

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071615\
 Data File : BM001964.D
 Acq On : 17 Jul 2015 01:58
 Operator : TP/UM
 Sample : G2998-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01H2

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	2.722	4	6	11	rVB3	3236	3619	0.13%	0.012%
2	2.793	14	18	27	rVV2	32615	63281	2.28%	0.207%
3	2.869	27	31	48	rVB	448770	596393	21.47%	1.954%
4	3.134	71	76	83	rVB	23391	30733	1.11%	0.101%
5	3.399	118	121	128	rVB	14522	19627	0.71%	0.064%
6	3.681	164	169	173	rBV3	3823	4447	0.16%	0.015%
7	4.769	349	354	361	rBB2	7835	15127	0.54%	0.050%
8	6.169	588	592	597	rBB	2986	4393	0.16%	0.014%
9	6.651	670	674	681	rBB2	6149	9108	0.33%	0.030%
10	6.822	696	703	711	rBV	476067	748105	26.93%	2.451%
11	6.992	725	732	739	rBV	366292	552421	19.88%	1.810%
12	7.181	758	764	772	rBB	506679	777594	27.99%	2.548%
13	7.298	780	784	787	rVB2	2773	3448	0.12%	0.011%
14	7.651	837	844	851	rBB	326651	506654	18.24%	1.660%
15	8.357	957	964	973	rBV	646033	1002136	36.07%	3.283%
16	8.810	1034	1041	1049	rBB	477264	754107	27.14%	2.471%
