

Data Path : S:\HPCHEM1\BNA_M\DATA\BM072015\
 Data File : BM001972.D
 Acq On : 20 Jul 2015 13:51
 Operator : TP/UM
 Sample : G3002-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02N6

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 : S:\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	3.134	73	76	80	rBV2	2942	2854	0.13%	0.015%
2	4.693	337	341	347	rBV	3909	5466	0.26%	0.028%
3	5.163	414	421	425	rVB3	3542	5105	0.24%	0.026%
4	5.204	425	428	432	rBV	2032	3016	0.14%	0.016%
5	5.740	515	519	524	rVB	5575	8318	0.39%	0.043%
6	6.304	611	615	617	rBB2	2355	2471	0.12%	0.013%
7	6.757	689	692	695	rVB	2610	3149	0.15%	0.016%
8	6.822	695	703	713	rBB	60847	108796	5.11%	0.562%
9	6.992	725	732	739	rVB	221152	330856	15.54%	1.710%
10	7.181	759	764	772	rBV	238329	365389	17.16%	1.888%
11	7.651	837	844	850	rBV	280834	436750	20.51%	2.257%
12	7.710	850	854	861	rVB	38217	56298	2.64%	0.291%
13	8.269	946	949	952	rBB	2015	2334	0.11%	0.012%
14	8.357	957	964	972	rBB	193300	305504	14.35%	1.579%
15	8.475	980	984	989	rBB2	10249	13810	0.65%	0.071%
16	8.616	1004	1008	1012	rBB	8522	11466	0.54%	0.059%
17	8.745	1023	1030	1036	rBV	159441	244301	11.47%	1.262%
18	8.816	1036	1042	1048	rVV	282851	462116	21.70%	2.388%
19	9.375	1134	1137	1141	rVB	7323	9432	0.44%	0.049%
20	9.528	1157	1163	1171	rVB	243266	401795	18.87%	2.076%
21	9.698	1187	1192	1199	rBB3	2730	4867	0.23%	0.025%
22	9.933	1227	1232	1235	rBV2	1855	3303	0.16%	0.017%
23	10.063	1247	1254	1266	rBB	392307	620479	29.14%	3.206%
24	10.222	1276	1281	1286	rBV	11976	17589	0.83%	0.091%
25	10.439	1311	1318	1324	rBV	397157	669122	31.43%	3.457%
26	10.492	1324	1327	1332	rVB	21669	31165	1.46%	0.161%
27	10.580	1339	1342	1348	rBV2	1484	2276	0.11%	0.012%
28	10.745	1366	1370	1373	rBV2	7169	8811	0.41%	0.046%
29	11.098	1425	1430	1433	rBV2	4312	6702	0.31%	0.035%
30	11.339	1466	1471	1475	rBB3	1131	2293	0.11%	0.012%
31	12.074	1594	1596	1600	rBV	2239	3358	0.16%	0.017%
32	12.104	1600	1601	1607	rVB	1977	2457	0.12%	0.013%
33	12.651	1690	1694	1699	rBV2	18473	29215	1.37%	0.151%
34	12.904	1732	1737	1744	rBB	39716	56345	2.65%	0.291%

Data Path : S:\HPCHEM1\BNA_M\DATA\BM072015\
 Data File : BM001972.D
 Acq On : 20 Jul 2015 13:51
 Operator : TP/UM
 Sample : G3002-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02N6

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 : S:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
 Title : SVOA CALIBRATION

