

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061515\
 Data File : BM001702.D
 Acq On : 15 Jun 2015 16:44
 Operator : TP/IZ
 Sample : G2610-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X1W48

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-BM061515.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	2.811	16	21	29	rBV	40332	54327	1.51%	0.138%
2	2.881	29	33	43	rBV	488720	584647	16.24%	1.486%
3	3.140	74	77	83	rVB2	5035	6654	0.18%	0.017%
4	6.657	672	675	678	rBV	4199	4690	0.13%	0.012%
5	6.834	699	705	711	rBV	95952	144363	4.01%	0.367%
6	7.004	727	734	741	rBV	203487	299867	8.33%	0.762%
7	7.098	744	750	758	rBV	221301	317813	8.83%	0.808%
8	7.198	760	767	774	rVB	263526	401870	11.17%	1.021%
9	7.669	837	847	849	rBV	234423	365576	10.16%	0.929%
10	7.704	849	853	861	rVV	390741	610021	16.95%	1.550%
11	7.787	863	867	870	rVB3	2545	3892	0.11%	0.010%
12	7.887	880	884	890	rVB	11090	15447	0.43%	0.039%
13	8.198	930	937	940	rBV	6984	9028	0.25%	0.023%
14	8.334	955	960	961	rBV2	5881	8529	0.24%	0.022%
15	8.369	961	966	974	rVB	250922	383743	10.66%	0.975%
16	8.540	990	995	997	rBV2	3484	4466	0.12%	0.011%
17	8.828	1037	1044	1047	rBV	250475	393723	10.94%	1.001%
18	8.869	1047	1051	1058	rVB	245145	388654	10.80%	0.988%
19	9.228	1108	1112	1115	rVB	3079	3795	0.11%	0.010%
20	9.545	1160	1166	1172	rBV	215810	339021	9.42%	0.862%
21	9.634	1175	1181	1193	rVB	443067	716416	19.91%	1.821%
22	10.081	1250	1257	1258	rBV	363064	566117	15.73%	1.439%
23	10.104	1258	1261	1270	rVB	422531	633256	17.59%	1.609%
24	10.345	1292	1302	1309	rBV2	364788	977824	27.17%	2.485%
25	10.457	1314	1321	1325	rBV	300008	476426	13.24%	1.211%
26	10.510	1325	1330	1338	rVB	517101	851255	23.65%	2.163%
27	10.598	1338	1345	1350	rBV	16683	23448	0.65%	0.060%
28	12.239	1619	1624	1634	rBV	30977	52293	1.45%	0.133%
29	12.810	1714	1721	1732	rBV	481859	729543	20.27%	1.854%
30	13.151	1773	1779	1783	rBV	1632377	2510316	69.75%	6.380%
31	13.192	1783	1786	1793	rVB	739282	1022919	28.42%	2.600%
32	13.627	1855	1860	1864	rBV	11972	14763	0.41%	0.038%
33	13.733	1872	1878	1884	rBV	613908	816906	22.70%	2.076%
34	13.904	1901	1907	1913	rVB	336846	438544	12.18%	1.115%

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Integration Parameters: LSCINT.P

Integrator: RTE
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35	14.016	1919	1926	1928	rBV	690497	1047068	29.09%	2.661%
36	14.045	1928	1931	1937	rVB	756251	1051942	29.23%	2.673%
37	14.322	1972	1978	1985	rBV2	403415	609773	16.94%	1.550%
38	14.386	1985	1989	1993	rVB	19473	24574	0.68%	0.062%
39	14.516	2007	2011	2019	rBV	112509	150552	4.18%	0.383%
40	14.674	2032	2038	2050	rBV	101176	167396	4.65%	0.425%
41	15.151	2113	2119	2125	rBV	1109202	1369341	38.05%	3.480%
42	15.316	2141	2147	2154	rBV	909219	1233973	34.29%	3.136%
43	15.439	2162	2168	2175	rVB	307844	422976	11.75%	1.075%
44	16.415	2329	2334	2342	rBV	519212	636088	17.67%	1.617%
45	16.886	2410	2414	2419	rVB2	6481	8374	0.23%	0.021%
46	17.068	2439	2445	2448	rBV	545889	770836	21.42%	1.959%
47	17.110	2448	2452	2457	rVV	1459193	1963935	54.57%	4.991%
48	17.168	2457	2462	2472	rVB	1058575	1455696	40.45%	3.700%
49	17.474	2508	2514	2521	rVB	1119095	1517144	42.15%	3.856%
50	17.645	2539	2543	2546	rBV3	5045	5548	0.15%	0.014%
51	17.962	2593	2597	2601	rBV3	3917	4147	0.12%	0.011%
52	18.080	2612	2617	2622	rBV	1038610	1206164	33.51%	3.065%
53	18.286	2650	2652	2656	rVB2	3342	3900	0.11%	0.010%
54	19.127	2789	2795	2802	rBV	1620681	2135806	59.34%	5.428%
55	19.351	2828	2833	2837	rBV	6749	9063	0.25%	0.023%
56	19.462	2846	2852	2859	rBV	1290122	1755713	48.78%	4.462%
57	20.227	2978	2982	2986	rBV4	4864	6598	0.18%	0.017%
58	20.445	3015	3019	3021	rBV2	18214	21831	0.61%	0.055%
59	20.903	3094	3097	3101	rVB	8788	9824	0.27%	0.025%
60	21.056	3120	3123	3125	rVB2	7061	6870	0.19%	0.017%
61	21.256	3152	3157	3160	rBV	796075	1013113	28.15%	2.575%
62	21.298	3160	3164	3169	rVB	3057578	3599146	100.00%	9.147%
63	21.521	3199	3202	3206	rVB	11472	13891	0.39%	0.035%
64	23.344	3504	3512	3525	rVB2	1072080	1939248	53.88%	4.929%
65	23.486	3528	3536	3543	rBV	547146	1016604	28.25%	2.584%

