

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062116\
 Data File : BM005889.D
 Acq On : 21 Jun 2016 11:38
 Operator : UM/SJ
 Sample : H3461-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AZ0

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	717	724	732	rVB	193660	330694	4.06%	0.451%
2	7.016	747	753	765	rBV	722760	1168678	14.36%	1.594%
3	7.210	778	786	797	rBV	743579	1196202	14.70%	1.632%
4	7.675	858	865	872	rBV	676104	1143913	14.06%	1.561%
5	7.745	872	877	881	rVB	57829	91777	1.13%	0.125%
6	8.375	977	984	995	rBV	614561	1049963	12.90%	1.432%
7	8.769	1043	1051	1055	rBV	197305	335790	4.13%	0.458%
8	8.828	1055	1061	1073	rVV	943963	1634394	20.08%	2.230%
9	8.945	1073	1081	1086	rVB2	54363	100312	1.23%	0.137%
10	9.545	1175	1183	1197	rBV	701716	1212724	14.90%	1.655%
11	10.081	1266	1274	1284	rBV	1112409	1984659	24.39%	2.708%
12	10.369	1318	1323	1331	rVB4	60014	111631	1.37%	0.152%
13	10.457	1331	1338	1345	rBV	1123531	1976671	24.29%	2.697%
14	10.522	1345	1349	1355	rVV2	120714	196143	2.41%	0.268%
15	10.598	1357	1362	1367	rVB	68381	118242	1.45%	0.161%
16	11.104	1441	1448	1458	rVB	167436	309047	3.80%	0.422%
17	11.745	1551	1557	1565	rBV2	151765	293258	3.60%	0.400%
18	12.675	1708	1715	1723	rBV	536090	818952	10.06%	1.117%
19	12.933	1752	1759	1772	rBV	814362	1290056	15.85%	1.760%
20	13.227	1803	1809	1817	rBV2	58612	103299	1.27%	0.141%
21	13.739	1889	1896	1907	rBV	2641564	4037417	49.61%	5.508%
22	14.016	1934	1943	1954	rBV	2984994	4454999	54.75%	6.078%
23	14.322	1989	1995	2004	rBV2	1865565	3010258	36.99%	4.107%
24	14.516	2022	2028	2036	rBV	236149	380578	4.68%	0.519%
25	15.004	2105	2111	2119	rBV	51803	98083	1.21%	0.134%
26	15.157	2130	2137	2147	rBV2	149801	243670	2.99%	0.332%
27	15.321	2158	2165	2174	rBV	3839438	5815181	71.46%	7.934%
28	15.433	2178	2184	2200	rBV	931549	1412381	17.36%	1.927%
29	15.563	2201	2206	2210	rVV	62959	95065	1.17%	0.130%
30	17.068	2455	2462	2471	rVB2	2623472	4017034	49.36%	5.480%
