

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093016\
 Data File : BF090330.D
 Acq On : 30 Sep 2016 23:33
 Operator : UM/SJ
 Sample : H5036-01
 Misc :
 ALS Vial : 9 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-BF092016.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	1.632	3	4	53	rVB	2906709	7989291	100.00%	27.247%
2	4.536	255	258	267	rVB	228894	367845	4.60%	1.255%
3	5.039	299	302	304	rBV	1631944	2308615	28.90%	7.873%
4	6.101	392	395	396	rBV	224897	236575	2.96%	0.807%
5	6.136	396	398	404	rVV	2038991	2246461	28.12%	7.661%
6	6.227	404	406	409	rVB	2034949	2159325	27.03%	7.364%
7	6.456	424	426	429	rBV	782753	677435	8.48%	2.310%
8	6.616	437	440	442	rBV	2075235	1996211	24.99%	6.808%
9	7.027	474	476	479	rBV	1078625	1143432	14.31%	3.900%
10	7.747	537	539	541	rBV	1059041	888590	11.12%	3.030%
11	8.833	631	634	636	rBV	2047794	2327637	29.13%	7.938%
12	9.233	667	669	671	rBV	707509	711900	8.91%	2.428%
13	9.496	690	692	694	rVB	593954	790675	9.90%	2.697%
14	10.273	758	760	763	rVB2	950488	1026011	12.84%	3.499%
15	10.422	770	773	777	rBV	111790	147542	1.85%	0.503%
16	10.959	818	820	822	rBV	771566	658913	8.25%	2.247%
17	12.033	907	914	915	rBV4	37677	82368	1.03%	0.281%
18	12.548	956	959	961	rBV	1092183	1482818	18.56%	5.057%
