

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011419\
 Data File : BG039128.D
 Acq On : 14 Jan 2019 19:48
 Operator : JU/SJ
 Sample : K1136-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-103

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-BG010919.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	3.146	6	10	20	rVB	33921	51098	2.33%	0.483%
2	5.578	418	424	436	rBV	176414	297871	13.58%	2.814%
3	7.188	691	698	709	rVB	126406	245826	11.21%	2.322%
4	7.553	752	760	768	rBV	339045	596539	27.20%	5.636%
5	8.023	833	840	851	rBV	73292	124864	5.69%	1.180%
6	8.346	887	895	903	rBV	363835	641701	29.26%	6.063%
7	9.204	1033	1041	1051	rBV	258881	471531	21.50%	4.455%
8	10.843	1310	1320	1331	rBV	100474	210723	9.61%	1.991%
9	11.295	1393	1397	1403	rVB5	13748	25576	1.17%	0.242%
10	13.281	1727	1735	1743	rVB	846649	1416645	64.60%	13.384%
11	13.581	1782	1786	1792	rVB3	18342	34545	1.58%	0.326%
12	14.110	1872	1876	1881	rBV3	15621	22129	1.01%	0.209%
13	14.668	1965	1971	1977	rBV2	177647	285869	13.04%	2.701%
14	15.067	2034	2039	2046	rVB5	11407	26684	1.22%	0.252%
15	15.608	2124	2131	2136	rBV4	12851	26338	1.20%	0.249%
16	15.837	2164	2170	2179	rVB	64613	119014	5.43%	1.124%
17	16.084	2204	2212	2218	rBV10	8068	24060	1.10%	0.227%
18	16.160	2218	2225	2232	rBV	740509	1235241	56.33%	11.670%
19	16.336	2247	2255	2269	rVB4	14803	44318	2.02%	0.419%
20	16.771	2323	2329	2341	rBV3	57590	127661	5.82%	1.206%
21	16.959	2357	2361	2364	rBV5	14446	24443	1.11%	0.231%
22	16.989	2364	2366	2372	rVB4	16041	22705	1.04%	0.215%
23	17.417	2431	2439	2444	rBV	249873	390863	17.82%	3.693%
24	18.152	2559	2564	2569	rBV6	21755	36749	1.68%	0.347%
25	18.275	2579	2585	2592	rBV	73499	117396	5.35%	1.109%
26	20.020	2875	2882	2887	rBV	1669808	2193016	100.00%	20.719%
27	21.289	3094	3098	3109	rVB7	18459	39788	1.81%	0.376%
28	21.689	3159	3166	3174	rVB2	267862	454976	20.75%	4.298%
29	23.316	3435	3443	3456	rVB	379787	755557	34.45%	7.138%
30	23.927	3540	3547	3555	rVB4	16959	39674	1.81%	0.375%
31	24.967	3713	3724	3735	rVB	175341	481254	21.94%	4.547%

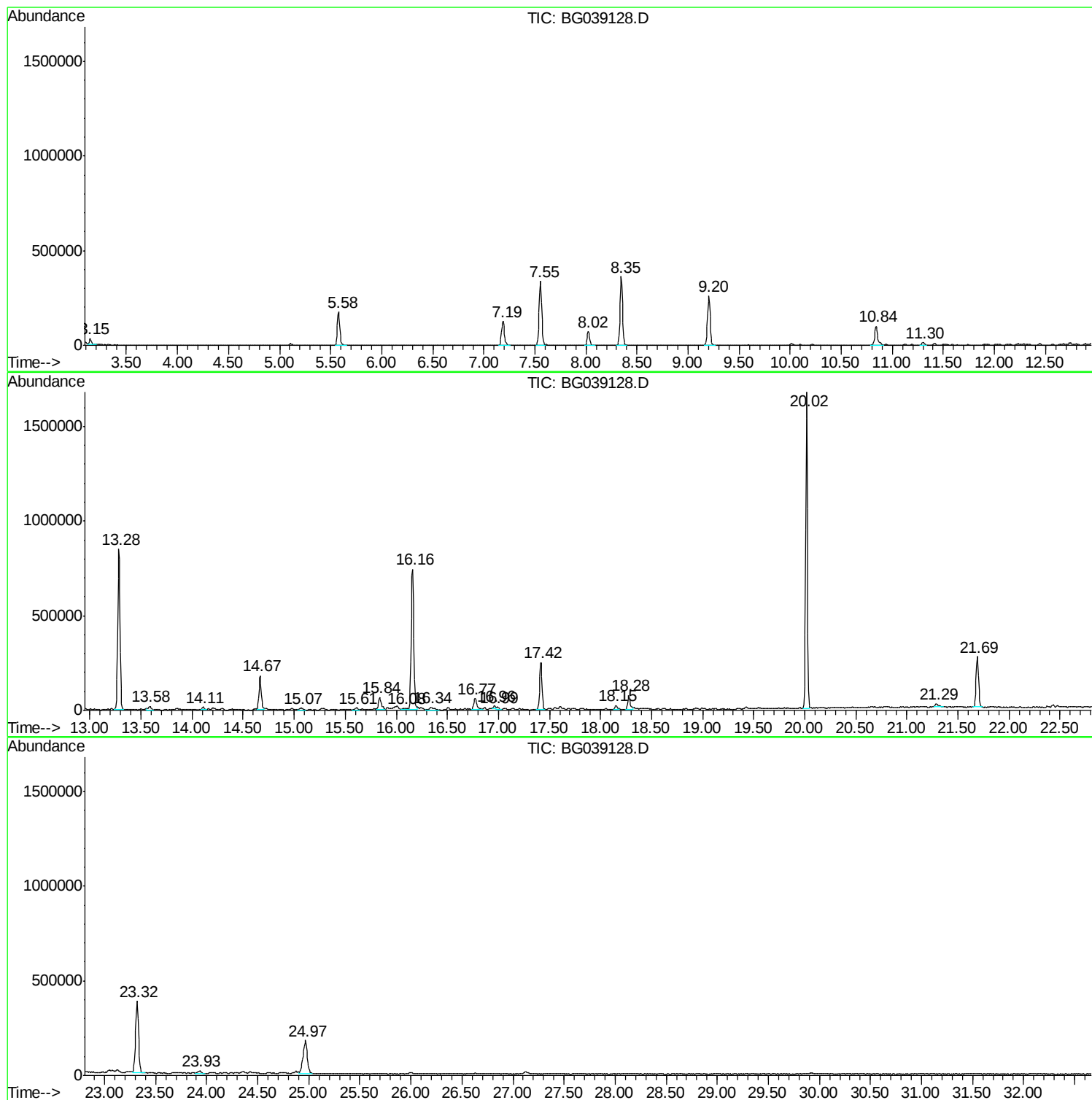
Sum of corrected areas: 10584654

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011419\
Data File : BG039128.D
Acq On : 14 Jan 2019 19:48
Operator : JU/SJ
Sample : K1136-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-103

