

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
 Data File : BM002122.D
 Acq On : 29 Jul 2015 13:37
 Operator : TP/UM
 Sample : G3037-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02M2

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	3.058	59	63	66	rVB	2248	2042	0.11%	0.011%
2	3.787	182	187	191	rBB	2229	2442	0.13%	0.013%
3	4.152	246	249	253	rBB	5141	5849	0.30%	0.031%
4	4.628	327	330	334	rBB3	2986	4549	0.24%	0.024%
5	5.134	413	416	419	rBB	2268	2460	0.13%	0.013%
6	5.640	500	502	503	rBV	2420	2027	0.10%	0.011%
7	5.669	503	507	513	rVB2	6296	10127	0.52%	0.053%
8	6.234	600	603	606	rBB2	1882	1979	0.10%	0.010%
9	6.598	661	665	670	rVB2	2742	4165	0.22%	0.022%
10	6.693	678	681	683	rBB	2150	2275	0.12%	0.012%
11	6.734	684	688	690	rBV	13041	19375	1.00%	0.102%
12	6.769	690	694	701	rVB	48261	76687	3.96%	0.402%
13	6.928	715	721	728	rBB	199180	296084	15.31%	1.552%
14	7.116	747	753	761	rBV	211284	335140	17.33%	1.756%
15	7.587	826	833	839	rBV	247062	373764	19.32%	1.959%
16	7.645	839	843	856	rVB	39817	57336	2.96%	0.300%
17	8.204	933	938	943	rBB2	2401	4633	0.24%	0.024%
18	8.304	949	955	963	rBB	167202	266012	13.75%	1.394%
19	8.410	969	973	978	rBB	10917	16504	0.85%	0.086%
20	8.551	992	997	1003	rBB2	9004	12670	0.65%	0.066%
21	8.681	1013	1019	1025	rBV	152729	238730	12.34%	1.251%
22	8.745	1025	1030	1037	rVB	259980	422617	21.85%	2.215%
23	8.904	1053	1057	1062	rBV	5294	6874	0.36%	0.036%
24	9.310	1122	1126	1131	rBB2	13670	18930	0.98%	0.099%
25	9.469	1146	1153	1159	rBB	230173	385420	19.92%	2.020%
26	9.639	1176	1182	1185	rBB3	4433	6802	0.35%	0.036%
27	9.704	1190	1193	1197	rBB	2257	2834	0.15%	0.015%
28	9.869	1216	1221	1224	rBB2	2287	4245	0.22%	0.022%
29	10.004	1237	1244	1253	rBB	350754	573043	29.62%	3.003%
30	10.157	1266	1270	1275	rBB2	11351	18056	0.93%	0.095%
31	10.292	1289	1293	1297	rBB2	2207	3410	0.18%	0.018%
32	10.375	1300	1307	1313	rBV	338244	560967	29.00%	2.940%
33	10.428	1313	1316	1321	rVB2	11645	15731	0.81%	0.082%
34	10.522	1328	1332	1338	rBB2	9921	13907	0.72%	0.073%

