

Data Path : S:\HPCHEM1\BNA_M\DATA\BM061015\
 Data File : BM001631.D
 Acq On : 10 Jun 2015 13:46
 Operator : TP/IZ
 Sample : G2414-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X1T56

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\SOM01.2-EPA-BM061015.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	2.769	11	14	20	rVB	6075	7820	0.24%	0.018%
2	2.840	20	26	34	rBV	97958	201861	6.17%	0.457%
3	2.916	34	39	48	rVB	563758	748595	22.87%	1.694%
4	3.069	62	65	72	rVB4	3932	6726	0.21%	0.015%
5	3.310	103	106	109	rVB4	3711	3494	0.11%	0.008%
6	3.905	202	207	212	rBV3	4040	6263	0.19%	0.014%
7	6.681	675	679	684	rVB	5656	7759	0.24%	0.018%
8	6.851	702	708	717	rBV	114011	177941	5.44%	0.403%
9	6.969	725	728	732	rBV	2727	3904	0.12%	0.009%
10	7.028	732	738	747	rVV	244258	365499	11.17%	0.827%
11	7.122	747	754	761	rVB	229622	345932	10.57%	0.783%
12	7.216	764	770	779	rVB	327622	523398	15.99%	1.184%
13	7.310	781	786	788	rBV2	4686	6226	0.19%	0.014%
14	7.687	840	850	858	rBV	304486	491456	15.01%	1.112%
15	7.810	865	871	875	rVB2	2973	5106	0.16%	0.012%
16	7.910	883	888	896	rVB3	11215	19707	0.60%	0.045%
17	8.040	903	910	916	rVB	240722	383632	11.72%	0.868%
