

Data Path : Z:\HPCHEM1\BNA_G\Data\BG031017\
 Data File : BG026182.D
 Acq On : 10 Mar 2017 20:43
 Operator : SJ/MA
 Sample : I2180-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0BG4

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_G\METHODS\SOM-EPA-BG030717MA.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	7.212	697	702	709	rVB	77232	132542	3.72%	0.426%
2	7.383	725	731	739	rVB	370733	613034	17.22%	1.969%
3	7.594	761	767	776	rVB	318386	540884	15.19%	1.737%
4	8.064	841	847	850	rBV	329383	556639	15.63%	1.788%
5	8.100	850	853	860	rVB	196473	307831	8.64%	0.989%
6	8.417	901	907	914	rVB2	102046	178579	5.01%	0.574%
7	8.758	958	965	976	rBV	236666	403031	11.32%	1.294%
8	9.216	1036	1043	1051	rVB	420426	725591	20.38%	2.330%
9	9.668	1113	1120	1130	rVB	259419	435730	12.24%	1.399%
10	9.939	1158	1166	1172	rBV	244376	440625	12.37%	1.415%
11	9.997	1172	1176	1185	rVB3	61427	102820	2.89%	0.330%
12	10.479	1249	1258	1267	rBV	474634	846585	23.77%	2.719%
13	10.726	1294	1300	1305	rBV3	28234	51102	1.44%	0.164%
14	10.861	1316	1323	1332	rVB	472026	840062	23.59%	2.698%
15	11.407	1410	1416	1424	rVB3	83357	157252	4.42%	0.505%