17	8.928	1056	1061	1068	rBB2	16916	27856	1.00%	0.091%
18	9.528	1156	1163	1172	rVB	415437	678733	24.43%	2.224%
19	10.063	1247	1254	1262	rBV	650825	1079241	38.85%	3.536%
20	10.304	1291	1295	1299	rBB2	9933	14504	0.52%	0.048%
21	10.439	1311	1318	1325	rBV	459818	751642	27.05%	2.463%
22	10.580	1335	1342	1352	rBV	579238	993232	35.75%	3.254%
23	12.645	1690	1693	1698	rVB	4083	4758	0.17%	0.016%
24	12.904	1733	1737	1740	rBV	8398	10902	0.39%	0.036%
25	13.721	1869	1876	1880	rBV	1115418	1554138	55.94%	5.092%
26	13.769	1880	1884	1890	rVB	528971	695838	25.05%	2.280%
27	13.998	1916	1923	1931	rBV	1265605	1878427	67.61%	6.154%
28	14.204	1954	1958	1961	rBV	6237	7212	0.26%	0.024%
29	14.310	1969	1976	1983	rVB2	706806	1049179	37.76%	3.437%
30	14.516	2004	2011	2021	rBV	543691	762911	27.46%	2.500%
31	15.104	2104	2111	2116	rBV	12618	17223	0.62%	0.056%
32	15.157	2116	2120	2125	rVB3	19601	25456	0.92%	0.083%
33	15.304	2138	2145	2152	rVB	1626969	2290844	82.46%	7.505%
34	15.427	2160	2166	2174	rBV	363810	514278	18.51%	1.685%

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35	15.545	2181	2186	2188	rBV2	9170	12088	0.44%	0.040%
