

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022619\
 Data File : BG039610.D
 Acq On : 26 Feb 2019 21:19
 Operator : JU/SJ
 Sample : K1594-31
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-4B(14-15)

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-BG012919.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	3.217	17	22	31	rBV2	69376	138269	3.28%	0.572%
2	3.294	31	35	41	rVB	54383	72924	1.73%	0.302%
3	5.714	439	447	455	rBV	1108110	1768010	41.92%	7.316%
4	7.318	709	720	732	rBV	1132383	2014629	47.77%	8.337%
5	7.694	776	784	795	rBV	1050055	1836693	43.55%	7.600%
6	8.170	858	865	874	rBV	188581	327364	7.76%	1.355%
7	8.493	912	920	932	rBV	751501	1303796	30.91%	5.395%
8	9.344	1057	1065	1076	rBV	654891	1170520	27.75%	4.844%
9	10.989	1337	1345	1352	rBV	267435	469128	11.12%	1.941%
10	13.415	1748	1758	1765	rBV	1703415	2643733	62.69%	10.940%
11	14.232	1890	1897	1904	rBV	122179	182636	4.33%	0.756%
12	14.790	1985	1992	1999	rBV2	429346	694474	16.47%	2.874%
13	16.276	2238	2245	2258	rBV	1581300	2368928	56.17%	9.803%
14	17.533	2452	2459	2471	rBV2	638416	955446	22.65%	3.954%
15	18.385	2598	2604	2617	rBV	117159	201515	4.78%	0.834%
16	20.124	2894	2900	2912	rBV	3063524	4217443	100.00%	17.452%
17	20.394	2941	2946	2950	rBV	37691	48574	1.15%	0.201%
18	20.894	3027	3031	3035	rBV	62579	76693	1.82%	0.317%
19	21.410	3114	3119	3130	rBV3	98928	197317	4.68%	0.817%
20	21.669	3157	3163	3168	rVB	132352	184121	4.37%	0.762%
21	21.822	3181	3189	3199	rVB	672269	1136552	26.95%	4.703%
22	21.969	3209	3214	3219	rVB	82325	117405	2.78%	0.486%
23	22.597	3316	3321	3329	rVB	84013	138658	3.29%	0.574%
24	23.320	3438	3444	3453	rVB	88740	176394	4.18%	0.730%
25	23.519	3471	3478	3487	rVB2	61868	126052	2.99%	0.522%
26	24.160	3580	3587	3594	rVB2	75428	154530	3.66%	0.639%
27	25.199	3747	3764	3780	rBV2	361475	1254427	29.74%	5.191%
28	26.339	3949	3958	3967	rVB4	39632	121460	2.88%	0.503%
29	27.755	4193	4199	4208	rVB10	20201	68120	1.62%	0.282%

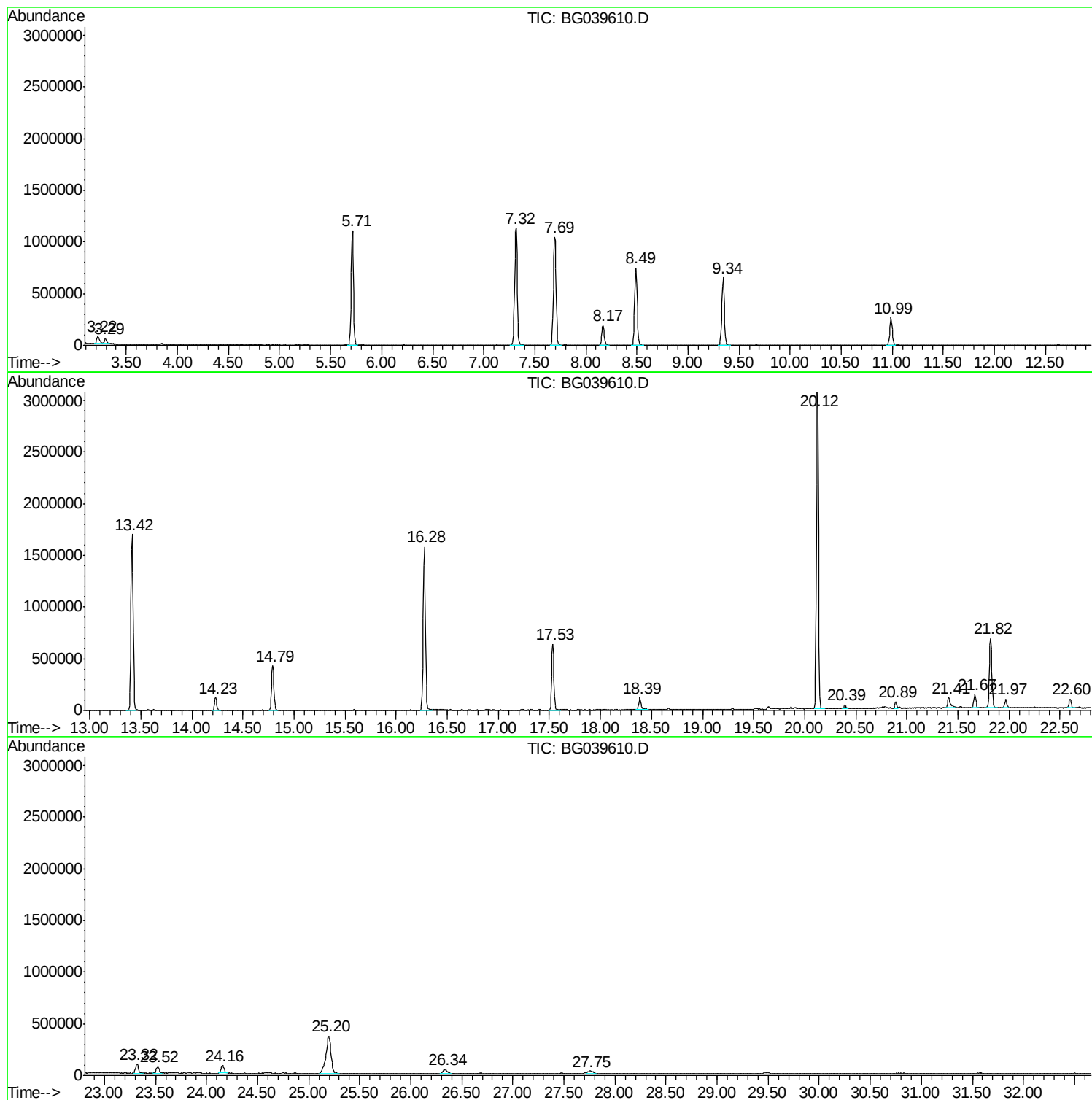
Sum of corrected areas: 24165811

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022619\
Data File : BG039610.D
Acq On : 26 Feb 2019 21:19
Operator : JU/SJ
Sample : K1594-31
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022619\
Data File : BG039610.D
Acq On : 26 Feb 2019 21:19
Operator : JU/SJ
Sample : K1594-31
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)