16	11.513	1427	1434	1439	rBV2	43125	74342	2.09%	0.239%
17	13.476	1761	1768	1776	rBV	601774	910822	25.58%	2.925%
18	13.675	1796	1802	1809	rVB	329222	516382	14.50%	1.658%
19	14.063	1861	1868	1875	rBV	1003214	1484440	41.69%	4.767%
20	14.363	1911	1919	1925	rBV	1258558	2051921	57.62%	6.590%
21	14.416	1925	1928	1935	rVB2	74424	105462	2.96%	0.339%
22	14.557	1946	1952	1958	rVB	25112	41346	1.16%	0.133%
23	14.668	1958	1971	1979	rBV2	742204	1263165	35.47%	4.057%
24	14.845	1993	2001	2007	rBV	46718	86456	2.43%	0.278%
25	15.650	2132	2138	2150	rVB	1705607	2559505	71.88%	8.220%
26	15.761	2150	2157	2167	rBV	317662	465037	13.06%	1.494%
27	17.400	2429	2436	2443	rBV	948404	1482928	41.64%	4.763%
28	17.494	2445	2452	2463	rVV	1964404	2929533	82.27%	9.408%
29	19.410	2774	2778	2782	rBV	27855	43417	1.22%	0.139%
30	19.768	2833	2839	2847	rBV	2430323	3560999	100.00%	11.436%
31	21.642	3151	3158	3171	rBV	1127855	1832032	51.45%	5.884%
32	23.910	3539	3544	3553	rVB6	19464	38707	1.09%	0.124%
33	24.615	3652	3664	3685	rBV2	1253260	3384764	95.05%	10.870%
34	24.833	3690	3701	3719	rVV2	643406	1875788	52.68%	6.024%