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.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\BG011419\
Data File : BG039128.D
Acq On : 14 Jan 2019 19:48
Operator : JU/SJ
Sample : K1136-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-103

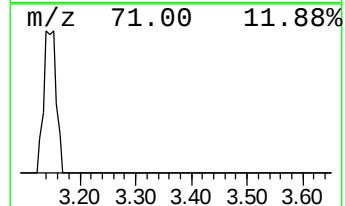
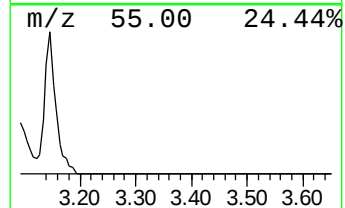
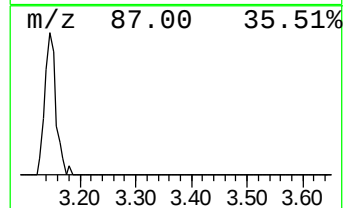
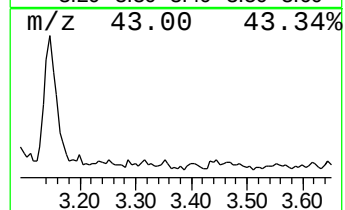
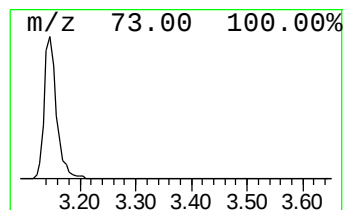
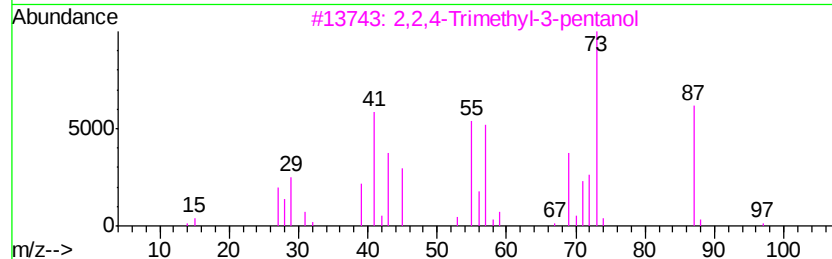
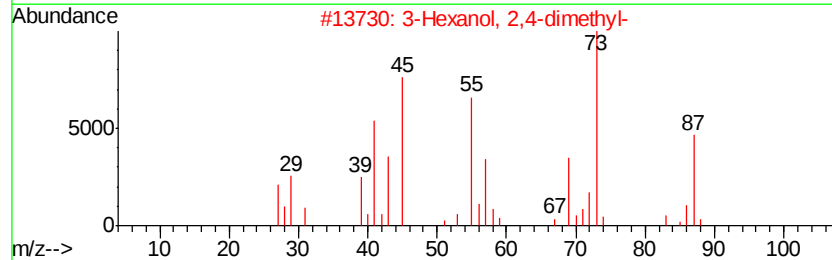
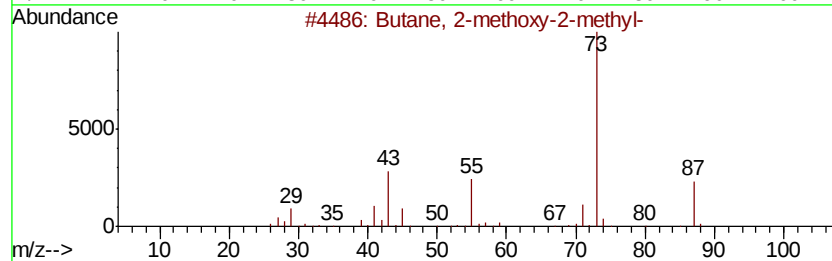
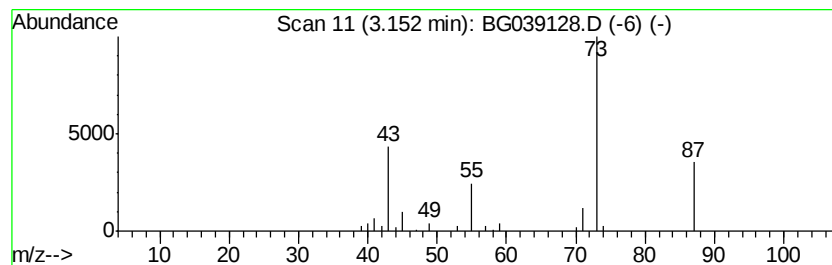
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	8.18 ng	51098	1,4-Dichlorobenzene-d4	8.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	50
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011419\
Data File : BG039128.D
Acq On : 14 Jan 2019 19:48
Operator : JU/SJ
Sample : K1136-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-103

