

Data Path : Z:\HPCHEM1\BNA F\Data\BF041317\
 Data File : BF094406.D
 Acq On : 13 Apr 2017 22:29
 Operator : SJ/MA
 Sample : I2685-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WEST-ORANGE-TOPSOIL

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-BF032217.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	3.928	343	347	357	rBV	460694	642264	14.70%	1.608%
2	4.345	413	418	421	rBV	3602730	3575713	81.86%	8.950%
3	5.428	592	602	611	rBV	2939560	4045936	92.63%	10.126%
4	5.545	616	622	625	rBV	3695584	3837857	87.87%	9.606%
5	5.786	659	663	667	rBV	1105844	948129	21.71%	2.373%
6	5.969	688	694	697	rVB	2933841	3064308	70.16%	7.670%
7	6.439	767	774	777	rBV	2174190	2442909	55.93%	6.114%
8	7.286	913	918	922	rBV	1360254	1253731	28.70%	3.138%
9	8.616	1137	1144	1147	rBV	3964068	4367883	100.00%	10.932%
10	9.110	1223	1228	1232	rBV	291541	296096	6.78%	0.741%
11	9.422	1274	1281	1286	rBV2	1199888	1292027	29.58%	3.234%
12	10.021	1379	1383	1387	rVB	73185	71099	1.63%	0.178%
13	10.292	1423	1429	1432	rBV	30427	46608	1.07%	0.117%
14	10.404	1442	1448	1451	rBV	1872716	2009517	46.01%	5.030%
15	10.604	1477	1482	1489	rBV	113787	162478	3.72%	0.407%
16	11.157	1572	1576	1579	rBV	83326	77957	1.78%	0.195%
17	11.245	1586	1591	1595	rBV	1141058	1083154	24.80%	2.711%
18	11.386	1612	1615	1621	rVB	55171	55479	1.27%	0.139%
19	11.598	1646	1651	1658	rBV6	40376	66251	1.52%	0.166%
20	11.686	1663	1666	1670	rVB	59167	56667	1.30%	0.142%
21	11.998	1711	1719	1722	rBV5	21763	48203	1.10%	0.121%
22	12.674	1829	1834	1837	rVB	159920	169356	3.88%	0.424%
23	13.227	1922	1928	1931	rBV	2799404	3086106	70.65%	7.724%
24	13.257	1931	1933	1936	rVV	49391	51940	1.19%	0.130%
25	13.298	1936	1940	1944	rVB	389250	369082	8.45%	0.924%
26	13.574	1983	1987	1992	rVB	278380	285865	6.54%	0.715%
27	13.998	2055	2059	2065	rVB3	62922	84560	1.94%	0.212%
28	14.133	2079	2082	2085	rBV	106289	97770	2.24%	0.245%
29	14.298	2107	2110	2114	rBV6	42350	46479	1.06%	0.116%
30	14.404	2122	2128	2134	rBV2	373692	608819	13.94%	1.524%
31	14.456	2134	2137	2139	rVV	116986	127177	2.91%	0.318%
32	14.492	2139	2143	2146	rVV	830316	888437	20.34%	2.224%
33	14.545	2150	2152	2156	rVV2	66221	72397	1.66%	0.181%
34	14.586	2156	2159	2162	rVB3	48912	48012	1.10%	0.120%

Data Path : Z:\HPCHEM1\BNA F\Data\BF041317\
Data File : BF094406.D
Acq On : 13 Apr 2017 22:29
Operator : SJ/MA
Sample : I2685-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WEST-ORANGE-TOPSOIL

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-BF032217.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.798	2189	2195	2199	rBV3	73619	138188	3.16%	0.346%
36	14.939	2216	2219	2223	rBV2	98139	98812	2.26%	0.247%
37	15.174	2254	2259	2266	rBV	438005	647369	14.82%	1.620%
38	15.233	2266	2269	2273	rVB	122482	145190	3.32%	0.363%
39	15.321	2281	2284	2287	rBV3	42939	47797	1.09%	0.120%
40	15.539	2318	2321	2325	rVB2	76650	101580	2.33%	0.254%
41	15.686	2342	2346	2350	rBV	331791	360382	8.25%	0.902%
42	15.892	2377	2381	2384	rBV	467727	558276	12.78%	1.397%
43	15.962	2390	2393	2396	rVB	146352	161187	3.69%	0.403%
44	16.115	2415	2419	2431	rVB	591011	750687	17.19%	1.879%
45	16.409	2465	2469	2473	rBV	394334	504291	11.55%	1.262%
46	16.627	2501	2506	2511	rVB	269926	386637	8.85%	0.968%
47	16.727	2519	2523	2527	rVB	144269	202847	4.64%	0.508%
48	17.309	2616	2622	2630	rBV3	241632	470475	10.77%	1.178%