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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35	25.967	3889	3894	3902	rVB5	24544	58414	1.64%	0.188%
36	27.306	4114	4122	4123	rBV7	20575	39386	1.11%	0.126%

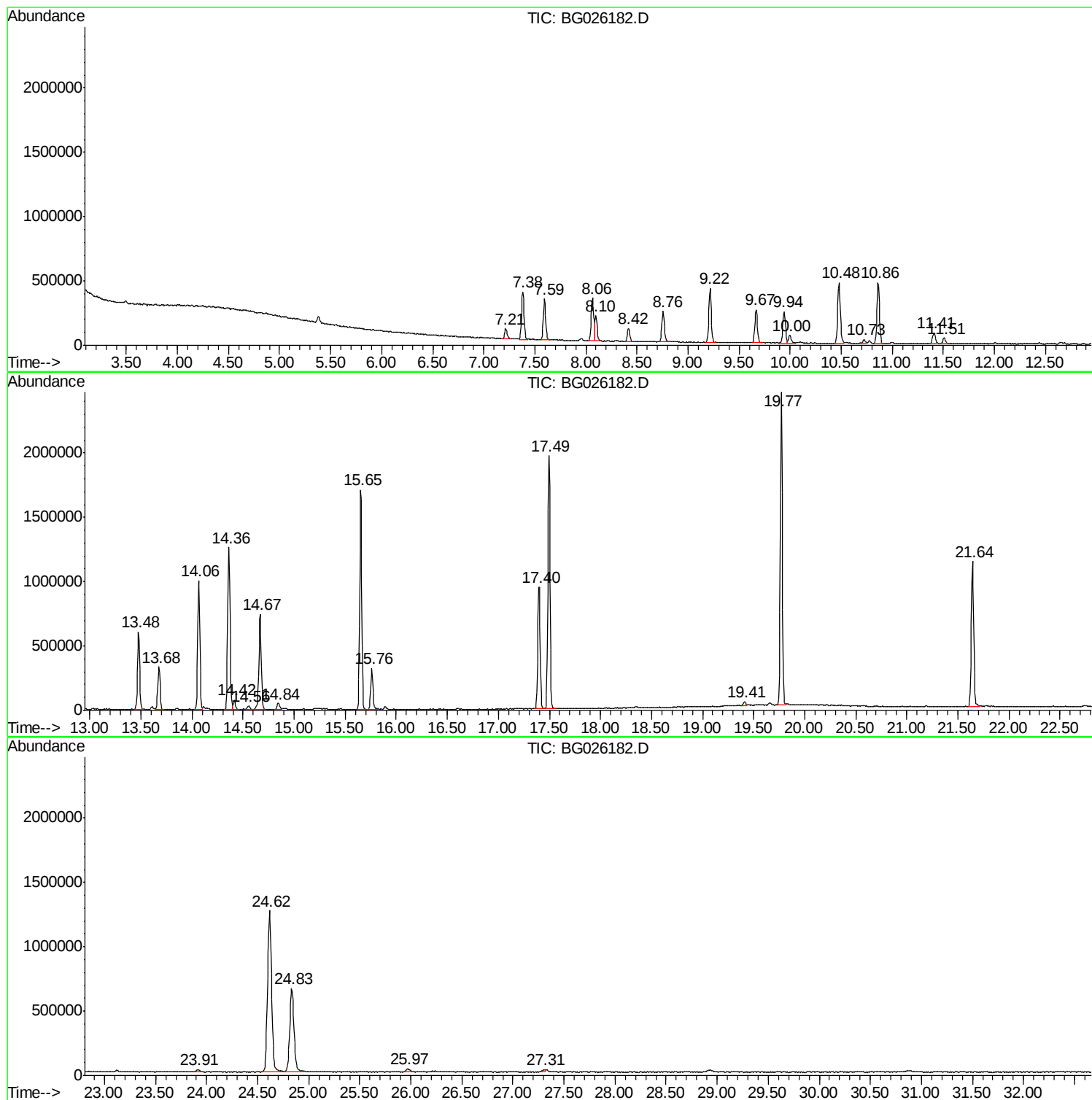
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030717MA.M
Quant Title : SVOA CALIBRATION

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



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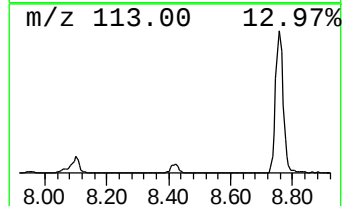
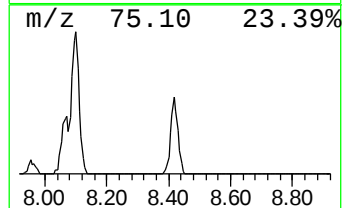
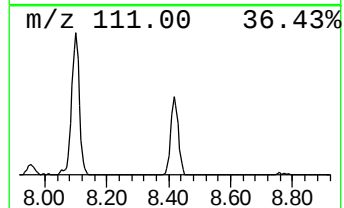
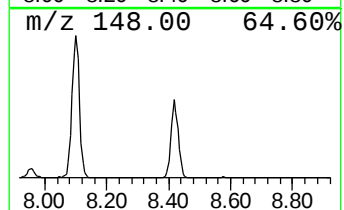
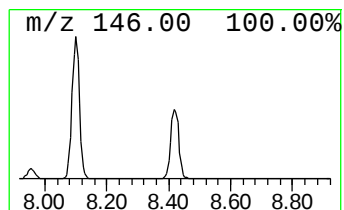
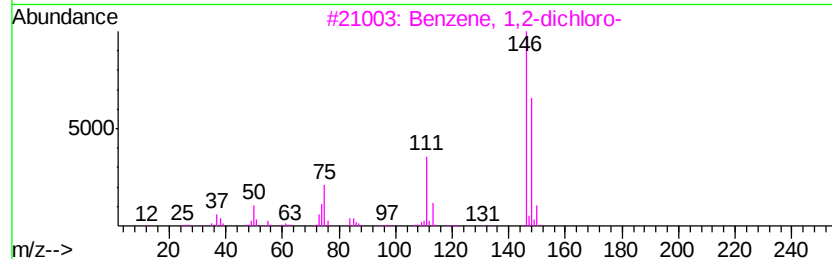
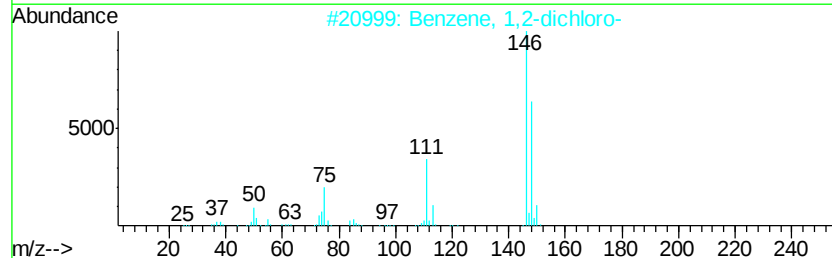
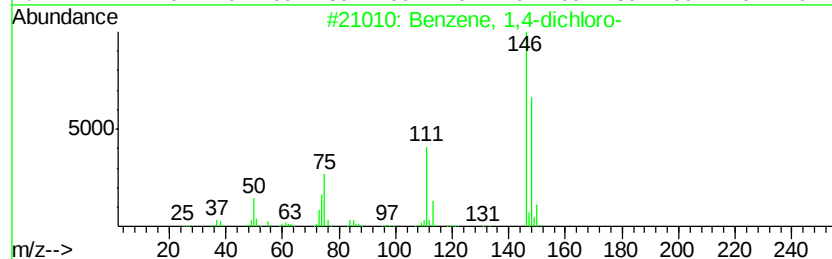
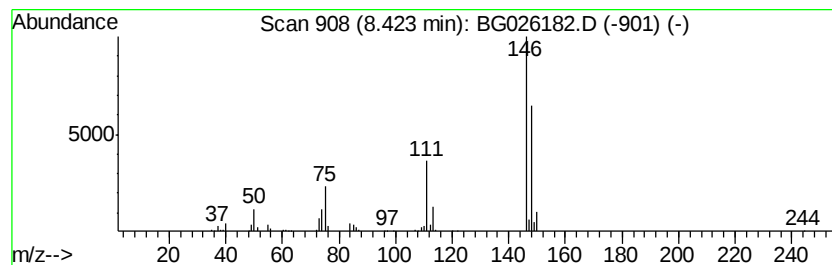
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzene, 1,4-dichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	6.42 ng/ul	178579	1,4-Dichlorobenzene-d4	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	98
2		Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	97
