

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011315\
 Data File : BM000176.D
 Acq On : 13 Jan 2015 19:25
 Operator : TP/IZ
 Sample : G1063-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AN7

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-BM122914.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	2.775	12	15	21	rVB5	15766	21047	0.11%	0.032%
2	2.840	21	26	41	rVB	2203377	2982236	16.10%	4.496%
3	2.987	46	51	59	rBV	811156	1243710	6.72%	1.875%
4	3.057	59	63	80	rVB	2894127	3748763	20.24%	5.652%
5	3.293	97	103	109	rVV	2441469	3301691	17.83%	4.978%
6	3.352	109	113	125	rVB	2201328	2806723	15.16%	4.232%
7	4.151	243	249	255	rBV5	22580	40211	0.22%	0.061%
8	4.404	286	292	302	rVB	83712	126397	0.68%	0.191%
9	4.575	314	321	335	rBV	13139965	18519885	100.00%	27.921%
10	4.810	357	361	370	rBV	164870	240162	1.30%	0.362%
11	4.957	382	386	394	rVB7	13954	26754	0.14%	0.040%
12	6.398	626	631	636	rVB	18166	28022	0.15%	0.042%
13	6.840	695	706	716	rBV	60466	139698	0.75%	0.211%
14	6.987	726	731	739	rVB	202326	326506	1.76%	0.492%
15	7.163	755	761	773	rVB	533957	806106	4.35%	1.215%
16	7.363	784	795	805	rBV	621458	1009899	5.45%	1.523%
17	7.457	805	811	815	rVV5	16562	27869	0.15%	0.042%
18	7.522	818	822	831	rVB6	28345	47535	0.26%	0.072%
19	7.834	868	875	881	rVB	502600	818638	4.42%	1.234%
20	8.528	986	993	1003	rBV2	494595	801700	4.33%	1.209%
21	8.986	1062	1071	1082	rBV	745510	1198855	6.47%	1.807%
22	9.145	1094	1098	1105	rVB3	15523	23650	0.13%	0.036%
23	9.704	1184	1193	1203	rBV	579284	972446	5.25%	1.466%
24	9.928	1226	1231	1236	rBV3	17792	27740	0.15%	0.042%
25	10.239	1277	1284	1298	rBV	828311	1374364	7.42%	2.072%
26	10.622	1342	1349	1357	rBV	652569	1092435	5.90%	1.647%
27	11.286	1456	1462	1469	rBV6	24139	51485	0.28%	0.078%
28	11.398	1476	1481	1489	rBV6	18439	37526	0.20%	0.057%
29	12.210	1614	1619	1624	rVB3	13428	23446	0.13%	0.035%
30	12.710	1699	1704	1709	rBV4	22789	36354	0.20%	0.055%
31	13.874	1896	1902	1914	rBV	1521338	2061833	11.13%	3.109%
