

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
 Data File : BM002121.D
 Acq On : 29 Jul 2015 13:01
 Operator : TP/UM
 Sample : G3037-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02M5

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-BM072715.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	3.052	60	62	68	rVB	2018	2399	0.15%	0.014%
2	3.793	185	188	192	rBV3	1666	1963	0.12%	0.011%
3	4.628	327	330	335	rBB	2830	4078	0.25%	0.024%
4	5.093	407	409	412	rBB	2072	2333	0.14%	0.013%
5	5.134	412	416	419	rBB2	2575	3016	0.19%	0.017%
6	5.640	499	502	503	rBV	5280	5289	0.33%	0.031%
7	5.669	503	507	516	rVB	15682	24306	1.50%	0.141%
8	6.234	599	603	607	rBB	6476	8900	0.55%	0.051%
9	6.593	661	664	669	rVB3	2627	4153	0.26%	0.024%
10	6.693	677	681	684	rBB	2850	3030	0.19%	0.018%
11	6.734	684	688	690	rBV	19132	26520	1.63%	0.153%
12	6.769	690	694	702	rVB	50008	83218	5.12%	0.481%
13	6.928	715	721	729	rBB	210008	312855	19.25%	1.809%
14	7.116	747	753	761	rBV	225829	357140	21.98%	2.065%
15	7.363	792	795	798	rBB	2726	2907	0.18%	0.017%
16	7.587	826	833	839	rBV	250836	388511	23.91%	2.246%
17	7.646	839	843	858	rVB	65033	99836	6.14%	0.577%
18	8.204	934	938	943	rBB	5271	6719	0.41%	0.039%
19	8.304	949	955	964	rBV	171479	275482	16.95%	1.593%
20	8.410	968	973	978	rVB	20443	31391	1.93%	0.181%
21	8.551	993	997	1001	rBB	12741	16941	1.04%	0.098%