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35	10.675	1355	1358	1364	rBB2	7608	9500	0.49%	0.050%
36	11.028	1412	1418	1423	rBV	7328	10869	0.56%	0.057%
37	11.169	1438	1442	1447	rBB2	4287	5561	0.29%	0.029%
38	11.557	1503	1508	1511	rBB3	3820	4762	0.25%	0.025%
39	11.733	1534	1538	1541	rVB	2100	3161	0.16%	0.017%
40	12.586	1678	1683	1694	rVB	22497	39654	2.05%	0.208%
41	12.698	1699	1702	1707	rVB	1746	1996	0.10%	0.010%
42	12.845	1721	1727	1733	rBV2	48917	69084	3.57%	0.362%
43	13.139	1773	1777	1778	rBV	2280	2766	0.14%	0.014%
44	13.169	1778	1782	1790	rVB	82852	120636	6.24%	0.632%
45	13.563	1846	1849	1852	rVB2	2429	2315	0.12%	0.012%
46	13.669	1860	1867	1872	rBV	730015	991069	51.23%	5.194%
47	13.780	1882	1886	1891	rBB2	3236	3920	0.20%	0.021%
48	13.945	1907	1914	1921	rBV	788888	1141124	58.99%	5.980%
49	14.116	1938	1943	1948	rBV	7911	11026	0.57%	0.058%
50	14.251	1960	1966	1974	rBV2	569312	848152	43.85%	4.445%
51	14.339	1977	1981	1984	rBV2	3746	4565	0.24%	0.024%
52	14.474	1998	2004	2015	rBB	43994	71019	3.67%	0.372%
53	14.851	2064	2068	2072	rBV	13393	14546	0.75%	0.076%
54	14.945	2078	2084	2086	rBV2	2174	3083	0.16%	0.016%
55	14.974	2086	2089	2098	rVV2	7837	13732	0.71%	0.072%
56	15.051	2098	2102	2105	rVV	16965	23369	1.21%	0.122%
57	15.080	2105	2107	2113	rVB	21561	23210	1.20%	0.122%
58	15.251	2129	2136	2142	rBV	1071806	1465759	75.77%	7.682%
59	15.386	2153	2159	2166	rBV	338354	468789	24.23%	2.457%
60	15.486	2169	2176	2180	rBV2	4447	4722	0.24%	0.025%
61	15.621	2194	2199	2203	rBV	6090	8068	0.42%	0.042%
62	16.063	2269	2274	2283	rBV2	3924	7673	0.40%	0.040%
63	16.145	2283	2288	2293	rVB2	3102	3478	0.18%	0.018%
64	16.263	2305	2308	2315	rVB	3064	4574	0.24%	0.024%
65	16.368	2322	2326	2330	rBV	1744	2241	0.12%	0.012%
66	16.792	2394	2398	2401	rVB	1888	2838	0.15%	0.015%
67	17.004	2428	2434	2440	rBV	772642	1048673	54.21%	5.496%
68	17.104	2444	2451	2457	rBV	1155236	1644069	84.99%	8.616%
69	17.286	2477	2482	2486	rBV	8812	11361	0.59%	0.060%
70	17.592	2530	2534	2536	rBV2	2245	2734	0.14%	0.014%
71	17.668	2542	2547	2553	rBV	178593	209908	10.85%	1.100%

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72	17.839	2573	2576	2579	rBV2	1966	2773	0.14%	0.015%
73	17.898	2582	2586	2592	rBV2	14491	20699	1.07%	0.108%
74	17.968	2594	2598	2605	rVV	15911	21178	1.09%	0.111%
75	18.180	2631	2634	2635	rBV2	2366	2298	0.12%	0.012%
76	18.621	2706	2709	2711	rBV2	2249	2232	0.12%	0.012%
77	18.815	2740	2742	2746	rBV3	1528	2058	0.11%	0.011%
78	18.857	2748	2749	2754	rVB6	1792	2333	0.12%	0.012%
79	19.074	2782	2786	2789	rBV4	2521	4742	0.25%	0.025%
80	19.127	2793	2795	2797	rVB3	2820	2648	0.14%	0.014%
81	19.186	2802	2805	2808	rBV3	4784	5723	0.30%	0.030%
82	19.298	2819	2824	2827	rVB	8930	11920	0.62%	0.062%
83	19.409	2836	2843	2850	rBV	1441512	1934402	100.00%	10.138%
84	19.551	2865	2867	2870	rVB4	2643	2373	0.12%	0.012%
85	19.639	2881	2882	2886	rVB3	4426	4181	0.22%	0.022%
86	20.386	3007	3009	3010	rBV2	4083	3482	0.18%	0.018%
87	20.409	3010	3013	3016	rVB	13770	14570	0.75%	0.076%
88	20.756	3069	3072	3076	rBV3	13399	14038	0.73%	0.074%
89	20.998	3111	3113	3119	rVB2	12698	13628	0.70%	0.071%
90	21.203	3143	3148	3155	rBV	969150	1265192	65.40%	6.630%
91	21.303	3163	3165	3167	rBV2	14622	11436	0.59%	0.060%
92	22.233	3318	3323	3332	rBV	787012	1035710	53.54%	5.428%
93	23.268	3491	3499	3506	rBV	894405	1561559	80.73%	8.184%
94	23.409	3516	3523	3531	rVB2	572267	1070772	55.35%	5.612%

