

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
 Data File : BF090356.D
 Acq On : 4 Oct 2016 21:50
 Operator : UM/SJ
 Sample : H5036-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-PLANTING-SOIL

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-BF100416.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	5.217	249	252	255	rBV	1287257	1559345	22.14%	2.159%
2	5.617	284	287	289	rBV	5663751	6351941	90.19%	8.795%
3	6.463	356	361	368	rBV	40629	71834	1.02%	0.099%
4	6.577	368	371	373	rBV	51140	84059	1.19%	0.116%
5	6.634	373	376	378	rBV	5315995	7042907	100.00%	9.752%
6	6.772	386	388	391	rBV	4949134	6724564	95.48%	9.311%
7	7.012	406	409	411	rBV	2120289	1775427	25.21%	2.458%
8	7.172	420	423	425	rVB	5237567	5338422	75.80%	7.392%
9	7.572	455	458	460	rBV	4420550	4274747	60.70%	5.919%
10	7.652	462	465	469	rVB	174881	216108	3.07%	0.299%
11	8.292	519	521	524	rVB	1627107	2094699	29.74%	2.901%
12	9.378	613	616	618	rBV	6511746	6092656	86.51%	8.436%
13	9.458	620	623	625	rBV	127306	114491	1.63%	0.159%
14	9.766	648	650	652	rBV	2111427	1757947	24.96%	2.434%
15	9.983	666	669	672	rBV	141834	168719	2.40%	0.234%
16	10.052	673	675	677	rVB	1667040	2000791	28.41%	2.770%
17	10.486	712	713	715	rVB	255339	224100	3.18%	0.310%
18	10.715	729	733	736	rBV	93953	167744	2.38%	0.232%
19	10.841	742	744	747	rBV2	2811378	3419914	48.56%	4.736%
20	10.966	753	755	759	rBV	318814	428834	6.09%	0.594%
21	11.161	770	772	774	rBV	45062	75917	1.08%	0.105%
22	11.412	792	794	796	rBV	273673	249475	3.54%	0.345%
23	11.549	803	806	808	rBV	2311651	2120844	30.11%	2.937%
24	11.606	808	811	812	rVB2	78366	127822	1.81%	0.177%
25	11.766	823	825	830	rBV2	73485	154375	2.19%	0.214%
26	11.846	830	832	833	rVB	113604	131518	1.87%	0.182%
27	12.075	850	852	854	rBV	694145	758970	10.78%	1.051%
28	12.246	866	867	870	rBV	167556	175804	2.50%	0.243%
29	12.646	899	902	904	rVB3	61741	100483	1.43%	0.139%
30	12.761	910	912	913	rBV	135413	146868	2.09%	0.203%
31	12.807	915	916	919	rVB	178039	158927	2.26%	0.220%
32	12.864	919	921	926	rBV	401093	565317	8.03%	0.783%
33	13.012	933	934	937	rVB	120507	112927	1.60%	0.156%
34	13.138	942	945	947	rBV	5992533	5184516	73.61%	7.179%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090356.D
Acq On : 4 Oct 2016 21:50
Operator : UM/SJ
Sample : H5036-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-PLANTING-SOIL

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-BF100416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.572	981	983	988	rVB2	136162	266641	3.79%	0.369%
36	13.984	1017	1019	1021	rBV2	225300	372416	5.29%	0.516%
37	14.041	1021	1024	1029	rVB	372373	711248	10.10%	0.985%
38	14.190	1035	1037	1040	rVB2	1737816	2015389	28.62%	2.791%
39	14.670	1077	1079	1086	rVB	396988	816055	11.59%	1.130%
40	15.344	1136	1138	1142	rBV	821072	1238249	17.58%	1.715%
41	15.698	1166	1169	1172	rBV	1358940	1931872	27.43%	2.675%
42	15.744	1172	1173	1187	rVB	260976	675756	9.59%	0.936%
43	16.213	1211	1214	1216	rBV	496840	931463	13.23%	1.290%
44	16.258	1216	1218	1220	rVB	123007	210708	2.99%	0.292%
45	17.858	1355	1358	1361	rBV	450657	1186144	16.84%	1.642%
46	18.464	1407	1411	1416	rBV4	212628	635759	9.03%	0.880%
47	18.704	1429	1432	1435	rBV2	269971	788604	11.20%	1.092%
48	18.944	1450	1453	1460	rVB3	162709	465037	6.60%	0.644%

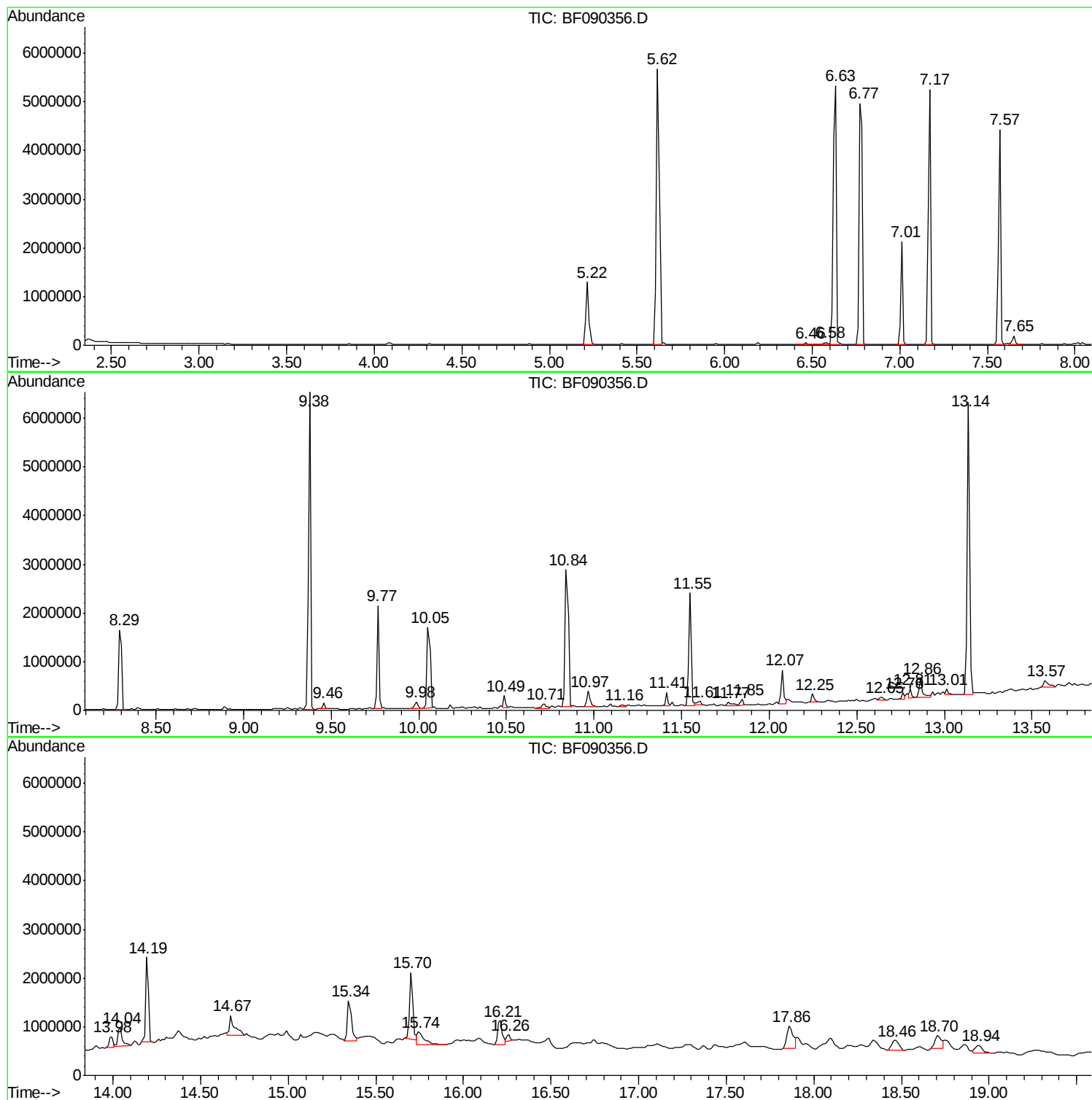
Sum of corrected areas: 72218353

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090356.D
Acq On : 4 Oct 2016 21:50
Operator : UM/SJ
Sample : H5036-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
EME-PLANTING-SOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090356.D
Acq On : 4 Oct 2016 21:50
Operator : UM/SJ
Sample : H5036-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-PLANTING-SOIL

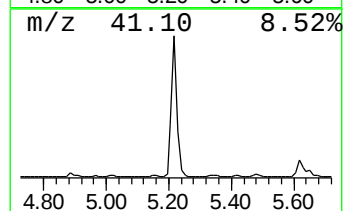
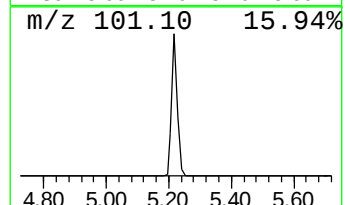
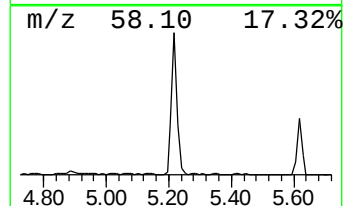
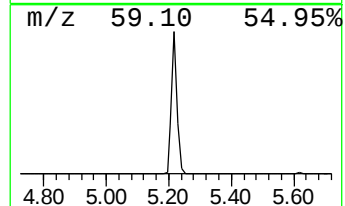
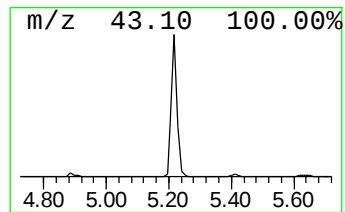
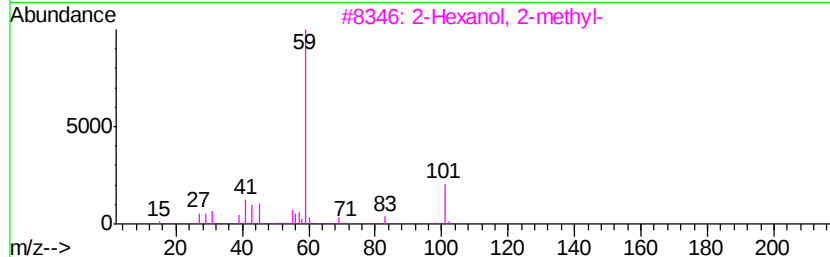
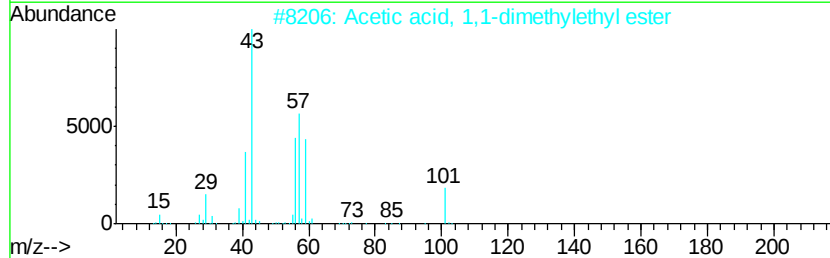
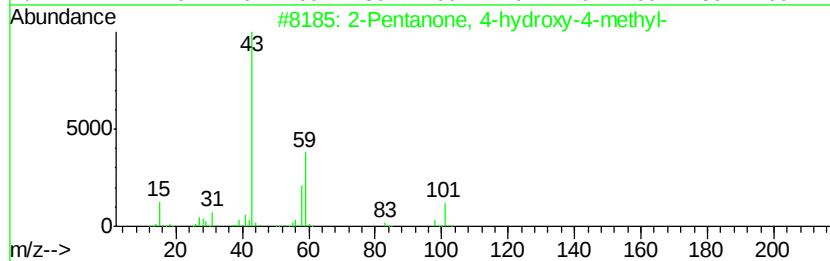
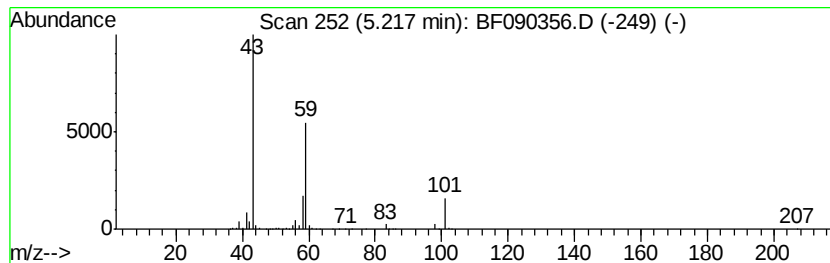
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.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.
5.22	17.57 ng	1559350	1,4-Dichlorobenzene-d4	7.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090356.D
Acq On : 4 Oct 2016 21:50
Operator : UM/SJ
Sample : H5036-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-PLANTING-SOIL