3		Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	96
4		Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	96
5		Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	96



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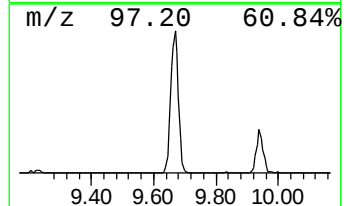
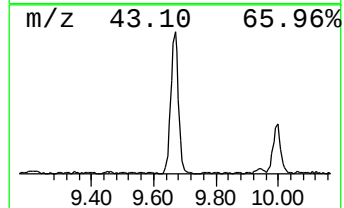
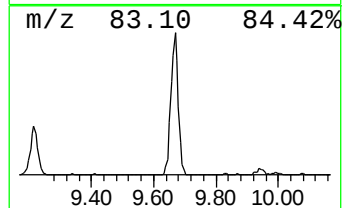
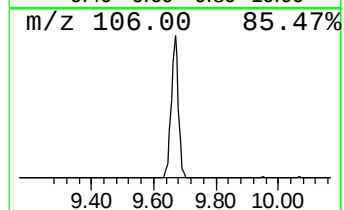
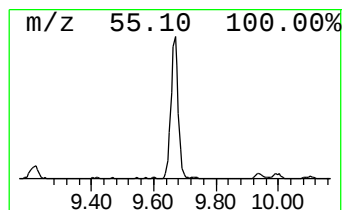
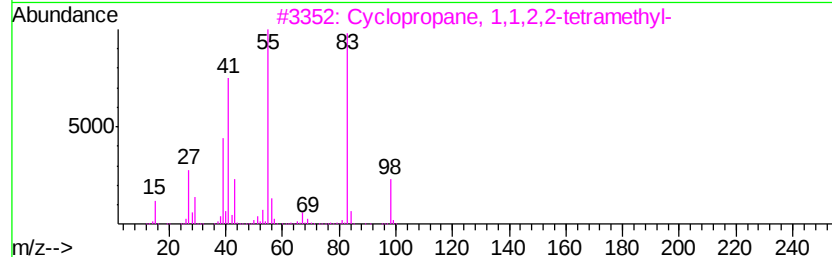
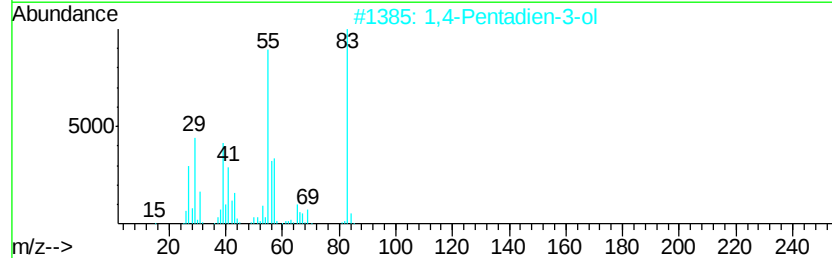
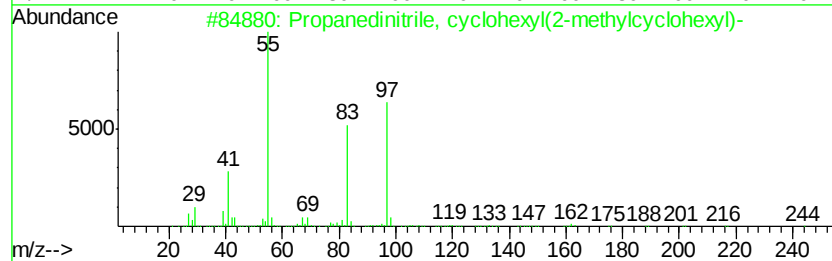
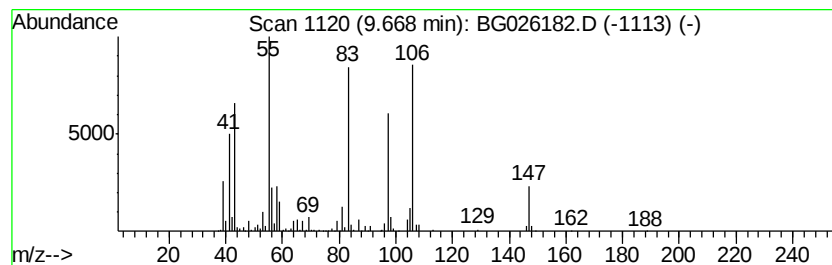
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030717MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	10.37 ng/ul	435730	Naphthalene-d8	10.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanedinitrile, cyclohexyl(2-m...	244	C16H24N2	074764-55-9	25
2		1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	25
3		Cyclopropane, 1,1,2,2-tetramethyl-	98	C7H14	004127-47-3	22
4		2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	22
5		1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	22



