

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
 Data File : BF093112.D
 Acq On : 23 Feb 2017 18:53
 Operator : SJ/MA
 Sample : I1952-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPARTA-TOP-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-BF013017.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	5.001	252	255	267	rBV	1088795	1497516	38.45%	4.315%
2	5.436	290	293	295	rBV	3138960	3505691	90.01%	10.102%
3	6.476	381	384	387	rBV	3131315	3407911	87.49%	9.821%
4	6.602	393	395	398	rBV	2941719	3257243	83.63%	9.386%
5	6.842	414	416	418	rBV	795945	896102	23.01%	2.582%
6	6.990	427	429	432	rBV	2141408	2577946	66.19%	7.429%
7	7.413	463	466	468	rBV	1919399	2330515	59.83%	6.716%
8	8.122	526	528	531	rBV	972907	1178573	30.26%	3.396%
9	9.208	620	623	625	rBV	2762386	3894987	100.00%	11.224%
10	9.596	655	657	659	rBV	253911	209047	5.37%	0.602%
11	9.802	672	675	679	rBV	37210	69532	1.79%	0.200%
12	9.882	679	682	684	rVB	983264	1326500	34.06%	3.823%
13	10.008	692	693	699	rBV	63780	122858	3.15%	0.354%
14	10.305	718	719	721	rVB	101939	78025	2.00%	0.225%
15	10.522	735	738	742	rBV	31139	51466	1.32%	0.148%
16	10.659	748	750	753	rBV2	1468408	2035319	52.25%	5.865%
