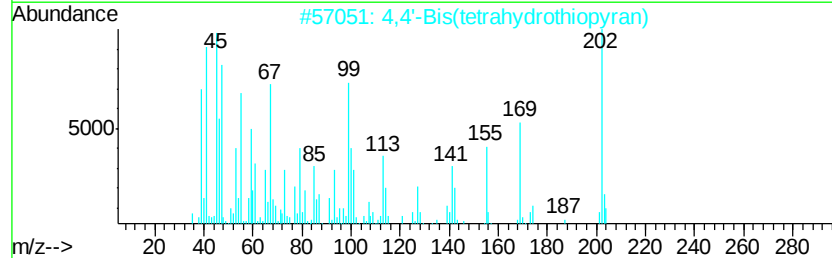
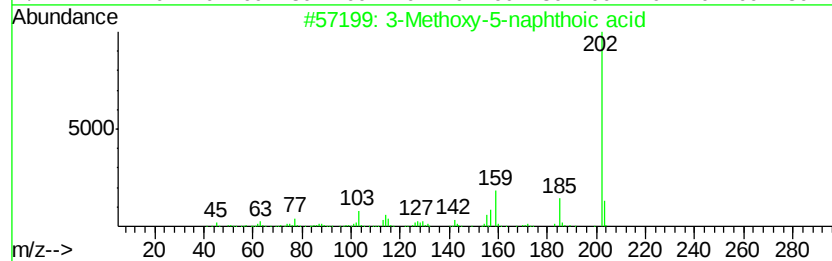
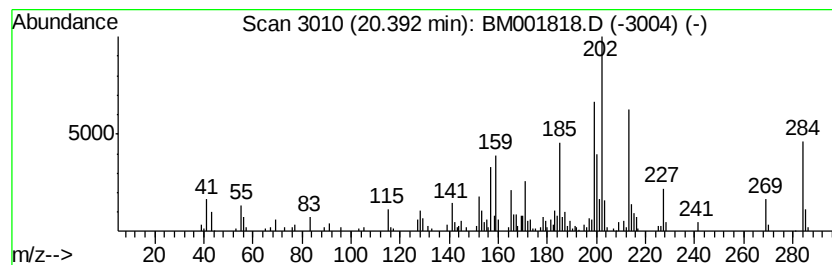
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.39	5.92 ng/ul	321144	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Methoxy-5-naphthoic acid	202	C12H10O3	007498-58-0	27
2		4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	25
3		1-Naphthalenecarboxylic acid, 2-...	202	C12H10O3	000947-62-6	18
4		Oxadiazolo[3,4-a]pyridazino[4,3-...	202	C10H10N4O	1000260-59-4	18
5		9-Methyl-S-octahydrophenanthracene	200	C15H20	023861-81-6	15



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Acq On : 02 Jul 2015 14:32
Operator : TP/UM
Sample : G2860-19
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
G93K4