19	12.776	976	979	983	rBV2	36867	85699	1.07%	0.292%
20	13.462	1036	1039	1042	rBV	122972	223971	2.80%	0.764%
21	13.576	1046	1049	1051	rBV	575707	691620	8.66%	2.359%
22	14.091	1091	1094	1097	rBV	141467	204896	2.56%	0.699%
23	14.662	1142	1144	1148	rVB	272892	296461	3.71%	1.011%
24	14.891	1162	1164	1167	rVB	275392	388905	4.87%	1.326%
25	15.302	1198	1200	1202	rBV	152715	188513	2.36%	0.643%

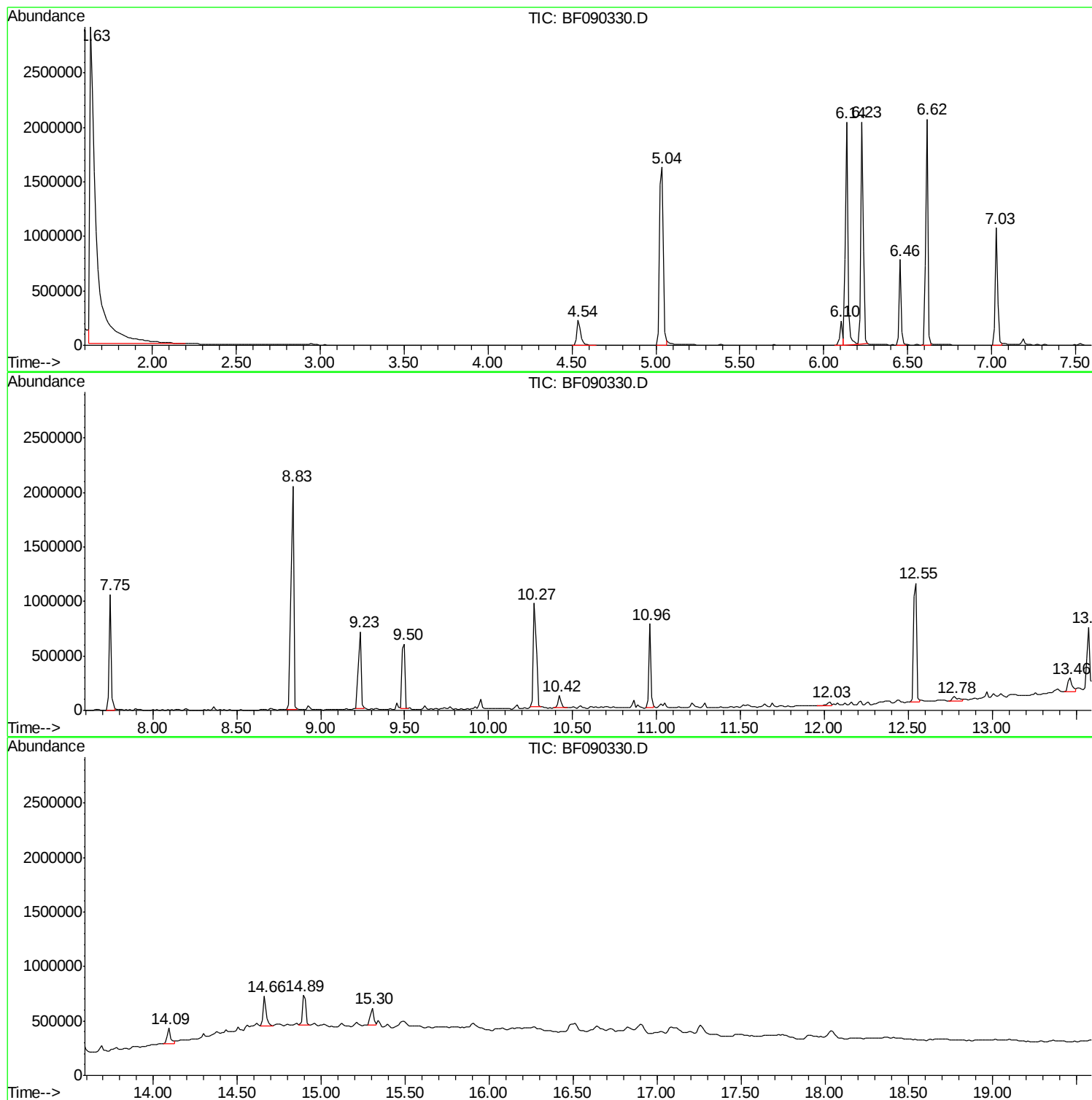
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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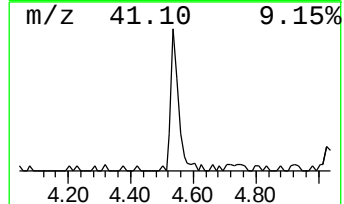
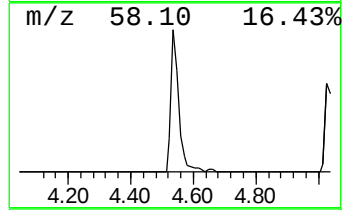
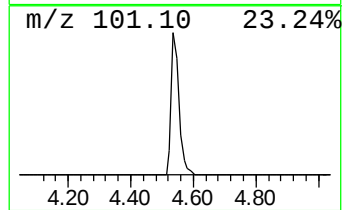
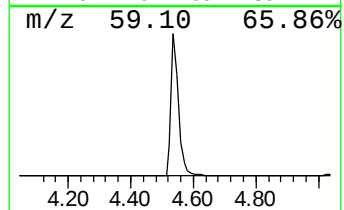
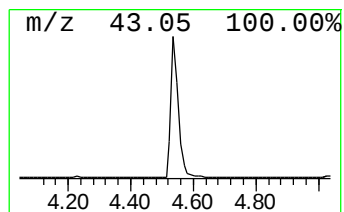
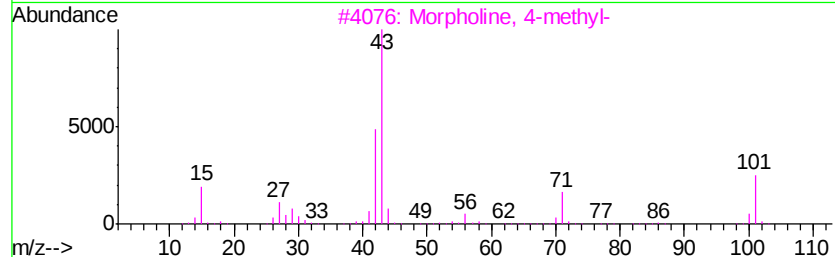
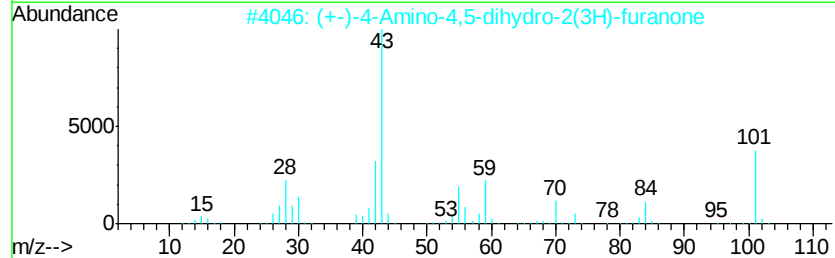
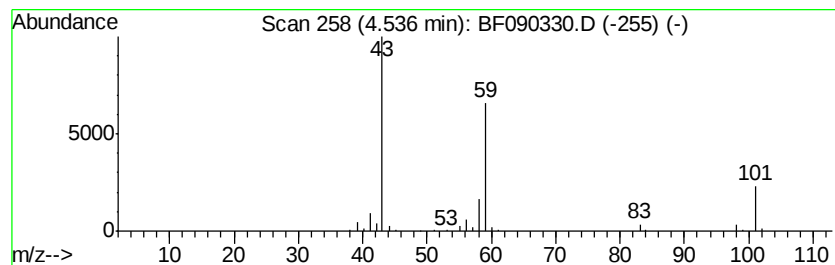
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.54	10.86 ng	367845	1,4-Dichlorobenzene-d4	6.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		(+)-4-Amino-4,5-dihydro-2(3H)-furanone	101	C4H7NO2	016504-58-8	9
3		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4		5-Hexen-2-one	98	C6H10O	000109-49-9	9
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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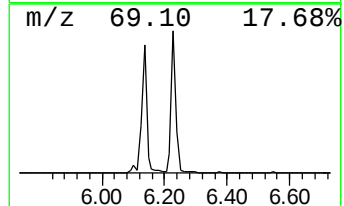