22	8.681	1013	1019	1025	rBV	267025	406875	25.04%	2.352%
23	8.745	1025	1030	1037	rVV	271426	440693	27.12%	2.548%
24	8.798	1037	1039	1044	rVB	2580	2762	0.17%	0.016%
25	9.310	1122	1126	1131	rBB	30086	42115	2.59%	0.243%
26	9.469	1146	1153	1159	rBV	232675	391751	24.11%	2.265%
27	9.640	1176	1182	1186	rBB4	5242	9350	0.58%	0.054%
28	9.698	1190	1192	1196	rBB	2213	2202	0.14%	0.013%
29	9.869	1216	1221	1225	rBB3	2404	4711	0.29%	0.027%
30	10.004	1237	1244	1255	rVB	348827	578172	35.58%	3.343%
31	10.157	1265	1270	1277	rBB4	8054	12210	0.75%	0.071%
32	10.292	1289	1293	1299	rVB4	8208	13424	0.83%	0.078%
33	10.375	1300	1307	1313	rBV	342001	560242	34.48%	3.239%
34	10.428	1313	1316	1321	rVB2	9573	13761	0.85%	0.080%

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35	10.522	1327	1332	1338	rBB2	9251	13752	0.85%	0.080%
36	10.675	1354	1358	1363	rBB	3672	4571	0.28%	0.026%
37	10.916	1393	1399	1403	rBB3	4226	6687	0.41%	0.039%
38	10.969	1404	1408	1412	rBB2	2132	2906	0.18%	0.017%
39	11.028	1412	1418	1424	rBB	10982	17172	1.06%	0.099%
40	11.175	1439	1443	1447	rBB2	2424	3717	0.23%	0.021%
41	11.551	1502	1507	1511	rBV	11050	15998	0.98%	0.092%
42	11.586	1511	1513	1516	rVB	1847	2228	0.14%	0.013%
43	11.628	1516	1520	1524	rBB2	4921	6335	0.39%	0.037%
44	11.704	1530	1533	1535	rBV	2259	2687	0.17%	0.016%
45	11.875	1559	1562	1567	rVB2	1510	2005	0.12%	0.012%