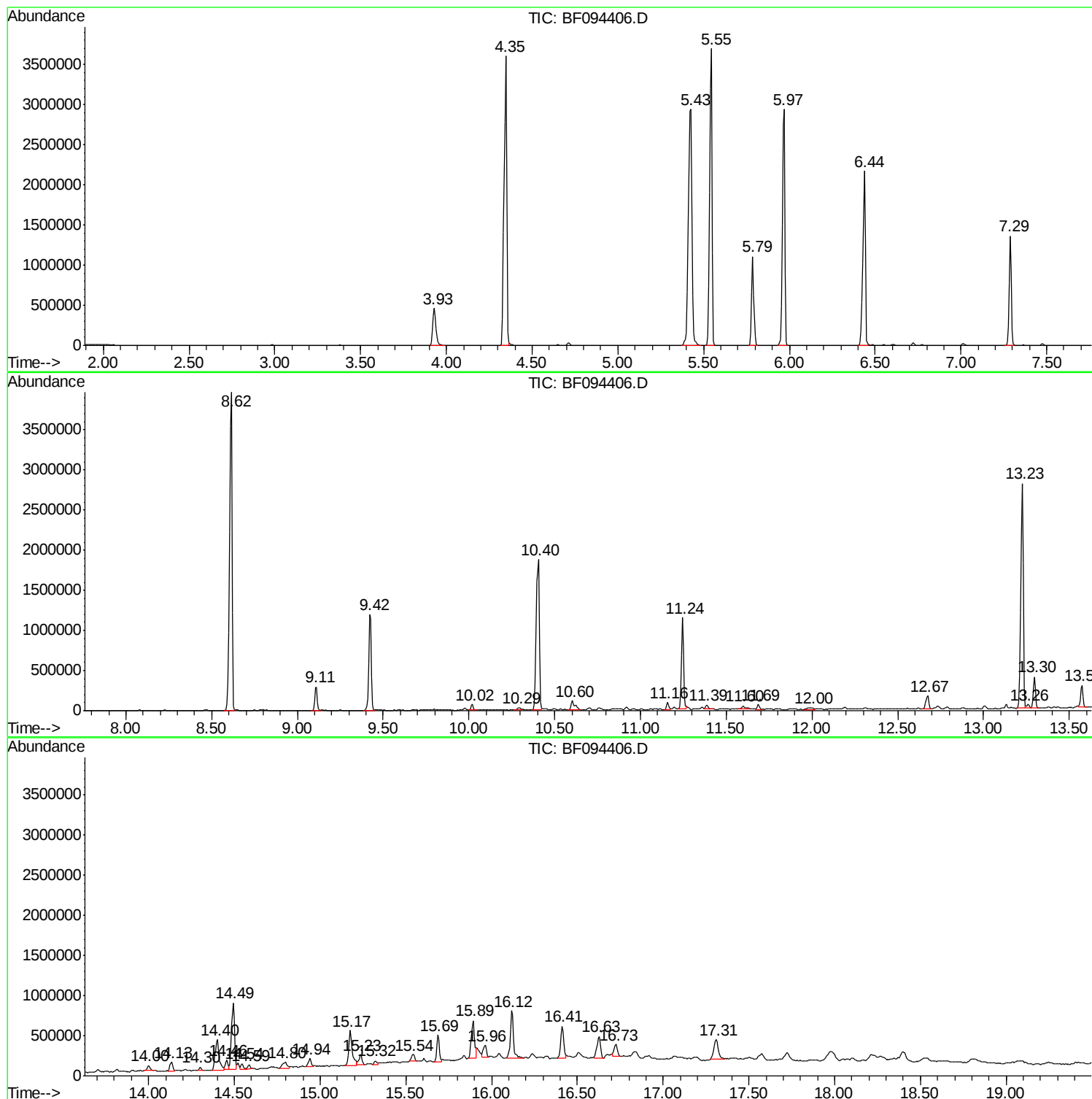
Sum of corrected areas: 39953984

Data Path : Z:\HPCHEM1\BNA F\Data\BF041317\
Data File : BF094406.D
Acq On : 13 Apr 2017 22:29
Operator : SJ/MA
Sample : I2685-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WEST-ORANGE-TOPSOIL