31	17.168	2473	2479	2491	rVV2	4605686	6856479	84.26%	9.354%
32	17.751	2572	2578	2589	rBV	634887	834629	10.26%	1.139%
33	19.098	2803	2807	2813	rVB	64647	95636	1.18%	0.130%
34	19.421	2857	2862	2864	rBV	120976	140923	1.73%	0.192%

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35	19.468	2864	2870	2878	rVB2	5810242	8137727	100.00%	11.102%
36	20.468	3037	3040	3046	rBV2	89936	109955	1.35%	0.150%
37	21.262	3170	3175	3181	rBV	3844971	5200559	63.91%	7.095%
38	23.350	3522	3530	3536	rBV2	4129914	7957035	97.78%	10.856%
39	23.492	3547	3554	3563	rVB	2559468	4933952	60.63%	6.731%

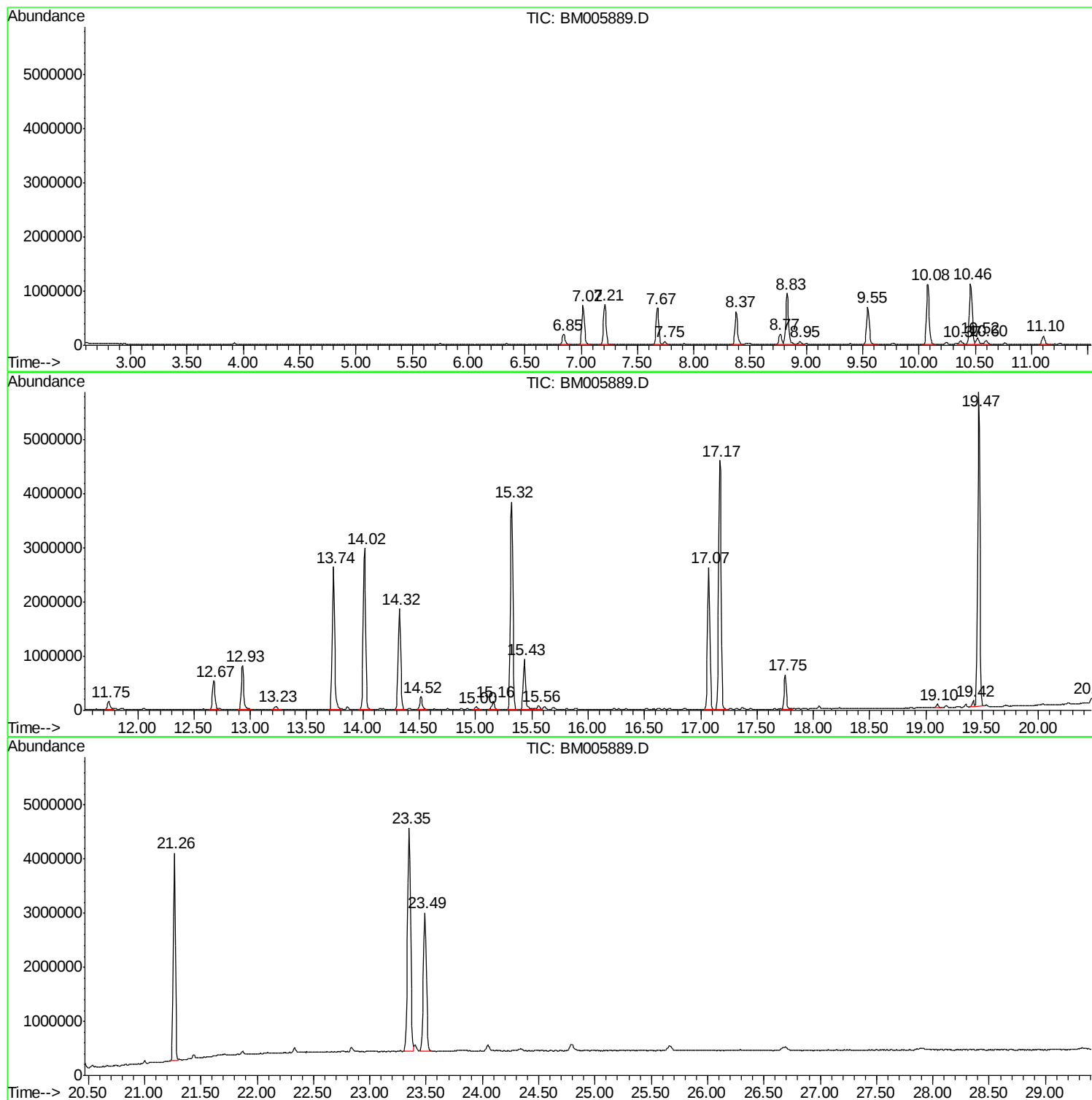
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062116.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: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



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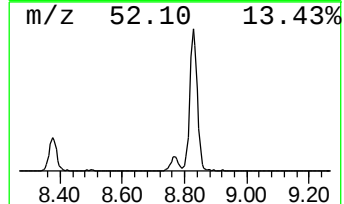
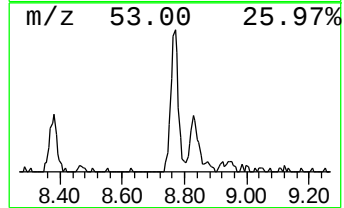
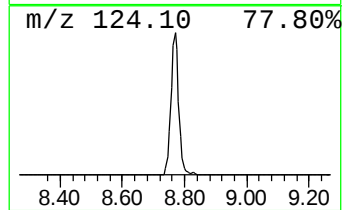