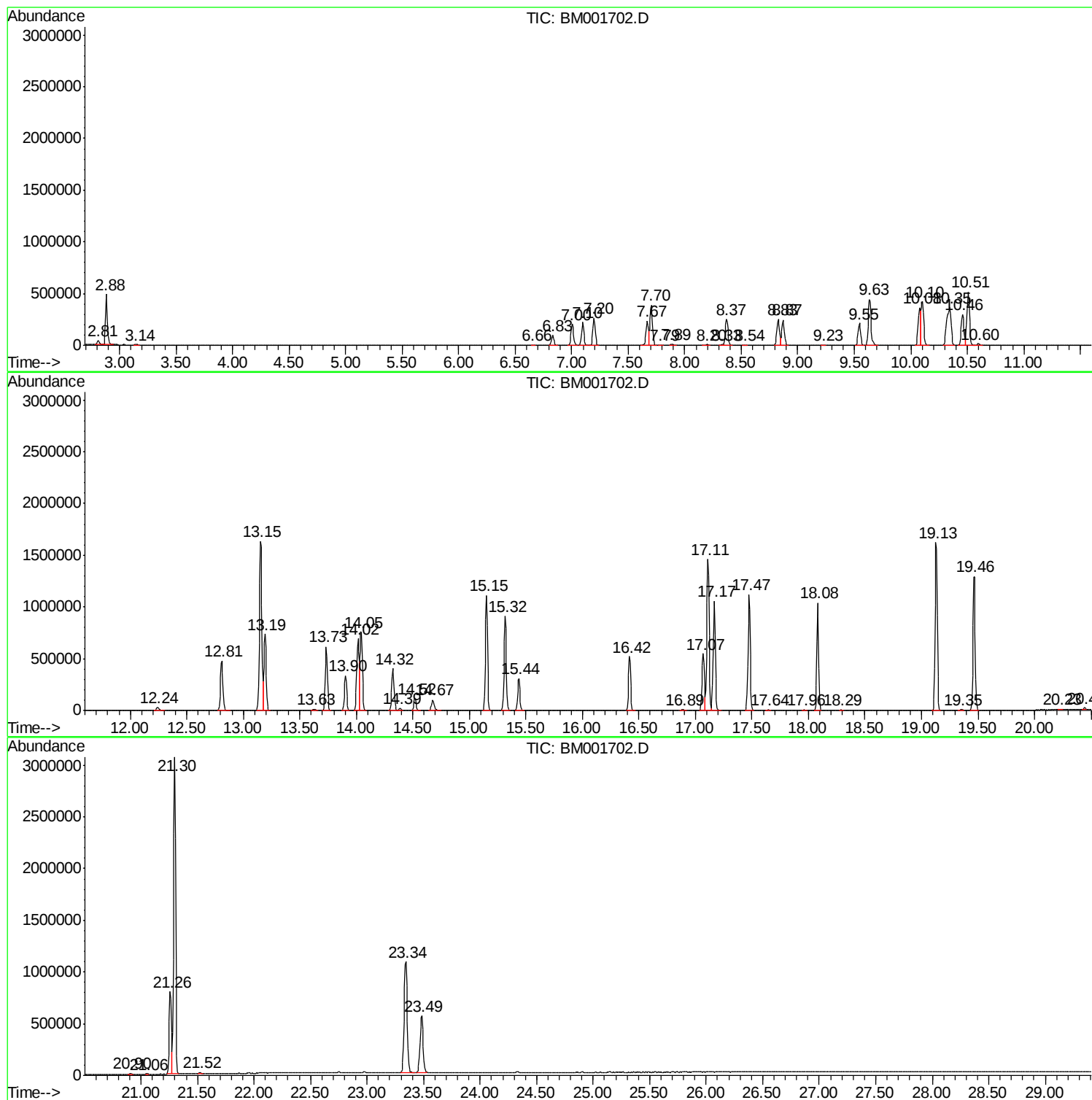
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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