46	12.045	1589	1591	1593	rVB	2390	1788	0.11%	0.010%
47	12.134	1603	1606	1611	rBB	1505	2142	0.13%	0.012%
48	12.475	1660	1664	1667	rBV	3167	3020	0.19%	0.017%
49	12.516	1667	1671	1674	rVV2	1565	2321	0.14%	0.013%
50	12.586	1677	1683	1696	rVV	31302	58707	3.61%	0.339%
51	12.704	1699	1703	1706	rBV	1584	2499	0.15%	0.014%
52	12.845	1722	1727	1735	rBV	63329	90398	5.56%	0.523%
53	13.169	1773	1782	1789	rBV	148272	222975	13.72%	1.289%
54	13.563	1845	1849	1853	rVB	16938	18967	1.17%	0.110%
55	13.663	1860	1866	1872	rBV	670593	930369	57.26%	5.379%
56	13.780	1883	1886	1889	rVB	3492	3673	0.23%	0.021%
57	13.945	1906	1914	1921	rBV	758390	1088747	67.01%	6.295%
58	14.116	1939	1943	1949	rBV	13992	18288	1.13%	0.106%
59	14.251	1960	1966	1974	rBV2	530798	798837	49.16%	4.618%
60	14.480	2000	2005	2015	rVB	39317	61265	3.77%	0.354%
61	14.851	2063	2068	2072	rVB	17194	19277	1.19%	0.111%
62	14.945	2081	2084	2086	rBV	1866	2289	0.14%	0.013%
63	14.974	2086	2089	2091	rVV	10153	12831	0.79%	0.074%
64	14.998	2091	2093	2098	rVV	10949	12573	0.77%	0.073%
65	15.051	2098	2102	2104	rVV	12383	14904	0.92%	0.086%
66	15.080	2104	2107	2114	rVB	22091	26012	1.60%	0.150%
67	15.251	2128	2136	2143	rBV	995703	1361003	83.76%	7.869%
68	15.386	2153	2159	2169	rVB	297621	412727	25.40%	2.386%
69	15.486	2171	2176	2180	rBV	2752	3523	0.22%	0.020%
70	15.616	2194	2198	2202	rBV	10446	13189	0.81%	0.076%