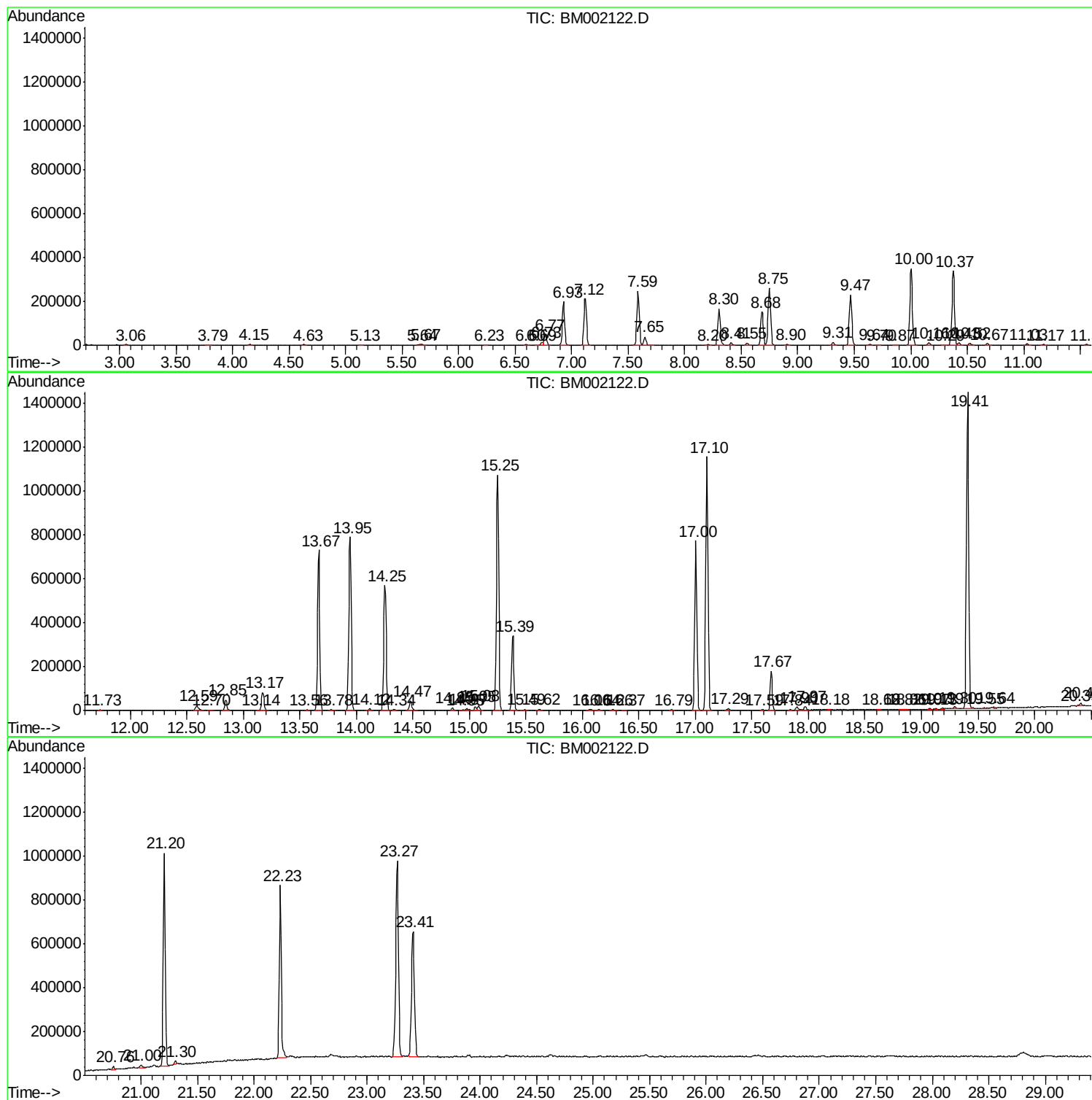
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BNA_M
ClientSampled :
C02M2