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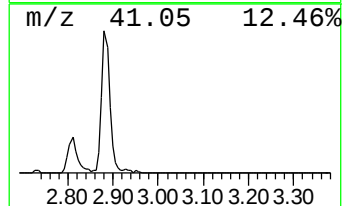
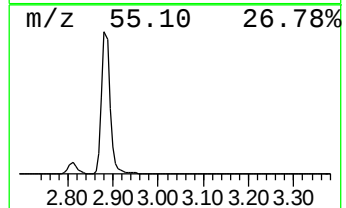
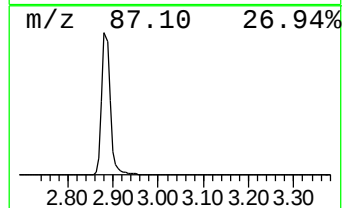
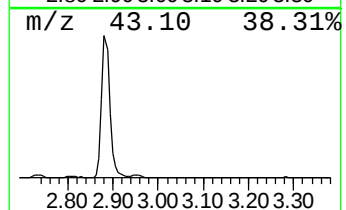
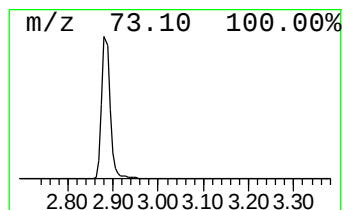
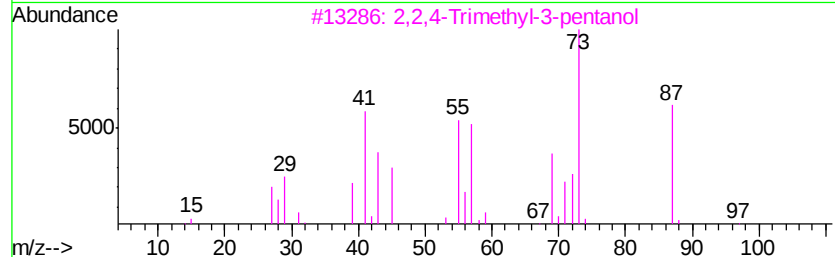
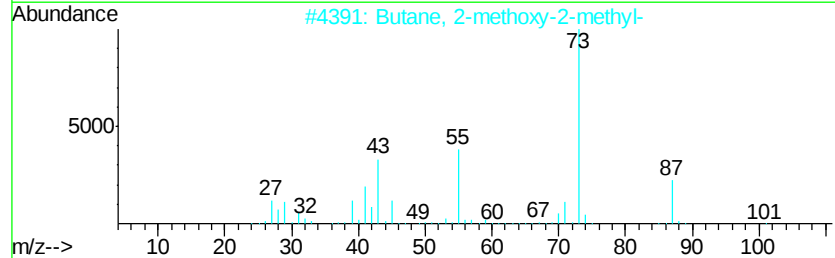
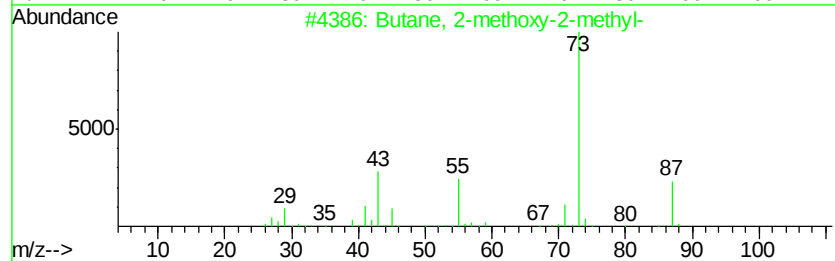
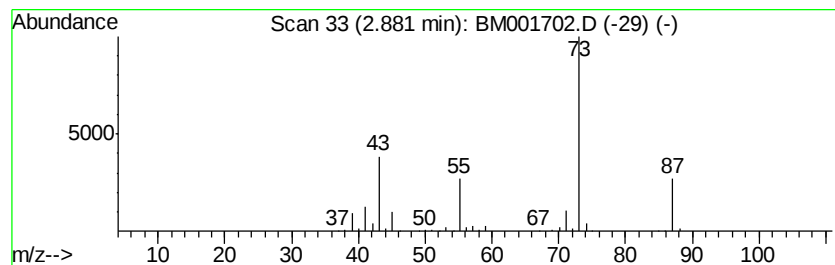
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.88	31.99 ng/ul	584647	1,4-Dichlorobenzene-d4	7.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5		Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9



