

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031819\
 Data File : BG039984.D
 Acq On : 19 Mar 2019 00:32
 Operator : JU/SJ
 Sample : K1932-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-5

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % 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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.194	13	18	26	rBV	233196	438365	13.45%	2.629%
2	3.271	26	31	47	rVB	472238	702992	21.56%	4.216%
3	5.691	436	443	453	rVB	362941	574534	17.62%	3.446%
4	7.289	707	715	727	rBV	233563	417416	12.80%	2.504%
5	7.671	772	780	789	rBV	645920	1118663	34.31%	6.710%
6	8.147	853	861	871	rBV	151925	260810	8.00%	1.564%
7	8.470	907	916	925	rBV	579788	1033835	31.71%	6.201%
8	9.321	1053	1061	1070	rBV	516168	948674	29.10%	5.690%
9	10.449	1245	1253	1260	rBV3	29852	57127	1.75%	0.343%
10	10.966	1333	1341	1350	rVB	203092	365027	11.20%	2.189%
11	13.392	1747	1754	1761	rBV	1446267	2251055	69.04%	13.502%
12	13.710	1802	1808	1821	rBV2	39732	69014	2.12%	0.414%
13	14.215	1889	1894	1900	rVB	26273	39176	1.20%	0.235%
14	14.773	1982	1989	1996	rBV2	332909	528776	16.22%	3.172%
15	16.259	2235	2242	2252	rBV	1110863	1684926	51.68%	10.106%
16	16.371	2256	2261	2269	rBV3	75855	115849	3.55%	0.695%