17	10.773	759	760	765	rVB	125921	168115	4.32%	0.484%
18	11.219	798	799	805	rVB	61849	110823	2.85%	0.319%
19	11.356	809	811	814	rBV	1475086	1326804	34.06%	3.823%
20	12.945	947	950	952	rBV	3547989	3313967	85.08%	9.550%
21	13.837	1025	1028	1036	rBV	147912	227992	5.85%	0.657%
22	13.997	1039	1042	1044	rBV	1193257	1249839	32.09%	3.602%
23	14.465	1079	1083	1091	rBV2	59042	157169	4.04%	0.453%
24	14.831	1112	1115	1117	rBV	74920	104225	2.68%	0.300%
25	14.900	1118	1121	1123	rVB	57859	81376	2.09%	0.234%
26	15.071	1134	1136	1138	rBV	84530	125063	3.21%	0.360%
27	15.105	1138	1139	1147	rVB2	63087	112348	2.88%	0.324%
28	15.414	1164	1166	1173	rBV	596850	932058	23.93%	2.686%
29	15.837	1200	1203	1206	rBV	88865	156986	4.03%	0.452%
30	16.591	1265	1269	1272	rVB	34517	64790	1.66%	0.187%
31	16.865	1290	1293	1298	rVB2	29770	58800	1.51%	0.169%
32	17.345	1327	1335	1340	rBV6	18602	72345	1.86%	0.208%

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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-BF013017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

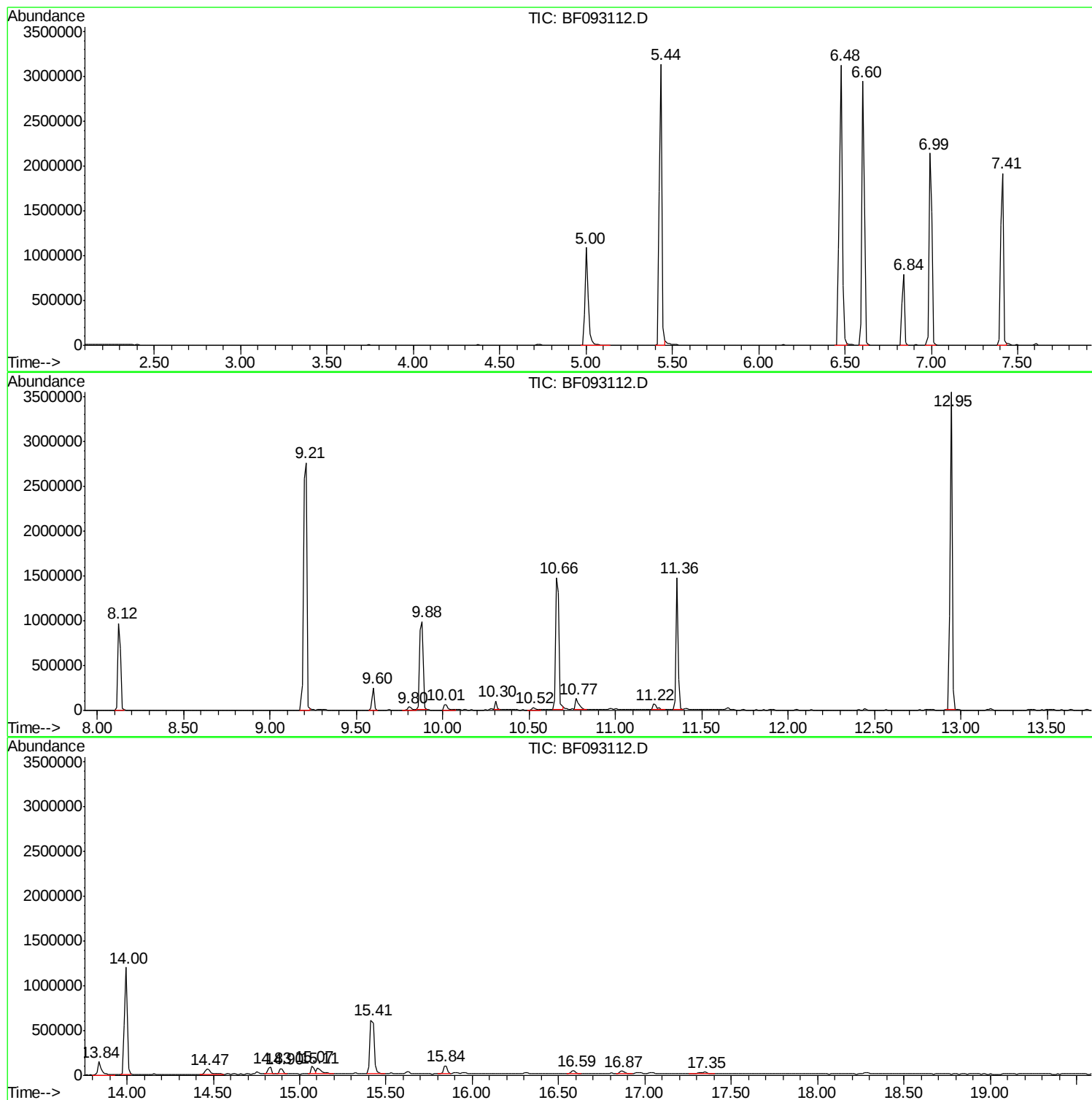
