

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071615\
 Data File : BM001945.D
 Acq On : 16 Jul 2015 14:28
 Operator : TP/UM
 Sample : G2998-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01F5

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-BM071315.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	2.716	3	5	8	rVB3	1654	1874	0.12%	0.010%
2	2.746	8	10	13	rVV4	1208	1741	0.11%	0.009%
3	2.793	14	18	27	rVV2	24203	42087	2.75%	0.215%
4	2.869	27	31	43	rVB	260371	352902	23.09%	1.807%
5	3.128	72	75	80	rBV	11948	14725	0.96%	0.075%
6	3.399	119	121	126	rVB	2639	3570	0.23%	0.018%
7	3.681	166	169	173	rVB3	2513	2989	0.20%	0.015%
8	4.175	247	253	256	rVB2	1055	2054	0.13%	0.011%
9	4.763	349	353	359	rVB2	2822	4907	0.32%	0.025%
10	6.816	696	702	710	rBV	267022	409967	26.83%	2.099%
11	6.987	726	731	740	rBB	206627	313097	20.49%	1.603%
12	7.181	758	764	772	rBB	274491	421934	27.61%	2.160%
13	7.651	837	844	851	rBB	218613	333275	21.81%	1.706%
14	8.357	957	964	972	rBV	354363	558468	36.55%	2.859%
15	8.810	1034	1041	1050	rBB	267432	420027	27.49%	2.150%
16	9.528	1156	1163	1173	rBB	228786	371867	24.34%	1.904%
17	10.057	1247	1253	1263	rBV	358408	587941	38.48%	3.010%
18	10.439	1311	1318	1328	rBB	313521	522739	34.21%	2.676%
