

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
 Data File : BF104068.D
 Acq On : 29 Mar 2018 22:52
 Operator : JU/SJ
 Sample : J2103-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SOIL-1

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-BF032818.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	2.293	30	35	42	rVB	78698	105579	4.03%	0.496%
2	5.204	526	530	540	rBV	54030	77583	2.96%	0.364%
3	5.598	593	597	619	rBV	1209753	1916851	73.20%	8.998%
4	6.598	763	767	787	rBV	1283668	2154569	82.28%	10.114%
5	6.739	787	791	826	rVV	1660121	2618674	100.00%	12.293%
6	6.969	826	830	852	rVV	375057	729721	27.87%	3.425%
7	7.122	852	856	889	rVB	1331333	1787105	68.24%	8.389%
8	7.528	922	925	948	rBV	771630	1360847	51.97%	6.388%
9	7.681	949	951	965	rVB2	23420	43482	1.66%	0.204%
10	8.245	1044	1047	1069	rBV	637051	893050	34.10%	4.192%
11	9.316	1225	1229	1238	rBV	1959394	2152836	82.21%	10.106%
12	9.710	1291	1296	1302	rBV	147194	217971	8.32%	1.023%
13	9.857	1318	1321	1323	rBV2	71845	64818	2.48%	0.304%
14	9.904	1327	1329	1333	rVB2	93579	94069	3.59%	0.442%
15	9.945	1333	1336	1338	rBV2	39448	42602	1.63%	0.200%
16	10.004	1343	1346	1358	rVB	858932	969892	37.04%	4.553%
17	10.233	1383	1385	1389	rBV3	27805	27943	1.07%	0.131%
18	10.333	1400	1402	1404	rBV3	41130	29668	1.13%	0.139%
19	10.404	1411	1414	1418	rVB2	217501	210861	8.05%	0.990%
20	10.457	1419	1423	1429	rVV4	102310	162080	6.19%	0.761%
21	10.633	1450	1453	1456	rBV	108360	97937	3.74%	0.460%
22	10.798	1478	1481	1489	rBV	899286	1273668	48.64%	5.979%
23	10.898	1495	1498	1501	rVB	234295	253507	9.68%	1.190%
24	11.369	1575	1578	1580	rBV	153187	161280	6.16%	0.757%
25	11.504	1598	1601	1609	rVB	594052	682492	26.06%	3.204%
26	13.086	1866	1870	1878	rBV	1444176	1546003	59.04%	7.257%
27	13.963	2015	2019	2025	rBV	112550	144327	5.51%	0.678%
28	14.104	2039	2043	2048	rVB	316691	279753	10.68%	1.313%
29	14.157	2048	2052	2062	rBV	525162	639058	24.40%	3.000%
30	15.698	2309	2314	2327	rVB	322373	564649	21.56%	2.651%

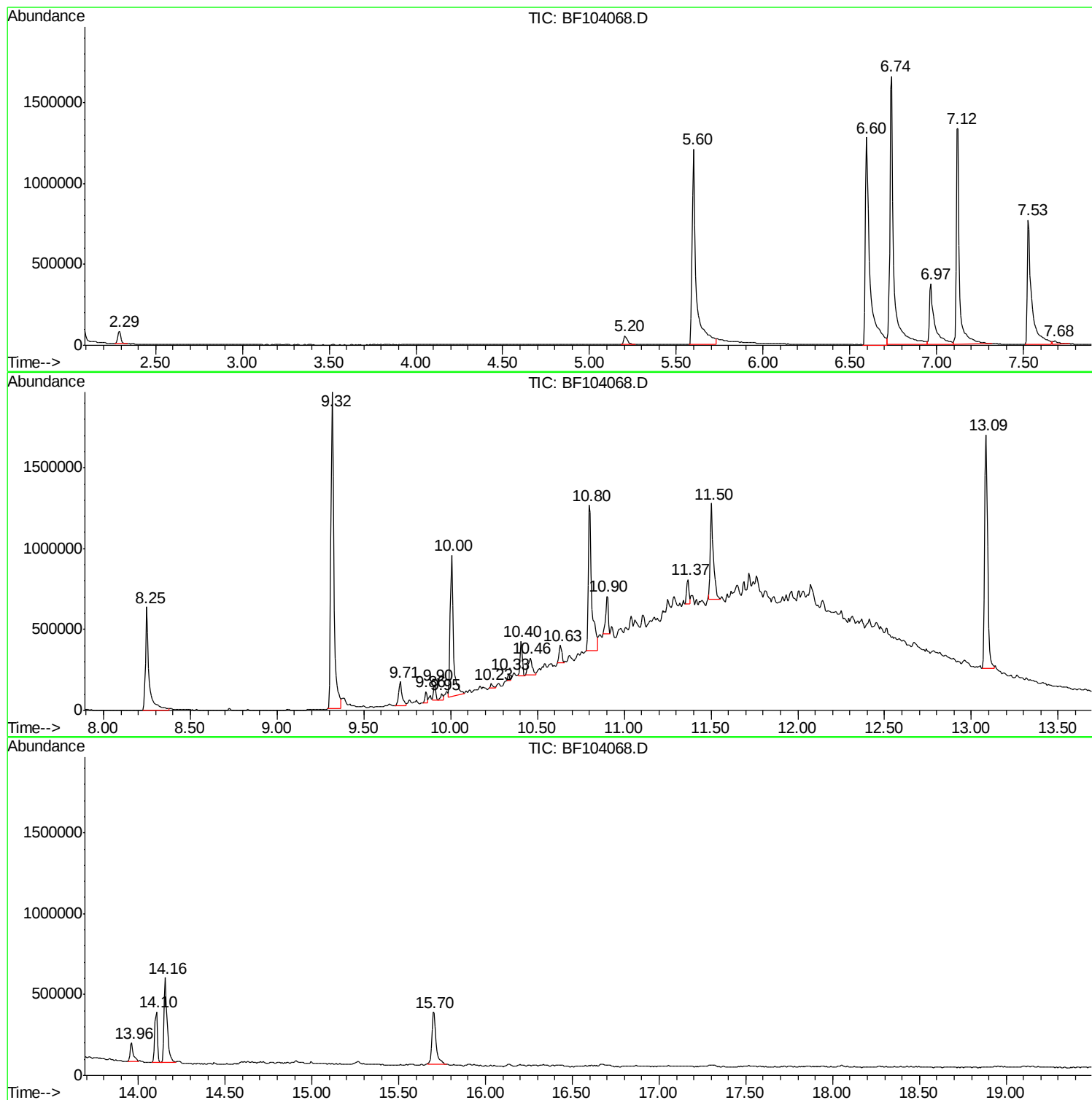
Sum of corrected areas: 21302875

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
Data File : BF104068.D
Acq On : 29 Mar 2018 22:52
Operator : JU/SJ
Sample : J2103-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SOIL-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.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\BF032918\
Data File : BF104068.D
Acq On : 29 Mar 2018 22:52
Operator : JU/SJ
Sample : J2103-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SOIL-1