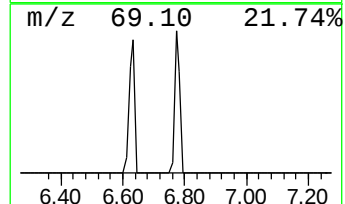
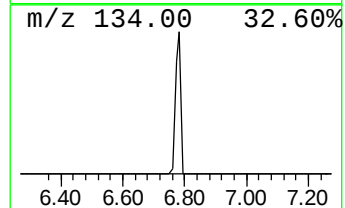
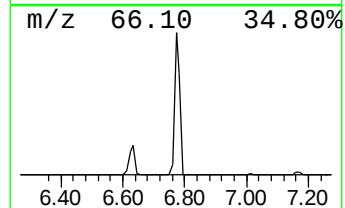
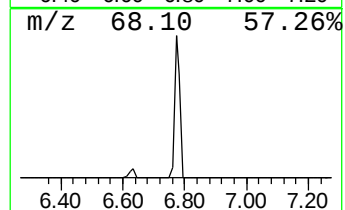
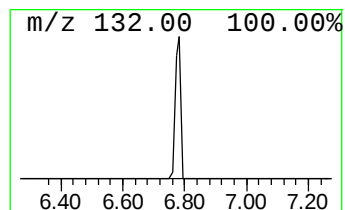
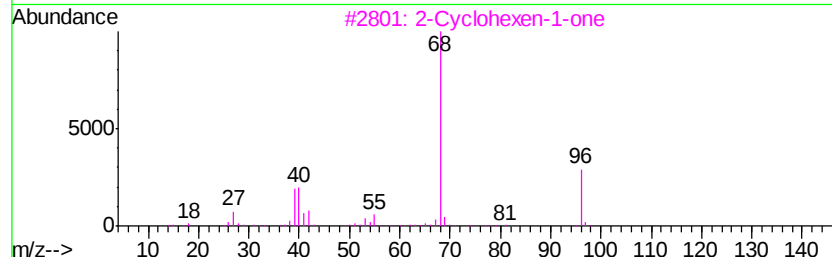
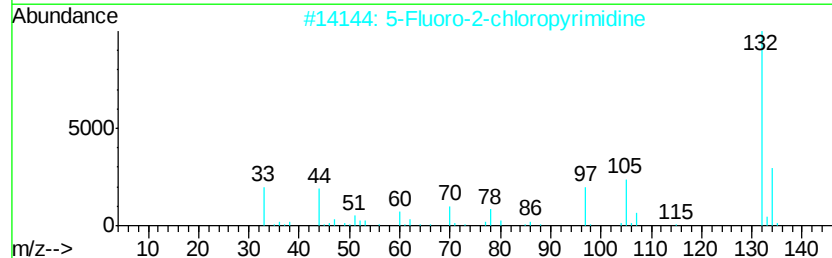
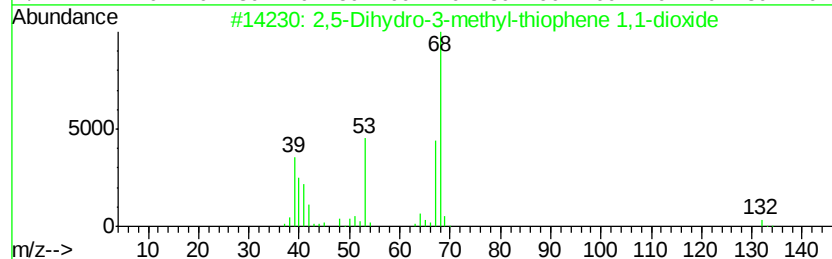
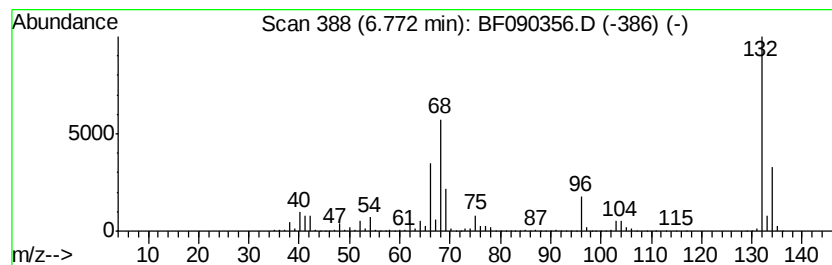
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.77 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	75.75 ng	6724560	1,4-Dichlorobenzene-d4	7.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Dihydro-3-methyl-thiophene 1...	132	C5H8O2S	001193-10-8	17		
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12		
3	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11		
4	5-Aminoindole	132	C8H8N2	005192-03-0	10		
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10		



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090356.D
Acq On : 4 Oct 2016 21:50
Operator : UM/SJ
Sample : H5036-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-PLANTING-SOIL

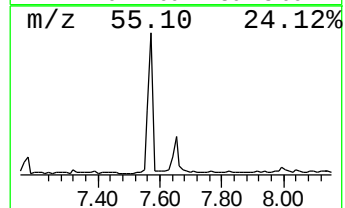
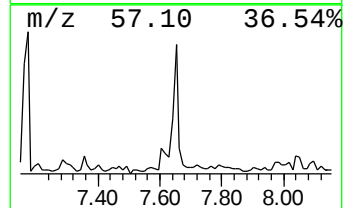
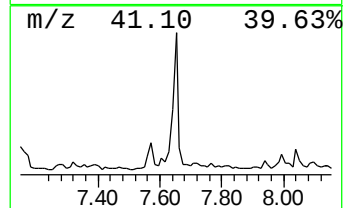
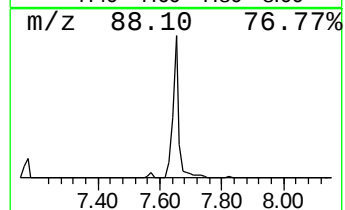
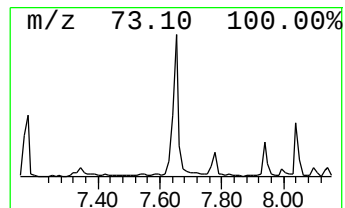
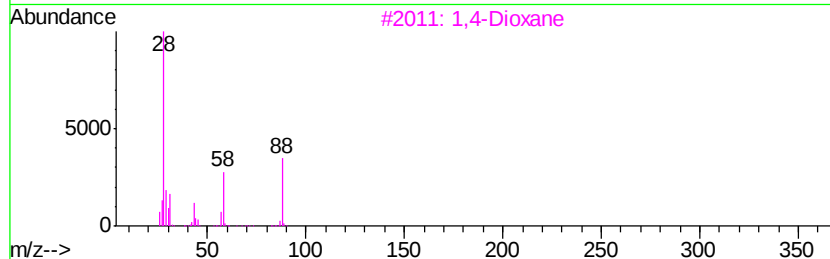
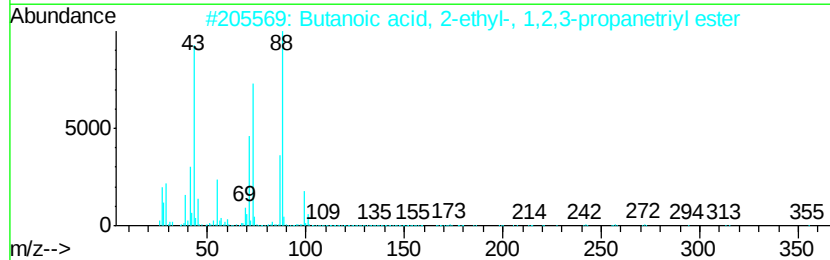
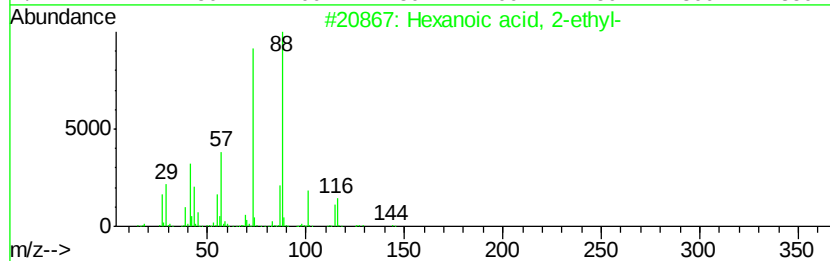
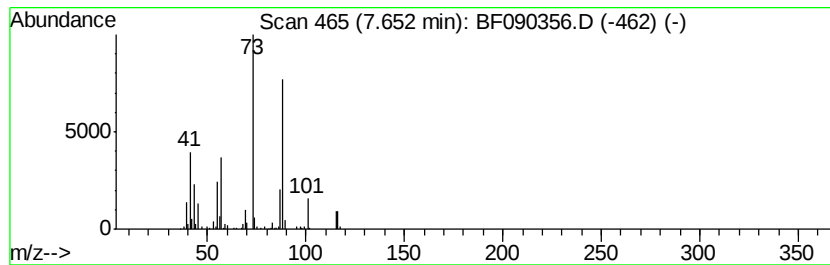
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Hexanoic acid, 2-ethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	2.06 ng	216108	Naphthalene-d8	8.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	72
2		Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	45
3		1,4-Dioxane	88	C4H8O2	000123-91-1	43
4		Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	42
5		Methyl 2,3,4-tri-O-methyl-6-deox...	220	C10H20O5	072983-16-5	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090356.D
Acq On : 4 Oct 2016 21:50
Operator : UM/SJ
Sample : H5036-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-PLANTING-SOIL

