

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062116\
 Data File : BM005883.D
 Acq On : 21 Jun 2016 07:50
 Operator : UM/SJ
 Sample : H3461-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AY1

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 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-BM062116.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	6.846	718	724	734	rVB2	181552	354230	3.95%	0.489%
2	7.022	747	754	766	rBV	591288	999348	11.15%	1.379%
3	7.210	779	786	797	rBV	620538	1044279	11.65%	1.441%
4	7.681	857	866	872	rBV	588490	961052	10.72%	1.326%
5	7.746	872	877	883	rVB	86202	143517	1.60%	0.198%
6	8.381	977	985	995	rBV	554196	936555	10.45%	1.293%
7	8.769	1045	1051	1056	rBV2	205113	355099	3.96%	0.490%
8	8.834	1056	1062	1073	rVV	785531	1425768	15.90%	1.968%
9	9.551	1175	1184	1197	rBV	591369	1053725	11.75%	1.454%
10	10.081	1267	1274	1284	rBV	997278	1764035	19.67%	2.434%
11	10.375	1319	1324	1331	rVB3	48007	95698	1.07%	0.132%
12	10.463	1331	1339	1345	rBV	948794	1652220	18.43%	2.280%
13	10.522	1345	1349	1355	rVB4	96572	164973	1.84%	0.228%
14	11.110	1443	1449	1459	rVB	174494	336250	3.75%	0.464%
15	11.745	1550	1557	1568	rBV4	115661	270647	3.02%	0.374%
16	12.681	1709	1716	1723	rBV	788454	1203040	13.42%	1.660%
17	12.933	1751	1759	1776	rBV	1078668	1644791	18.34%	2.270%
18	13.233	1804	1810	1817	rBV3	61263	108290	1.21%	0.149%
19	13.739	1890	1896	1907	rBV	2514327	3830182	42.72%	5.286%
20	13.869	1913	1918	1921	rBV2	67770	93152	1.04%	0.129%
21	14.016	1932	1943	1951	rBV	2637462	4040049	45.06%	5.576%
22	14.145	1956	1965	1979	rVB3	52426	197633	2.20%	0.273%
23	14.328	1989	1996	2004	rVB2	1565882	2524735	28.16%	3.484%
24	14.516	2022	2028	2037	rBV	257614	429057	4.79%	0.592%
25	15.010	2108	2112	2118	rBV	46550	89674	1.00%	0.124%
26	15.075	2119	2123	2131	rVV	117155	178957	2.00%	0.247%
27	15.157	2131	2137	2147	rVB	206078	323710	3.61%	0.447%
28	15.322	2158	2165	2176	rBV	3760149	5514291	61.50%	7.610%
29	15.439	2178	2185	2198	rVV	985490	1500508	16.74%	2.071%
30	15.563	2201	2206	2211	rVV	66813	103231	1.15%	0.142%
31	15.616	2211	2215	2222	rVB2	64114	93518	1.04%	0.129%
32	17.074	2456	2463	2473	rBV	2405825	3434593	38.31%	4.740%
33	17.174	2473	2480	2491	rVV2	4634249	6980444	77.85%	9.633%
34	17.751	2573	2578	2586	rBV	828185	1140696	12.72%	1.574%

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Integration Parameters: LSCINT.P

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35	17.980	2613	2617	2626	rBV3	87045	165647	1.85%	0.229%
36	19.104	2801	2808	2814	rBV	73737	116864	1.30%	0.161%
37	19.268	2833	2836	2843	rBV2	101791	157783	1.76%	0.218%
38	19.474	2864	2871	2877	rBV	5828805	8439578	94.13%	11.647%
39	21.204	3162	3165	3169	rBV2	77079	99837	1.11%	0.138%
40	21.268	3171	3176	3182	rBV	3694644	4741609	52.88%	6.544%
41	23.356	3524	3531	3539	rBV2	4610722	8966264	100.00%	12.374%
42	23.497	3548	3555	3566	rVB	2521077	4785046	53.37%	6.604%