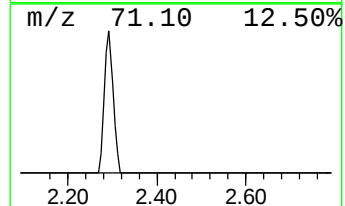
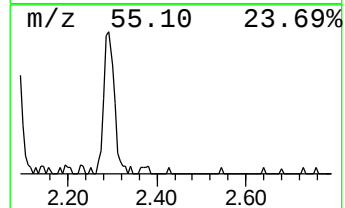
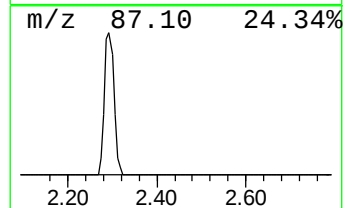
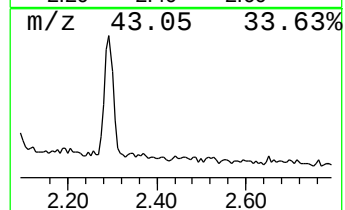
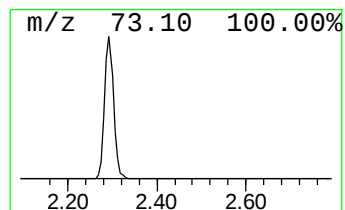
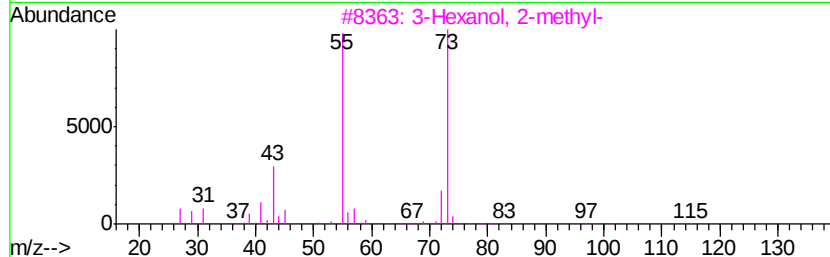
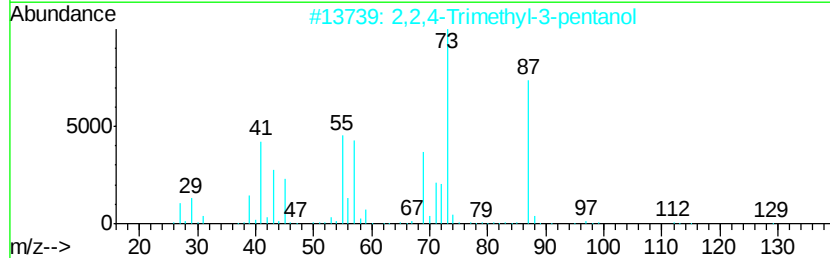
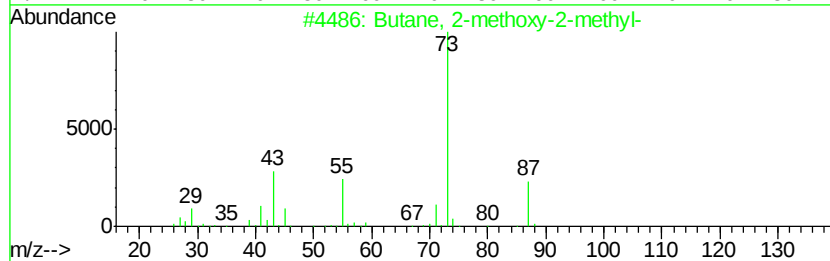
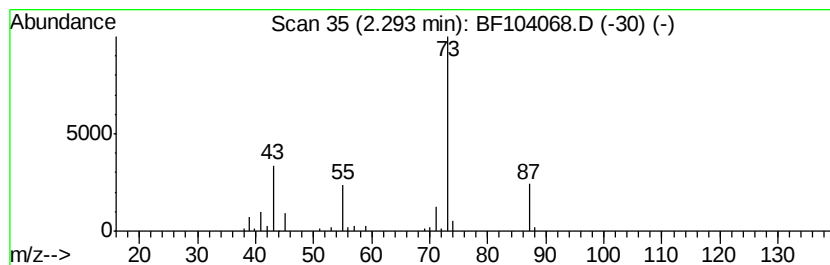
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.29	2.89 ng	105579	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3		3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	23
4		1,4-Butanediamine	88	C4H12N2	000110-60-1	9
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032918\
Data File : BF104068.D
Acq On : 29 Mar 2018 22:52
Operator : JU/SJ
Sample : J2103-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SOIL-1