36	15.715	2212	2215	2219	rBV2	2266	2870	0.10%	0.009%
37	16.021	2262	2267	2275	rBV	30988	51555	1.86%	0.169%
38	16.080	2275	2277	2283	rVB2	1992	2883	0.10%	0.009%
39	16.192	2293	2296	2300	rBV	2849	3321	0.12%	0.011%
40	16.362	2322	2325	2329	rBV2	2988	4876	0.18%	0.016%
41	16.457	2338	2341	2349	rVB4	2850	6378	0.23%	0.021%
42	16.527	2349	2353	2358	rBV3	3196	3971	0.14%	0.013%
43	16.809	2396	2401	2405	rBV	30782	39381	1.42%	0.129%
44	16.862	2405	2410	2415	rVB2	8239	14075	0.51%	0.046%
45	17.057	2436	2443	2449	rBV	909819	1251202	45.04%	4.099%
46	17.157	2453	2460	2467	rVV	1779799	2481907	89.33%	8.131%
47	17.227	2468	2472	2478	rVB4	3277	5967	0.21%	0.020%
48	17.286	2478	2482	2484	rBV3	2652	2908	0.10%	0.010%
49	17.351	2489	2493	2497	rVB5	2839	4338	0.16%	0.014%
50	17.445	2505	2509	2510	rBV5	3148	3998	0.14%	0.013%
51	17.551	2520	2527	2531	rBV	30023	38658	1.39%	0.127%
52	17.721	2553	2556	2561	rBV4	4417	6162	0.22%	0.020%
53	17.821	2568	2573	2579	rBV4	4128	8657	0.31%	0.028%
54	17.951	2588	2595	2606	rBV	307232	407164	14.66%	1.334%
55	18.098	2617	2620	2623	rVB2	6751	7475	0.27%	0.024%
