

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102115\
 Data File : BF082440.D
 Acq On : 22 Oct 2015 9:33
 Operator : UM/IZ
 Sample : G4117-11
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-08(0-2)

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:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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	4.937	242	245	259	rBV	838613	1432842	47.68%	5.656%
2	5.371	280	283	285	rBV	2290779	2438273	81.13%	9.625%
3	6.423	372	375	377	rBV	2096161	2518978	83.82%	9.944%
4	6.537	383	385	388	rBV	2198267	2296498	76.41%	9.065%
5	6.766	403	405	408	rBV	606439	611175	20.34%	2.413%
6	6.926	417	419	421	rBV	2205219	1938706	64.51%	7.653%
7	7.349	453	456	458	rBV	1140146	1548261	51.52%	6.112%
8	8.057	516	518	521	rBV	995470	844680	28.11%	3.334%
9	9.143	610	613	615	rBV	2999540	3005365	100.00%	11.864%
10	9.532	645	647	650	rBV	358171	440771	14.67%	1.740%
11	9.817	669	672	674	rBV	943626	915494	30.46%	3.614%
12	10.240	708	709	711	rVB	45094	47888	1.59%	0.189%
13	10.606	738	741	744	rBV	1402323	1346461	44.80%	5.315%
14	10.720	749	751	755	rVB	81235	98518	3.28%	0.389%
15	11.166	788	790	791	rBV	90564	79587	2.65%	0.314%
16	11.200	791	793	796	rVB2	23461	31958	1.06%	0.126%