19	10.580	1336	1342	1351	rBV	312920	522556	34.20%	2.675%
20	10.639	1351	1352	1353	rVB	13928	4932	0.32%	0.025%
21	12.898	1733	1736	1740	rBV	2895	3325	0.22%	0.017%
22	13.721	1869	1876	1880	rBV	701481	965861	63.21%	4.945%
23	13.768	1880	1884	1890	rVB	294549	399222	26.13%	2.044%
24	13.998	1916	1923	1930	rBV	708802	1016073	66.49%	5.202%
25	14.204	1952	1958	1961	rVB	5237	5878	0.38%	0.030%
26	14.310	1969	1976	1983	rBV2	497189	784601	51.34%	4.017%
27	14.510	2004	2010	2019	rBV	320032	448714	29.36%	2.297%
28	15.104	2108	2111	2114	rBV	4528	5682	0.37%	0.029%
29	15.163	2116	2121	2124	rVB	12707	16135	1.06%	0.083%
30	15.304	2139	2145	2151	rBV	894332	1240521	81.18%	6.351%
31	15.427	2161	2166	2174	rBV	284693	373723	24.46%	1.913%
32	15.551	2183	2187	2193	rVB3	4372	9356	0.61%	0.048%
33	16.021	2262	2267	2279	rBV	20655	34006	2.23%	0.174%
34	16.368	2323	2326	2328	rBV2	1911	2223	0.15%	0.011%

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35	16.457	2338	2341	2348	rVB5	2411	3194	0.21%	0.016%
36	16.815	2397	2402	2405	rBV	17674	22623	1.48%	0.116%
37	16.862	2405	2410	2416	rVB5	5528	9374	0.61%	0.048%
38	17.057	2437	2443	2449	rBV	743568	1003488	65.67%	5.138%
39	17.151	2454	2459	2467	rVV2	935901	1374745	89.96%	7.038%
