

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071615\
 Data File : BM001959.D
 Acq On : 16 Jul 2015 22:57
 Operator : TP/UM
 Sample : G2998-19
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02H8

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	2.723	3	6	14	rVB	21440	22670	1.59%	0.104%
2	2.799	14	19	27	rVV2	43355	75142	5.27%	0.345%
3	2.870	27	31	47	rVB	994721	1254162	87.93%	5.764%
4	3.128	71	75	81	rVB	17164	20177	1.41%	0.093%
5	3.399	118	121	127	rVB	7271	9013	0.63%	0.041%
6	3.681	165	169	173	rVB2	4207	5464	0.38%	0.025%
7	4.411	288	293	297	rBV2	4884	6790	0.48%	0.031%
8	4.458	297	301	305	rVB	5704	7198	0.50%	0.033%
9	4.764	347	353	359	rBV	69459	98348	6.90%	0.452%
10	6.816	696	702	712	rBB	329986	520488	36.49%	2.392%
11	6.987	725	731	739	rBB	259495	393552	27.59%	1.809%
12	7.181	758	764	773	rBV	347321	538927	37.78%	2.477%
13	7.652	837	844	851	rBB	314915	484793	33.99%	2.228%
14	8.357	957	964	973	rBV	450777	703763	49.34%	3.234%
15	8.810	1034	1041	1049	rVB	332127	526512	36.91%	2.420%
16	8.928	1054	1061	1066	rBV2	11648	19718	1.38%	0.091%
17	9.528	1156	1163	1172	rBB	285643	472985	33.16%	2.174%
18	10.063	1246	1254	1263	rBB	448744	736034	51.60%	3.383%
19	10.440	1309	1318	1331	rBB	437114	732963	51.39%	3.369%