18	8.128	918	925	934	rBV	701435	1056046	32.26%	2.389%
19	8.216	936	940	946	rBV2	6022	10503	0.32%	0.024%
20	8.393	964	970	977	rVB	294764	474488	14.50%	1.073%
21	8.557	994	998	1001	rBV2	2886	3591	0.11%	0.008%
22	8.763	1027	1033	1039	rVB	271658	437961	13.38%	0.991%
23	8.845	1039	1047	1054	rBV	308697	499086	15.25%	1.129%
24	8.957	1061	1066	1071	rVB4	3872	6814	0.21%	0.015%
25	9.110	1088	1092	1097	rBV2	3760	5416	0.17%	0.012%
26	9.410	1134	1143	1150	rBV	532276	835856	25.54%	1.891%
27	9.569	1164	1170	1177	rBV	264065	432817	13.22%	0.979%
28	9.657	1179	1185	1194	rVV	261038	431368	13.18%	0.976%
29	9.722	1194	1196	1202	rVB2	4254	5378	0.16%	0.012%
30	9.957	1231	1236	1240	rVB2	7438	9154	0.28%	0.021%
31	10.098	1253	1260	1271	rBV	432662	706601	21.59%	1.599%
32	10.198	1271	1277	1283	rVB2	8328	13163	0.40%	0.030%
33	10.481	1316	1325	1331	rBV	359771	597796	18.26%	1.352%
34	10.616	1343	1348	1356	rBV	22638	35756	1.09%	0.081%

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Integration Parameters: LSCINT.P

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35	12.445	1653	1659	1665	rBV2	4354	6341	0.19%	0.014%
36	12.716	1698	1705	1711	rBV	1131511	1560703	47.68%	3.531%
