

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
 Data File : BF104988.D
 Acq On : 1 May 2018 17:15
 Operator : JU/SJ
 Sample : J2616-37
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HOPE-CREEK-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-BF040618.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	4.998	491	495	505	rBV	74052	100453	4.11%	0.434%
2	5.404	560	564	579	rVB	2149061	2267032	92.80%	9.798%
3	6.433	734	739	750	rBV	2102833	2280948	93.37%	9.858%
4	6.563	756	761	764	rBV	2559260	2362480	96.70%	10.211%
5	6.786	796	799	807	rVB	816951	653282	26.74%	2.824%
6	6.945	822	826	829	rBV	2147706	1847936	75.64%	7.987%
7	7.357	891	896	899	rBV	1489991	1419942	58.12%	6.137%
8	8.074	1014	1018	1034	rVB	987272	921525	37.72%	3.983%
9	9.151	1196	1201	1204	rBV	2802537	2442991	100.00%	10.559%
10	9.545	1262	1268	1275	rBV	281581	261745	10.71%	1.131%
11	9.751	1301	1303	1307	rVB	68033	49715	2.04%	0.215%
12	9.827	1313	1316	1321	rBV	1030003	1022221	41.84%	4.418%
13	10.227	1381	1384	1386	rBV	28802	27981	1.15%	0.121%
14	10.251	1386	1388	1391	rVB	101803	72257	2.96%	0.312%
15	10.468	1420	1425	1428	rBV	37973	49583	2.03%	0.214%
16	10.627	1448	1452	1460	rBV	1710747	1661026	67.99%	7.179%
17	10.727	1466	1469	1473	rBV	86448	106137	4.34%	0.459%
18	11.174	1542	1545	1547	rBV	55435	42785	1.75%	0.185%
19	11.204	1547	1550	1556	rVB2	36041	41367	1.69%	0.179%
20	11.321	1566	1570	1573	rBV	1148131	971972	39.79%	4.201%
21	11.604	1615	1618	1621	rVB	39437	31195	1.28%	0.135%
22	12.545	1774	1778	1780	rBV	51088	51114	2.09%	0.221%
23	12.574	1780	1783	1788	rVB	308385	258046	10.56%	1.115%
24	12.774	1814	1817	1821	rVB	49819	41106	1.68%	0.178%
25	12.915	1837	1841	1845	rBV	2156362	2111639	86.44%	9.127%
26	13.851	1996	2000	2008	rBV	276680	318408	13.03%	1.376%
27	14.033	2027	2031	2035	rBV	785875	773824	31.68%	3.345%
28	14.562	2115	2121	2129	rBV4	52823	109411	4.48%	0.473%