20	10.581	1335	1342	1352	rBV	411775	682937	47.88%	3.139%
21	12.110	1598	1602	1606	rVB2	3488	5317	0.37%	0.024%
22	12.334	1635	1640	1645	rVB	4139	6411	0.45%	0.029%
23	12.645	1690	1693	1698	rBV2	4175	5067	0.36%	0.023%
24	12.904	1732	1737	1741	rVB2	8369	11427	0.80%	0.053%
25	13.128	1771	1775	1779	rVB2	3515	4824	0.34%	0.022%
26	13.622	1854	1859	1865	rVB	3999	5923	0.42%	0.027%
27	13.722	1870	1876	1880	rVV	808202	1122068	78.67%	5.157%
28	13.769	1880	1884	1892	rVB	396924	548621	38.46%	2.521%
29	13.998	1916	1923	1935	rVB	789929	1153197	80.85%	5.300%
30	14.204	1953	1958	1961	rBV	9305	10566	0.74%	0.049%
31	14.310	1968	1976	1983	rBV2	685827	1039364	72.87%	4.777%
32	14.510	2004	2010	2023	rVB	310582	444924	31.19%	2.045%
33	14.710	2040	2044	2048	rVB	3857	5933	0.42%	0.027%
34	14.869	2066	2071	2077	rVV	5145	9231	0.65%	0.042%

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35	15.104	2105	2111	2114	rBV2	13044	18163	1.27%	0.083%
36	15.157	2117	2120	2125	rVB	18267	22203	1.56%	0.102%
37	15.304	2138	2145	2151	rBV	942571	1314720	92.18%	6.042%
38	15.351	2151	2153	2161	rVV3	4925	6182	0.43%	0.028%
39	15.428	2161	2166	2172	rVV	195428	259888	18.22%	1.194%
40	15.563	2183	2189	2194	rVB4	5473	12562	0.88%	0.058%