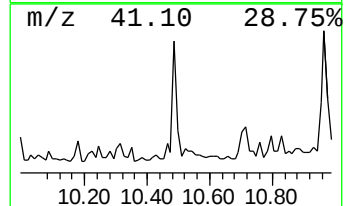
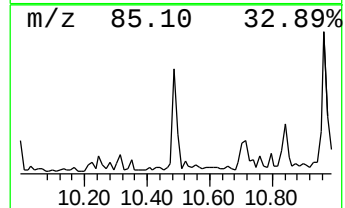
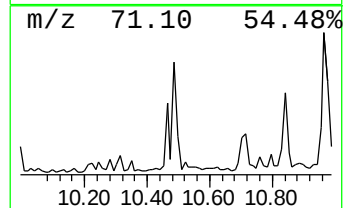
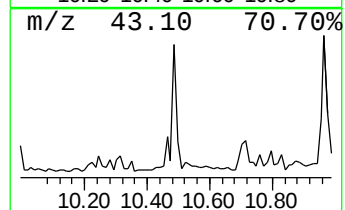
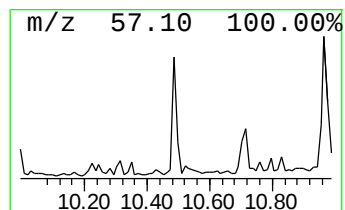
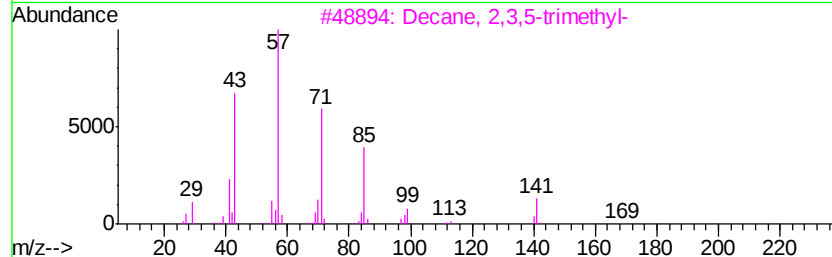
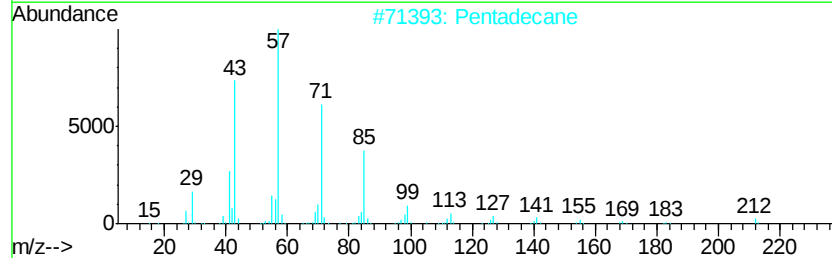
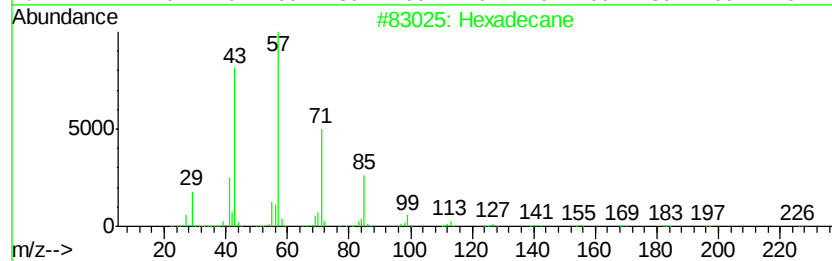
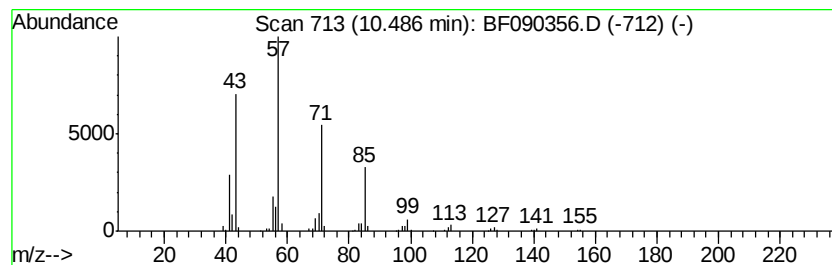
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	2.24 ng	224100	Acenaphthene-d10	10.05

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	91
2	Pentadecane		212	C15H32	000629-62-9	90
3	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	78
4	Sulfurous acid, 2-ethylhexyl hex...		278	C14H30O3S	1000309-20-2	72
5	Tetradecane		198	C14H30	000629-59-4	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090356.D
Acq On : 4 Oct 2016 21:50
Operator : UM/SJ
Sample : H5036-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-PLANTING-SOIL

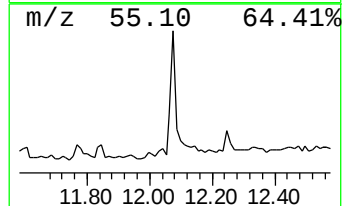
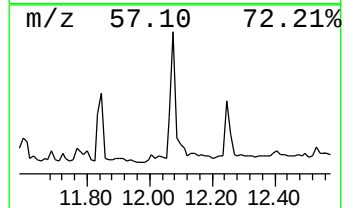
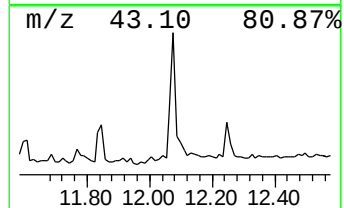
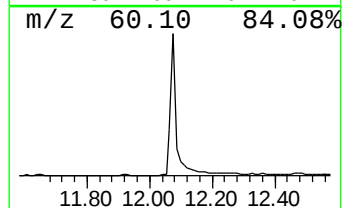
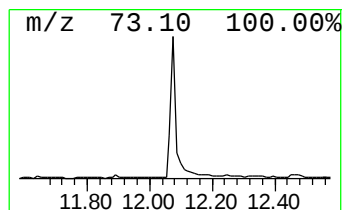
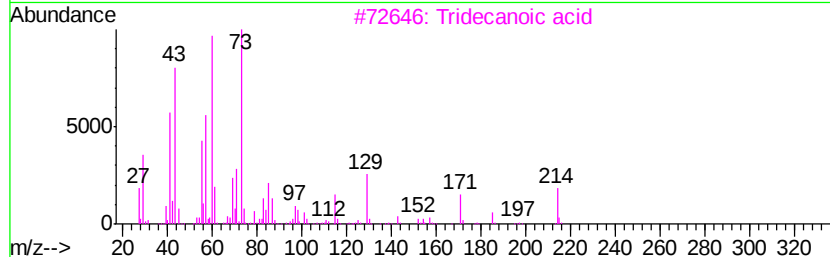
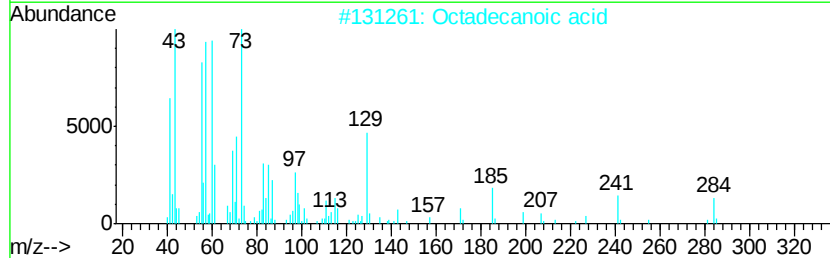
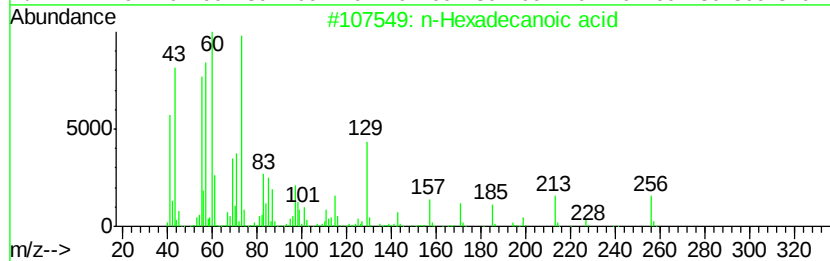
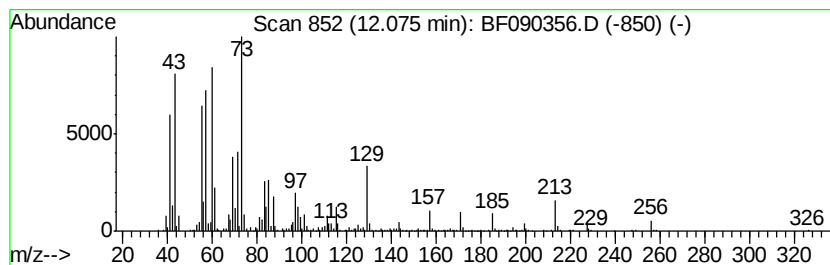
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	7.16 ng	758970	Phenanthrene-d10	11.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99	
2	Octadecanoic acid	284	C18H36O2	000057-11-4	90	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	87	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	80	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090356.D
Acq On : 4 Oct 2016 21:50
Operator : UM/SJ
Sample : H5036-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