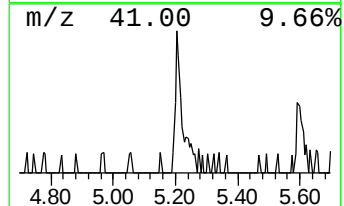
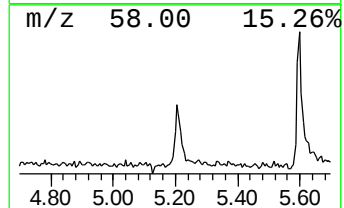
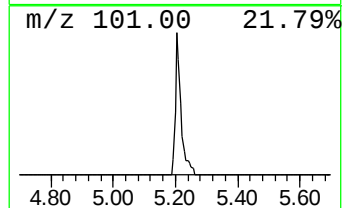
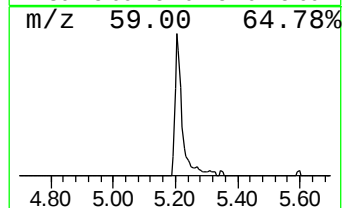
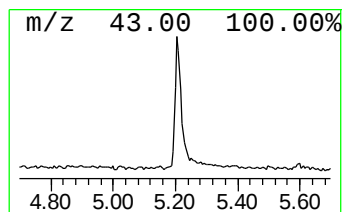
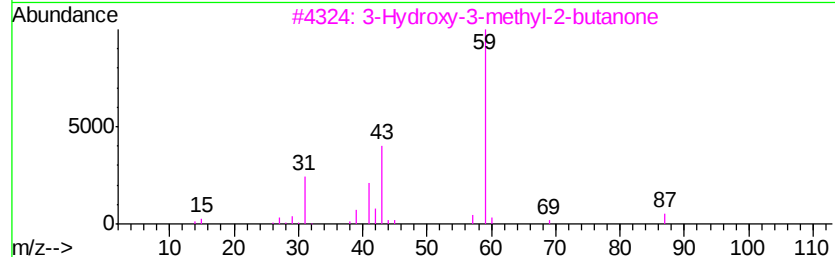
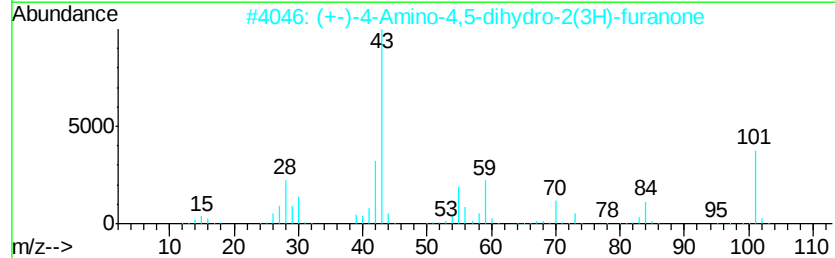
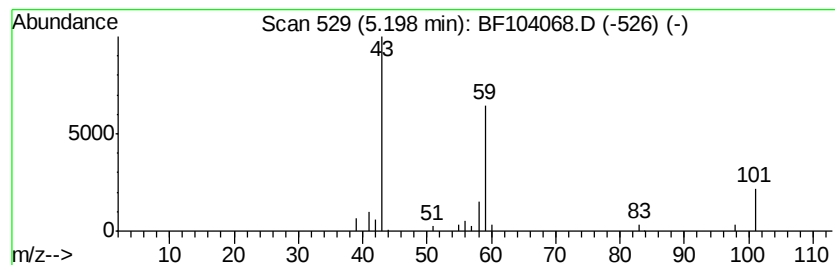
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	2.13 ng	77583	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
2		(+)-4-Amino-4,5-dihydro-2(3H)-furanone	101	C4H7NO2	016504-58-8	28
3		3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	27
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5		1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
Data File : BF104068.D
Acq On : 29 Mar 2018 22:52
Operator : JU/SJ
Sample : J2103-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SOIL-1

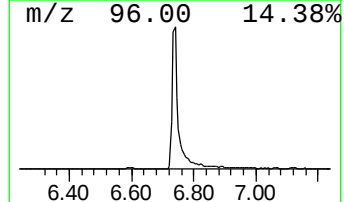
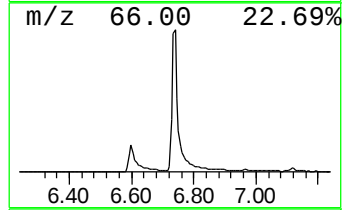
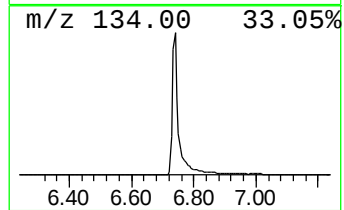
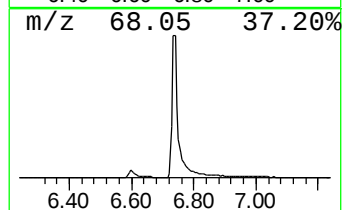
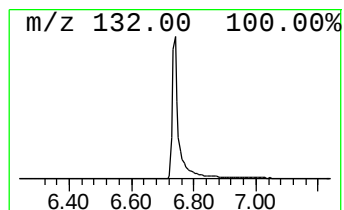
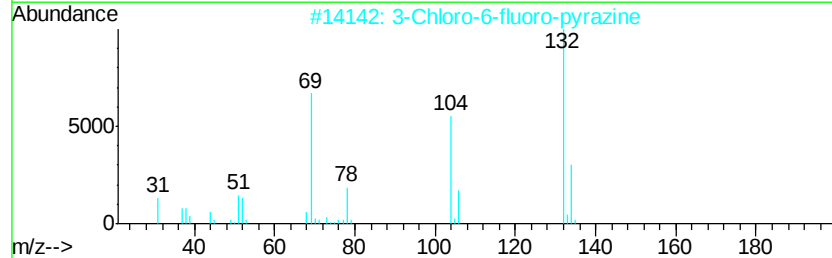
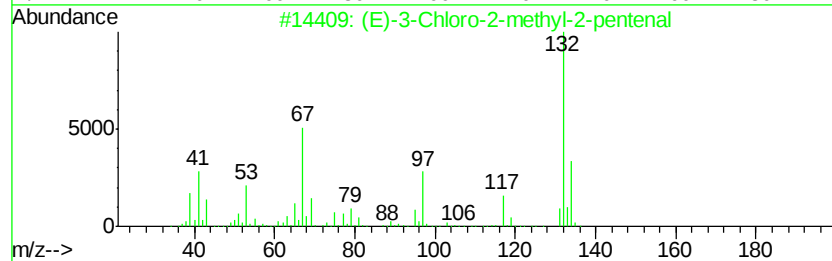
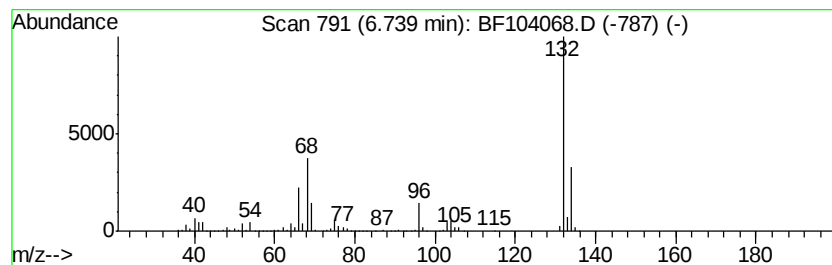
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	71.77 ng	2618670	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	12
4		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032918\
Data File : BF104068.D
Acq On : 29 Mar 2018 22:52
Operator : JU/SJ
Sample : J2103-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