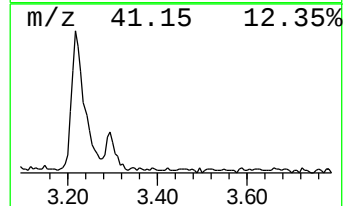
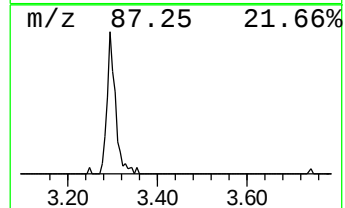
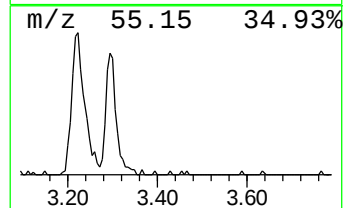
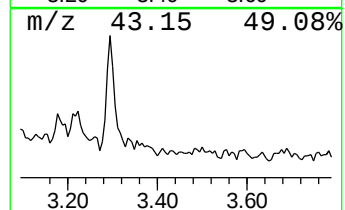
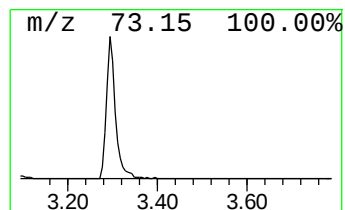
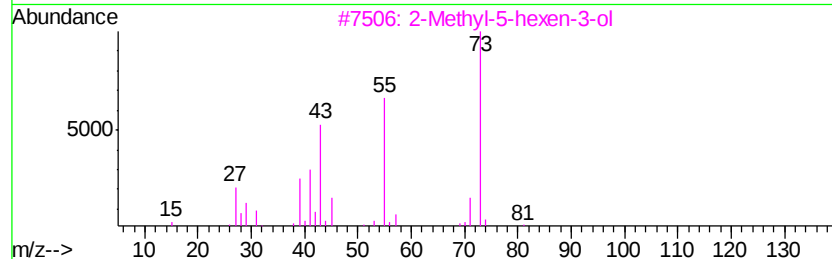
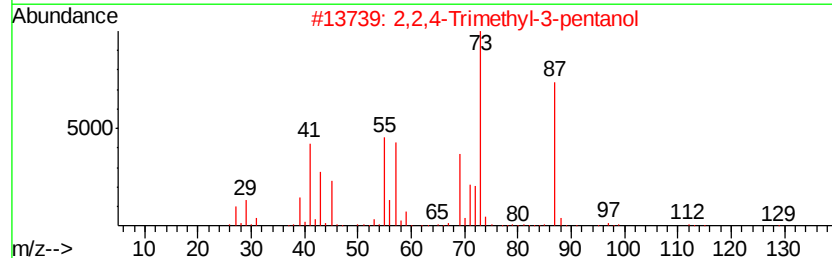
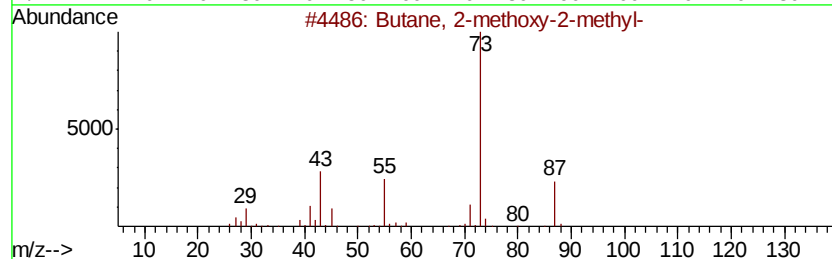
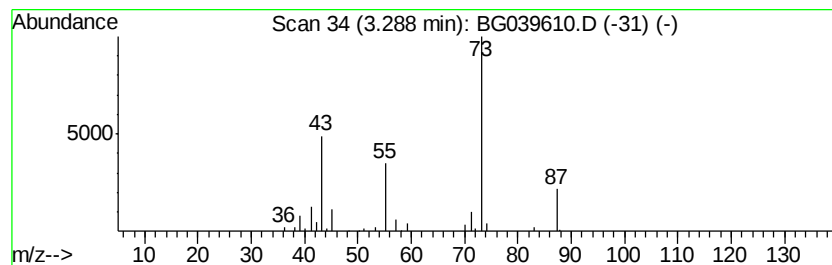
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.29	4.46 ng	72924	1,4-Dichlorobenzene-d4	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	37
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5		Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022619\
Data File : BG039610.D
Acq On : 26 Feb 2019 21:19
Operator : JU/SJ
Sample : K1594-31
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)