35	13.227	1781	1792	1801	rBV	70582	100032	4.70%	0.517%
36	13.721	1870	1876	1882	rBV	756297	1008833	47.38%	5.213%
37	13.998	1917	1923	1931	rBV	846919	1254118	58.90%	6.480%
38	14.168	1948	1952	1957	rBV2	4973	7609	0.36%	0.039%
39	14.310	1969	1976	1984	rVB2	691429	1000107	46.97%	5.168%
40	14.392	1984	1990	1992	rBV3	2781	3384	0.16%	0.017%
41	14.510	2005	2010	2018	rBV	51211	75624	3.55%	0.391%
42	14.904	2072	2077	2081	rBV	12232	13768	0.65%	0.071%
43	15.004	2087	2094	2096	rBV2	2042	2888	0.14%	0.015%
44	15.033	2096	2099	2105	rVV2	7167	9735	0.46%	0.050%
45	15.110	2107	2112	2114	rVV	14320	18652	0.88%	0.096%
46	15.133	2114	2116	2121	rVB	13339	15282	0.72%	0.079%
47	15.304	2139	2145	2156	rBV	1143999	1618740	76.02%	8.364%
48	15.433	2161	2167	2175	rBV	318642	429776	20.18%	2.221%
49	15.545	2180	2186	2190	rBV2	3572	5308	0.25%	0.027%
50	15.674	2204	2208	2211	rVB2	3993	4633	0.22%	0.024%
51	16.321	2313	2318	2322	rBV3	1011	2136	0.10%	0.011%
52	16.845	2403	2407	2411	rVB	2207	2860	0.13%	0.015%
53	17.056	2437	2443	2449	rBV2	888471	1232014	57.86%	6.366%
54	17.156	2453	2460	2469	rBV	1404495	1858569	87.29%	9.603%
55	17.339	2488	2491	2496	rBV	9493	10887	0.51%	0.056%
56	17.727	2552	2557	2562	rBV	170908	200931	9.44%	1.038%
57	18.027	2603	2608	2612	rBV	10418	11887	0.56%	0.061%
58	19.345	2828	2832	2837	rBV2	9088	10816	0.51%	0.056%
59	19.462	2845	2852	2860	rBV	1631016	2129244	100.00%	11.002%
60	19.639	2879	2882	2887	rVB2	1163	2309	0.11%	0.012%
61	19.697	2887	2892	2895	rBV2	3612	4759	0.22%	0.025%
62	20.809	3079	3081	3084	rVB3	3602	3258	0.15%	0.017%
63	21.056	3119	3123	3126	rBV2	11100	12717	0.60%	0.066%
64	21.180	3140	3144	3145	rBV4	2495	3200	0.15%	0.017%
65	21.262	3152	3158	3167	rBV	1163481	1341521	63.00%	6.932%
66	22.297	3330	3334	3340	rBV2	60489	76645	3.60%	0.396%
67	22.756	3409	3412	3416	rVB4	7375	10601	0.50%	0.055%
68	23.350	3505	3513	3522	rVB2	840762	1549238	72.76%	8.005%
69	23.491	3529	3537	3547	rVB	583726	1084484	50.93%	5.603%