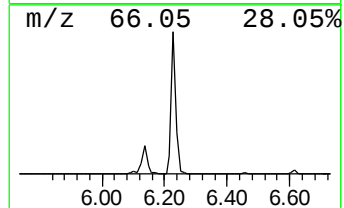
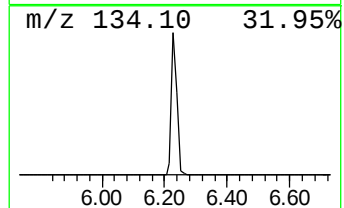
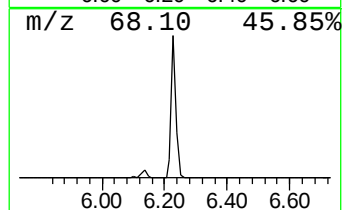
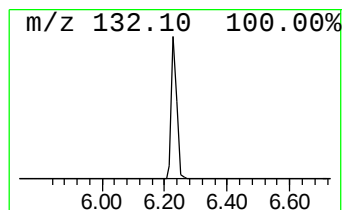
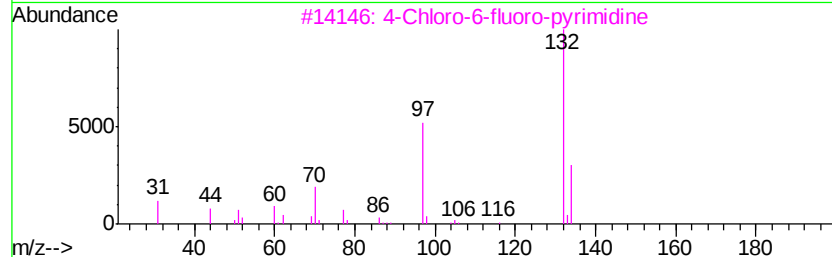
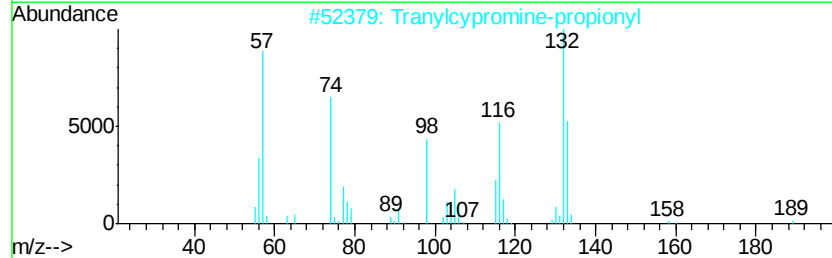
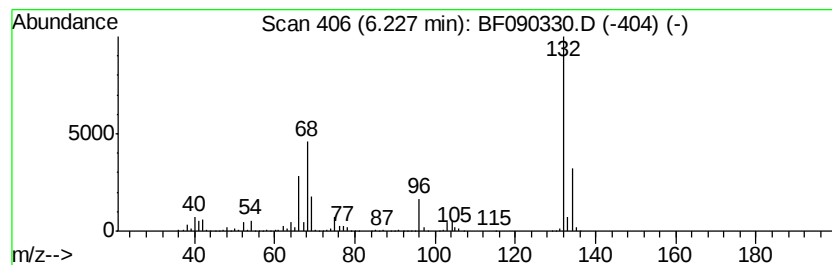
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Peak Number 3 unknown6.23 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.23	63.75 ng	2159330	1,4-Dichlorobenzene-d4	6.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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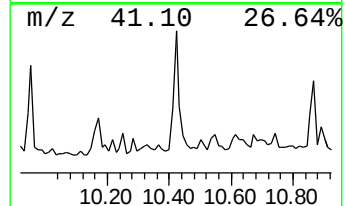
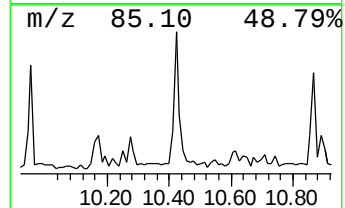
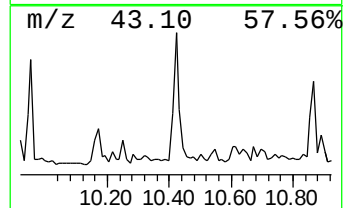
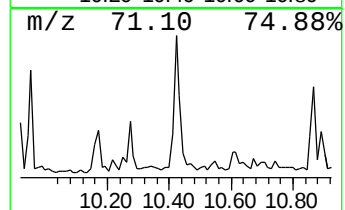
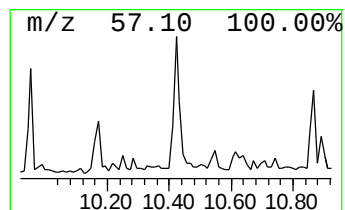
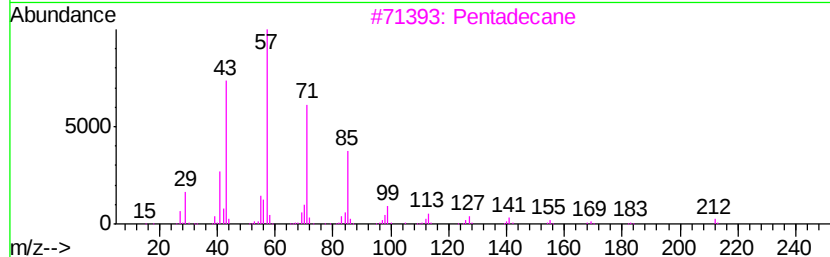
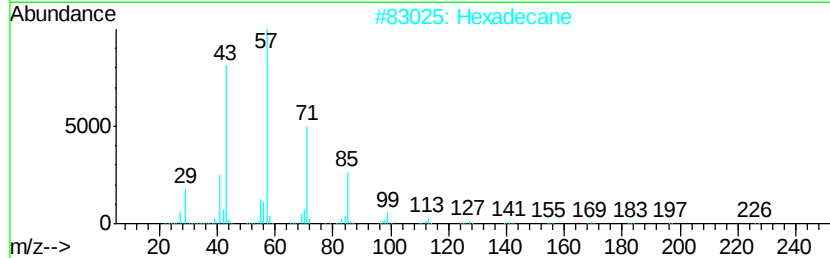
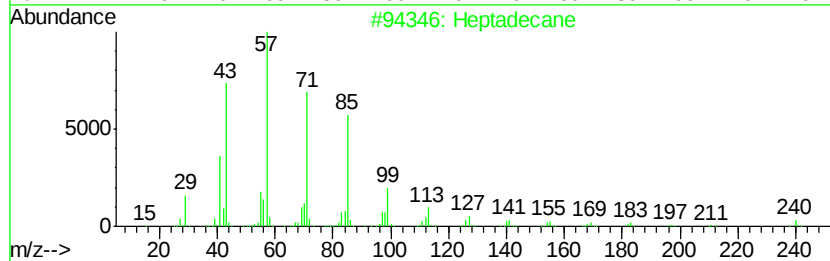
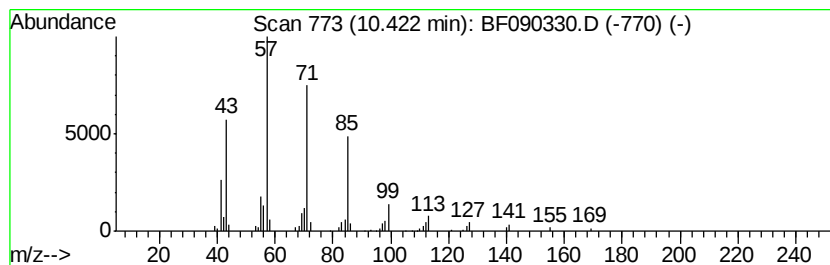
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Peak Number 5 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.42	4.48 ng	147542	Phenanthrene-d10		10.96
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Tritetracontane	605	C43H88	007098-21-7	90
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86