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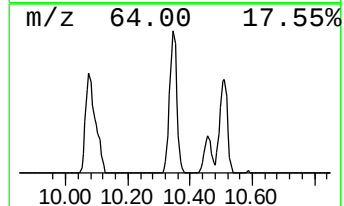
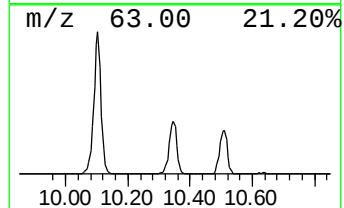
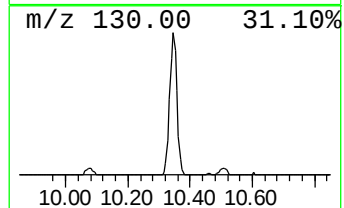
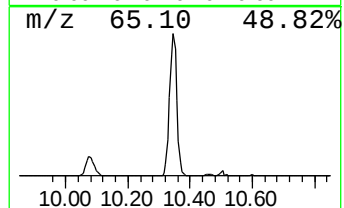
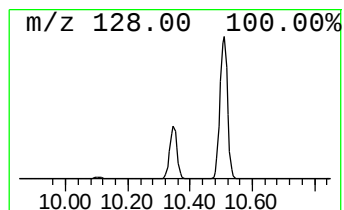
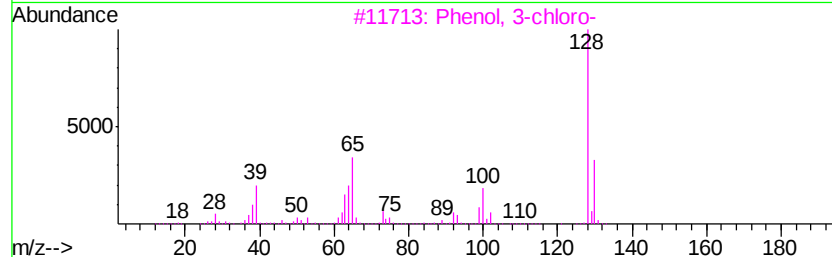
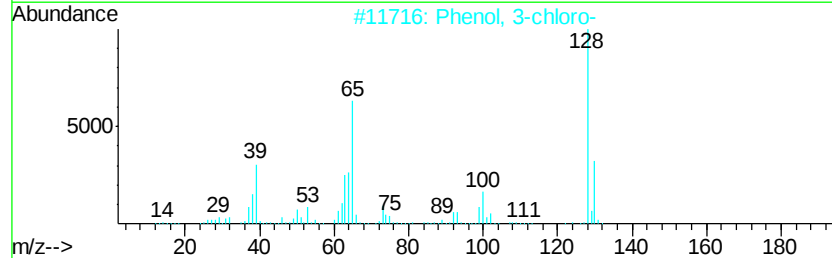
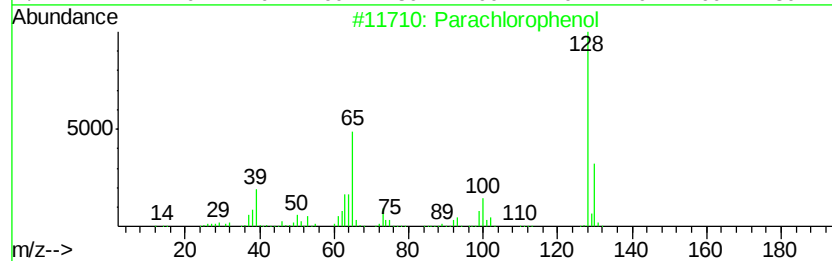
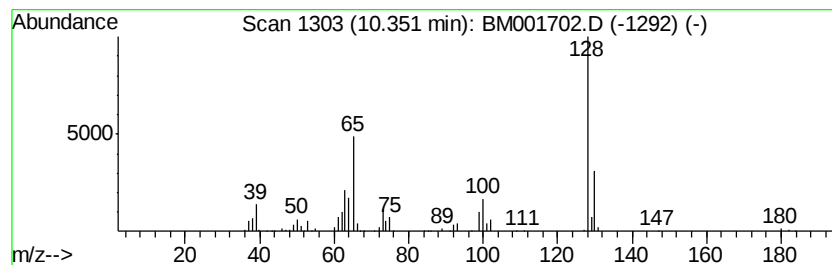
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Parachlorophenol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	41.05 ng/ul	977824	Naphthalene-d8	10.46
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Parachlorophenol	128 C6H5ClO	000106-48-9	95
2	Phenol, 3-chloro-	128 C6H5ClO	000108-43-0	94
3	Phenol, 3-chloro-	128 C6H5ClO	000108-43-0	91
4	p-Chlorophenyl butylcarbamate	227 C11H14ClN02	132905-93-2	90
5	Phenol, 3-chloro-	128 C6H5ClO	000108-43-0	81