17	11.303	800	802	803	rBV	831536	795257	26.46%	3.139%
18	11.806	843	846	847	rBV	32861	35914	1.19%	0.142%
19	11.829	847	848	851	rVV	78029	96320	3.20%	0.380%
20	11.909	854	855	861	rVB	44205	78454	2.61%	0.310%
21	12.081	868	870	873	rBV2	21810	39582	1.32%	0.156%
22	12.355	892	894	895	rBV	33861	35600	1.18%	0.141%
23	12.389	895	897	900	rVB	21744	33193	1.10%	0.131%
24	12.515	906	908	910	rBV	205017	179683	5.98%	0.709%
25	12.743	923	928	931	rVB	176789	198264	6.60%	0.783%
26	12.892	938	941	944	rBV	1950798	1927765	64.14%	7.610%
27	13.075	954	957	959	rBV	30788	46364	1.54%	0.183%
28	13.144	959	963	965	rBV2	18817	30583	1.02%	0.121%
29	13.178	965	966	970	rVB2	17002	30301	1.01%	0.120%
30	13.818	1020	1022	1028	rVB	77528	126755	4.22%	0.500%
31	13.978	1033	1036	1043	rVV	701068	915300	30.46%	3.613%
32	14.492	1078	1081	1083	rBV3	20605	44737	1.49%	0.177%
33	14.904	1115	1117	1118	rBV	23806	31681	1.05%	0.125%
34	15.075	1129	1132	1138	rBV	77665	168470	5.61%	0.665%

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102115\
Data File : BF082440.D
Acq On : 22 Oct 2015 9:33
Operator : UM/IZ
Sample : G4117-11
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AB-AC-08(0-2)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.361	1156	1157	1160	rVB	34342	43581	1.45%	0.172%