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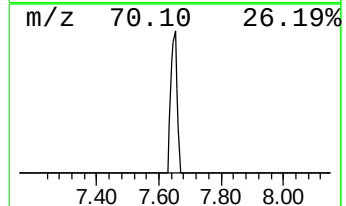
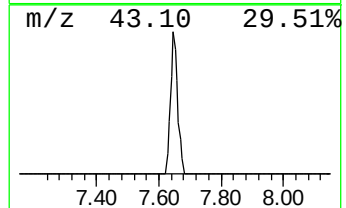
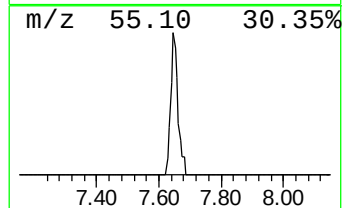
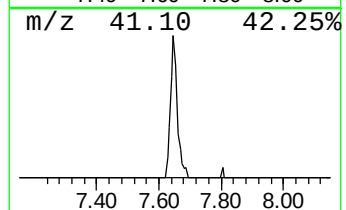
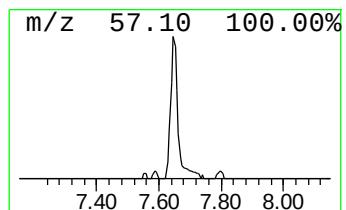
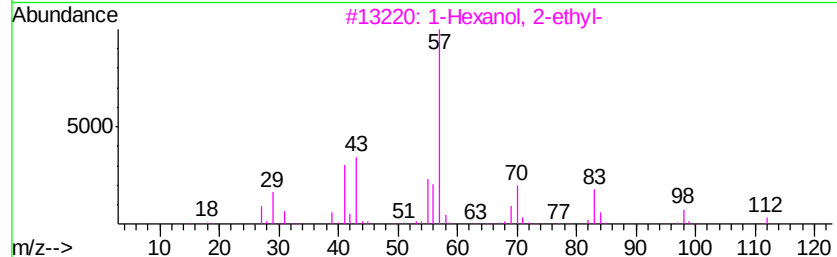
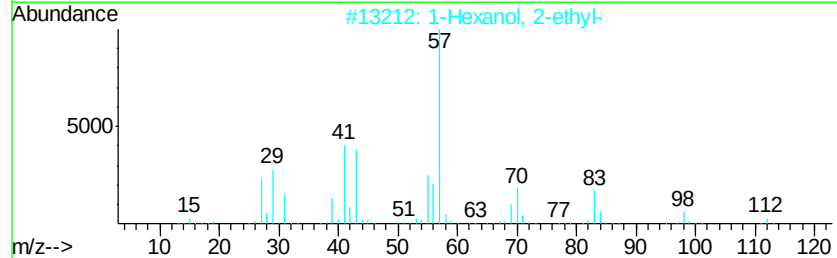
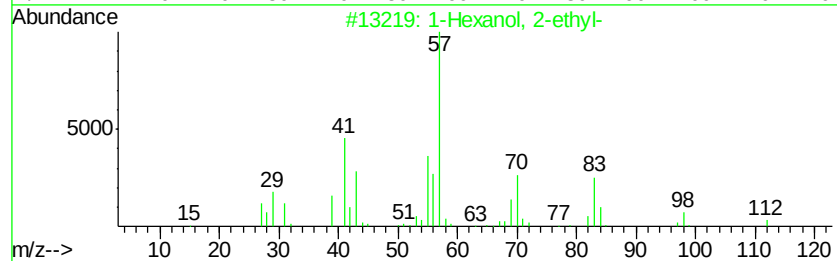
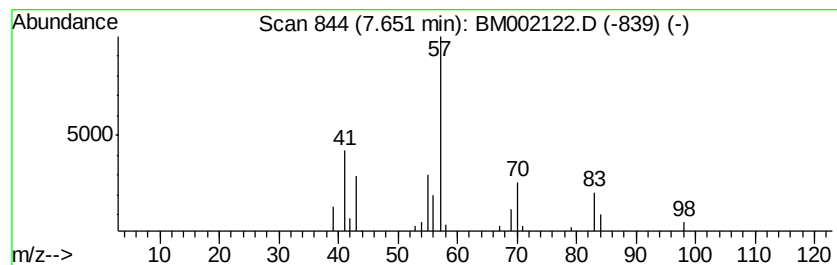
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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	3.07 ng/ul	57336	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	72
2			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
3			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
4			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	47
5			2-Propyl-1-pentanol	130	C8H18O	058175-57-8	38