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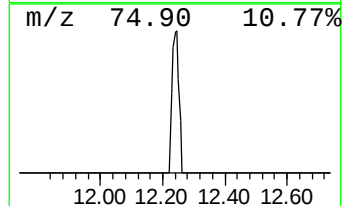
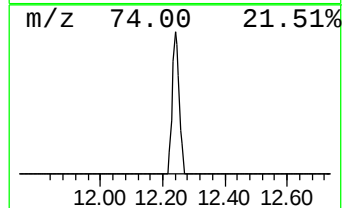
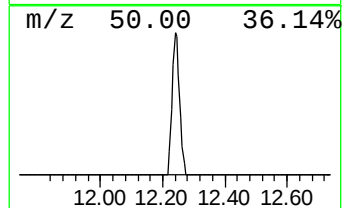
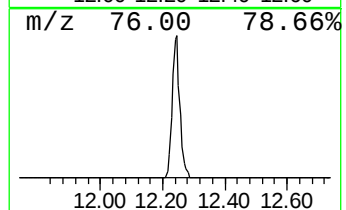
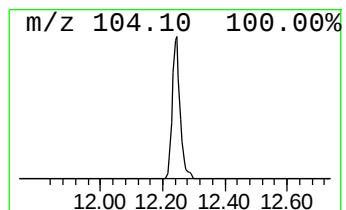
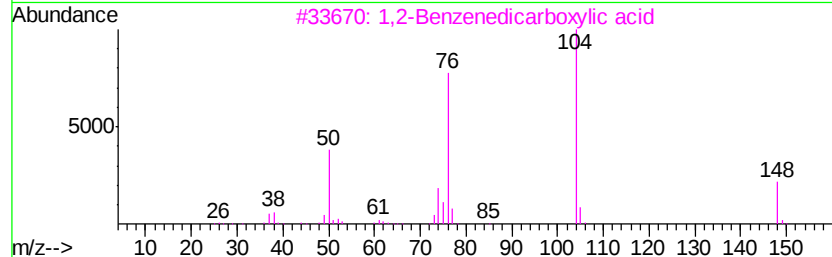
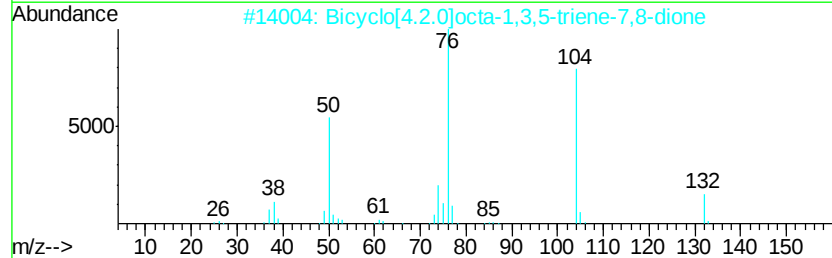
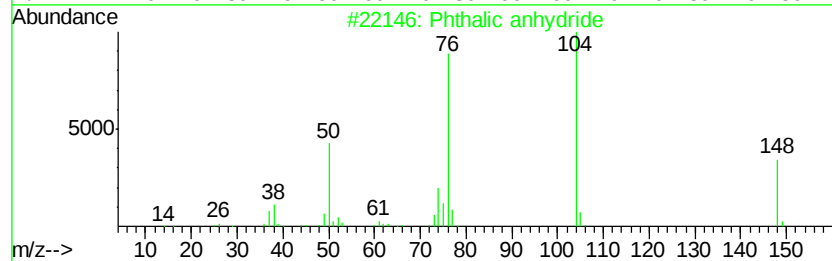
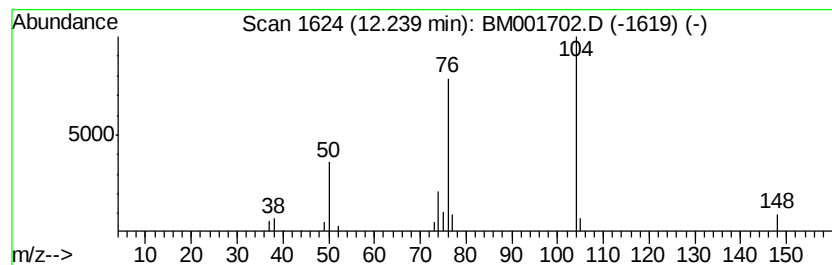
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Phthalic anhydride Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	2.20 ng/ul	52293	Naphthalene-d8	10.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic anhydride	148	C8H4O3	000085-44-9	91
2		Bicyclo[4.2.0]octa-1,3,5-triene-...	132	C8H4O2	006383-11-5	83
3		1,2-Benzenedicarboxylic acid	166	C8H6O4	000088-99-3	83
4		Bicyclo[4.2.0]octa-1,3,5-triene-...	132	C8H4O2	006383-11-5	78
5		1H-Isoindole-1,3(2H)-dione, 2-(h...	177	C9H7NO3	000118-29-6	78