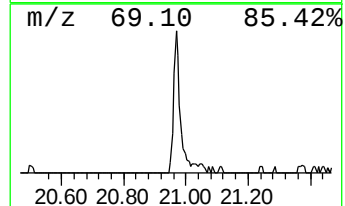
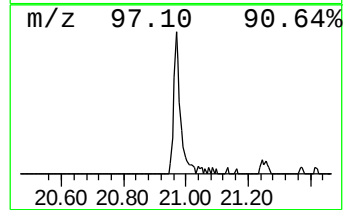
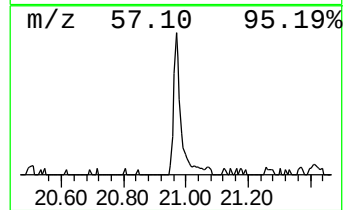
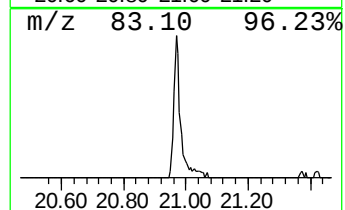
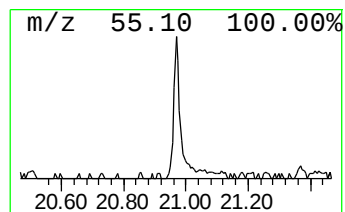
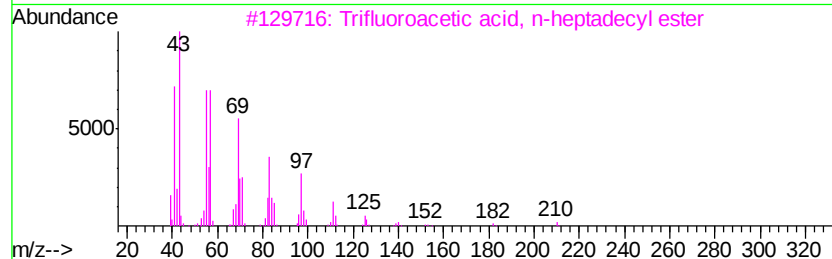
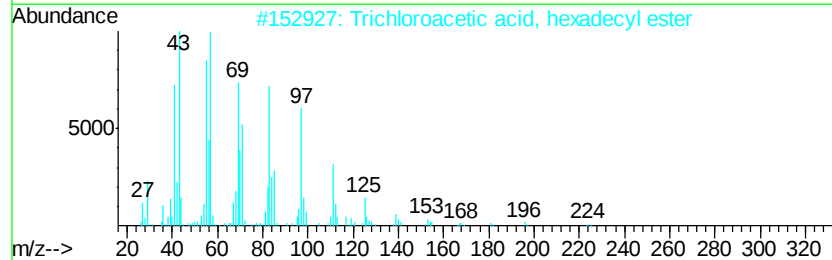
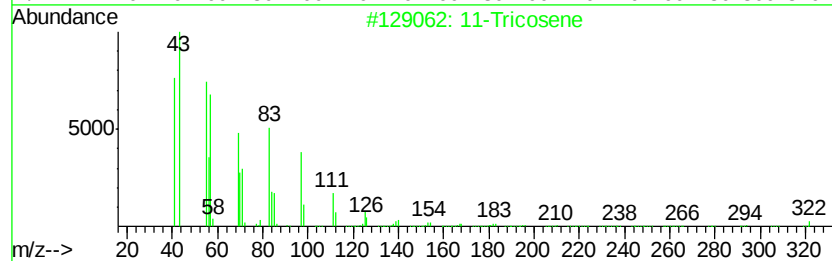
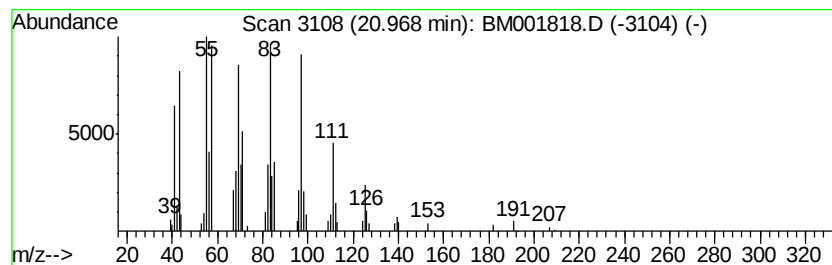
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	2.69 ng/ul	146141	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11-Tricosene	322	C23H46	052078-56-5	90
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
3		Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	90
4		1-Nonadecene	266	C19H38	018435-45-5	87
5		1-Heptadecanol	256	C17H36O	001454-85-9	86



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070215\
Data File : BM001818.D
Acq On : 02 Jul 2015 14:32
Operator : TP/UM
Sample : G2860-19
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
G93K4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.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...	2.88	11.7	ng/ul	202451	1	7.66	347532	20.0
n-Hexadecanoic acid	17.95	2.3	ng/ul	93629	4	17.06	818149	20.0
unknown-01	20.39	5.9	ng/ul	321144	5	21.26	1085760	20.0
(DEL) Alkane: Cyc...	20.97	2.7	ng/ul	146141	5	21.26	1085760	20.0