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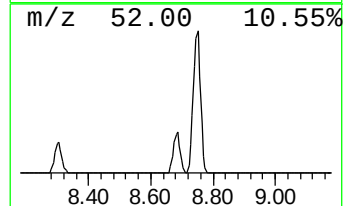
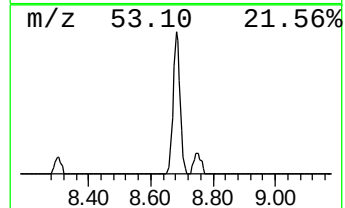
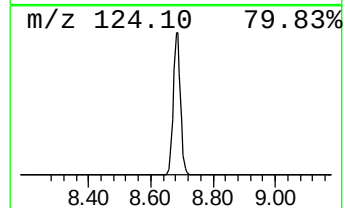
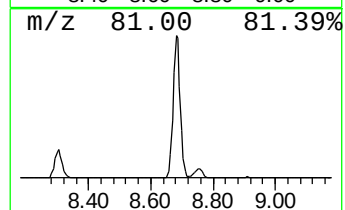
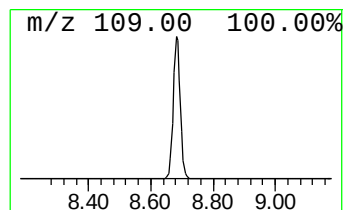
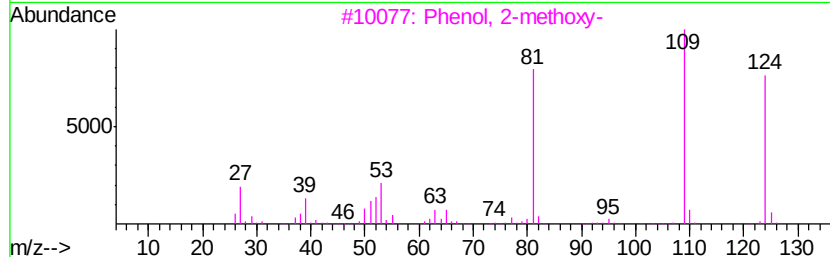
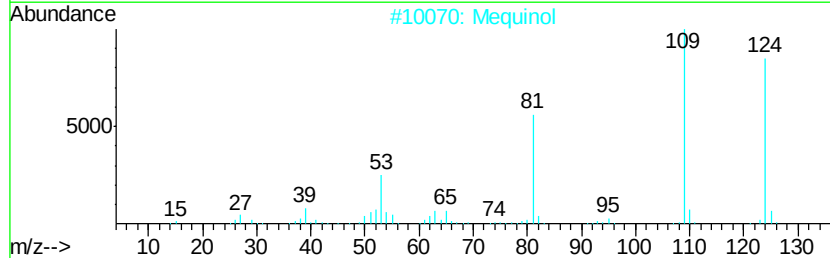
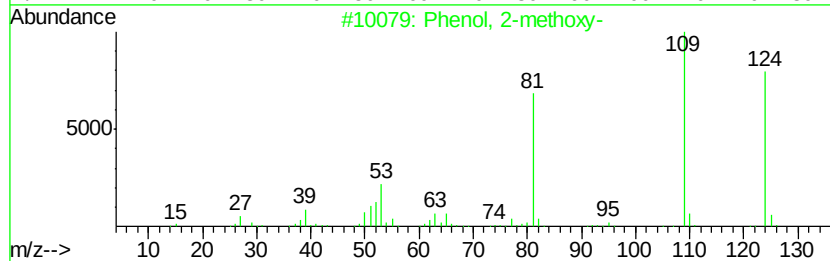
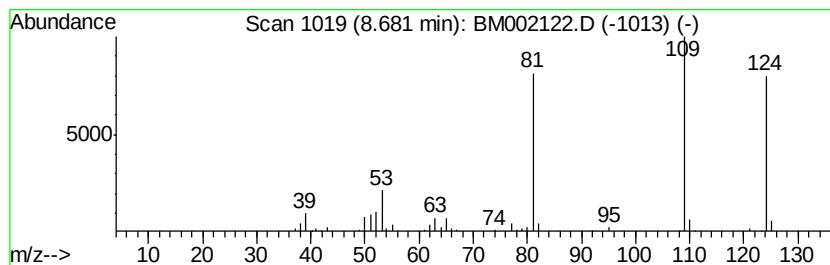
Instrument :
BNA_M
ClientSampleId :
C02M2

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 2 Phenol, 2-methoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	12.77 ng/ul	238730	1,4-Dichlorobenzene-d4	7.59
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Phenol, 2-methoxy-	124 C7H8O2	000090-05-1	96
2	Mequinol	124 C7H8O2	000150-76-5	91
3	Phenol, 2-methoxy-	124 C7H8O2	000090-05-1	90
4	Phenol, 2-methoxy-	124 C7H8O2	000090-05-1	90
5	Mequinol	124 C7H8O2	000150-76-5	90