29	15.245	2234	2237	2240	rVB	28388	31240	1.28%	0.135%
30	15.545	2285	2288	2293	rVB	21614	29064	1.19%	0.126%
31	15.609	2294	2299	2311	rVB	503348	694411	28.42%	3.001%
32	16.068	2374	2377	2381	rVB3	22243	29779	1.22%	0.129%
33	16.127	2382	2387	2394	rVV6	30859	54404	2.23%	0.235%

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HOPE-CREEK-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-BF040618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

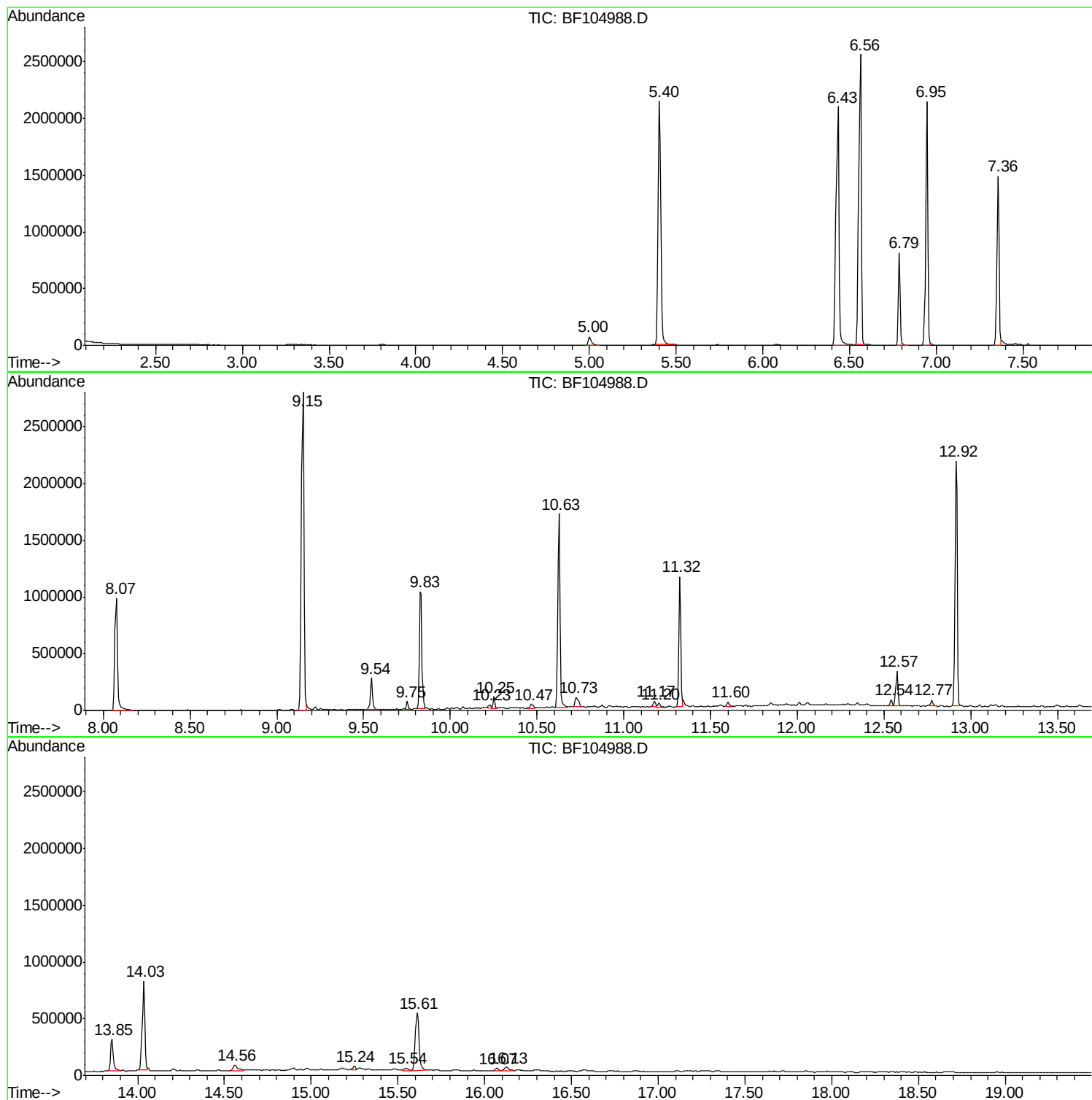
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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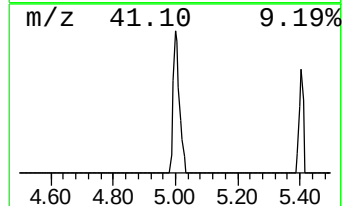
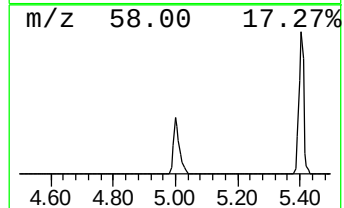
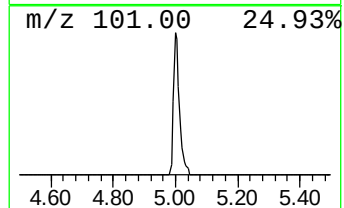
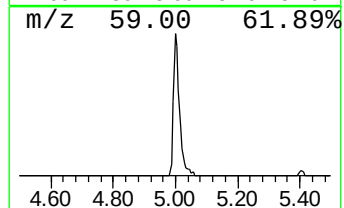
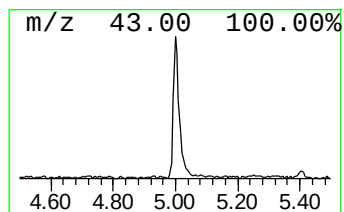
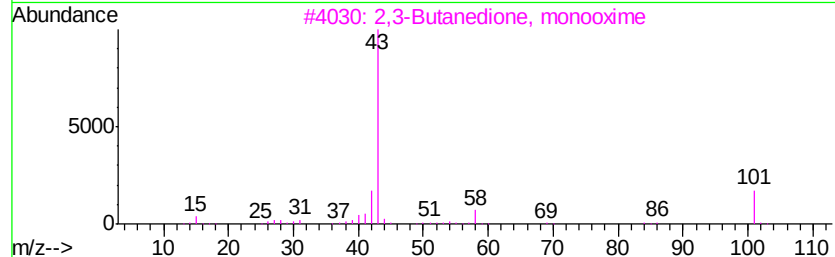
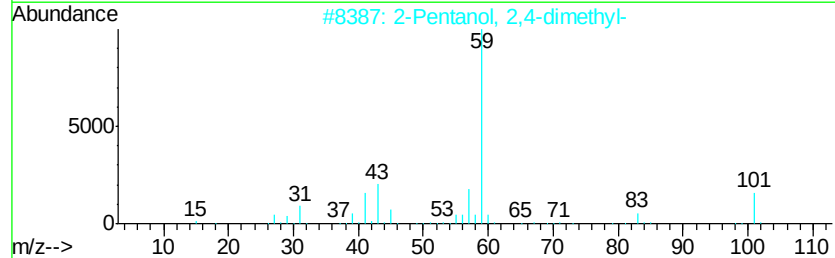