32	14.074	1929	1936	1944	rBV	190633	340850	1.84%	0.514%
33	14.157	1944	1950	1961	rVB	1451718	2152471	11.62%	3.245%
34	14.463	1996	2002	2014	rBV	867198	1331235	7.19%	2.007%

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Integration Parameters: LSCINT.P

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	14.651	2028	2034	2048	rBV3	118995	222064	1.20%	0.335%
36	15.457	2164	2171	2181	rBV	1861996	2696951	14.56%	4.066%
37	15.568	2184	2190	2201	rVV	562433	797197	4.30%	1.202%
38	15.698	2207	2212	2218	rVB3	19075	28289	0.15%	0.043%
39	17.204	2462	2468	2479	rBV2	1066538	1592712	8.60%	2.401%
40	17.304	2479	2485	2497	rVB2	2078753	3022782	16.32%	4.557%
41	18.092	2615	2619	2623	rBV4	12616	19755	0.11%	0.030%
42	19.233	2808	2813	2817	rBV3	21776	25569	0.14%	0.039%
43	19.486	2854	2856	2861	rVB3	20470	22218	0.12%	0.033%
44	19.598	2869	2875	2882	rBV	2373109	3303491	17.84%	4.980%
45	21.303	3160	3165	3170	rBV7	11843	27360	0.15%	0.041%
46	21.392	3174	3180	3186	rBV	1479351	1861974	10.05%	2.807%