36	15.429	1160	1163	1165	rBV	47195	63285	2.11%	0.250%
37	15.487	1165	1168	1171	rBV	509762	674069	22.43%	2.661%
38	16.127	1222	1224	1231	rVB7	22569	71237	2.37%	0.281%
39	16.538	1258	1260	1265	rVB3	16291	35756	1.19%	0.141%
40	16.881	1287	1290	1294	rBV2	15105	35184	1.17%	0.139%

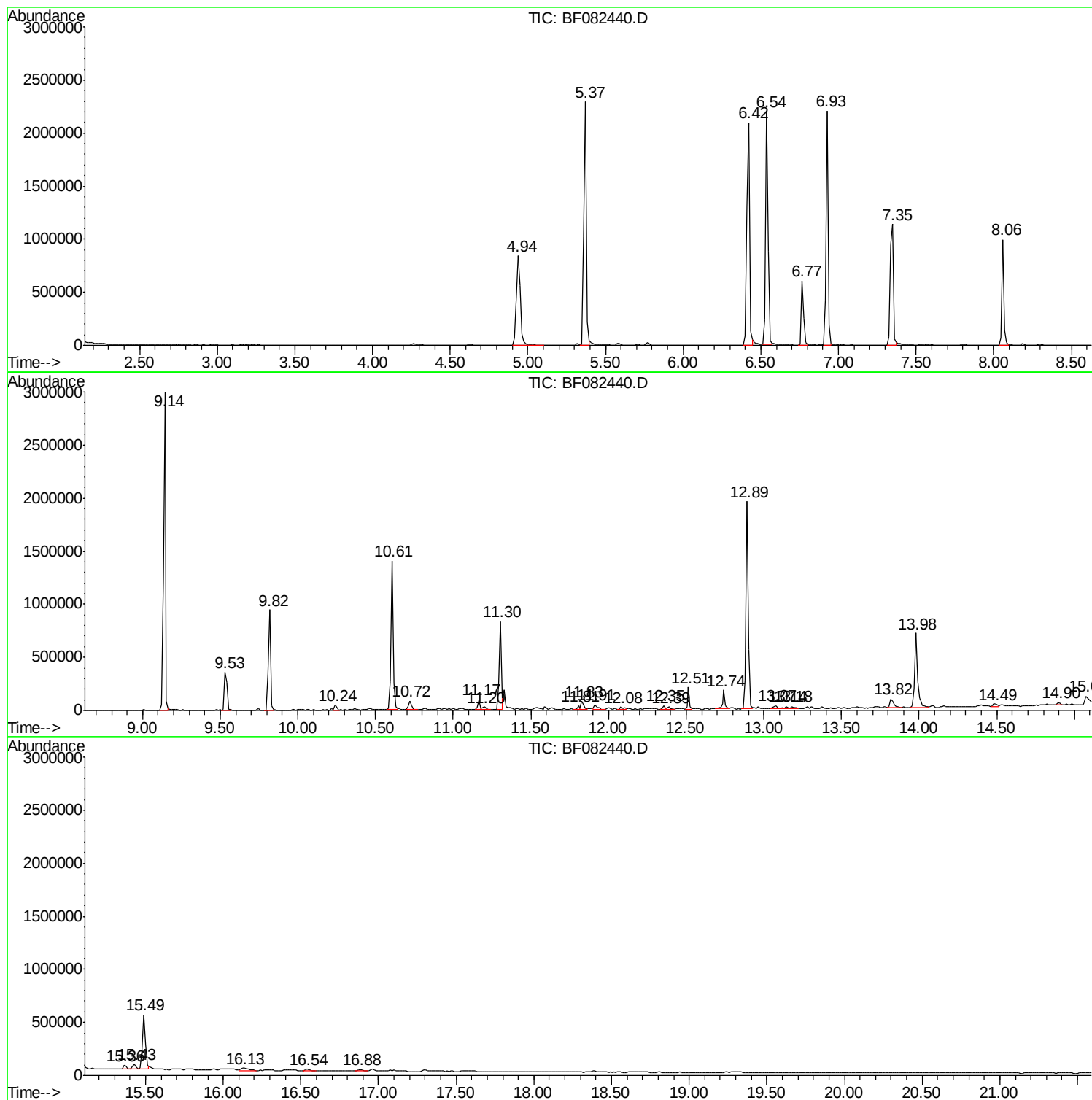
Sum of corrected areas: 25332790

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102115\
Data File : BF082440.D
Acq On : 22 Oct 2015 9:33
Operator : UM/IZ
Sample : G4117-11
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AB-AC-08(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102115\
Data File : BF082440.D
Acq On : 22 Oct 2015 9:33
Operator : UM/IZ
Sample : G4117-11
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
AB-AC-08(0-2)

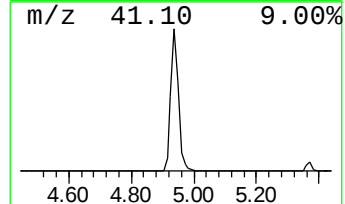
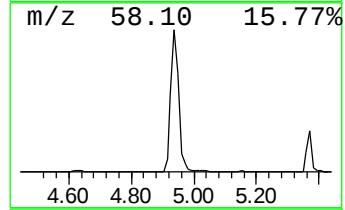
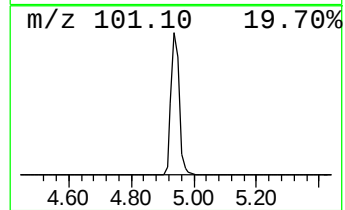
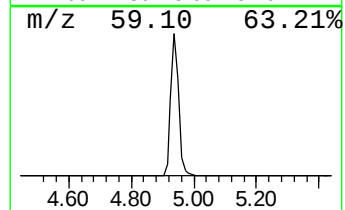
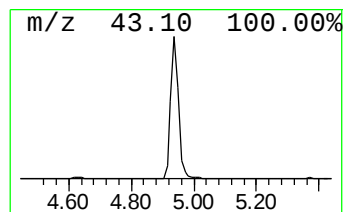
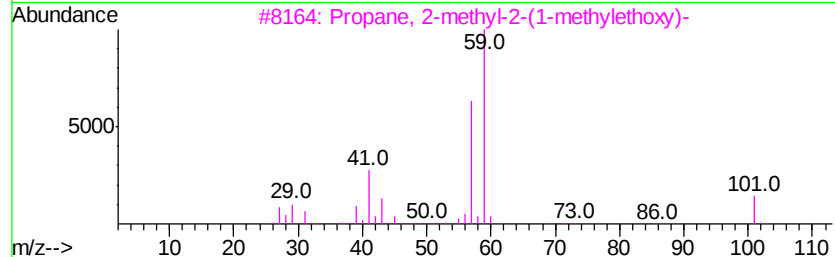
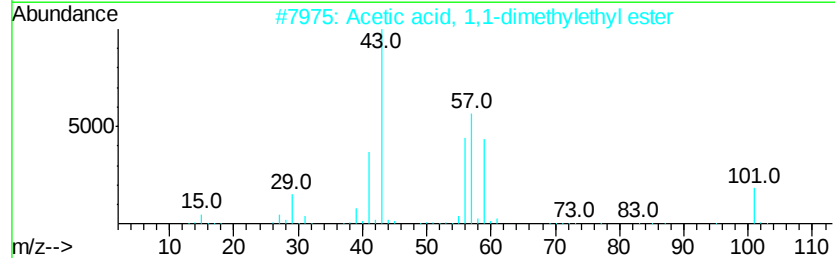
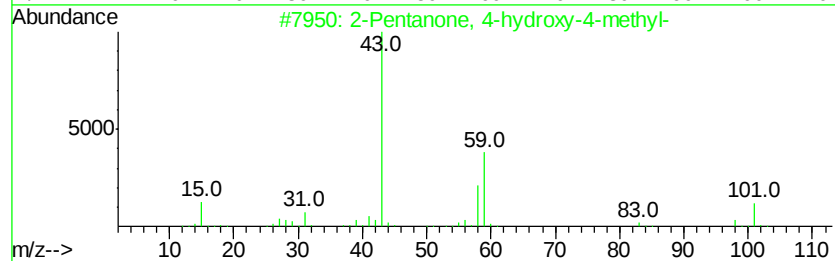
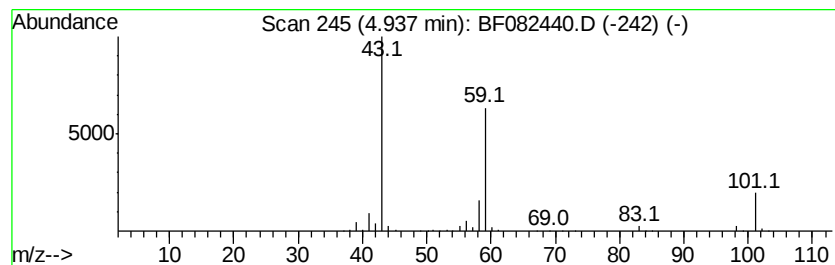
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.94	46.89 ng	1432840	1,4-Dichlorobenzene-d4	6.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28