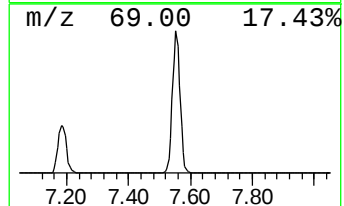
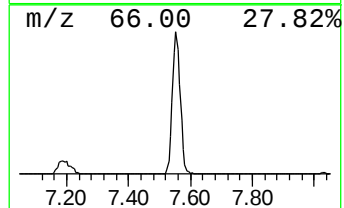
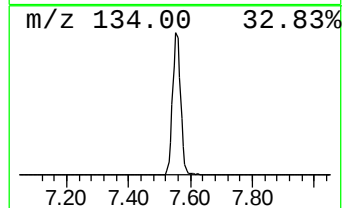
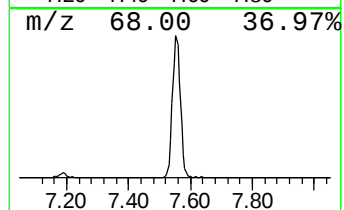
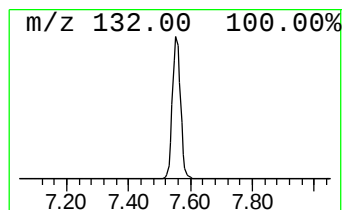
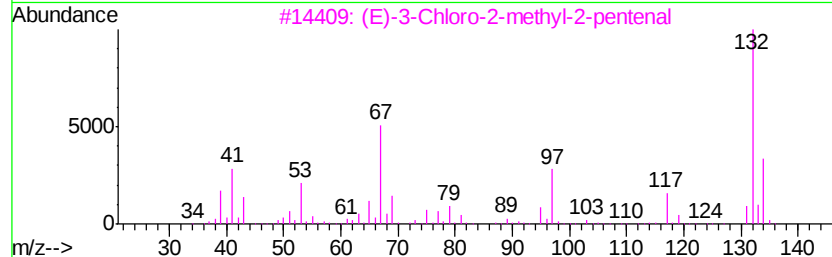
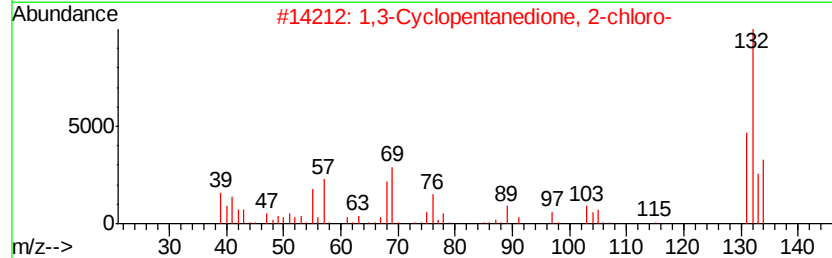
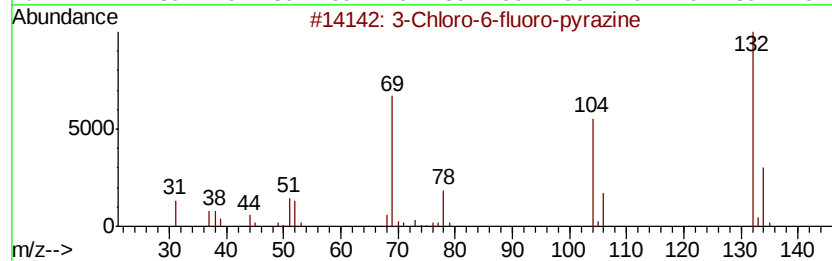
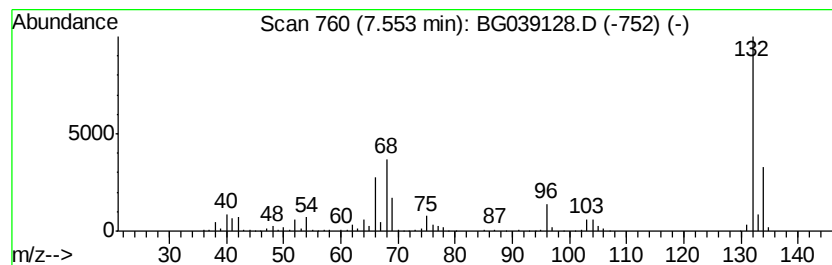
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown7.55 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	95.55 ng	596539	1,4-Dichlorobenzene-d4	8.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	23
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
4		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
5		(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011419\
Data File : BG039128.D
Acq On : 14 Jan 2019 19:48
Operator : JU/SJ
Sample : K1136-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-103

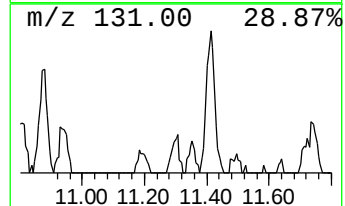
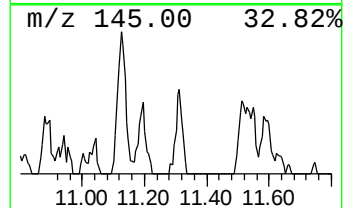
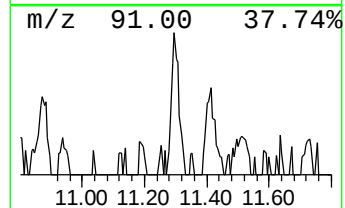
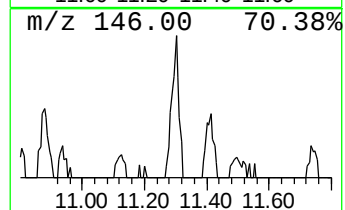
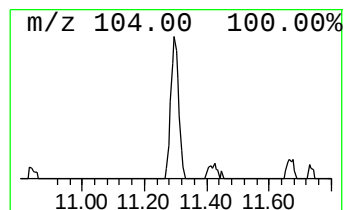
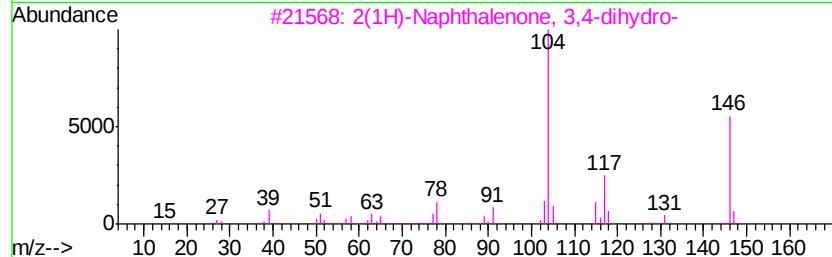
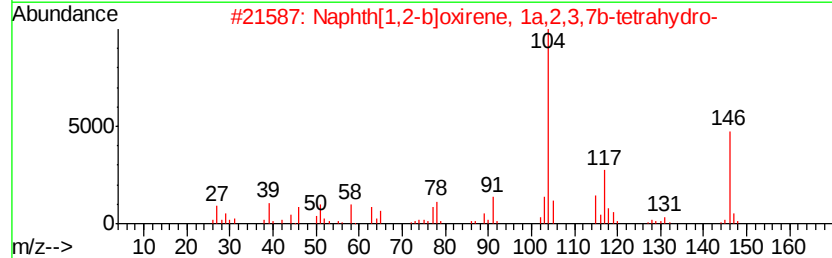
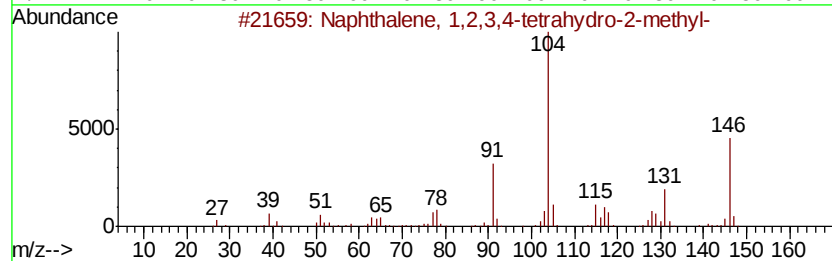
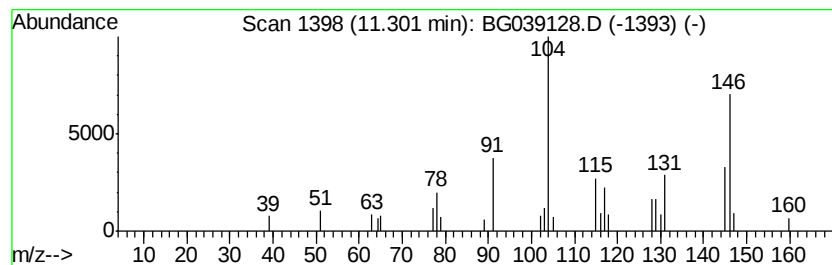
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	2.43 ng	25576	Naphthalene-d8	10.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-	146	C11H14	003877-19-8	81
2		Naphth[1,2-b]oxirene, 1a,2,3,7b-	146	C10H10O	002461-34-9	64
3		2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	58
4		2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	38
5		2-Phenethyl-.beta.-phenylpropionate	254	C17H18O2	028049-10-7	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011419\
Data File : BG039128.D
Acq On : 14 Jan 2019 19:48
Operator : JU/SJ
Sample : K1136-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-103