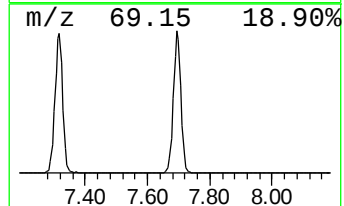
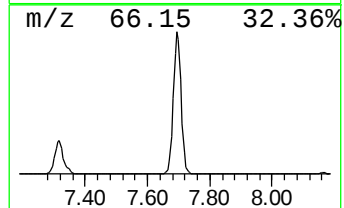
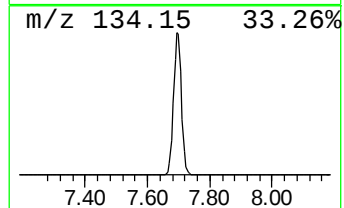
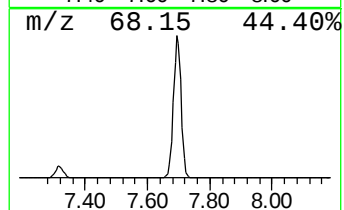
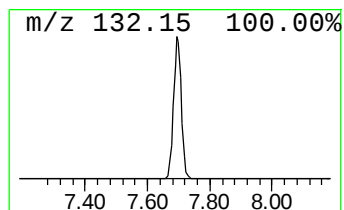
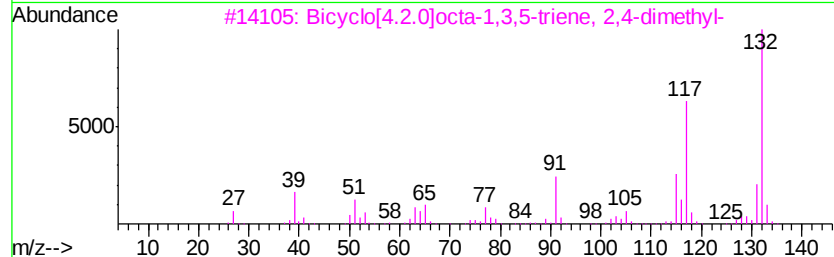
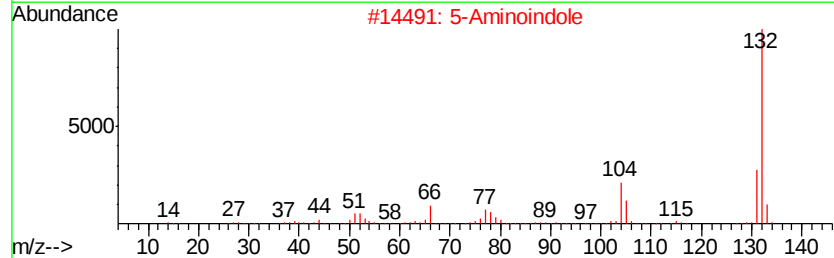
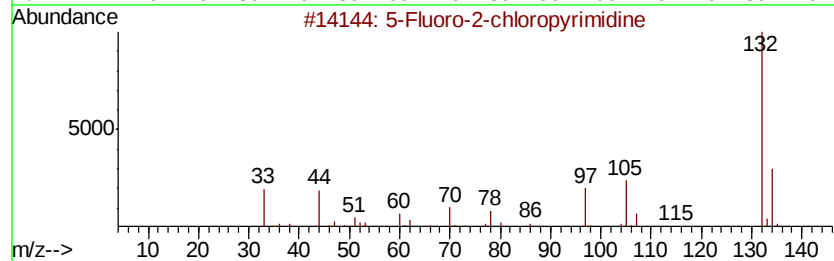
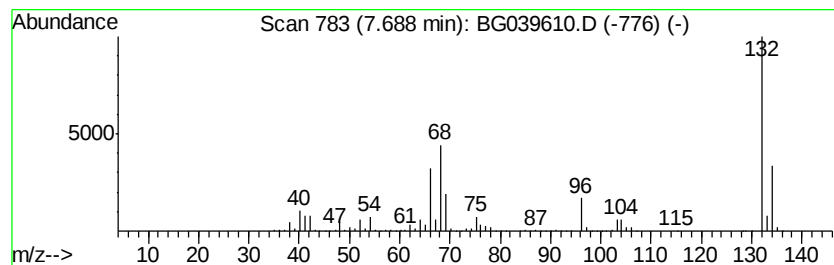
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown7.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	112.21 ng	1836690	1,4-Dichlorobenzene-d4	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022619\
Data File : BG039610.D
Acq On : 26 Feb 2019 21:19
Operator : JU/SJ
Sample : K1594-31
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)

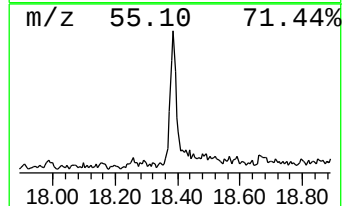
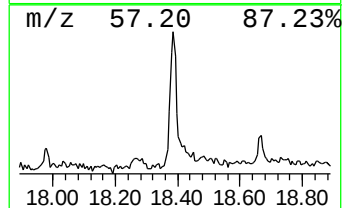
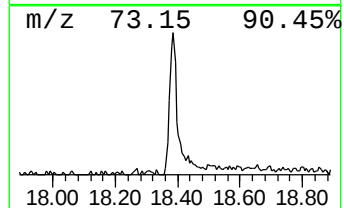
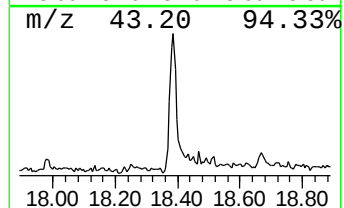
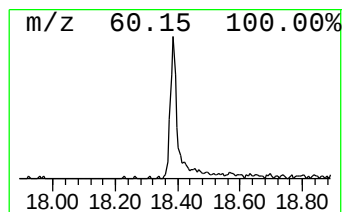
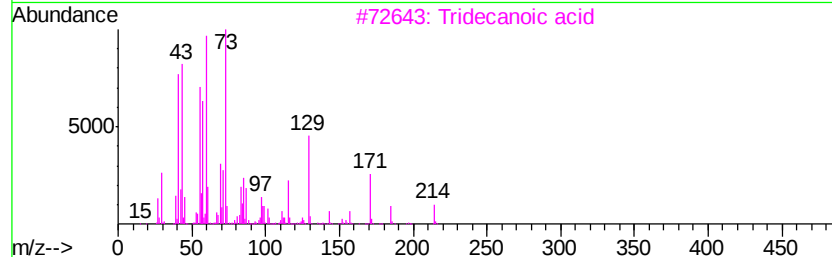
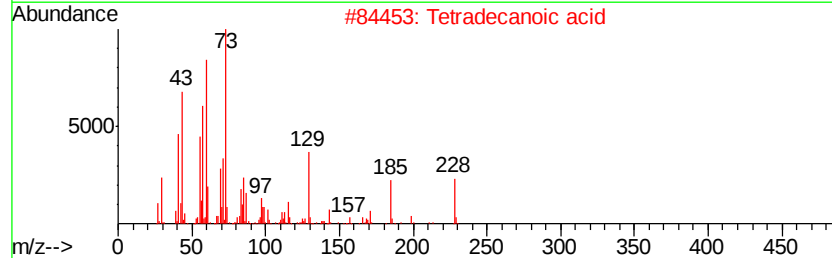
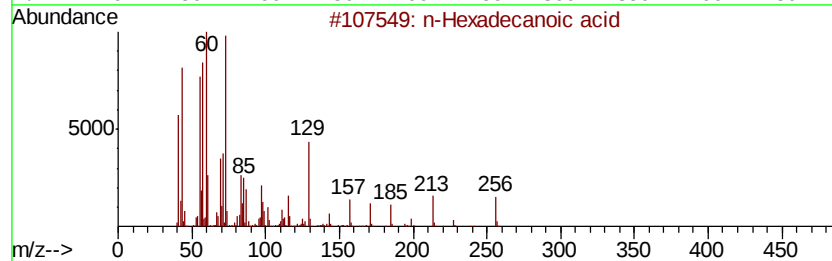
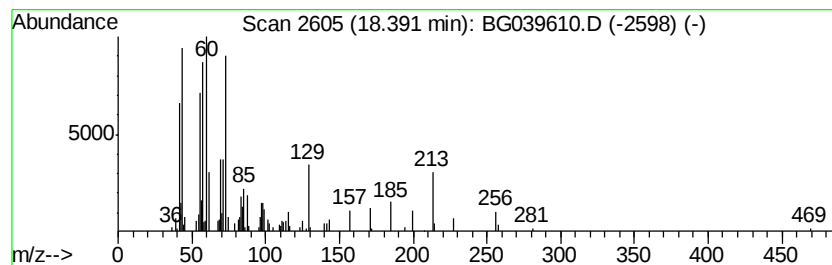
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	4.22 ng	201515	Phenanthrene-d10	17.53