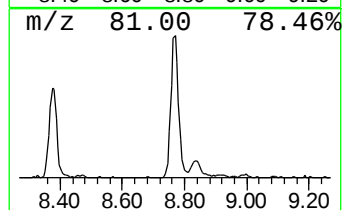
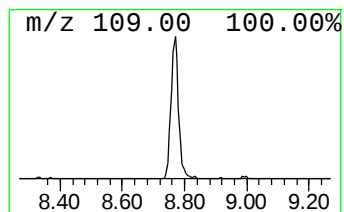
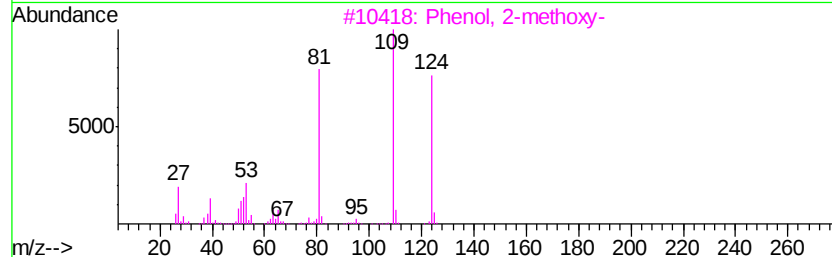
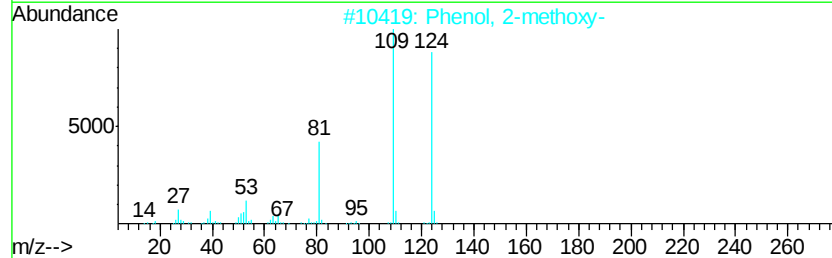
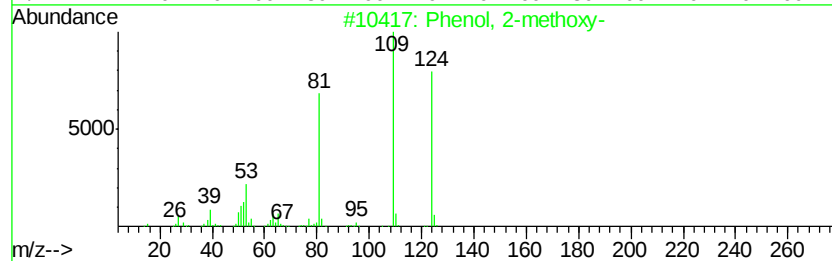
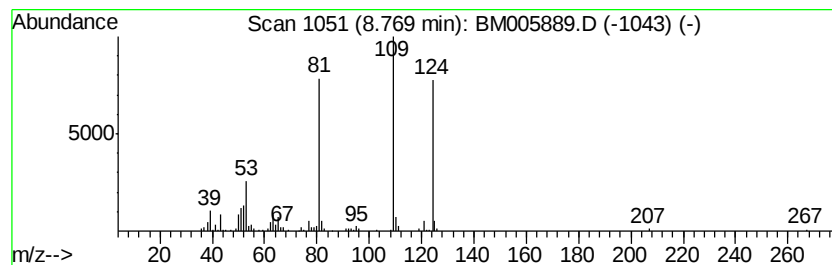
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 1 Phenol, 2-methoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.77	5.87 ng/ul	335790	1,4-Dichlorobenzene-d4	7.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	96
2		Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	95
3		Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	94
4		Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	90
5		Mequinol	124	C7H8O2	000150-76-5	90



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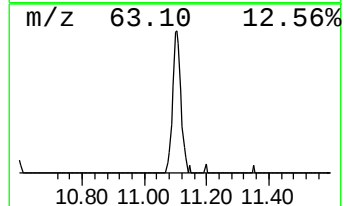
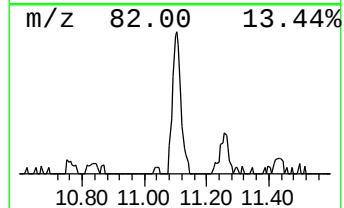
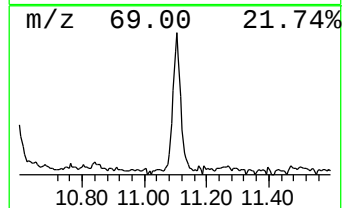
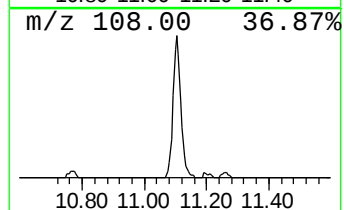
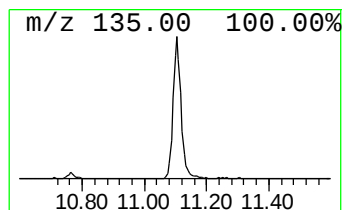
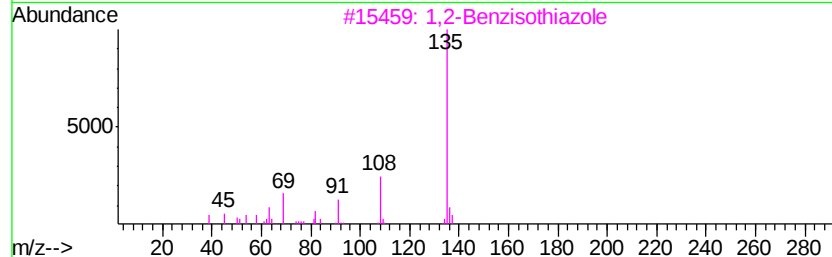