37	13.210	1782	1789	1798	rBV	896553	1327491	40.56%	3.003%
38	13.751	1875	1881	1887	rBV	655586	900128	27.50%	2.036%
39	14.033	1922	1929	1936	rBV	775650	1112231	33.98%	2.516%
40	14.339	1975	1981	1993	rVB2	498141	740766	22.63%	1.676%
41	14.539	2009	2015	2024	rBV	81763	123018	3.76%	0.278%
42	15.333	2144	2150	2162	rVB	1024313	1380064	42.16%	3.122%
43	15.451	2164	2170	2176	rBV	281387	364316	11.13%	0.824%
44	15.733	2214	2218	2221	rVB	3917	4724	0.14%	0.011%
45	16.245	2300	2305	2309	rBV	7641	8125	0.25%	0.018%
46	16.386	2323	2329	2335	rBV	446848	612417	18.71%	1.385%
47	16.757	2383	2392	2398	rBV2	1742736	3215298	98.23%	7.274%
48	17.068	2439	2445	2447	rBV	848456	1255581	38.36%	2.841%
49	17.186	2458	2465	2476	rBV2	1091254	1540882	47.07%	3.486%
50	17.662	2542	2546	2549	rBV	24272	28265	0.86%	0.064%
51	17.698	2549	2552	2555	rVV	25972	31866	0.97%	0.072%
52	17.727	2555	2557	2561	rVB	13364	12770	0.39%	0.029%
53	18.057	2608	2613	2617	rBV	1368863	1694986	51.78%	3.835%
54	18.104	2617	2621	2626	rVB	1152016	1363244	41.65%	3.084%
55	18.268	2642	2649	2655	rBV	2388153	3273279	100.00%	7.405%
56	18.380	2662	2668	2673	rBV	1580204	1884357	57.57%	4.263%