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
3		Tridecanoic acid	214	C13H26O2	000638-53-9	70
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5		n-Decanoic acid	172	C10H20O2	000334-48-5	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022619\
Data File : BG039610.D
Acq On : 26 Feb 2019 21:19
Operator : JU/SJ
Sample : K1594-31
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)

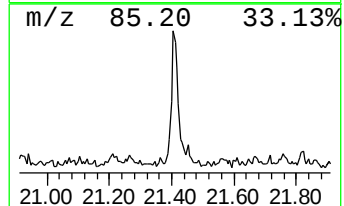
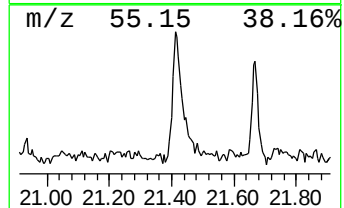
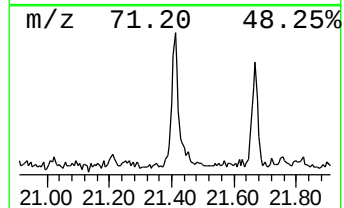
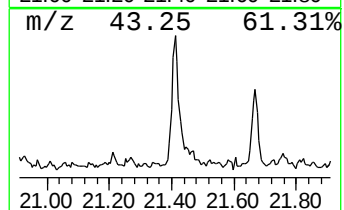
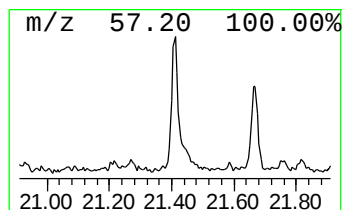
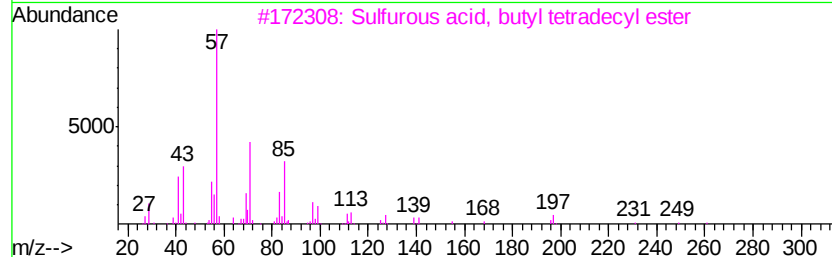
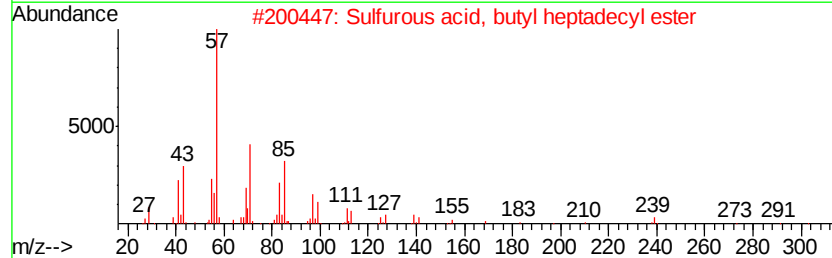
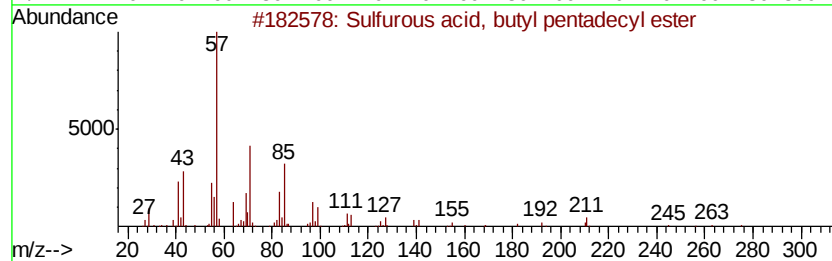
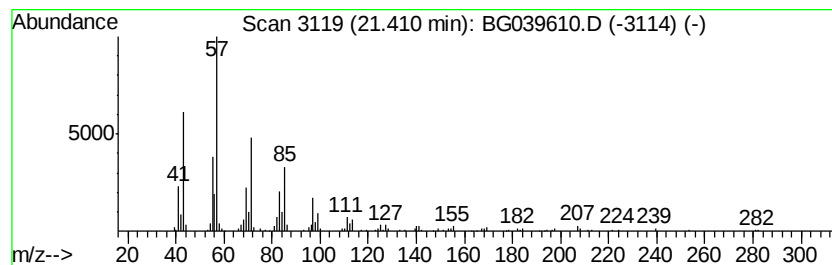
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Sulfurous acid, butyl penta... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.41	3.47 ng	197317	Chrysene-d12	21.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl pentadecyl...	348	C19H40O3S	1000309-18-2	90
2		Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	87
3		Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	86
4		Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	72
5		Tritetracontane	605	C43H88	007098-21-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022619\
Data File : BG039610.D
Acq On : 26 Feb 2019 21:19
Operator : JU/SJ
Sample : K1594-31
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)