47	23.538	3537	3545	3555	rVB	1698052	3200918	17.28%	4.826%
48	23.680	3562	3569	3578	rVB2	872837	1719227	9.28%	2.592%

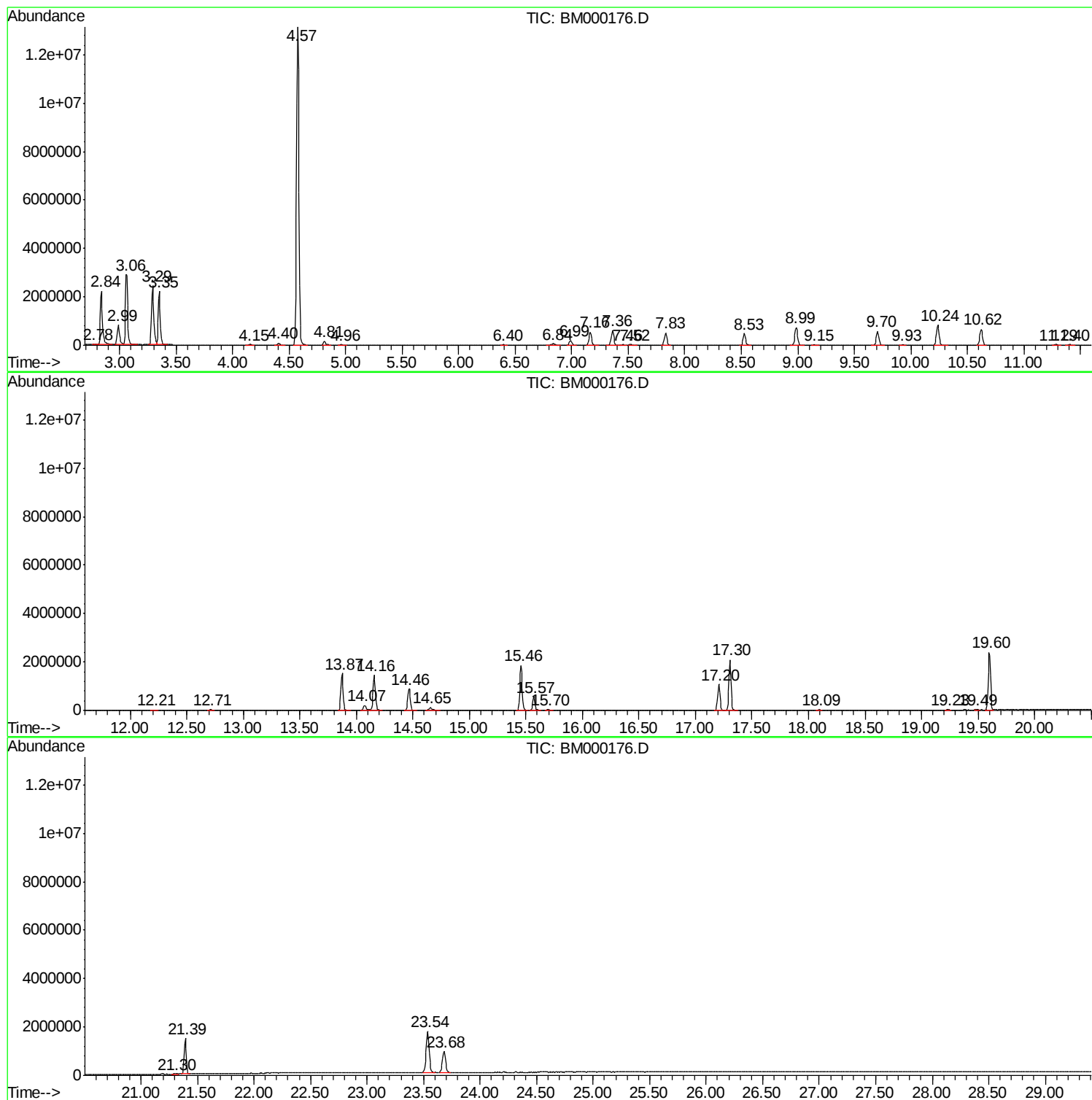
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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



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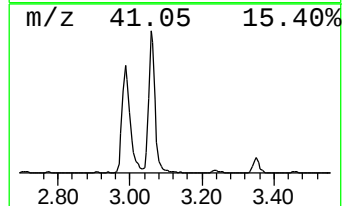
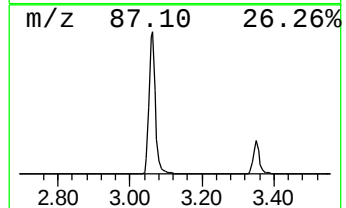
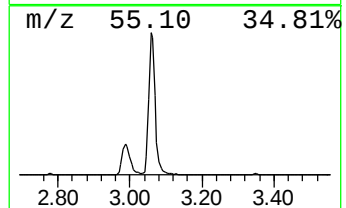
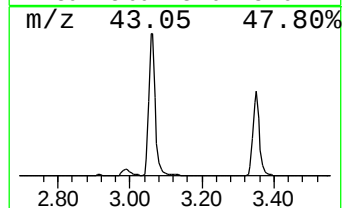
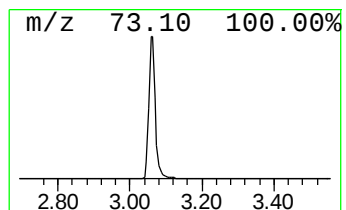
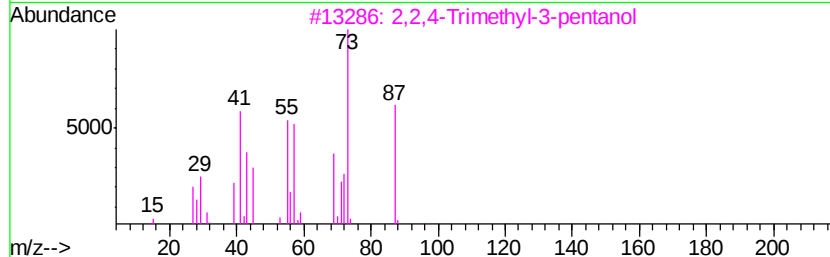
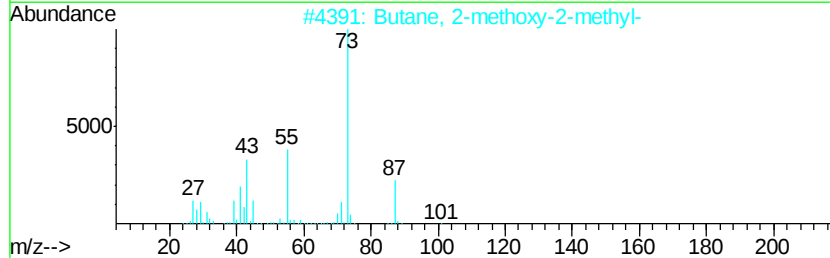
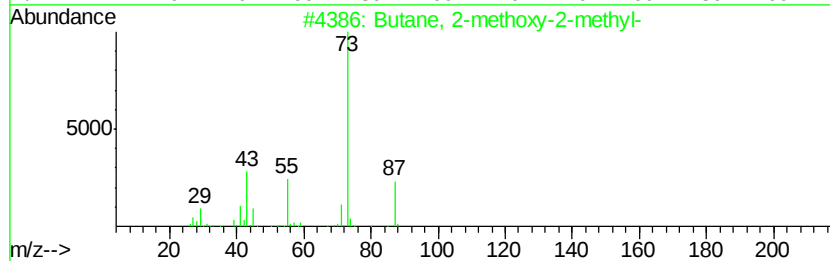
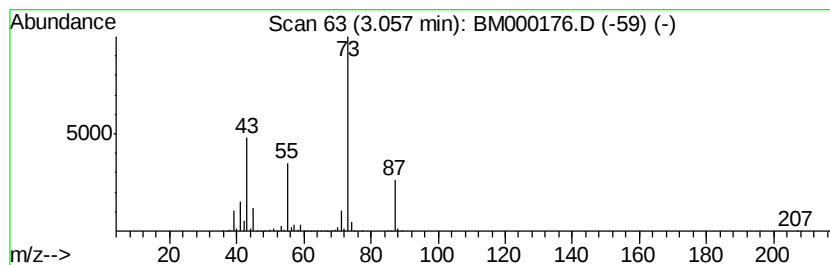
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	91.59 ng/ul	3748760	1,4-Dichlorobenzene-d4	7.83

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	64
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5		Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	10