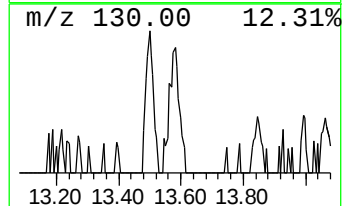
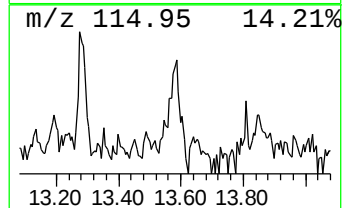
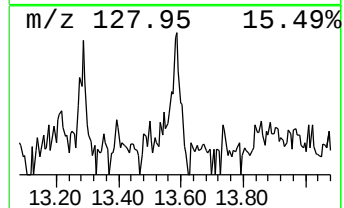
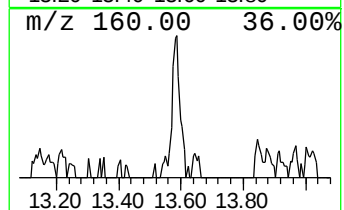
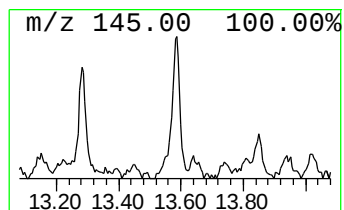
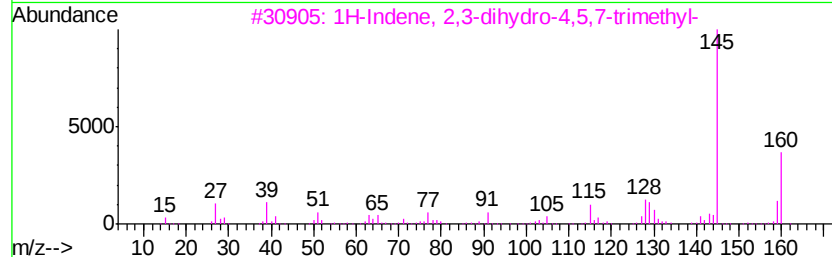
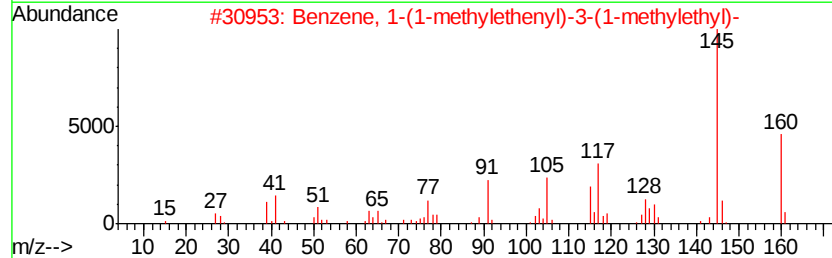
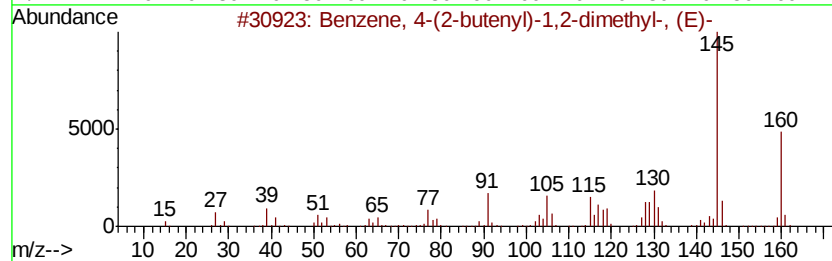
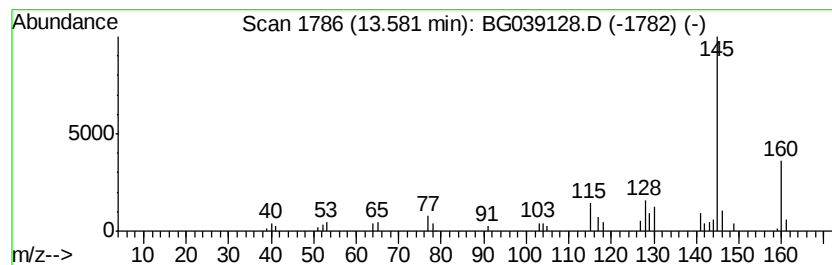
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 4-(2-butenyl)-1,2-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	2.42 ng	34545	Acenaphthene-d10	14.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	93
2		Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	87
3		1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	87
4		1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	87
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011419\
Data File : BG039128.D
Acq On : 14 Jan 2019 19:48
Operator : JU/SJ
Sample : K1136-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-103