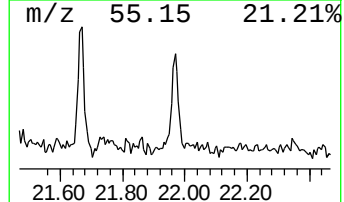
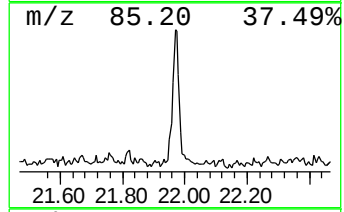
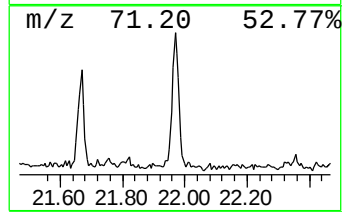
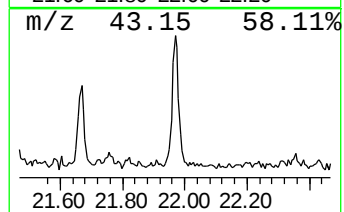
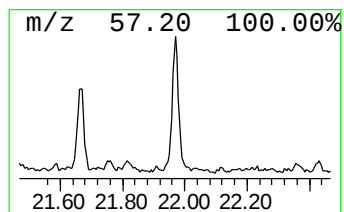
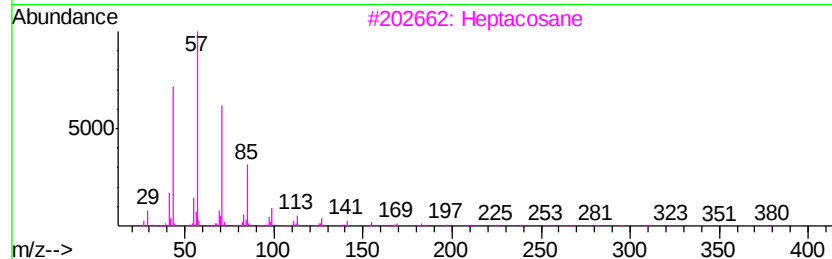
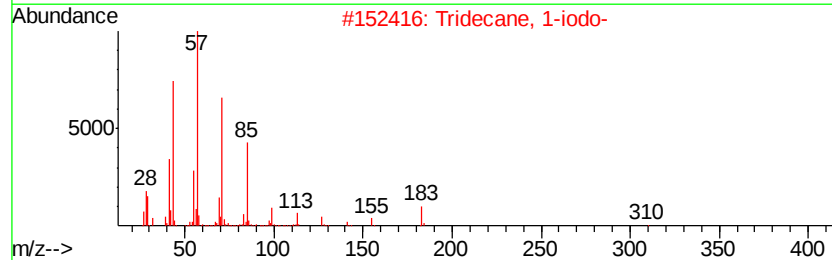
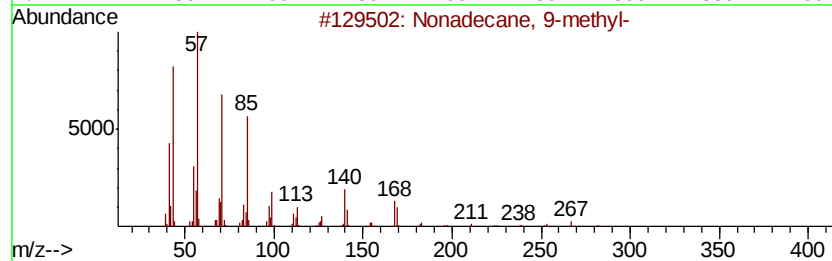
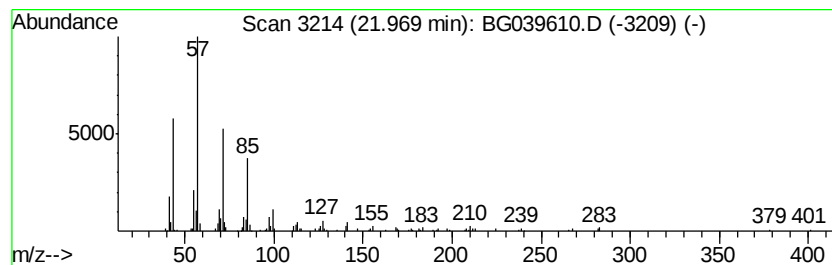
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Nonadecane, 9-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.97	2.07 ng	117405	Chrysene-d12	21.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	87
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
3		Heptacosane	380	C27H56	000593-49-7	83
4		Pentadecane	212	C15H32	000629-62-9	83
5		Hexadecane	226	C16H34	000544-76-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022619\
 Data File : BG039610.D
 Acq On : 26 Feb 2019 21:19
 Operator : JU/SJ
 Sample : K1594-31
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-4B(14-15)