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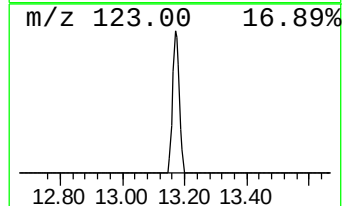
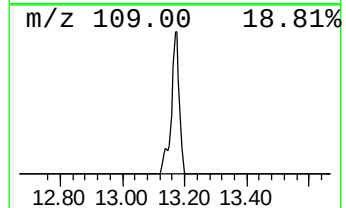
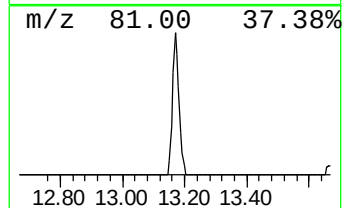
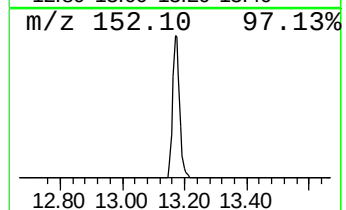
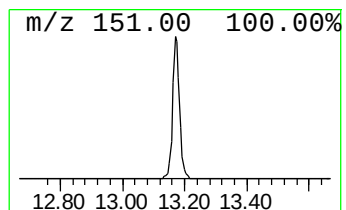
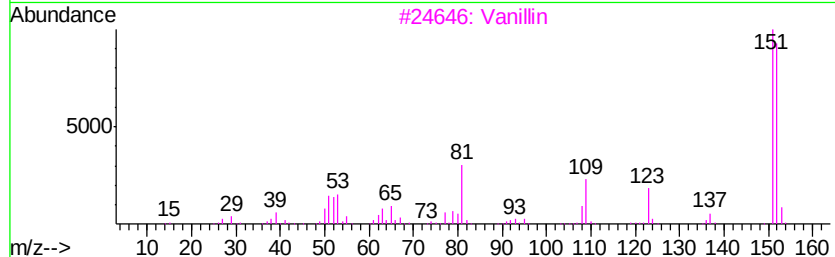
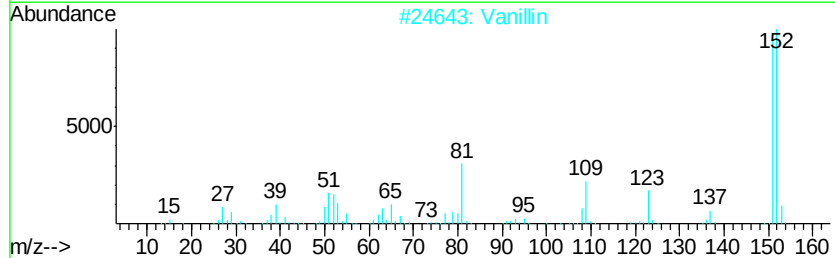
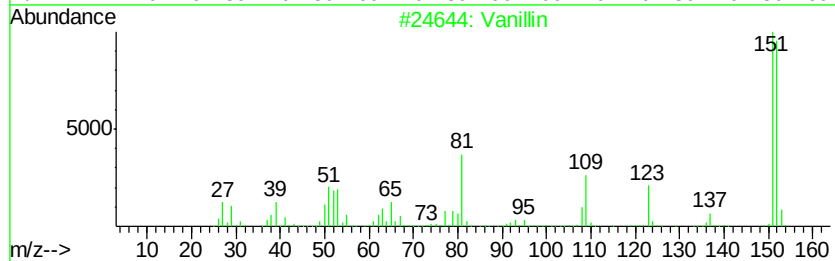
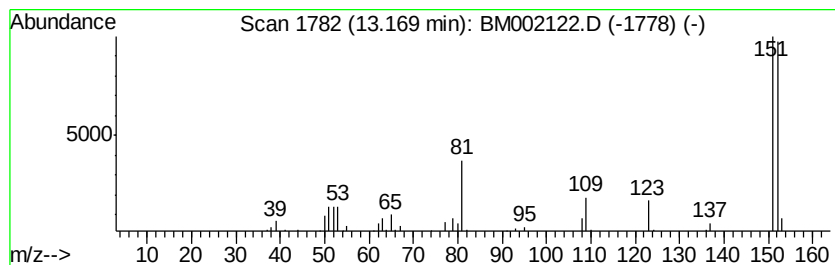
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Vanillin Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	2.84 ng/ul	120636	Acenaphthene-d10	14.25

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin		152	C8H8O3	000121-33-5	98
2	Vanillin		152	C8H8O3	000121-33-5	97
3	Vanillin		152	C8H8O3	000121-33-5	97
4	Benzaldehyde, 3-hydroxy-4-methoxy-		152	C8H8O3	000621-59-0	96
5	Vanillin		152	C8H8O3	000121-33-5	95