4			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102115\
Data File : BF082440.D
Acq On : 22 Oct 2015 9:33
Operator : UM/IZ
Sample : G4117-11
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AB-AC-08(0-2)

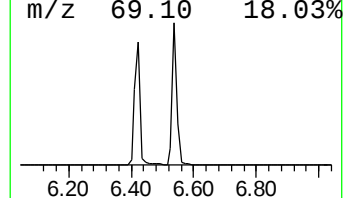
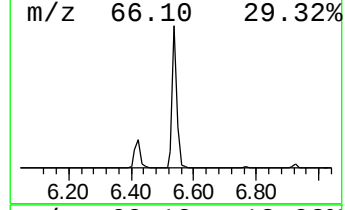
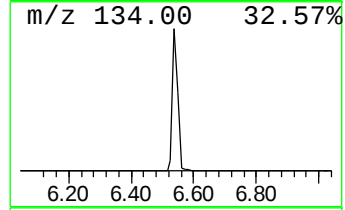
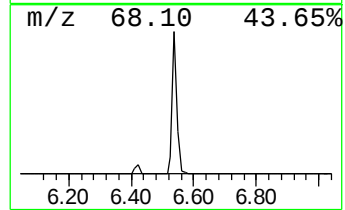
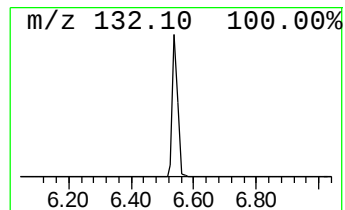
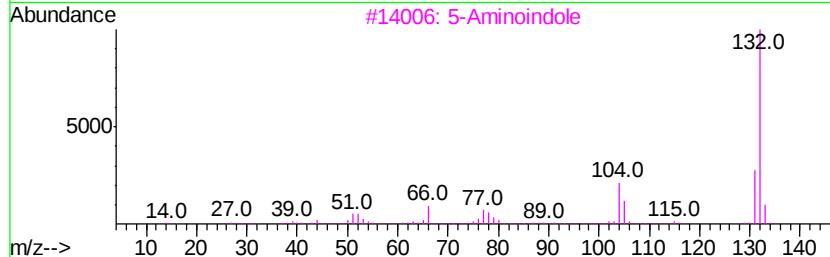
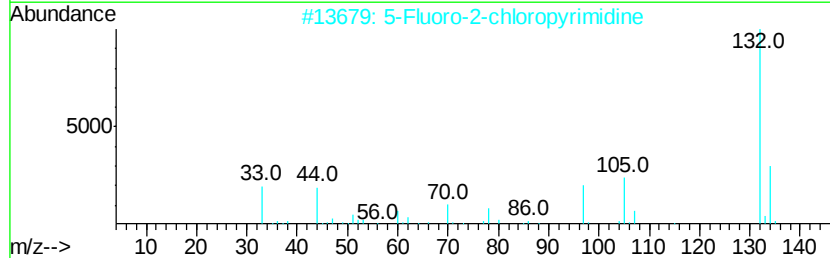
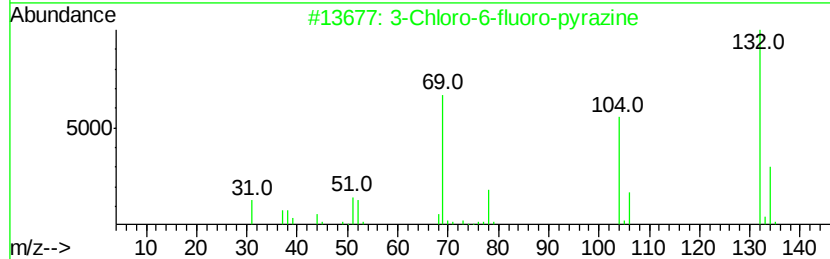
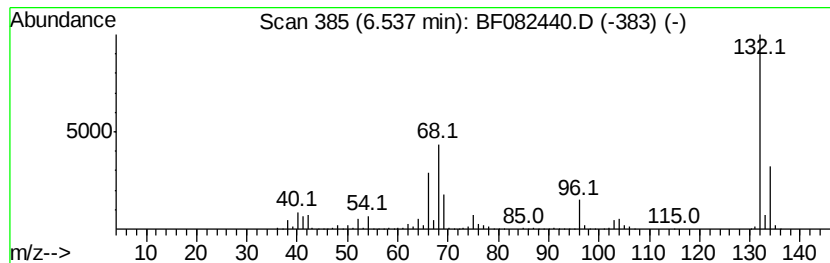
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	75.15 ng	2296500	1,4-Dichlorobenzene-d4	6.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102115\
Data File : BF082440.D
Acq On : 22 Oct 2015 9:33
Operator : UM/IZ
Sample : G4117-11
Misc :
ALS Vial : 39 Sample Multiplier: 1

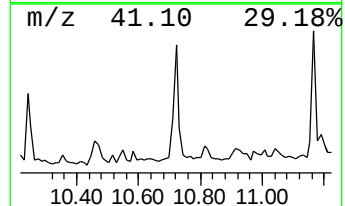
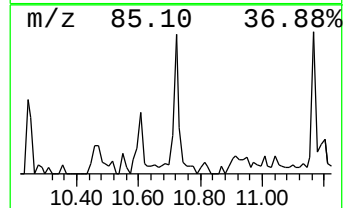
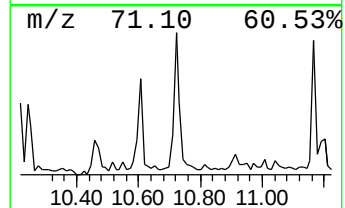
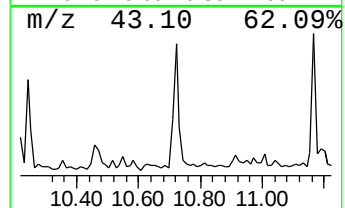
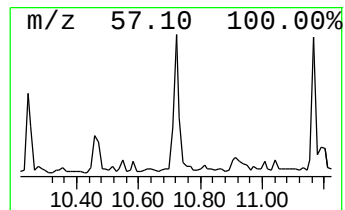
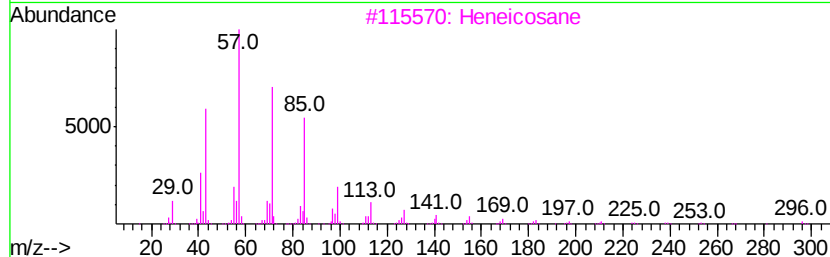
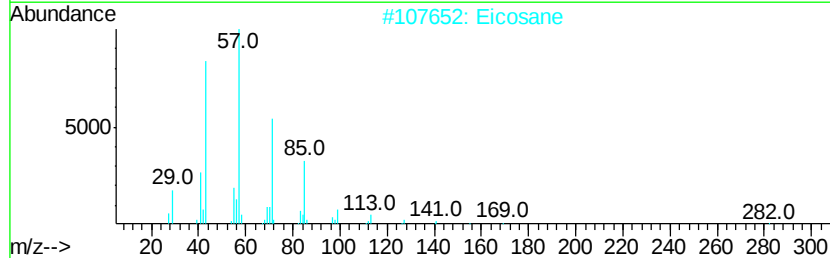