56	18.239	2640	2644	2649	rBV2	14452	19830	0.71%	0.065%
57	18.374	2662	2667	2673	rVB2	11650	15002	0.54%	0.049%
58	18.621	2702	2709	2712	rBV3	3270	6951	0.25%	0.023%
59	18.880	2749	2753	2756	rBV3	4988	5938	0.21%	0.019%
60	19.115	2785	2793	2799	rBV5	7296	13485	0.49%	0.044%
61	19.233	2808	2813	2823	rBV2	82669	123785	4.46%	0.406%
62	19.339	2827	2831	2835	rVV	14930	22137	0.80%	0.073%
63	19.386	2835	2839	2844	rVV4	6992	10760	0.39%	0.035%
64	19.456	2844	2851	2861	rVV	2061429	2778274	100.00%	9.102%
65	19.862	2916	2920	2921	rBV3	2452	2904	0.10%	0.010%
66	19.980	2933	2940	2950	rBV6	9827	28815	1.04%	0.094%
67	20.380	3005	3008	3012	rVB2	15477	17125	0.62%	0.056%
68	20.492	3024	3027	3032	rBV3	8708	12464	0.45%	0.041%
69	20.609	3044	3047	3050	rVB	3777	3663	0.13%	0.012%
70	20.956	3099	3106	3118	rBV	401867	626001	22.53%	2.051%
71	21.044	3118	3121	3124	rVB	15869	20032	0.72%	0.066%

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72	21.162	3138	3141	3146	rVB	18702	19283	0.69%	0.063%
73	21.250	3150	3156	3161	rBV	1090647	1401789	50.46%	4.593%
74	21.356	3171	3174	3177	rBV2	14723	15017	0.54%	0.049%