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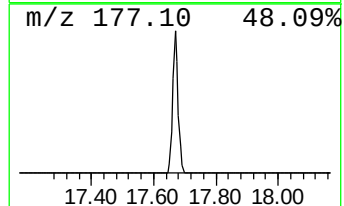
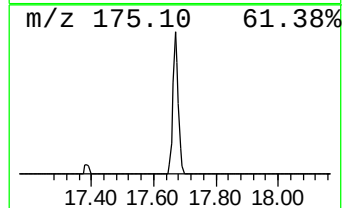
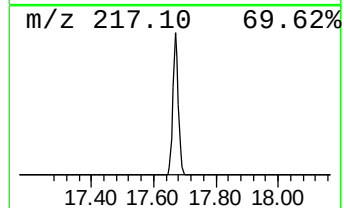
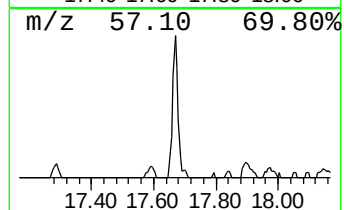
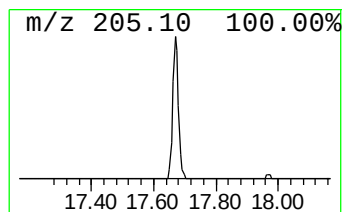
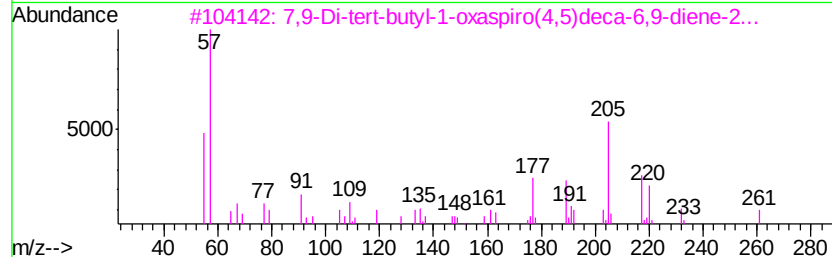
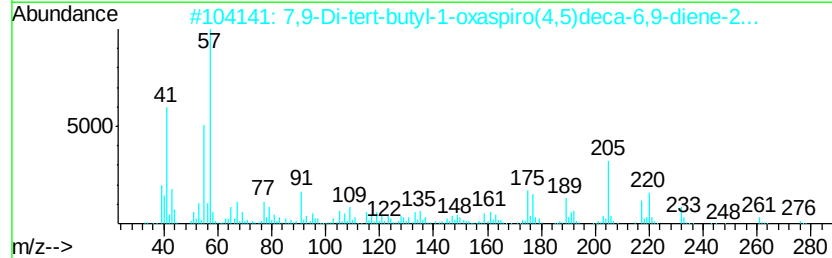
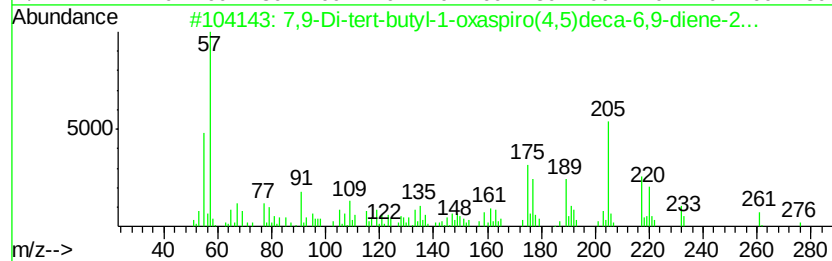
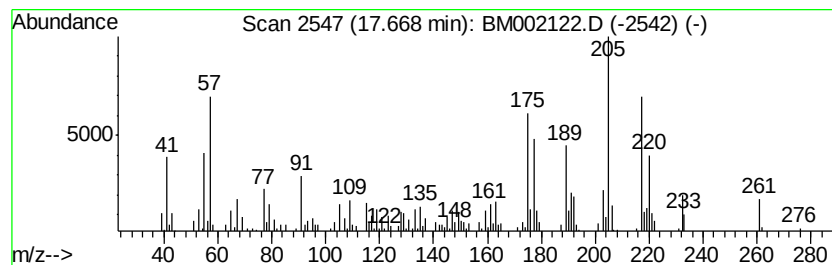
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	4.00 ng/ul	209908	Phenanthrene-d10	17.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	99
2			7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	98
3			7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	81
4			2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	74
5			Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	62



Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002122.D
Acq On : 29 Jul 2015 13:37
Operator : TP/UM
Sample : G3037-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