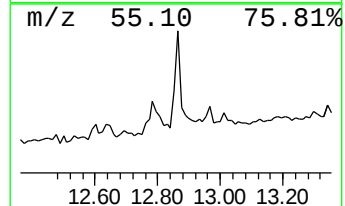
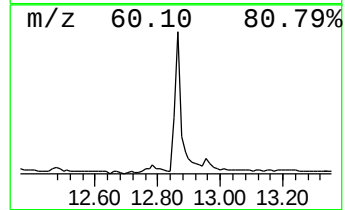
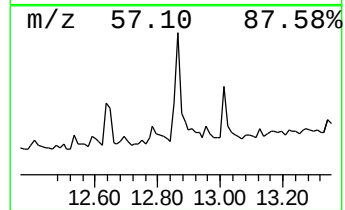
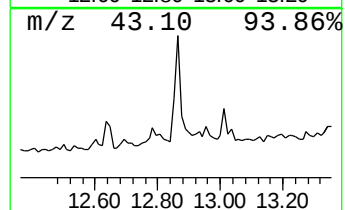
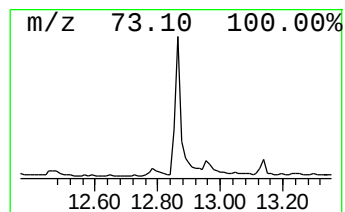
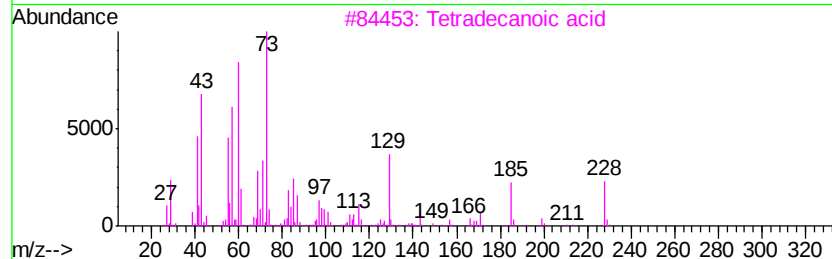
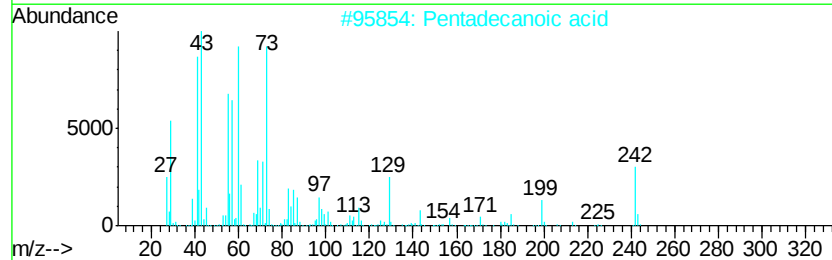
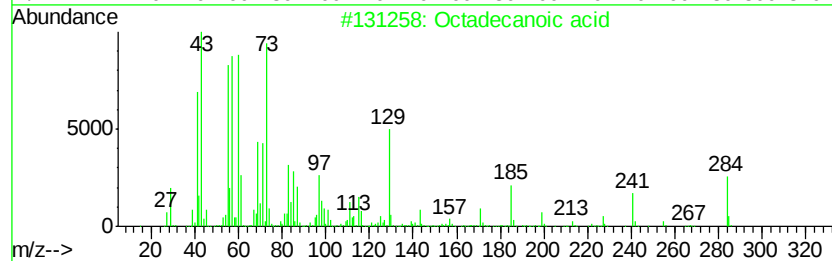
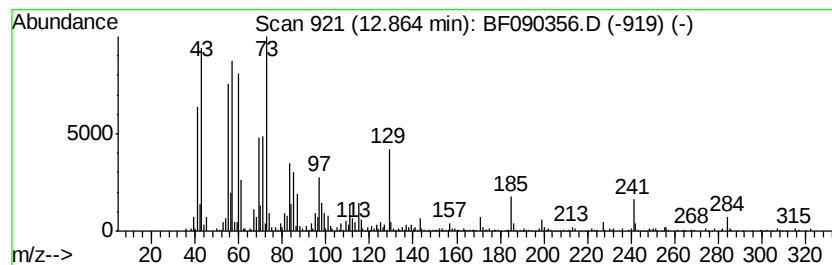
Instrument :
BNA_F
ClientSampleId :
EME-PLANTING-SOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.86	5.33 ng	565317	Phenanthrene-d10		11.55	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	74
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4		n-PROPYL NONYL ETHER	186	C12H26O	1000130-69-3	25
5		Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090356.D
Acq On : 4 Oct 2016 21:50
Operator : UM/SJ
Sample : H5036-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-PLANTING-SOIL

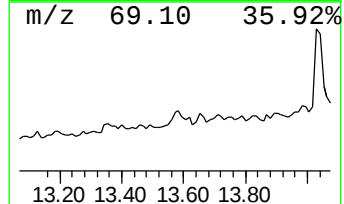
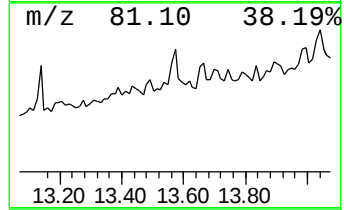
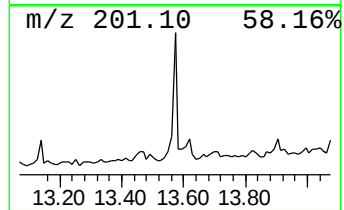
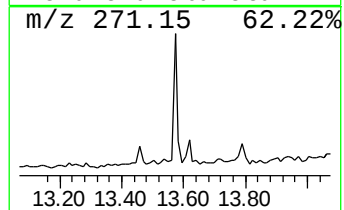
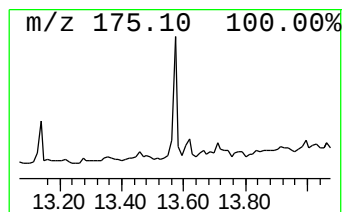
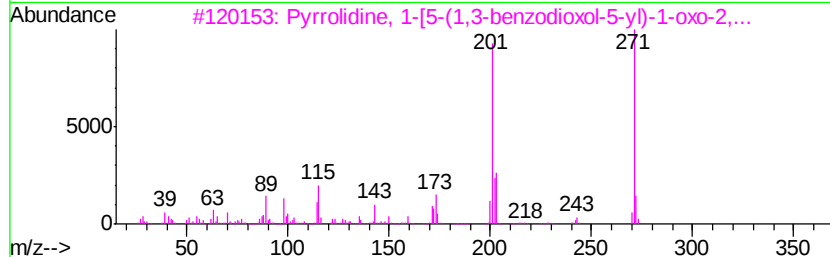
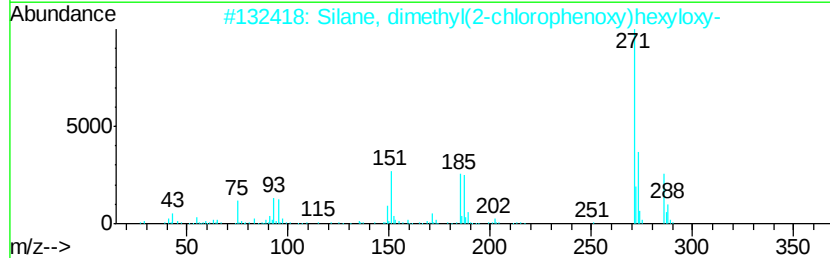
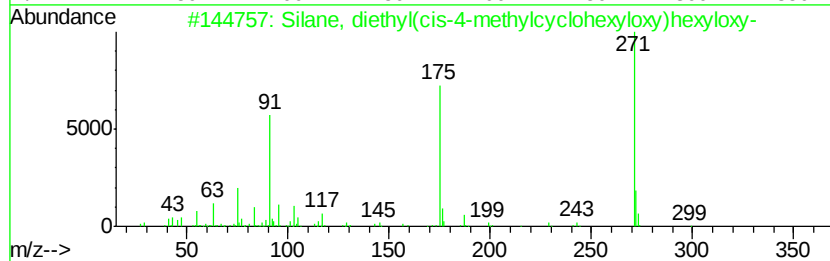
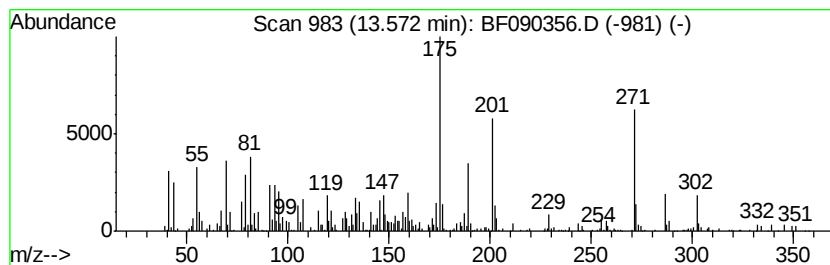
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown13.57 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	2.65 ng	266641	Chrysene-d12	14.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Silane, diethyl(cis-4-methylcycl...	300	C17H36O2Si	1000363-55-2	38
2		Silane, dimethyl(2-chlorophenoxy...	286	C14H23ClO2Si	1000347-07-3	35
3		Pyrrolidine, 1-[5-(1,3-benzodiox...	271	C16H17N03	025924-78-1	22
4		2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	22
5		Succinimide, 3-cyclohexyl-N-phenyl-	257	C16H19NO2	206271-64-9	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090356.D
Acq On : 4 Oct 2016 21:50
Operator : UM/SJ
Sample : H5036-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-PLANTING-SOIL