57	18.762	2726	2733	2741	rBV4	1854	4086	0.12%	0.009%
58	18.927	2758	2761	2767	rVB3	2432	3361	0.10%	0.008%
59	19.151	2793	2799	2807	rBV	1920830	2476070	75.64%	5.602%
60	19.374	2832	2837	2840	rBV	7385	10057	0.31%	0.023%
61	19.486	2850	2856	2866	rBV	1352054	1796773	54.89%	4.065%
62	20.421	3010	3015	3020	rBV	1628849	1761431	53.81%	3.985%
63	21.074	3123	3126	3131	rBV3	8177	9885	0.30%	0.022%
64	21.274	3155	3160	3166	rBV	863823	1121083	34.25%	2.536%
65	22.886	3427	3434	3442	rBV	877743	1355842	41.42%	3.067%
66	23.374	3509	3517	3527	rBV2	1035074	1963065	59.97%	4.441%
67	23.515	3534	3541	3551	rVB	600175	1091287	33.34%	2.469%
68	26.468	4032	4043	4058	rVB	433711	1300998	39.75%	2.943%

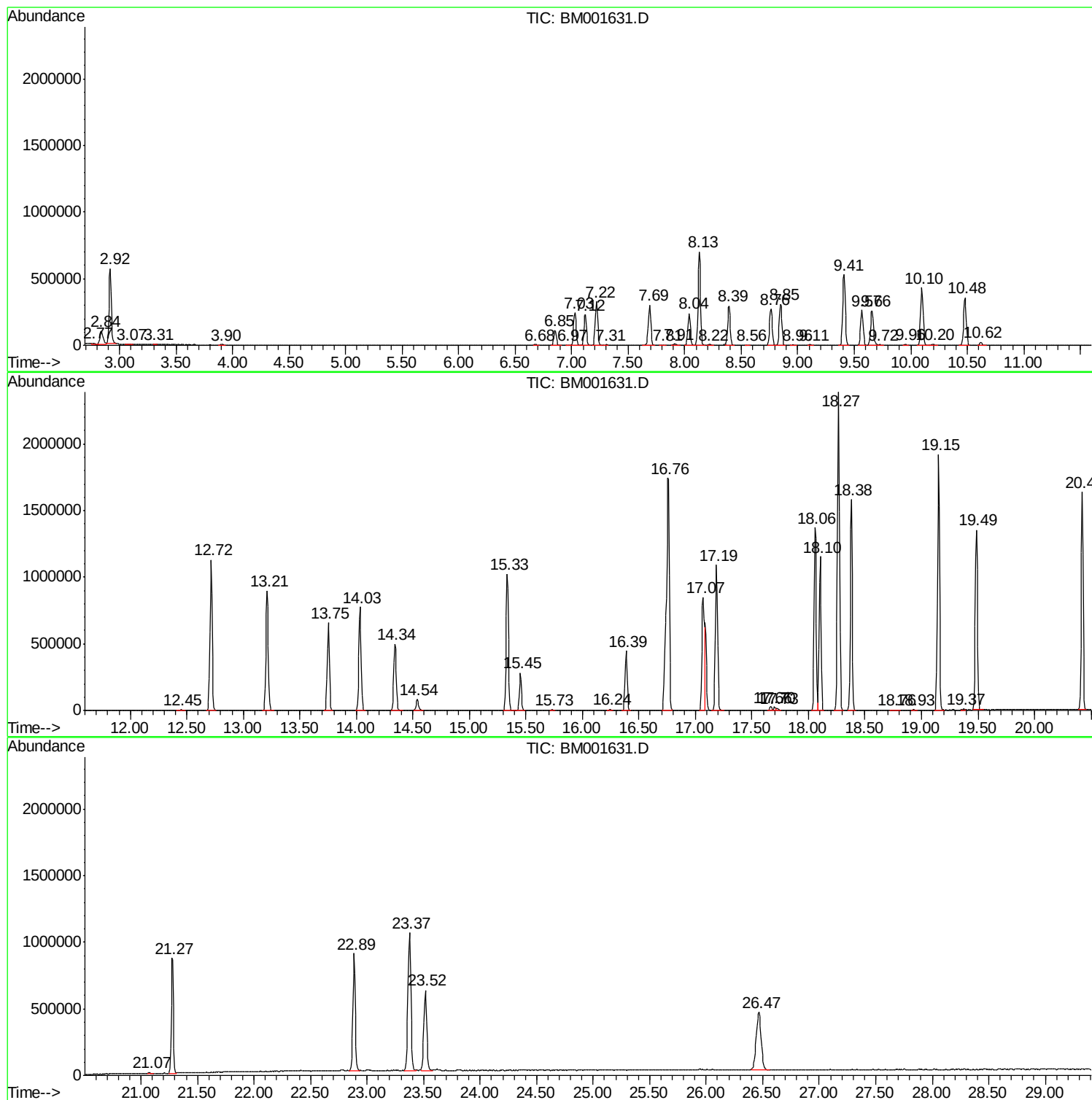
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM061015.M
Quant Title : SVOA CALIBRATION

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



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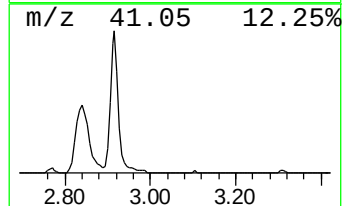
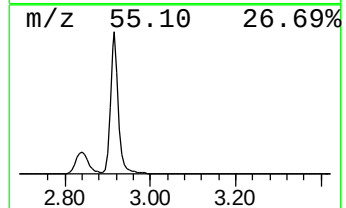
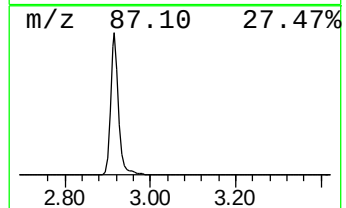
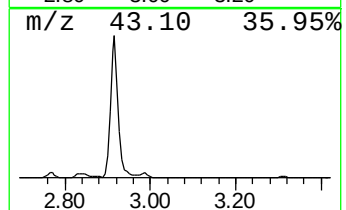
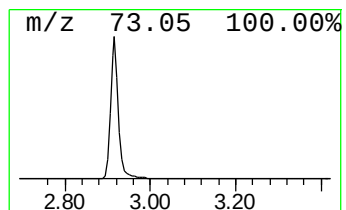