75	21.397	3177	3181	3183	rBV	8850	10989	0.40%	0.036%
76	21.827	3250	3254	3255	rBV3	12631	13519	0.49%	0.044%
77	21.856	3255	3259	3266	rVB9	24340	49227	1.77%	0.161%
78	22.280	3328	3331	3336	rVB4	24873	29292	1.05%	0.096%
79	22.403	3348	3352	3358	rVB	44204	63252	2.28%	0.207%
80	22.739	3406	3409	3413	rBV3	10918	13565	0.49%	0.044%
81	22.780	3413	3416	3424	rVB6	14511	21384	0.77%	0.070%
82	23.333	3502	3510	3521	rVB2	1125911	2065602	74.35%	6.768%
83	23.468	3526	3533	3541	rVB	574627	1086310	39.10%	3.559%
84	23.974	3616	3619	3624	rVB3	17332	28630	1.03%	0.094%
85	24.074	3630	3636	3647	rBV5	51034	157302	5.66%	0.515%
86	24.703	3739	3743	3751	rBV5	13757	32515	1.17%	0.107%

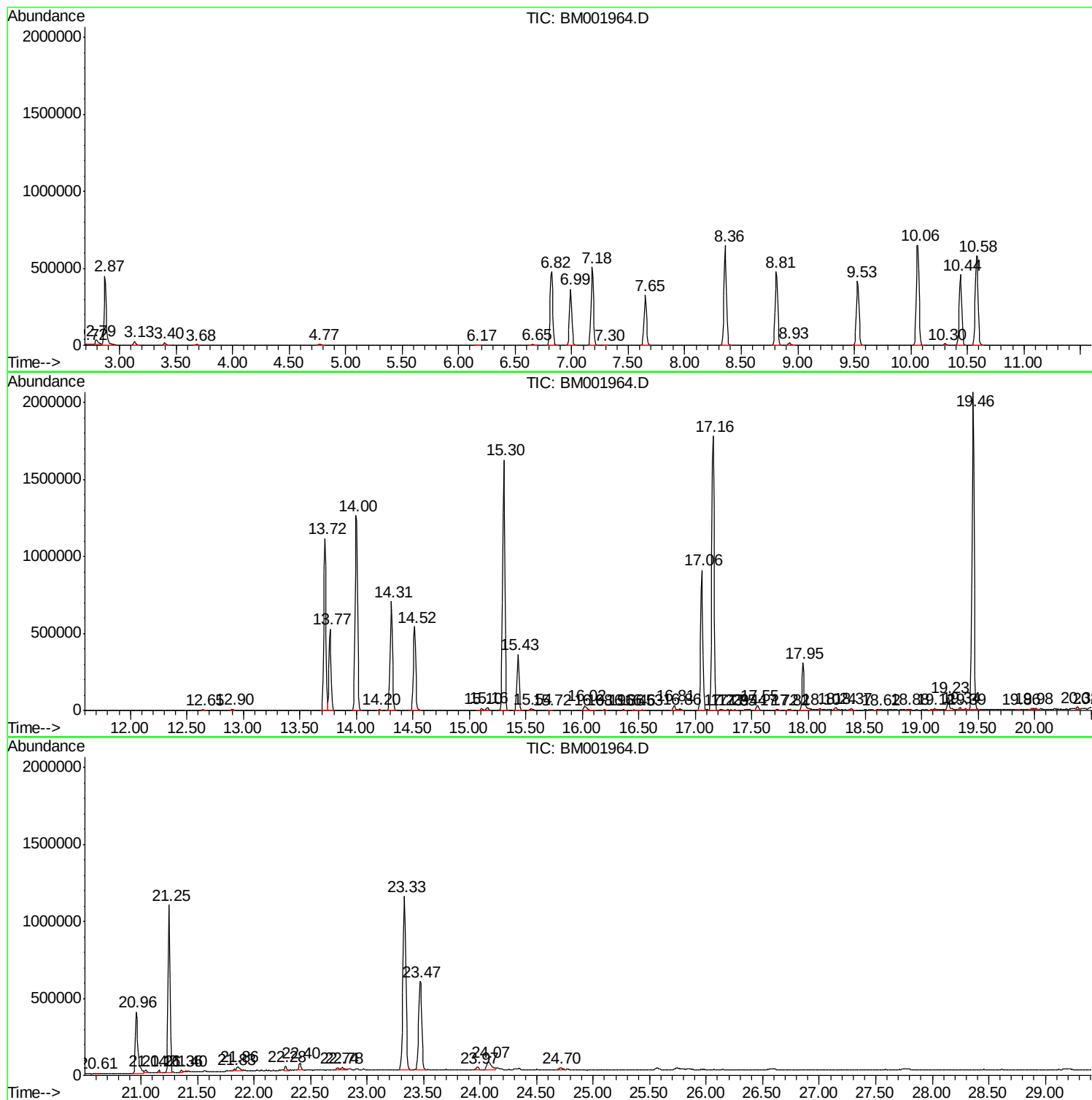
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

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



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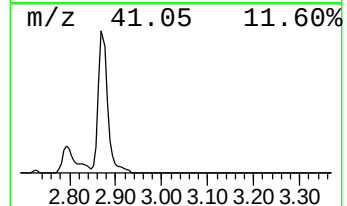
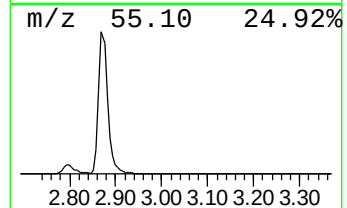
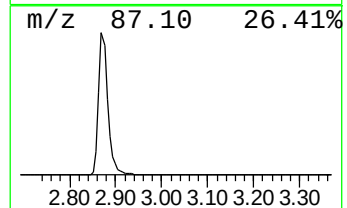
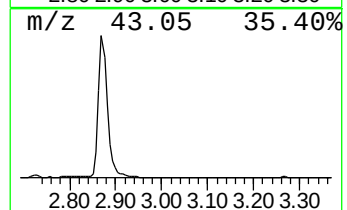
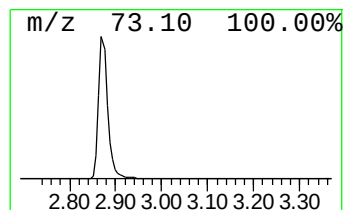