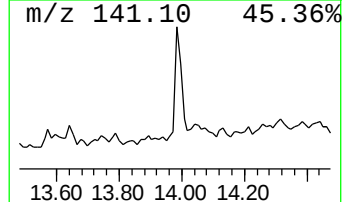
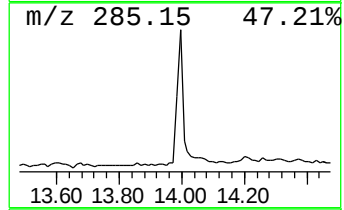
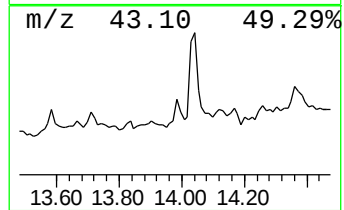
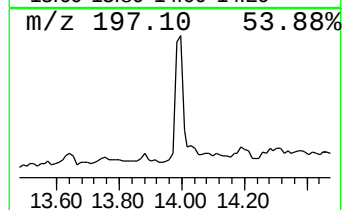
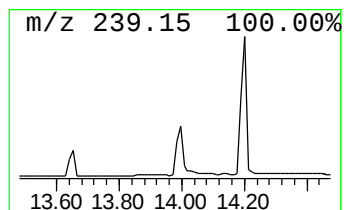
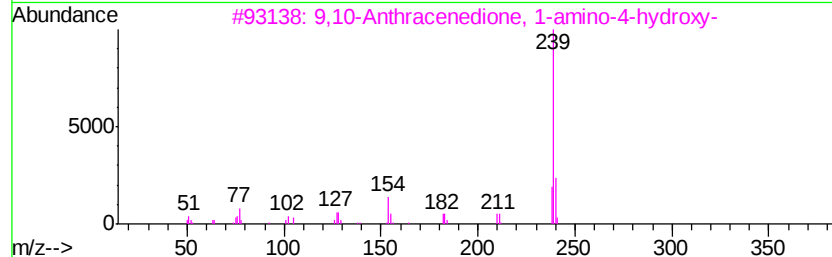
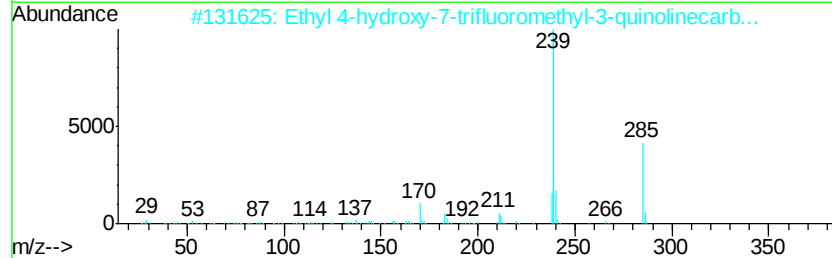
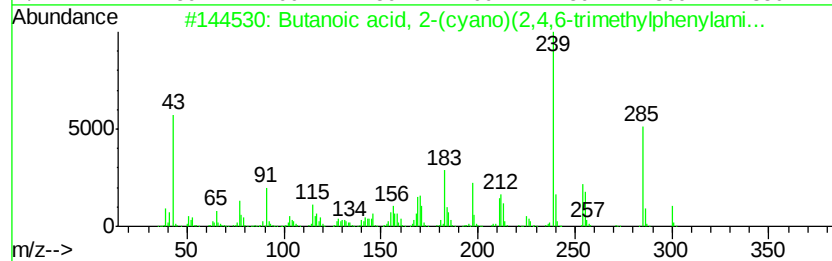
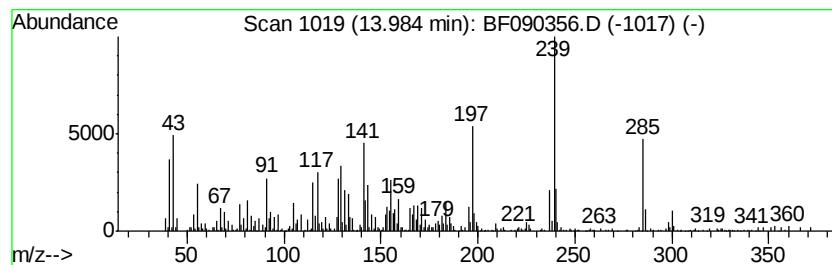
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Butanoic acid, 2-(cyano)(2,... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	3.70 ng	372416	Chrysene-d12	14.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanoic acid, 2-(cyano)(2,4,6-t...	300	C17H20N2O3	1000267-71-7	64
2		Ethyl 4-hydroxy-7-trifluoromethy...	285	C13H10F3N03	000391-02-6	43
3		9,10-Anthracenedione, 1-amino-4-...	239	C14H9N03	000116-85-8	25
4		N,N-Dimethyl-2,2-diphenyl-2-phen...	345	C22H23N3O	072572-06-6	22
5		Cobalt, (.eta.5-2,4-cyclopentadi...	239	C14H12Co	088242-61-9	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090356.D
Acq On : 4 Oct 2016 21:50
Operator : UM/SJ
Sample : H5036-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-PLANTING-SOIL

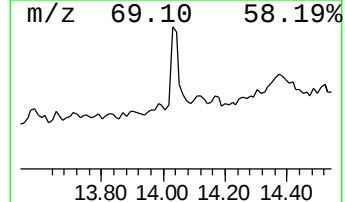
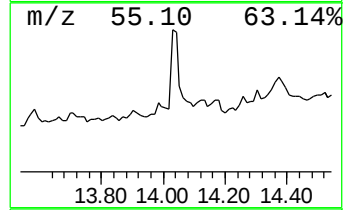
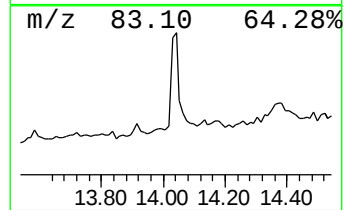
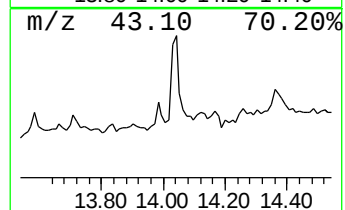
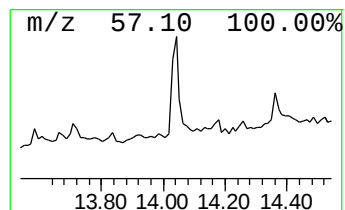
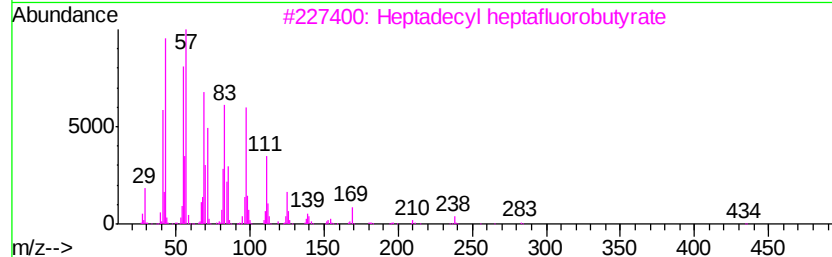
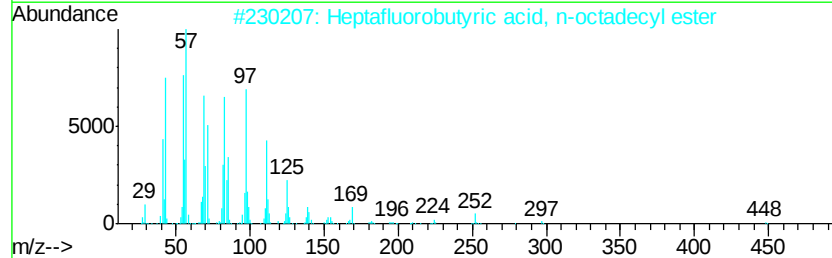
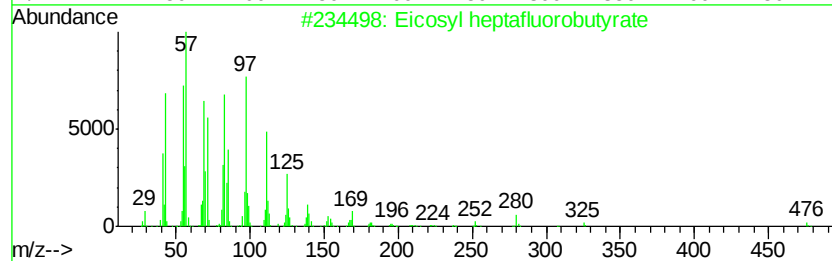
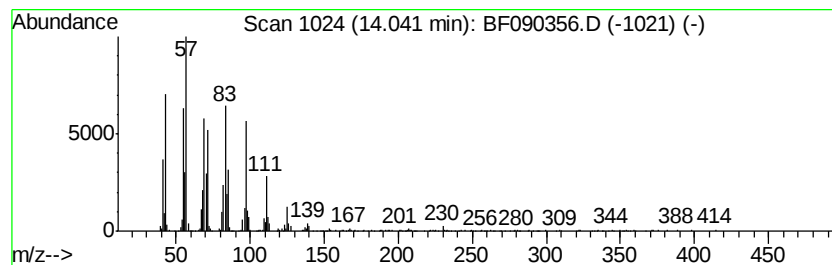
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Eicosyl heptafluorobutyrate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	7.06 ng	711248	Chrysene-d12	14.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	91
2		Heptafluorobutyric acid, n-octadecyl ester	466	C22H37F7O2	000400-57-7	91
3		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
4		Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91
5		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090356.D
Acq On : 4 Oct 2016 21:50
Operator : UM/SJ
Sample : H5036-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-PLANTING-SOIL

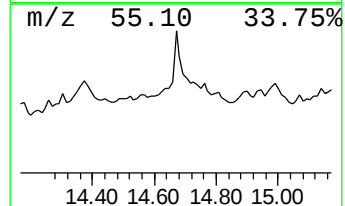
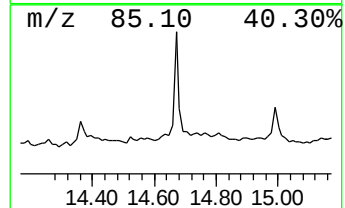
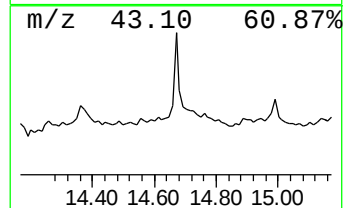
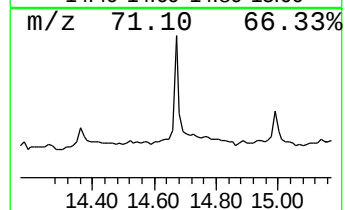
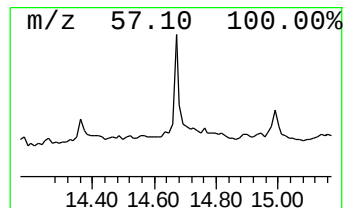
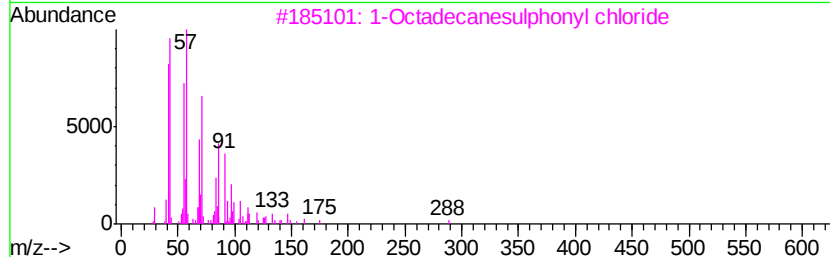
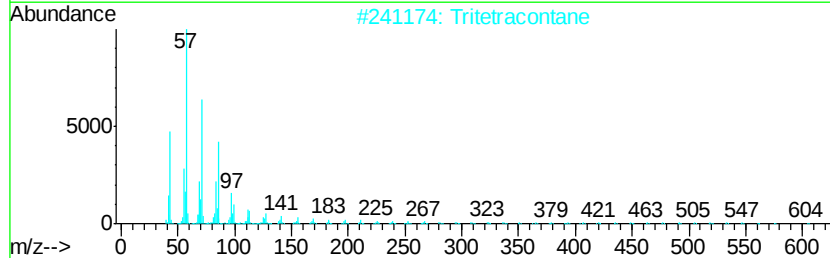
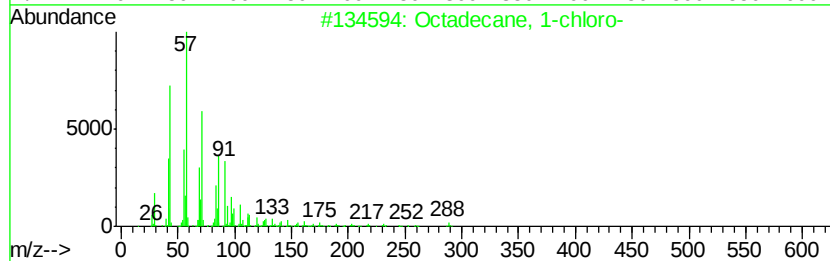
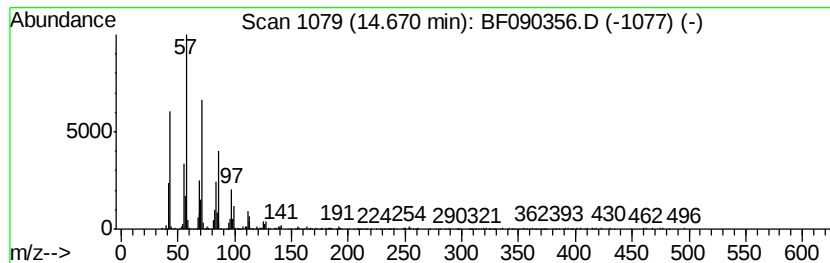
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octadecane, 1-chloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	8.10 ng	816055	Chrysene-d12	14.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	91
2		Tritetracontane	605	C43H88	007098-21-7	87
3		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	86
4		Heptadecane	240	C17H36	000629-78-7	83
5		Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090356.D
Acq On : 4 Oct 2016 21:50
Operator : UM/SJ
Sample : H5036-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-PLANTING-SOIL