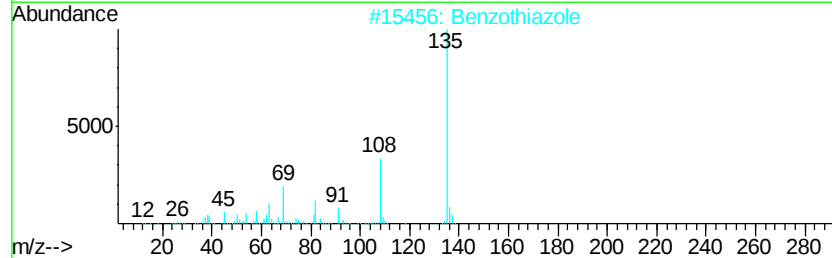
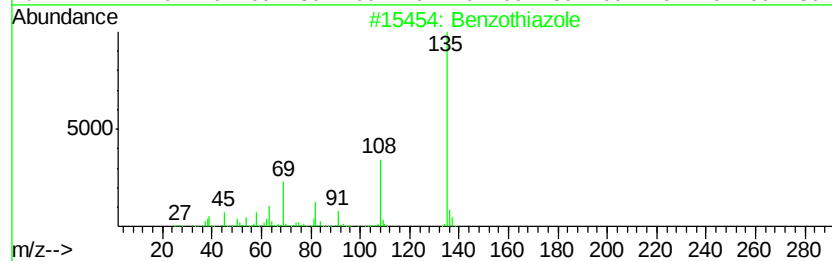
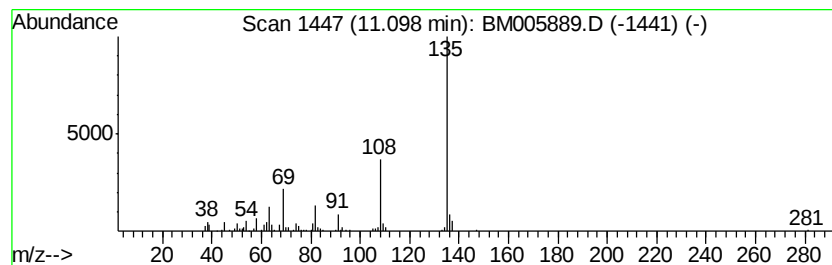
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Peak Number 2 Benzothiazole Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	3.13 ng/ul	309047	Naphthalene-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	91
3		1,2-Benzisothiazole	135	C7H5NS	000272-16-2	90
4		Benzothiazole	135	C7H5NS	000095-16-9	83
5		Thieno[2,3-c]pyridine	135	C7H5NS	000272-12-8	64



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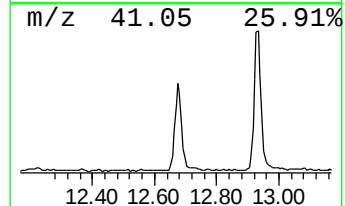
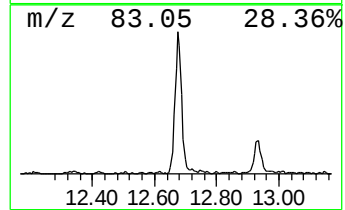
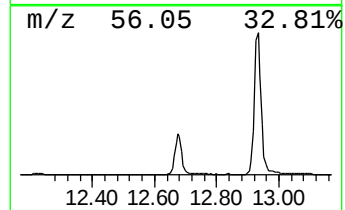
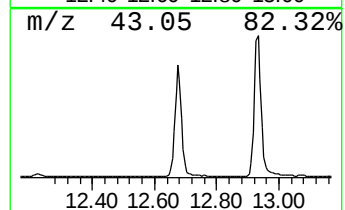
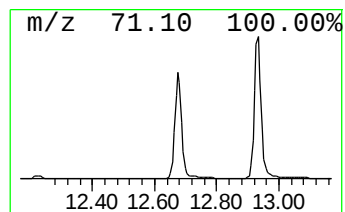
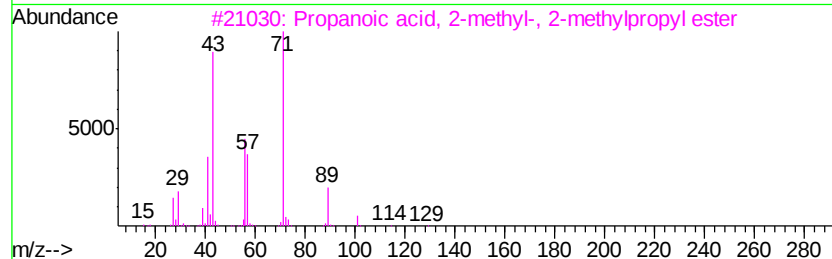
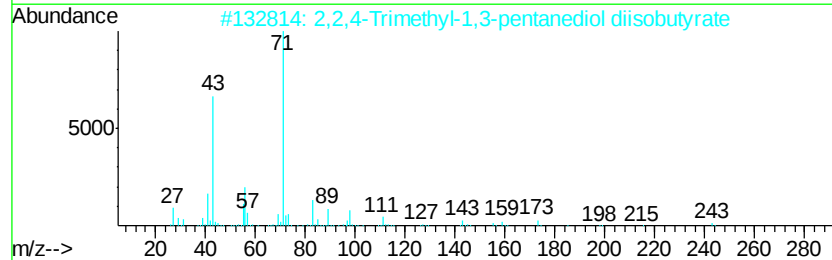
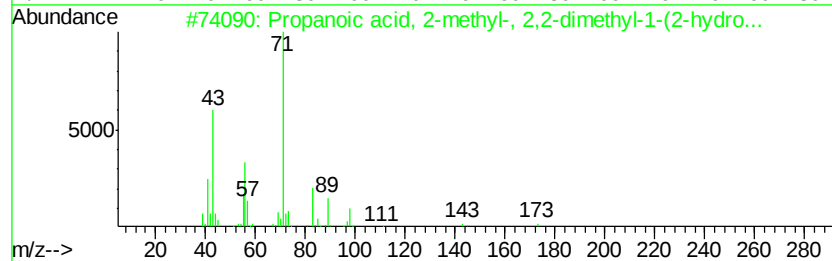
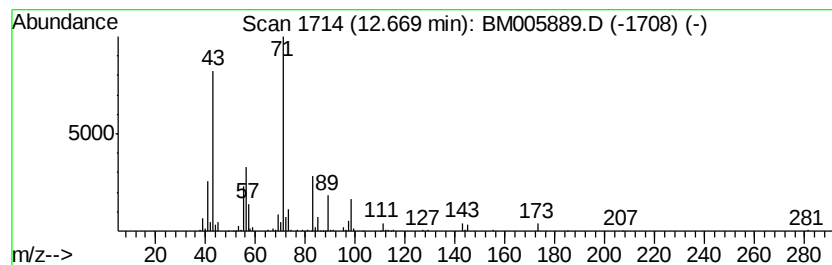