17	17.516	2449	2456	2462	rBV2	423502	654990	20.09%	3.929%
18	18.362	2595	2600	2609	rBV5	33299	65190	2.00%	0.391%
19	18.450	2611	2615	2626	rVB	101695	169868	5.21%	1.019%
20	20.113	2892	2898	2912	rBV	2360309	3260335	100.00%	19.555%
21	21.399	3113	3117	3126	rVB10	25987	66533	2.04%	0.399%
22	21.523	3132	3138	3145	rBV	76309	146392	4.49%	0.878%
23	21.799	3179	3185	3194	rVB	416692	720983	22.11%	4.324%
24	23.279	3431	3437	3443	rBV3	43337	90812	2.79%	0.545%
25	23.479	3466	3471	3477	rBV3	32376	62553	1.92%	0.375%
26	24.113	3574	3579	3586	rVB6	16625	36161	1.11%	0.217%
27	25.088	3739	3745	3748	rBV6	22238	46443	1.42%	0.279%
28	25.165	3749	3758	3771	rVB2	229941	709231	21.75%	4.254%
29	26.269	3940	3946	3952	rBV9	16993	36876	1.13%	0.221%

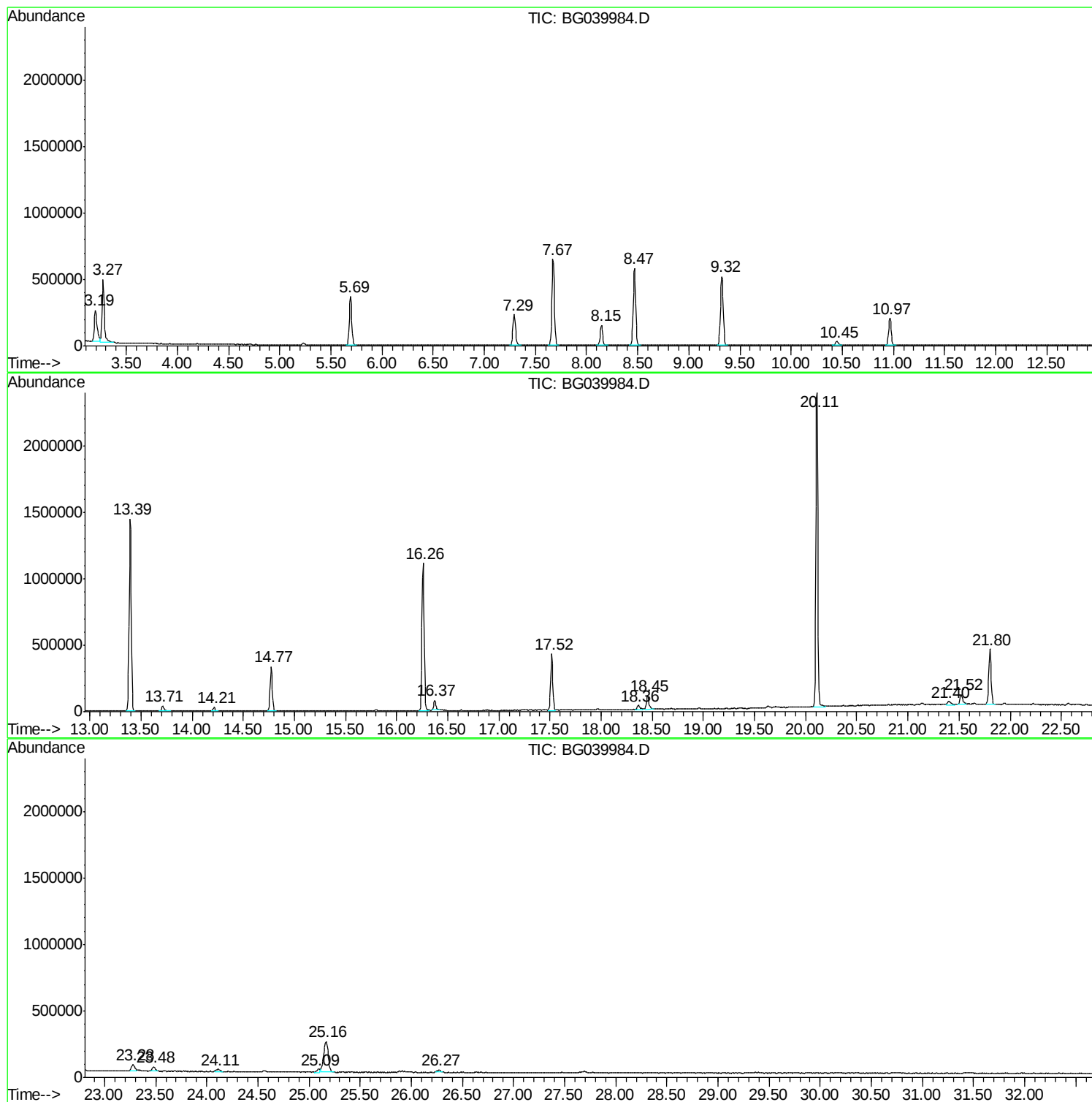
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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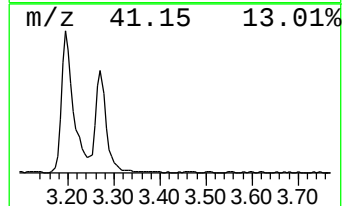
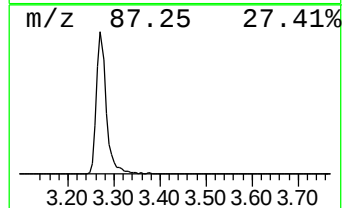
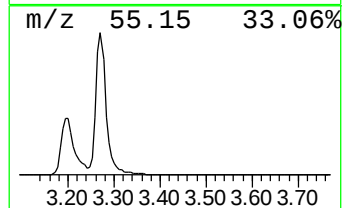
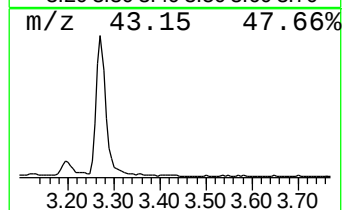
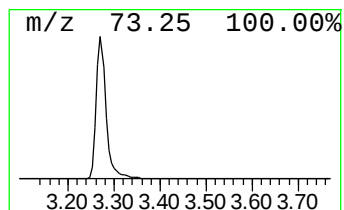
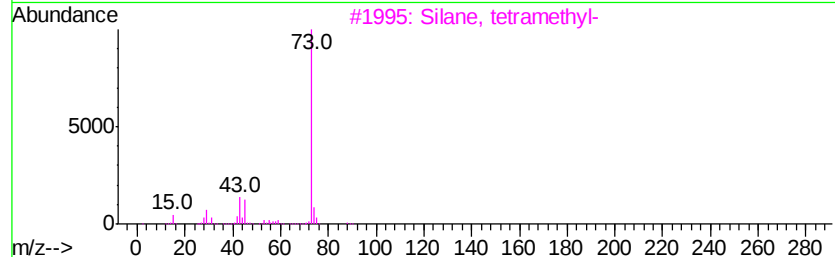
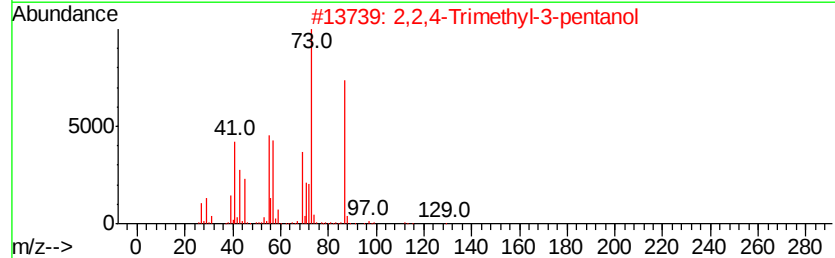
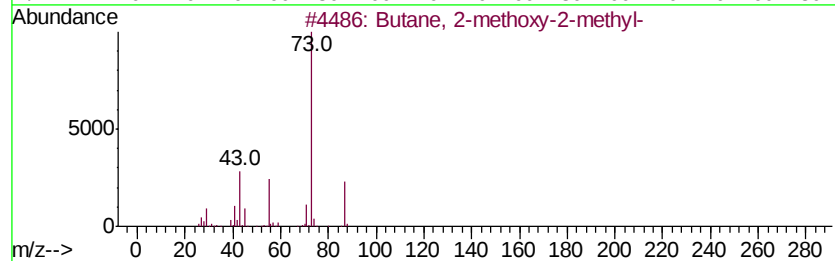
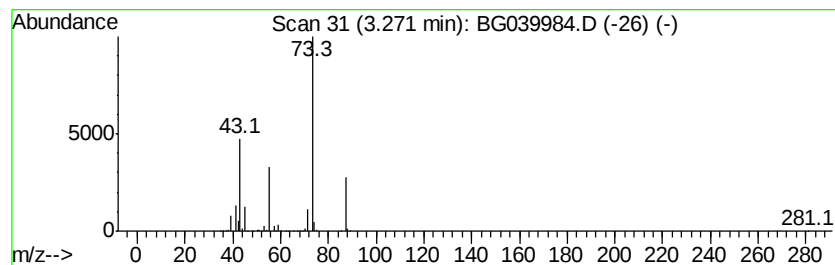