71	16.063	2271	2274	2281	rVB	3283	5623	0.35%	0.033%

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72	16.145	2286	2288	2293	rVB2	2303	2074	0.13%	0.012%
73	16.263	2304	2308	2315	rVB2	2785	3967	0.24%	0.023%
74	16.792	2394	2398	2402	rVB	1877	3054	0.19%	0.018%
75	17.004	2427	2434	2440	rBV	699540	946929	58.28%	5.475%
76	17.104	2444	2451	2457	rBV	1047835	1459124	89.80%	8.436%
77	17.286	2478	2482	2488	rVB	9107	11115	0.68%	0.064%
78	17.533	2519	2524	2525	rBV2	1558	2243	0.14%	0.013%
79	17.592	2530	2534	2538	rVV4	2327	3104	0.19%	0.018%
80	17.668	2541	2547	2555	rVB	71376	87446	5.38%	0.506%
81	17.898	2583	2586	2590	rBV3	6537	7380	0.45%	0.043%
82	17.974	2593	2599	2602	rBV	10831	13471	0.83%	0.078%
83	18.121	2619	2624	2626	rVB2	1132	1781	0.11%	0.010%
84	18.192	2633	2636	2638	rBV2	2254	2132	0.13%	0.012%
85	18.380	2663	2668	2671	rBV3	1538	2876	0.18%	0.017%
86	18.839	2742	2746	2750	rBV5	1859	3107	0.19%	0.018%
87	19.074	2784	2786	2789	rVB4	2368	1724	0.11%	0.010%
88	19.192	2804	2806	2808	rBV3	3568	2825	0.17%	0.016%
89	19.251	2813	2816	2820	rBV5	2404	3246	0.20%	0.019%
90	19.292	2820	2823	2826	rVV	7789	8915	0.55%	0.052%
91	19.409	2836	2843	2854	rBV	1257511	1624872	100.00%	9.394%
92	19.957	2934	2936	2937	rBV2	3123	1916	0.12%	0.011%
93	20.409	3010	3013	3017	rVB	19310	19633	1.21%	0.114%
94	21.209	3143	3149	3154	rBV	860534	1025908	63.14%	5.931%