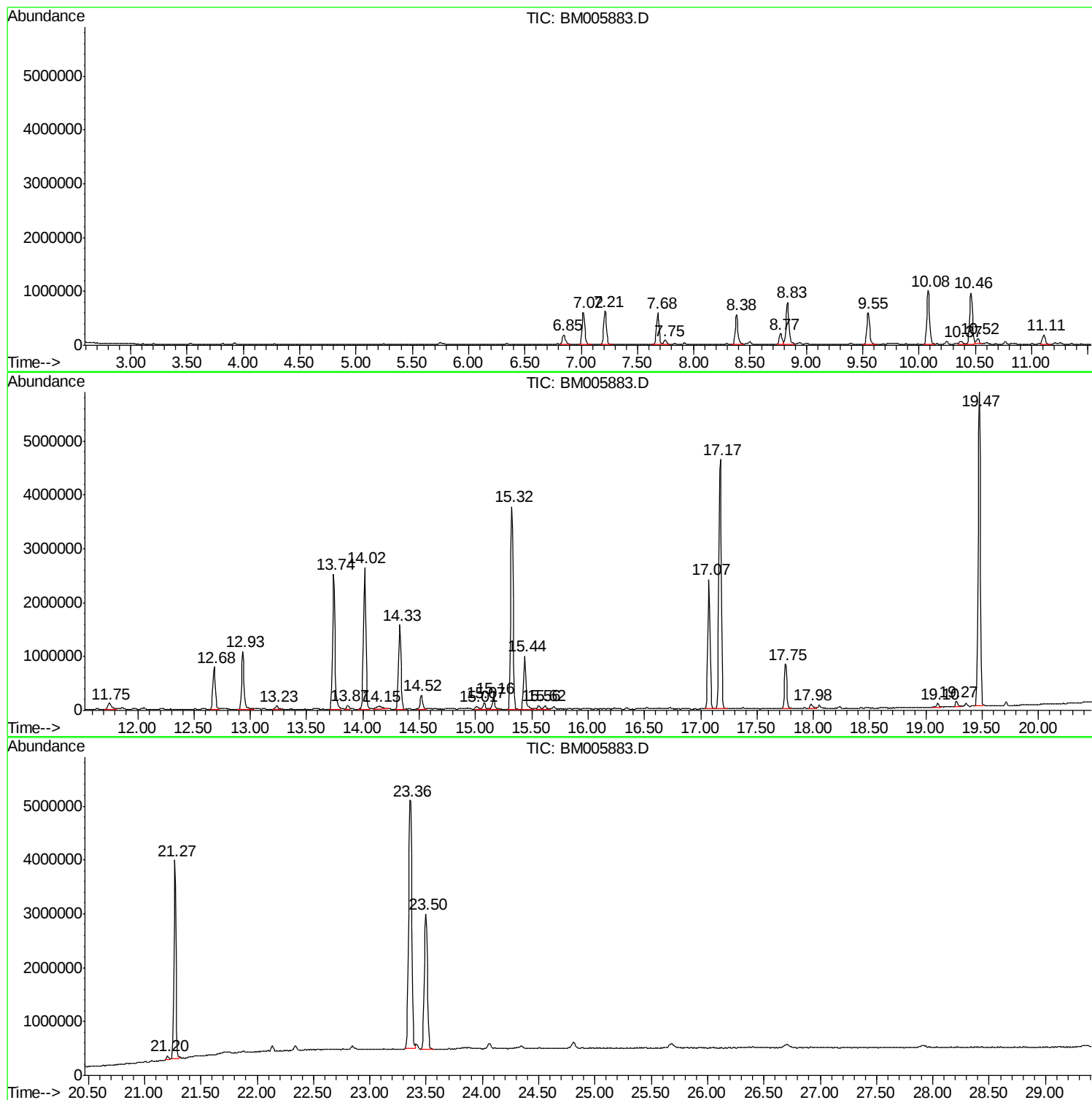
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062116.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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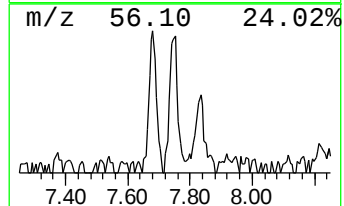
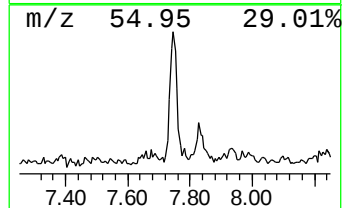
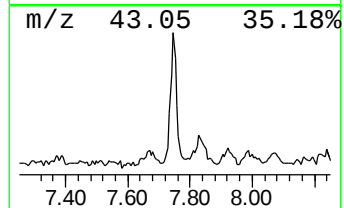
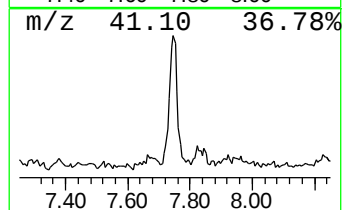