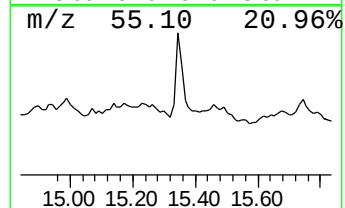
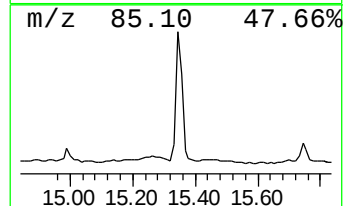
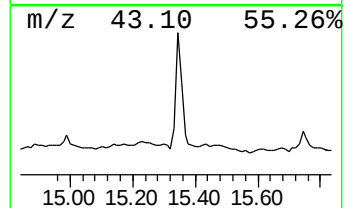
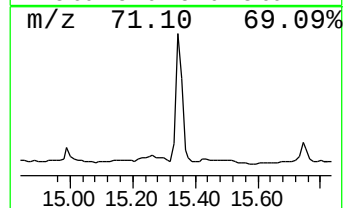
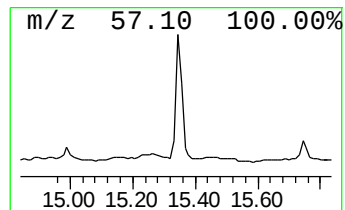
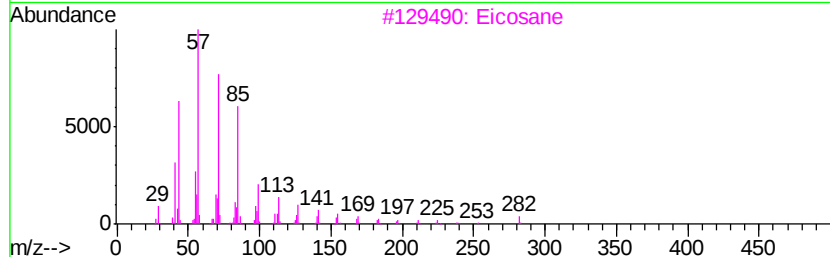
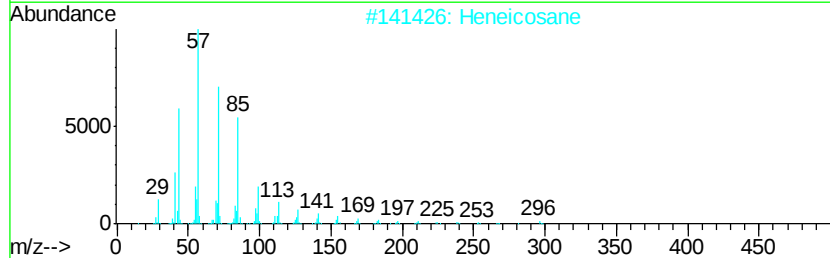
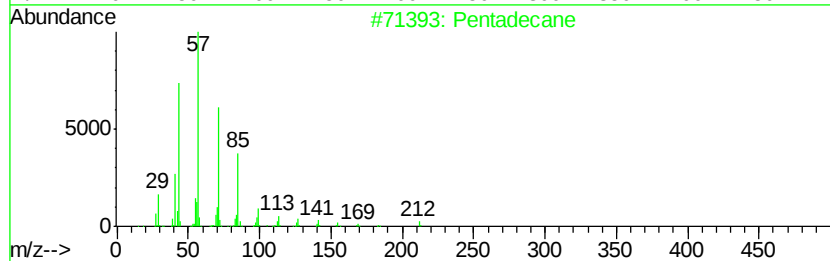
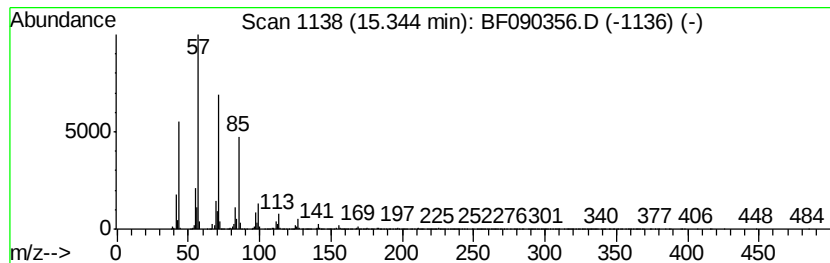
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pentadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	12.82 ng	1238250	Perylene-d12	15.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Eicosane	282	C20H42	000112-95-8	90
4		Tetracosane	338	C24H50	000646-31-1	86
5		Heptacosane	380	C27H56	000593-49-7	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090356.D
Acq On : 4 Oct 2016 21:50
Operator : UM/SJ
Sample : H5036-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-PLANTING-SOIL

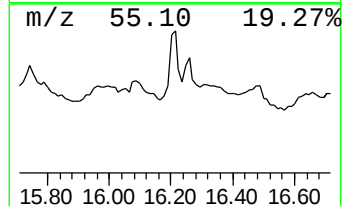
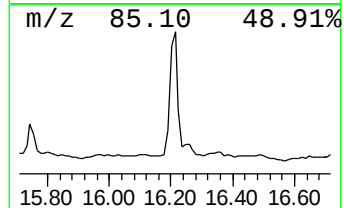
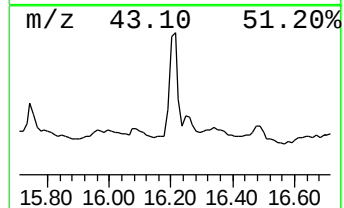
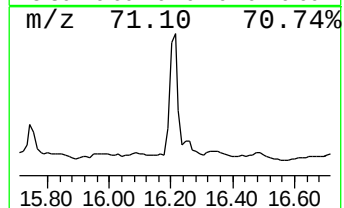
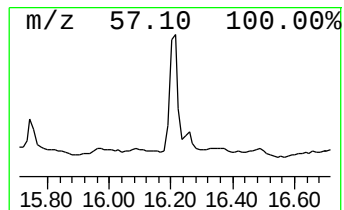
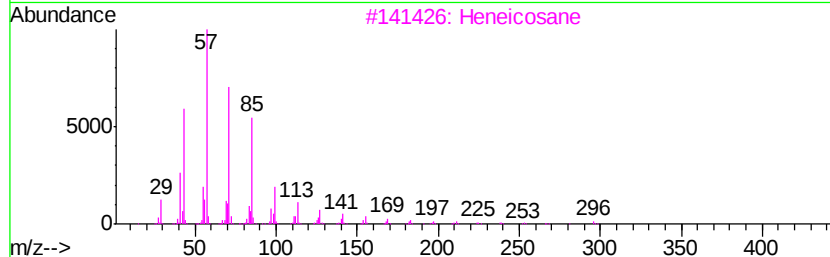
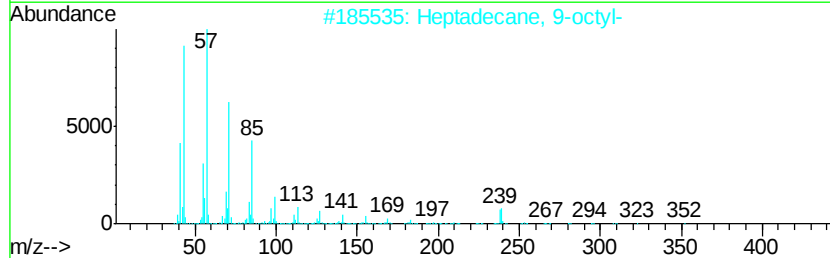
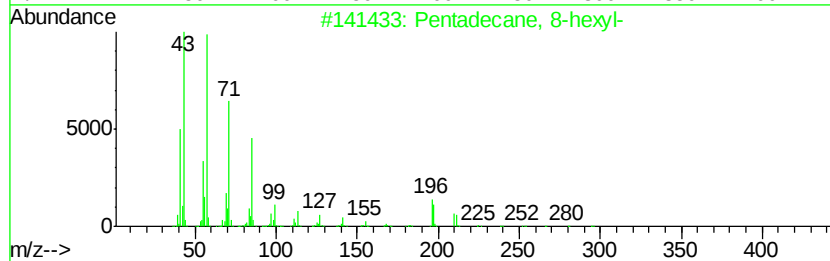
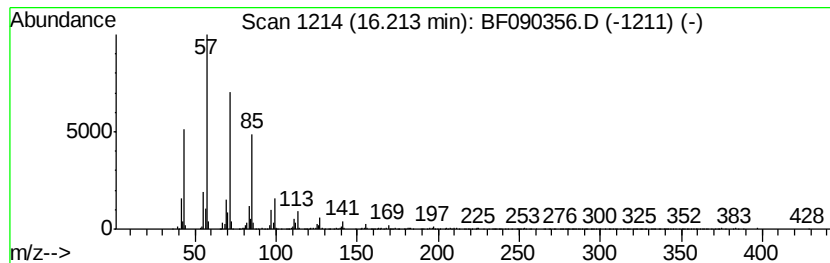
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pentadecane, 8-hexyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.21	9.64 ng	931463	Perylene-d12	15.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
2			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
3			Heneicosane	296	C21H44	000629-94-7	91
4			Tricosane	324	C23H48	000638-67-5	90
5			Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090356.D
Acq On : 4 Oct 2016 21:50
Operator : UM/SJ
Sample : H5036-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-PLANTING-SOIL