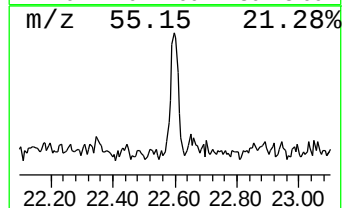
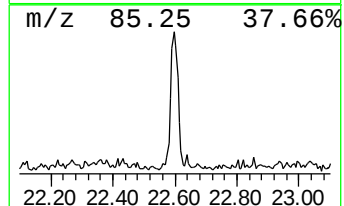
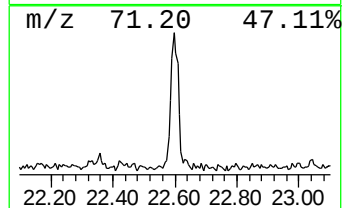
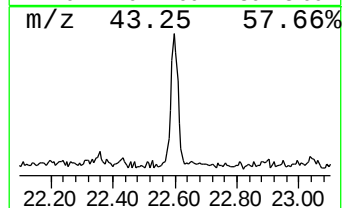
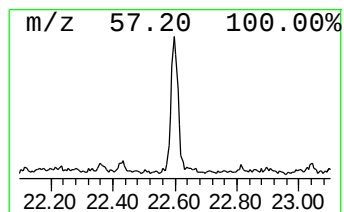
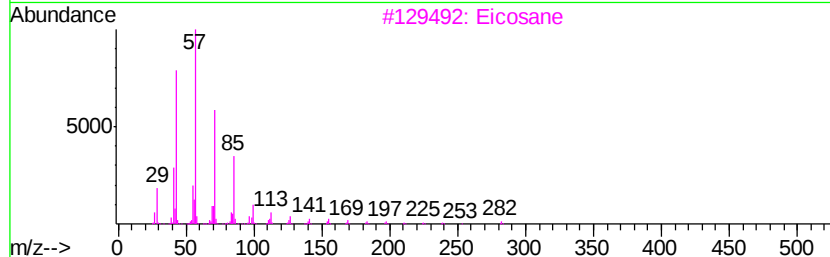
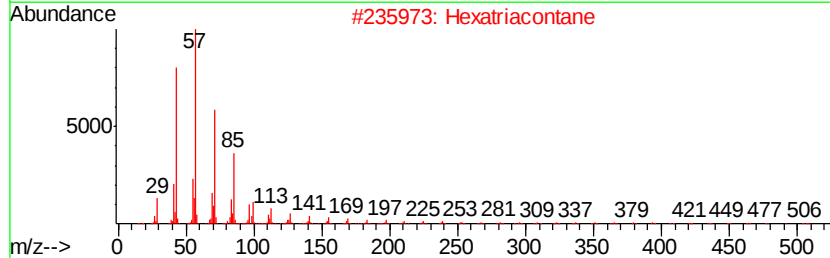
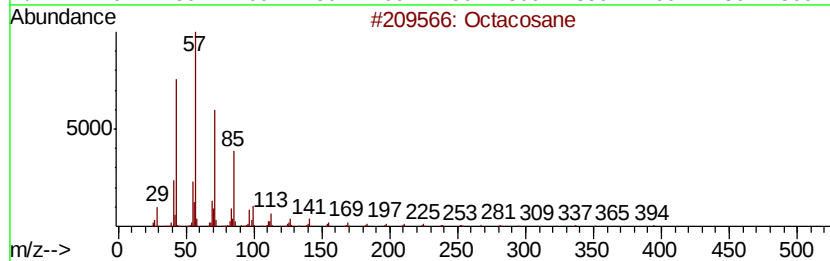
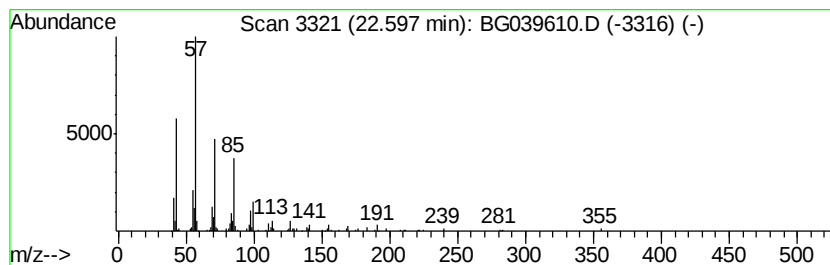
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 8 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.60	2.44 ng	138658	Chrysene-d12	21.82

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane		394	C28H58	000630-02-4	91
2	Hexatriacontane		507	C36H74	000630-06-8	91
3	Eicosane		282	C20H42	000112-95-8	90
4	Heptadecane		240	C17H36	000629-78-7	86
5	2-methyloctacosane		408	C29H60	1000376-72-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022619\
Data File : BG039610.D
Acq On : 26 Feb 2019 21:19
Operator : JU/SJ
Sample : K1594-31
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)

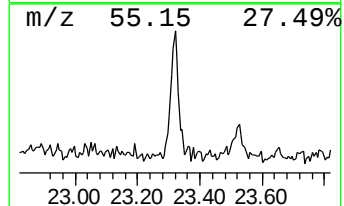
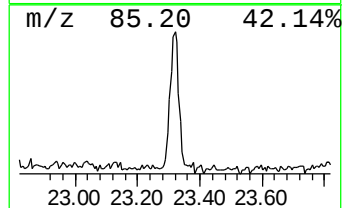
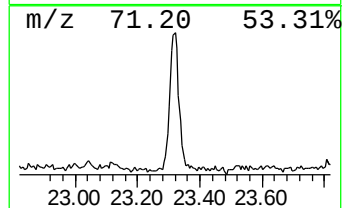
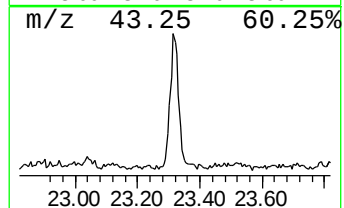
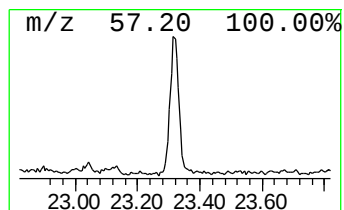
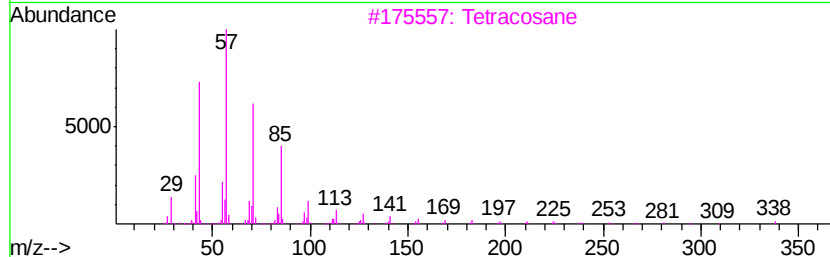
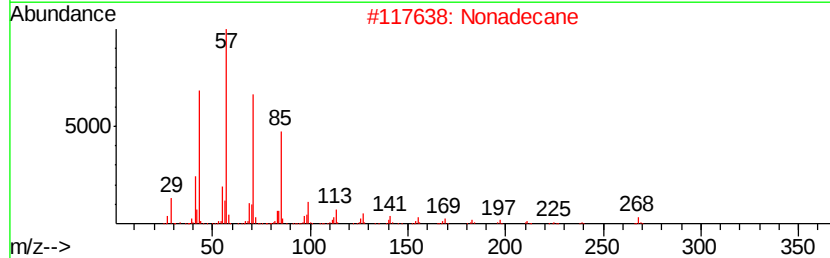
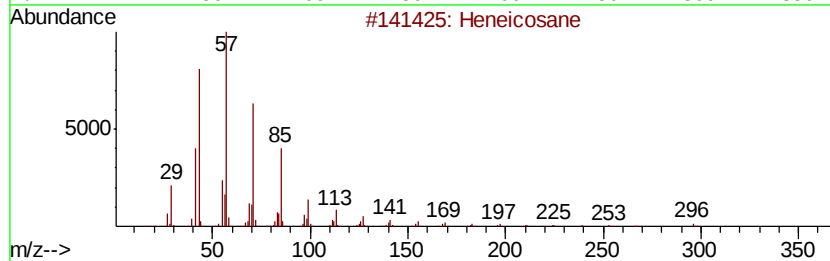
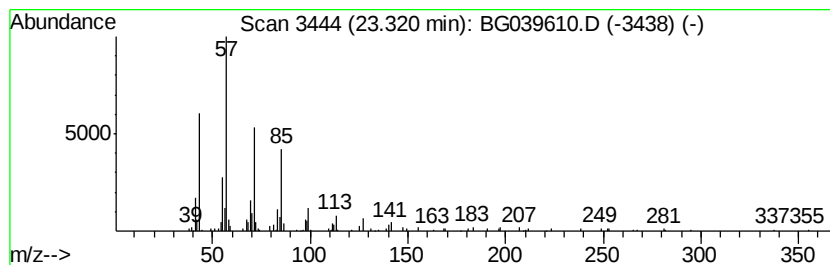
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.32	3.10 ng	176394	Chrysene-d12	21.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Nonadecane	268	C19H40	000629-92-5	90
3		Tetracosane	338	C24H50	000646-31-1	90
4		Heptadecane	240	C17H36	000629-78-7	87
5		Tetradecane	198	C14H30	000629-59-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022619\
Data File : BG039610.D
Acq On : 26 Feb 2019 21:19
Operator : JU/SJ
Sample : K1594-31
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)