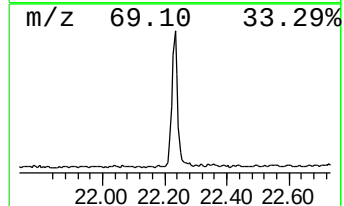
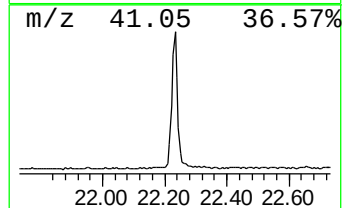
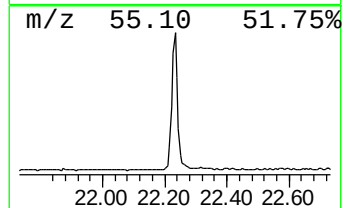
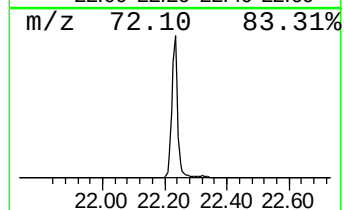
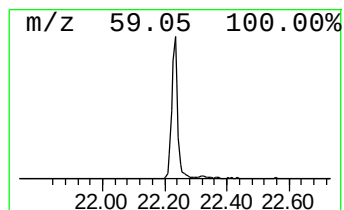
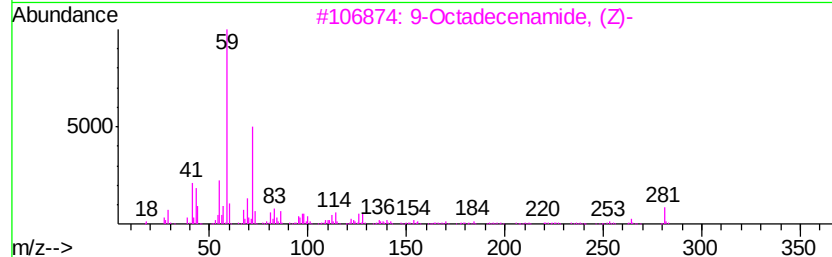
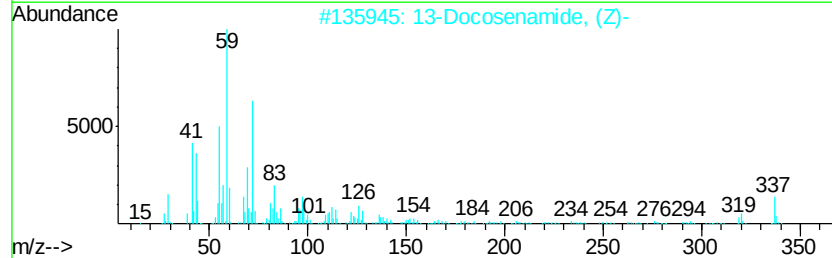
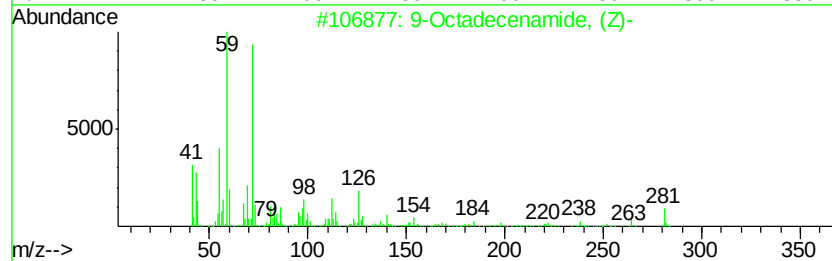
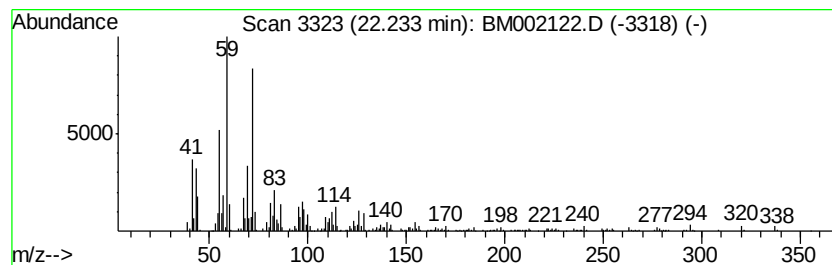
Instrument :
BNA_M
ClientSampleId :
C02M2

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 5 9-Octadecenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.23	16.37 ng/ul	1035710	Chrysene-d12	21.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	9-Octadecenamide, (Z)-	281 C18H35NO	000301-02-0	72
2	13-Docosenamide, (Z)-	337 C22H43NO	000112-84-5	60
3	9-Octadecenamide, (Z)-	281 C18H35NO	000301-02-0	58
4	13-Docosenamide, (Z)-	337 C22H43NO	000112-84-5	53
5	Tetradecanamide	227 C14H29NO	000638-58-4	50



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072815\
Data File : BM002122.D
Acq On : 29 Jul 2015 13:37
Operator : TP/UM
Sample : G3037-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02M2

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	3.1	ng/ul	57336	1	7.59	373764	20.0
Phenol, 2-methoxy-	8.68	12.8	ng/ul	238730	1	7.59	373764	20.0
Vanillin	13.17	2.8	ng/ul	120636	3	14.25	848152	20.0
7,9-Di-tert-butyl...	17.67	4.0	ng/ul	209908	4	17.00	1048670	20.0
9-Octadecenamide,...	22.23	16.4	ng/ul	1035710	5	21.20	1265190	20.0