40	17.221	2469	2471	2476	rVB4	3149	3445	0.23%	0.018%
41	17.468	2511	2513	2515	rVB2	2139	1921	0.13%	0.010%
42	17.551	2523	2527	2531	rBV	15738	19178	1.26%	0.098%
43	17.727	2553	2557	2561	rVB2	2191	2352	0.15%	0.012%
44	17.821	2569	2573	2578	rBV3	3982	4144	0.27%	0.021%
45	17.951	2589	2595	2602	rBV	130100	167137	10.94%	0.856%
46	18.245	2641	2645	2648	rBV3	5359	6897	0.45%	0.035%
47	18.380	2664	2668	2670	rBV3	4793	4997	0.33%	0.026%
48	18.880	2751	2753	2757	rVB3	1644	1999	0.13%	0.010%
49	19.115	2790	2793	2796	rVB2	2302	3010	0.20%	0.015%
50	19.233	2809	2813	2817	rBV2	24887	30264	1.98%	0.155%
51	19.345	2827	2832	2837	rVB	6431	8664	0.57%	0.044%
52	19.392	2837	2840	2845	rVB2	2955	3717	0.24%	0.019%
53	19.456	2845	2851	2857	rBV	1138428	1511561	98.92%	7.739%
54	19.503	2857	2859	2862	rVB3	4646	4551	0.30%	0.023%
55	19.997	2939	2943	2949	rBV4	5786	9226	0.60%	0.047%
56	20.380	3005	3008	3014	rVB2	6363	8428	0.55%	0.043%
57	20.503	3023	3029	3032	rBV4	6018	10774	0.71%	0.055%
58	20.539	3032	3035	3037	rVV4	2969	2838	0.19%	0.015%
59	20.609	3044	3047	3051	rBV2	3552	4354	0.28%	0.022%
60	20.680	3058	3059	3061	rBV2	2149	1738	0.11%	0.009%
61	20.968	3103	3108	3120	rBV	210330	386980	25.32%	1.981%
62	21.044	3120	3121	3127	rVB2	16219	15735	1.03%	0.081%