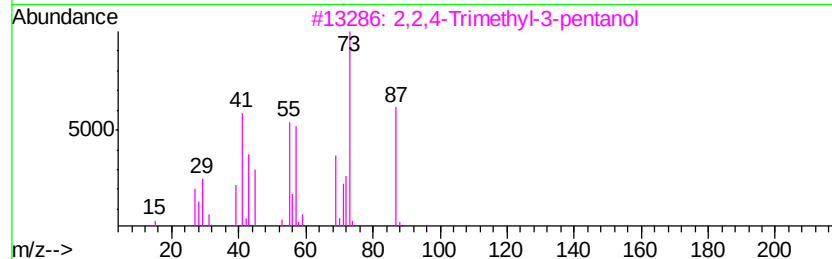
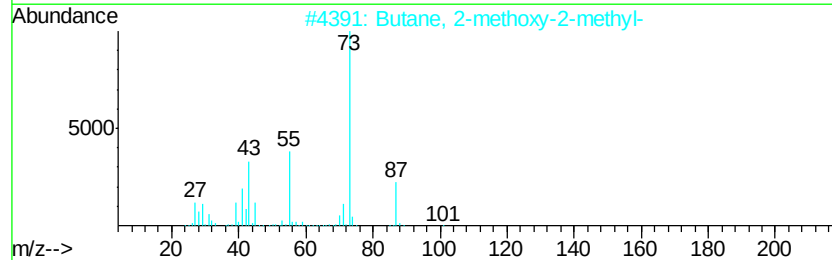
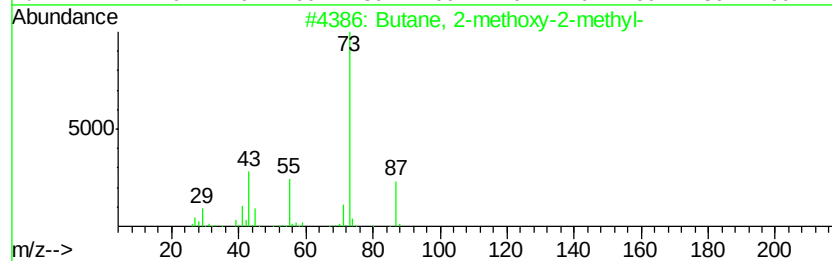
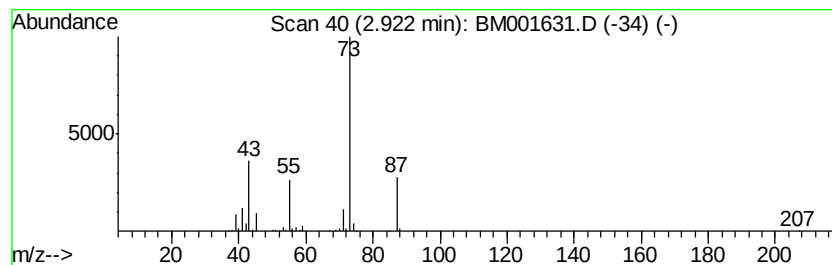
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM061015.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	30.46 ng/ul	748595	1,4-Dichlorobenzene-d4	7.69

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	78
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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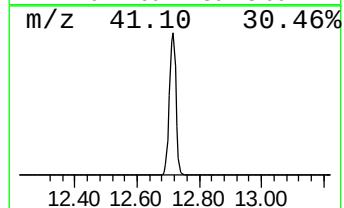
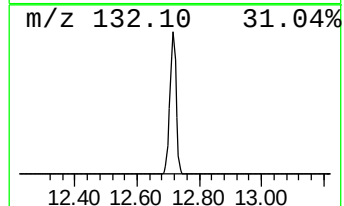
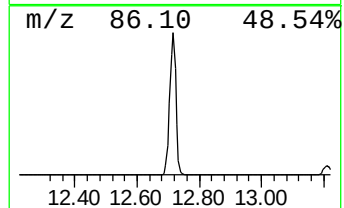
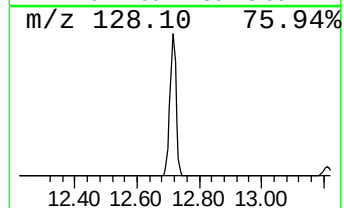
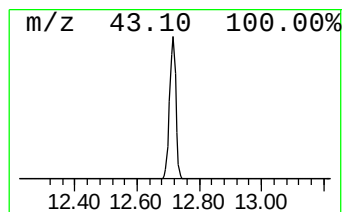
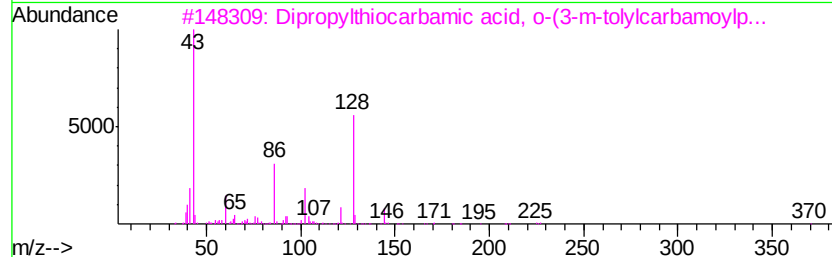
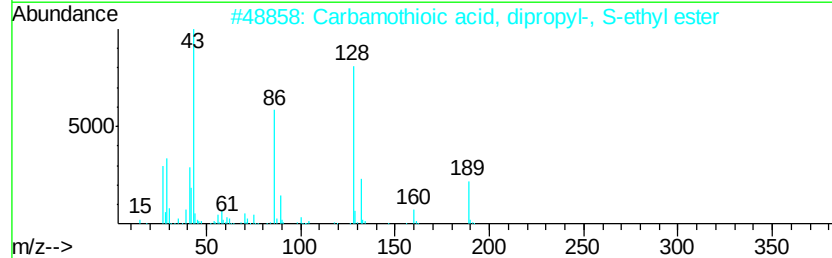
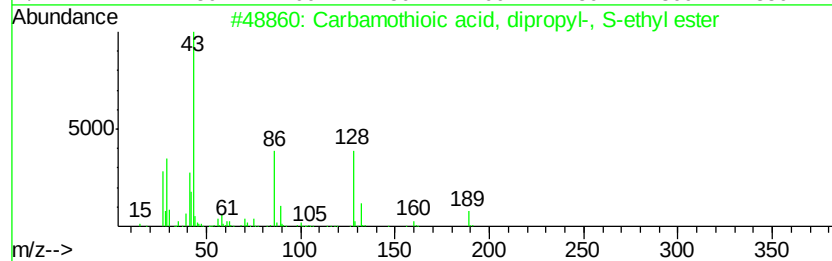
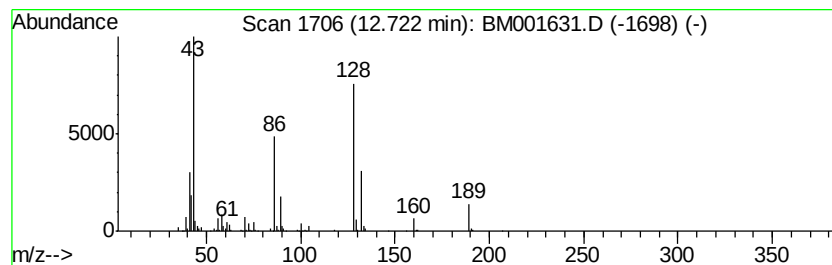
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Carbamothioic acid, dipropy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	42.14 ng/ul	1560700	Acenaphthene-d10	14.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Carbamothioic acid, dipropyl-, S...	189	C9H19NOS	000759-94-4	91