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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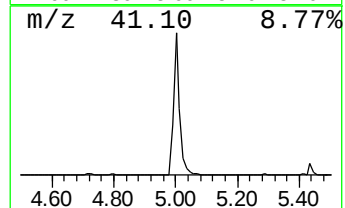
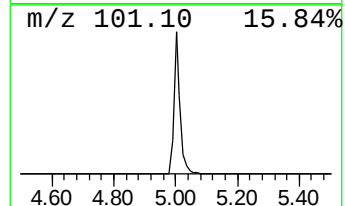
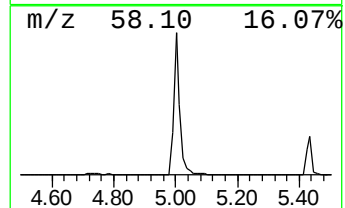
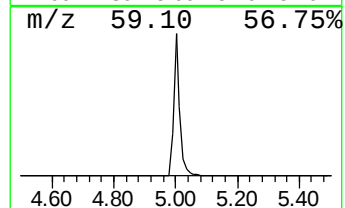
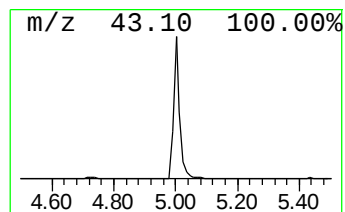
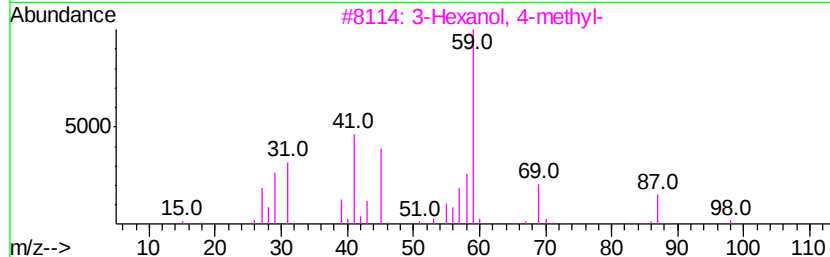
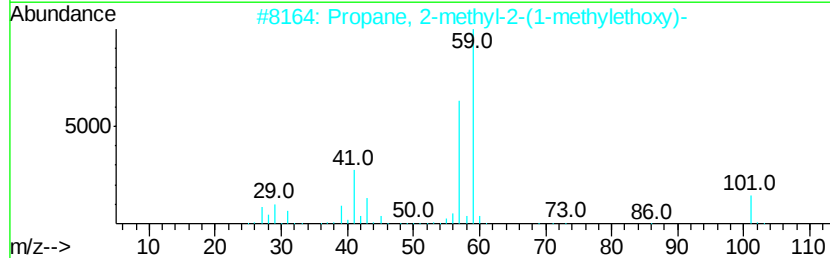
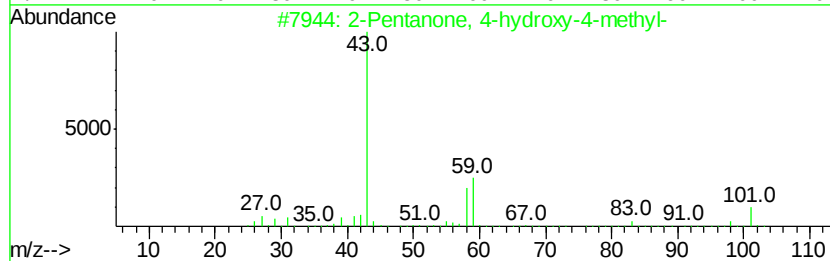
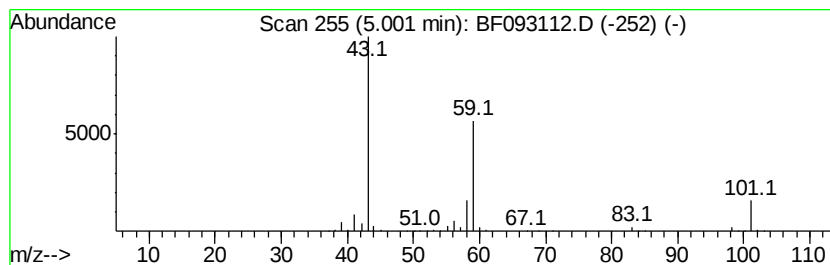
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	33.42 ng	1497520	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23



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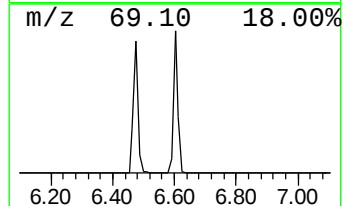
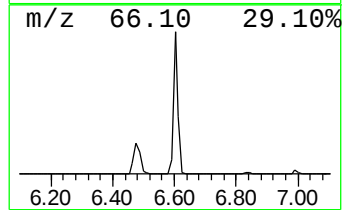
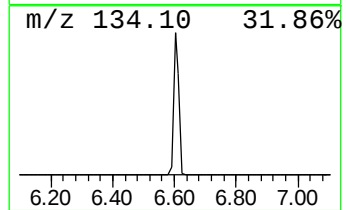
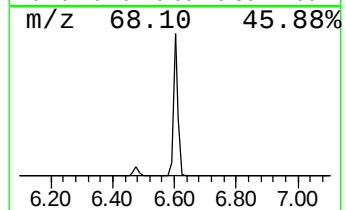
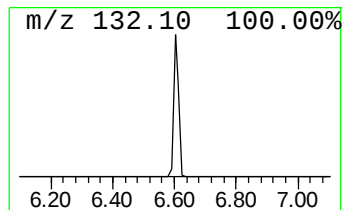
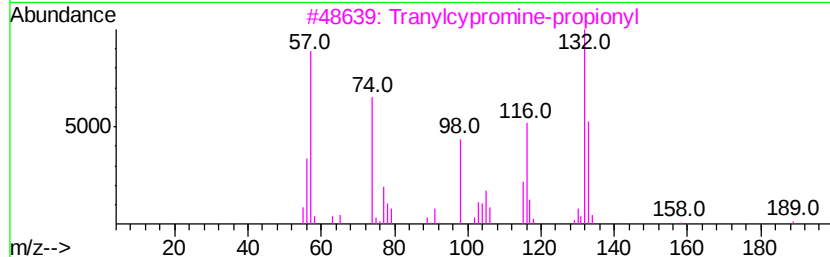
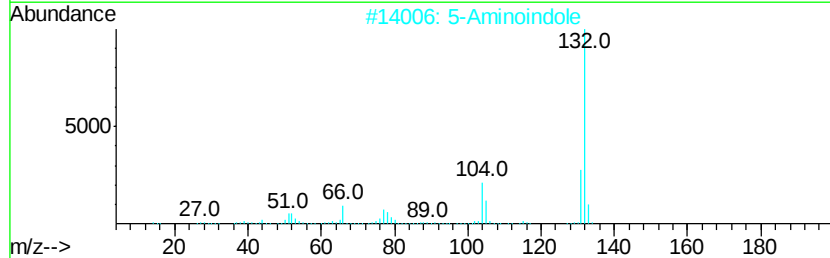
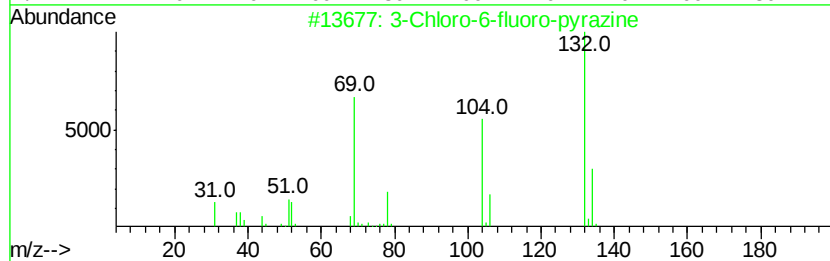
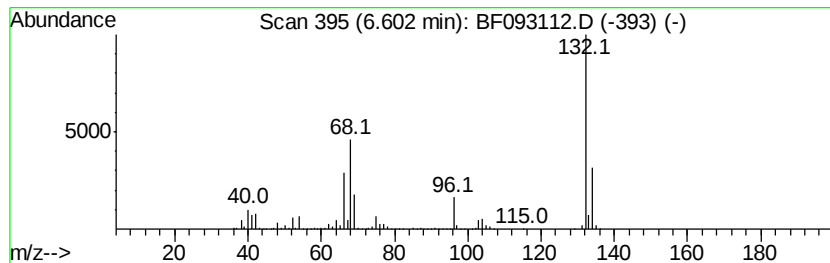
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	72.70 ng	3257240	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27	
2	5-Aminoindole	132	C8H8N2	005192-03-0	12	
3	Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10	