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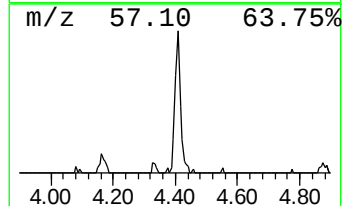
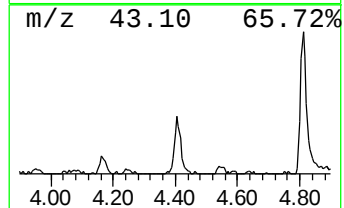
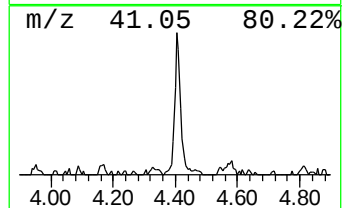
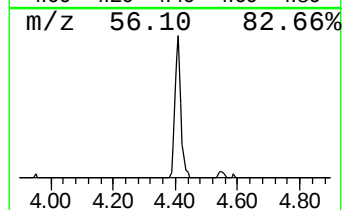
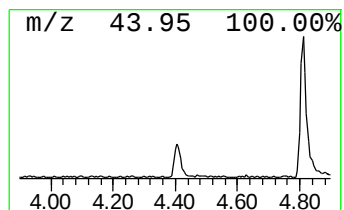
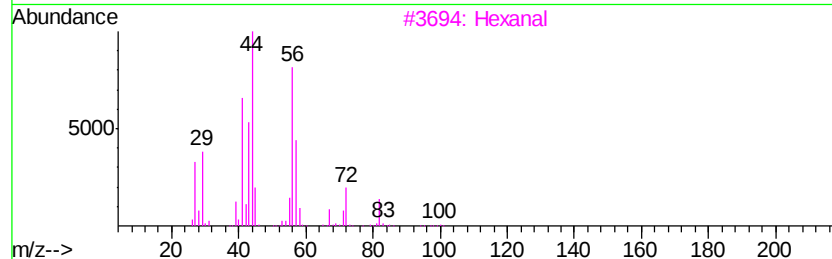
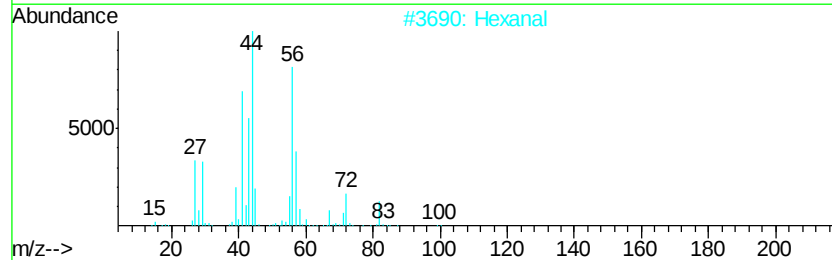
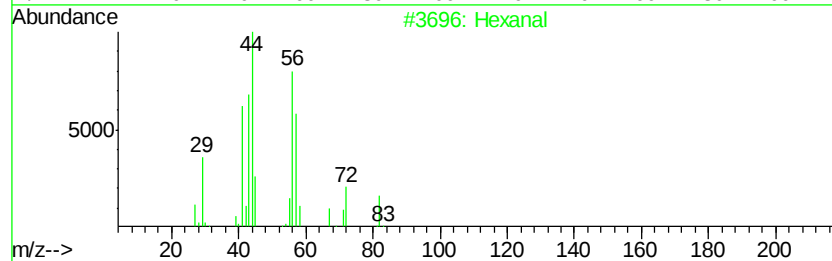
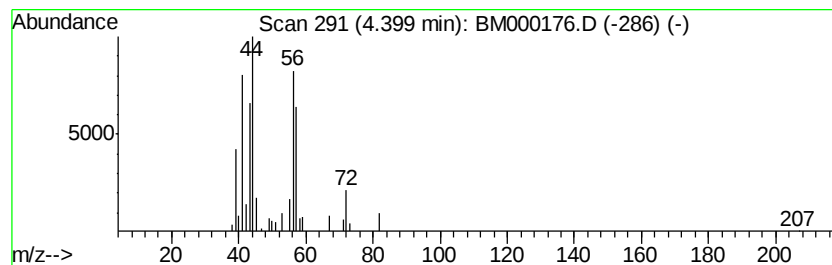
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Hexanal Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	3.09 ng/ul	126397	1,4-Dichlorobenzene-d4	7.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal		100	C6H12O	000066-25-1	83
2	Hexanal		100	C6H12O	000066-25-1	78
3	Hexanal		100	C6H12O	000066-25-1	78
4	Hexanal		100	C6H12O	000066-25-1	74
5	Cyclobutanol, 2-ethyl-		100	C6H12O	035301-43-0	56



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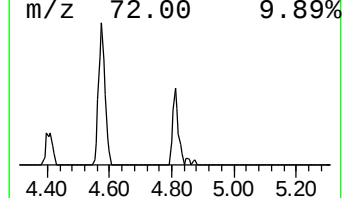
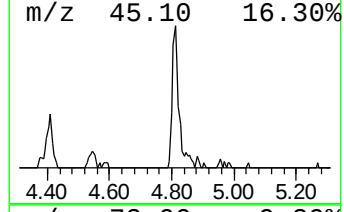
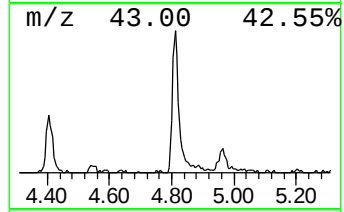
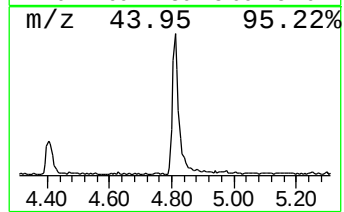