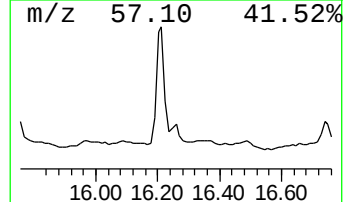
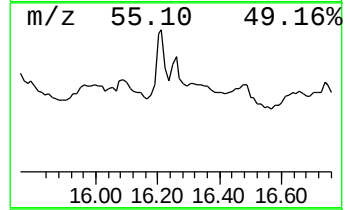
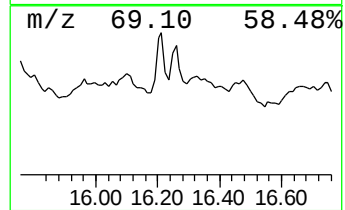
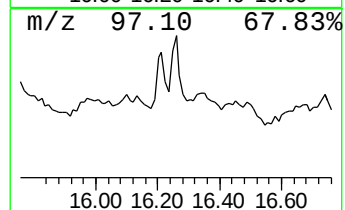
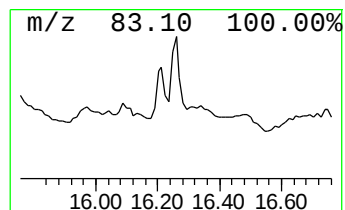
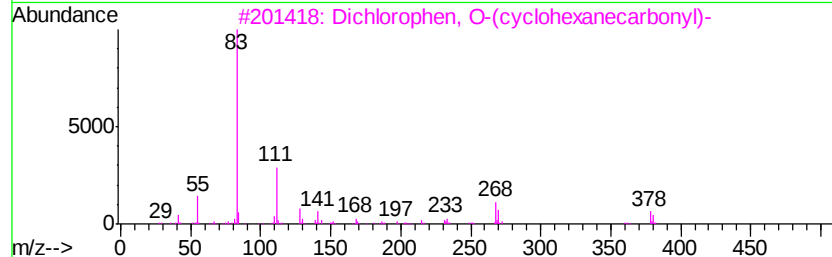
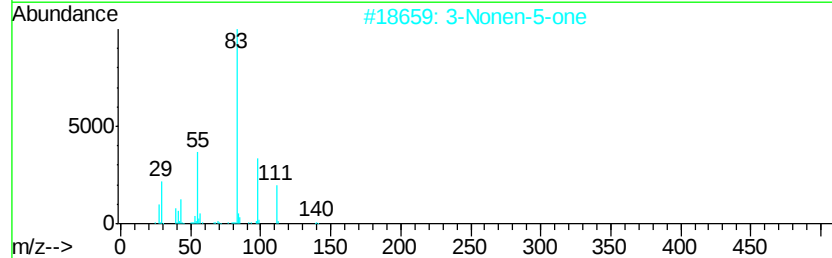
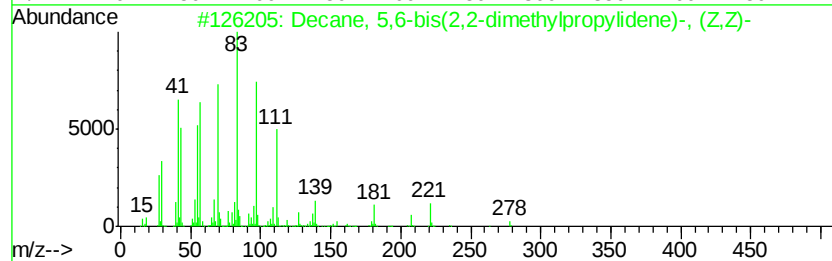
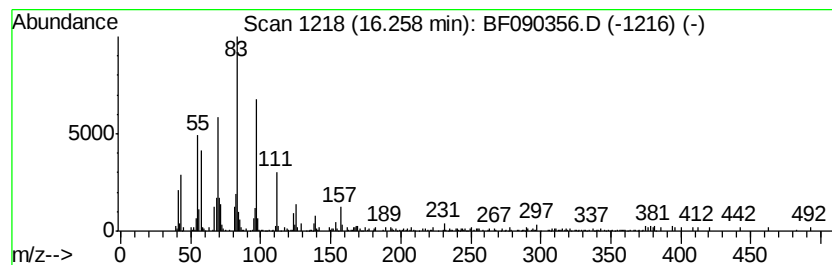
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Decane, 5,6-bis(2,2-dimethy... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.26	2.18 ng	210708	Perylene-d12	15.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 5,6-bis(2,2-dimethylprop...	278	C20H38	073002-85-4	60
2		3-Nonen-5-one	140	C9H16O	082456-34-6	50
3		Dichlorophen, O-(cyclohexanecarb...	378	C20H20Cl2O3	1000354-65-6	50
4		Cyclohexanecarboxylic acid, ethe...	154	C9H14O2	004840-76-0	47
5		Methanone, dicyclohexyl-	194	C13H22O	000119-60-8	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090356.D
Acq On : 4 Oct 2016 21:50
Operator : UM/SJ
Sample : H5036-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-PLANTING-SOIL

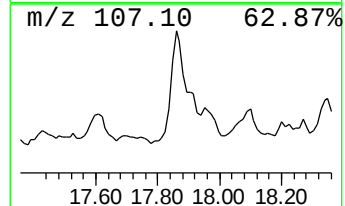
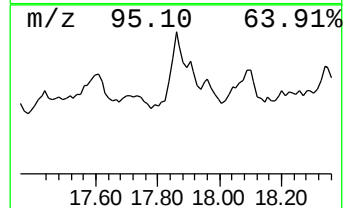
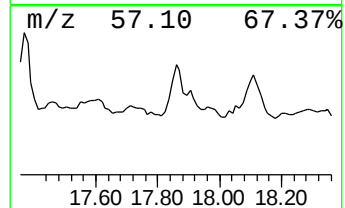
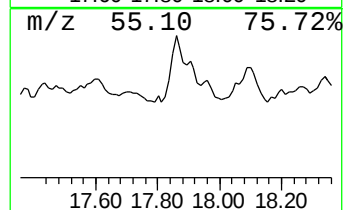
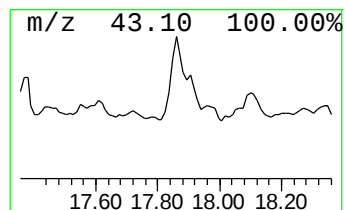
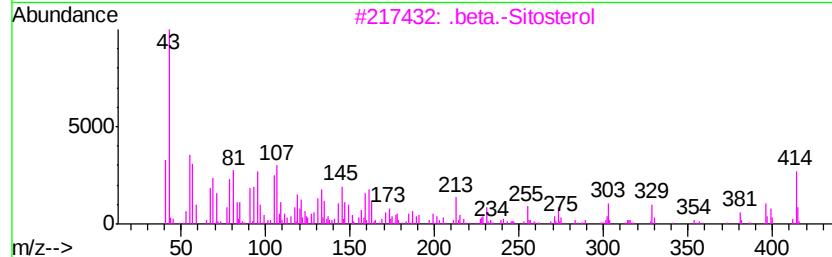
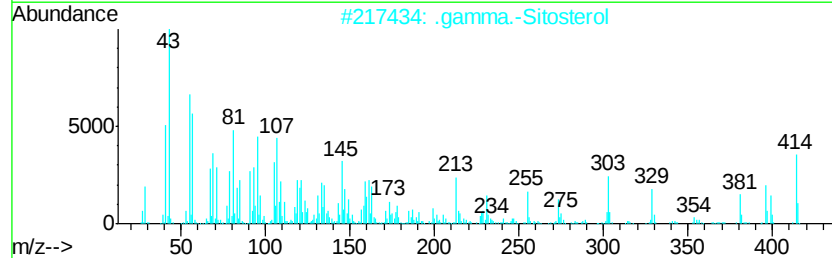
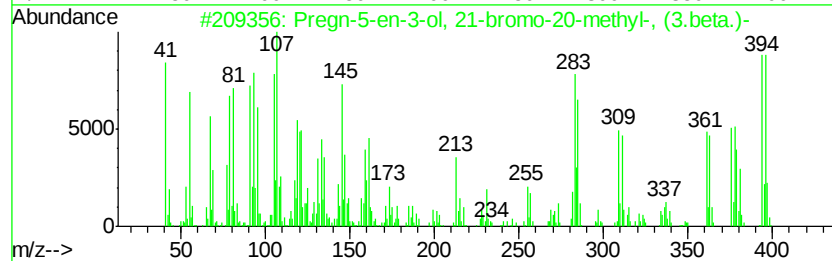
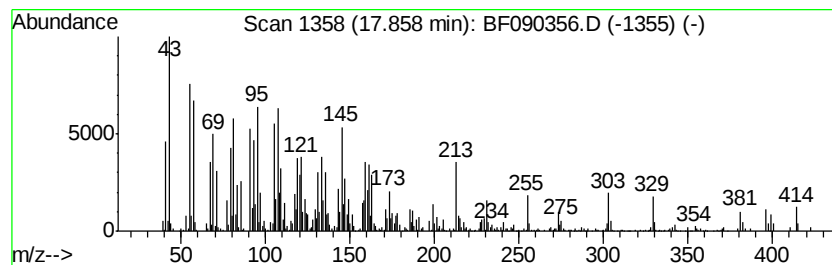
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pregn-5-en-3-ol, 21-bromo-2... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	12.28 ng	1186140	Perylene-d12	15.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	95
2		.gamma.-Sitosterol	414	C29H50O	000083-47-6	91
3		.beta.-Sitosterol	414	C29H50O	000083-46-5	89
4		Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	53
5		Isocholesteryl methyl ether	400	C28H48O	029944-53-4	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090356.D
Acq On : 4 Oct 2016 21:50
Operator : UM/SJ
Sample : H5036-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