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\Data\BF041317\
Data File : BF094406.D
Acq On : 13 Apr 2017 22:29
Operator : SJ/MA
Sample : I2685-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WEST-ORANGE-TOPSOIL

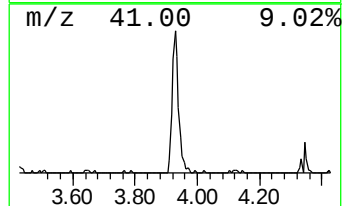
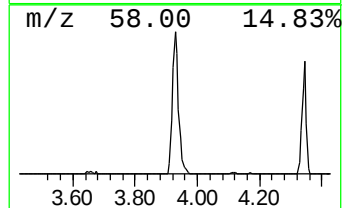
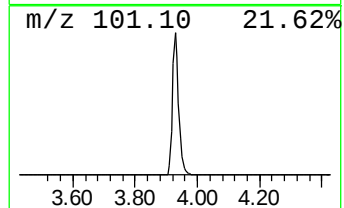
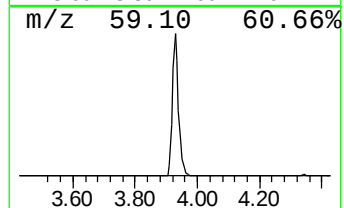
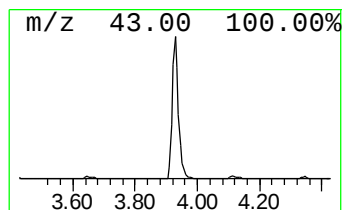
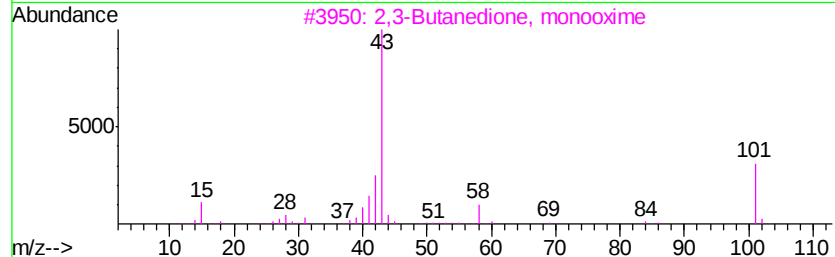
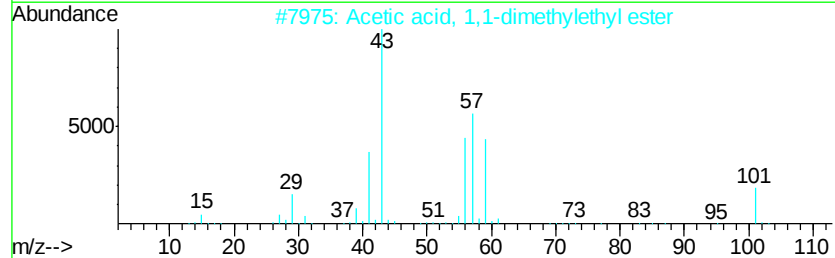
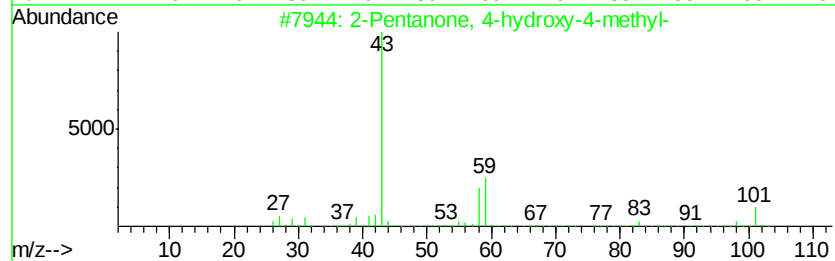
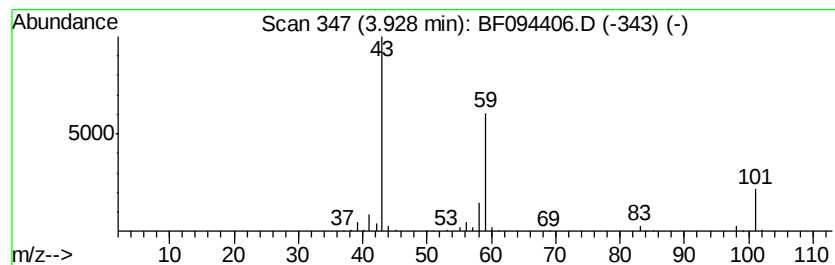
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.93	13.55 ng	642264	1,4-Dichlorobenzene-d4	5.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