4	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9	
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9	



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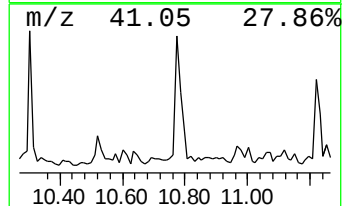
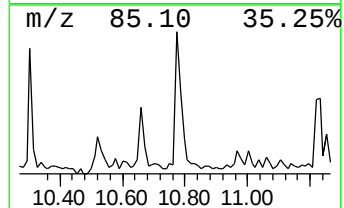
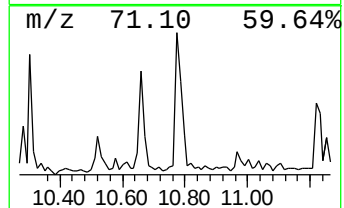
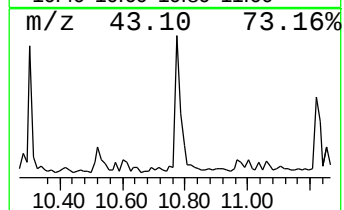
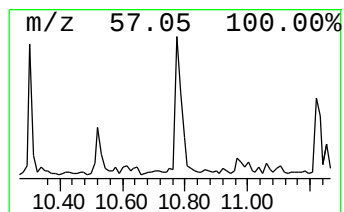
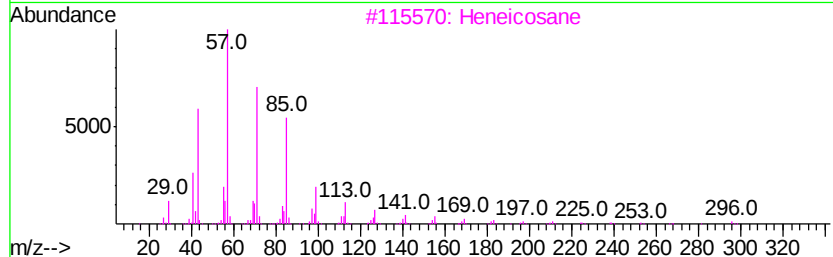
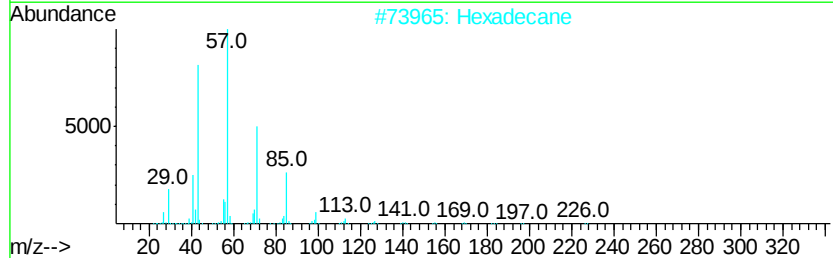
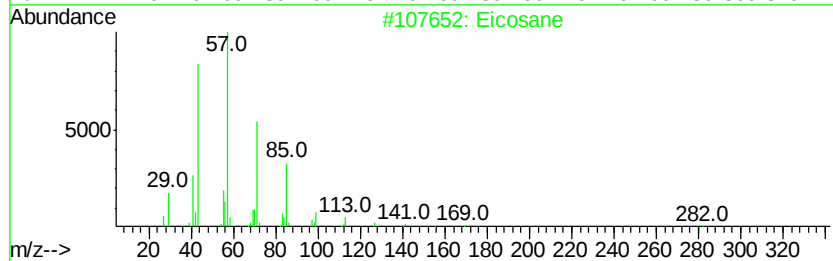
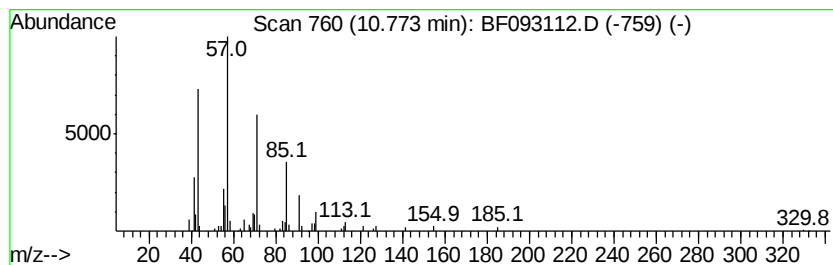
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	2.53 ng	168115	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	90
2	Hexadecane		226	C16H34	000544-76-3	86
3	Heneicosane		296	C21H44	000629-94-7	78
4	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	72
5	Pentadecane		212	C15H32	000629-62-9	72



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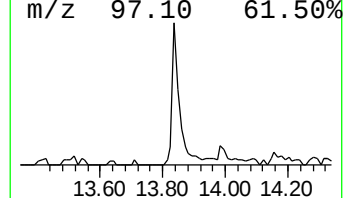
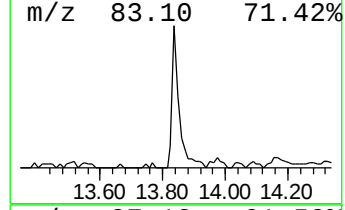
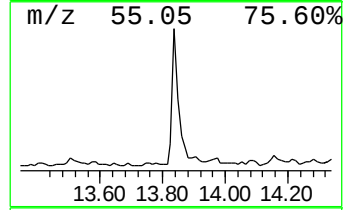
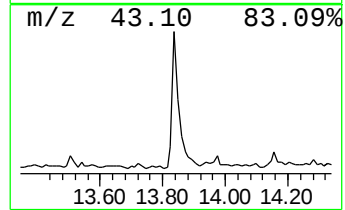
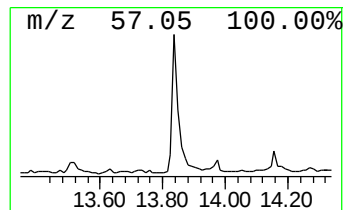
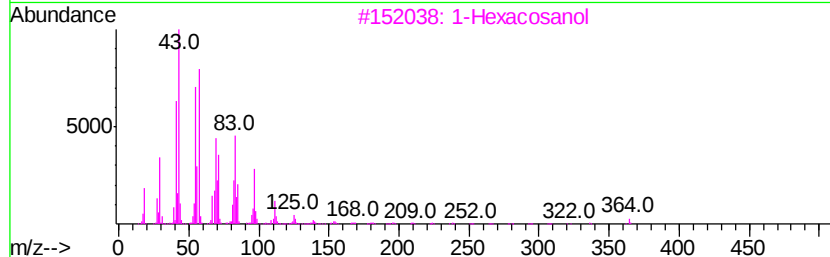