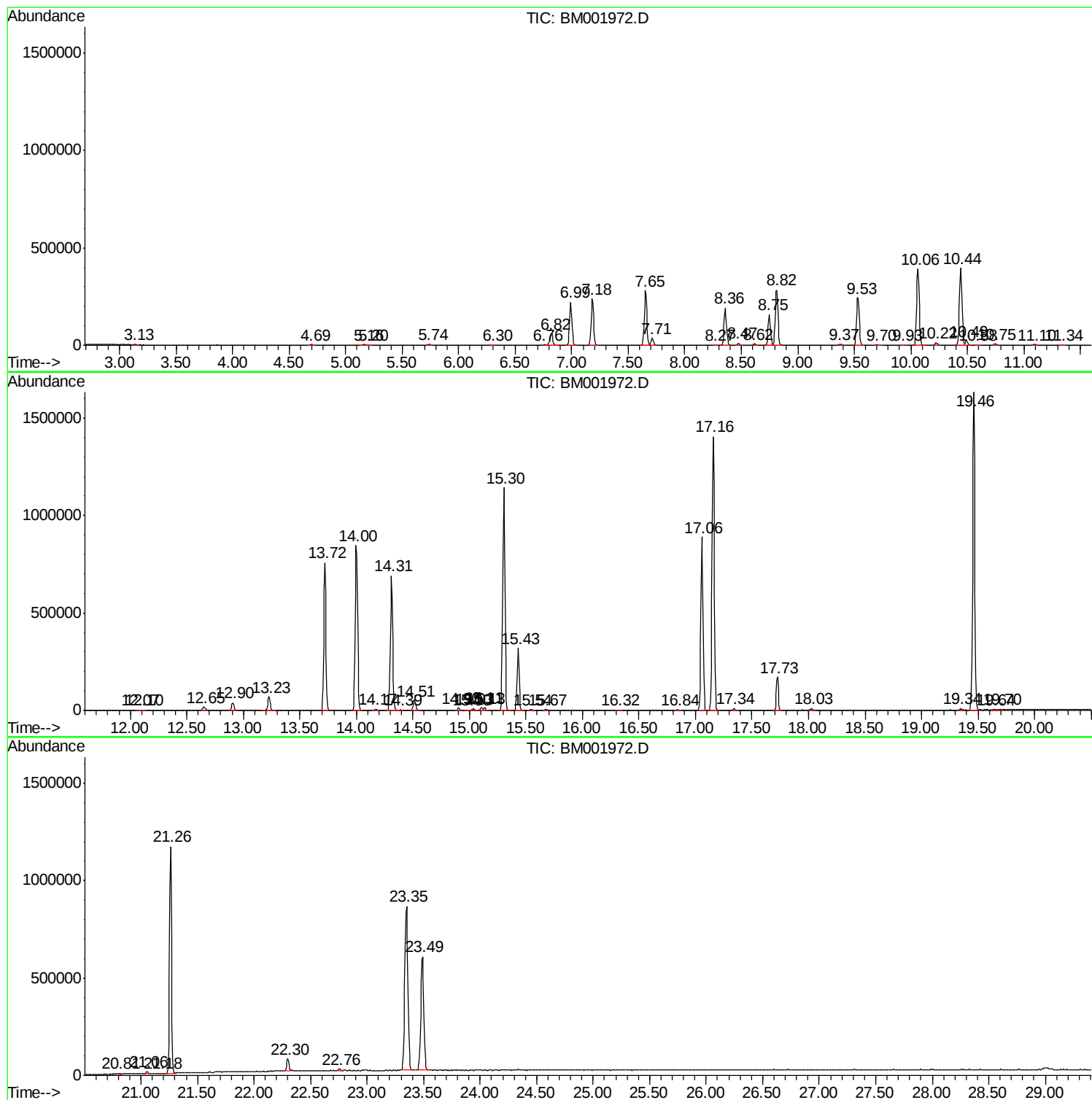
Sum of corrected areas: 19353773

Data Path : S:\HPCHEM1\BNA_M\DATA\BM072015\
Data File : BM001972.D
Acq On : 20 Jul 2015 13:51
Operator : TP/UM
Sample : G3002-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
C02N6

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 : S:\HPCHEM1\BNA_M\DATA\BM072015\
Data File : BM001972.D
Acq On : 20 Jul 2015 13:51
Operator : TP/UM
Sample : G3002-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02N6