63	21.168	3139	3142	3147	rVB4	7940	10625	0.70%	0.054%
64	21.256	3151	3157	3162	rBV	1039195	1348850	88.27%	6.906%
65	21.403	3178	3182	3184	rBV3	8254	9722	0.64%	0.050%
66	21.439	3184	3188	3193	rVV6	3524	7429	0.49%	0.038%
67	21.833	3251	3255	3257	rBV4	9391	13130	0.86%	0.067%
68	21.868	3257	3261	3270	rVV6	16810	43676	2.86%	0.224%
69	22.286	3329	3332	3336	rVB3	11979	15659	1.02%	0.080%
70	22.415	3348	3354	3359	rBV	151036	197197	12.90%	1.010%
71	22.744	3406	3410	3413	rBV3	7970	12986	0.85%	0.066%

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72	22.786	3414	3417	3423	rVB3	13619	20952	1.37%	0.107%
73	23.338	3503	3511	3519	rBV2	848601	1528106	100.00%	7.824%
74	23.480	3527	3535	3543	rVB	732771	1357064	88.81%	6.948%
75	23.985	3618	3621	3627	rVB5	15930	27288	1.79%	0.140%
76	24.085	3633	3638	3648	rBV6	31389	96100	6.29%	0.492%
77	24.715	3743	3745	3752	rVB4	9806	16774	1.10%	0.086%

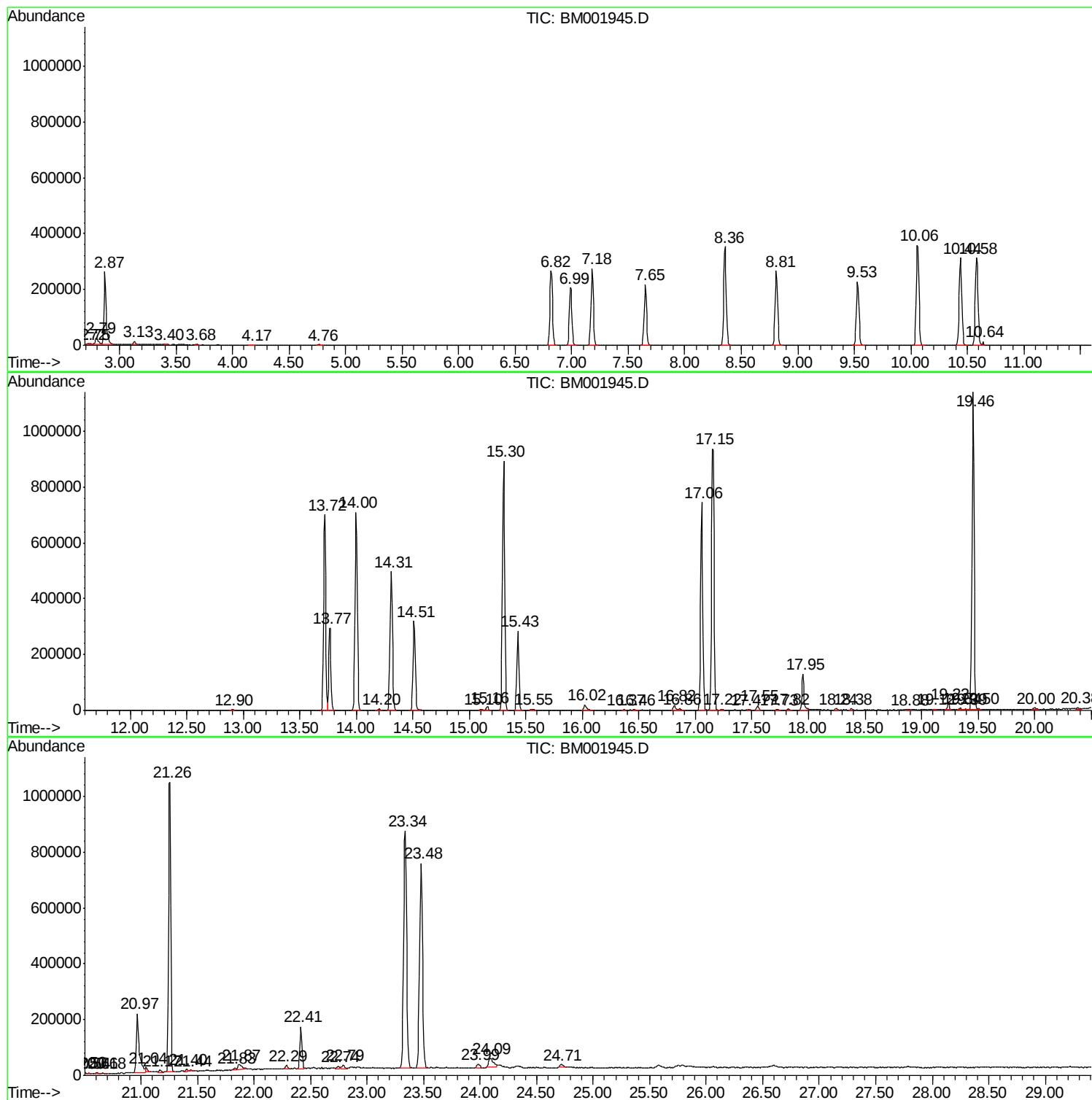
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ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071615\
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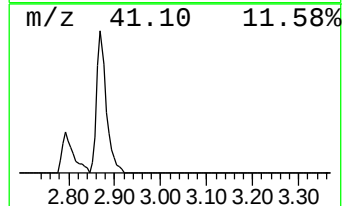
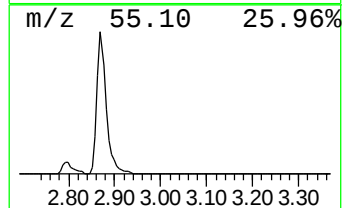
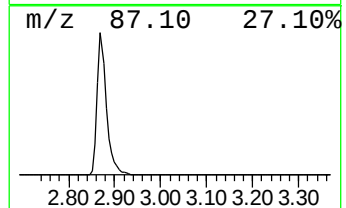