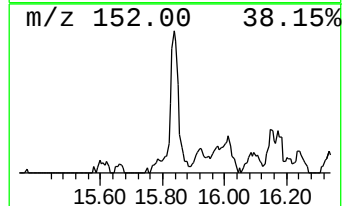
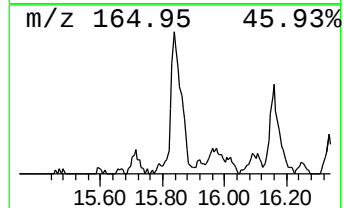
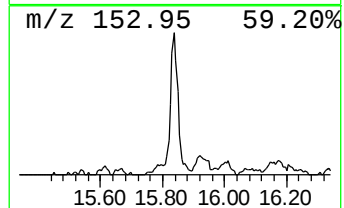
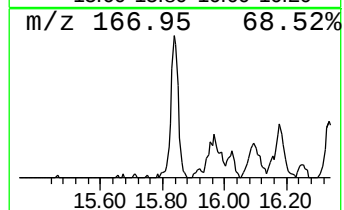
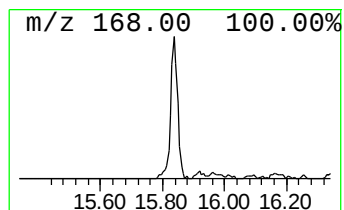
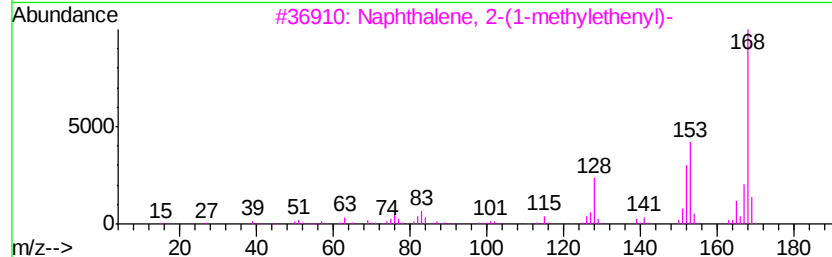
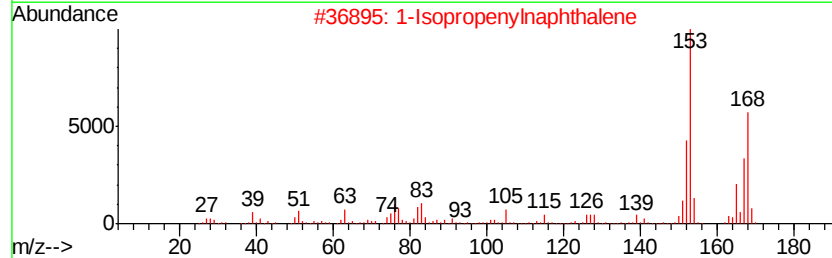
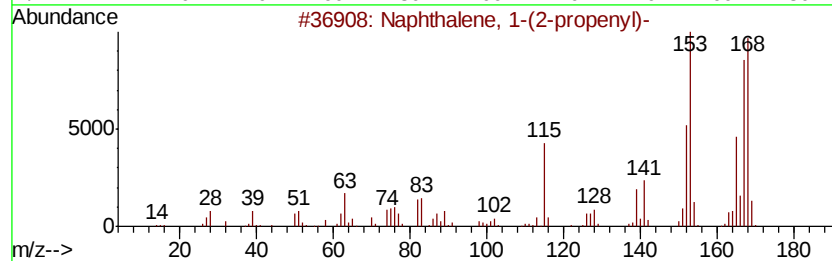
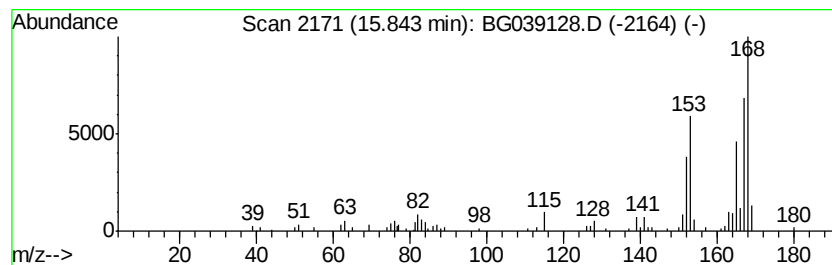
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1-(2-propenyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	8.33 ng	119014	Acenaphthene-d10	14.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	76
2			1-Isopropenylnaphthalene	168	C13H12	001855-47-6	68
3			Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	68
4			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	58
5			Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011419\
Data File : BG039128.D
Acq On : 14 Jan 2019 19:48
Operator : JU/SJ
Sample : K1136-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