41	15.651	2201	2204	2211	rBV	4156	5313	0.37%	0.024%
42	16.022	2259	2267	2275	rBV	25152	50494	3.54%	0.232%
43	16.369	2318	2326	2330	rBV4	3908	6295	0.44%	0.029%
44	16.598	2361	2365	2367	rBV3	4048	5066	0.36%	0.023%
45	16.810	2397	2401	2405	rVV	25949	34132	2.39%	0.157%
46	16.869	2407	2411	2415	rVB3	8781	14581	1.02%	0.067%
47	17.057	2436	2443	2447	rBV	898202	1251734	87.76%	5.753%
48	17.098	2447	2450	2454	rVV	74176	98312	6.89%	0.452%
49	17.157	2454	2460	2470	rVB	877710	1276217	89.48%	5.865%
50	17.233	2470	2473	2479	rVB4	3179	4395	0.31%	0.020%
51	17.351	2490	2493	2500	rVB2	3076	7238	0.51%	0.033%
52	17.463	2504	2512	2516	rBV6	5475	13260	0.93%	0.061%
53	17.551	2522	2527	2530	rBV	27200	33943	2.38%	0.156%
54	17.633	2537	2541	2549	rVB2	3650	6373	0.45%	0.029%
55	17.786	2561	2567	2570	rBV3	2399	4566	0.32%	0.021%
56	17.827	2570	2574	2583	rVB4	2561	5885	0.41%	0.027%
57	17.945	2587	2594	2606	rVV3	106411	200558	14.06%	0.922%
58	18.057	2610	2613	2617	rVV3	6696	10646	0.75%	0.049%
59	18.122	2617	2624	2628	rVV3	21420	49784	3.49%	0.229%
60	18.163	2628	2631	2635	rVV	15405	19597	1.37%	0.090%
61	18.239	2639	2644	2649	rBV	19312	24690	1.73%	0.113%
62	18.380	2661	2668	2671	rVV2	16337	19130	1.34%	0.088%