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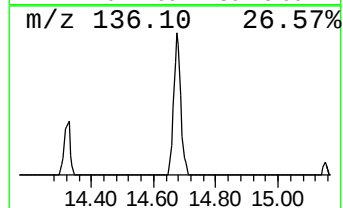
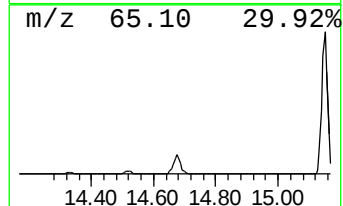
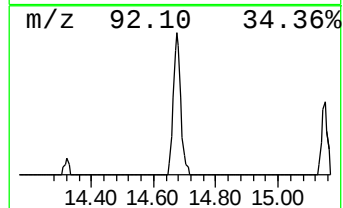
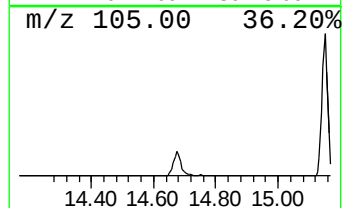
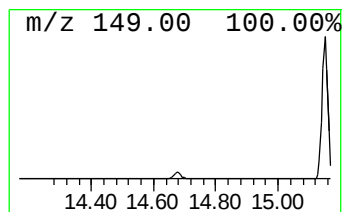
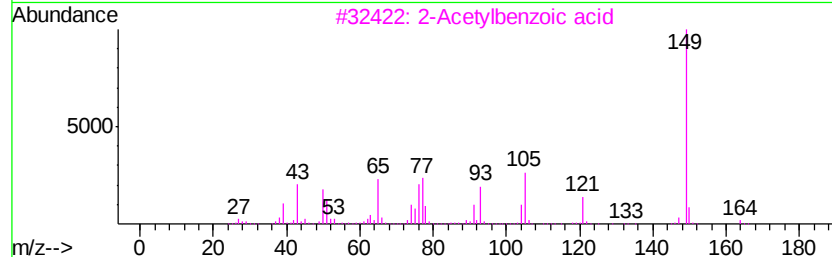
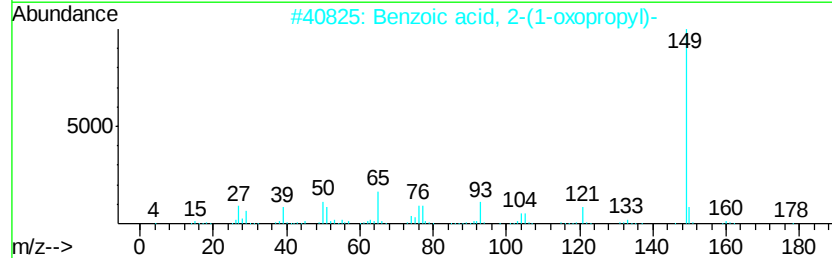
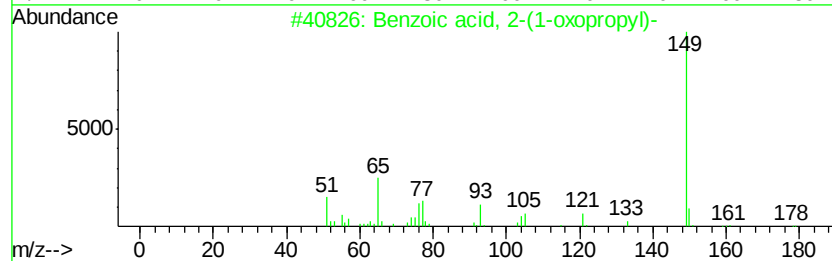
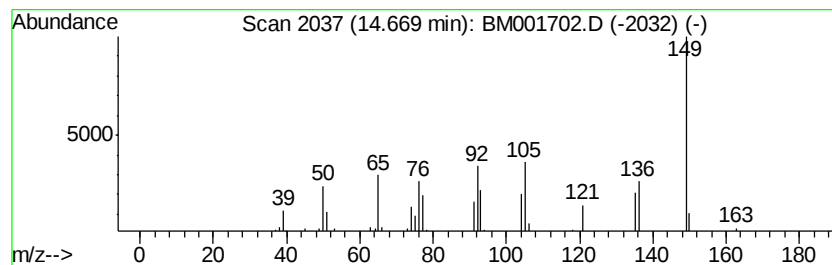
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	5.49 ng/ul	167396	Acenaphthene-d10	14.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, 2-(1-oxopropyl)-	178	C10H10O3	002360-45-4	49
2		Benzoic acid, 2-(1-oxopropyl)-	178	C10H10O3	002360-45-4	40
3		2-Acetylbenzoic acid	164	C9H8O3	000577-56-0	38
4		2-Acetylbenzoic acid	164	C9H8O3	000577-56-0	37
5		2-Bromomethyl-2-phenyl[1,3]dioxo...	242	C10H11BrO2	003418-21-1	32



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ALS Vial : 9 Sample Multiplier: 1