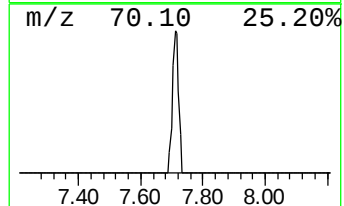
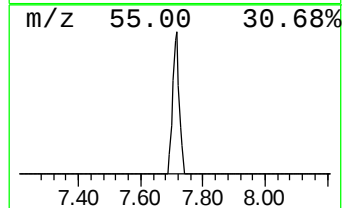
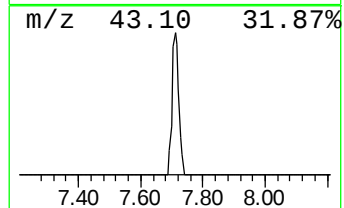
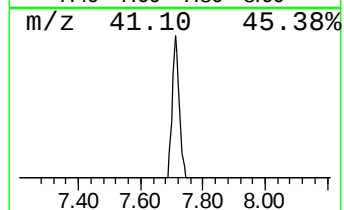
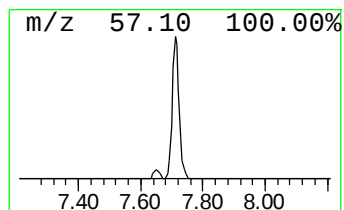
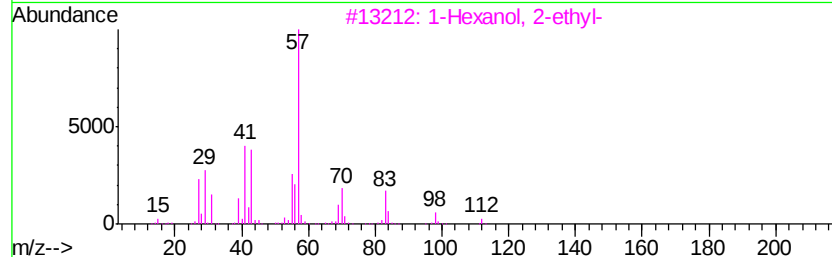
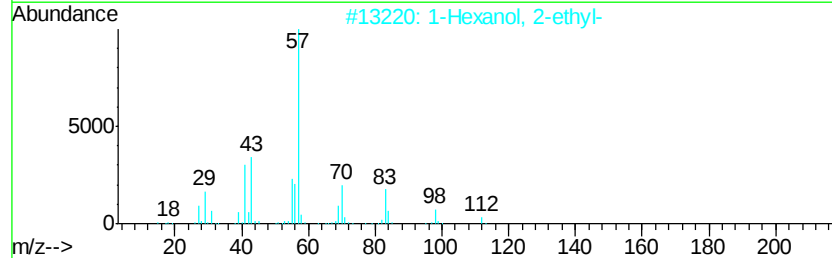
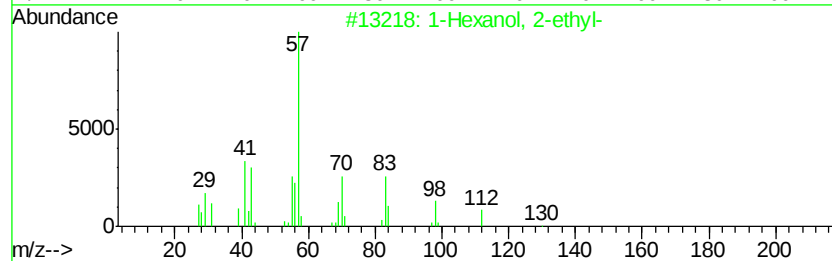
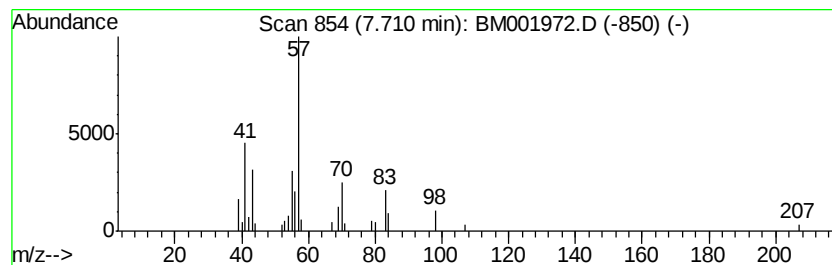
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	2.58 ng/ul	56298	1,4-Dichlorobenzene-d4	7.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
4			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
5			1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	50



Data Path : S:\HPCHEM1\BNA_M\DATA\BM072015\
Data File : BM001972.D
Acq On : 20 Jul 2015 13:51
Operator : TP/UM
Sample : G3002-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02N6