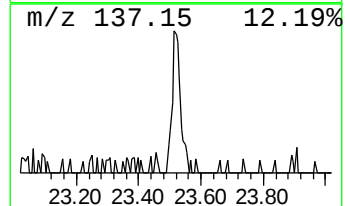
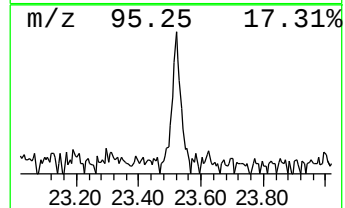
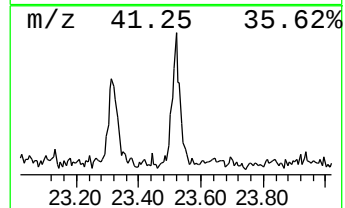
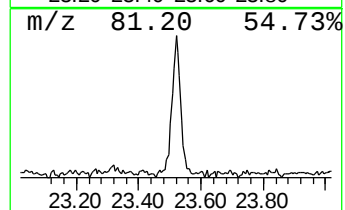
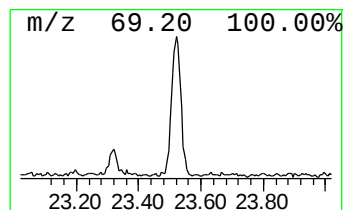
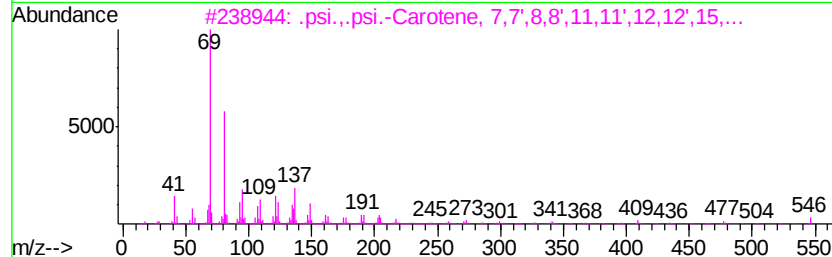
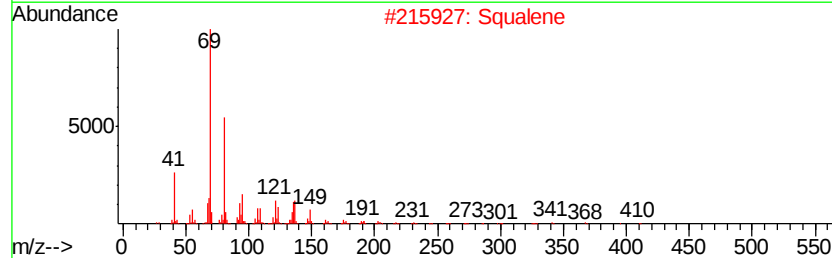
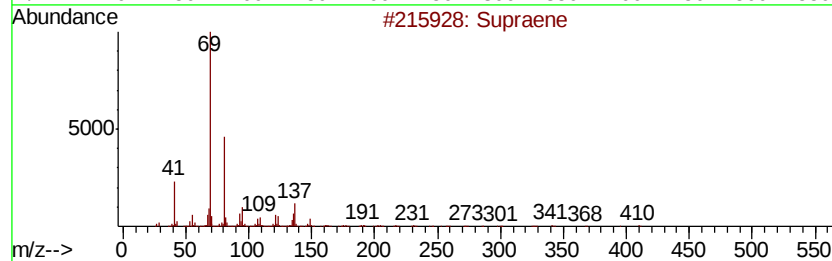
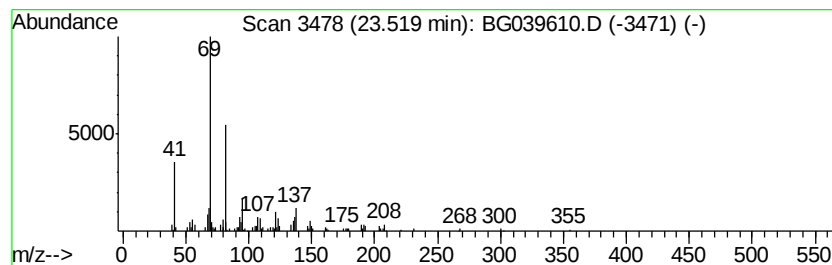
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Supraene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.52	2.01 ng	126052	Perylene-d12	25.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Supraene	410	C30H50	007683-64-9	87
2		Squalene	410	C30H50	000111-02-4	86
3		.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	78
4		4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	78
5		2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022619\
Data File : BG039610.D
Acq On : 26 Feb 2019 21:19
Operator : JU/SJ
Sample : K1594-31
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)