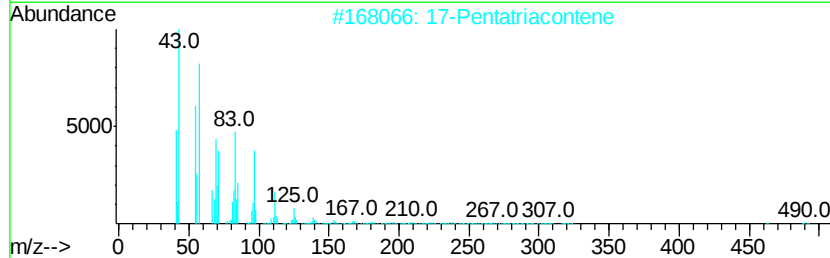
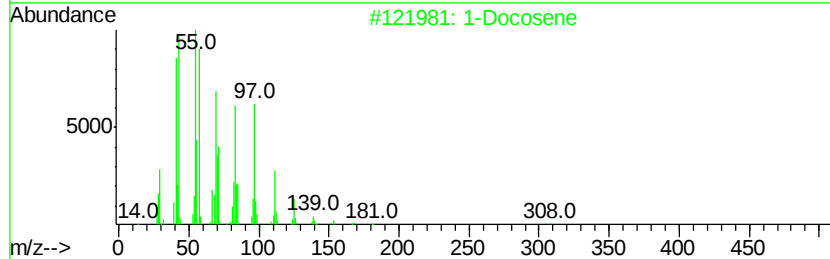
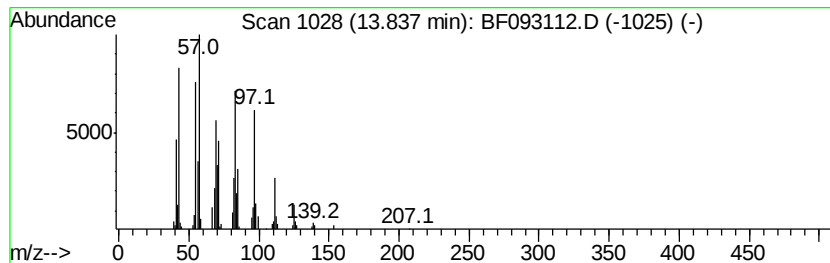
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	3.65 ng	227992	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	91
2		17-Pentatriacontene	491	C35H70	006971-40-0	90
3		1-Hexacosanol	382	C26H54O	000506-52-5	80
4		1-Tetracosanol	354	C24H50O	000506-51-4	80
5		1-Heptadecanol	256	C17H36O	001454-85-9	76



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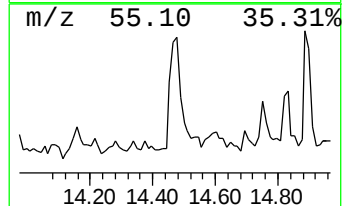
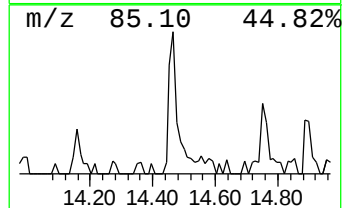
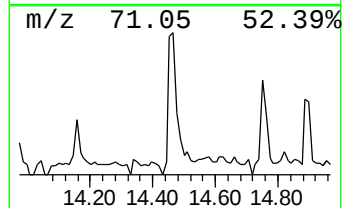
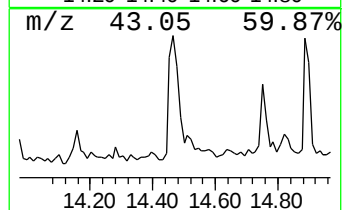
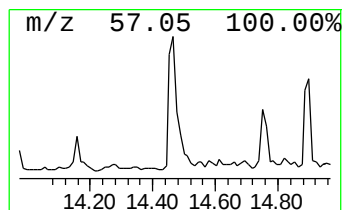
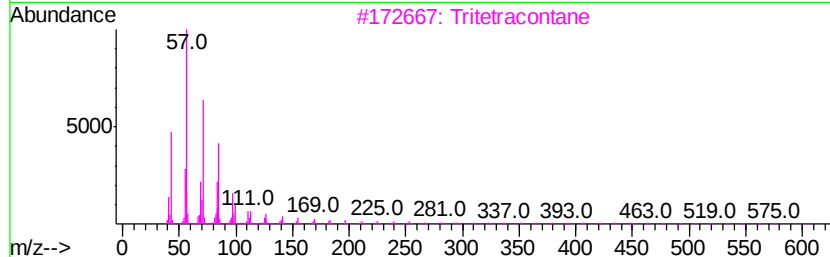
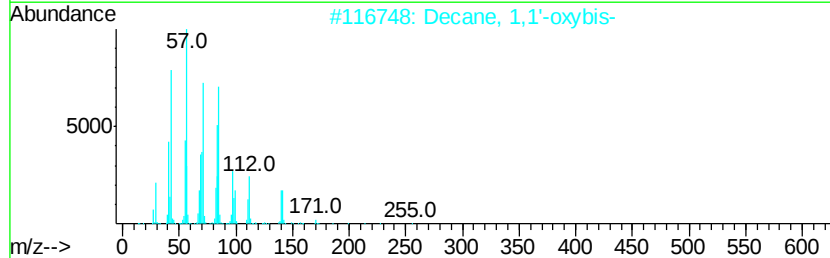
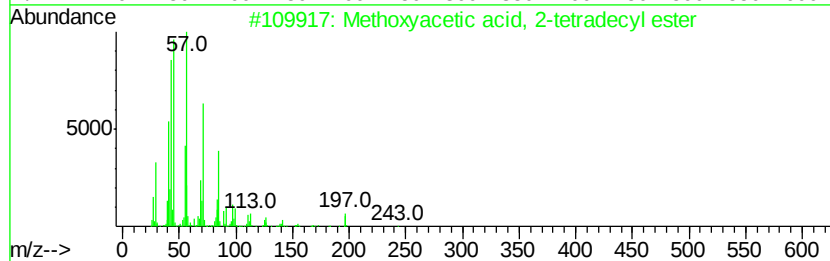
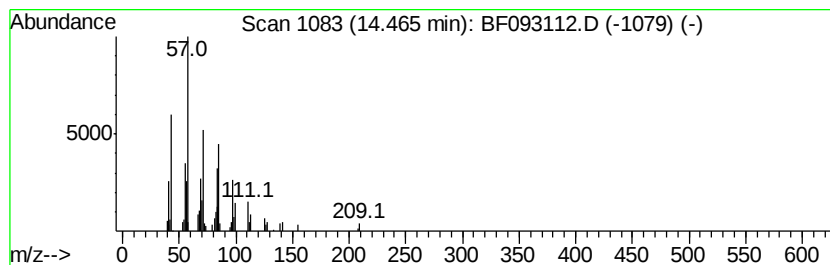
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Methoxyacetic acid, 2-tetra... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	2.52 ng	157169	Chrysene-d12	14.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Methoxvacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	80
2		Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	80