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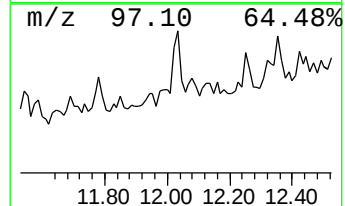
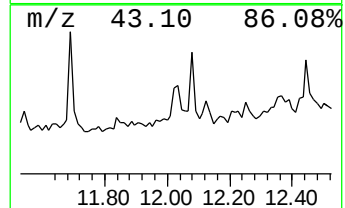
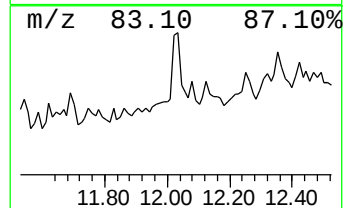
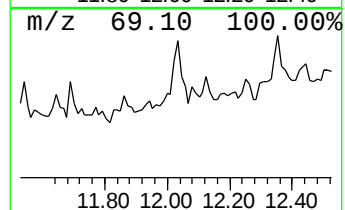
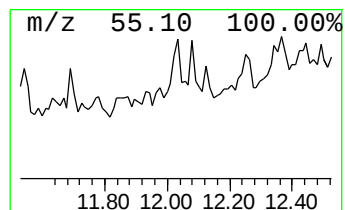
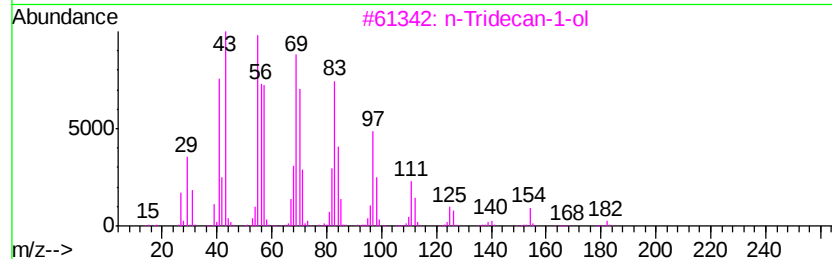
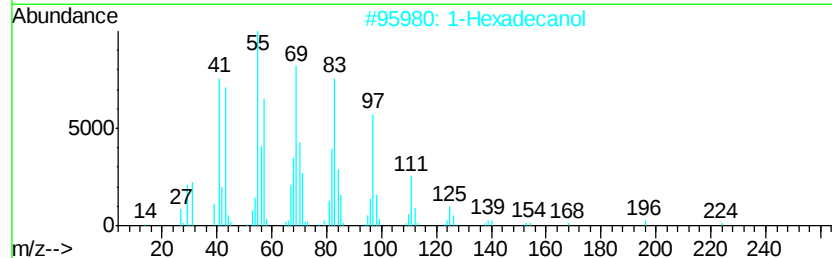
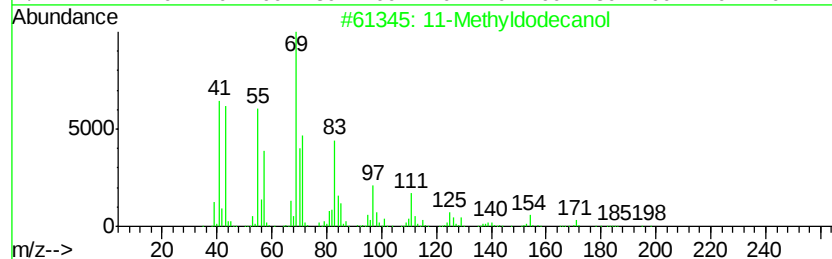
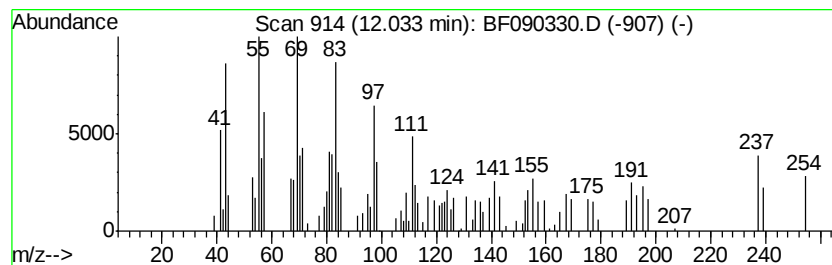
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Peak Number 6 unknown12.03 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	2.50 ng	82368	Phenanthrene-d10	10.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11-Methyldodecanol	200	C13H28O	085763-57-1	49
2		1-Hexadecanol	242	C16H34O	036653-82-4	46
3		n-Tridecan-1-ol	200	C13H28O	000112-70-9	46
4		3-Hexene, 2,3-dimethyl-	112	C8H16	007145-23-5	38
5		1-Tetradecanol	214	C14H30O	000112-72-1	30



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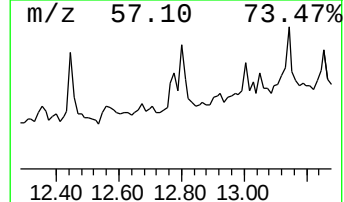
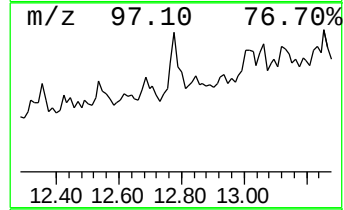
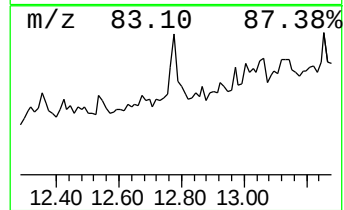
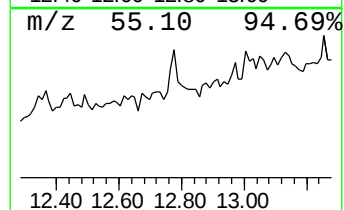
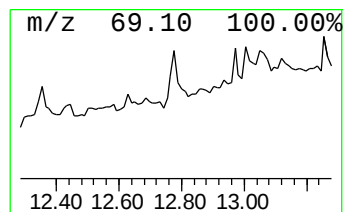
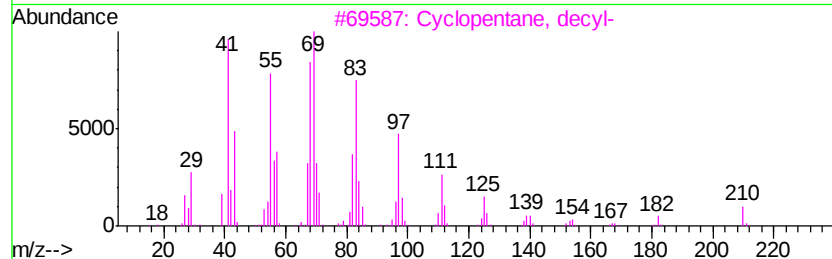
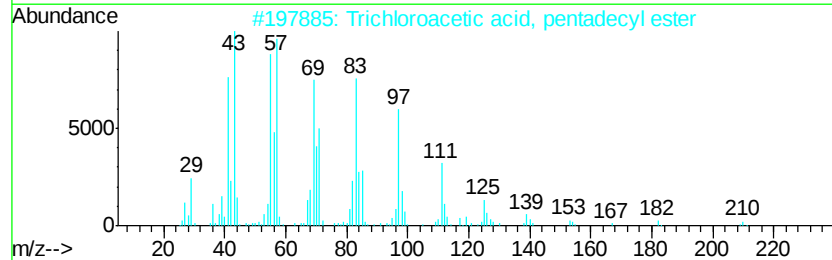
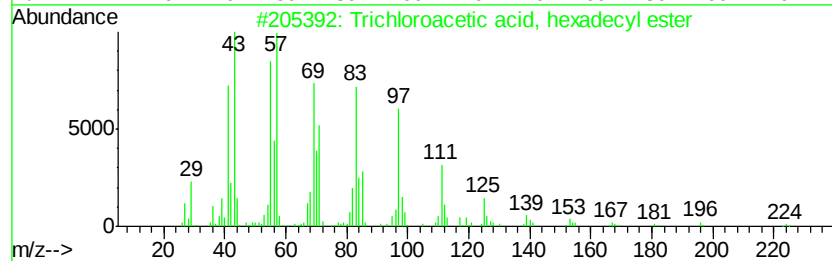