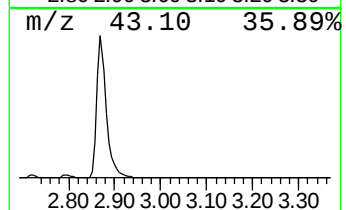
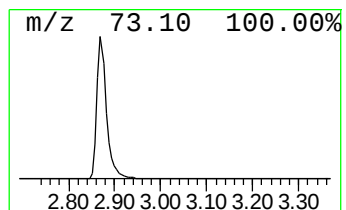
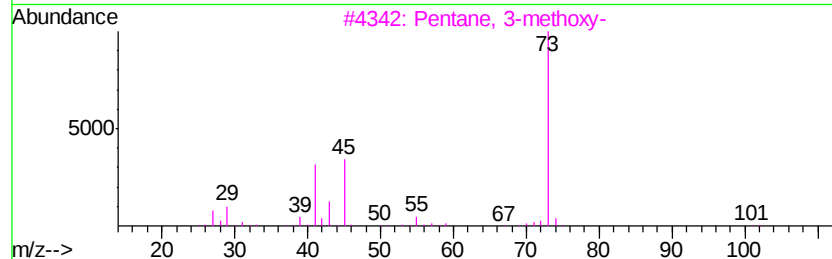
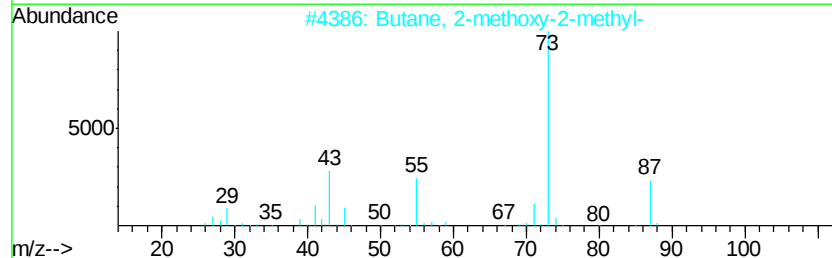
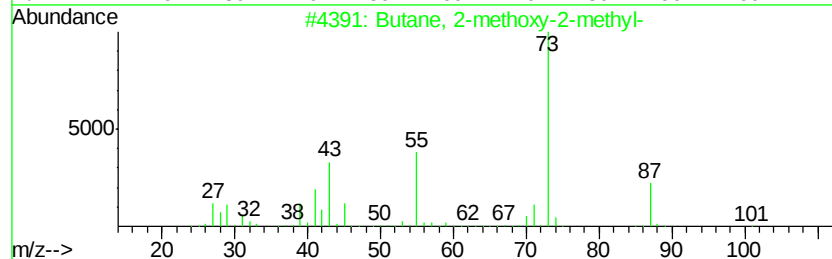
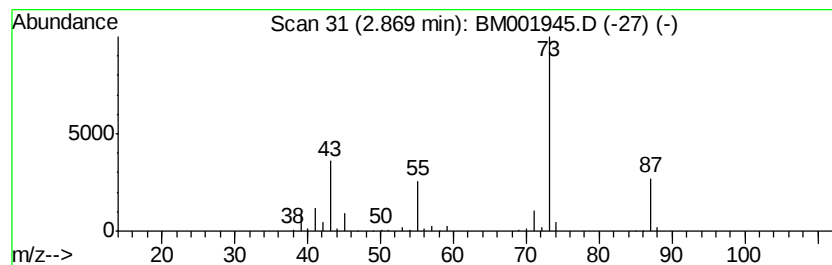
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.87	21.18 ng/ul	352902	1,4-Dichlorobenzene-d4	7.65

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			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12
5			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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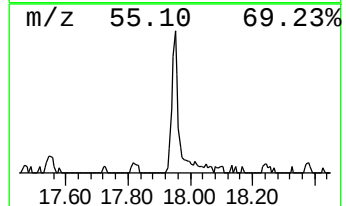
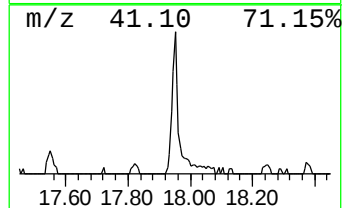
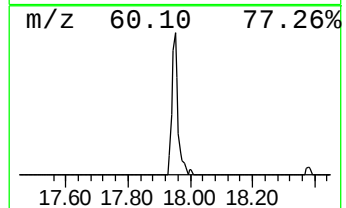
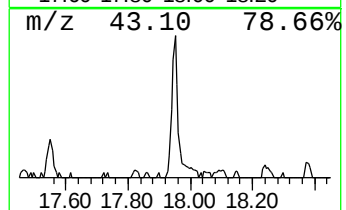
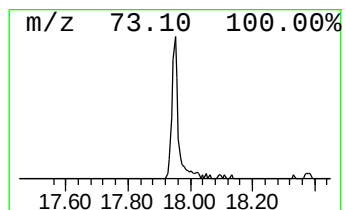
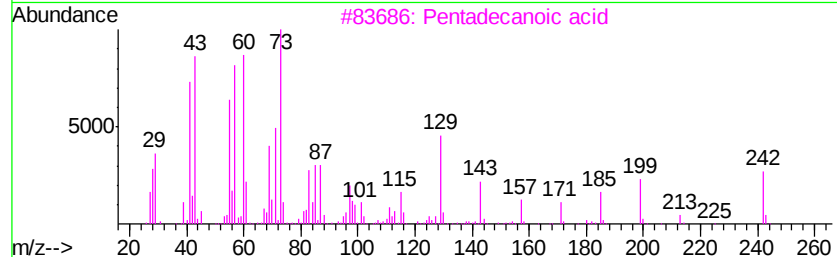
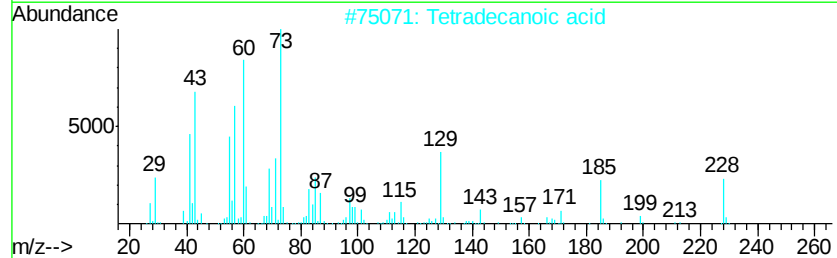
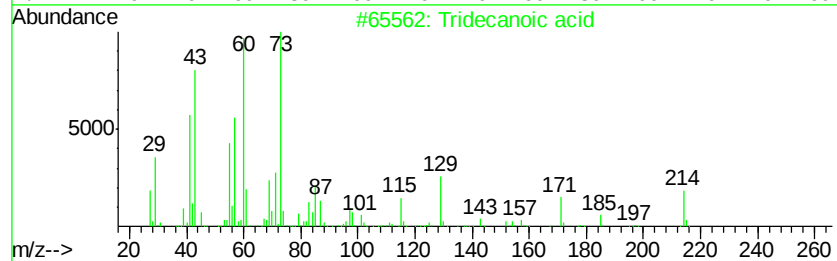
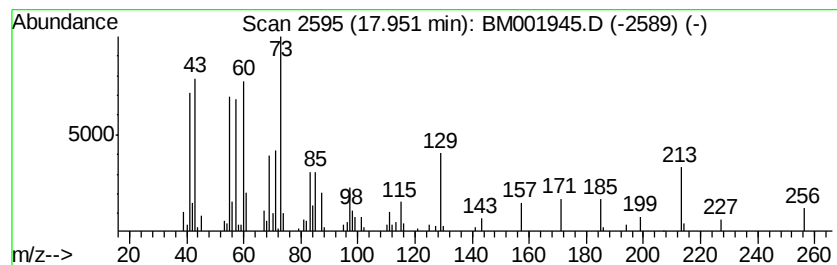
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Tridecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	3.33 ng/ul	167137	Phenanthrene-d10	17.06

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecanoic acid	214	C13H26O2	000638-53-9	90
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	80