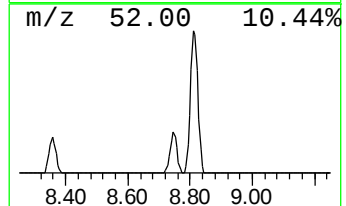
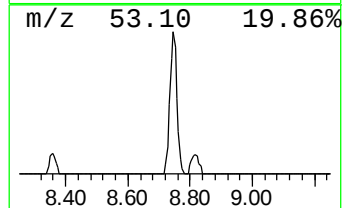
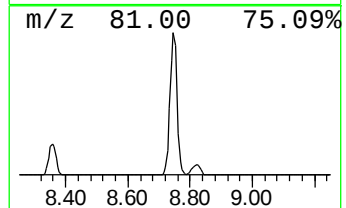
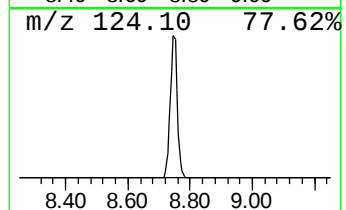
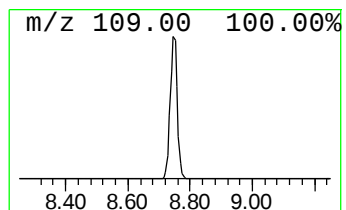
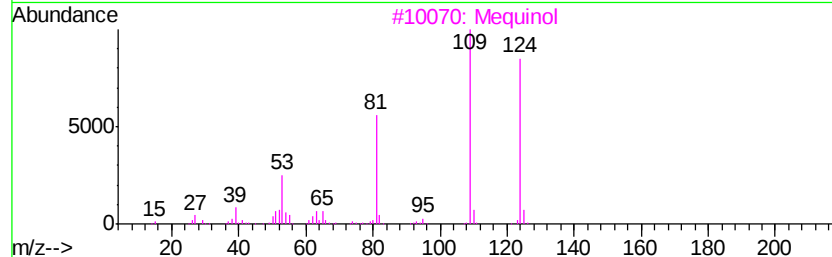
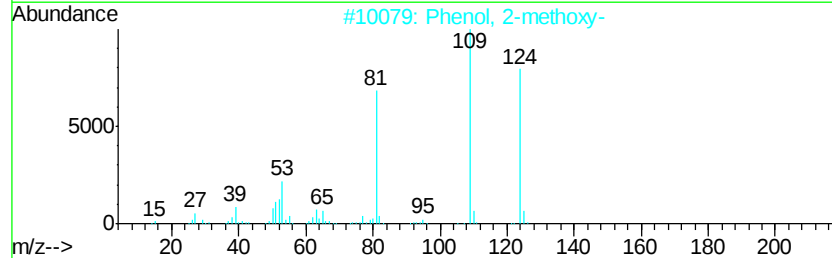
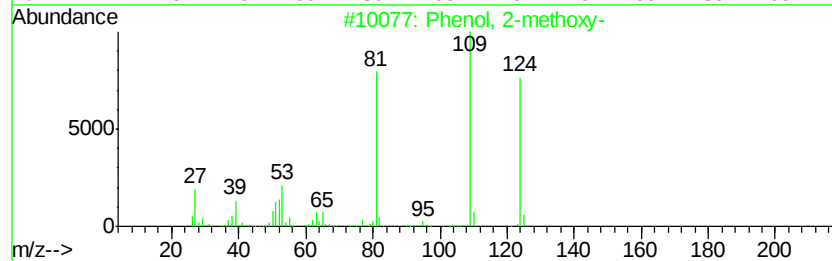
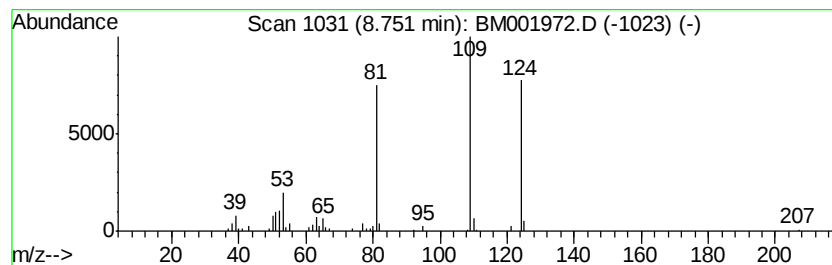
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	11.19 ng/ul	244301	1,4-Dichlorobenzene-d4	7.65

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		Mequinol	124	C7H8O2	000150-76-5	90
5		Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	90



Data Path : S:\HPCHEM1\BNA_M\DATA\BM072015\
Data File : BM001972.D
Acq On : 20 Jul 2015 13:51
Operator : TP/UM
Sample : G3002-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02N6