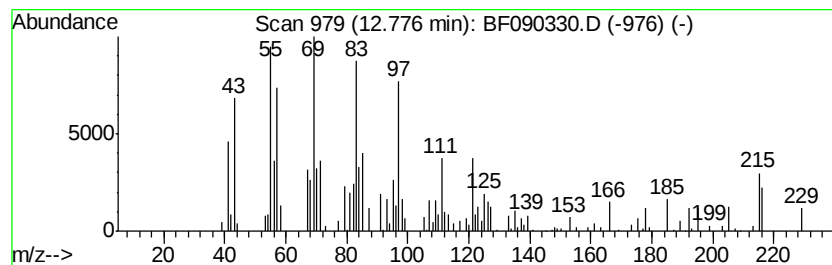
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Peak Number 7 Trichloroacetic acid, hexad... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	2.48 ng	85699	Chrysene-d12	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	74
2		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	72
3		Cyclopentane, decyl-	210	C15H30	001795-21-7	58
4		Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	53
5		17-Pentatriacontene	491	C35H70	006971-40-0	52



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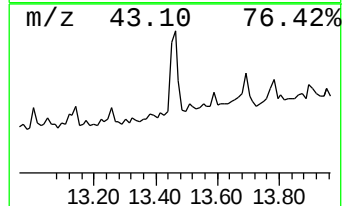
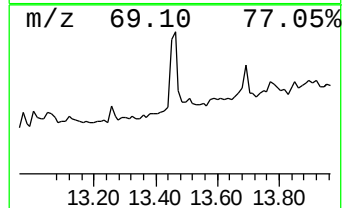
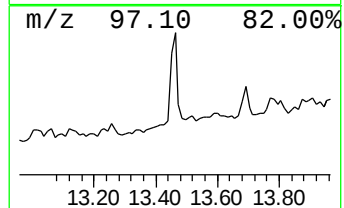
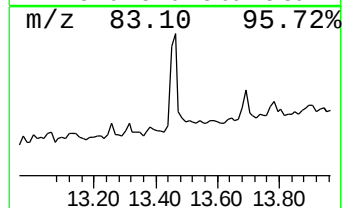
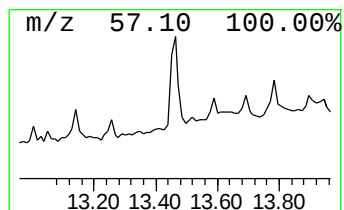
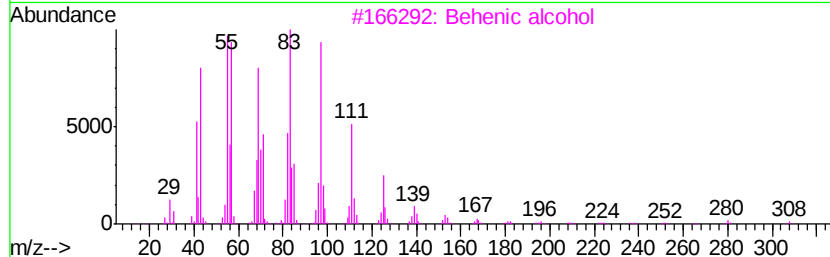
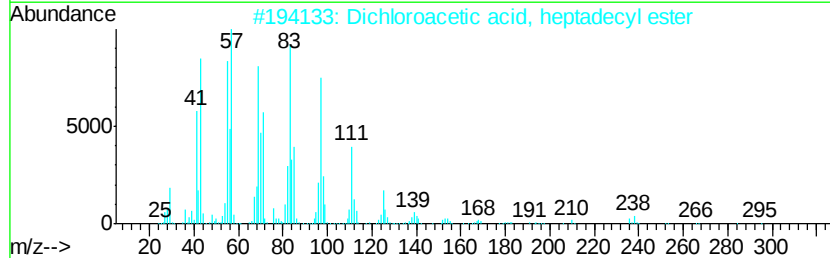
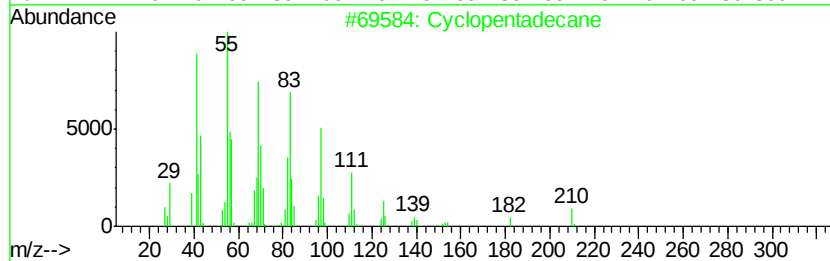
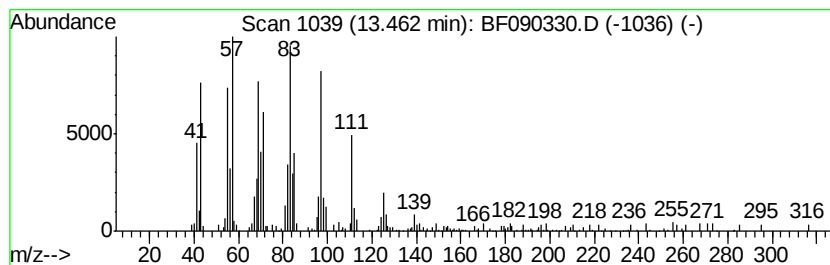
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Cyclopentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	6.48 ng	223971	Chrysene-d12	13.58

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentadecane	210	C15H30	000295-48-7	98
2		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
3		Behenic alcohol	326	C22H46O	000661-19-8	93