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4			Tridecanoic acid	214	C13H26O2	000638-53-9	58
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58



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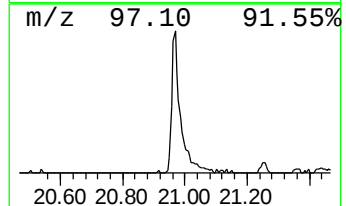
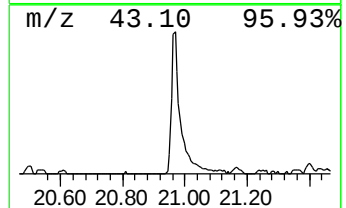
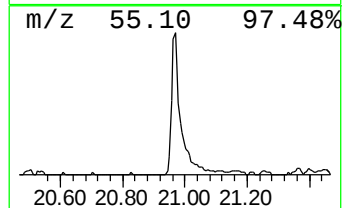
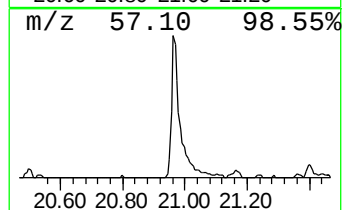
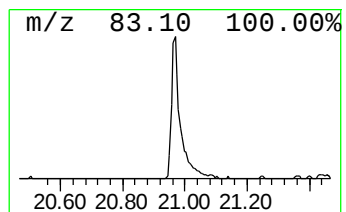
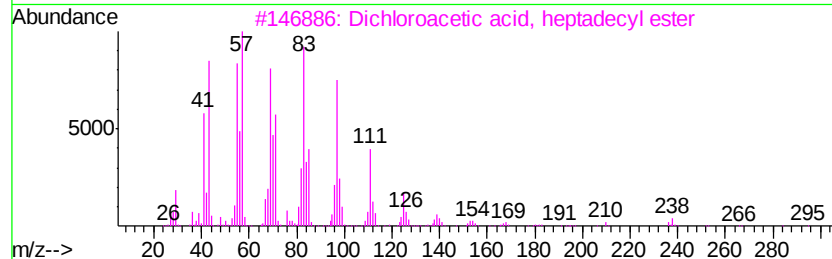
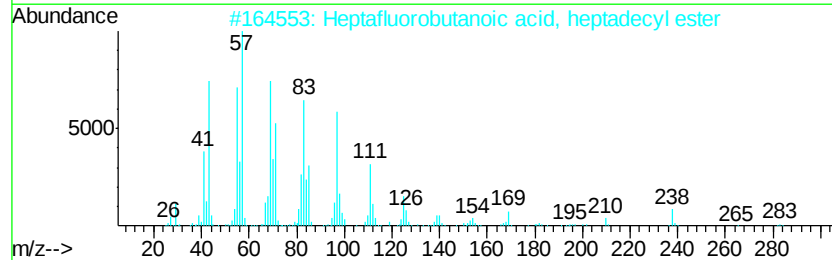
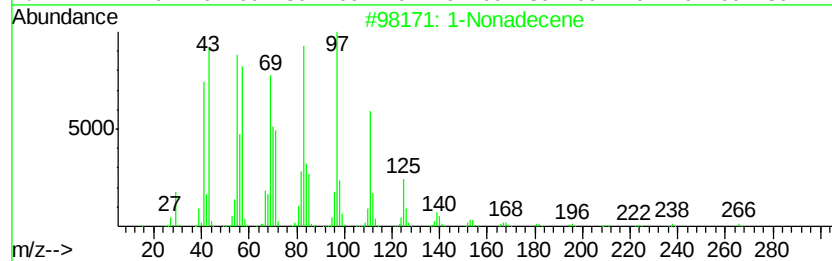
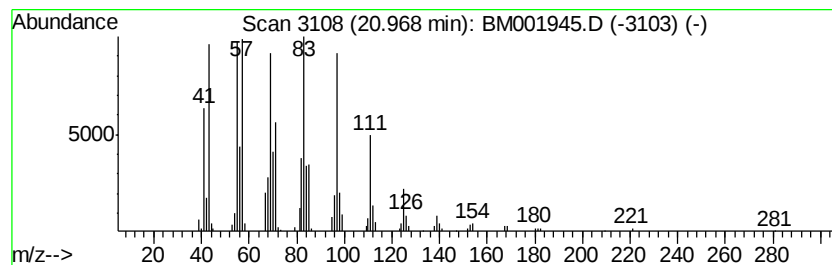
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Cyclic20.97 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	5.74 ng/ul	386980	Chrysene-d12	21.26
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Nonadecene		266 C19H38	018435-45-5 94
2	Heptafluorobutanoic acid, heptadecyl ester		452 C21H35F7O2	1000282-97-3 94
3	Dichloroacetic acid, heptadecyl ester		366 C19H36Cl2O2	1000282-98-2 93
4	2-Chloropropionic acid, octadecyl ester		360 C21H41ClO2	088104-31-8 93
5	Bromoacetic acid, octadecyl ester		390 C20H39BrO2	018992-03-5 91



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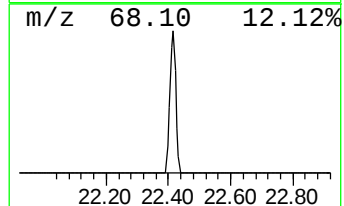