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.27	53.91 ng	702992	1,4-Dichlorobenzene-d4	8.15

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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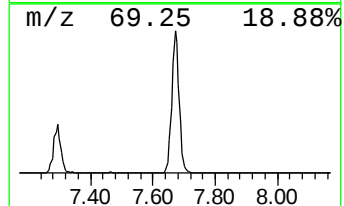
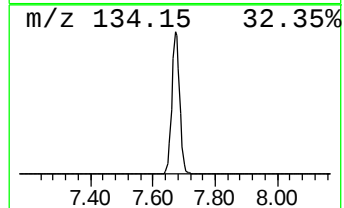
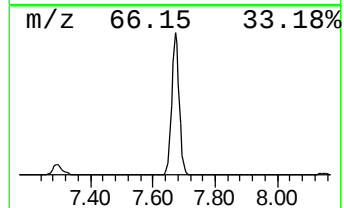
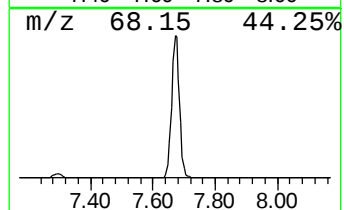
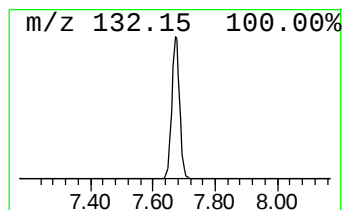
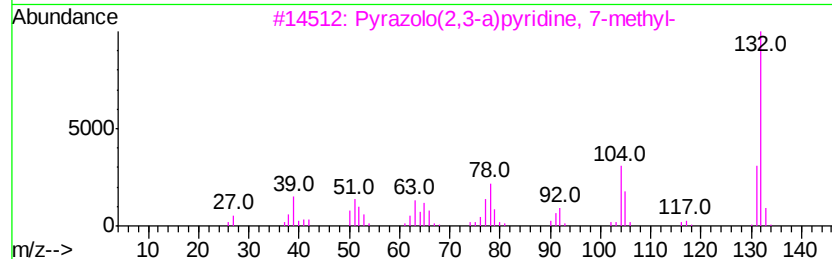
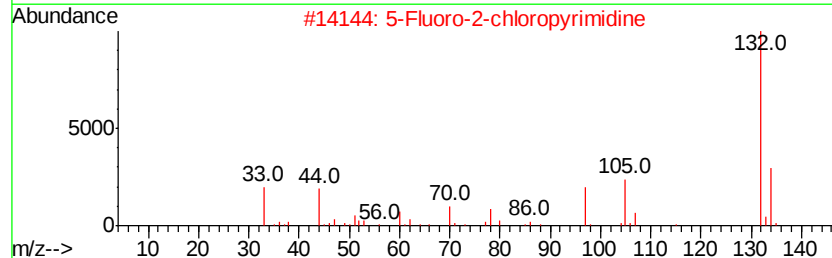
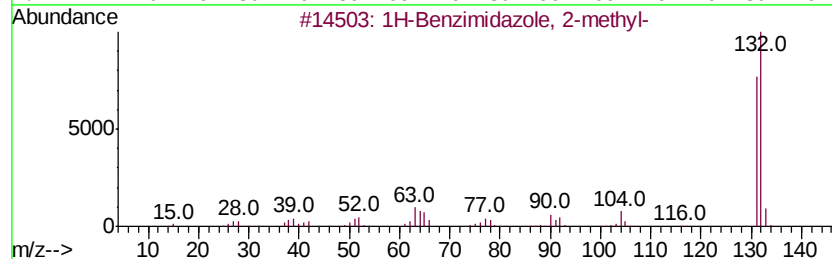
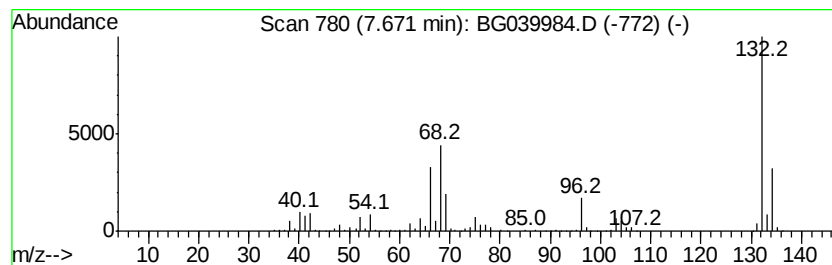
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Peak Number 3 unknown7.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	85.78 ng	1118660	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	10
4		(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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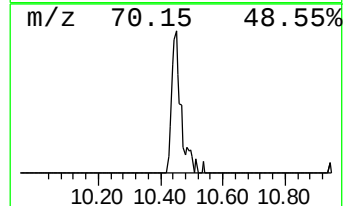
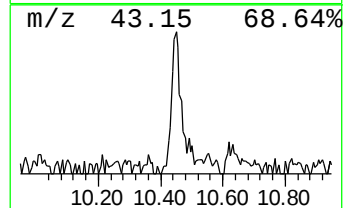
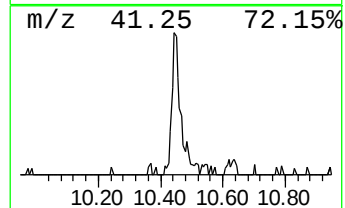
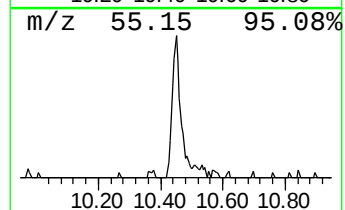
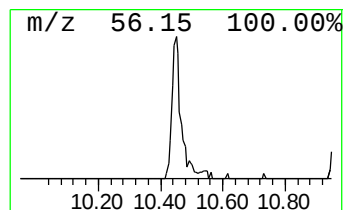
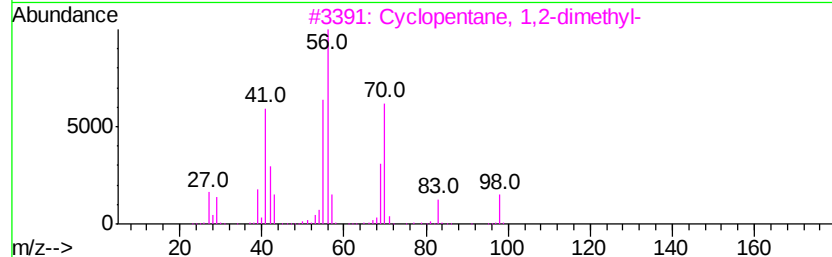
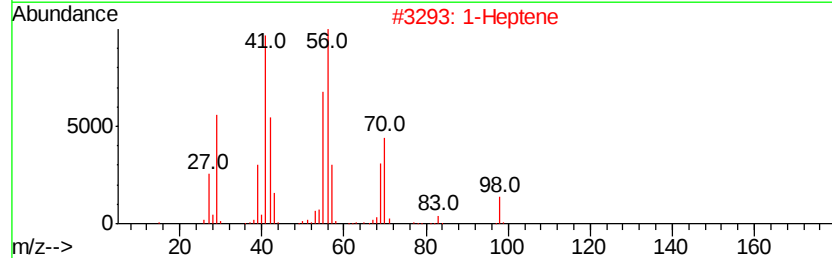
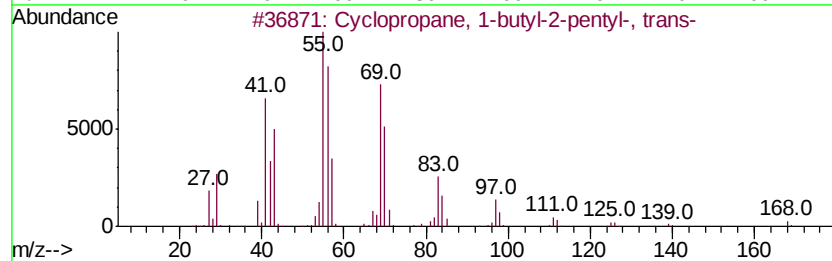