3		Tritetracontane	605	C43H88	007098-21-7	72
4		Heptadecane	240	C17H36	000629-78-7	62
5		Pentatriacontane	493	C35H72	000630-07-9	59



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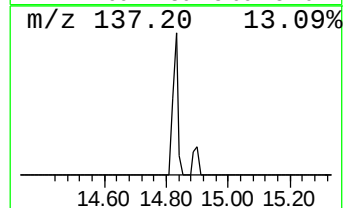
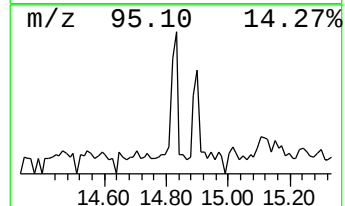
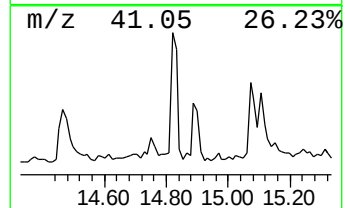
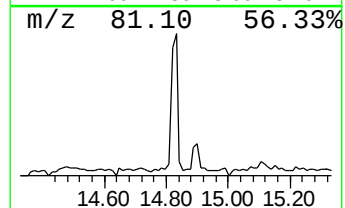
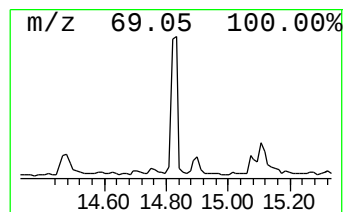
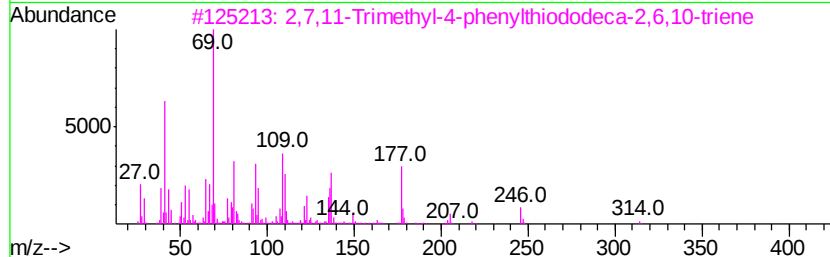
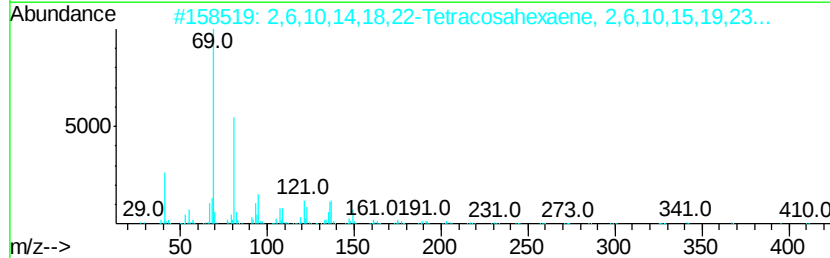
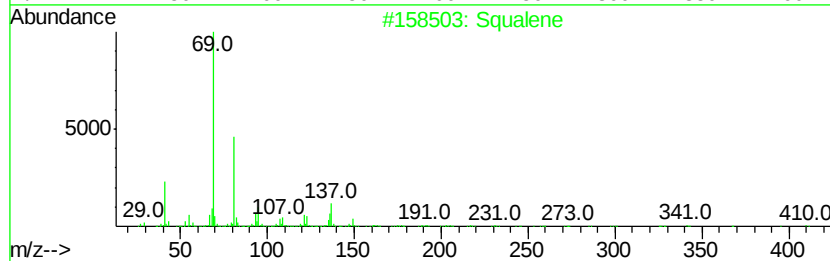
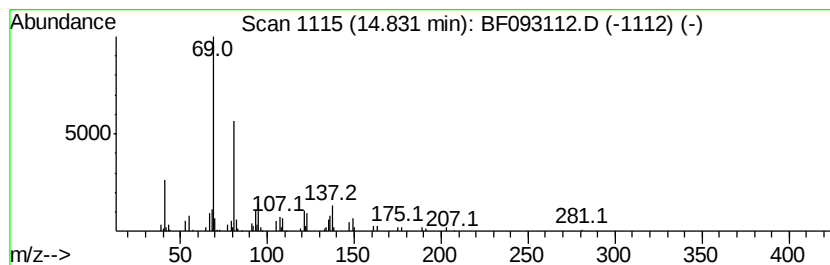
Instrument :
BNA_F
ClientSampleId :
SPARTA-TOP-SOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Squalene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	2.24 ng	104225	Perylene-d12	15.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene		410 C30H50	007683-64-9 91
2	2,6,10,14,18,22-Tetracosahexaene...		410 C30H50	000111-02-4 91
3	2,7,11-Trimethyl-4-phenylthiodod...		314 C21H30S	1000190-11-3 78
4	7,11-Dimethyldodeca-2,6,10-trien...		208 C14H24O	125529-10-4 72
5	2,6,10-Dodecatrien-1-ol, 3,7,11-...		222 C15H26O	000106-28-5 59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022317\