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Peak Number 3 Propanoic acid, 2-methyl-, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	5.44 ng/ul	818952	Acenaphthene-d10	14.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanoic acid, 2-methyl-, 2,2-d...	216	C12H24O3	074367-33-2	80
2		2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	64
3		Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	50
4		Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	47
5		Butyric acid, 3-tridecyl ester	270	C17H34O2	1000280-56-8	43



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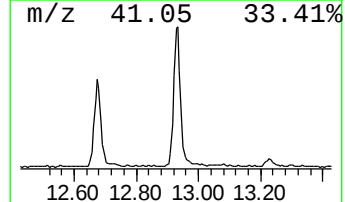
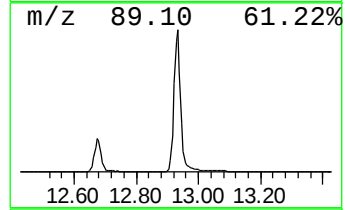
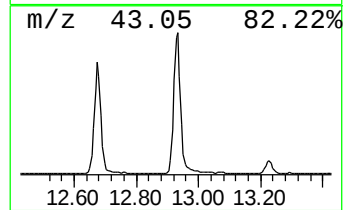
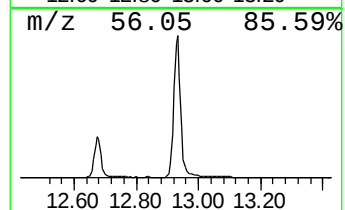
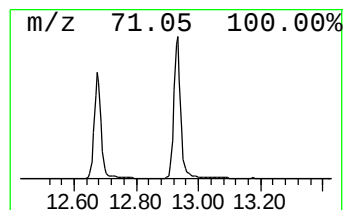
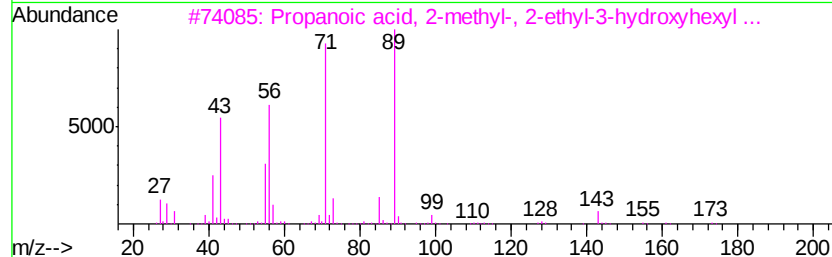
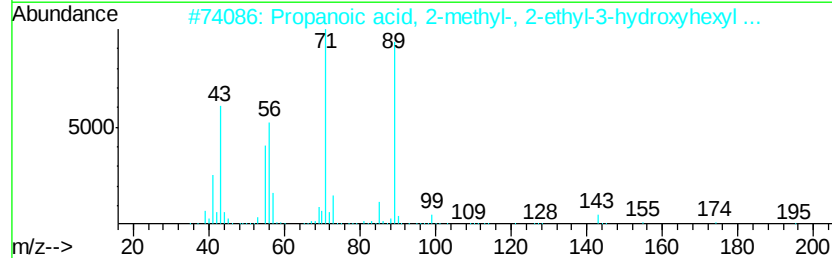
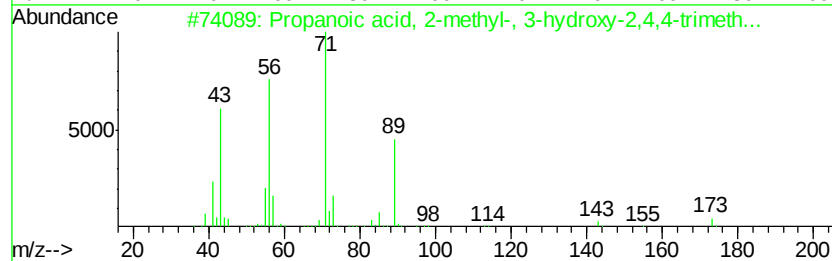
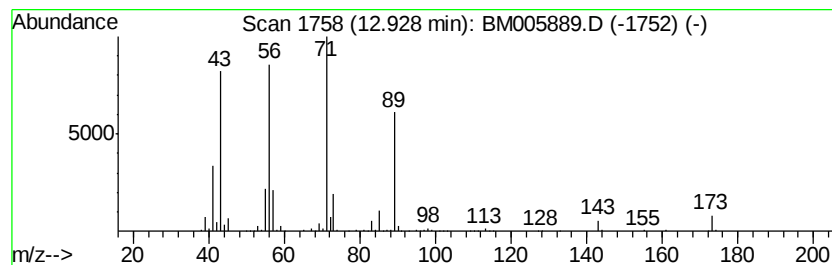