Data Path : Z:\HPCHEM1\BNA F\Data\BF041317\
Data File : BF094406.D
Acq On : 13 Apr 2017 22:29
Operator : SJ/MA
Sample : I2685-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WEST-ORANGE-TOPSOIL

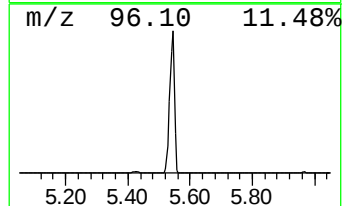
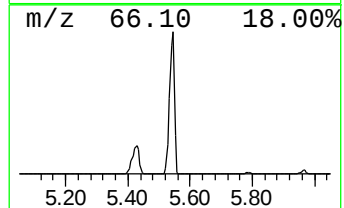
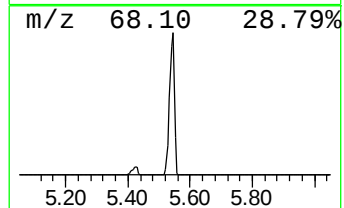
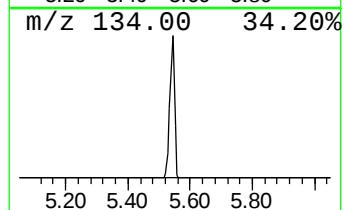
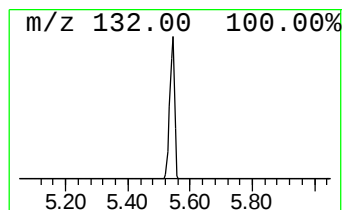
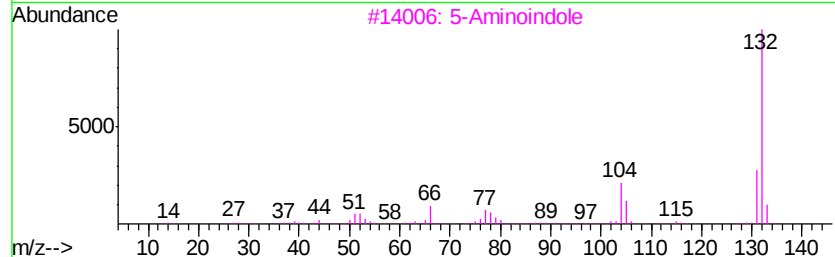
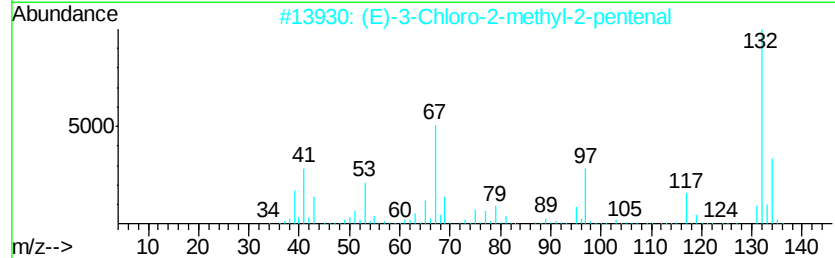
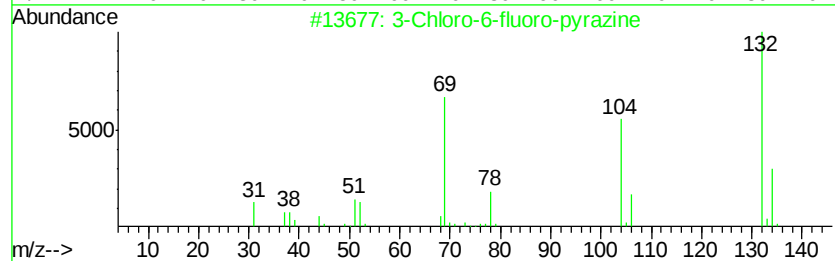
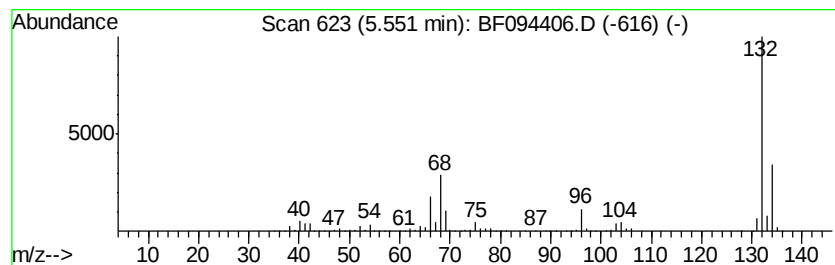
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown5.55 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.55	80.96 ng	3837860	1,4-Dichlorobenzene-d4	5.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10