2		Carbamothioic acid, dipropyl-, S...	189	C9H19NOS	000759-94-4	87
3		Dipropylthiocarbamic acid, o-(3-...	370	C21H26N2O2S	1000295-36-8	50
4		Carbamothioic acid, dipropyl-, S...	189	C9H19NOS	000759-94-4	46
5		2-Thiouracil	128	C4H4N2OS	000141-90-2	14



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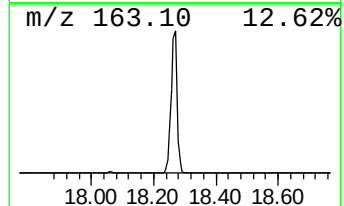
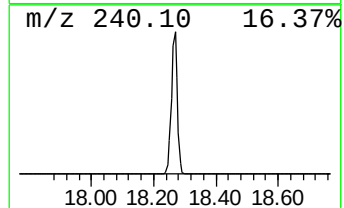
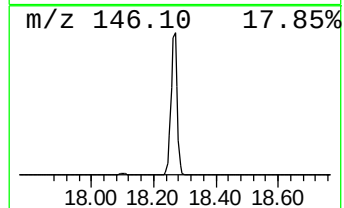
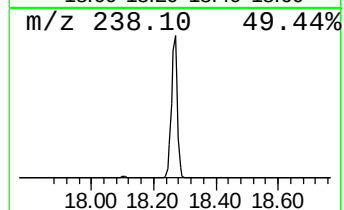
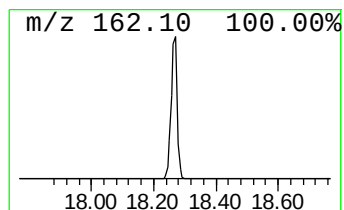
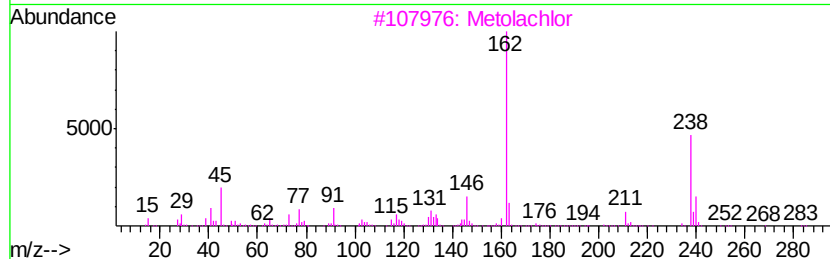
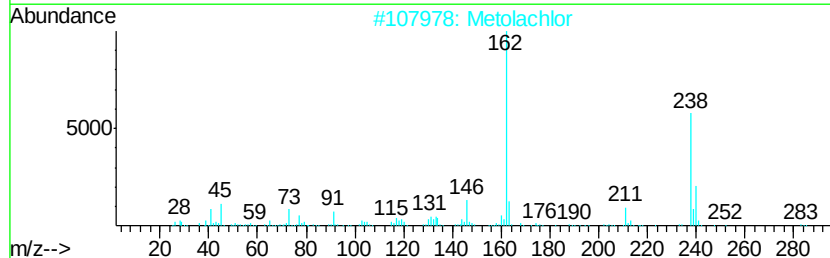
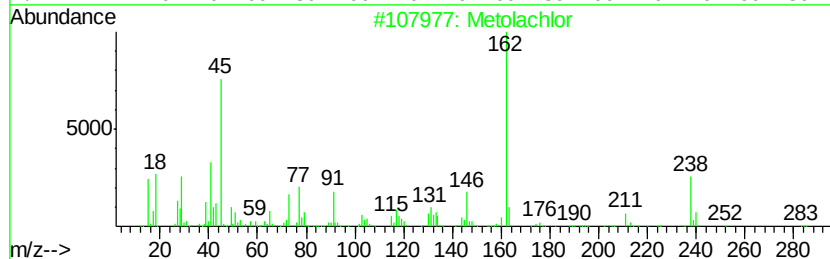
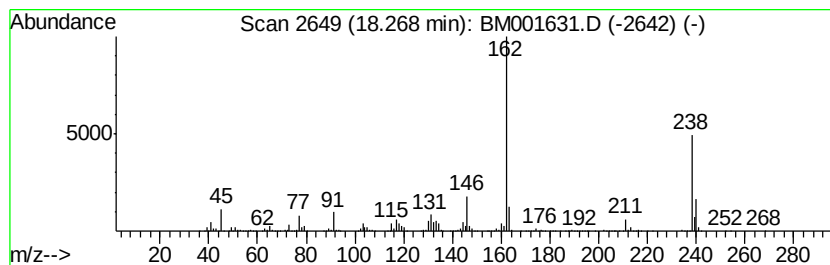
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Metolachlor Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.27	52.14 ng/ul	3273280	Phenanthrene-d10	17.09	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Metolachlor	283	C15H22ClN02	051218-45-2	90
2	Metolachlor	283	C15H22ClN02	051218-45-2	68
3	Metolachlor	283	C15H22ClN02	051218-45-2	58
4	Metolachlor	283	C15H22ClN02	051218-45-2	47
5	1,2-Dihydro-1-thioxophthalazine	162	C8H6N2S	016015-46-6	46