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Peak Number 4 Propanoic acid, 2-methyl-, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	8.57 ng/ul	1290060	Acenaphthene-d10	14.32
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Propanoic acid, 2-methyl-, 3-hyd...	216 C12H24O3	074367-34-3	91
2	Propanoic acid, 2-methyl-, 2-eth...	216 C12H24O3	074367-31-0	72
3	Propanoic acid, 2-methyl-, 2-eth...	216 C12H24O3	074367-31-0	64
4	Propanoic acid, 2-methyl-, butyl...	144 C8H16O2	000097-87-0	53
5	Propanoic acid, 2-methyl-, butyl...	144 C8H16O2	000097-87-0	53



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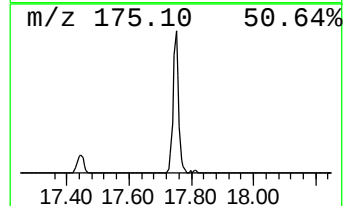
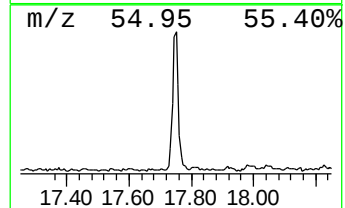
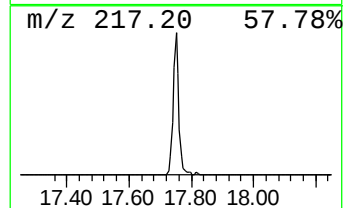
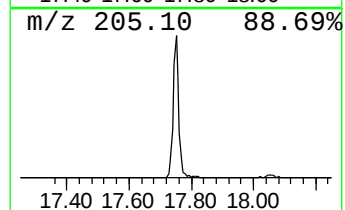
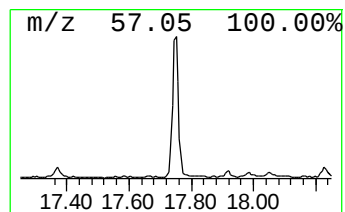
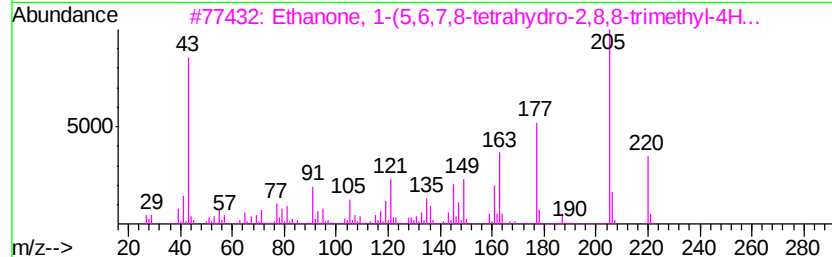
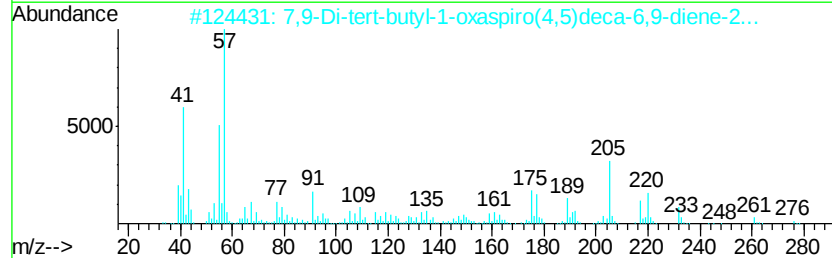
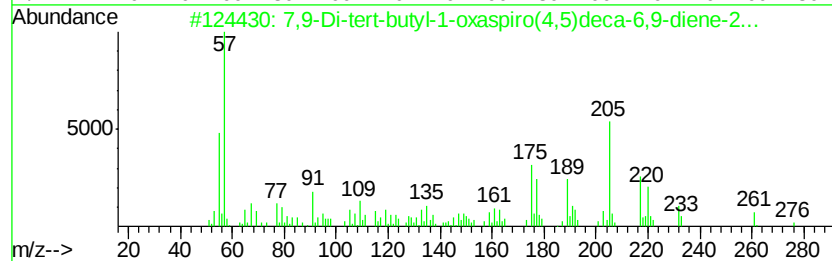
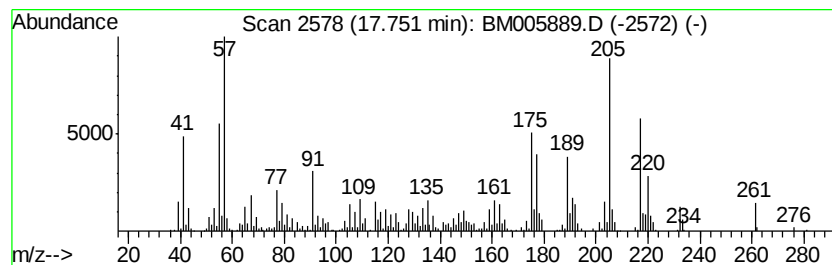
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Peak Number 5 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.75	4.16 ng/ul	834629	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	92	
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	55	
3	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	50	
4	Benzenamine, N,N-diethyl-4-(2-ni...	220	C12H16N2O2	064462-51-7	38	
5	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	38	



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062116\
Data File : BM005889.D
Acq On : 21 Jun 2016 11:38
Operator : UM/SJ
Sample : H3461-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AZ0

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
Phenol, 2-methoxy-	8.77	5.9	ng/ul	335790	1	7.68	1143910	20.0
Benzothiazole	11.10	3.1	ng/ul	309047	2	10.46	1976670	20.0
Propanoic acid, 2...	12.67	5.4	ng/ul	818952	3	14.32	3010260	20.0
Propanoic acid, 2...	12.93	8.6	ng/ul	1290060	3	14.32	3010260	20.0
7,9-Di-tert-butyl...	17.75	4.2	ng/ul	834629	4	17.07	4017030	20.0