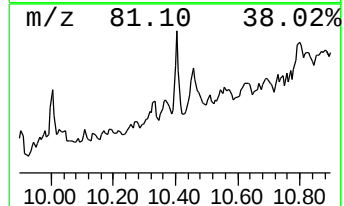
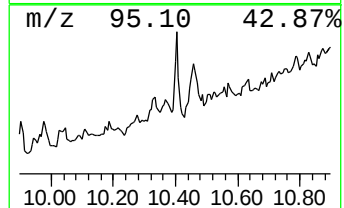
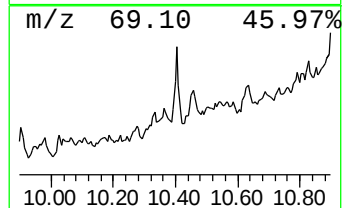
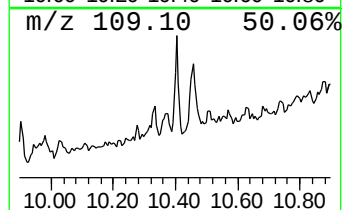
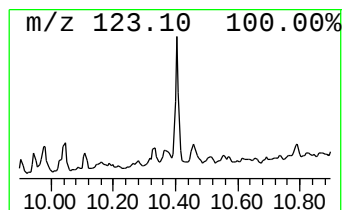
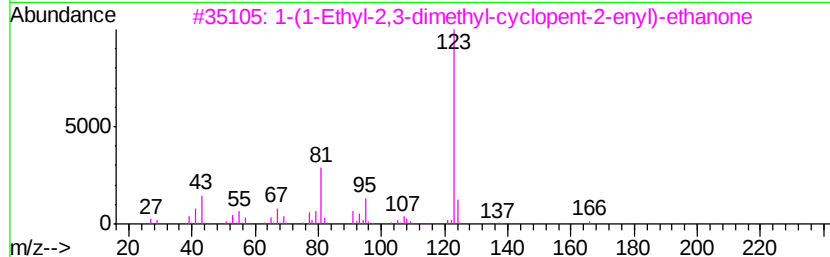
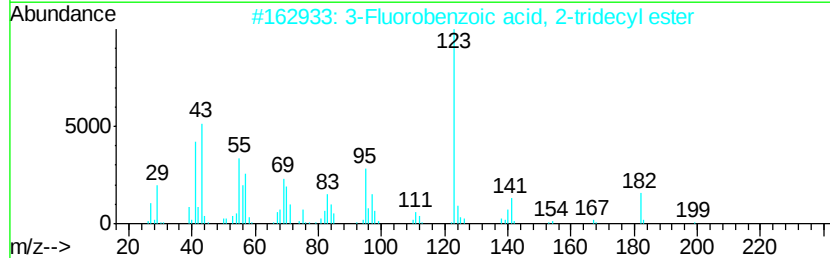
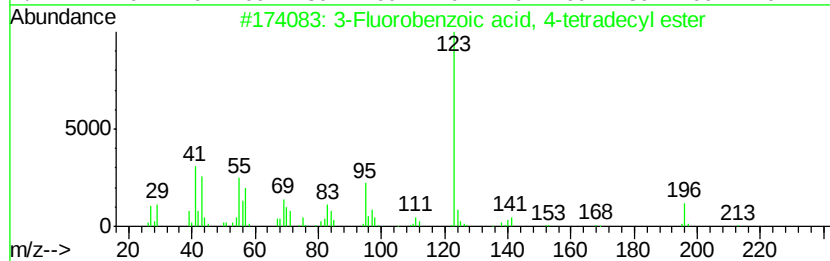
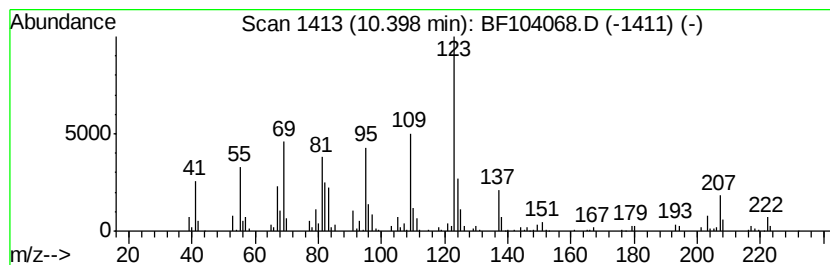
Instrument :
BNA_F
ClientSampleId :
LS-SOIL-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 3-Fluorobenzoic acid, 4-tet... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.40	4.35 ng	210861	Acenaphthene-d10	10.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Fluorobenzoic acid, 4-tetradec...	336	C21H33F02	1000280-60-6	50
2	3-Fluorobenzoic acid, 2-tridecyl...	322	C20H31F02	1000280-60-2	47
3	1-(1-Ethyl-2,3-dimethyl-cyclopent...	166	C11H18O	1000185-18-6	43
4	4-Nitrophenyl bicyclo[4.1.0]hept...	261	C14H15N04	328938-65-4	43
5	Pentanamide, N-(4-methoxyphenyl)-	207	C12H17N02	1000306-89-3	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032918\
Data File : BF104068.D
Acq On : 29 Mar 2018 22:52
Operator : JU/SJ
Sample : J2103-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