95	22.233	3318	3323	3330	rBV	309934	407581	25.08%	2.356%
96	23.268	3492	3499	3507	rBV	750780	1329076	81.80%	7.684%
97	23.409	3516	3523	3534	rVB	486590	915974	56.37%	5.296%

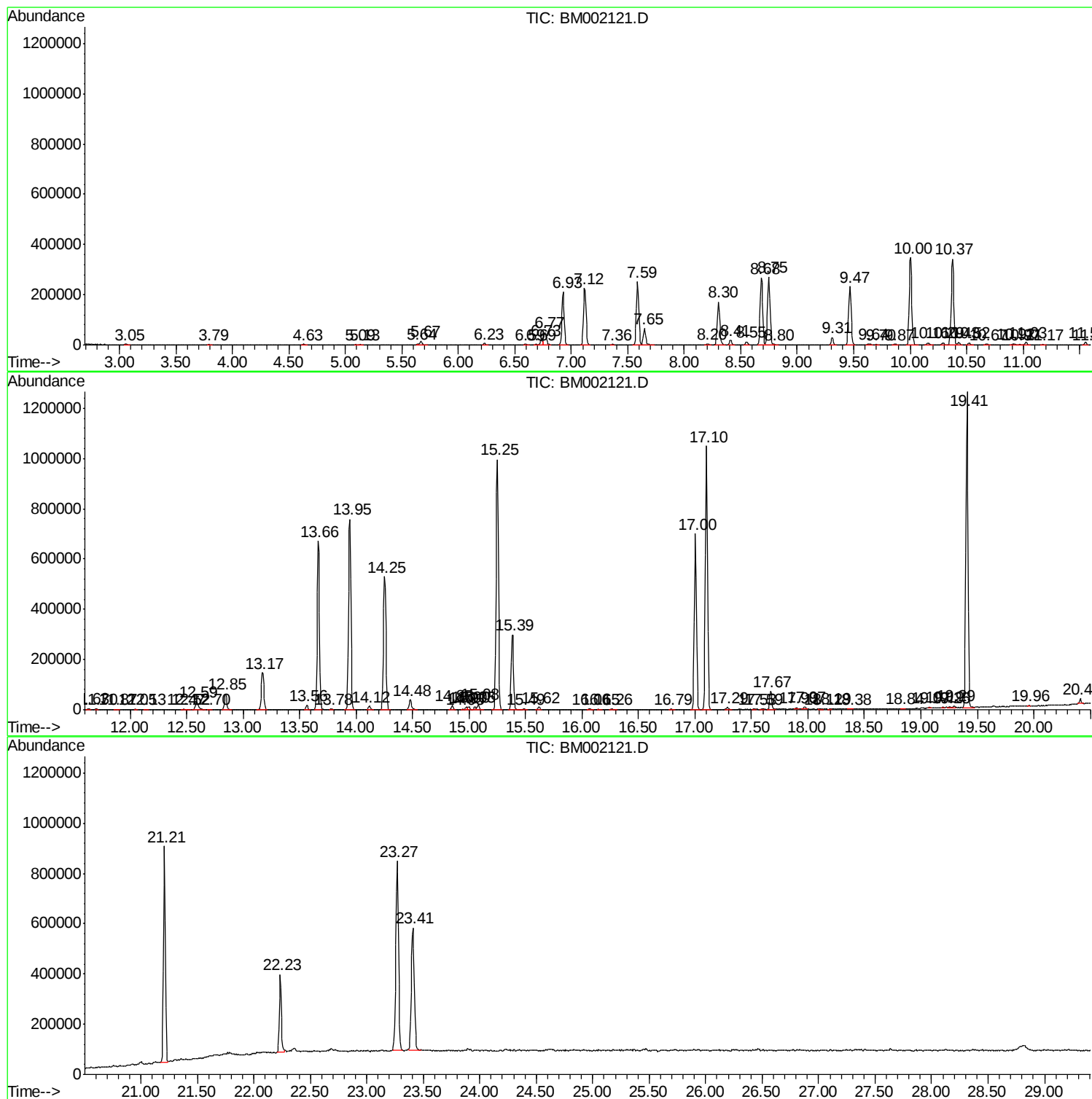
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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



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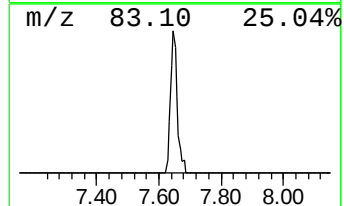
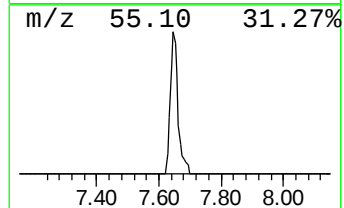
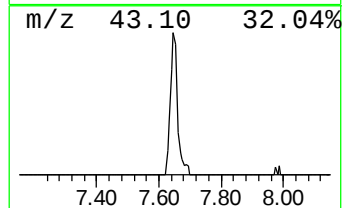
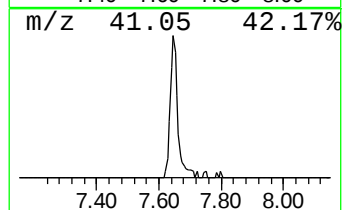
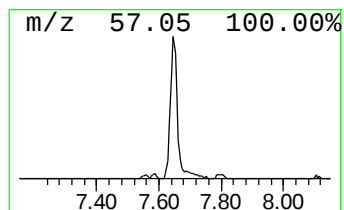
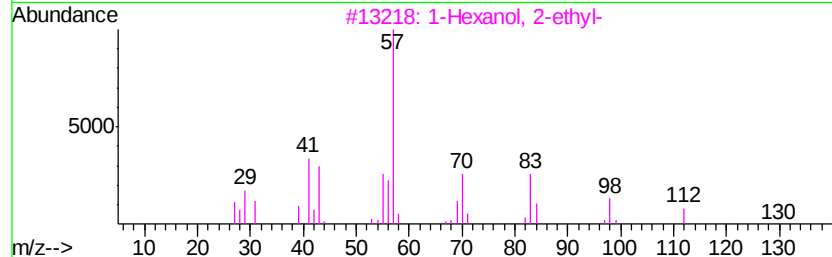
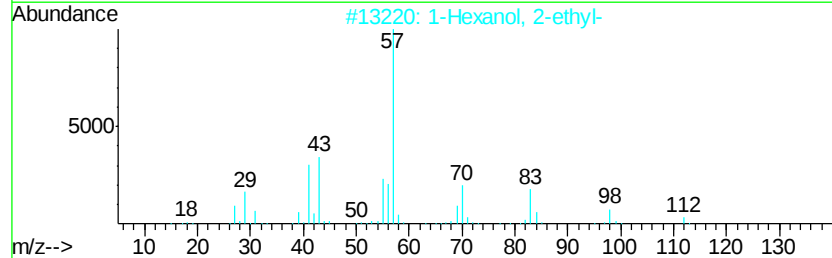
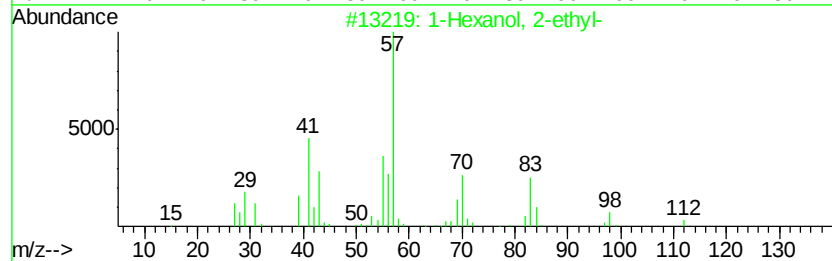
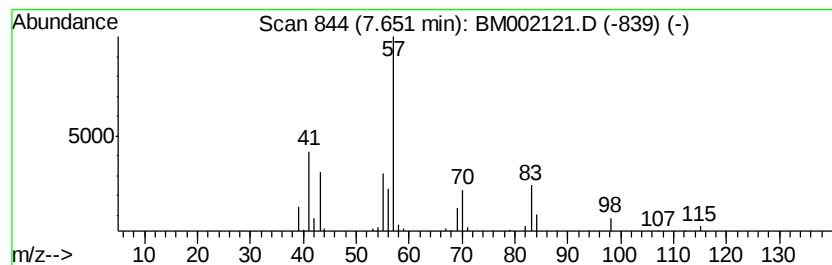
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1-Hexanol, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	5.14 ng/ul	99836	1,4-Dichlorobenzene-d4	7.59

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
3			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	74
4			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
5			2-Propyl-1-pentanol	130	C8H18O	058175-57-8	59



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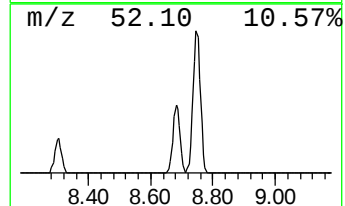
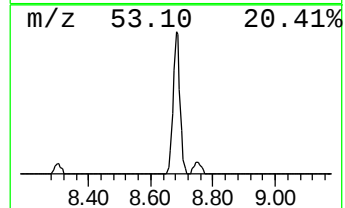
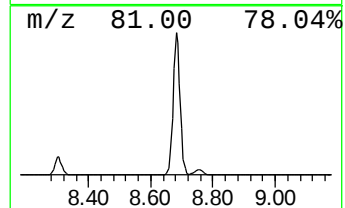
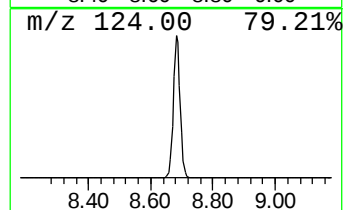