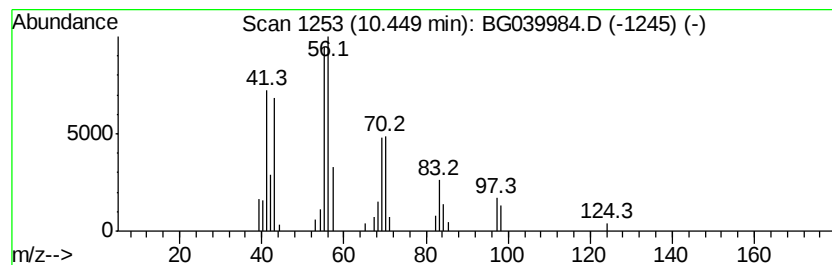
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Peak Number 5 Cyclopropane, 1-butyl-2-pen... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	3.13 ng	57127	Naphthalene-d8	10.97

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopropane, 1-butyl-2-pentyl-,...	168	C12H24	074663-87-9	83
2		1-Heptene	98	C7H14	000592-76-7	64
3		Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	64
4		1-Octanol	130	C8H18O	000111-87-5	59
5		Cyclopropane, pentyl-	112	C8H16	002511-91-3	59



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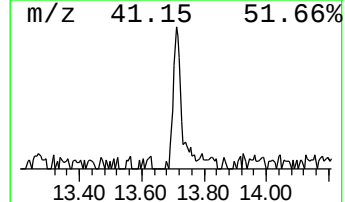
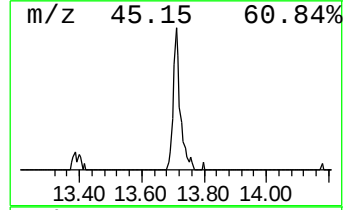
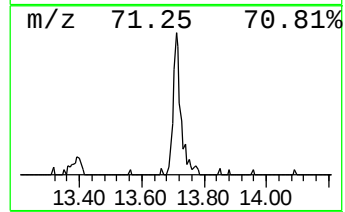
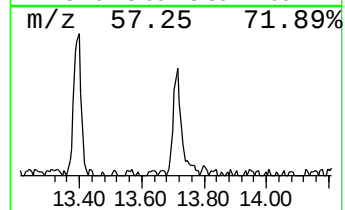
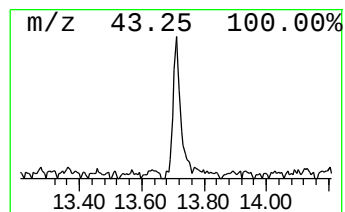
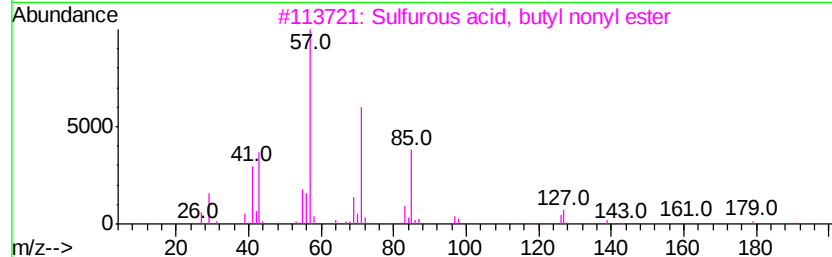
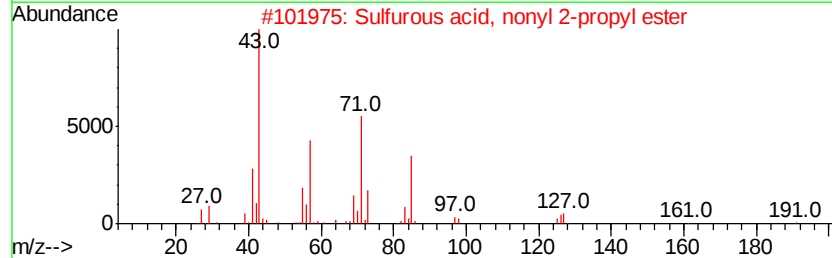
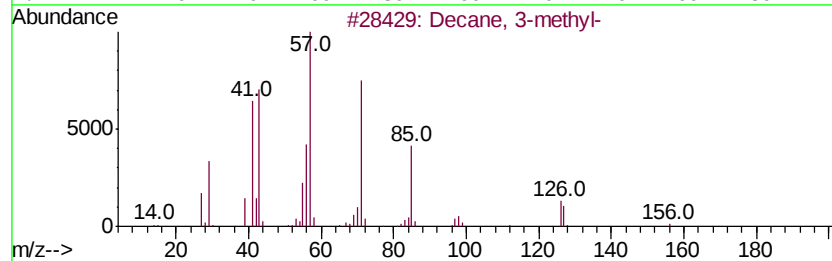
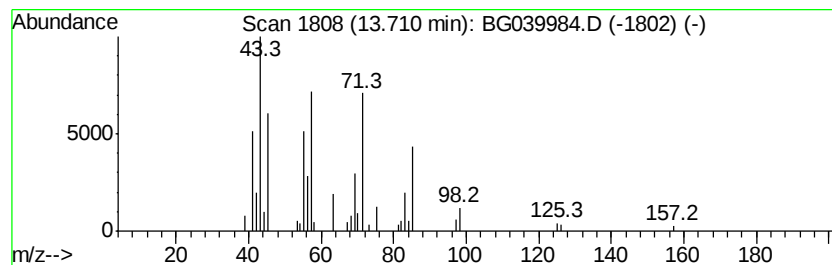
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Peak Number 6 unknown13.71 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	2.61 ng	69014	Acenaphthene-d10	14.77

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 3-methyl-	156	C11H24	013151-34-3	38