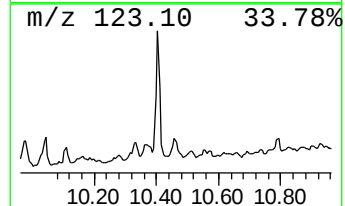
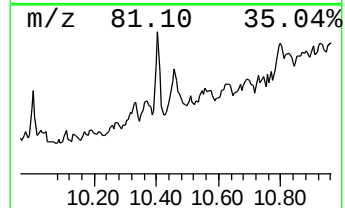
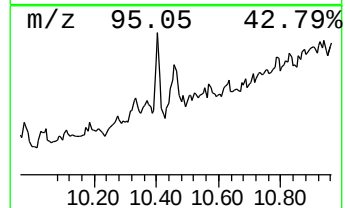
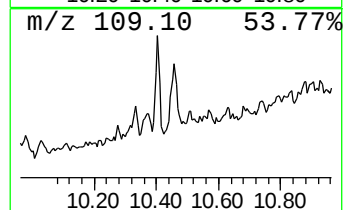
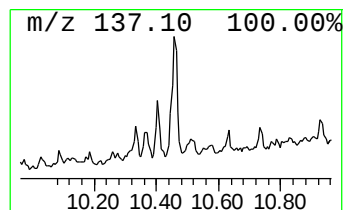
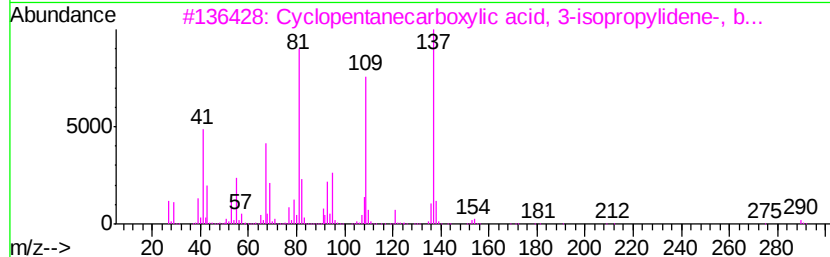
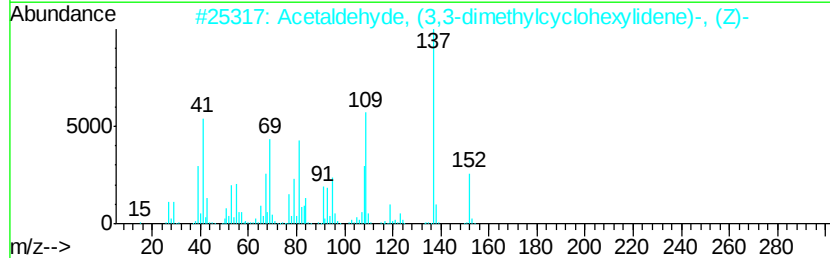
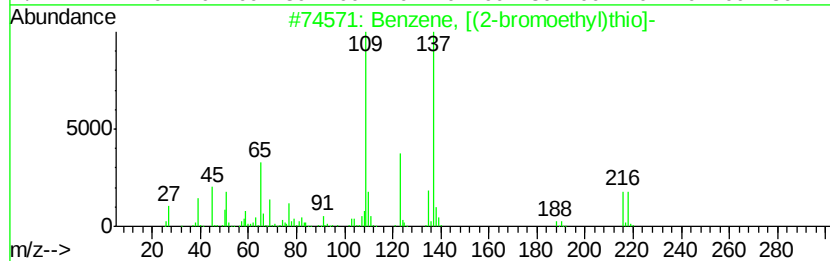
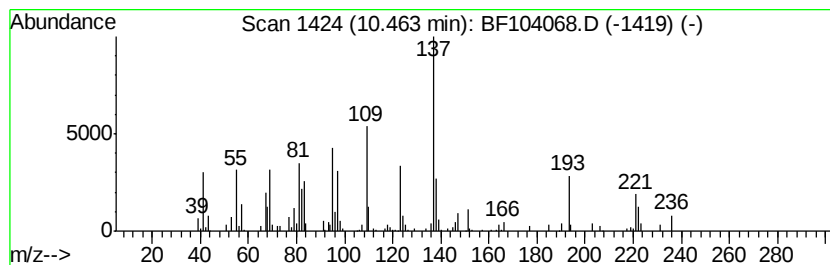
Instrument :
BNA_F
ClientSampleId :
LS-SOIL-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown10.46 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.46	3.34 ng	162080	Acenaphthene-d10	10.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [(2-bromoethyl)thio]-	216	C8H9BrS	004837-01-8	38
2	Acetaldehyde, (3,3-dimethylcyclo...	152	C10H16O	026532-24-1	37
3	Cyclopentanecarboxylic acid, 3-i...	290	C19H30O2	1000151-83-4	32
4	5-(1-Bromo-1-methyl-ethyl)-2-met...	234	C10H19BrO	1000188-65-7	25
5	3-Penten-2-one, 4-(2,2,6-trimeth...	222	C14H22O2	089128-12-1	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
Data File : BF104068.D
Acq On : 29 Mar 2018 22:52
Operator : JU/SJ
Sample : J2103-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SOIL-1