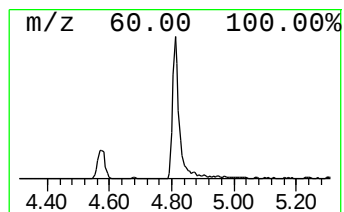
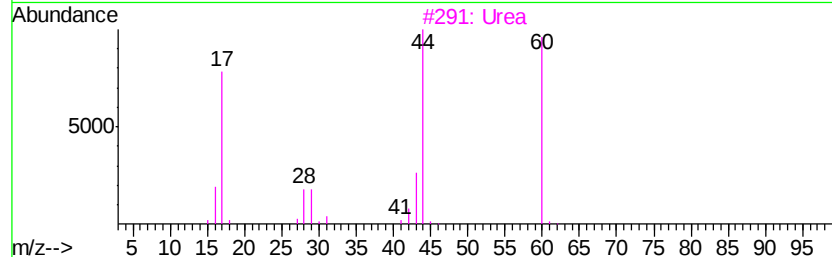
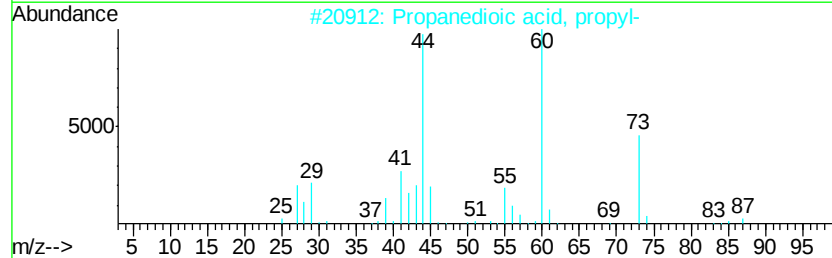
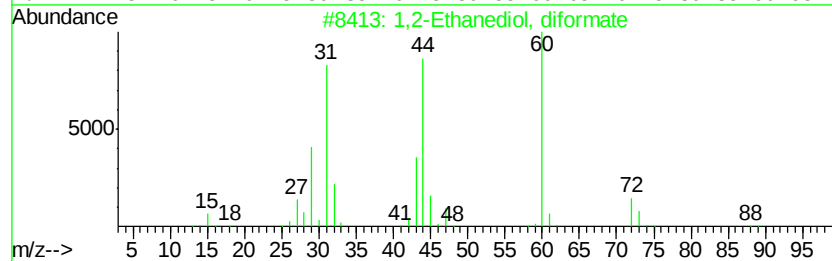
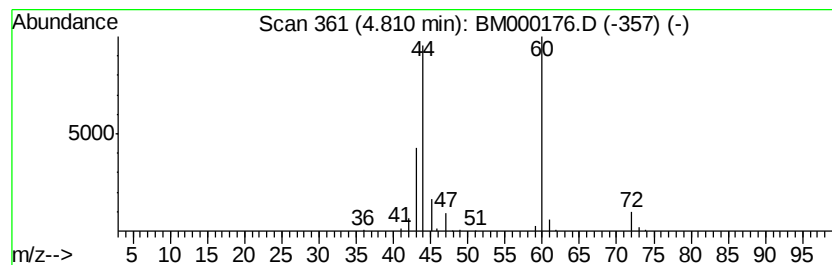
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 1,2-Ethanedioic acid, diformate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.81	5.87 ng/ul	240162	1,4-Dichlorobenzene-d4	7.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2-Ethanedioic acid, diformate	118	C4H6O4	000629-15-2	78
2			Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	56
3			Urea	60	CH4N2O	000057-13-6	9
4			Urea	60	CH4N2O	000057-13-6	9
5			Urea	60	CH4N2O	000057-13-6	9



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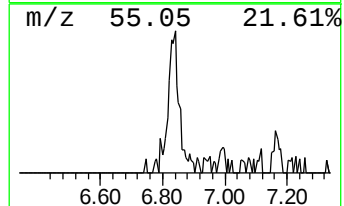
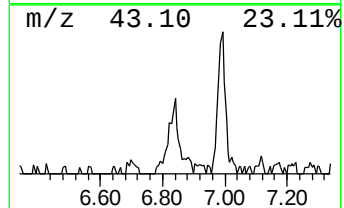
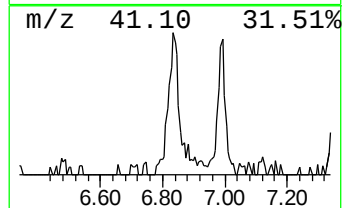
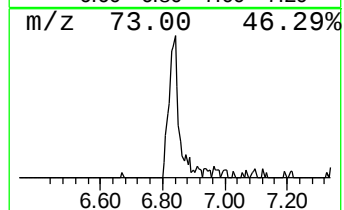
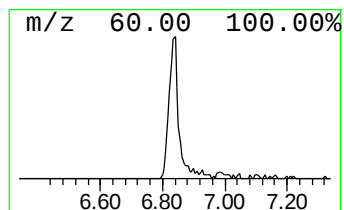
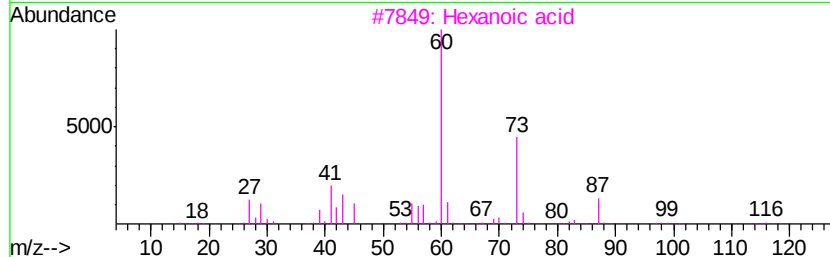
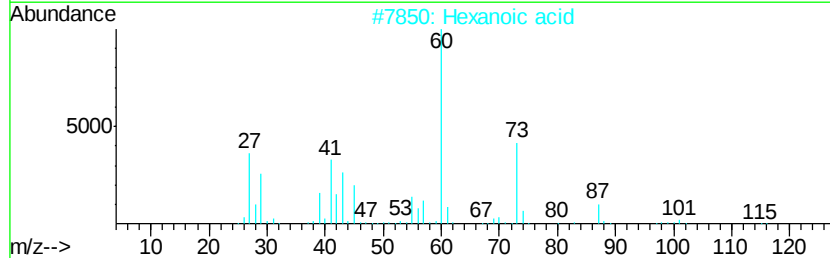