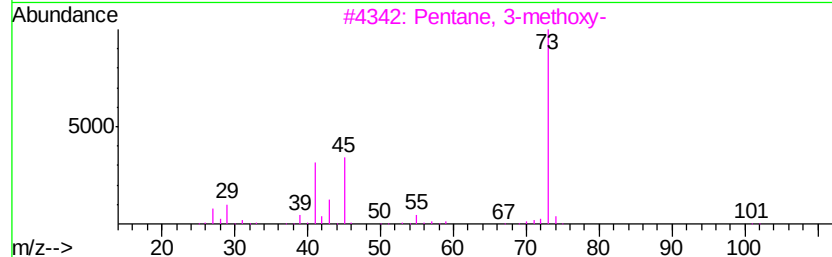
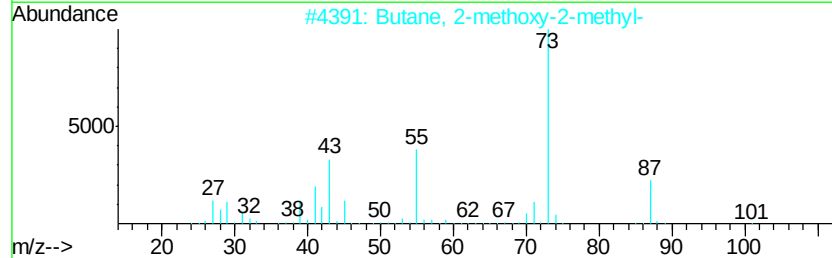
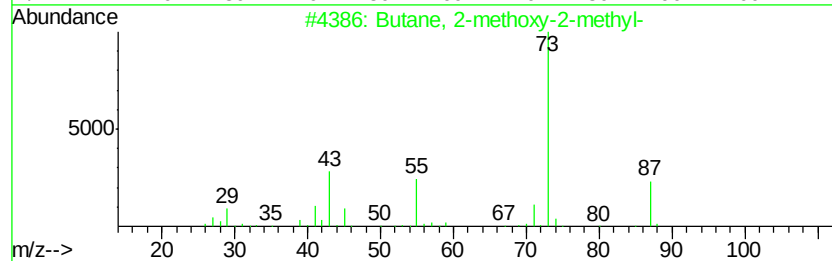
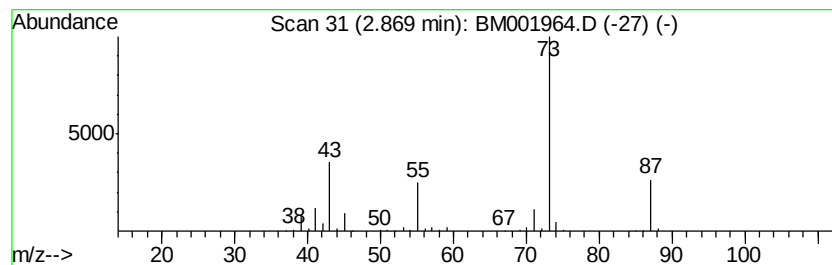
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

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	23.54 ng/ul	596393	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	17
4		Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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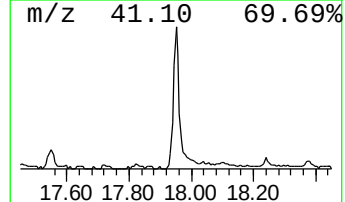
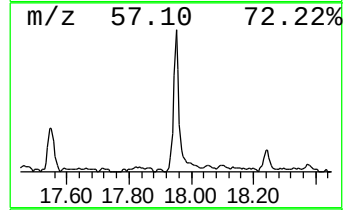
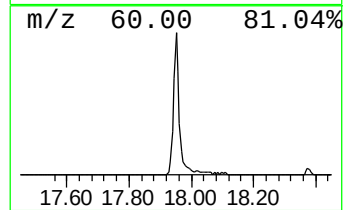
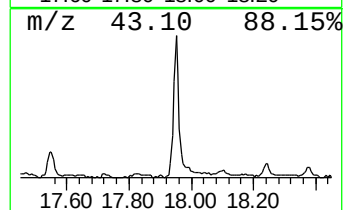
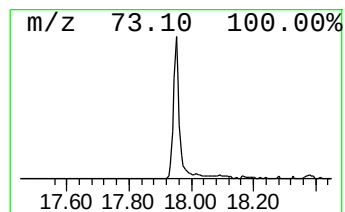
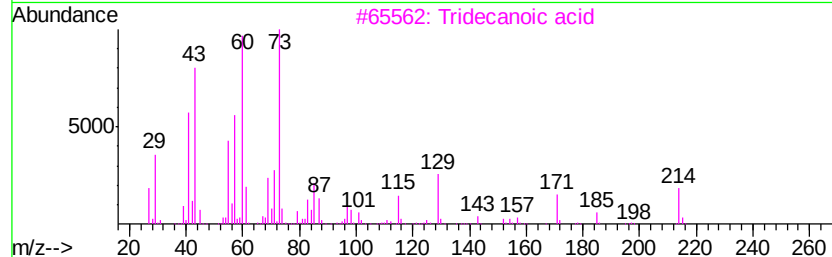
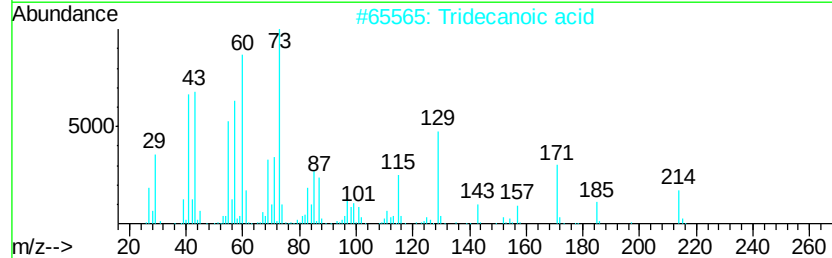
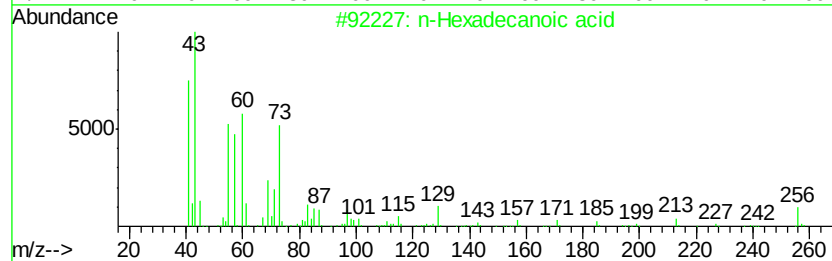
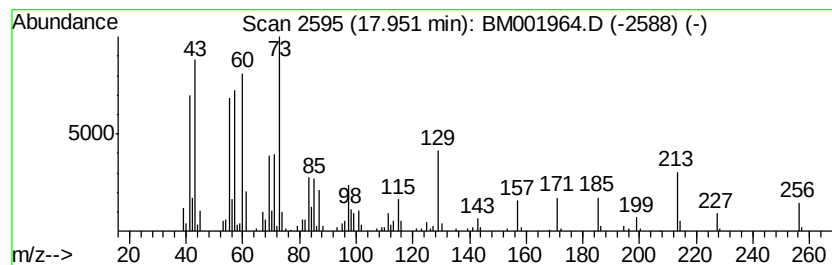
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	6.51 ng/ul	407164	Phenanthrene-d10	17.06

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	94
3		Tridecanoic acid	214	C13H26O2	000638-53-9	91