Data File : BF093112.D
Acq On : 23 Feb 2017 18:53
Operator : SJ/MA
Sample : I1952-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SPARTA-TOP-SOIL

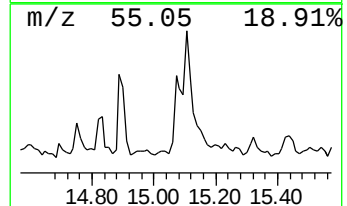
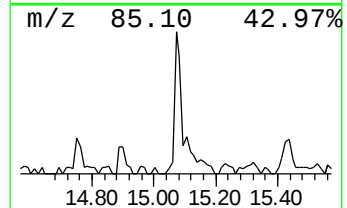
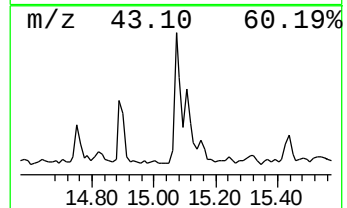
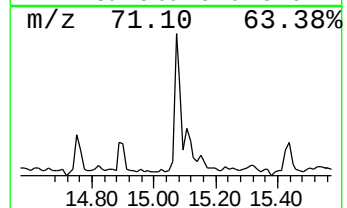
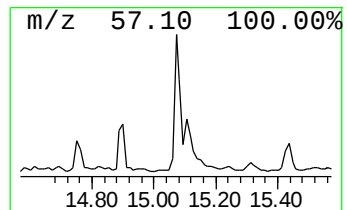
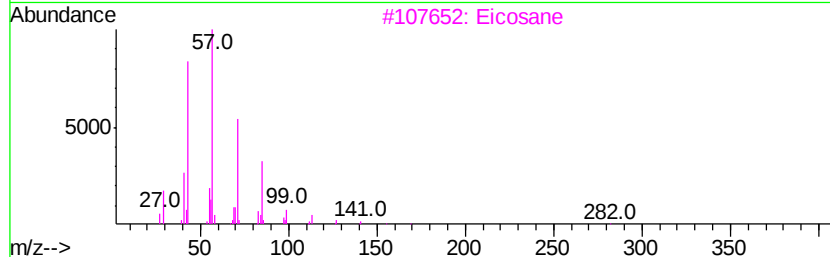
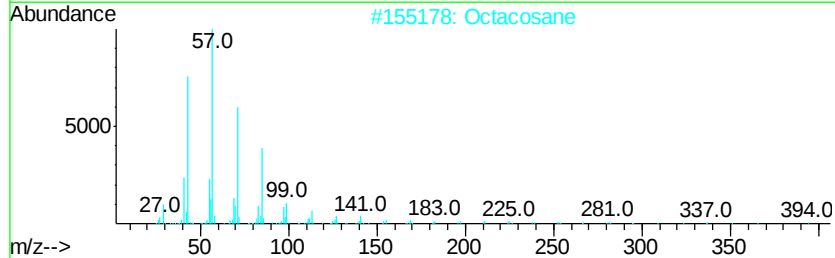
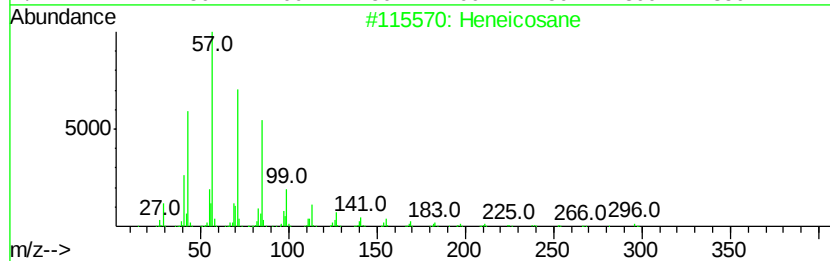
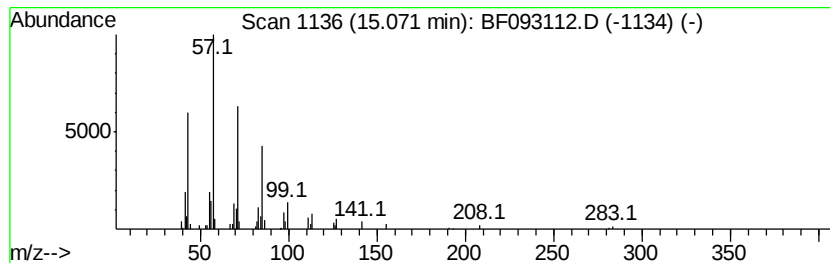
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	2.68 ng	125063	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Eicosane	282	C20H42	000112-95-8	91
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5		Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022317\
Data File : BF093112.D
Acq On : 23 Feb 2017 18:53
Operator : SJ/MA
Sample : I1952-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SPARTA-TOP-SOIL

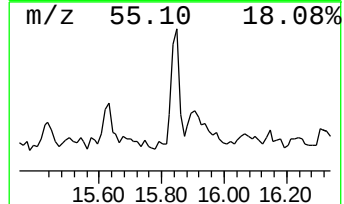
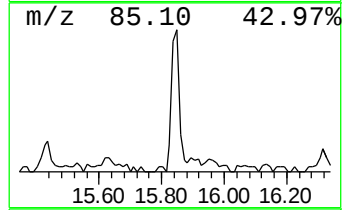
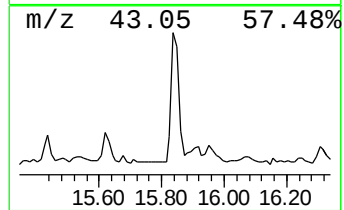
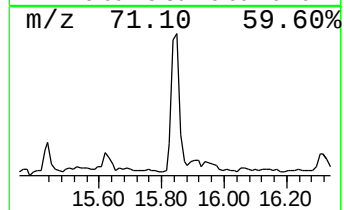
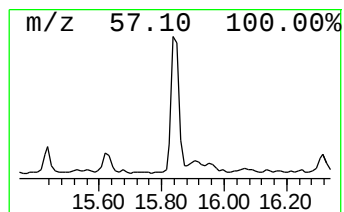