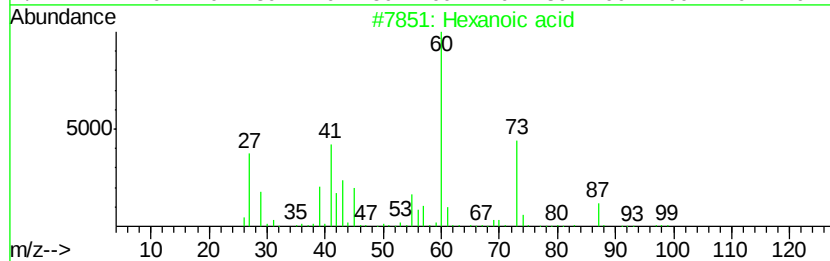
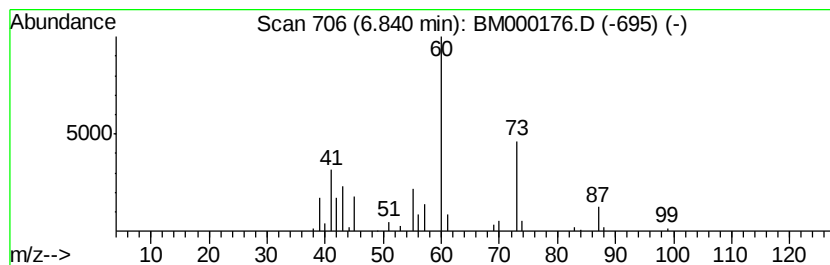
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Hexanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.84	3.41 ng/ul	139698	1,4-Dichlorobenzene-d4	7.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexanoic acid	116	C6H12O2	000142-62-1	90
2			Hexanoic acid	116	C6H12O2	000142-62-1	83
3			Hexanoic acid	116	C6H12O2	000142-62-1	78
4			Pentanoic acid	102	C5H10O2	000109-52-4	72
5			Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	64



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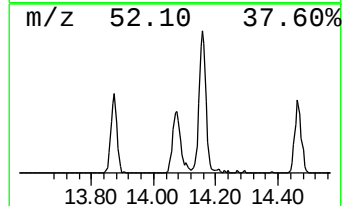
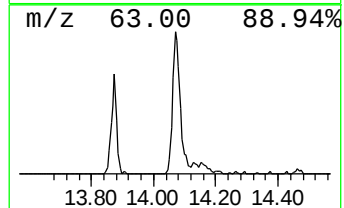
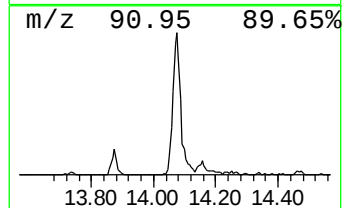
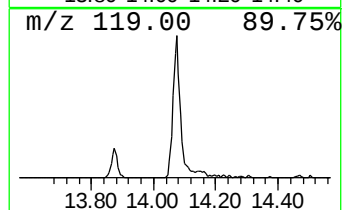
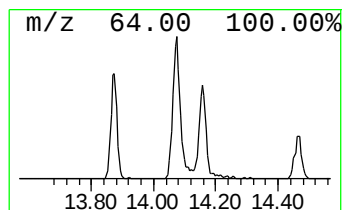
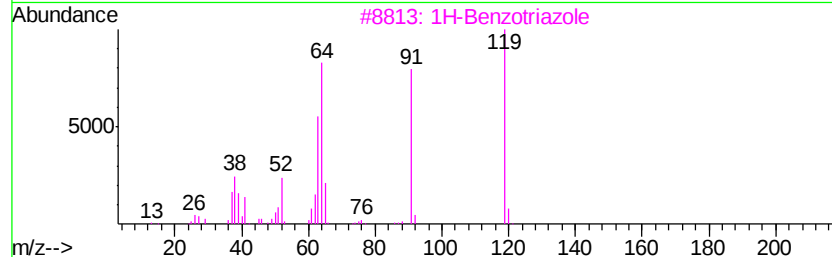
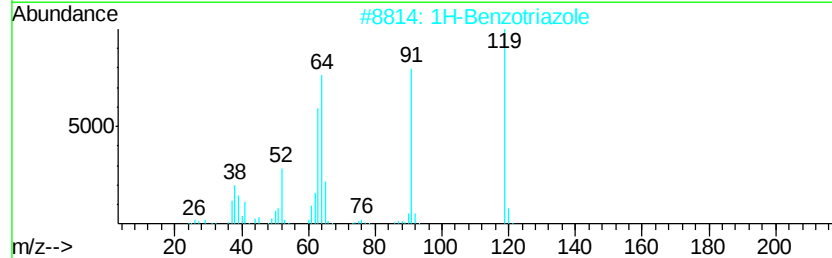
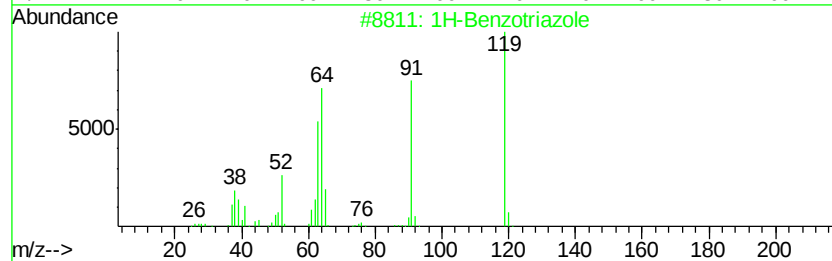
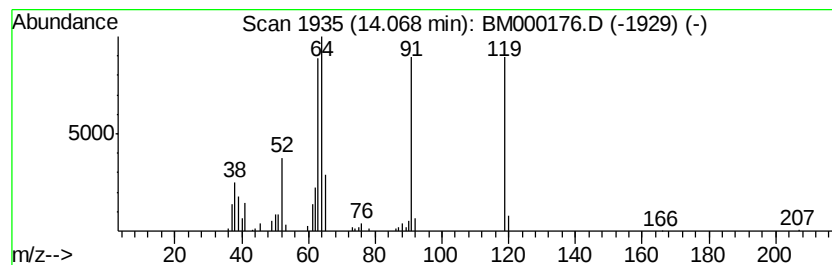
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 1H-Benzotriazole Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	5.12 ng/ul	340850	Acenaphthene-d10	14.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Benzotriazole	119	C6H5N3	027556-51-0	96
2		1H-Benzotriazole	119	C6H5N3	000095-14-7	96
3		1H-Benzotriazole	119	C6H5N3	000095-14-7	94
4		1H-Benzotriazole	119	C6H5N3	000095-14-7	93
5		Benzoxazole	119	C7H5NO	000273-53-0	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011315\
Data File : BM000176.D
Acq On : 13 Jan 2015 19:25
Operator : TP/IZ
Sample : G1063-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AN7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.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...	3.06	91.6	ng/ul	3748760	1	7.83	818638	20.0
Hexanal	4.40	3.1	ng/ul	126397	1	7.83	818638	20.0
1,2-Ethanediol, d...	4.81	5.9	ng/ul	240162	1	7.83	818638	20.0
Hexanoic acid	6.84	3.4	ng/ul	139698	1	7.83	818638	20.0
1H-Benzotriazole	14.07	5.1	ng/ul	340850	3	14.47	1331240	20.0