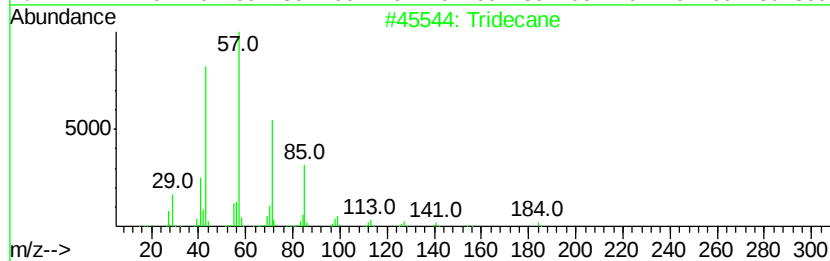
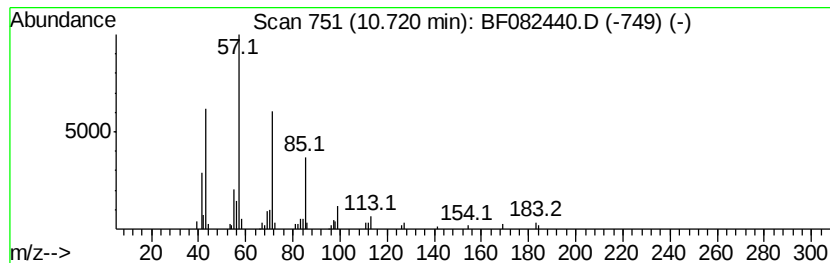
Instrument :
BNA_F
ClientSampleId :
AB-AC-08(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.72	2.48 ng	98518	Phenanthrene-d10	11.30	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Eicosane	282	C20H42	000112-95-8	87
3	Heneicosane	296	C21H44	000629-94-7	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Heptadecane	240	C17H36	000629-78-7	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102115\
Data File : BF082440.D
Acq On : 22 Oct 2015 9:33
Operator : UM/IZ
Sample : G4117-11
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AB-AC-08(0-2)

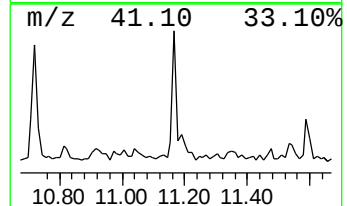
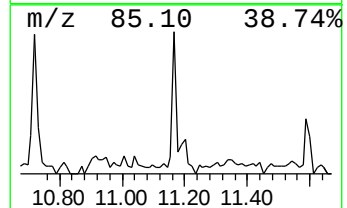
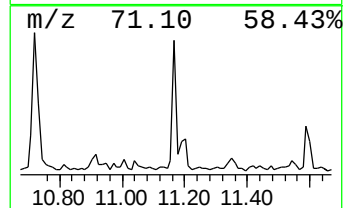
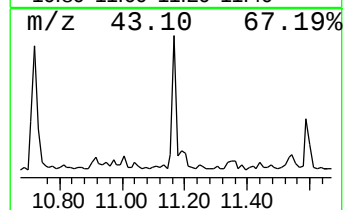
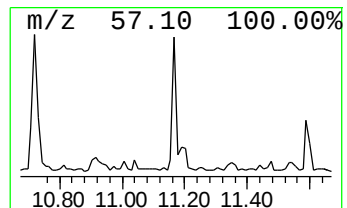
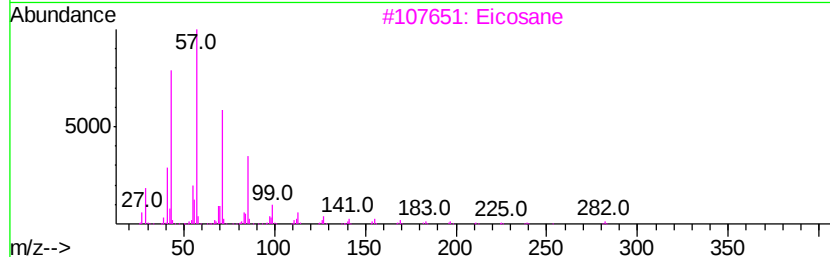
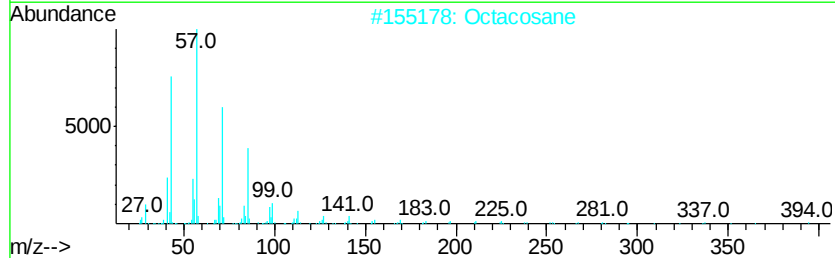
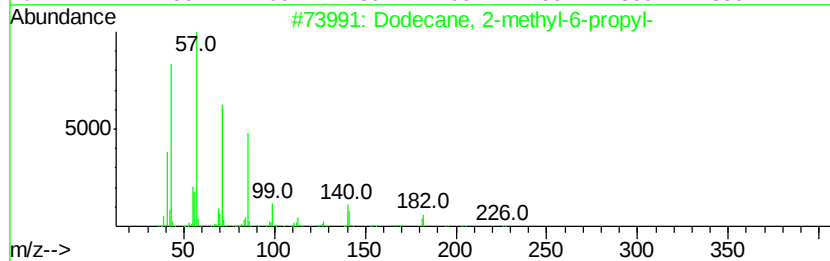
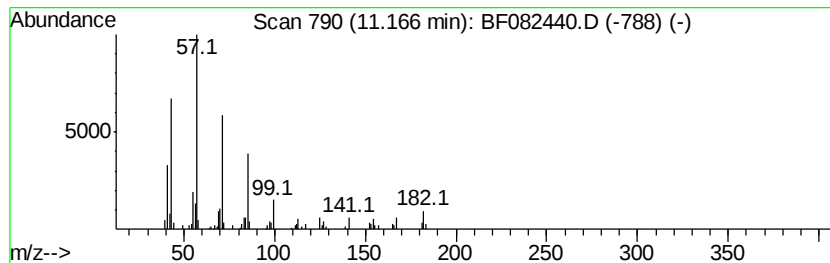
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dodecane, 2-methyl-6-propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	2.00 ng	79587	Phenanthrene-d10	11.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87	
2	Octacosane	394	C28H58	000630-02-4	74	