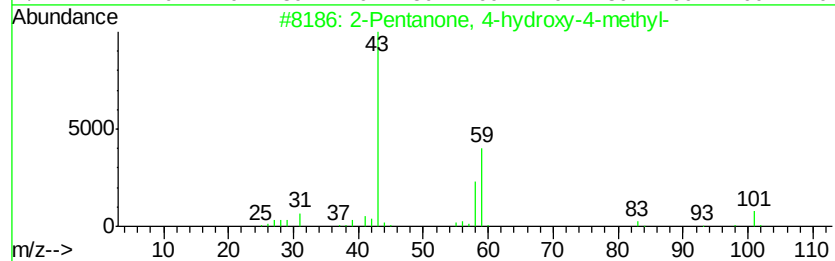
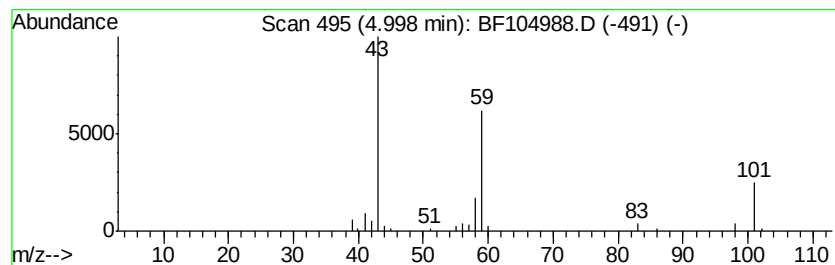
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	3.08 ng	100453	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	40
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4		1,2-Butanediol	90	C4H10O2	000584-03-2	17
5		Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	12



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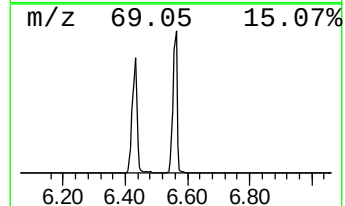
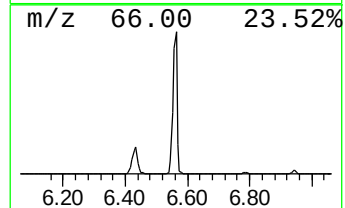
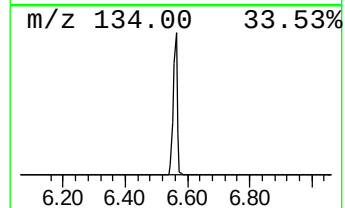
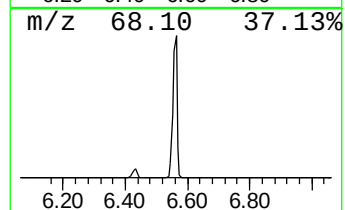
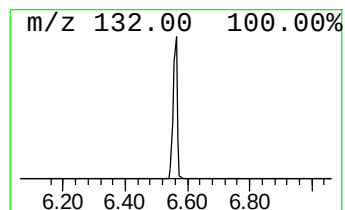
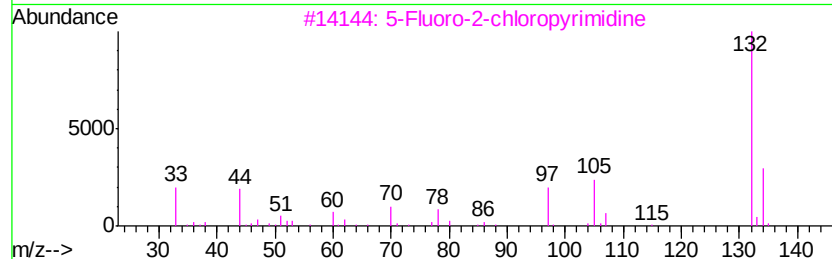
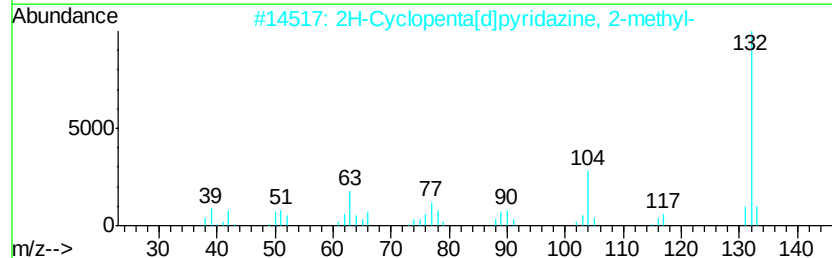
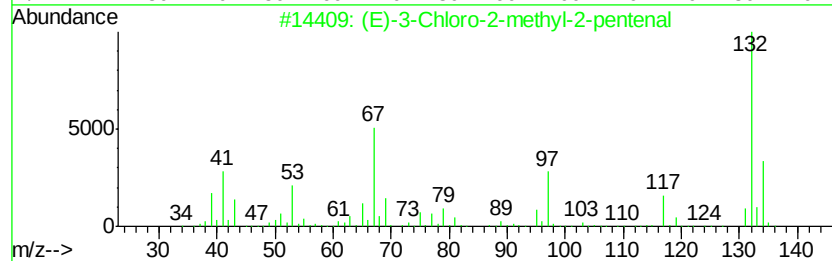
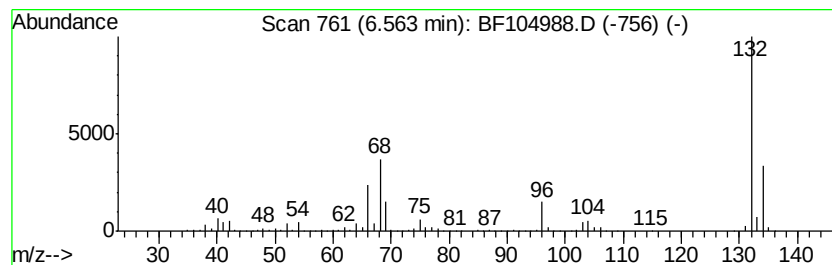
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	72.33 ng	2362480	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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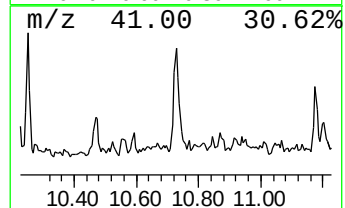