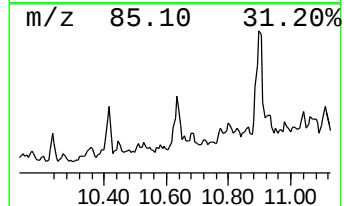
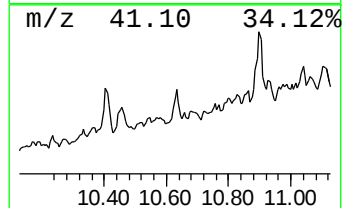
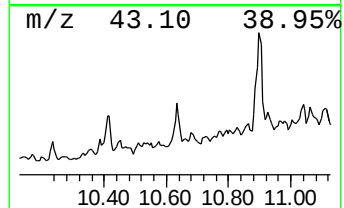
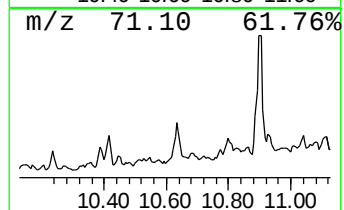
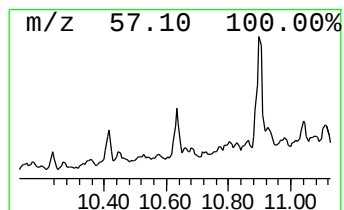
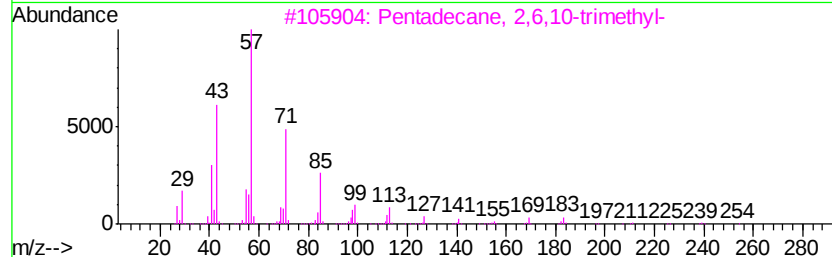
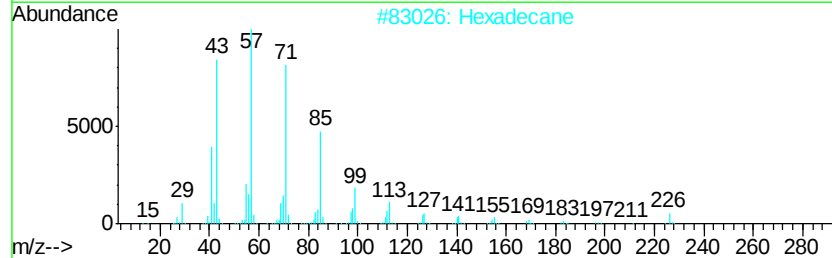
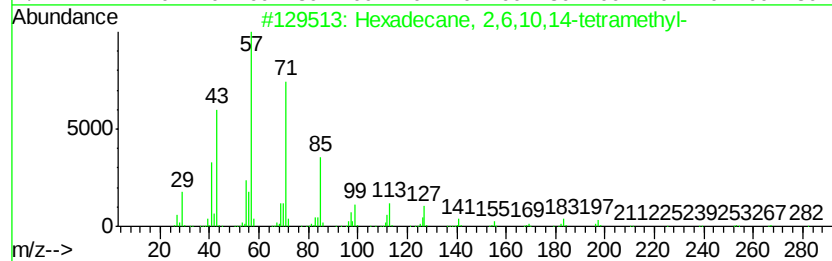
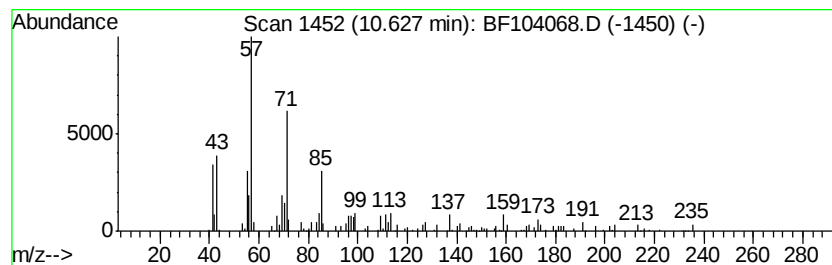
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane, 2,6,10,14-tetra... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.63	2.02 ng	97937	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
2		Hexadecane	226	C16H34	000544-76-3	83
3		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	80
4		Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	80
5		Tetracosane	338	C24H50	000646-31-1	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
Data File : BF104068.D
Acq On : 29 Mar 2018 22:52
Operator : JU/SJ
Sample : J2103-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SOIL-1

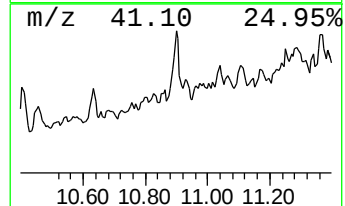
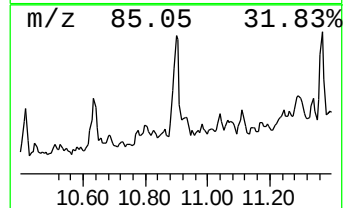
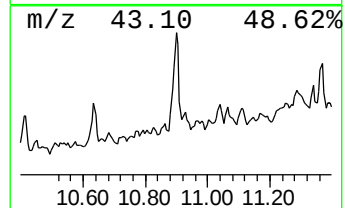
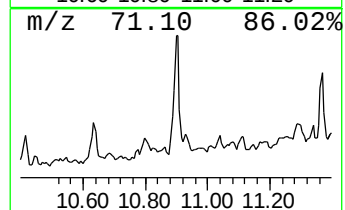
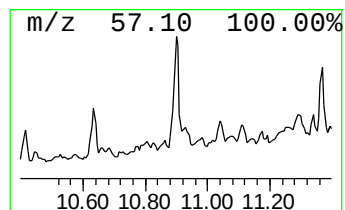
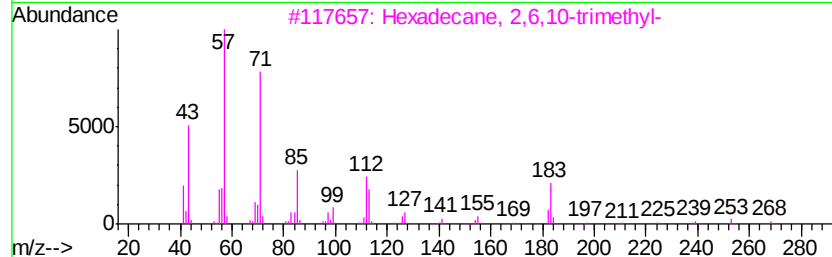
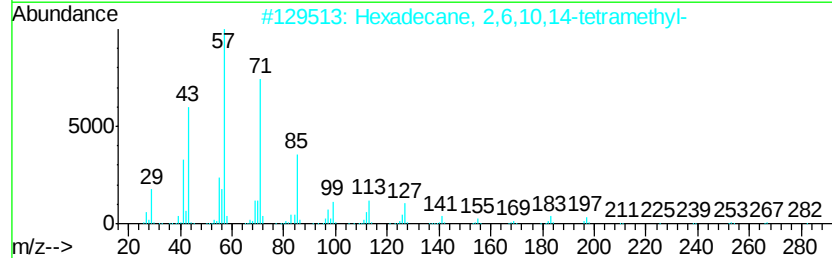
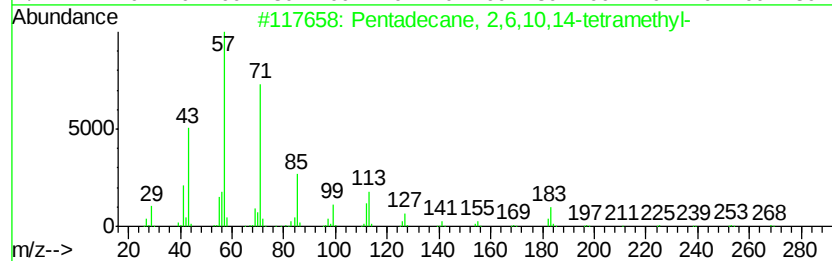
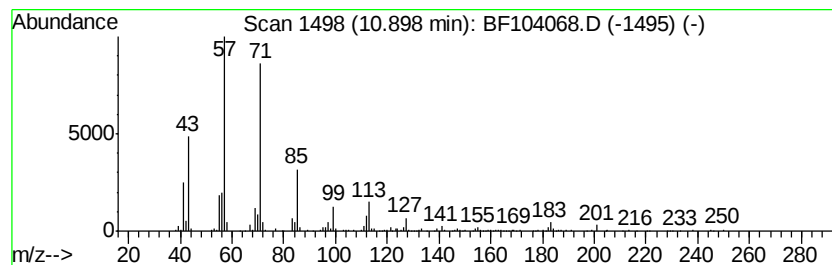
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentadecane, 2,6,10,14-tetr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	7.43 ng	253507	Phenanthrene-d10	11.50