Data Path : Z:\HPCHEM1\BNA F\Data\BF041317\
Data File : BF094406.D
Acq On : 13 Apr 2017 22:29
Operator : SJ/MA
Sample : I2685-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WEST-ORANGE-TOPSOIL

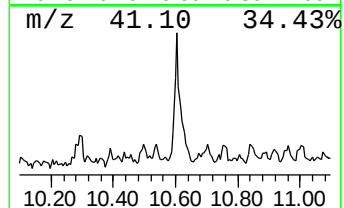
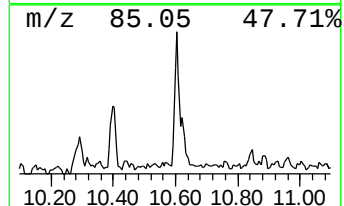
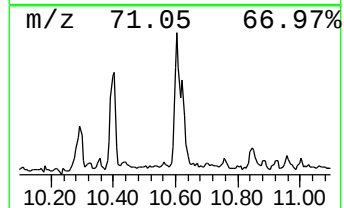
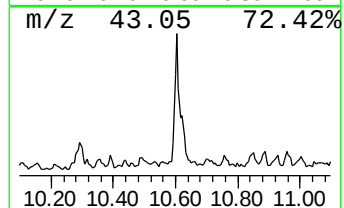
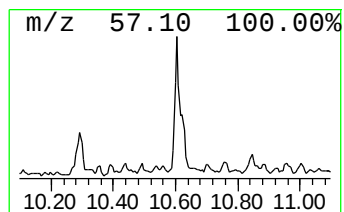
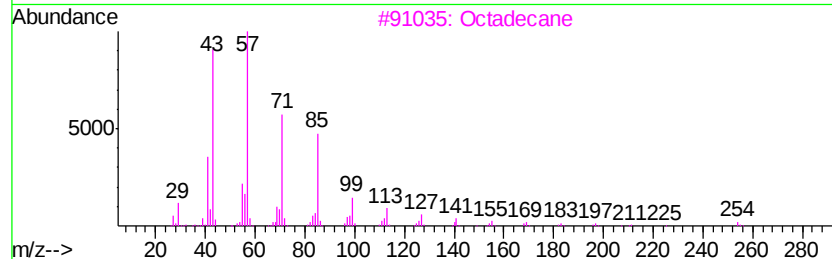
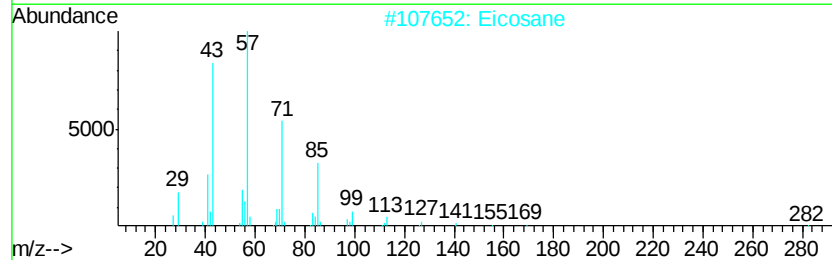
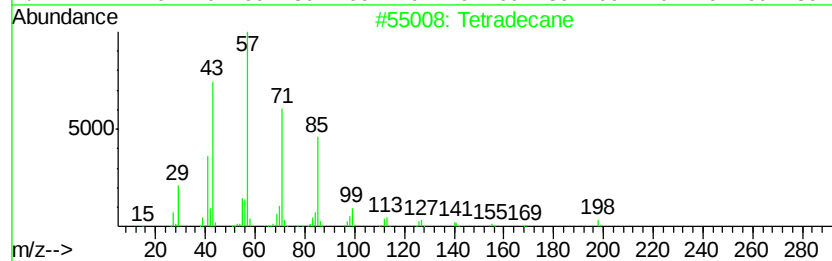
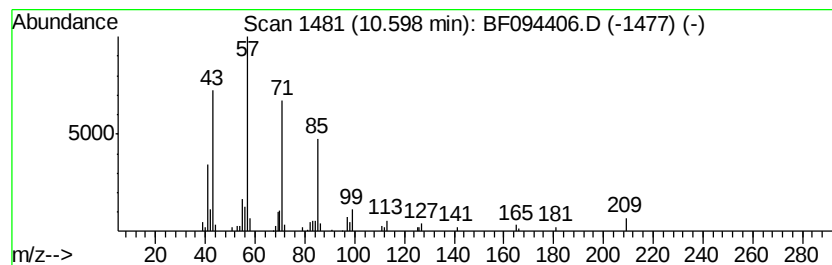
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tetradecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	3.00 ng	162478	Phenanthrene-d10	11.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	91
2			Eicosane	282	C20H42	000112-95-8	91
3			Octadecane	254	C18H38	000593-45-3	91
4			Hexadecane	226	C16H34	000544-76-3	90
5			Pentadecane	212	C15H32	000629-62-9	90