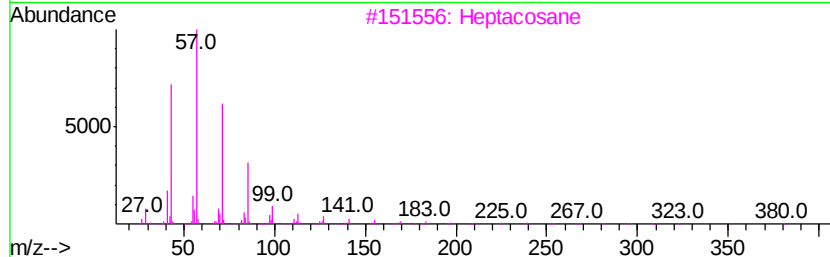
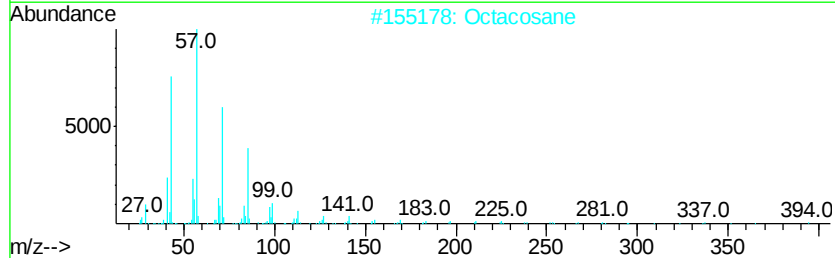
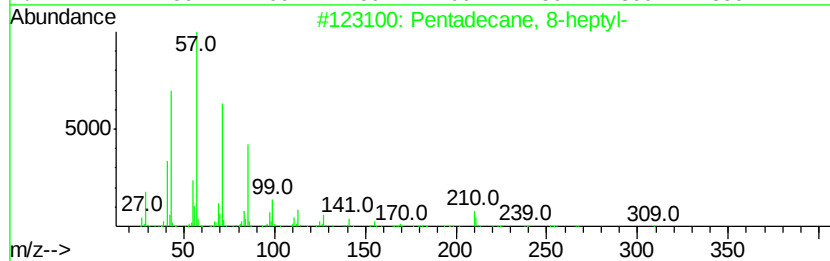
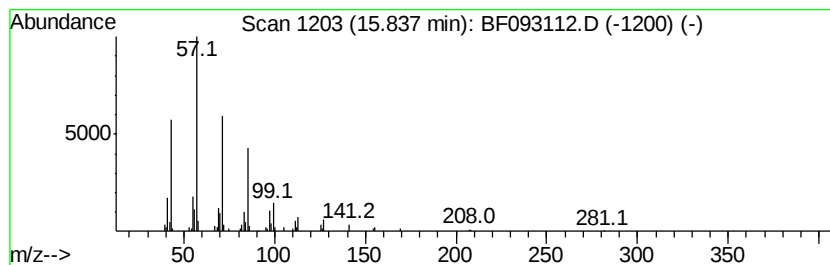
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pentadecane, 8-heptyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	3.37 ng	156986	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Heptacosane	380	C27H56	000593-49-7	87
4		Tetracosane	338	C24H50	000646-31-1	86
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022317\
Data File : BF093112.D
Acq On : 23 Feb 2017 18:53
Operator : SJ/MA
Sample : I1952-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SPARTA-TOP-SOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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...	5.00	33.4	ng	1497520	1	6.84	896102	20.0
unknown6.60	6.60	72.7	ng	3257240	1	6.84	896102	20.0
Eicosane	10.77	2.5	ng	168115	4	11.36	1326800	20.0
1-Docosene	13.84	3.6	ng	227992	5	14.00	1249840	20.0
Methoxyacetic aci...	14.47	2.5	ng	157169	5	14.00	1249840	20.0
Squalene	14.83	2.2	ng	104225	6	15.43	932058	20.0
Heneicosane	15.07	2.7	ng	125063	6	15.43	932058	20.0
Pentadecane, 8-he...	15.84	3.4	ng	156986	6	15.43	932058	20.0