63	18.433	2674	2677	2682	rBV	8967	12278	0.86%	0.056%
64	18.480	2682	2685	2690	rVB4	5726	8954	0.63%	0.041%
65	18.857	2741	2749	2751	rBV3	9270	17994	1.26%	0.083%
66	18.880	2751	2753	2758	rVB3	6384	8707	0.61%	0.040%
67	18.992	2769	2772	2778	rVB5	4259	6993	0.49%	0.032%
68	19.116	2784	2793	2798	rBV	63058	86440	6.06%	0.397%
69	19.180	2800	2804	2806	rBV4	3936	5276	0.37%	0.024%
70	19.233	2808	2813	2817	rBV3	32421	42127	2.95%	0.194%
71	19.386	2837	2839	2844	rVB4	5192	6384	0.45%	0.029%

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72	19.457	2844	2851	2857	rBV	910859	1361510	95.46%	6.257%
73	19.504	2857	2859	2866	rVB	111424	127049	8.91%	0.584%
74	19.657	2878	2885	2886	rBV5	4346	5969	0.42%	0.027%
75	19.821	2908	2913	2915	rVB2	5105	8501	0.60%	0.039%
76	19.898	2923	2926	2929	rVB4	7017	6761	0.47%	0.031%
77	19.980	2937	2940	2942	rBV2	9427	11054	0.78%	0.051%
78	20.057	2949	2953	2955	rBV5	2524	4493	0.32%	0.021%
79	20.086	2955	2958	2960	rVV2	7971	8957	0.63%	0.041%
80	20.139	2962	2967	2971	rVV3	8851	13951	0.98%	0.064%
81	20.174	2971	2973	2977	rBV5	3803	4977	0.35%	0.023%
82	20.274	2987	2990	2994	rBV	7767	11078	0.78%	0.051%
83	20.321	2995	2998	3003	rVV	10499	14861	1.04%	0.068%