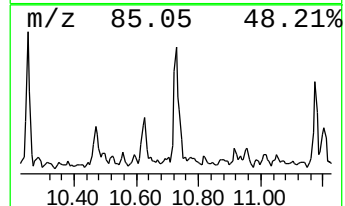
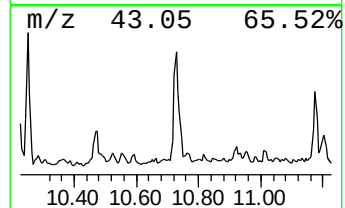
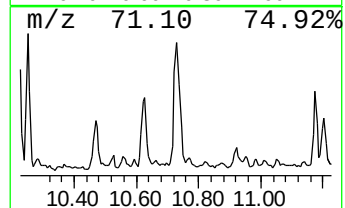
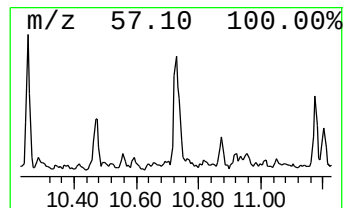
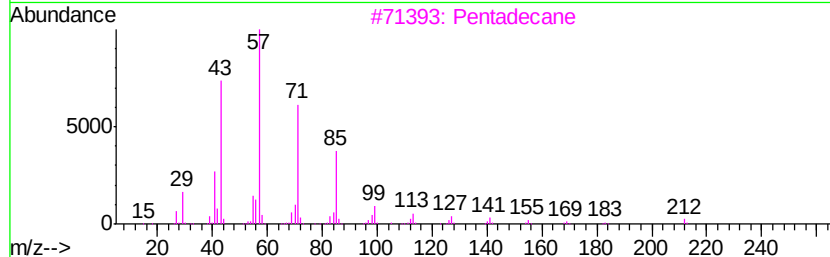
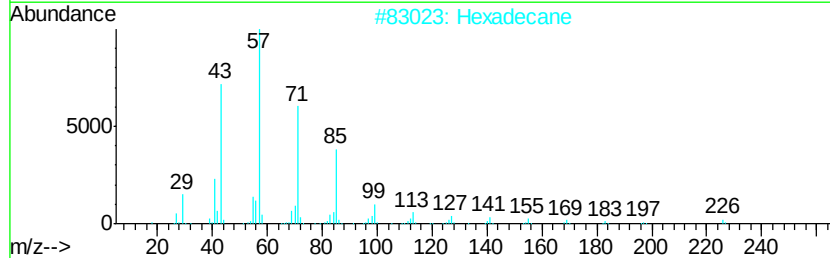
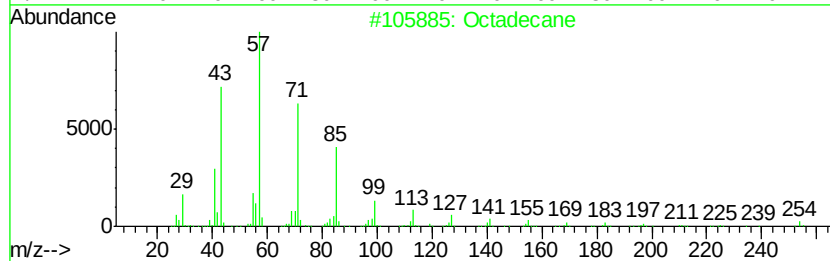
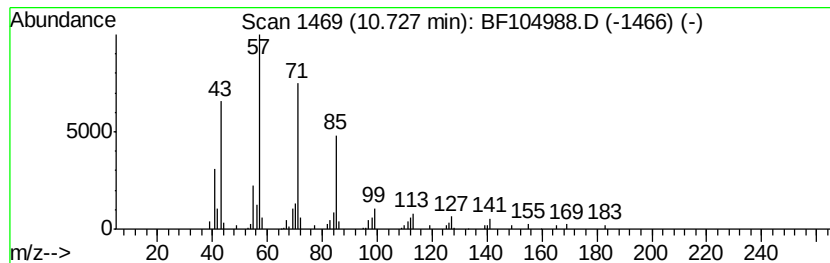
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Octadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.73	2.18 ng	106137	Phenanthrene-d10	11.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Pentadecane	212	C15H32	000629-62-9	91
4	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	90
5	Tetradecane	198	C14H30	000629-59-4	90



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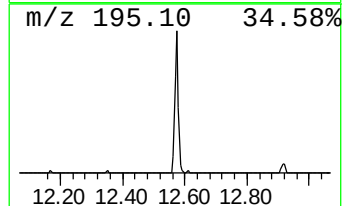
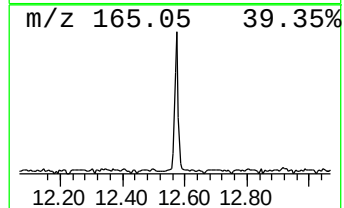
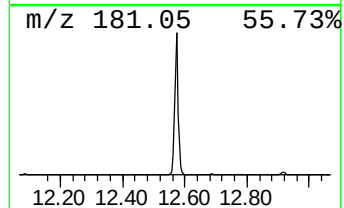