2		Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	38
3		Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	35
4		Nonane, 5-butyl-	184	C13H28	017312-63-9	35
5		Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	27



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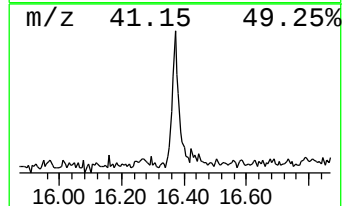
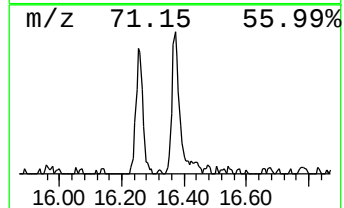
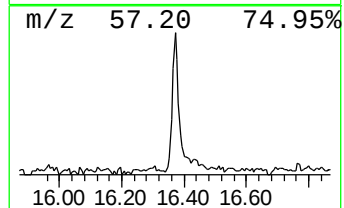
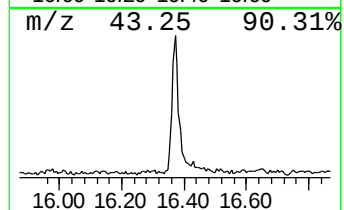
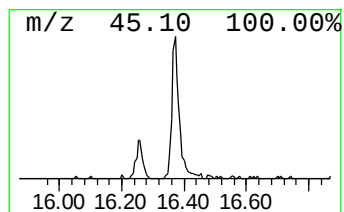
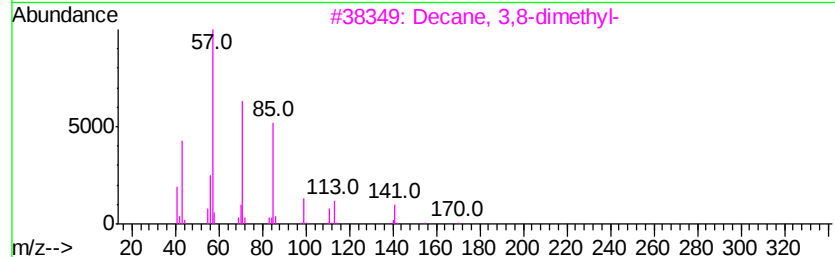
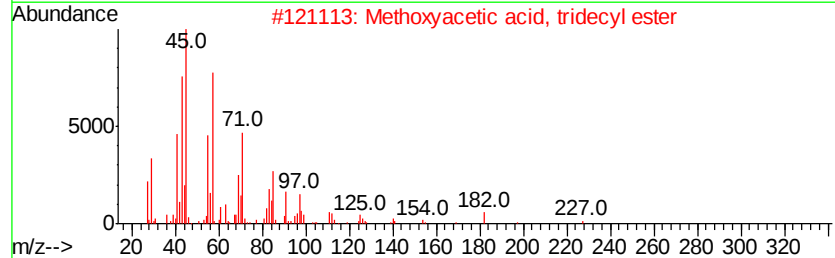
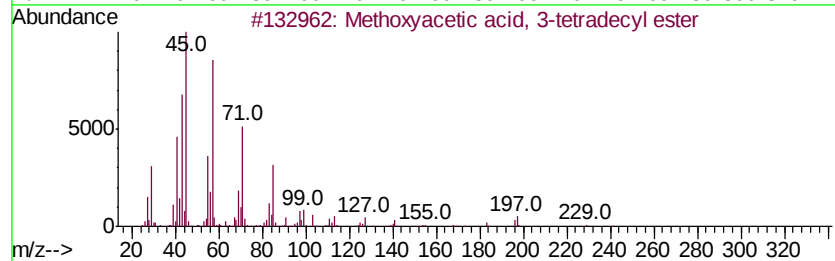
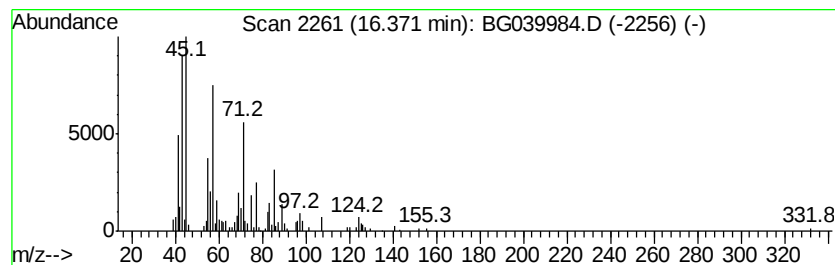
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Peak Number 7 Methoxyacetic acid, 3-tetra... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	3.54 ng	115849	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methoxyacetic acid, 3-tetradecyl...	286	C17H34O3	1000282-04-9	72
2	Methoxyacetic acid, tridecyl ester	272	C16H32O3	1000281-82-0	53
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	27
4	2,6-Dimethyldecane	170	C12H26	013150-81-7	27
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	27



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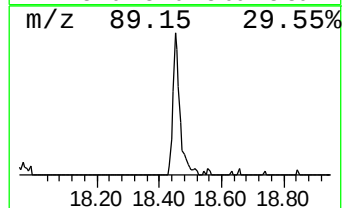