84	20.380	3003	3008	3013	rVV6	6133	10835	0.76%	0.050%
85	20.433	3015	3017	3022	rVB4	5207	6015	0.42%	0.028%
86	20.492	3025	3027	3032	rVB4	11760	14279	1.00%	0.066%
87	20.604	3042	3046	3051	rBV6	4030	7253	0.51%	0.033%
88	20.727	3065	3067	3072	rVB3	6871	9698	0.68%	0.045%
89	20.933	3099	3102	3103	rBV3	7758	6275	0.44%	0.029%
90	20.962	3103	3107	3116	rVV2	79950	144872	10.16%	0.666%
91	21.045	3119	3121	3125	rVB3	16575	18516	1.30%	0.085%
92	21.251	3149	3156	3160	rBV	1132088	1426306	100.00%	6.555%
93	21.286	3160	3162	3167	rVB	29308	32964	2.31%	0.151%
94	21.398	3178	3181	3185	rBV3	15772	17330	1.22%	0.080%
95	21.821	3251	3253	3257	rBV3	7134	7334	0.51%	0.034%
96	22.280	3327	3331	3336	rBV3	41958	59413	4.17%	0.273%
97	22.409	3349	3353	3357	rVB	17678	27775	1.95%	0.128%
98	22.780	3414	3416	3417	rBV2	10198	8339	0.58%	0.038%
99	23.327	3503	3509	3521	rVB	358006	661815	46.40%	3.042%
100	23.474	3526	3534	3543	rBV	577253	1065359	74.69%	4.896%

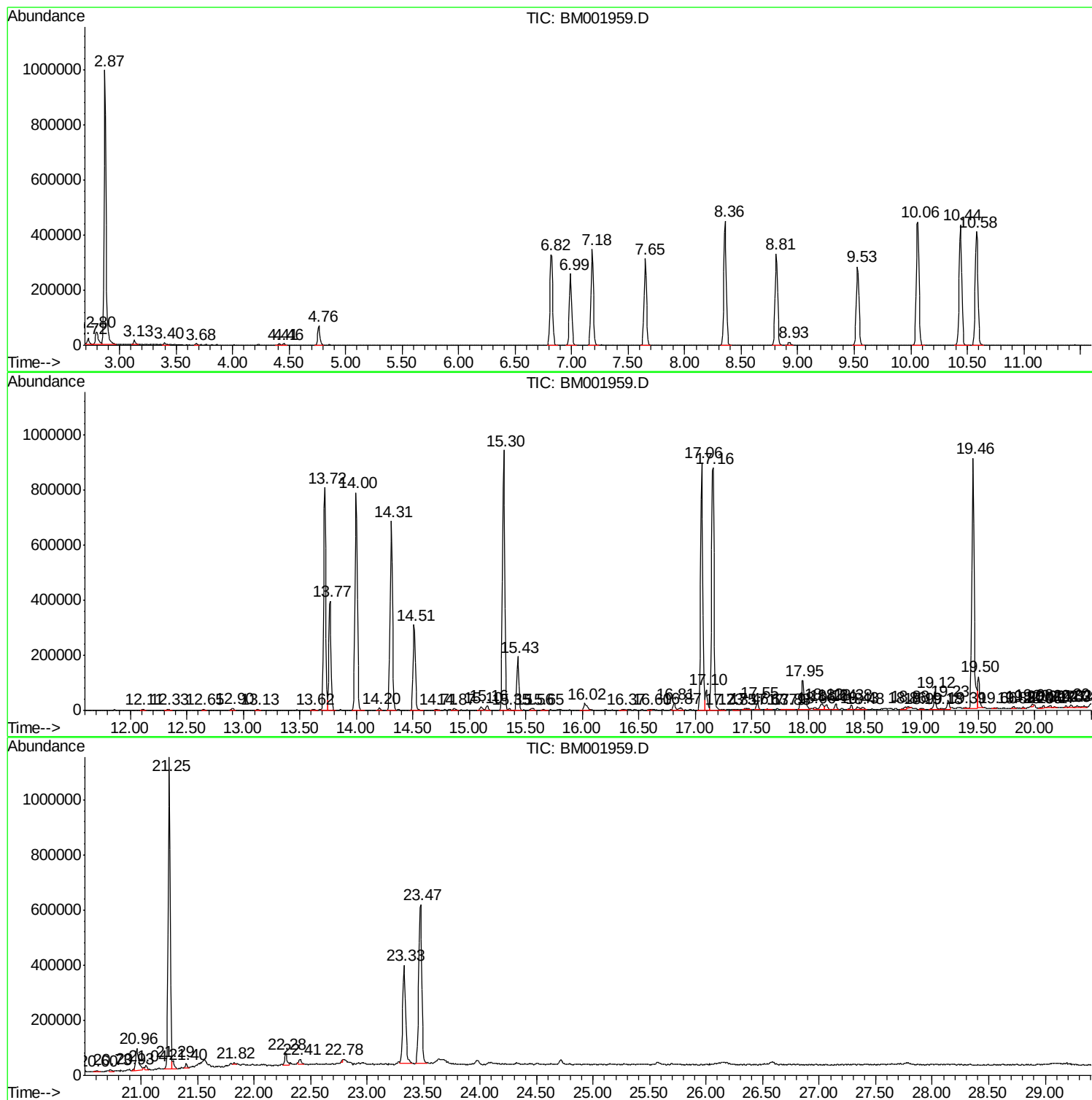
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

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



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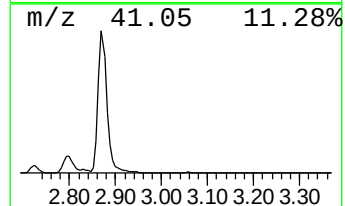
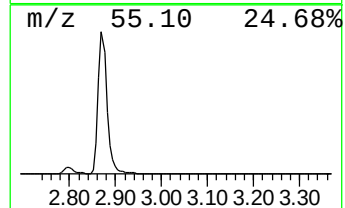