3	Eicosane	282	C20H42	000112-95-8	72	
4	Hexadecane	226	C16H34	000544-76-3	72	
5	Heneicosane	296	C21H44	000629-94-7	72	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102115\
Data File : BF082440.D
Acq On : 22 Oct 2015 9:33
Operator : UM/IZ
Sample : G4117-11
Misc :
ALS Vial : 39 Sample Multiplier: 1

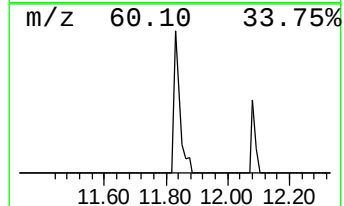
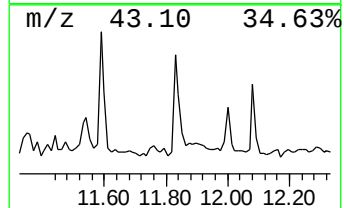
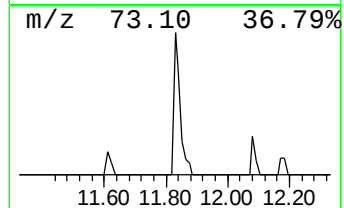
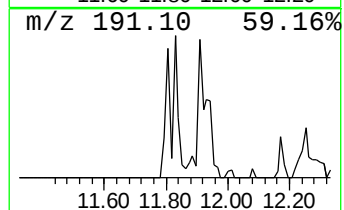
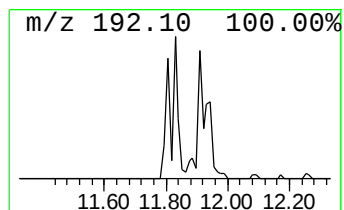
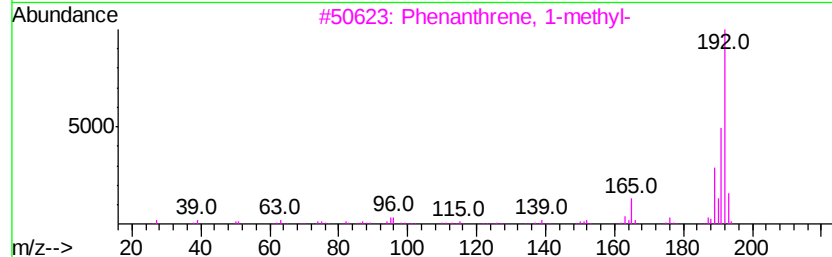
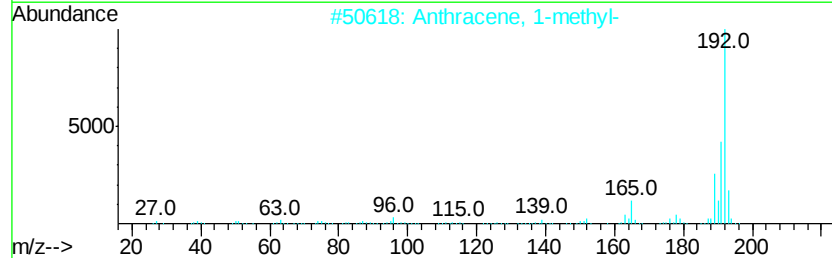
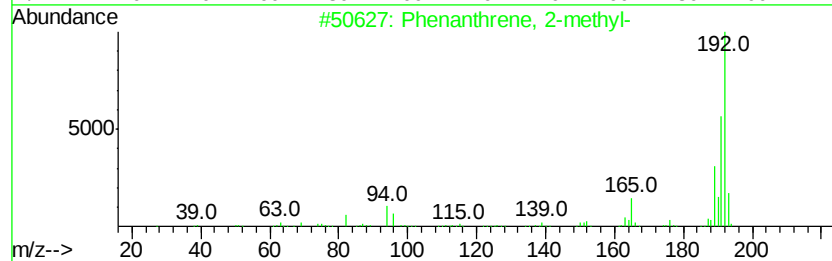
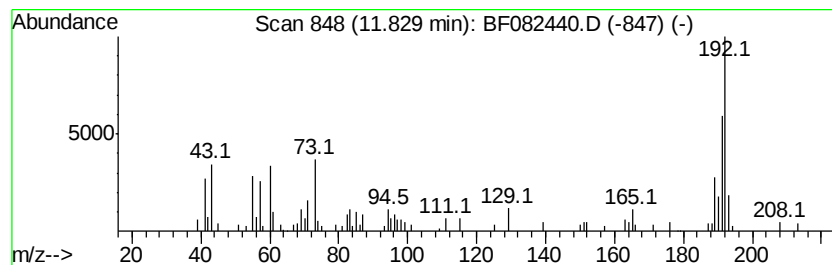
Instrument :
BNA_F
ClientSampleId :
AB-AC-08(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.83	2.42 ng	96320	Phenanthrene-d10		11.30
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	76
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102115\
Data File : BF082440.D
Acq On : 22 Oct 2015 9:33
Operator : UM/IZ
Sample : G4117-11
Misc :
ALS Vial : 39 Sample Multiplier: 1

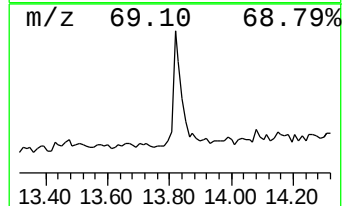
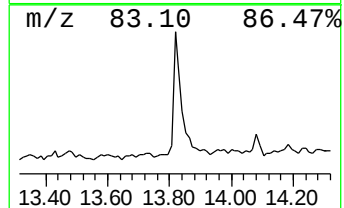
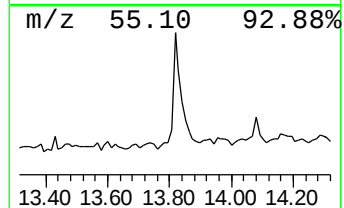
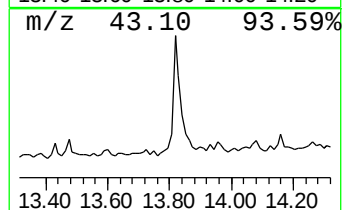