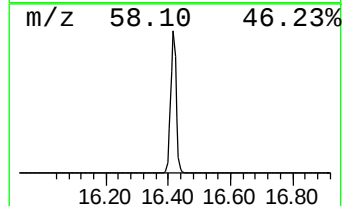
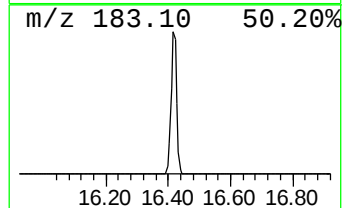
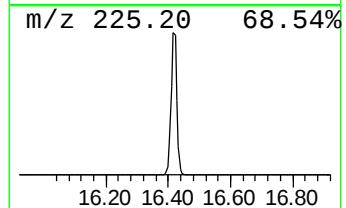
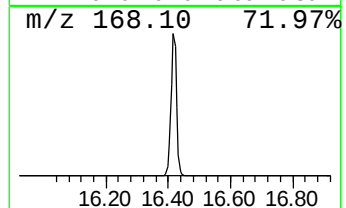
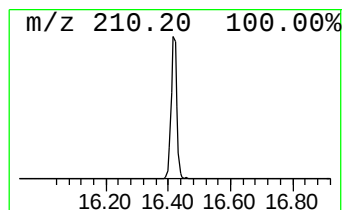
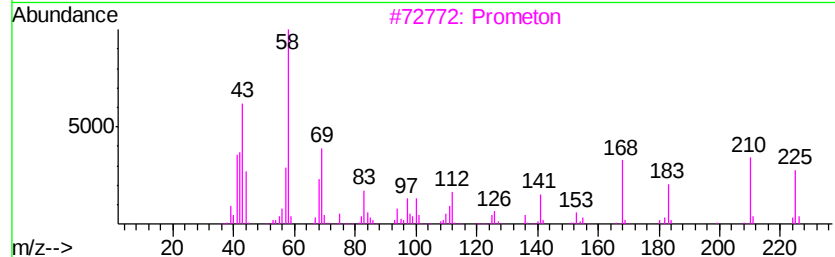
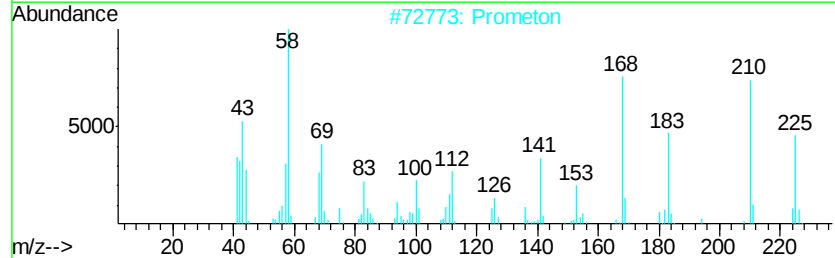
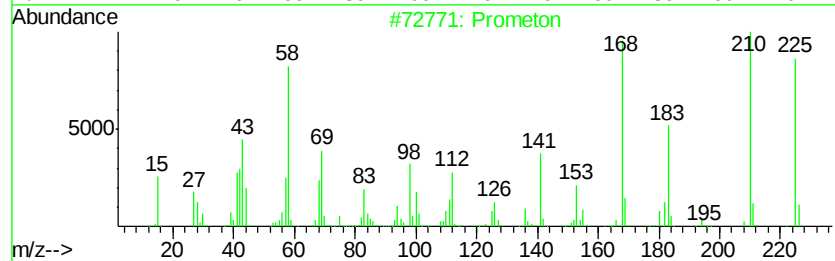
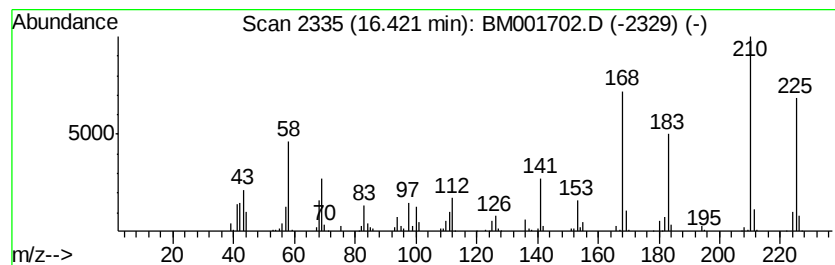
Instrument :
BNA_M
ClientSampleId :
X1W48

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Prometon Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
16.42	16.50 ng/ul	636088	Phenanthrene-d10		17.07
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Prometon	225	C10H19N5O	001610-18-0	99
2	Prometon	225	C10H19N5O	001610-18-0	99
3	Prometon	225	C10H19N5O	001610-18-0	99
4	Prometon	225	C10H19N5O	001610-18-0	98
5	Pyridine, 5-ethyl-2-phenyl-	183	C13H13N	066562-61-6	38



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061515\
Data File : BM001702.D
Acq On : 15 Jun 2015 16:44
Operator : TP/IZ
Sample : G2610-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
X1W48