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	91
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
3		Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	80
4		Dodecane	170	C12H26	000112-40-3	72
5		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	68



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
Data File : BF104068.D
Acq On : 29 Mar 2018 22:52
Operator : JU/SJ
Sample : J2103-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SOIL-1

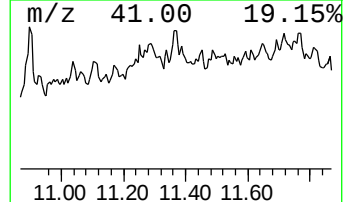
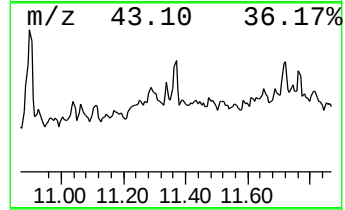
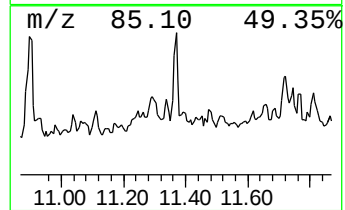
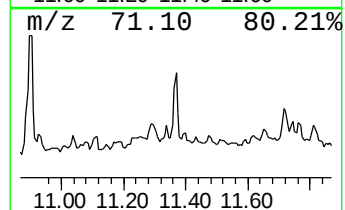
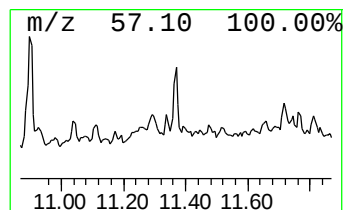
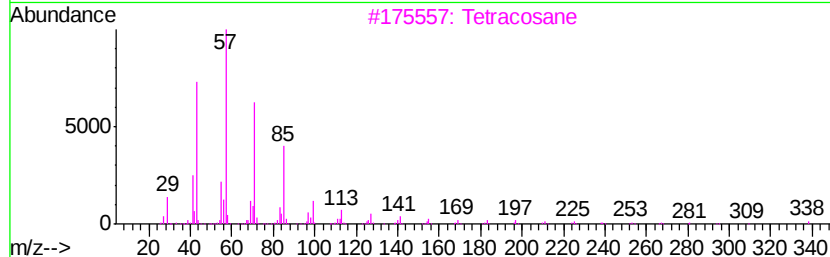
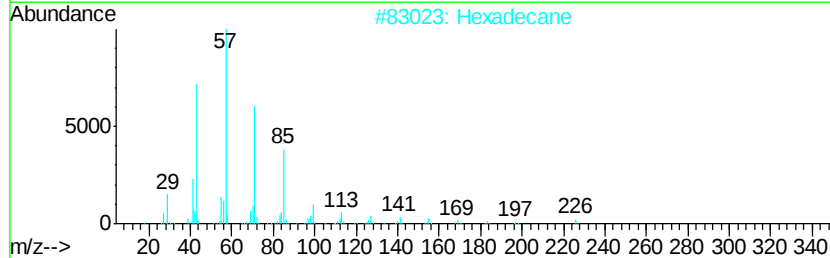
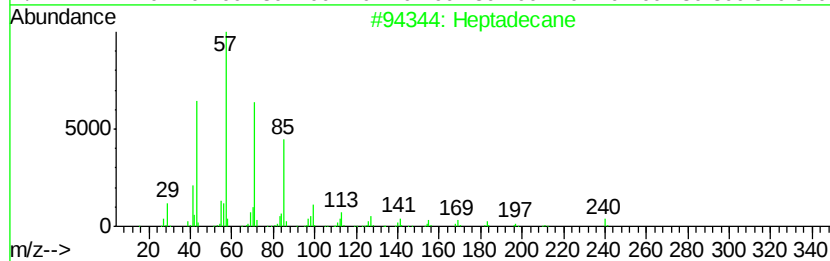
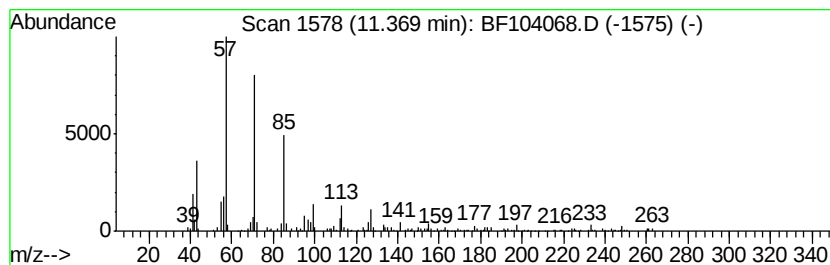
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	4.73 ng	161280	Phenanthrene-d10	11.50