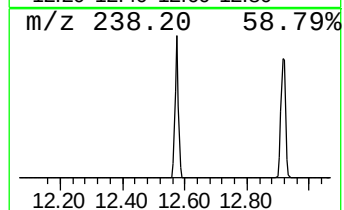
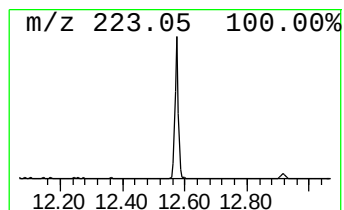
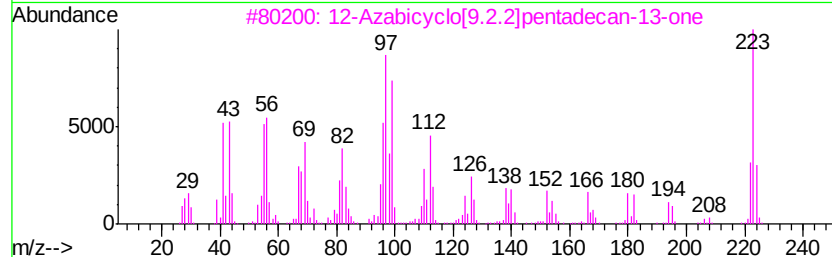
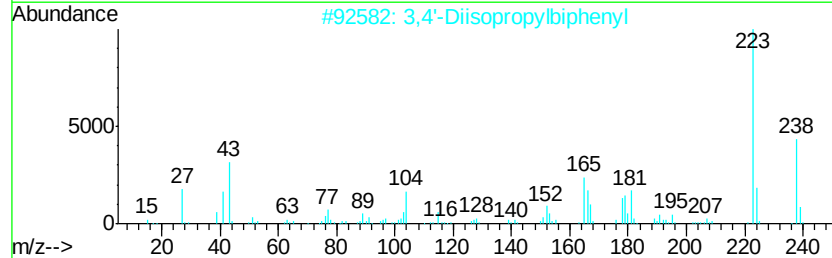
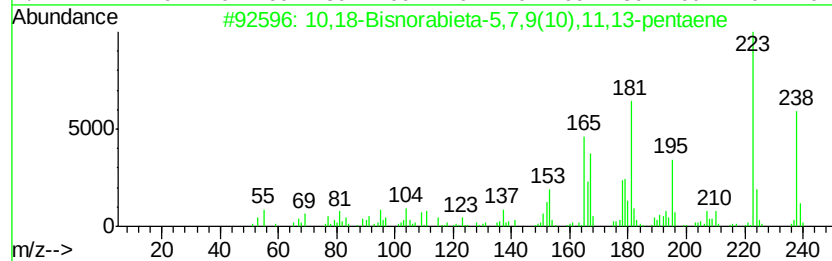
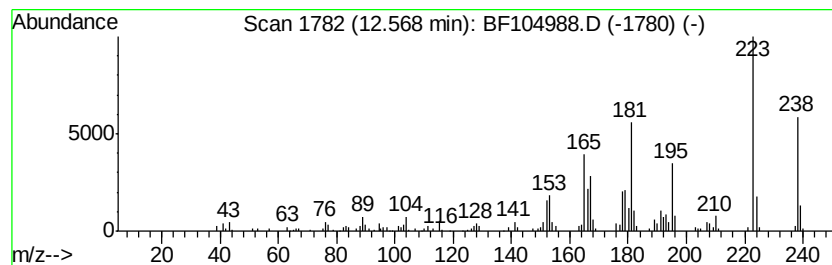
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.57	5.31 ng	258046	Phenanthrene-d10	11.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	86
3	12-Azabicyclo[9.2.2]pentadecan-1...	223	C14H25NO	1000191-26-7	70
4	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	60
5	2-Morpholin-4-yl-5,6-dihydro-4H-...	238	C11H14N2O2S	313251-21-7	59



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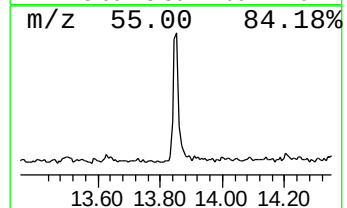
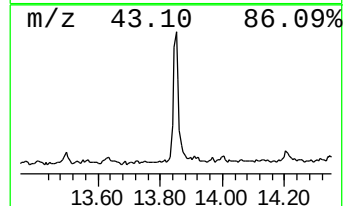
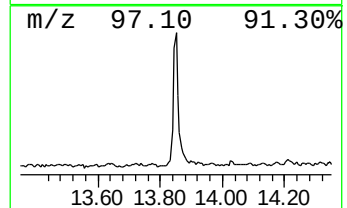
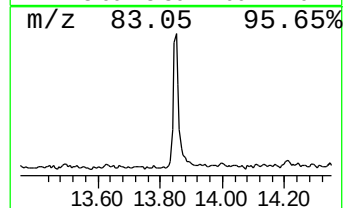
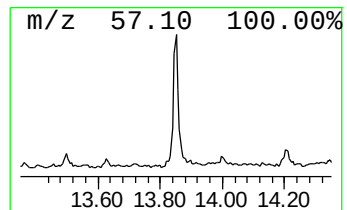
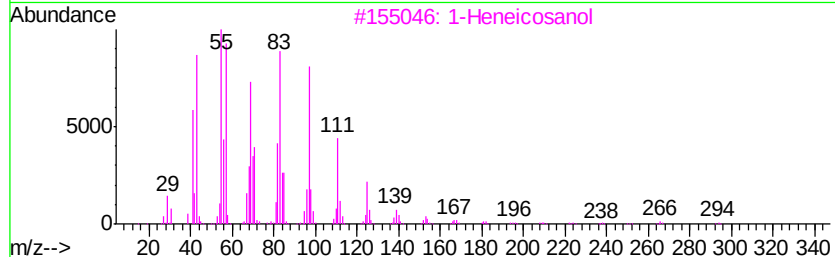
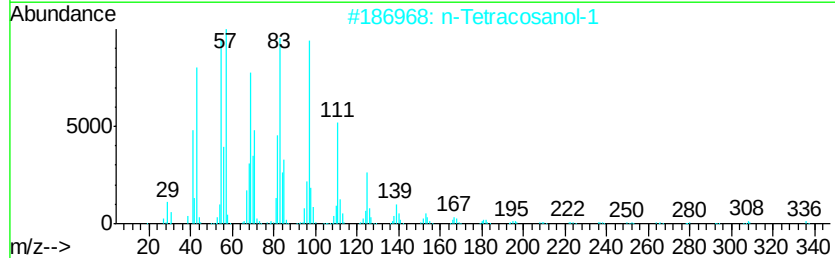