4		1-Heptacosanol	396	C27H56O	002004-39-9	93
5		2-Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090330.D
Acq On : 30 Sep 2016 23:33
Operator : UM/SJ
Sample : H5036-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-PLANTING-SOIL

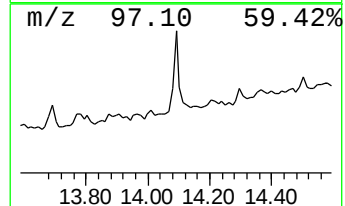
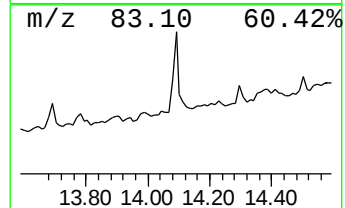
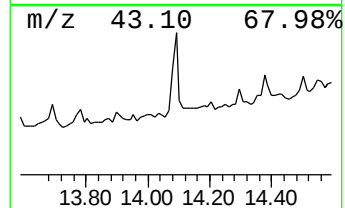
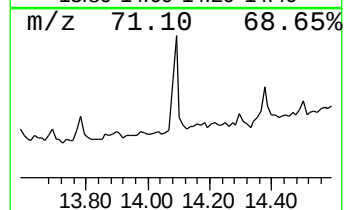
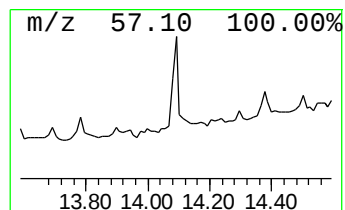
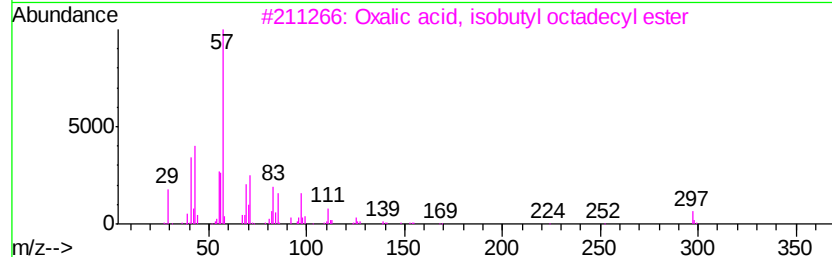
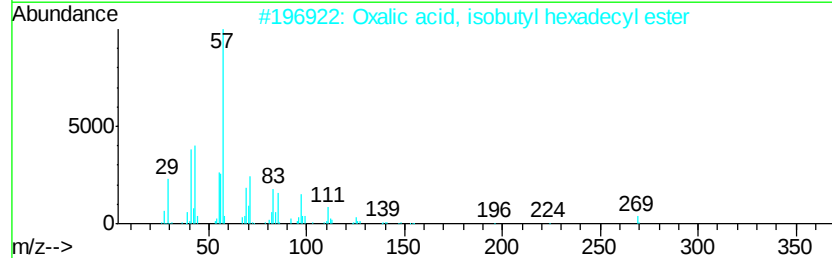
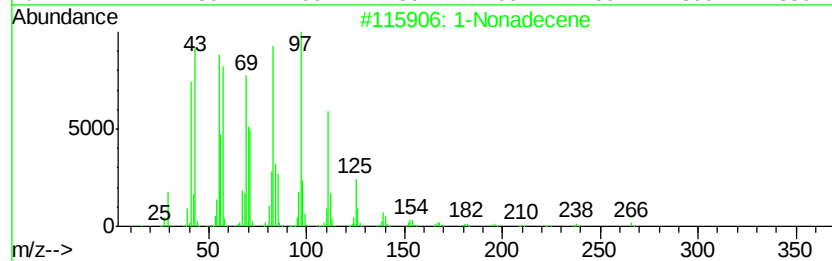
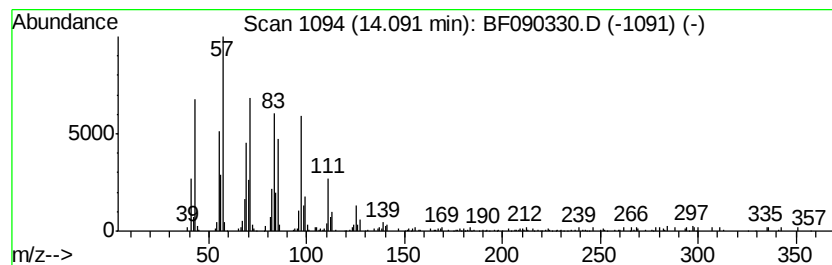
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Nonadecene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.09	5.93 ng	204896	Chrysene-d12	13.58

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene		266	C19H38	018435-45-5	97
2	Oxalic acid, isobutyl hexadecyl ...		370	C22H42O4	1000309-38-1	91
3	Oxalic acid, isobutyl octadecyl ...		398	C24H46O4	1000309-38-3	91
4	9-Eicosene, (E)-		280	C20H40	074685-29-3	70
5	Behenic alcohol		326	C22H46O	000661-19-8	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093016\
Data File : BF090330.D
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Operator : UM/SJ