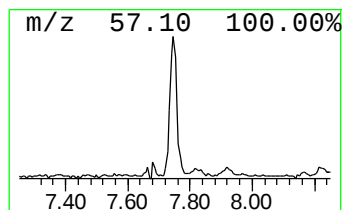
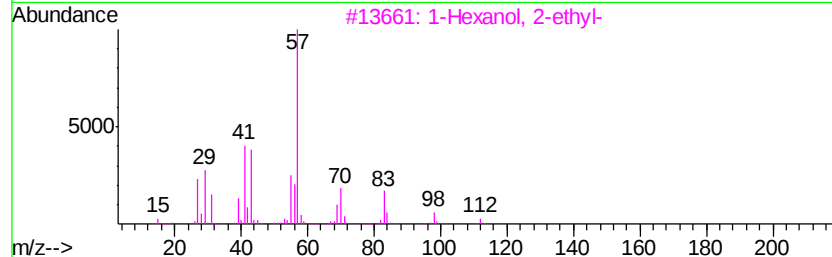
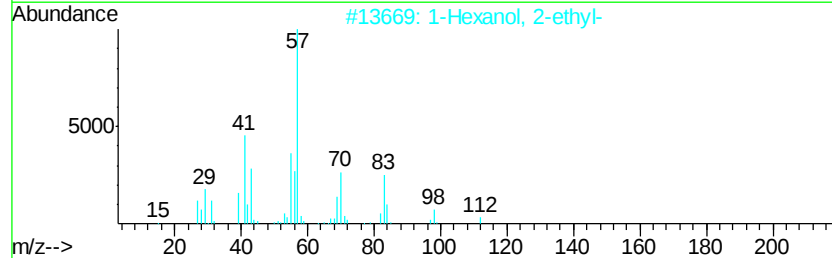
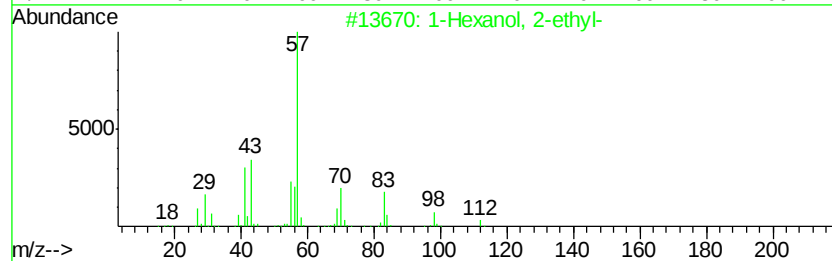
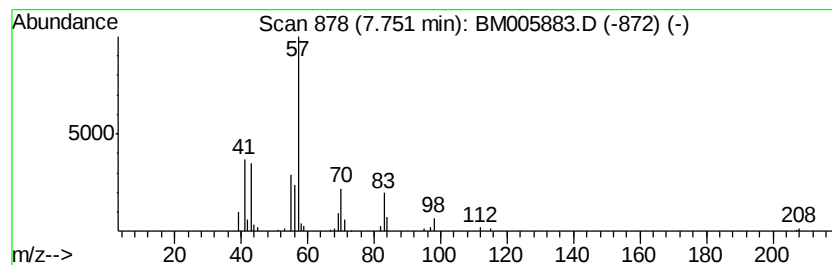
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 1-Hexanol, 2-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	2.99 ng/ul	143517	1,4-Dichlorobenzene-d4	7.68