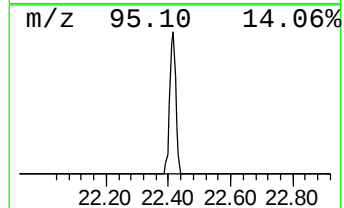
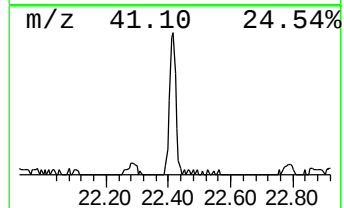
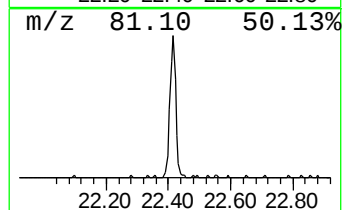
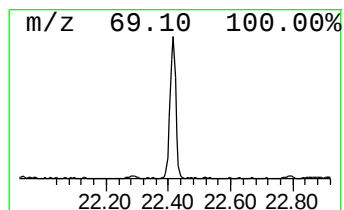
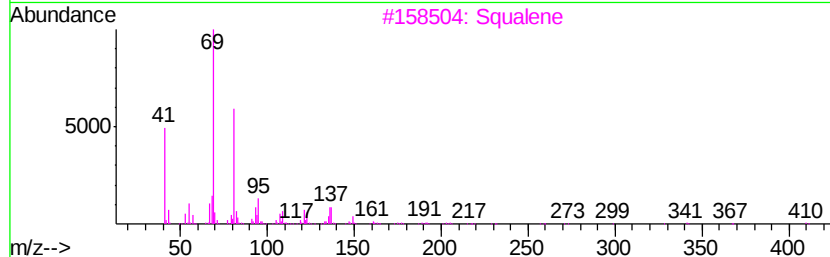
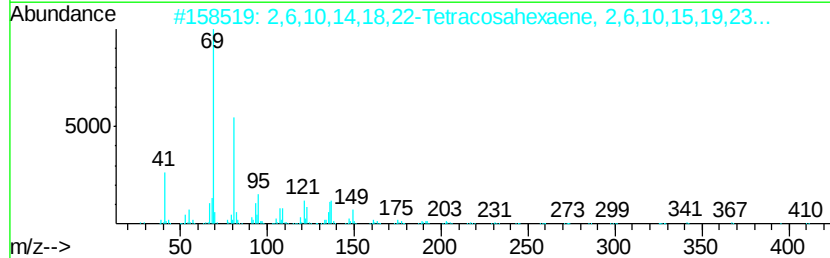
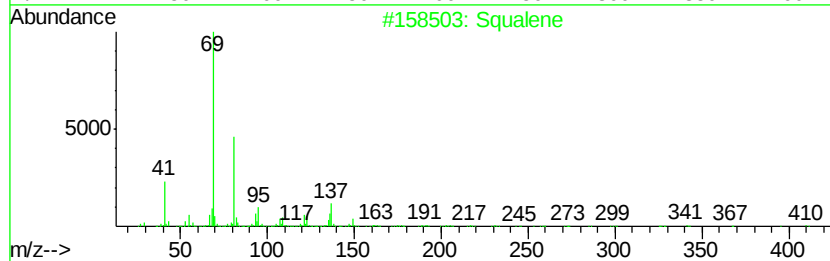
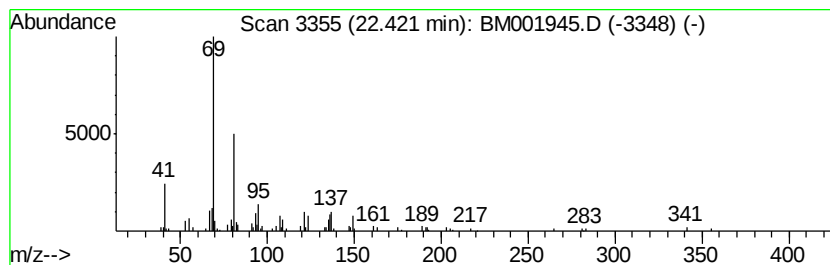
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Squalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.42	2.91 ng/ul	197197	Perylene-d12	23.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	007683-64-9	91
2		2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	91
3		Squalene	410	C30H50	007683-64-9	91
4		2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	91
5		1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071615\
Data File : BM001945.D
Acq On : 16 Jul 2015 14:28
Operator : TP/UM
Sample : G2998-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01F5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.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...	2.87	21.2	ng/ul	352902	1	7.65	333275	20.0
Tridecanoic acid	17.95	3.3	ng/ul	167137	4	17.06	1003490	20.0
(DEL) Alkane: Cyc...	20.97	5.7	ng/ul	386980	5	21.26	1348850	20.0
Squalene	22.42	2.9	ng/ul	197197	6	23.48	1357060	20.0