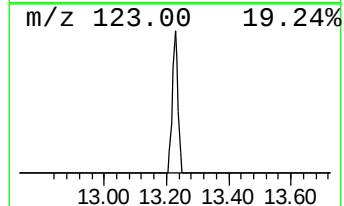
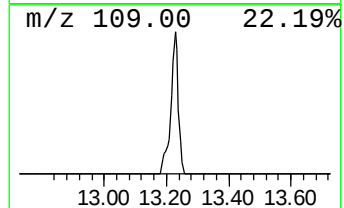
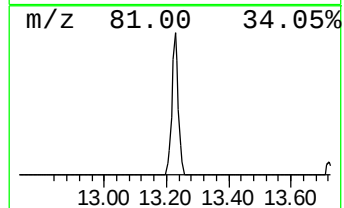
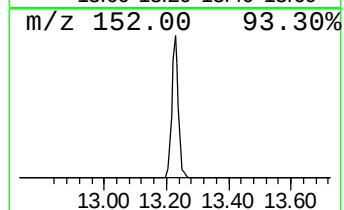
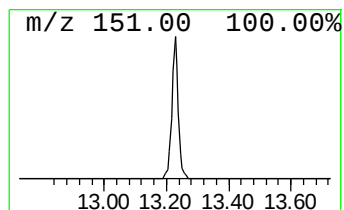
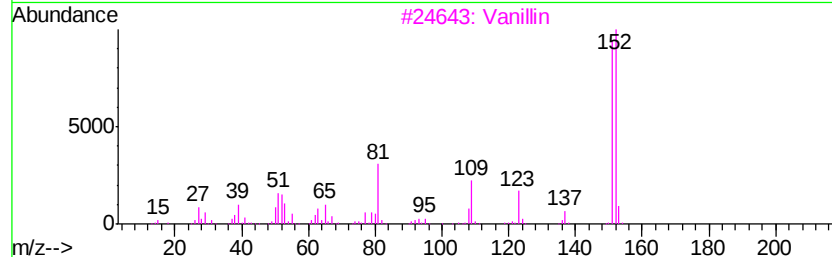
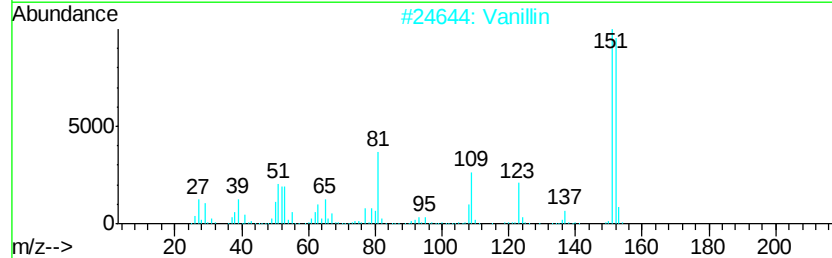
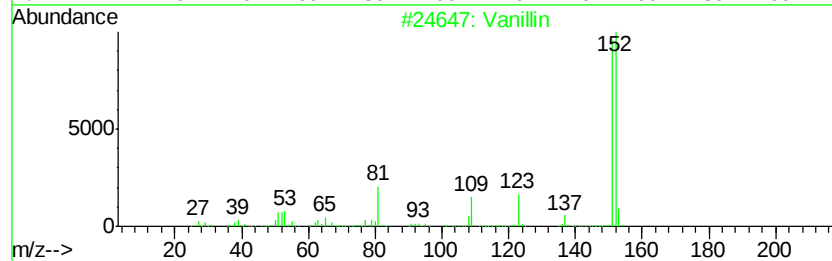
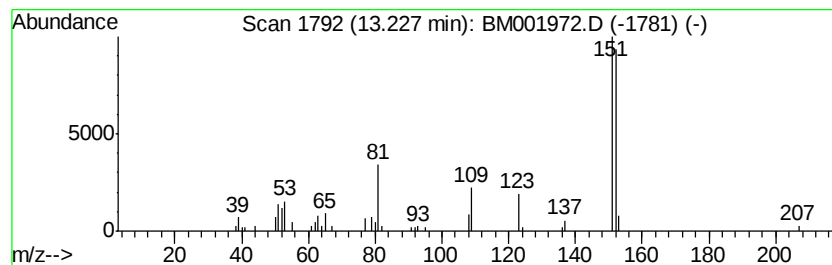
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Vanillin Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	2.00 ng/ul	100032	Acenaphthene-d10	14.31

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin		152	C8H8O3	000121-33-5	97
2	Vanillin		152	C8H8O3	000121-33-5	97
3	Vanillin		152	C8H8O3	000121-33-5	96
4	Vanillin		152	C8H8O3	000121-33-5	96
5	Benzaldehyde, 3-hydroxy-4-methoxy-		152	C8H8O3	000621-59-0	93



Data Path : S:\HPCHEM1\BNA_M\DATA\BM072015\
Data File : BM001972.D
Acq On : 20 Jul 2015 13:51
Operator : TP/UM
Sample : G3002-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02N6