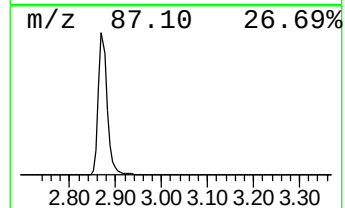
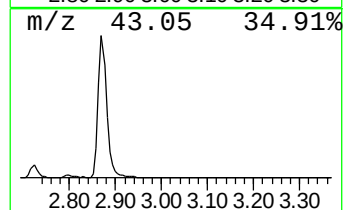
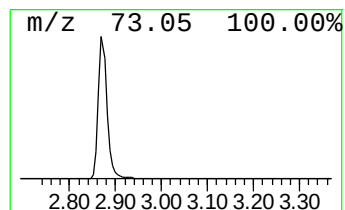
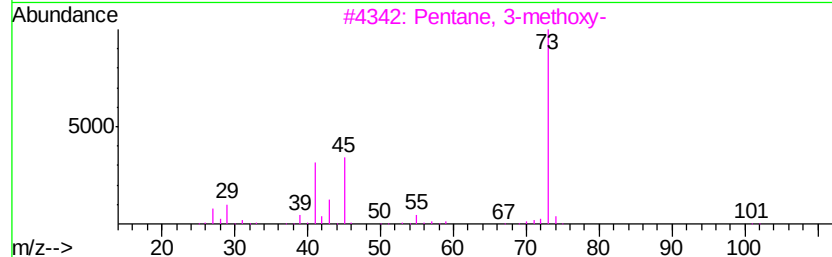
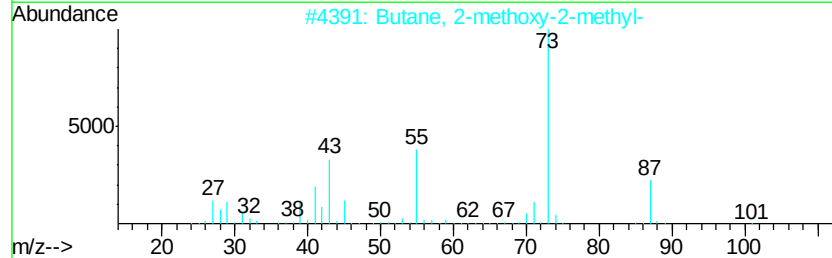
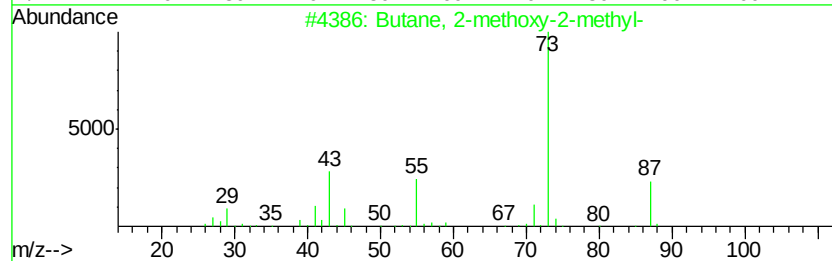
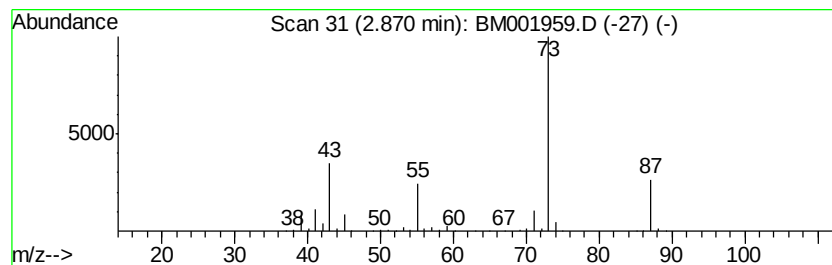
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

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	51.74 ng/ul	1254160	1,4-Dichlorobenzene-d4	7.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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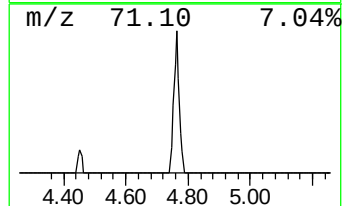
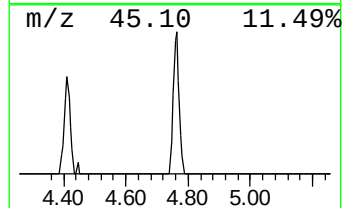
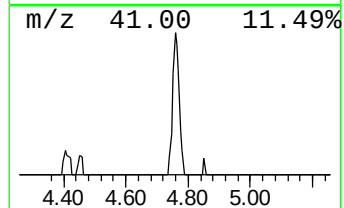
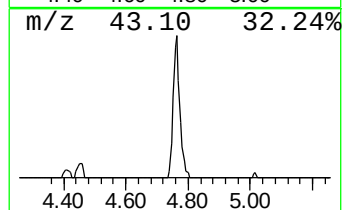
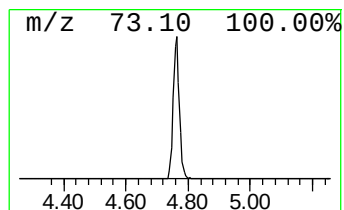
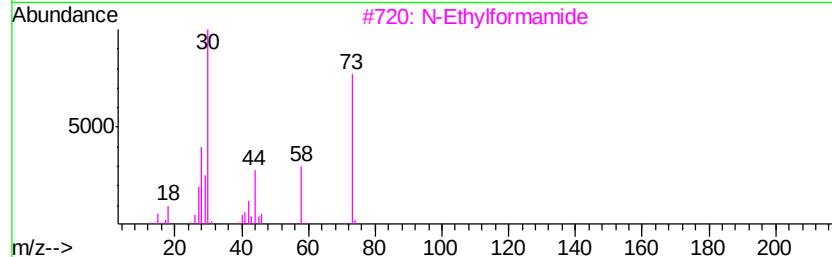
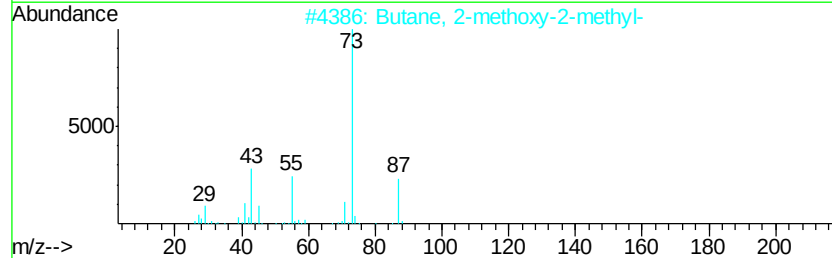
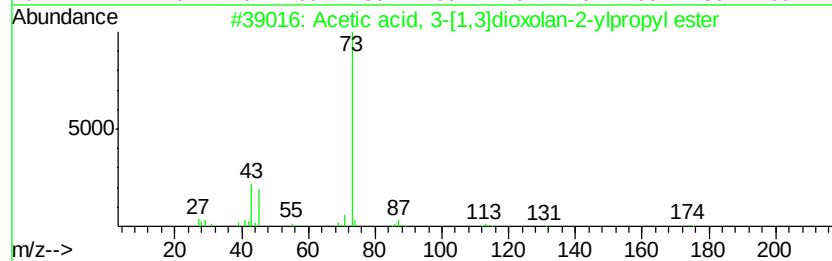
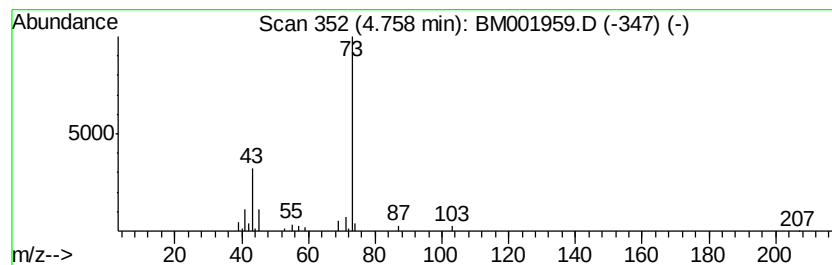
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	4.06 ng/ul	98348	1,4-Dichlorobenzene-d4	7.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	40
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	36
3		N-Ethylformamide	73	C3H7NO	000627-45-2	9