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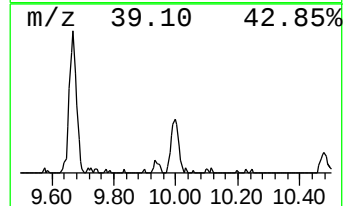
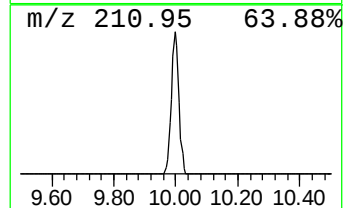
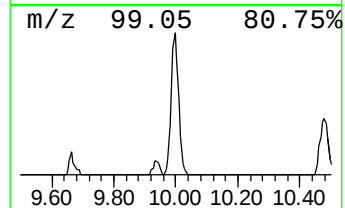
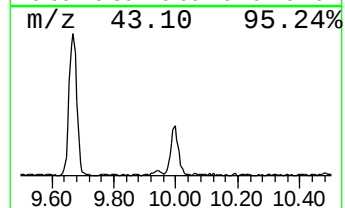
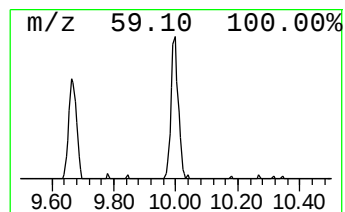
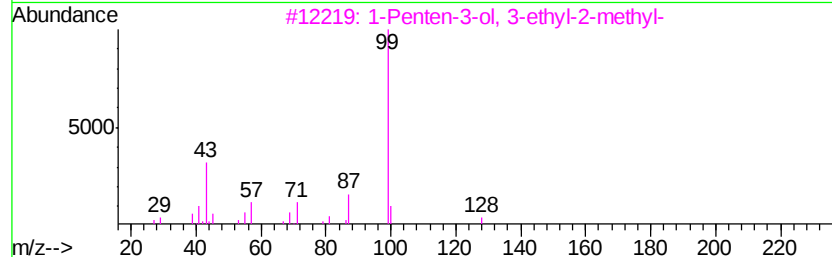
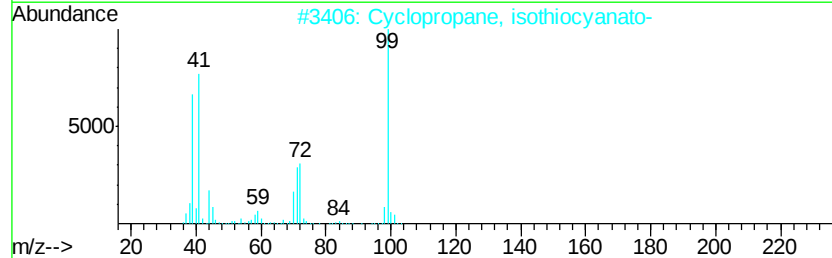
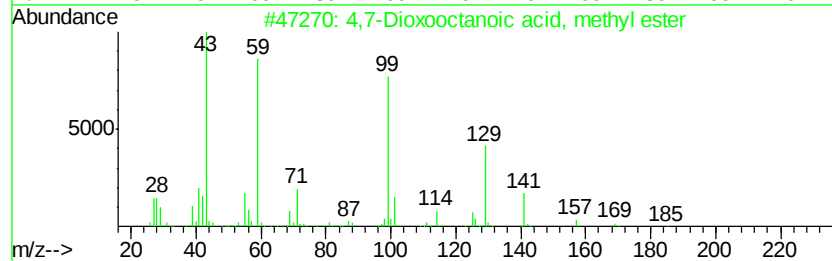
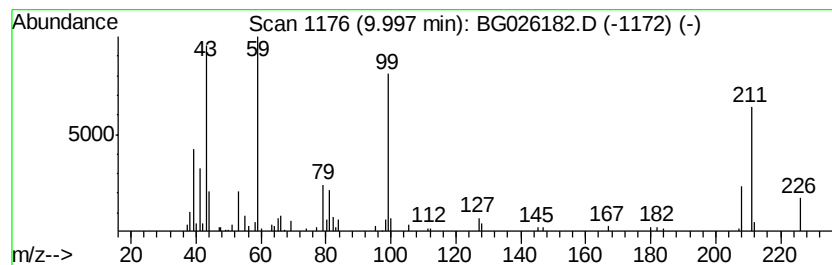
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	2.45 ng/ul	102820	Naphthalene-d8	10.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,7-Dioxooctanoic acid, methyl e...	186	C9H14O4	061426-50-4	32
2		Cyclopropane, isothiocyanato-	99	C4H5NS	056601-42-4	14
3		1-Penten-3-ol, 3-ethyl-2-methyl-	128	C8H16O	028832-46-4	14
4		Anhydro-5-mercapto-2-methyl-3-ph...	208	C9H8N2S2	1000256-60-7	12
5		Allyl Isothiocyanate	99	C4H5NS	000057-06-7	11



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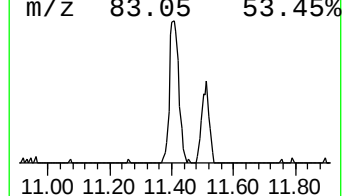
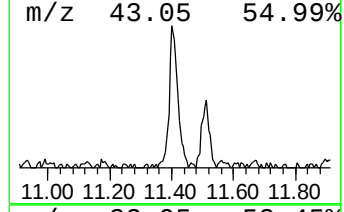
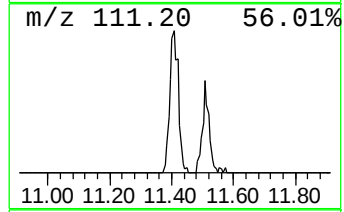
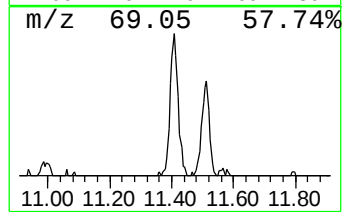
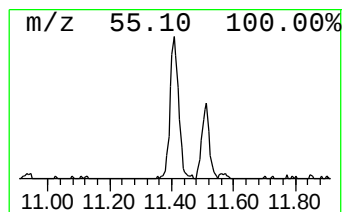
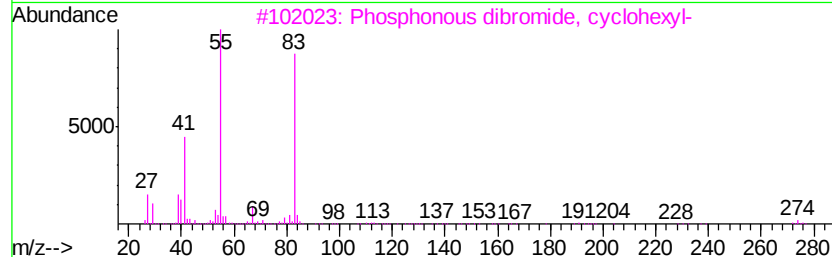