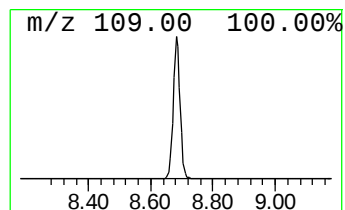
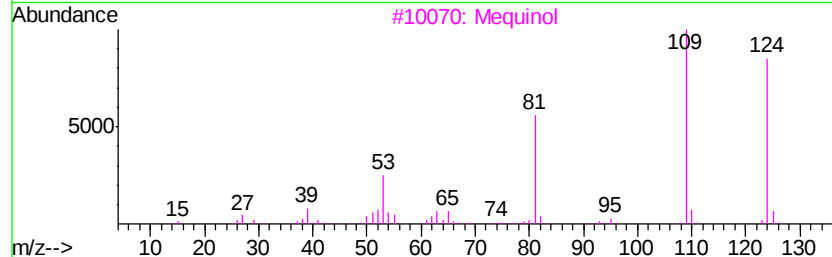
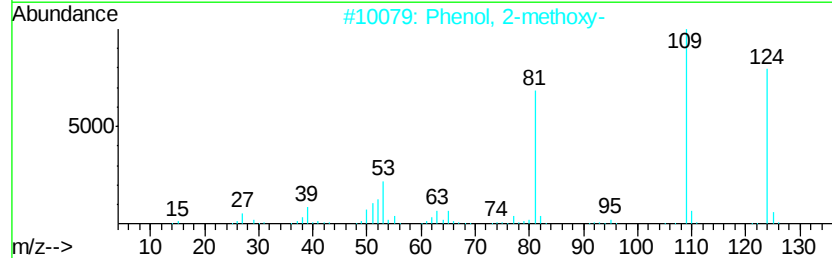
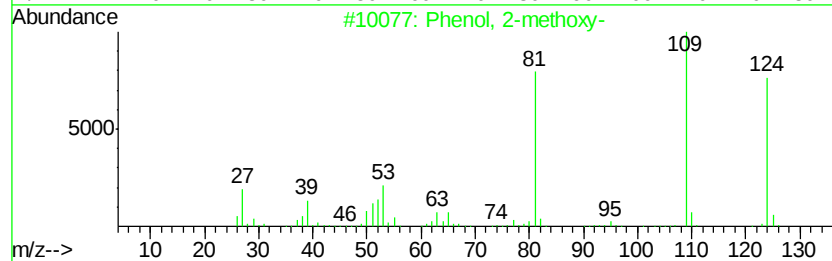
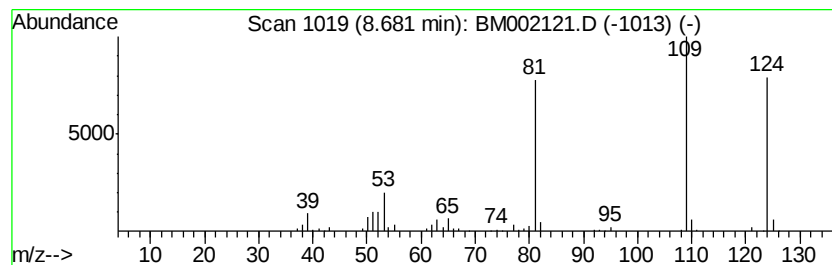
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Phenol, 2-methoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	20.95 ng/ul	406875	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	97
2		Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	96
3		Mequinol	124	C7H8O2	000150-76-5	91
4		Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	90
5		Mequinol	124	C7H8O2	000150-76-5	90



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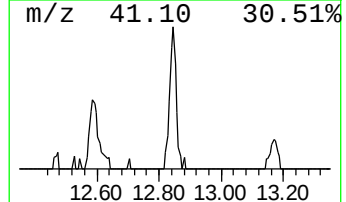
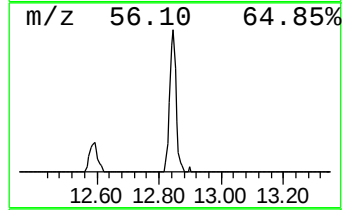
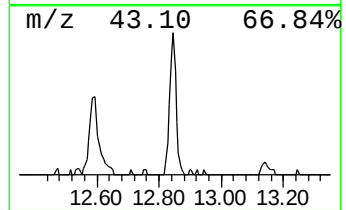
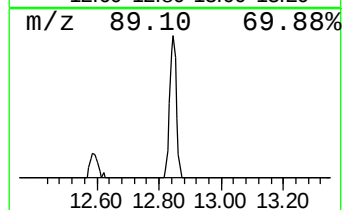
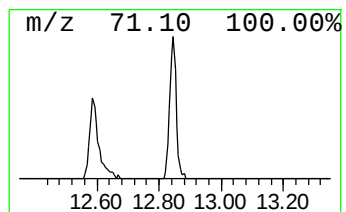
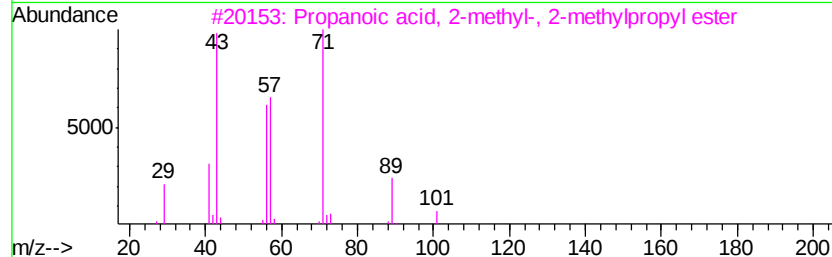
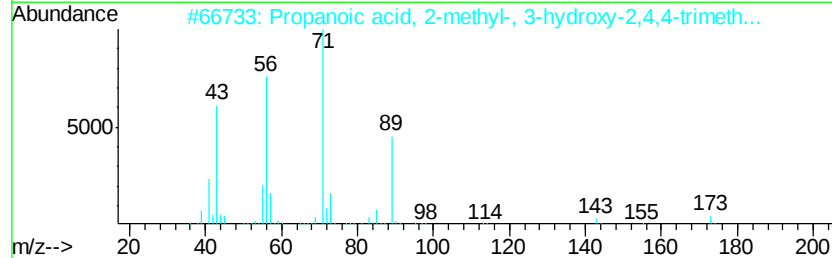
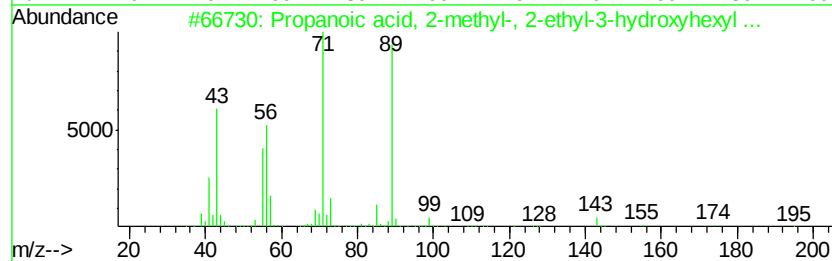
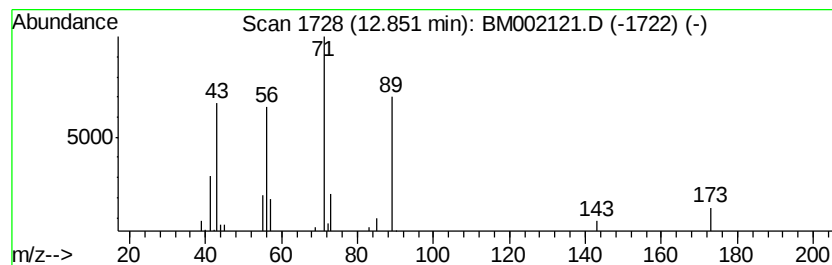
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Propanoic acid, 2-methyl-, ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	2.26 ng/ul	90398	Acenaphthene-d10	14.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanoic acid, 2-methyl-, 2-eth...	216	C12H24O3	074367-31-0	72
2		Propanoic acid, 2-methyl-, 3-hyd...	216	C12H24O3	074367-34-3	64