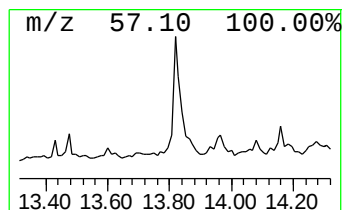
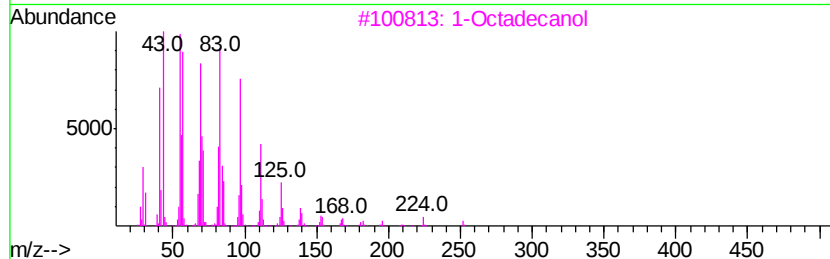
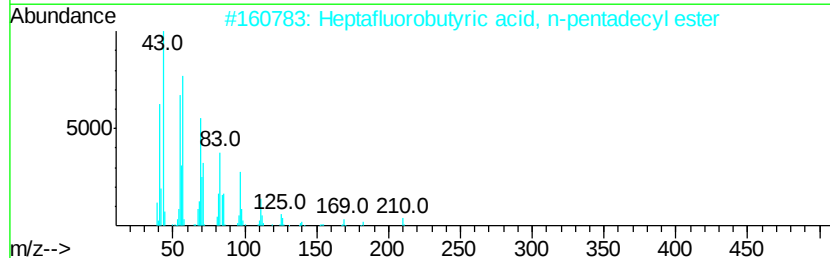
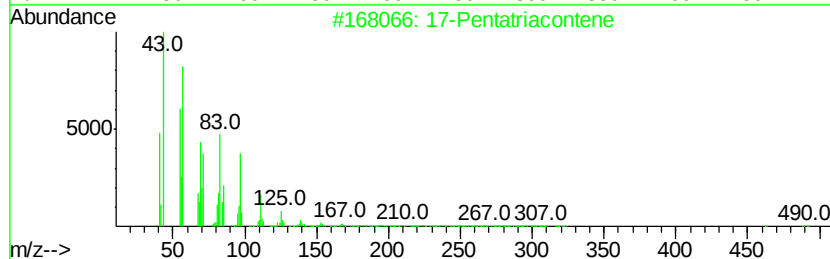
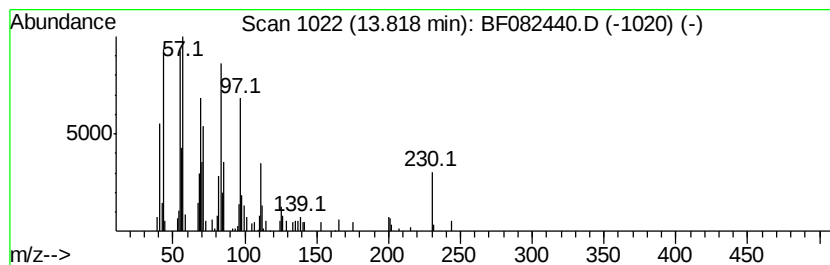
Instrument :
BNA_F
ClientSampleId :
AB-AC-08(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 17-Pentatriacontene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	2.77 ng	126755	Chrysene-d12	13.98
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	17-Pentatriacontene	491 C35H70	006971-40-0	87
2	Heptafluorobutyric acid, n-penta...	424 C19H31F7O2	1000216-79-3	83
3	1-Octadecanol	270 C18H38O	000112-92-5	81
4	1-Tetracosanol	354 C24H50O	000506-51-4	74
5	Cyclohexadecane	224 C16H32	000295-65-8	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102115\
Data File : BF082440.D
Acq On : 22 Oct 2015 9:33
Operator : UM/IZ
Sample : G4117-11
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AB-AC-08(0-2)

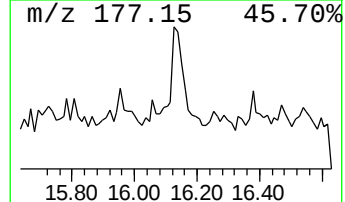
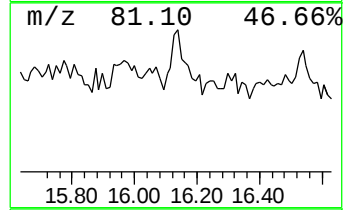
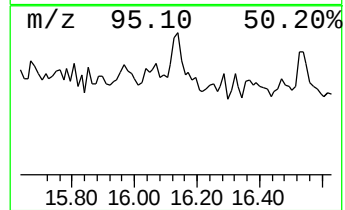
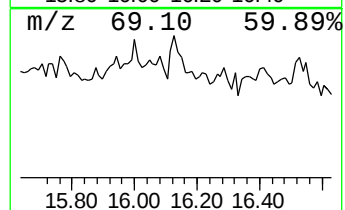
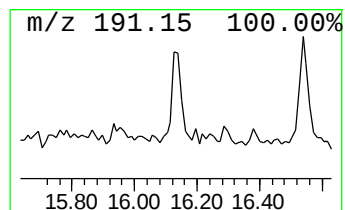
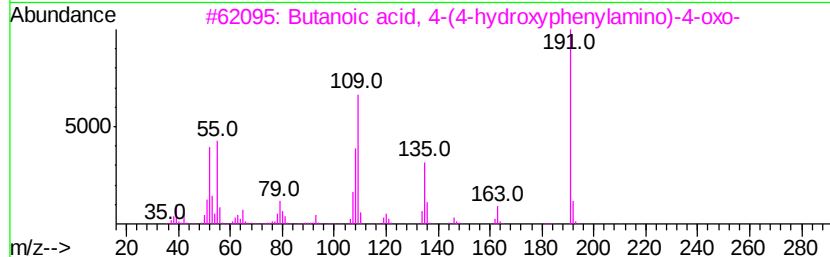
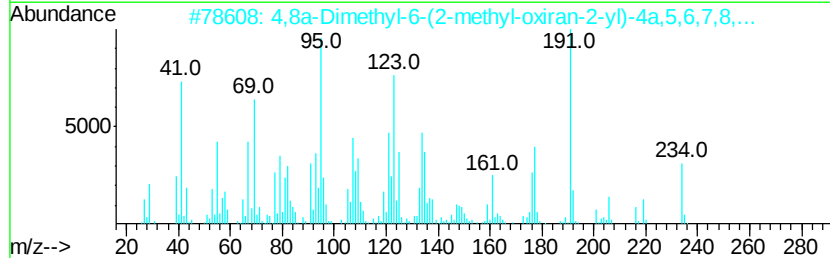
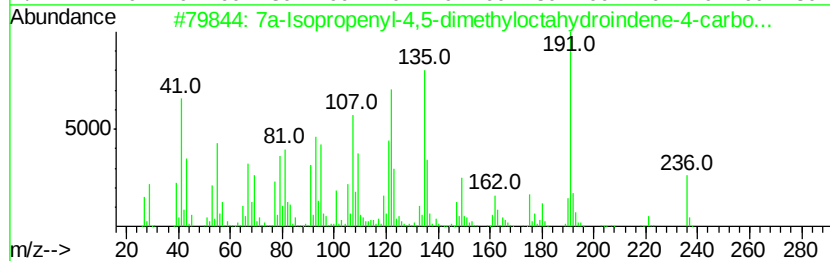