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	78
3			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
4			2-Ethyl-1-hexanol, methyl ether	144	C9H20O	1000365-10-2	53
5			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	50



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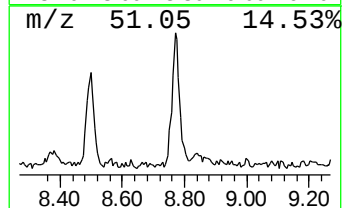
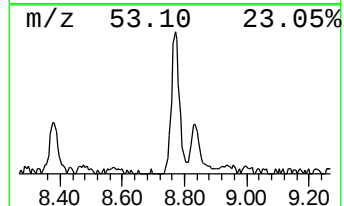
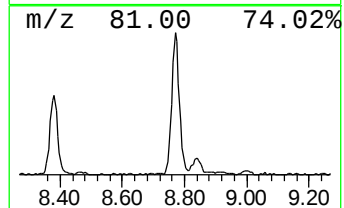
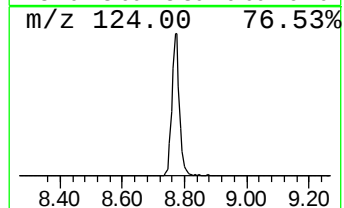
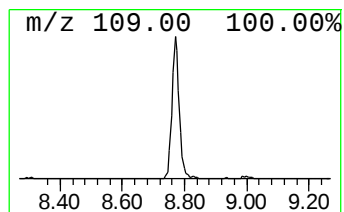
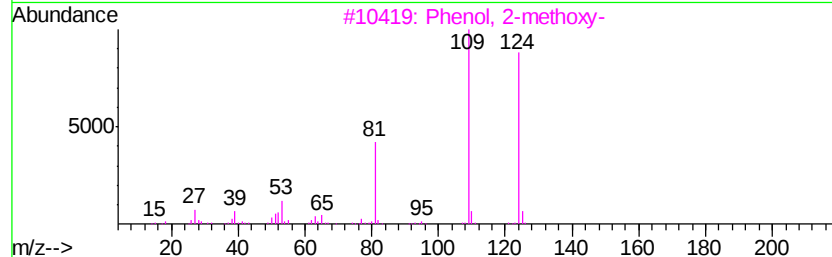
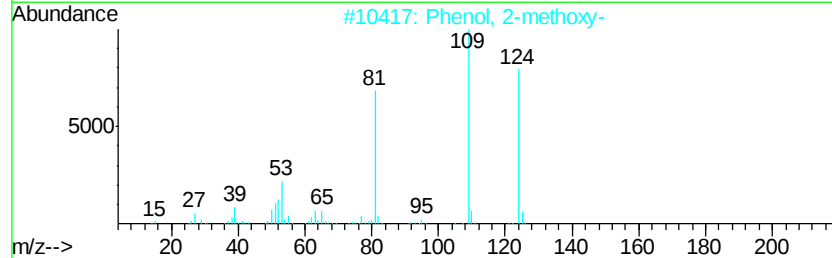
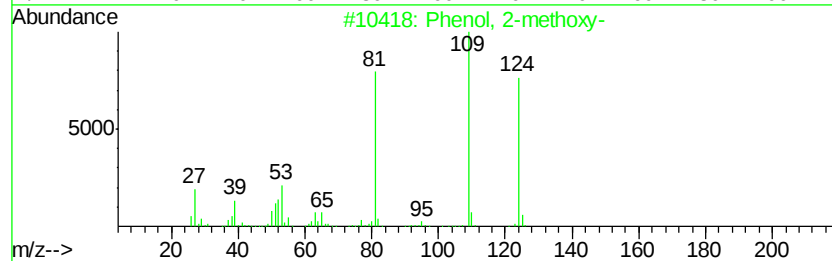
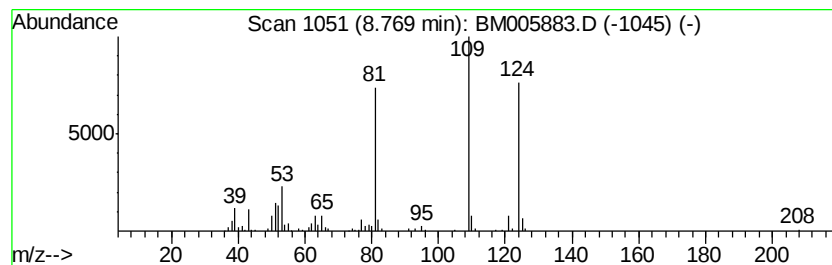
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Peak Number 2 Phenol, 2-methoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.77	7.39 ng/ul	355099	1,4-Dichlorobenzene-d4	7.68

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		Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	95
4		Mequinol	124	C7H8O2	000150-76-5	95
5		Mequinol	124	C7H8O2	000150-76-5	91