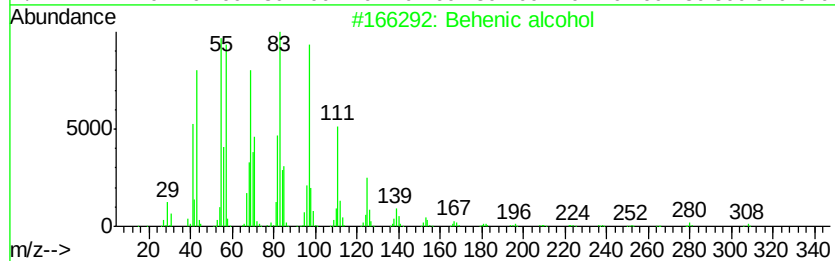
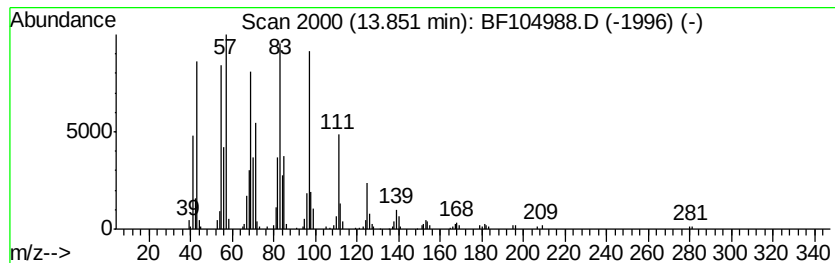
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Behenic alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.85	8.23 ng	318408	Chrysene-d12	14.03	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	95
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94



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HOPE-CREEK-SOIL

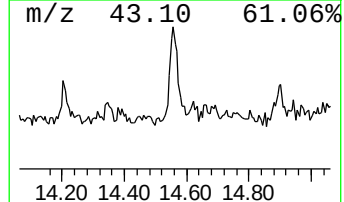
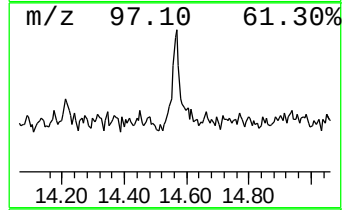
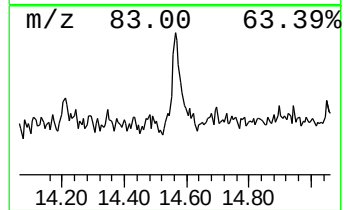
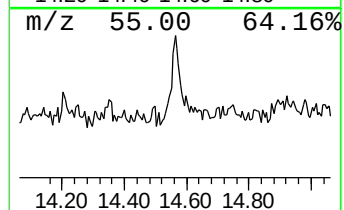
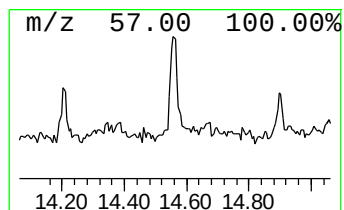
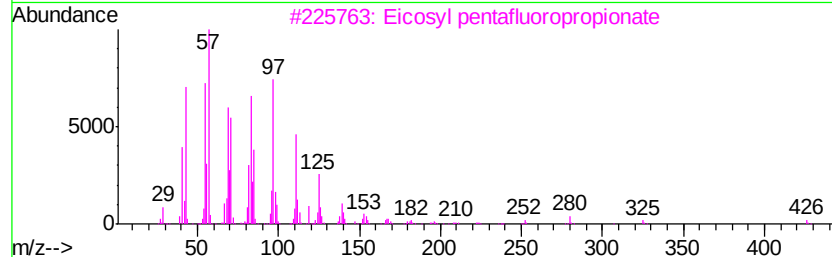
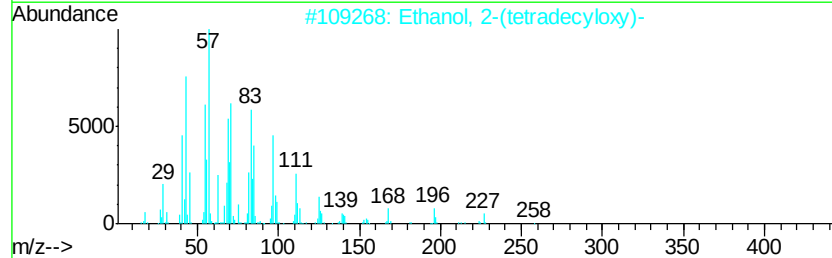
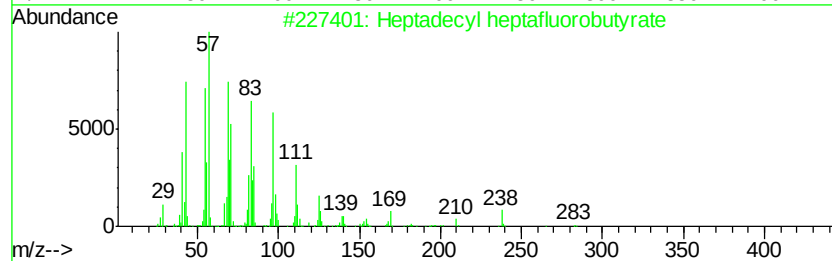
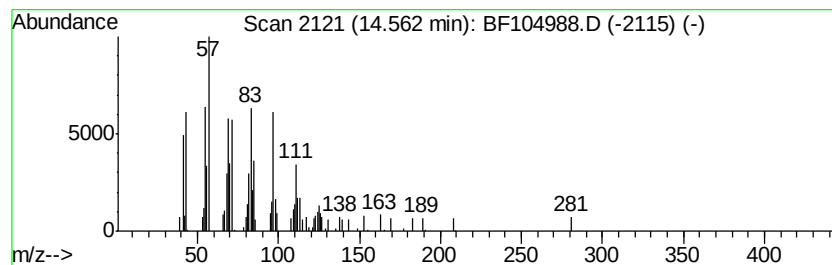
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptadecyl heptafluorobutyrate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	2.83 ng	109411	Chrysene-d12	14.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90
2		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87
3		Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	87
4		Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	83
5		Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
Data File : BF104988.D
Acq On : 1 May 2018 17:15
Operator : JU/SJ
Sample : J2616-37
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HOPE-CREEK-SOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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...	5.00	3.1	ng	100453	1	6.79	653282	20.0
unknown6.56	6.56	72.3	ng	2362480	1	6.79	653282	20.0
Octadecane	10.73	2.2	ng	106137	4	11.32	971972	20.0
10,18-Bisnorabiet...	12.57	5.3	ng	258046	4	11.32	971972	20.0
Behenic alcohol	13.85	8.2	ng	318408	5	14.03	773824	20.0
Heptadecyl heptaf...	14.56	2.8	ng	109411	5	14.03	773824	20.0