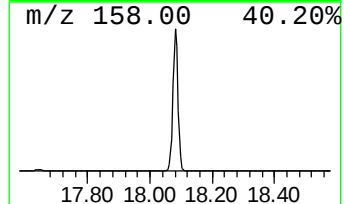
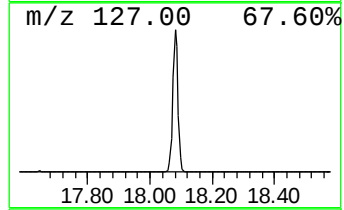
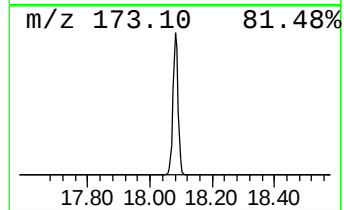
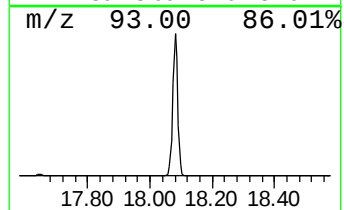
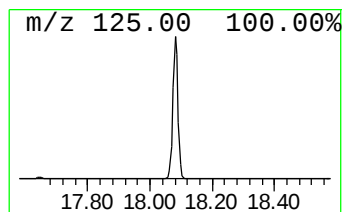
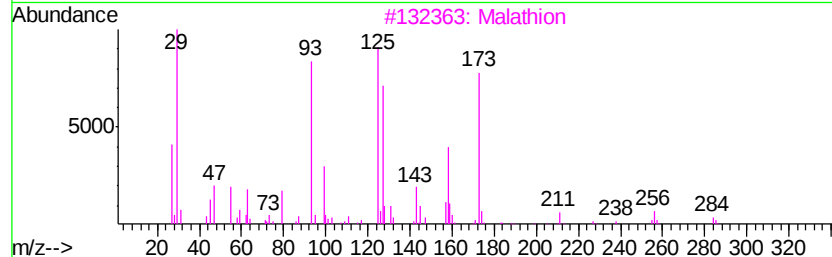
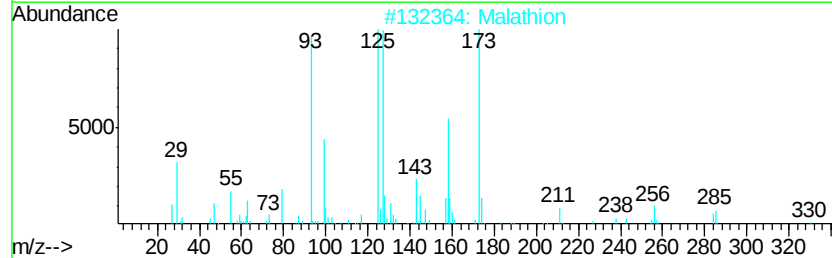
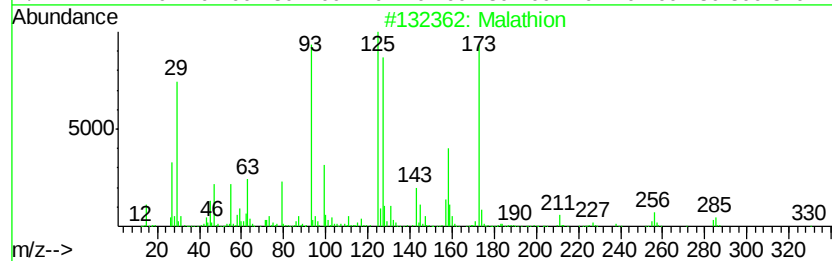
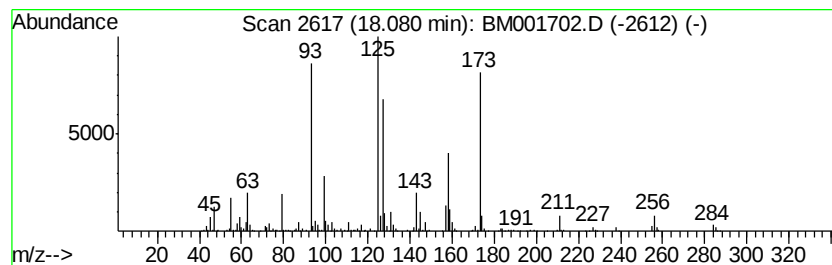
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 Malathion Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	31.30 ng/ul	1206160	Phenanthrene-d10	17.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Malathion	330	C10H19O6PS2	000121-75-5	91
2		Malathion	330	C10H19O6PS2	000121-75-5	90
3		Malathion	330	C10H19O6PS2	000121-75-5	53
4		Malathion	330	C10H19O6PS2	000121-75-5	52
5		Succinic acid, mercapto-, diethy...	330	C10H19O6PS2	003344-12-5	22



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061515\
Data File : BM001702.D
Acq On : 15 Jun 2015 16:44
Operator : TP/IZ
Sample : G2610-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
X1W48

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.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
Butane, 2-methoxy...	2.88	32.0	ng/ul	584647	1	7.67	365576	20.0
Parachlorophenol	10.35	41.0	ng/ul	977824	2	10.46	476426	20.0
Phthalic anhydride	12.24	2.2	ng/ul	52293	2	10.46	476426	20.0
unknown-01	14.67	5.5	ng/ul	167396	3	14.32	609773	20.0
Prometon	16.42	16.5	ng/ul	636088	4	17.07	770836	20.0
Malathion	18.08	31.3	ng/ul	1206160	4	17.07	770836	20.0