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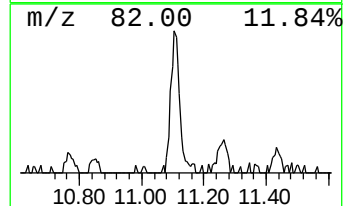
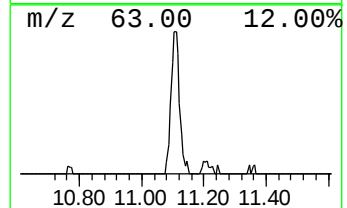
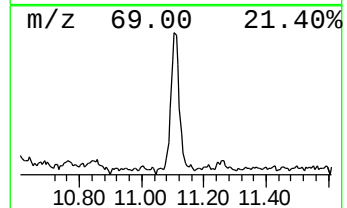
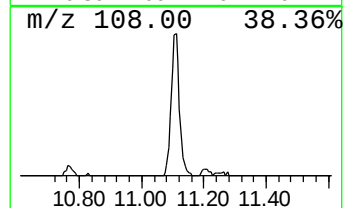
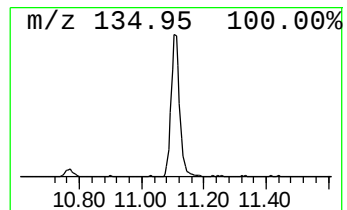
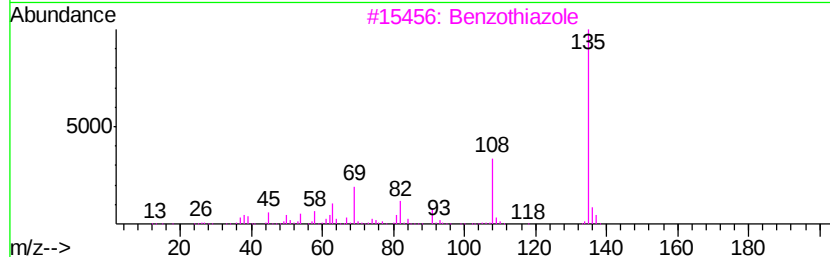
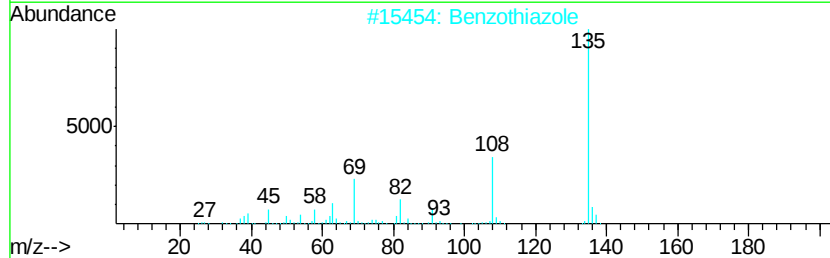
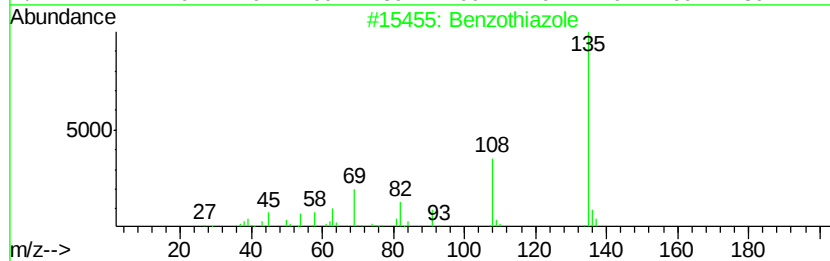
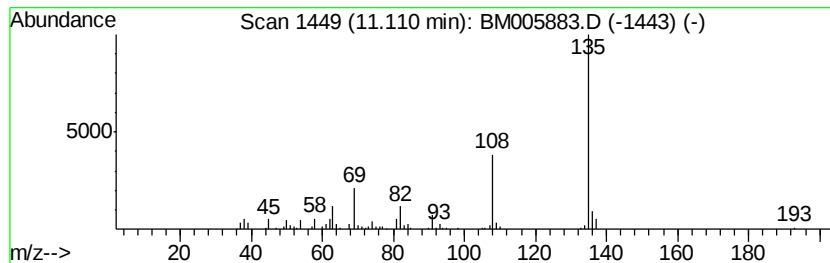
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Benzothiazole Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.11	4.07 ng/ul	336250	Napthalene-d8	10.46	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzothiazole	135	C7H5NS	000095-16-9	97
2	Benzothiazole	135	C7H5NS	000095-16-9	97
3	Benzothiazole	135	C7H5NS	000095-16-9	96
4	Thieno[3,2-c]pyridine	135	C7H5NS	000272-14-0	76
5	1,2-Benzisothiazole	135	C7H5NS	000272-16-2	72