Sample : H5036-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-PLANTING-SOIL

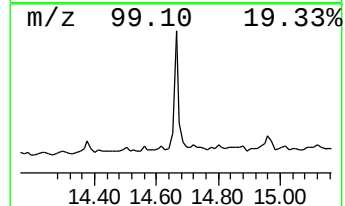
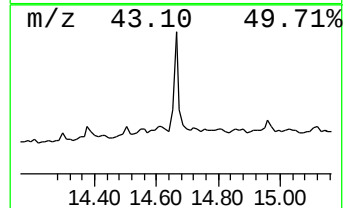
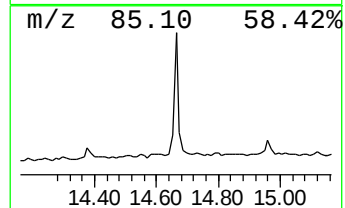
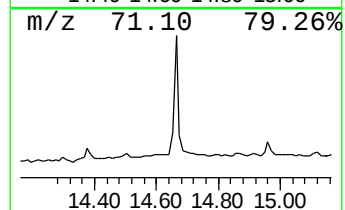
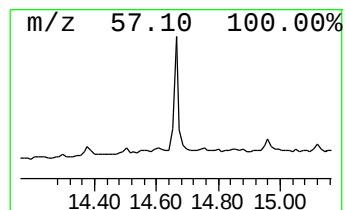
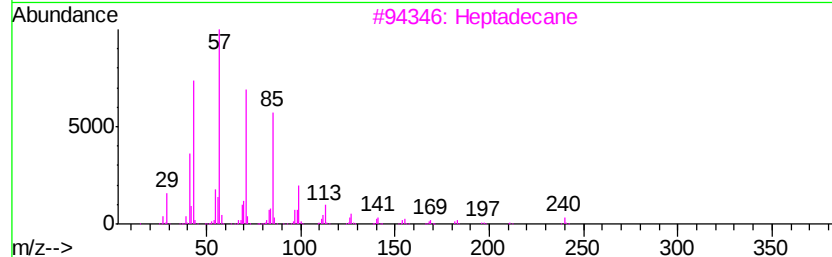
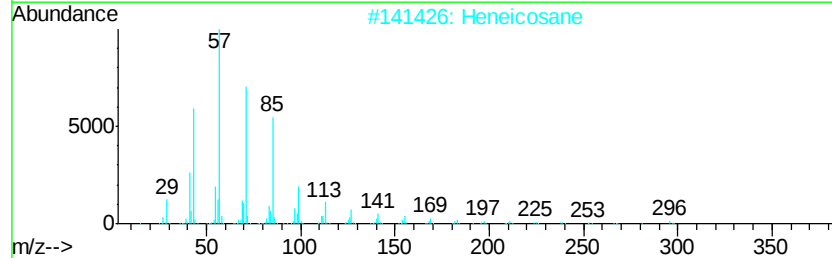
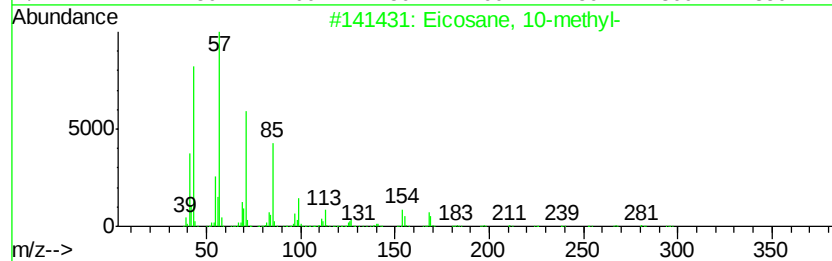
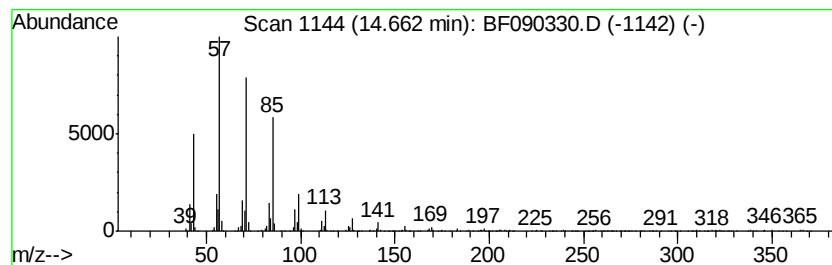
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Eicosane, 10-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	15.25 ng	296461	Perylene-d12	14.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptadecane	240	C17H36	000629-78-7	90
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
5		Octacosane	394	C28H58	000630-02-4	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093016\
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Sample : H5036-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-PLANTING-SOIL

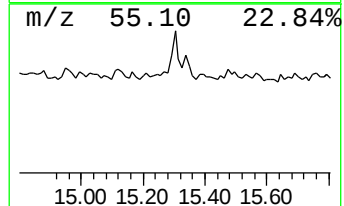
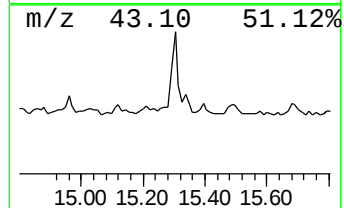
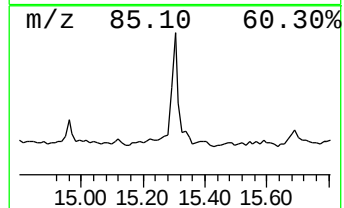
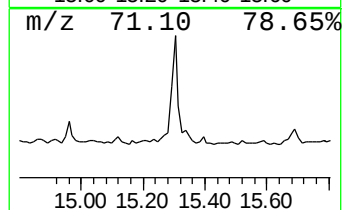
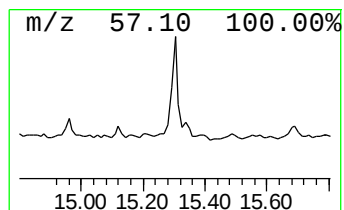
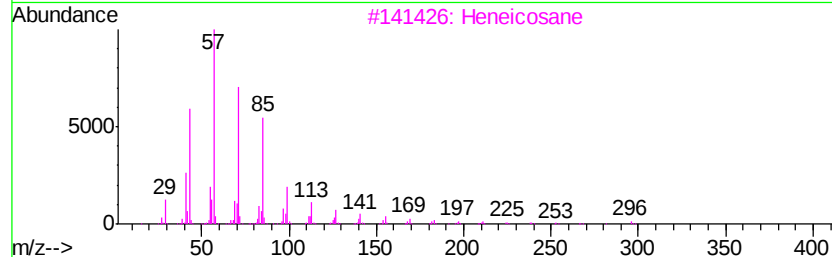
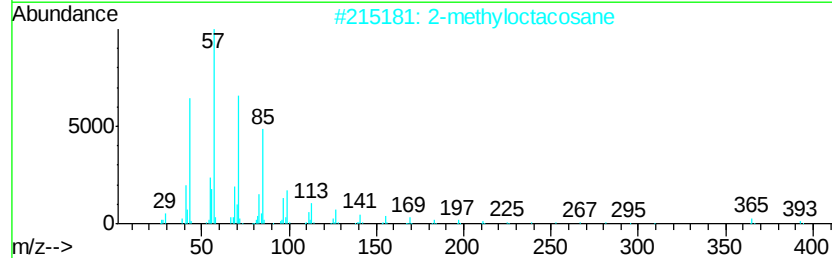
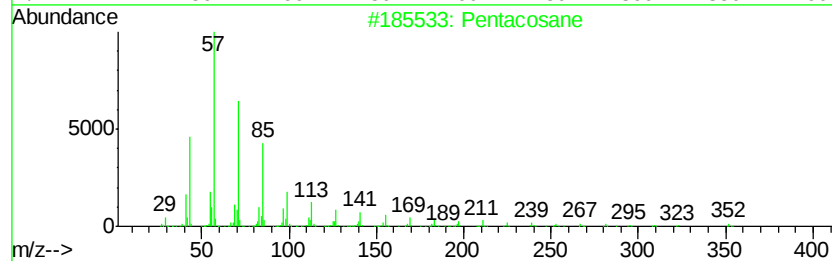