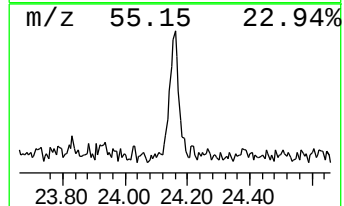
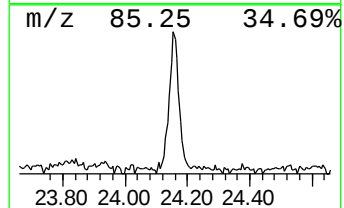
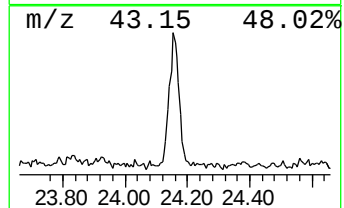
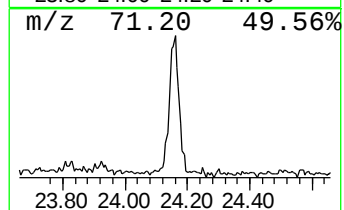
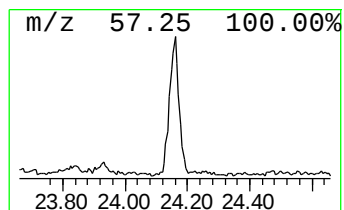
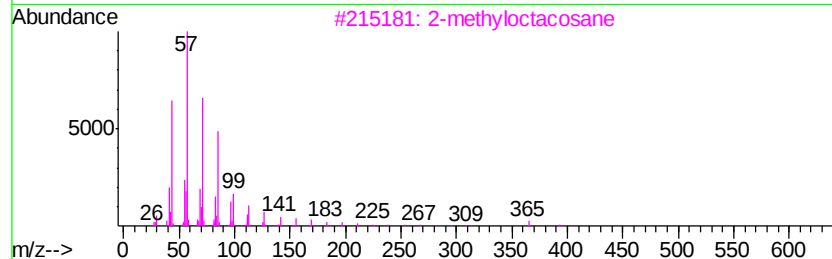
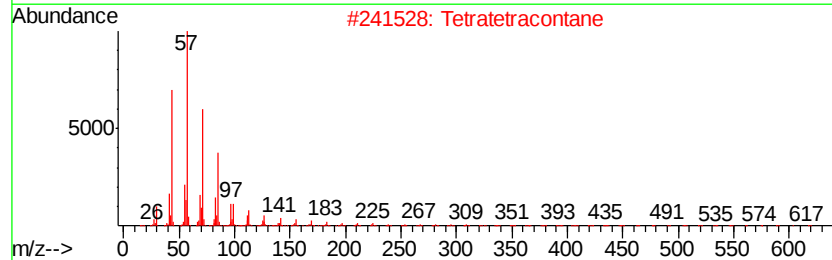
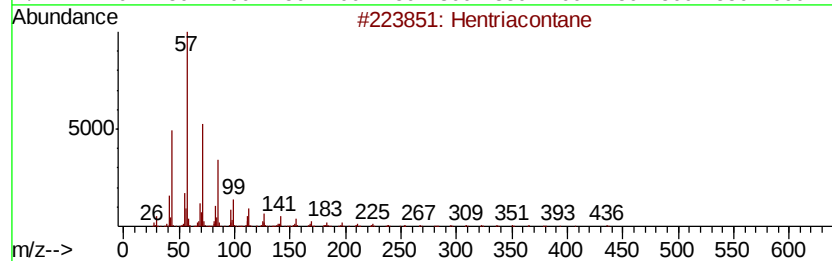
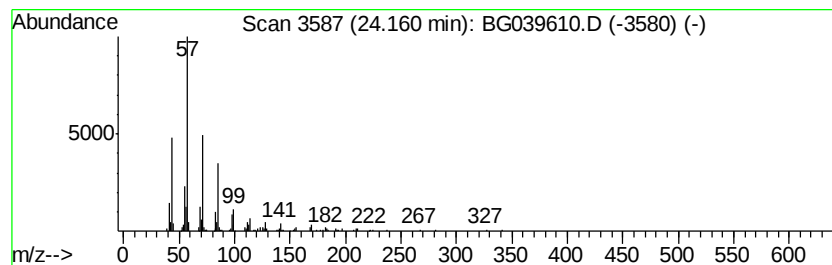
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hentriacontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.16	2.46 ng	154530	Perylene-d12	25.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hentriacontane	437	C31H64	000630-04-6	87
2			Tetratetracontane	619	C44H90	007098-22-8	81
3			2-methyloctacosane	408	C29H60	1000376-72-8	81
4			Hexadecane	226	C16H34	000544-76-3	80
5			Hexacosane	366	C26H54	000630-01-3	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG022619\
Data File : BG039610.D
Acq On : 26 Feb 2019 21:19
Operator : JU/SJ
Sample : K1594-31
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.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...	3.29	4.5	ng	72924	1	8.17	327364	20.0
unknown7.69	7.69	112.2	ng	1836690	1	8.17	327364	20.0
n-Hexadecanoic acid	18.39	4.2	ng	201515	4	17.53	955446	20.0
Sulfurous acid, b...	21.41	3.5	ng	197317	5	21.82	1136550	20.0
Nonadecane, 9-met...	21.97	2.1	ng	117405	5	21.82	1136550	20.0
Octacosane	22.60	2.4	ng	138658	5	21.82	1136550	20.0
Heneicosane	23.32	3.1	ng	176394	5	21.82	1136550	20.0
Supraene	23.52	2.0	ng	126052	6	25.20	1254430	20.0
Hentriacontane	24.16	2.5	ng	154530	6	25.20	1254430	20.0