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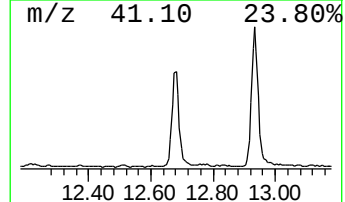
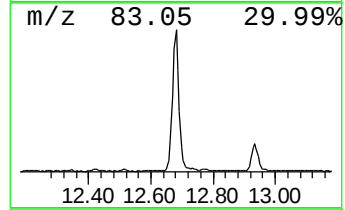
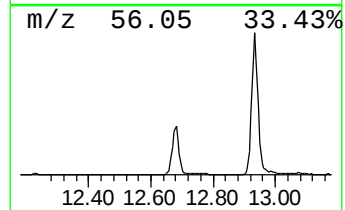
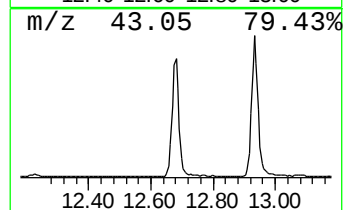
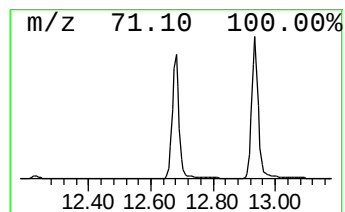
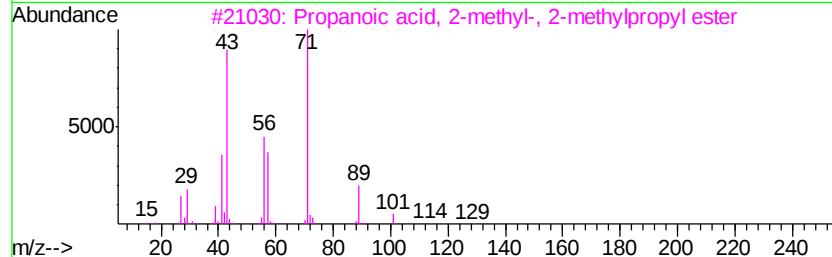
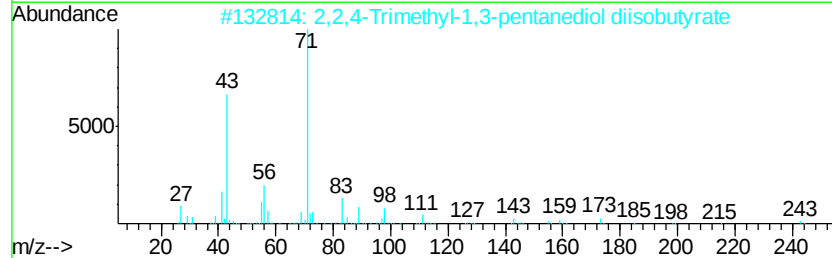
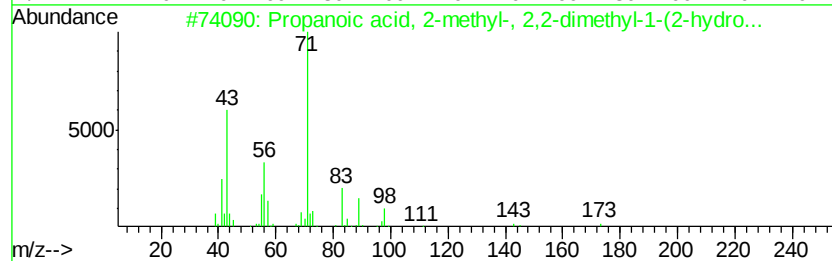
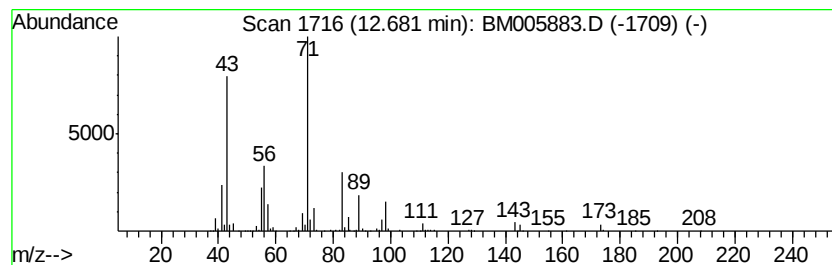
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Peak Number 4 Propanoic acid, 2-methyl-, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	9.53 ng/ul	1203040	Acenaphthene-d10	14.33
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Propanoic acid, 2-methyl-, 2,2-d...	216 C12H24O3	074367-33-2	90
2	2,2,4-Trimethyl-1,3-pentanediol ...	286 C16H30O4	006846-50-0	59
3	Propanoic acid, 2-methyl-, 2-met...	144 C8H16O2	000097-85-8	50
4	Butyric acid, 3-tridecyl ester	270 C17H34O2	1000280-56-8	47
5	3-Hexanone, 2,5-dimethyl-4-nitro-	173 C8H15NO3	059906-54-6	43