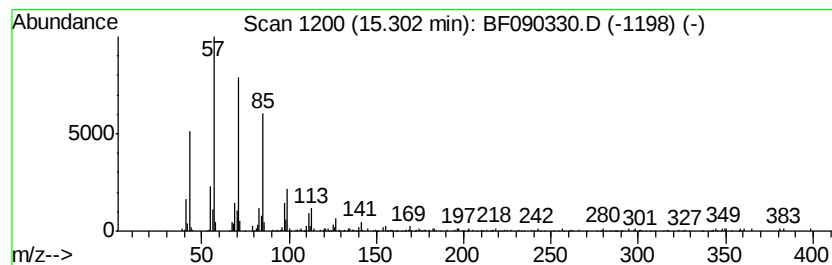
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pentacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	9.69 ng	188513	Perylene-d12	14.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentacosane	352	C25H52	000629-99-2	91
2			2-methyloctacosane	408	C29H60	1000376-72-8	90
3			Heneicosane	296	C21H44	000629-94-7	87
4			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87
5			Octacosane	394	C28H58	000630-02-4	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093016\
Data File : BF090330.D
Acq On : 30 Sep 2016 23:33
Operator : UM/SJ
Sample : H5036-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-PLANTING-SOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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...	4.54	10.9	ng	367845	1	6.46	677435	20.0
unknown6.23	6.23	63.8	ng	2159330	1	6.46	677435	20.0
Heptadecane	10.42	4.5	ng	147542	4	10.96	658913	20.0
unknown12.03	12.03	2.5	ng	82368	4	10.96	658913	20.0
Trichloroacetic a...	12.78	2.5	ng	85699	5	13.58	691620	20.0
Cyclopentadecane	13.46	6.5	ng	223971	5	13.58	691620	20.0
1-Nonadecene	14.09	5.9	ng	204896	5	13.58	691620	20.0
Eicosane, 10-methyl-	14.66	15.3	ng	296461	6	14.90	388905	20.0
Pentacosane	15.30	9.7	ng	188513	6	14.90	388905	20.0