3		Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	59
4		Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	50
5		Butanoic acid, hexyl ester	172	C10H20O2	002639-63-6	50



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ClientSampleId :
C02M5

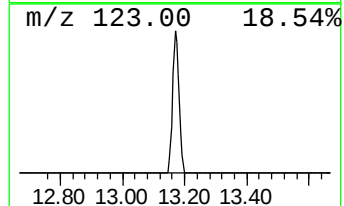
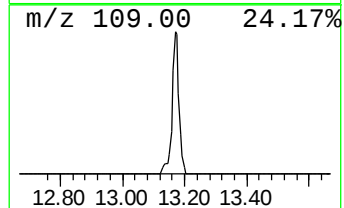
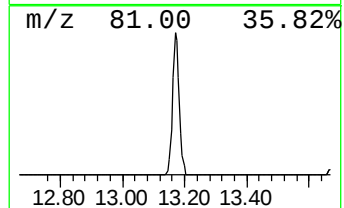
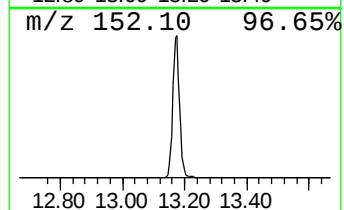
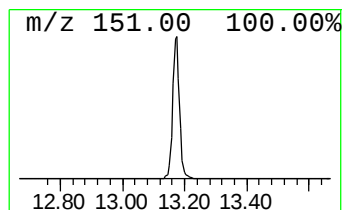
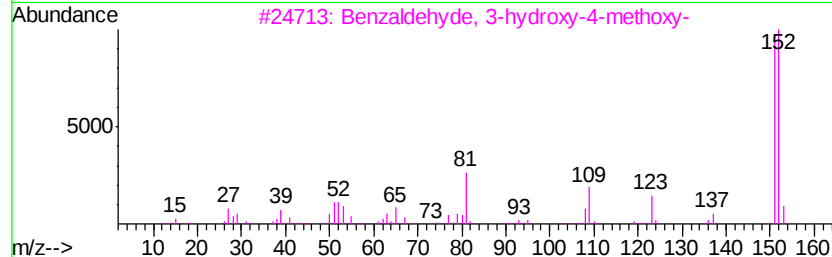
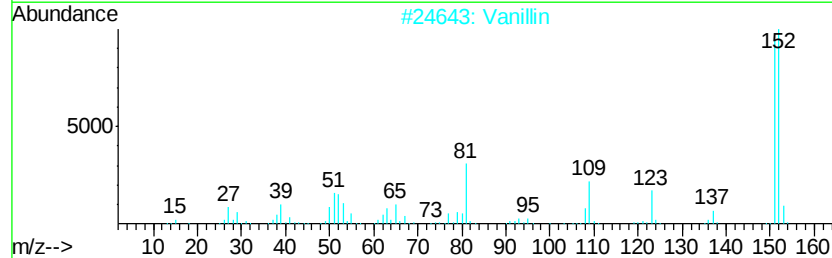
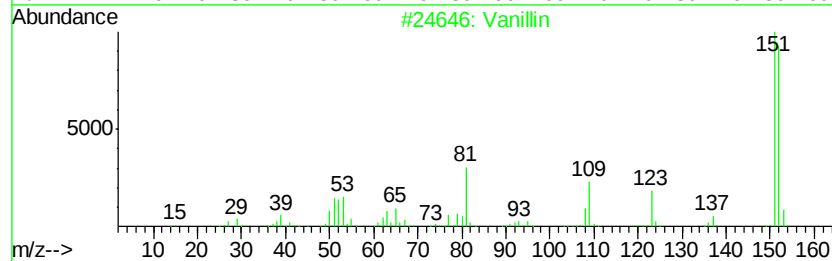
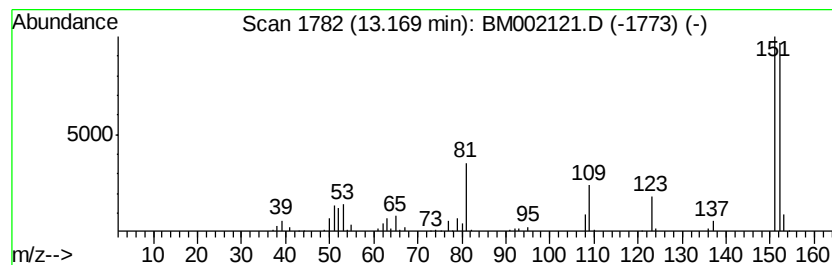
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Vanillin Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	5.58 ng/ul	222975	Acenaphthene-d10	14.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Vanillin	152	C8H8O3	000121-33-5	97
2		Vanillin	152	C8H8O3	000121-33-5	97
3		Benzaldehyd, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	96
4		Vanillin	152	C8H8O3	000121-33-5	95
5		Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	95



Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002121.D
Acq On : 29 Jul 2015 13:01
Operator : TP/UM
Sample : G3037-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02M5

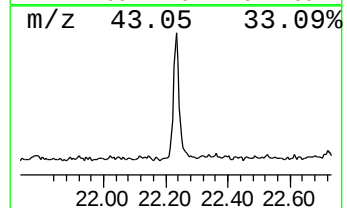
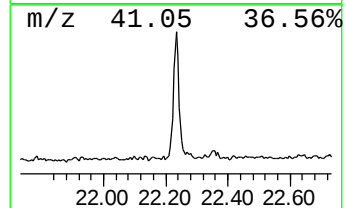