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5		1,3-Dioxolane, 2-(3-bromo-5,5,5-...	352	C10H16BrCl3O2	1000115-31-4	9



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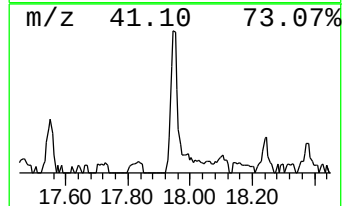
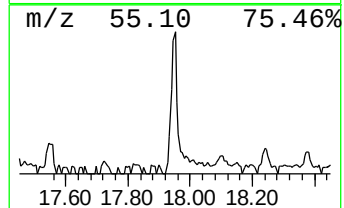
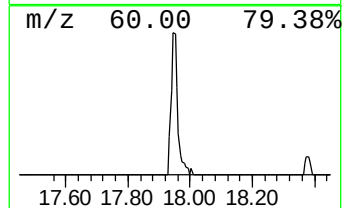
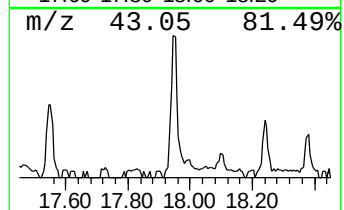
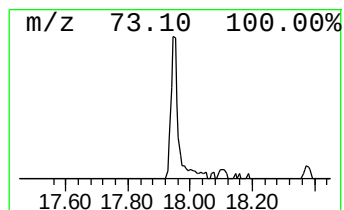
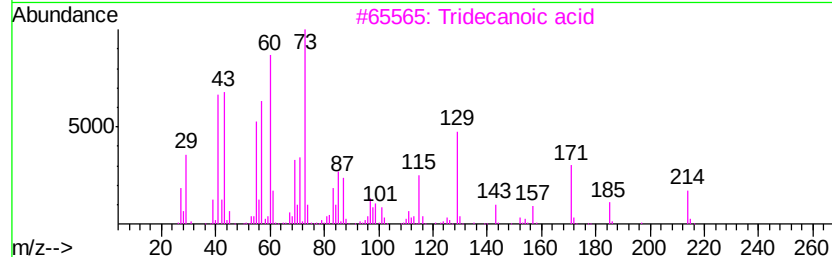
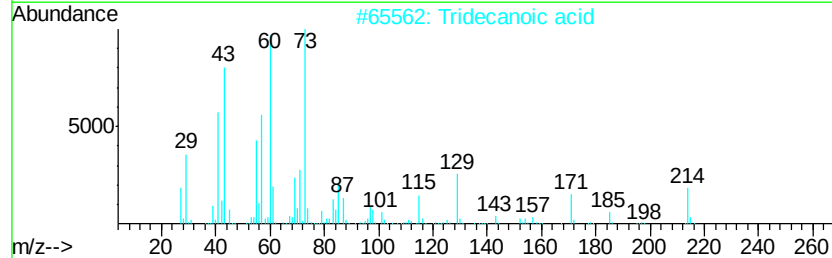
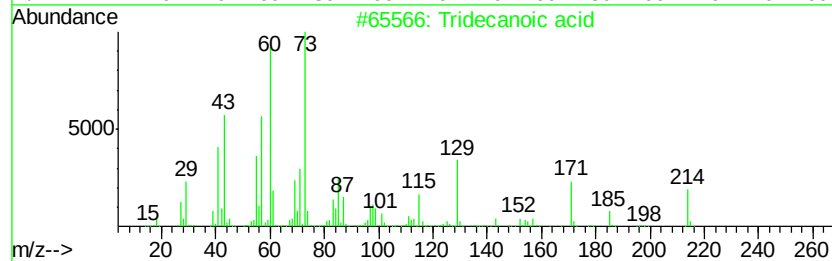
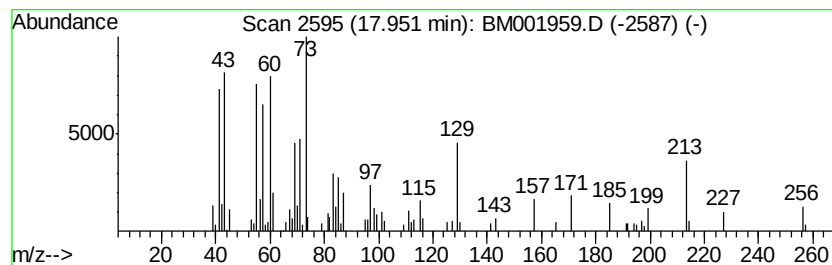
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Tridecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	3.20 ng/ul	200558	Phenanthrene-d10	17.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecanoic acid	214	C13H26O2	000638-53-9	76
2		Tridecanoic acid	214	C13H26O2	000638-53-9	76
3		Tridecanoic acid	214	C13H26O2	000638-53-9	70
4		n-Decanoic acid	172	C10H20O2	000334-48-5	53
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	52



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071615\
Data File : BM001959.D
Acq On : 16 Jul 2015 22:57
Operator : TP/UM
Sample : G2998-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

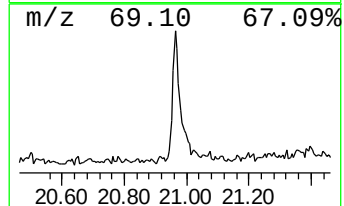
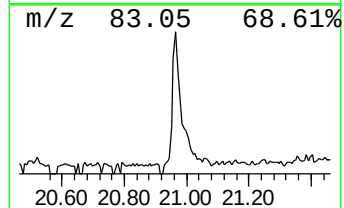