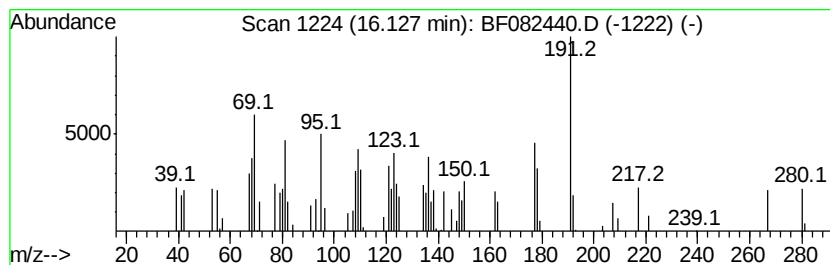
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 7a-Isopropenyl-4,5-dimethyl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	2.11 ng	71237	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7a-Isopropenyl-4,5-dimethyloctah...	236	C15H24O2	1000192-14-7	53
2		4,8a-Dimethyl-6-(2-methyl-oxiran...	234	C15H22O2	1000189-11-4	35
3		Butanoic acid, 4-(4-hydroxypheny...	209	C10H11NO4	062558-67-2	22
4		1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	22
5		Anthracene, 9-[2,2-bis(hydroxyme...	280	C19H20O2	144000-85-1	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102115\
Data File : BF082440.D
Acq On : 22 Oct 2015 9:33
Operator : UM/IZ
Sample : G4117-11
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AB-AC-08(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
2-Pentanone, 4-hy...	4.94	46.9	ng	1432840	1	6.77	611175	20.0
unknown6.54	6.54	75.2	ng	2296500	1	6.77	611175	20.0
Tridecane	10.72	2.5	ng	98518	4	11.30	795257	20.0
Dodecane, 2-methy...	11.17	2.0	ng	79587	4	11.30	795257	20.0
Phenanthrene, 2-m...	11.83	2.4	ng	96320	4	11.30	795257	20.0
17-Pentatriacontene	13.82	2.8	ng	126755	5	13.98	915300	20.0
7a-Isopropenyl-4,...	16.13	2.1	ng	71237	6	15.49	674069	20.0