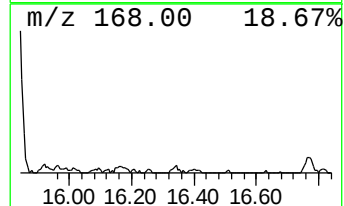
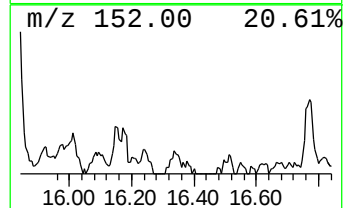
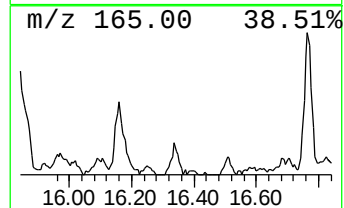
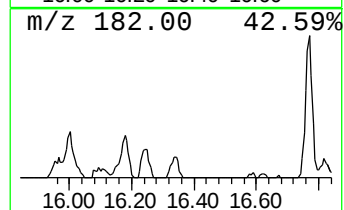
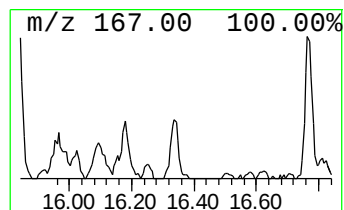
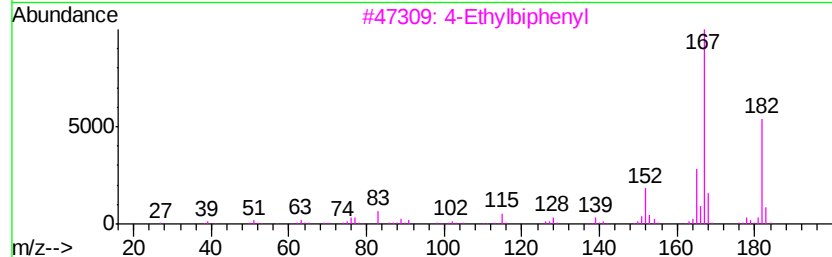
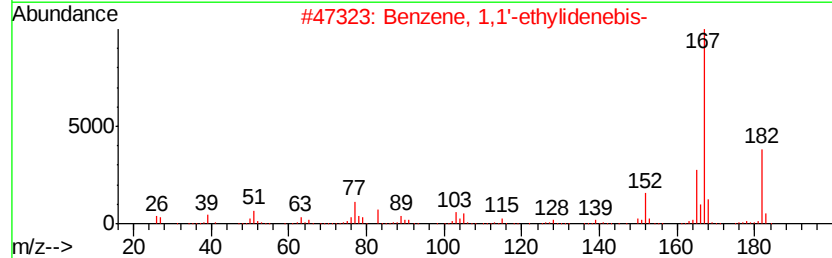
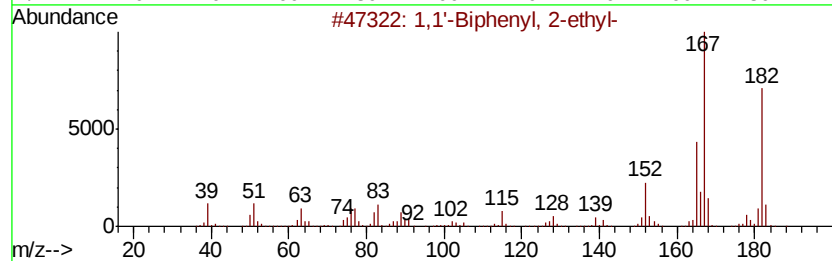
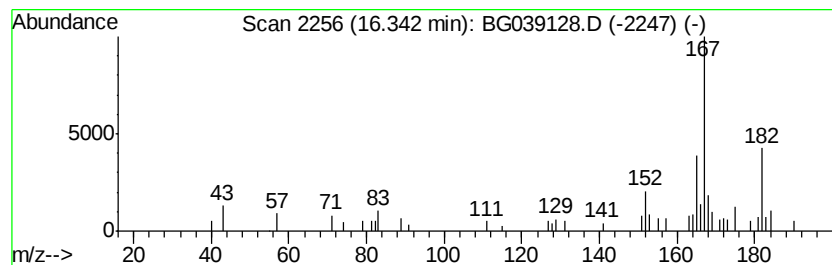
Instrument :
BNA_G
ClientSampleId :
MW-103

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1,1'-Biphenyl, 2-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.
16.34	2.27 ng	44318	Phenanthrene-d10		17.41
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	90
2	Benzene, 1,1'-ethylidenebis-	182	C14H14	000612-00-0	72
3	4-Ethylbiphenyl	182	C14H14	005707-44-8	72
4	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	72
5	2-Propanone, 1,1-diphenyl-	210	C15H14O	000781-35-1	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011419\
Data File : BG039128.D
Acq On : 14 Jan 2019 19:48
Operator : JU/SJ
Sample : K1136-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-103

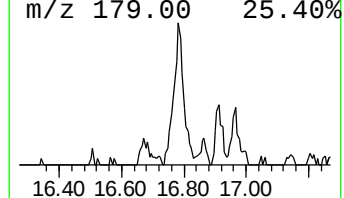
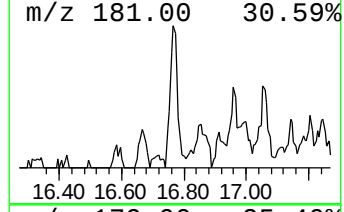
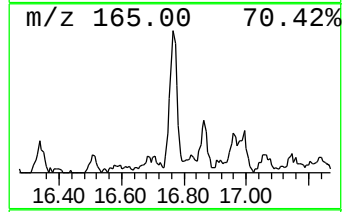
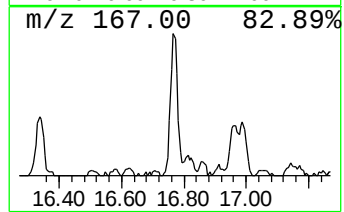
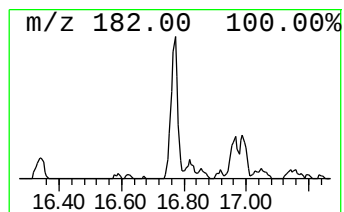
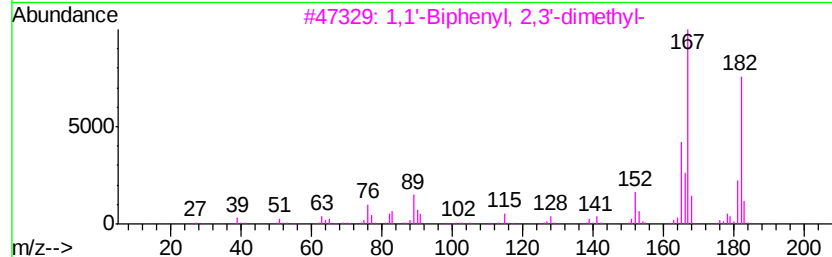
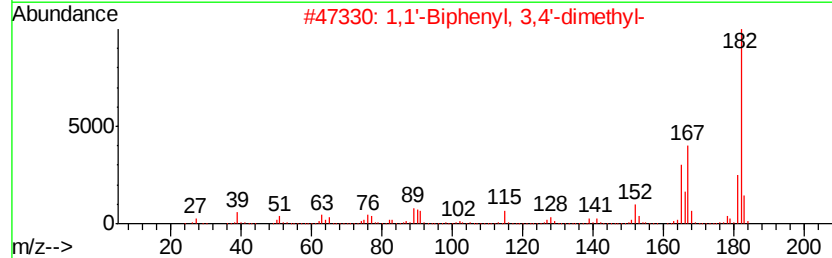
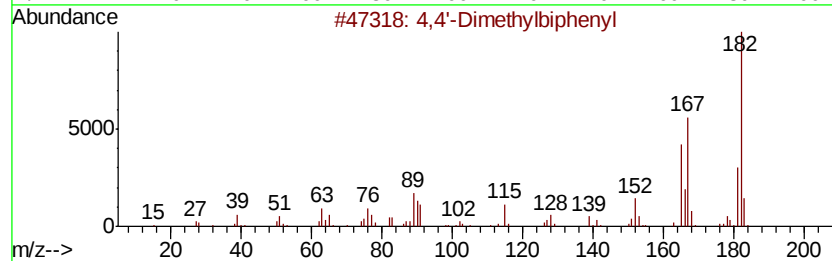
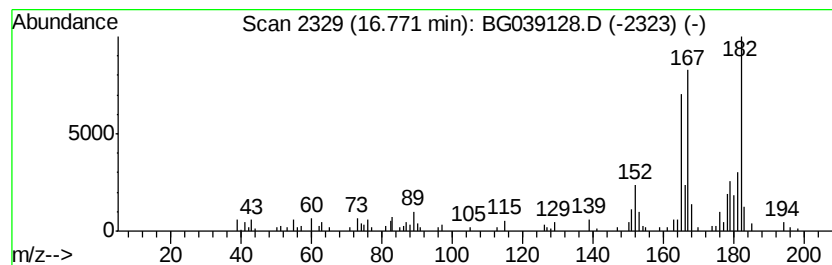
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 4,4'-Dimethylbiphenyl Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	6.53 ng	127661	Phenanthrene-d10	17.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	91
2		1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	90
3		1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	76
4		1,1'-Biphenyl, 2,4'-dimethyl-	182	C14H14	000611-61-0	76
5		3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011419\
Data File : BG039128.D
Acq On : 14 Jan 2019 19:48
Operator : JU/SJ
Sample : K1136-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-103