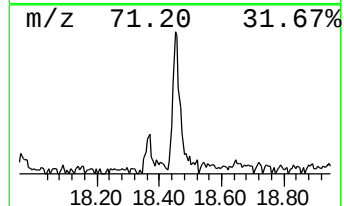
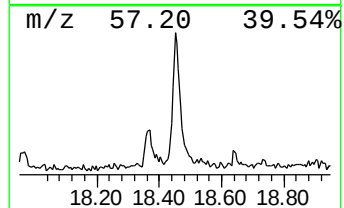
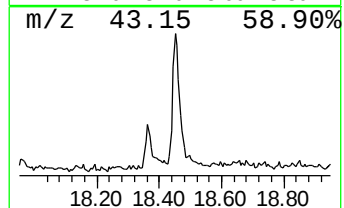
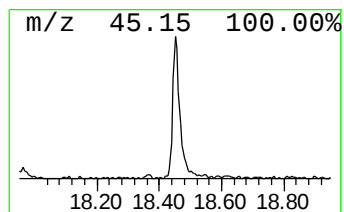
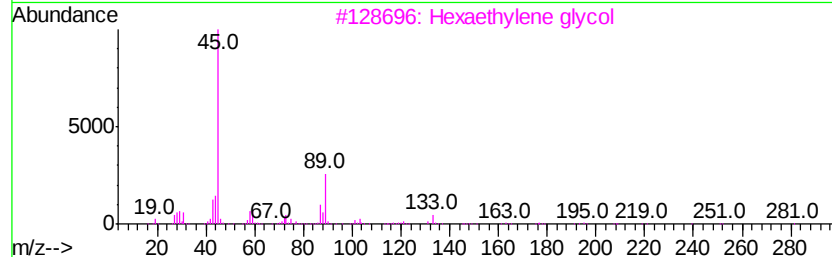
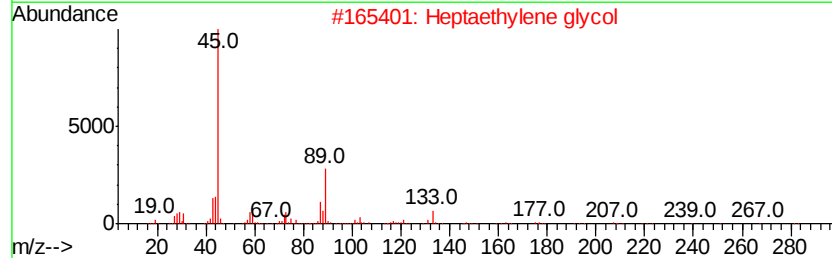
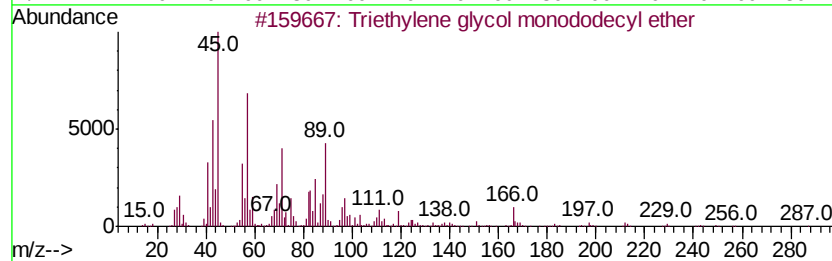
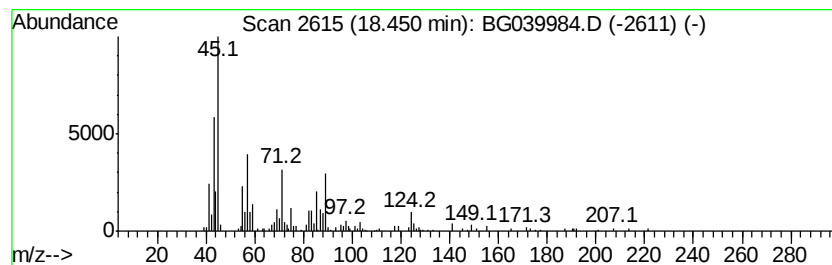
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Triethylene glycol monododecyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.45	5.19 ng	169868	Phenanthrene-d10	17.52

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Triethylene glycol monododecyl e...	318	C18H38O4	003055-94-5	78
2		Heptaethylene glycol	326	C14H30O8	005617-32-3	64
3		Hexaethylene glycol	282	C12H26O7	002615-15-8	59
4		Pentaethylene glycol	238	C10H22O6	004792-15-8	59
5		2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031819\
Data File : BG039984.D
Acq On : 19 Mar 2019 00:32
Operator : JU/SJ
Sample : K1932-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TW-5

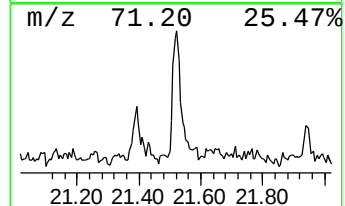
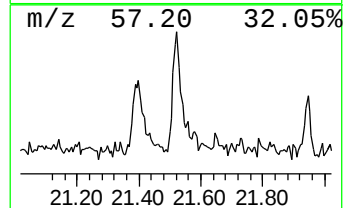
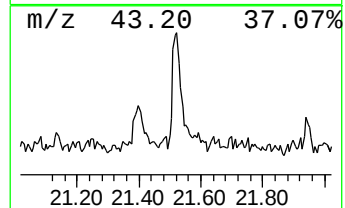
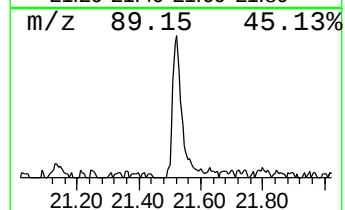
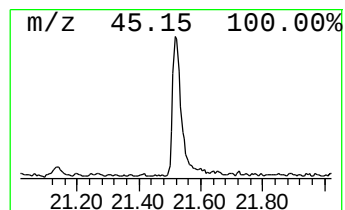
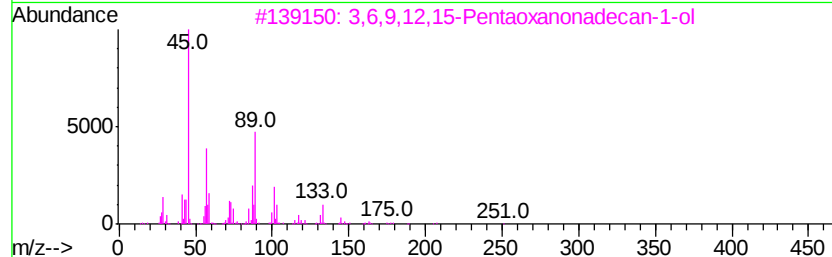