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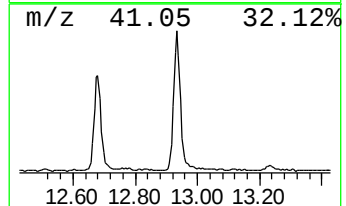
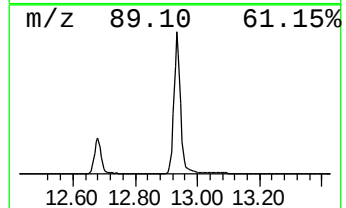
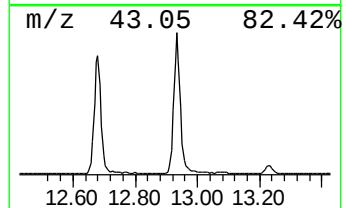
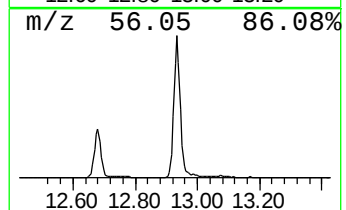
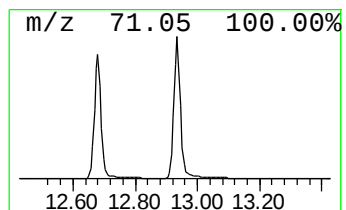
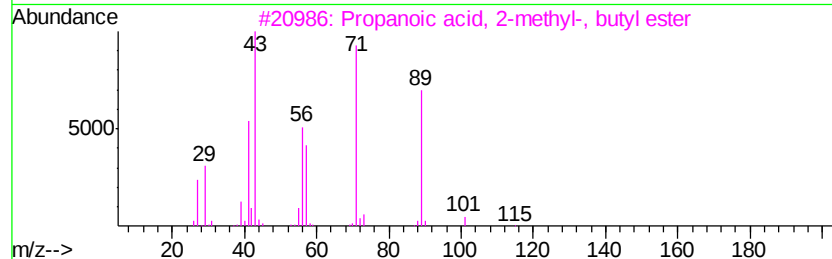
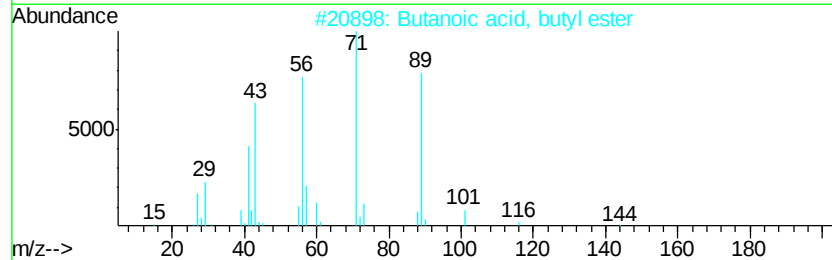
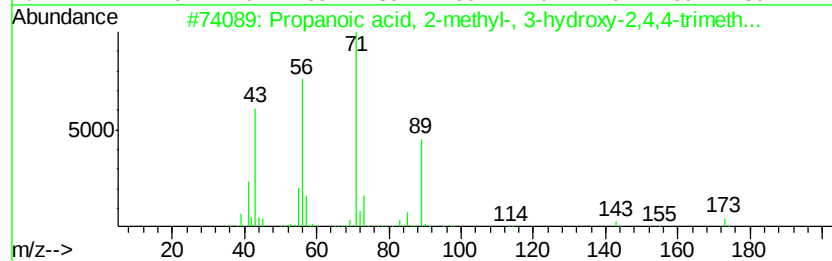
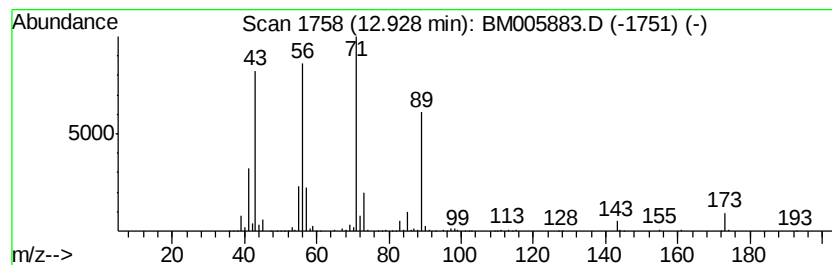
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Propanoic acid, 2-methyl-, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	13.03 ng/ul	1644790	Acenaphthene-d10	14.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 3-hyd...	216	C12H24O3		074367-34-3	78
2	Butanoic acid, butyl ester	144	C8H16O2		000109-21-7	56
3	Propanoic acid, 2-methyl-, butyl...	144	C8H16O2		000097-87-0	53
4	trans-2,3-Epoxydecane	156	C10H20O		054125-39-2	53
5	Butanoic acid, hexyl ester	172	C10H20O2		002639-63-6	42



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062116\
Data File : BM005883.D
Acq On : 21 Jun 2016 07:50
Operator : UM/SJ
Sample : H3461-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AY1