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	Tetracosane		338	C24H50	000646-31-1	90
4	Hexadecane, 1-iodo-		352	C16H33I	000544-77-4	90
5	Octadecane		254	C18H38	000593-45-3	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
Data File : BF104068.D
Acq On : 29 Mar 2018 22:52
Operator : JU/SJ
Sample : J2103-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SOIL-1

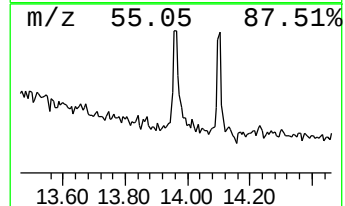
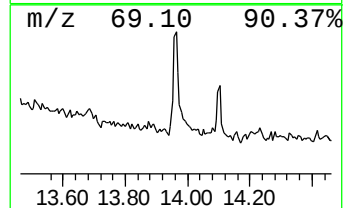
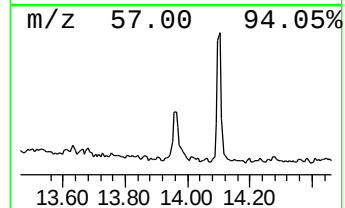
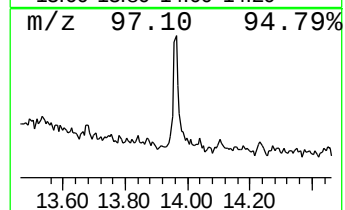
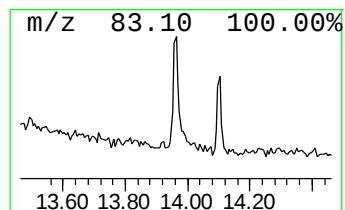
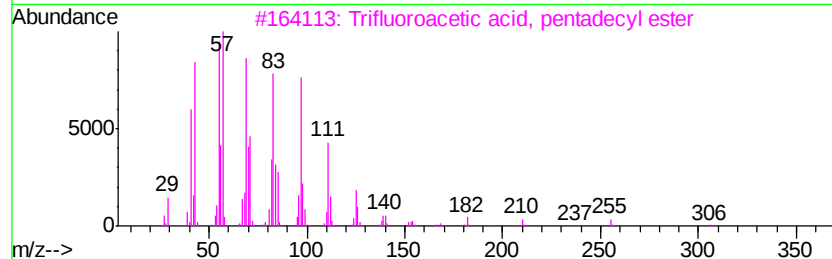
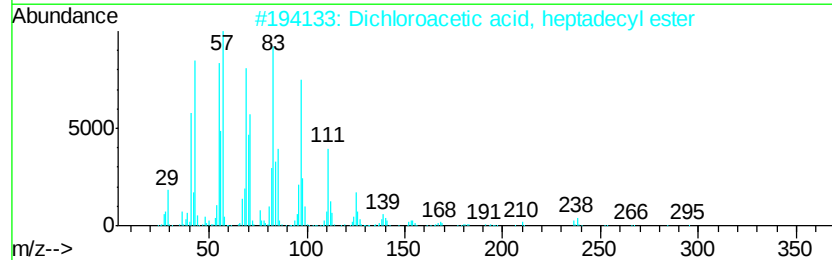
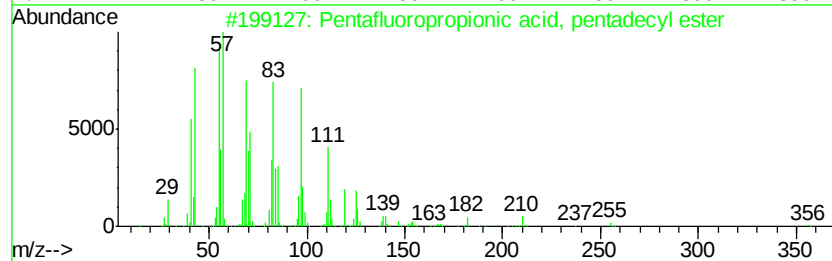
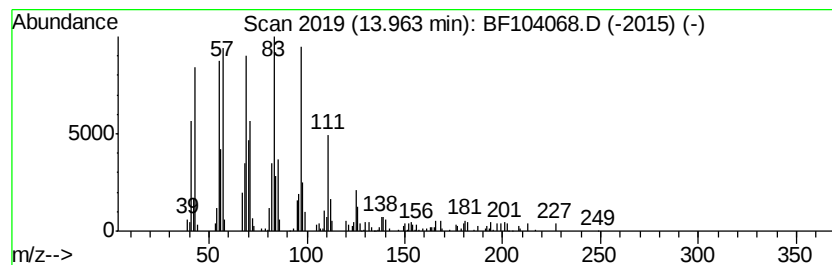
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pentafluoropropionic acid, ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	4.52 ng	144327	Chrysene-d12	14.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	95
2		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
3		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	95
4		1-Nonadecene	266	C19H38	018435-45-5	94
5		Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032918\
Data File : BF104068.D
Acq On : 29 Mar 2018 22:52
Operator : JU/SJ
Sample : J2103-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SOIL-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.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
Butane, 2-methoxy...	2.29	2.9	ng	105579	1	6.97	729721	20.0
2-Pentanone, 4-hy...	5.20	2.1	ng	77583	1	6.97	729721	20.0
unknown6.74	6.74	71.8	ng	2618670	1	6.97	729721	20.0
3-Fluorobenzoic a...	10.40	4.3	ng	210861	3	10.00	969892	20.0
unknown10.46	10.46	3.3	ng	162080	3	10.00	969892	20.0
Hexadecane, 2,6,1...	10.63	2.0	ng	97937	3	10.00	969892	20.0
Pentadecane, 2,6,...	10.90	7.4	ng	253507	4	11.50	682492	20.0
Heptadecane	11.37	4.7	ng	161280	4	11.50	682492	20.0
Pentafluoropropio...	13.96	4.5	ng	144327	5	14.16	639058	20.0