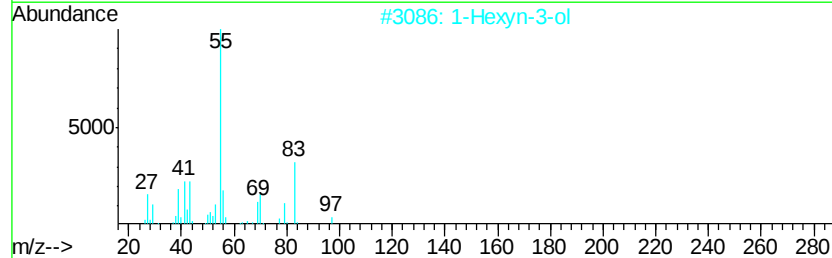
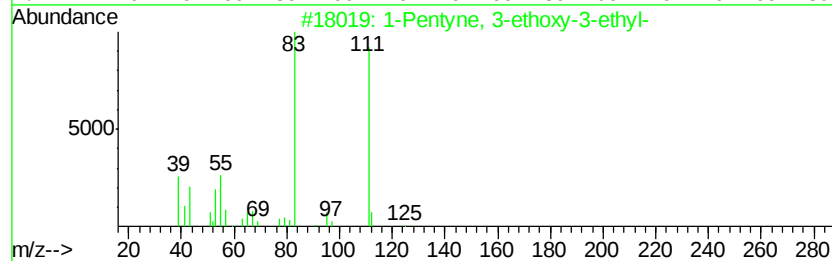
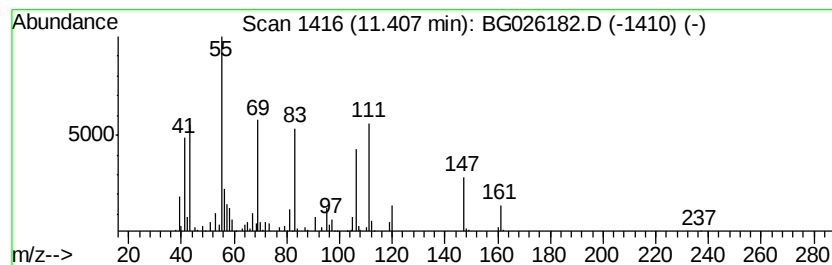
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown-03 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	3.74 ng/ul	157252	Naphthalene-d8	10.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Pentyne, 3-ethoxy-3-ethyl-	140	C9H16O	053966-56-6	27
2		1-Hexyn-3-ol	98	C6H10O	000105-31-7	22
3		Phosphonous dibromide, cyclohexyl-	272	C6H11Br2P	086012-32-0	14
4		Cyclohexane, (1,2-dimethylpropyl)-	154	C11H22	051284-29-8	14
5		3-Hexene, 2,3-dimethyl-	112	C8H16	007145-23-5	14



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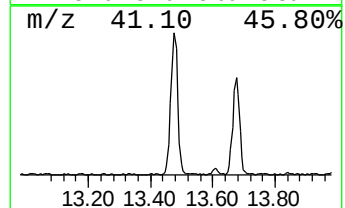
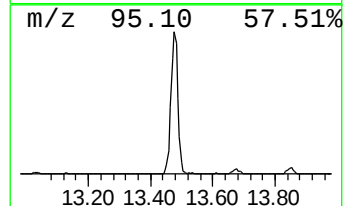
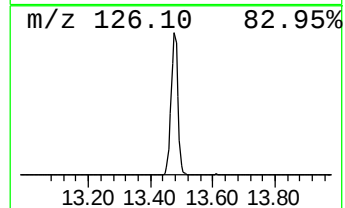
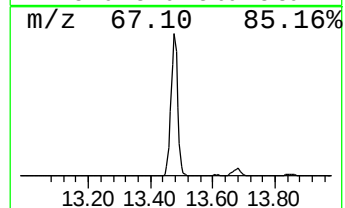
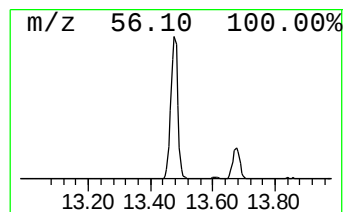
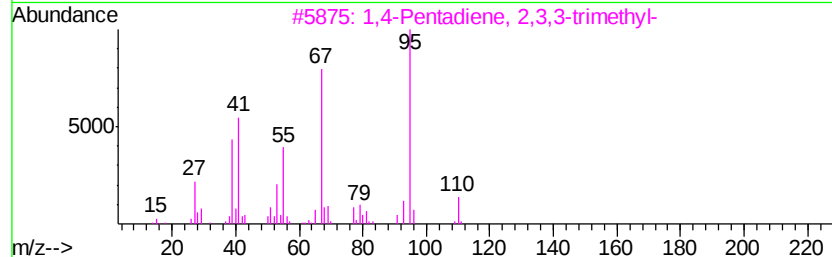
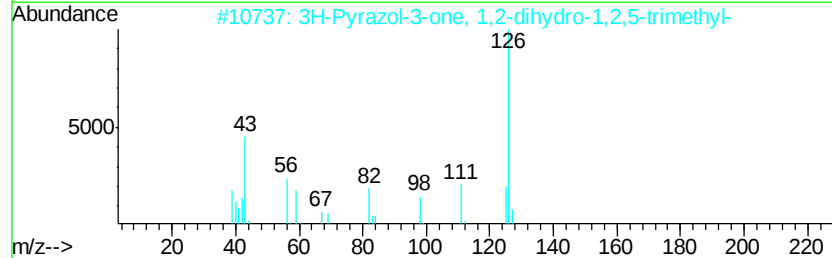
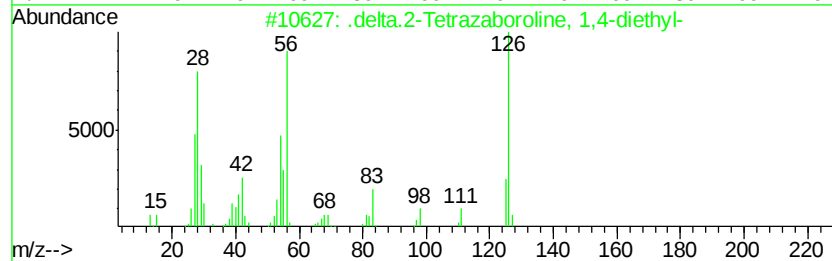
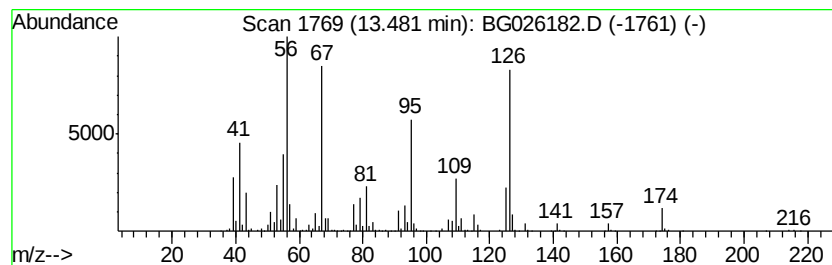