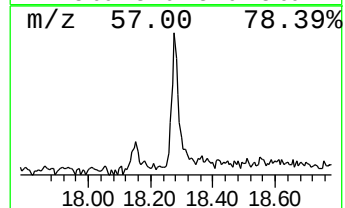
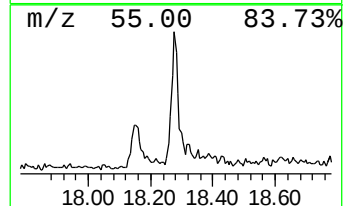
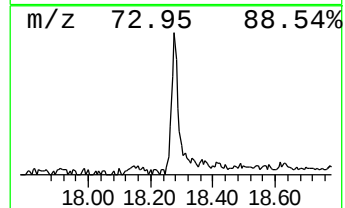
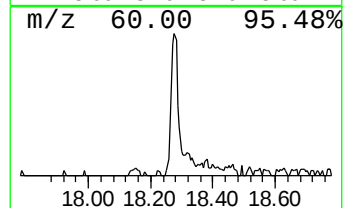
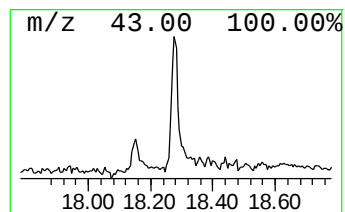
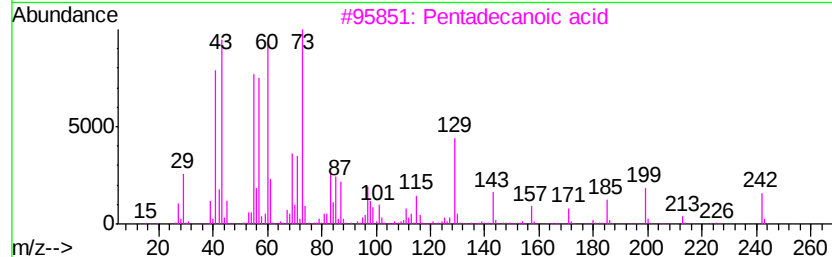
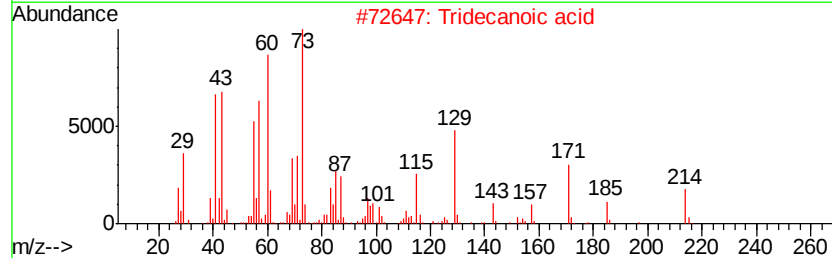
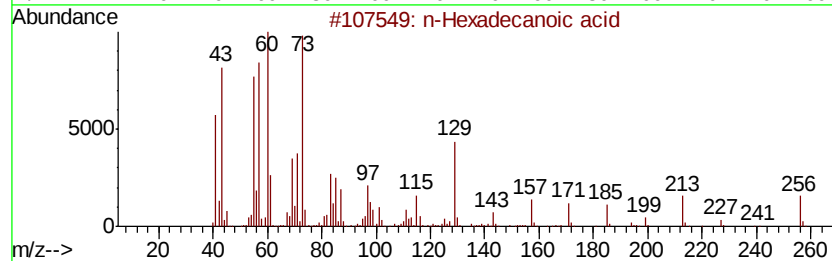
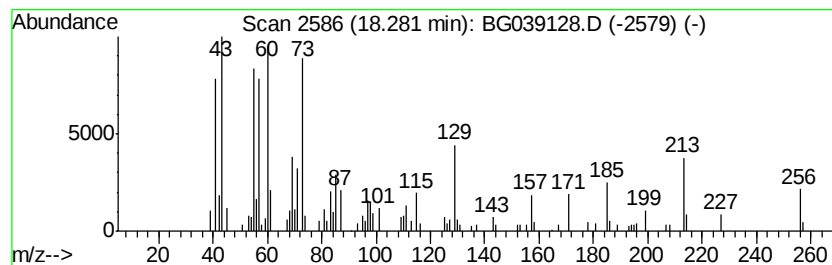
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	6.01 ng	117396	Phenanthrene-d10	17.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	94
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	50
5		n-Decanoic acid	172	C10H20O2	000334-48-5	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011419\
Data File : BG039128.D
Acq On : 14 Jan 2019 19:48
Operator : JU/SJ
Sample : K1136-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-103