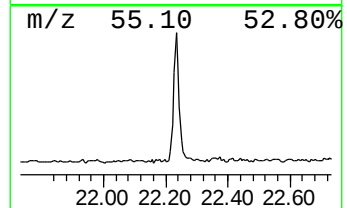
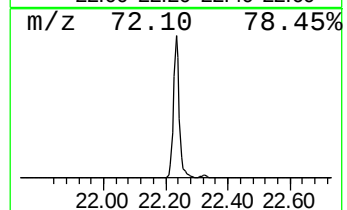
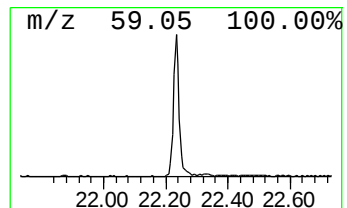
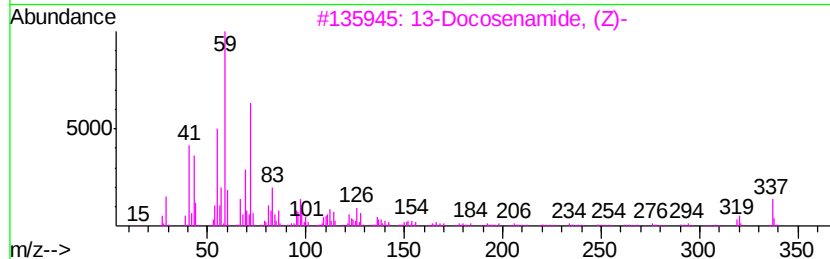
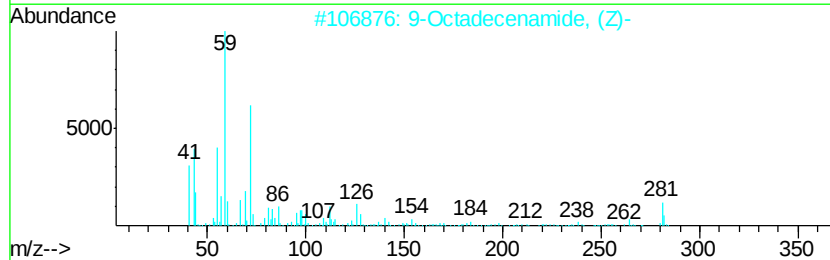
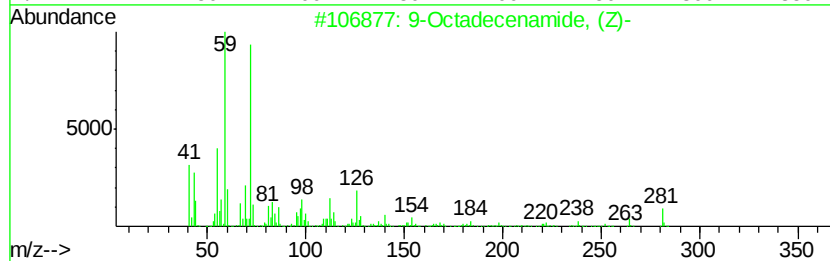
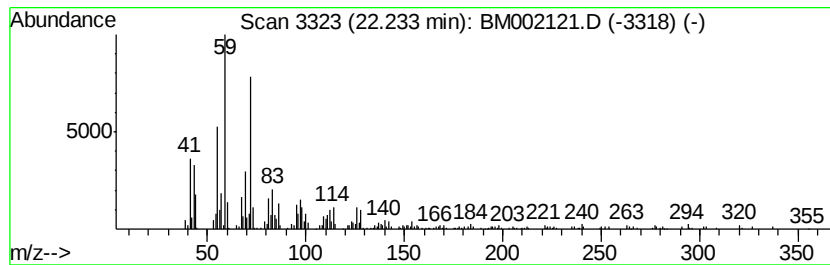
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 9-Octadecenamide, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.23	7.95 ng/ul	407581	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
2		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	83
3		13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	81
4		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	74
5		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	50



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072815\
Data File : BM002121.D
Acq On : 29 Jul 2015 13:01
Operator : TP/UM
Sample : G3037-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02M5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.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
1-Hexanol, 2-ethyl-	7.65	5.1	ng/ul	99836	1	7.59	388511	20.0
Phenol, 2-methoxy-	8.68	20.9	ng/ul	406875	1	7.59	388511	20.0
Propanoic acid, 2...	12.85	2.3	ng/ul	90398	3	14.25	798837	20.0
Vanillin	13.17	5.6	ng/ul	222975	3	14.25	798837	20.0
9-Octadecenamide,...	22.23	8.0	ng/ul	407581	5	21.21	1025910	20.0