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5		Undecanoic acid	186	C11H22O2	000112-37-8	83



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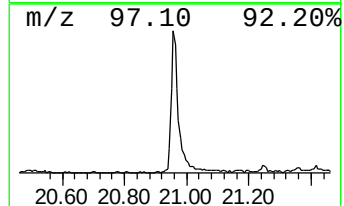
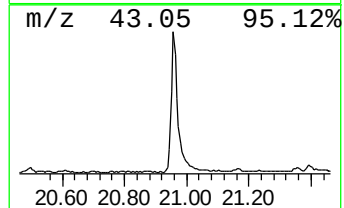
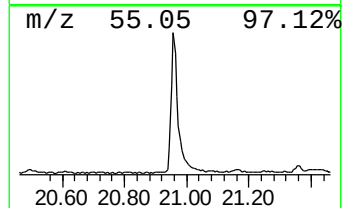
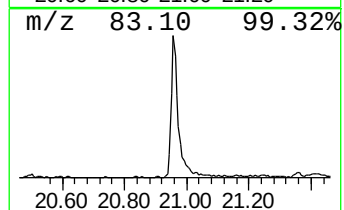
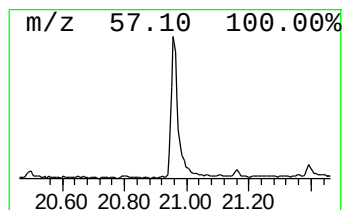
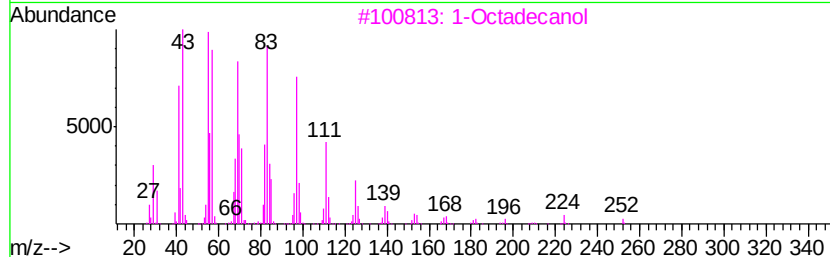
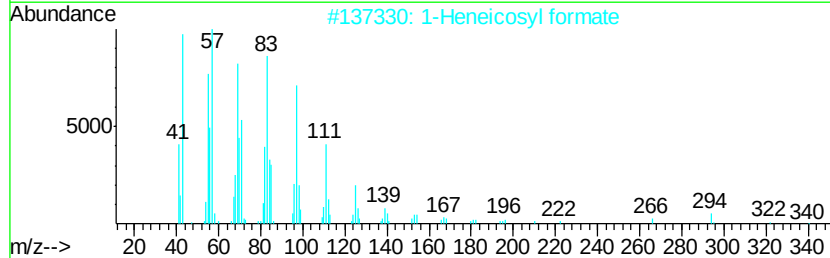
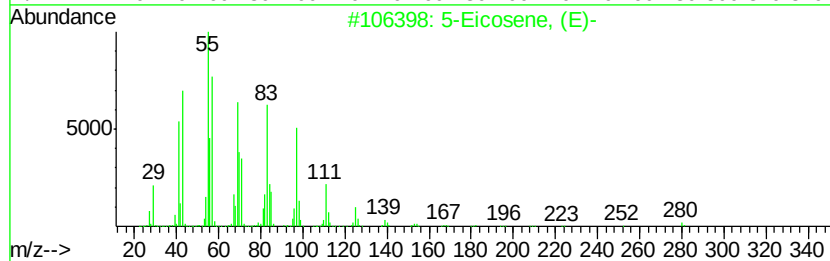
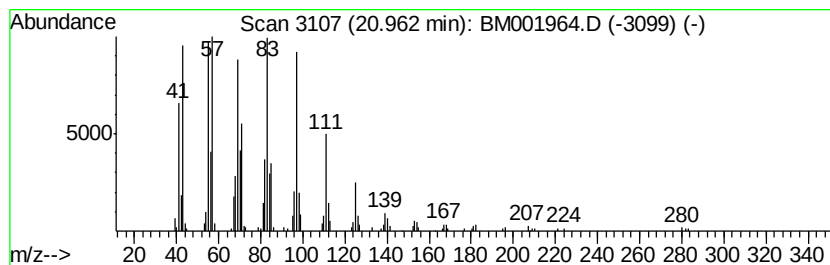
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic20.96 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.96	8.93 ng/ul	626001	Chrysene-d12	21.25	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
3	1-Octadecanol	270	C18H38O	000112-92-5	94
4	1-Nonadecanol	284	C19H40O	001454-84-8	93
5	1-Heptadecanol	256	C17H36O	001454-85-9	91



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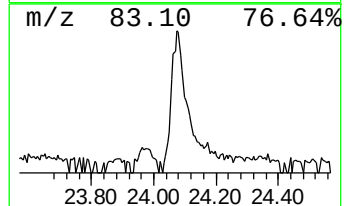
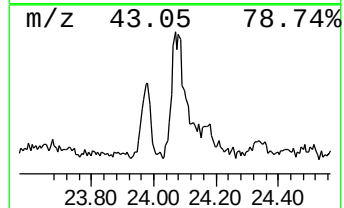
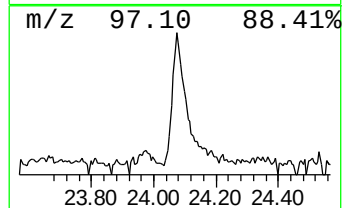
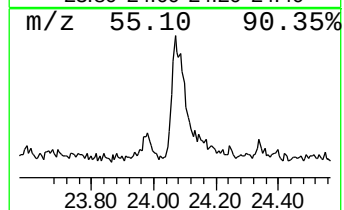
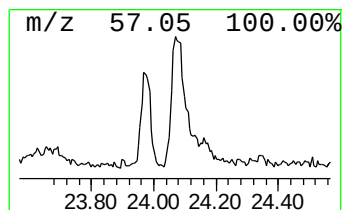