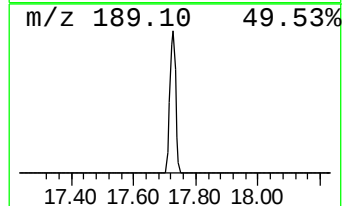
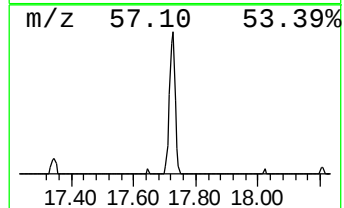
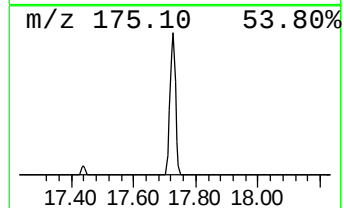
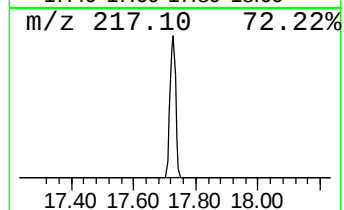
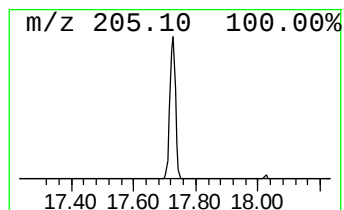
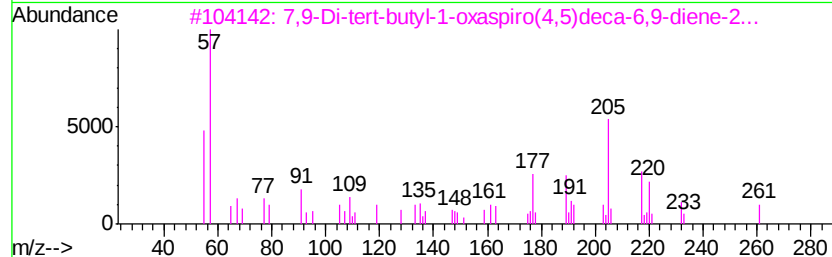
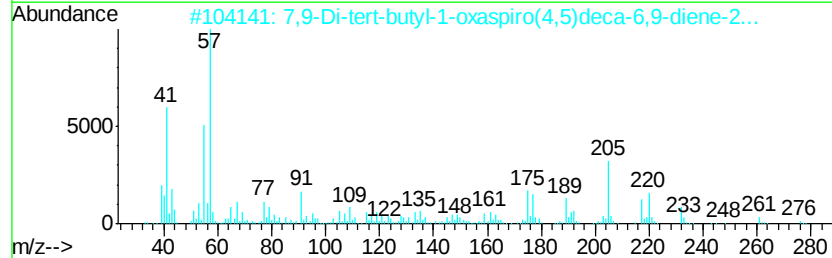
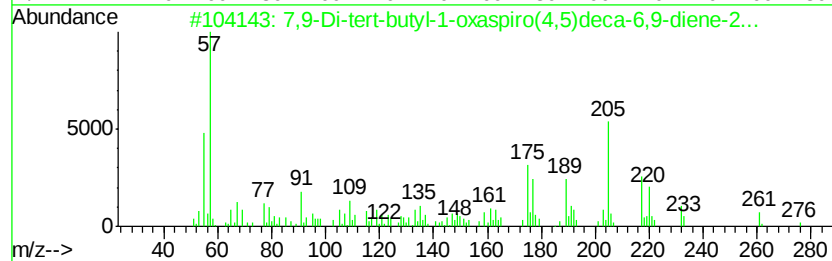
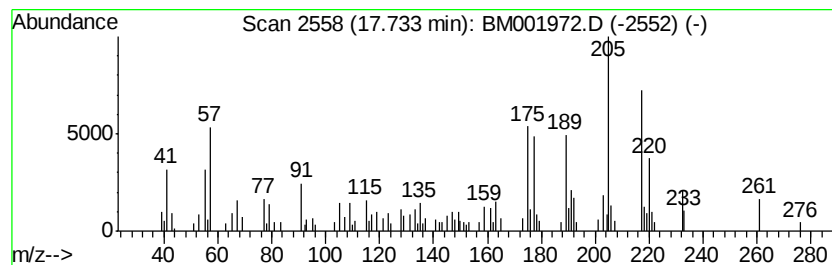
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	3.26 ng/ul	200931	Phenanthrene-d10	17.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	89
3		7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	87
4		Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	50
5		2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	42



Data Path : S:\HPCHEM1\BNA_M\DATA\BM072015\
Data File : BM001972.D
Acq On : 20 Jul 2015 13:51
Operator : TP/UM
Sample : G3002-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02N6

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
1-Hexanol, 2-ethyl-	7.71	2.6	ng/ul	56298	1	7.65	436750	20.0
Phenol, 2-methoxy-	8.75	11.2	ng/ul	244301	1	7.65	436750	20.0
Vanillin	13.23	2.0	ng/ul	100032	3	14.31	1000110	20.0
7,9-Di-tert-butyl...	17.73	3.3	ng/ul	200931	4	17.06	1232010	20.0