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TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown-04 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	14.42 ng/ul	910822	Acenaphthene-d10	14.67

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.	delta.2-Tetrazaboroline, 1,4-di...	126	C4H11BN4	019258-82-3	43
2	3H-Pyrazol-3-one, 1,2-dihydro-1,...	126	C6H10N2O	003201-26-1	22	
3	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	22	
4	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	22	
5	2,3-Diazabicyclo[2.2.1]hept-2-en...	138	C8H14N2	1000142-83-5	14	



Data Path : Z:\HPCHEM1\BNA_G\Data\BG031017\
Data File : BG026182.D
Acq On : 10 Mar 2017 20:43
Operator : SJ/MA
Sample : I2180-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

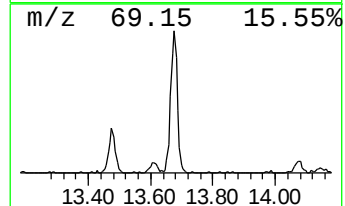
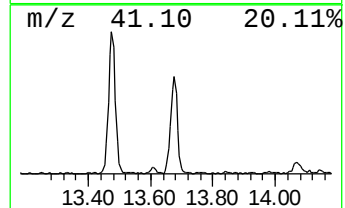
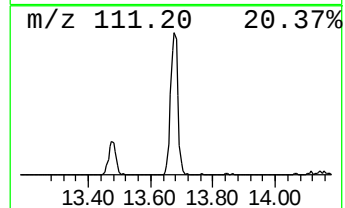
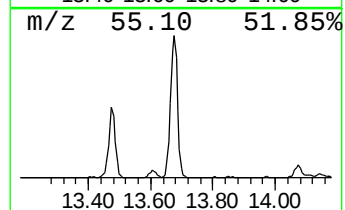
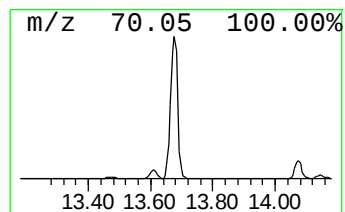
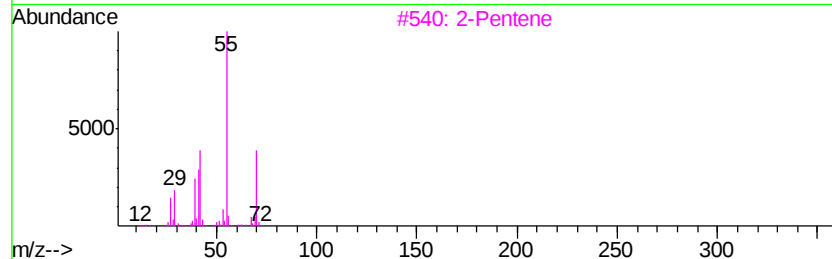
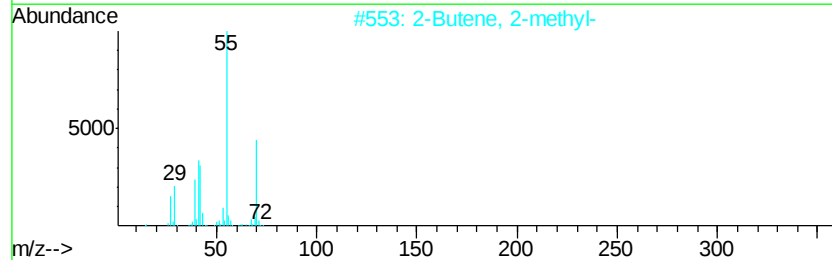
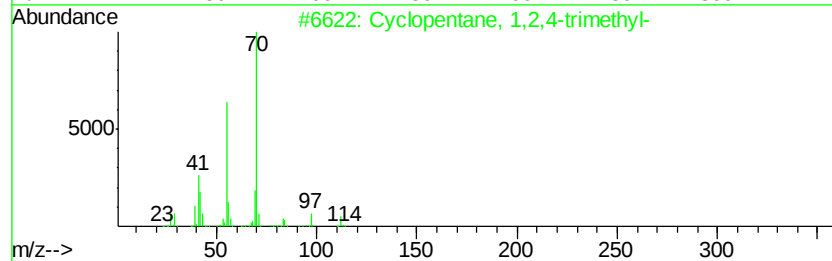
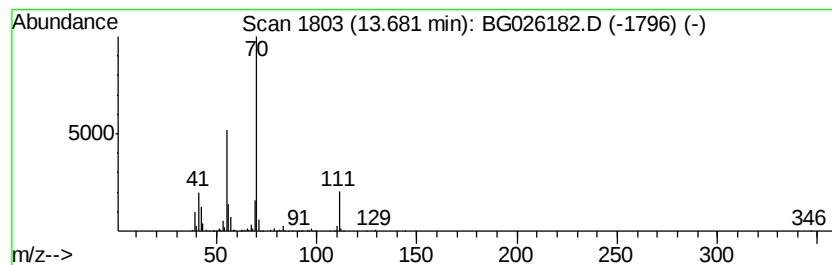
Instrument :
BNA_G
ClientSampleId :
C0BG4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030717MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Cyclic13.68 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	8.18 ng/ul	516382	Acenaphthene-d10	14.67
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopentane, 1,2,4-trimethyl-	112 C8H16	002815-58-9 64
2		2-Butene, 2-methyl-	70 C5H10	000513-35-9 59
3		2-Pentene	70 C5H10	000109-68-2 59
4		Cyclopentane, 1,2,4-trimethyl-, ...	112 C8H16	004850-28-6 50
5		2,3-Dimethyl-1-hexene	112 C8H16	016746-86-4 45



Data Path : Z:\HPCHEM1\BNA_G\Data\BG031017\
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Sample : I2180-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0BG4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030717MA.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
Benzene, 1,4-dich...	8.42	6.4	ng/ul	178579	1	8.06	556639	20.0
unknown-01	9.67	10.4	ng/ul	435730	2	10.86	840062	20.0
unknown-02	10.00	2.5	ng/ul	102820	2	10.86	840062	20.0
unknown-03	11.41	3.7	ng/ul	157252	2	10.86	840062	20.0
unknown-04	13.48	14.4	ng/ul	910822	3	14.67	1263170	20.0
(DEL) Alkane: Cyc...	13.68	8.2	ng/ul	516382	3	14.67	1263170	20.0