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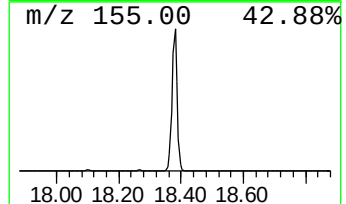
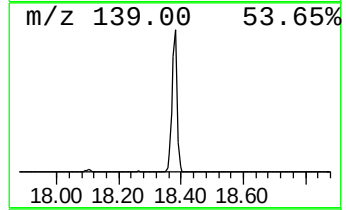
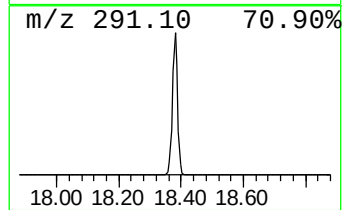
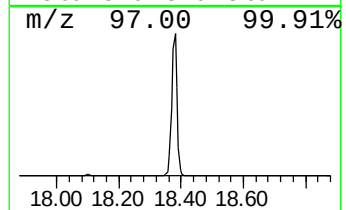
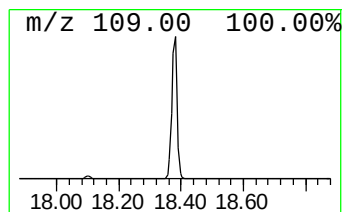
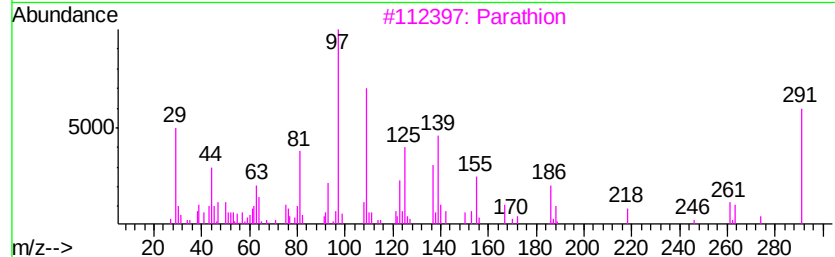
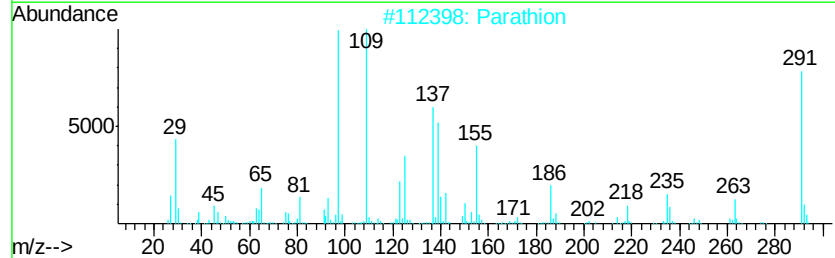
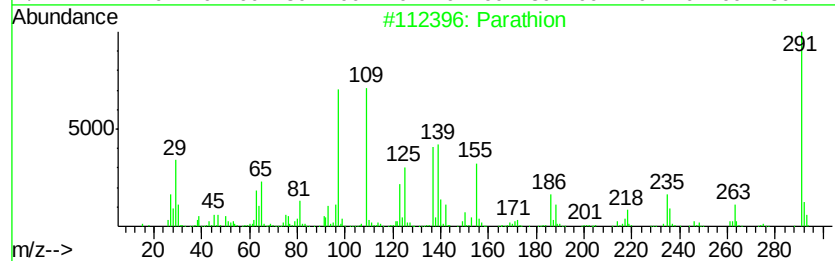
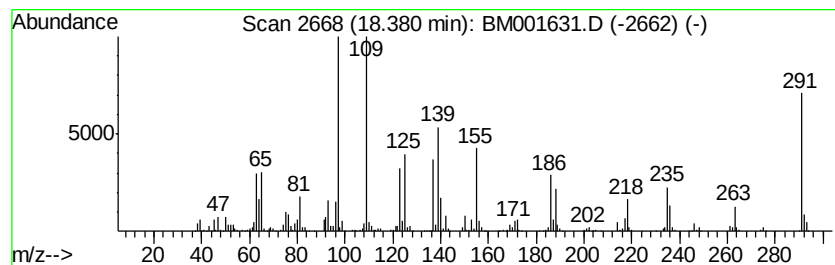
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Parathion Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.38	30.02 ng/ul	1884360	Phenanthrene-d10		17.09	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Parathion		291	C10H14N05PS	000056-38-2	94
2	Parathion		291	C10H14N05PS	000056-38-2	93
3	Parathion		291	C10H14N05PS	000056-38-2	89
4	o-Ethyl o-4-methylcyclohexyl met...		220	C10H21O3P	1000275-28-4	14
5	Benzeneethanol, 4-fluoro-		140	C8H9FO	007589-27-7	11



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.92	30.5	ng/ul	748595	1	7.69	491456	20.0
Carbamothioic aci...	12.72	42.1	ng/ul	1560700	3	14.34	740766	20.0
Metolachlor	18.27	52.1	ng/ul	3273280	4	17.09	1255580	20.0
Parathion	18.38	30.0	ng/ul	1884360	4	17.09	1255580	20.0