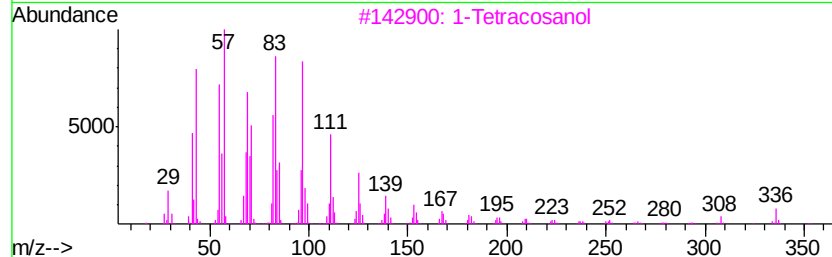
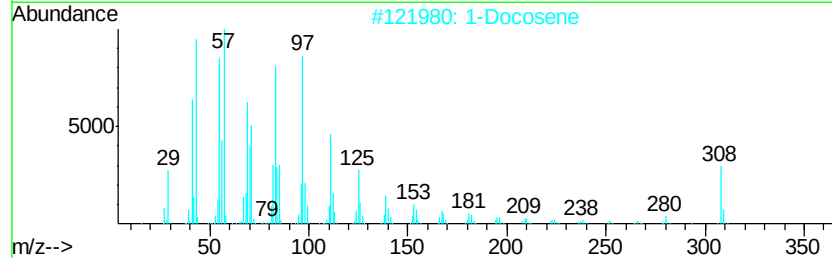
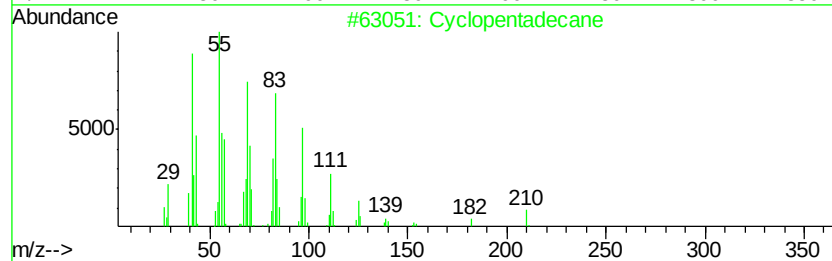
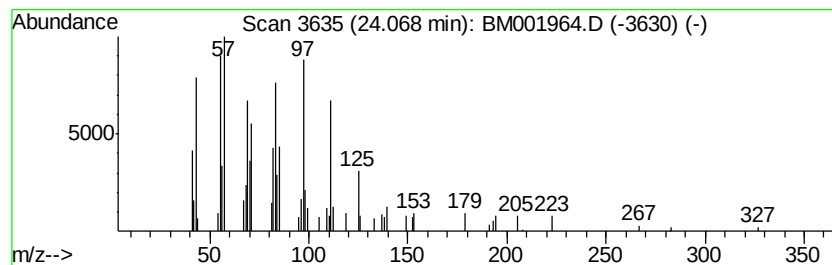
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic24.07 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.07	2.90 ng/ul	157302	Perylene-d12	23.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentadecane	210	C15H30	000295-48-7	94
2		1-Docosene	308	C22H44	001599-67-3	89
3		1-Tetracosanol	354	C24H50O	000506-51-4	87
4		1-Eicosanol	298	C20H42O	000629-96-9	83
5		Acetic acid, octadecyl ester	312	C20H40O2	000822-23-1	83



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071615\
Data File : BM001964.D
Acq On : 17 Jul 2015 01:58
Operator : TP/UM
Sample : G2998-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01H2

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	23.5	ng/ul	596393	1	7.65	506654	20.0
n-Hexadecanoic acid	17.95	6.5	ng/ul	407164	4	17.06	1251200	20.0
(DEL) Alkane: Cyc...	20.96	8.9	ng/ul	626001	5	21.25	1401790	20.0
(DEL) Alkane: Cyc...	24.07	2.9	ng/ul	157302	6	23.47	1086310	20.0