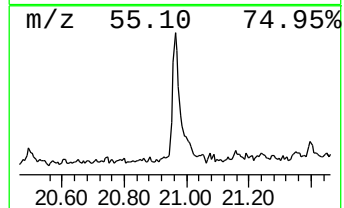
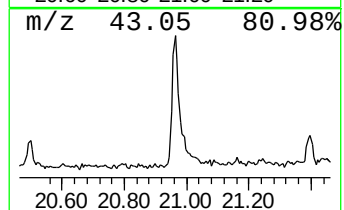
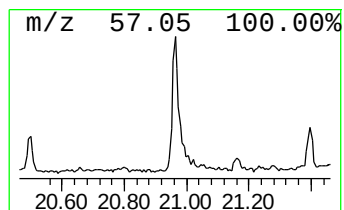
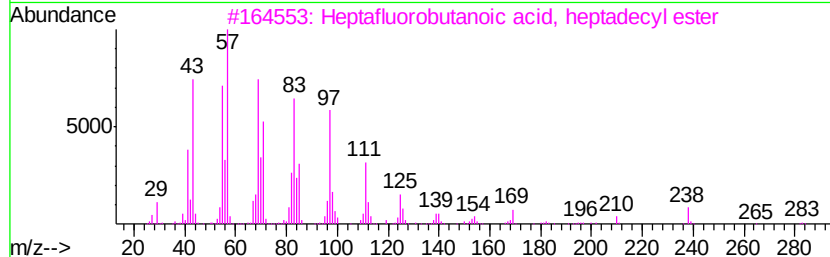
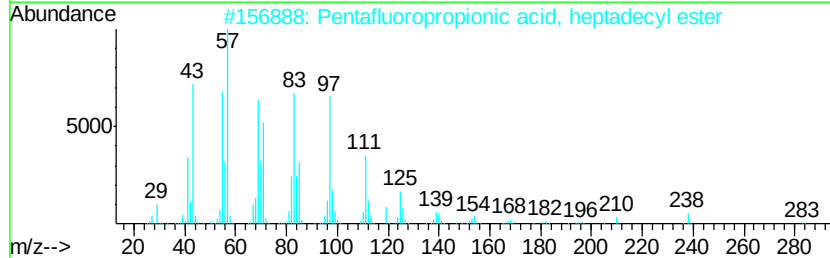
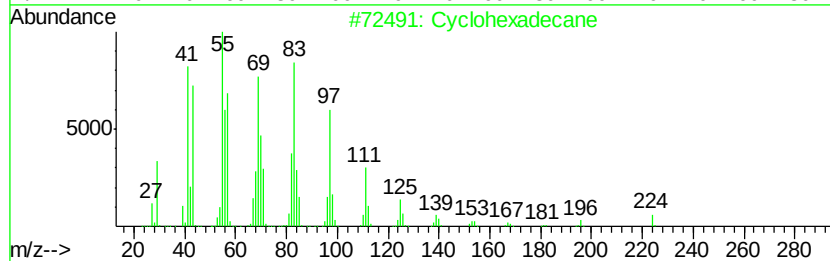
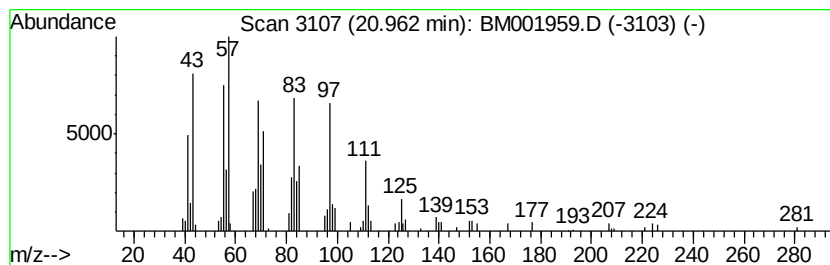
Instrument :
BNA_M
ClientSampleId :
C02H8

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 (DEL) Alkane: Cyclic20.96 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.96	2.03 ng/ul	144872	Chrysene-d12	21.25	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	96
2	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	93
3	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	93
4	Trichloroacetic acid, 4-hexadecy...	386	C18H33Cl3O2	1000282-92-4	91
5	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91



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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02H8

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	51.7	ng/ul	1254160	1	7.65	484793	20.0
unknown-01	4.76	4.1	ng/ul	98348	1	7.65	484793	20.0
Tridecanoic acid	17.95	3.2	ng/ul	200558	4	17.06	1251730	20.0
(DEL) Alkane: Cyc...	20.96	2.0	ng/ul	144872	5	21.25	1426310	20.0