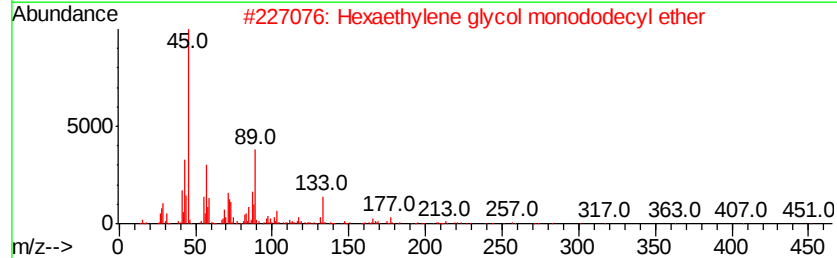
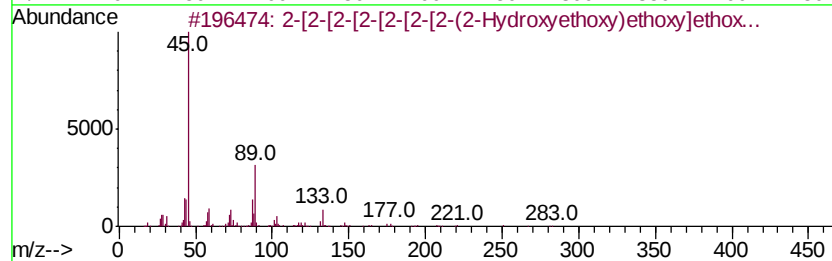
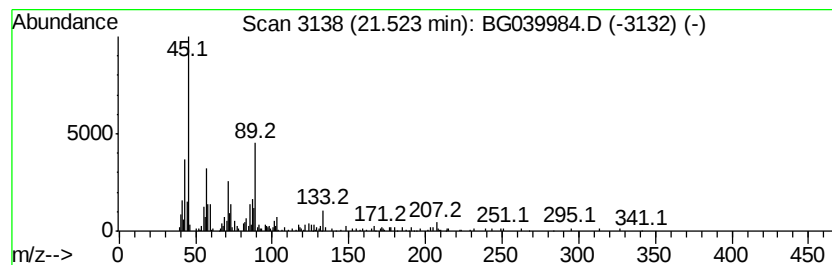
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Hexaethylene glycol monododecyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.52	4.06 ng	146392	Chrysene-d12	21.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2	-[2-[2-[2-[2-[2-(2-Hydroxvet...	370	C16H34O9	005117-19-1	87	
2	Hexaethylene glycol monododecyl ...	450	C24H50O7	003055-96-7	83		
3	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	80		
4	Cyclohexyl-15-crown-5	274	C14H26O5	017454-48-7	80		
5	2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	1000352-12-5	80		



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031819\
Data File : BG039984.D
Acq On : 19 Mar 2019 00:32
Operator : JU/SJ
Sample : K1932-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TW-5

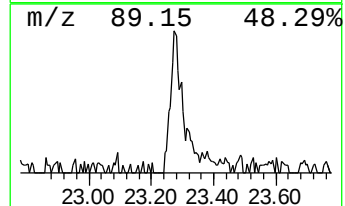
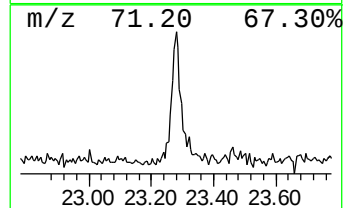
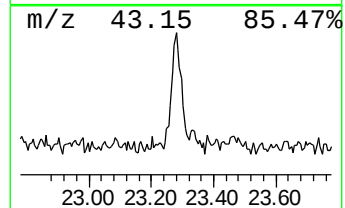
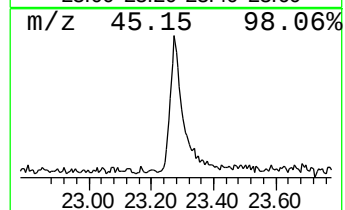
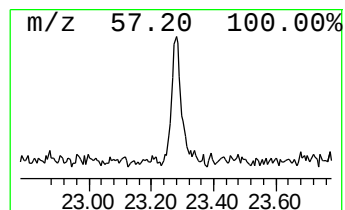
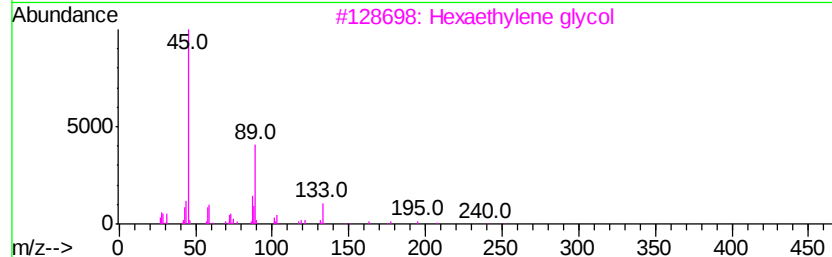
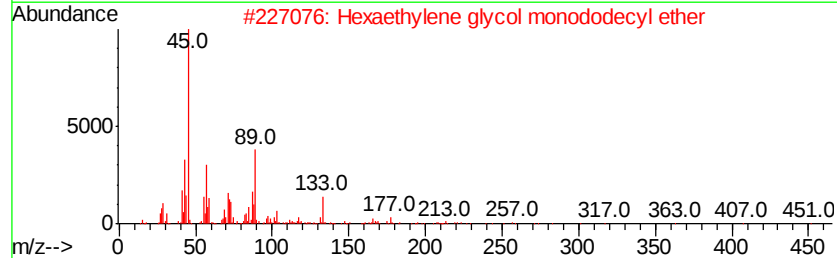
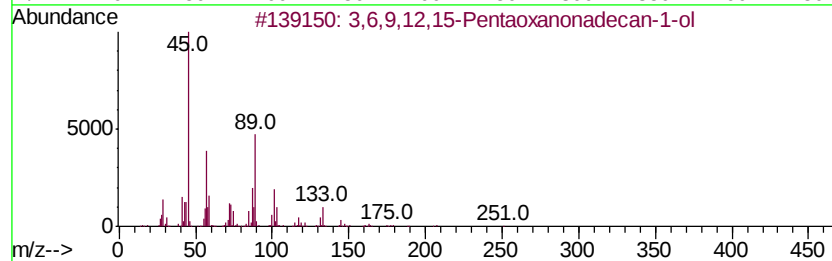
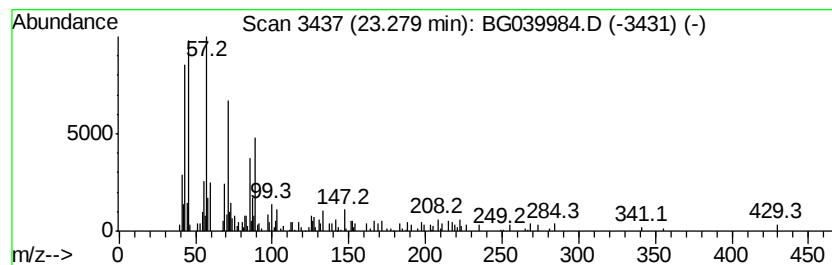