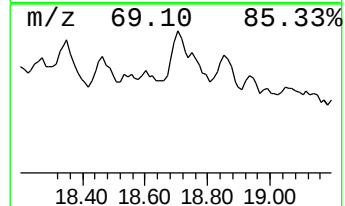
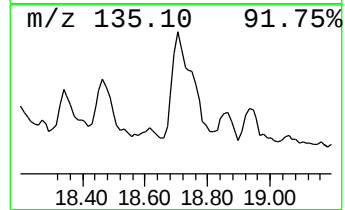
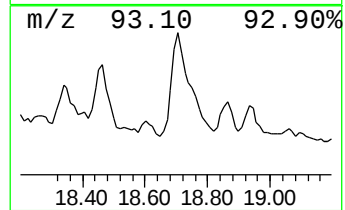
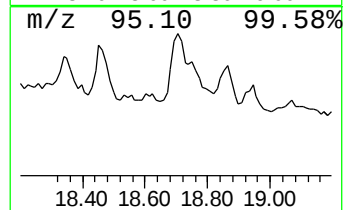
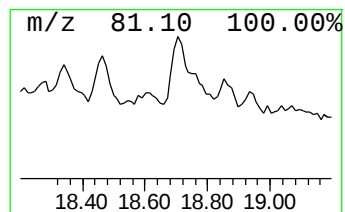
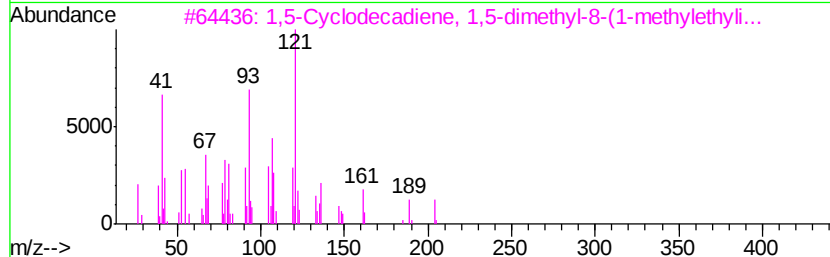
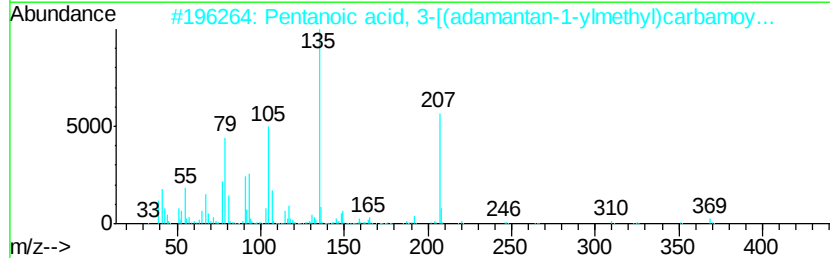
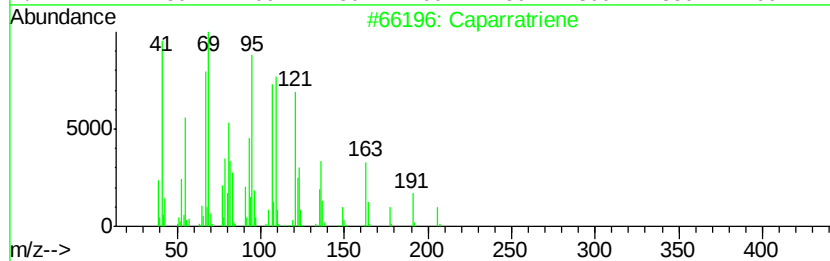
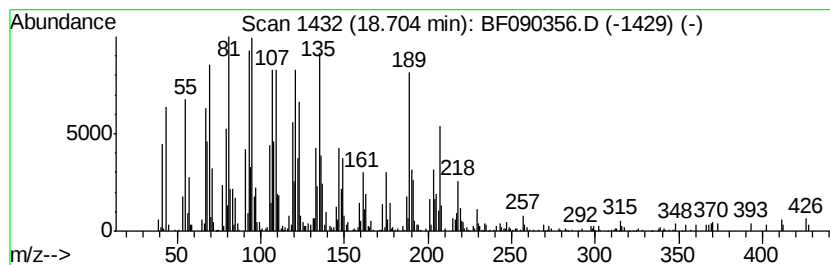
Instrument :
BNA_F
ClientSampleId :
EME-PLANTING-SOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Caparratriene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	8.16 ng	788604	Perylene-d12	15.70
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Caparratriene	206 C15H26	1000374-08-7	78
2	Pentanoic acid, 3-[(adamantan-1-...	369 C23H31NO3	1000316-89-1	44
3	1,5-Cyclodecadiene, 1,5-dimethyl...	204 C15H24	015423-57-1	44
4	(-)-Neoclovene-(I), dihydro-	206 C15H26	1000152-82-1	38
5	2,3,3-Trimethyl-2-(3-methyl-buta...	206 C14H22O	1000193-60-6	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090356.D
Acq On : 4 Oct 2016 21:50
Operator : UM/SJ
Sample : H5036-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-PLANTING-SOIL

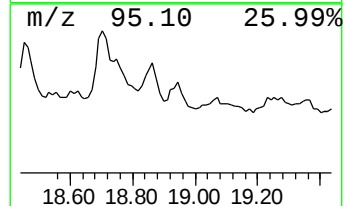
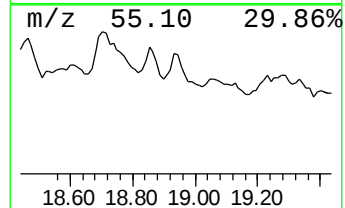
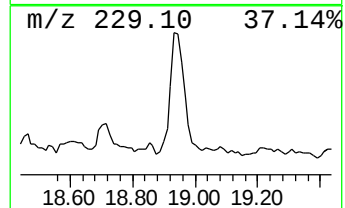
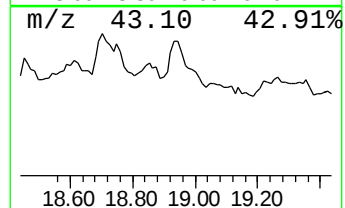
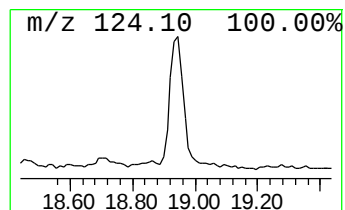
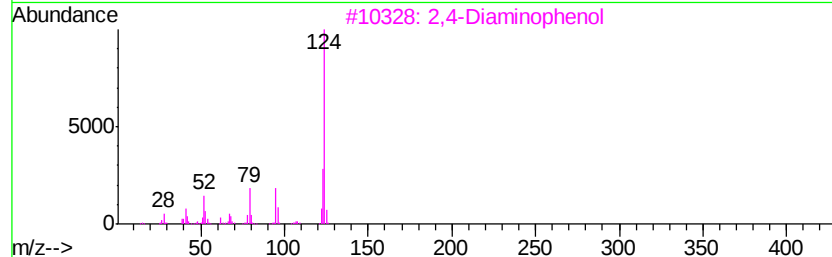
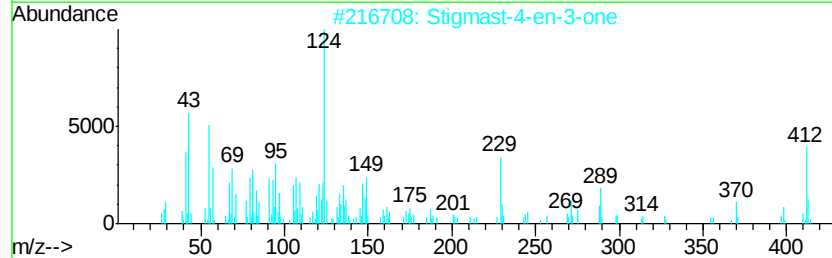
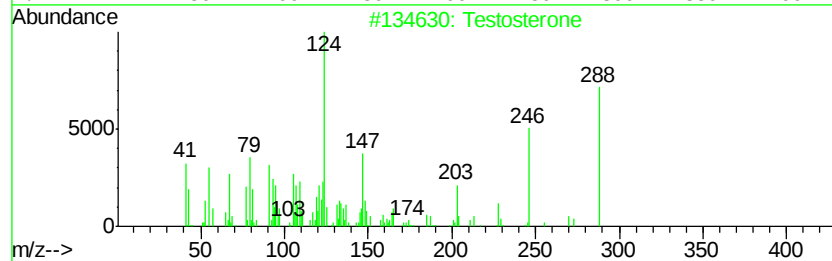
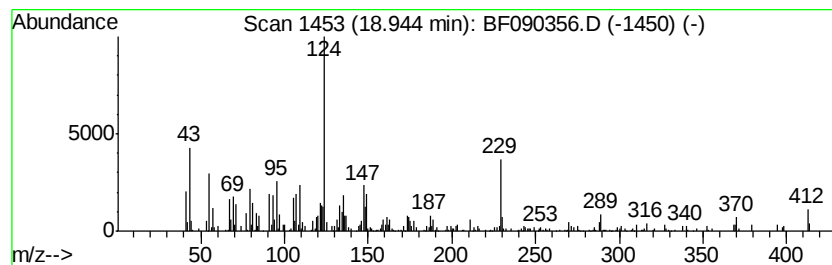
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Testosterone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.94	4.81 ng	465037	Perylene-d12	15.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Testosterone	288	C19H28O2	000058-22-0	53
2			Stigmast-4-en-3-one	412	C29H48O	001058-61-3	49
3			2,4-Diaminophenol	124	C6H8N2O	000095-86-3	38
4			Bromoacetic acid, 4-methoxypheny...	244	C9H9BrO3	1000308-04-8	38
5			Pregn-4-ene-3,20-dione, (9.beta....	314	C21H30O2	002755-10-4	37



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
 Data File : BF090356.D
 Acq On : 4 Oct 2016 21:50
 Operator : UM/SJ
 Sample : H5036-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-PLANTING-SOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.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
2-Pentanone, 4-hy...	5.22	17.6	ng	1559350	1	7.01	1775430	20.0
unknown6.77	6.77	75.8	ng	6724560	1	7.01	1775430	20.0
Hexanoic acid, 2-...	7.65	2.1	ng	216108	2	8.29	2094700	20.0
Hexadecane	10.49	2.2	ng	224100	3	10.05	2000790	20.0
n-Hexadecanoic acid	12.08	7.2	ng	758970	4	11.55	2120840	20.0
Octadecanoic acid	12.86	5.3	ng	565317	4	11.55	2120840	20.0
unknown13.57	13.57	2.6	ng	266641	5	14.19	2015390	20.0
Butanoic acid, 2-...	13.98	3.7	ng	372416	5	14.19	2015390	20.0
Eicosyl heptaflu...	14.04	7.1	ng	711248	5	14.19	2015390	20.0
Octadecane, 1-chl...	14.67	8.1	ng	816055	5	14.19	2015390	20.0
Pentadecane	15.34	12.8	ng	1238250	6	15.70	1931870	20.0
Pentadecane, 8-he...	16.21	9.6	ng	931463	6	15.70	1931870	20.0
Decane, 5,6-bis(2...	16.26	2.2	ng	210708	6	15.70	1931870	20.0
Pregn-5-en-3-ol, ...	17.86	12.3	ng	1186140	6	15.70	1931870	20.0
Urs-12-ene	18.46	6.6	ng	635759	6	15.70	1931870	20.0
Caparratriene	18.70	8.2	ng	788604	6	15.70	1931870	20.0
Testosterone	18.94	4.8	ng	465037	6	15.70	1931870	20.0