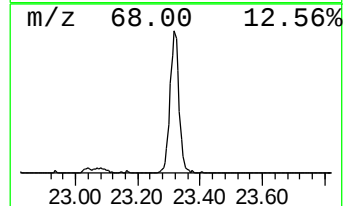
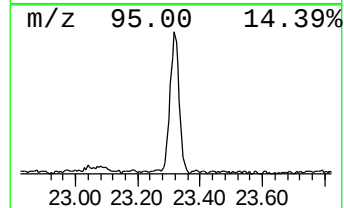
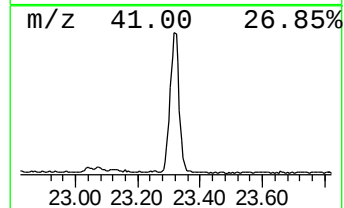
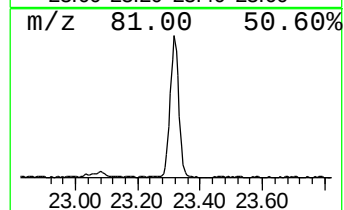
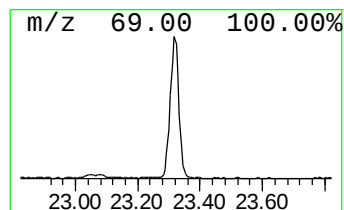
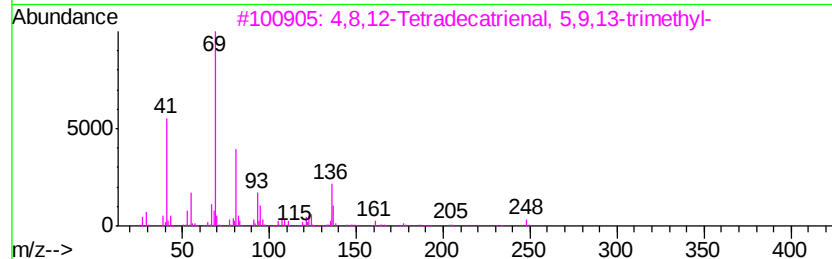
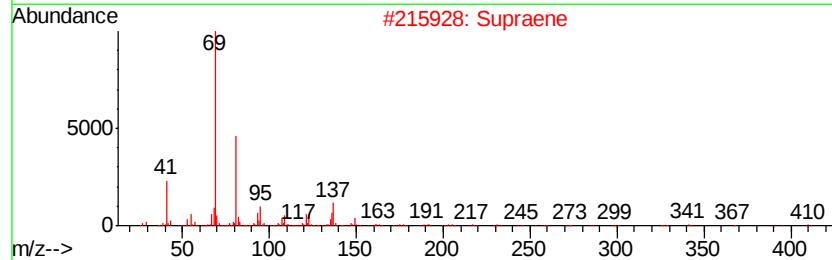
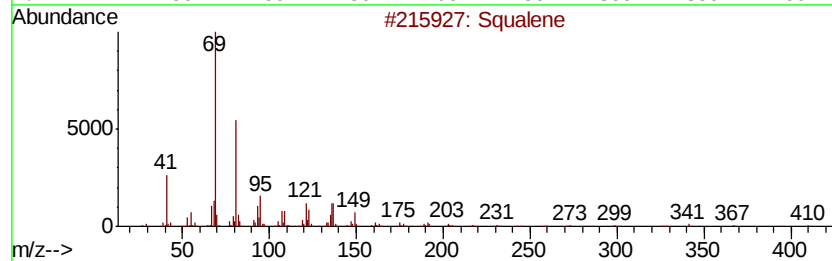
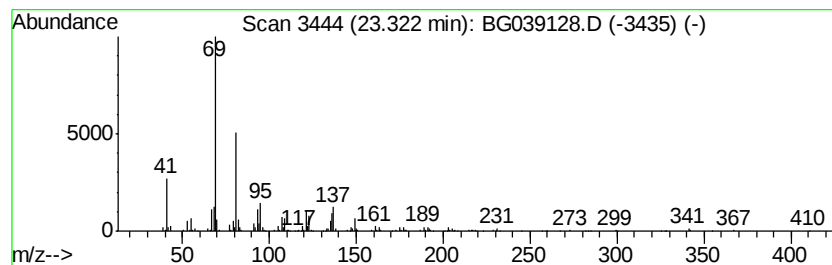
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.32	33.21 ng	755557	Chrysene-d12	21.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	99
2		Supraene	410	C30H50	007683-64-9	93
3		4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	64
4		trans-Farnesol	222	C15H26O	000106-28-5	59
5		4,8,12-Tetradecatrienenitrile, 5...	245	C17H27N	005981-31-7	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011419\
Data File : BG039128.D
Acq On : 14 Jan 2019 19:48
Operator : JU/SJ
Sample : K1136-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-103

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.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...	3.15	8.2	ng	51098	1	8.02	124864	20.0
unknown7.55	7.55	95.5	ng	596539	1	8.02	124864	20.0
Naphthalene, 1,2,...	11.30	2.4	ng	25576	2	10.84	210723	20.0
Benzene, 4-(2-but...	13.58	2.4	ng	34545	3	14.67	285869	20.0
Naphthalene, 1-(2...	15.84	8.3	ng	119014	3	14.67	285869	20.0
1,1'-Biphenyl, 2-...	16.34	2.3	ng	44318	4	17.41	390863	20.0
4,4'-Dimethylbiph...	16.77	6.5	ng	127661	4	17.41	390863	20.0
n-Hexadecanoic acid	18.28	6.0	ng	117396	4	17.41	390863	20.0
Squalene	23.32	33.2	ng	755557	5	21.69	454976	20.0