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 3,6,9,12,15-Pentaoxanonadec... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.28	2.52 ng	90812	Chrysene-d12	21.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	53		
2	Hexaethylene glycol monododecyl ...	450	C24H50O7	003055-96-7	43		
3	Hexaethylene glycol	282	C12H26O7	002615-15-8	43		
4	2-[2-[2-[2-[2-[2-(2-Hydroxyvet...	370	C16H34O9	005117-19-1	38		
5	Benzeneacetic acid, 4-(4H-1,2,4-...	203	C10H9N3O2	1000362-69-0	38		



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031819\
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Acq On : 19 Mar 2019 00:32
Operator : JU/SJ
Sample : K1932-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TW-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
Butane, 2-methoxy...	3.27	53.9	ng	702992	1	8.15	260810	20.0
unknown7.67	7.67	85.8	ng	1118660	1	8.15	260810	20.0
Cyclopropane, 1-b...	10.45	3.1	ng	57127	2	10.97	365027	20.0
unknown13.71	13.71	2.6	ng	69014	3	14.77	528776	20.0
Methoxyacetic aci...	16.37	3.5	ng	115849	4	17.52	654990	20.0
Triethylene glyco...	18.45	5.2	ng	169868	4	17.52	654990	20.0
Hexaethylene glyc...	21.52	4.1	ng	146392	5	21.80	720983	20.0
3,6,9,12,15-Penta...	23.28	2.5	ng	90812	5	21.80	720983	20.0