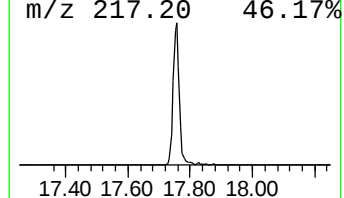
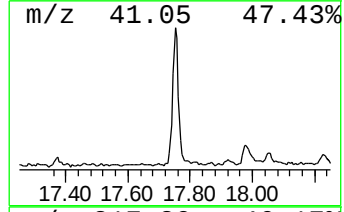
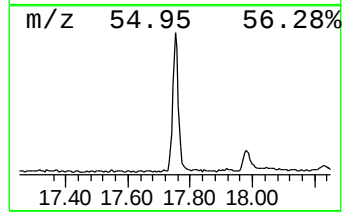
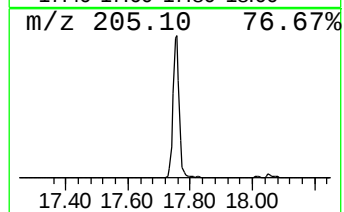
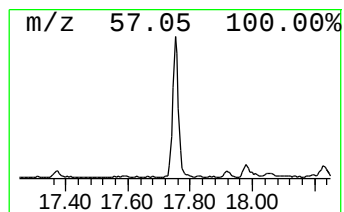
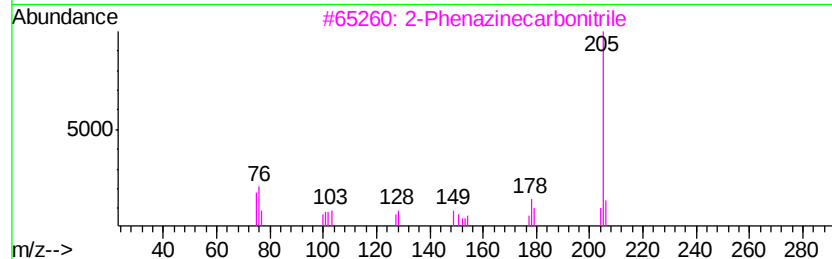
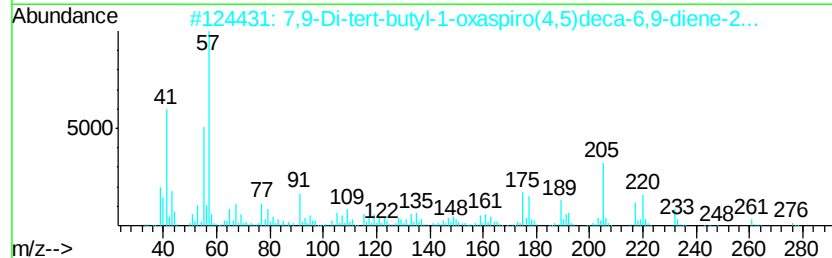
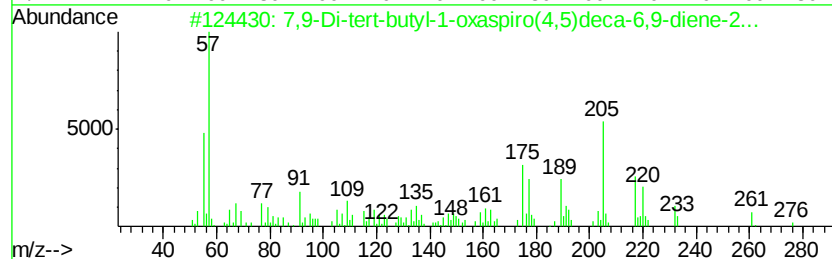
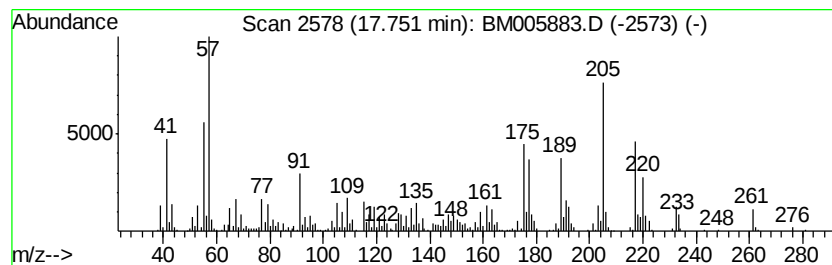
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.75	6.64 ng/ul	1140700	Phenanthrene-d10	17.07

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	97
3			2-Phenazinecarbonitrile	205	C13H7N3	006479-93-2	51
4			Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	50
5			1,3-Pentadiene, 1,1-diphenyl-, (Z)-	220	C17H16	015295-31-5	41



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062116\
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Acq On : 21 Jun 2016 07:50
Operator : UM/SJ
Sample : H3461-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AY1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1-Hexanol, 2-ethyl-	7.75	3.0	ng/ul	143517	1	7.68	961052	20.0
Phenol, 2-methoxy-	8.77	7.4	ng/ul	355099	1	7.68	961052	20.0
Benzothiazole	11.11	4.1	ng/ul	336250	2	10.46	1652220	20.0
Propanoic acid, 2...	12.68	9.5	ng/ul	1203040	3	14.33	2524740	20.0
Propanoic acid, 2...	12.93	13.0	ng/ul	1644790	3	14.33	2524740	20.0
7,9-Di-tert-butyl...	17.75	6.6	ng/ul	1140700	4	17.07	3434590	20.0