Data Path : Z:\HPCHEM1\BNA F\Data\BF041317\
Data File : BF094406.D
Acq On : 13 Apr 2017 22:29
Operator : SJ/MA
Sample : I2685-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WEST-ORANGE-TOPSOIL

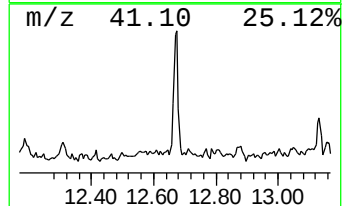
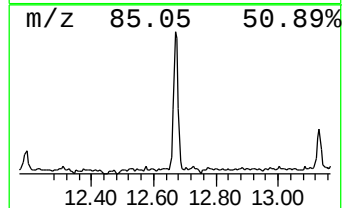
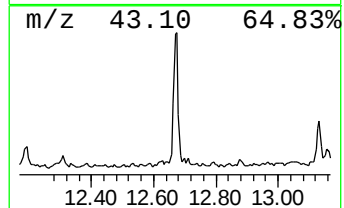
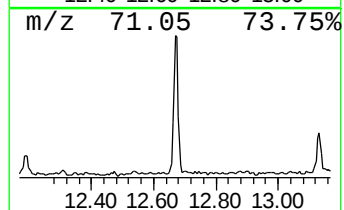
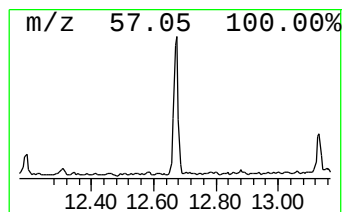
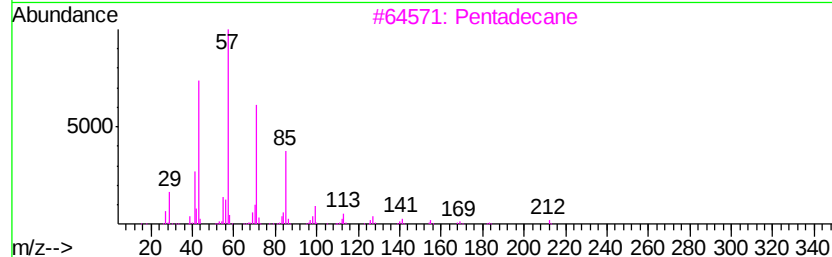
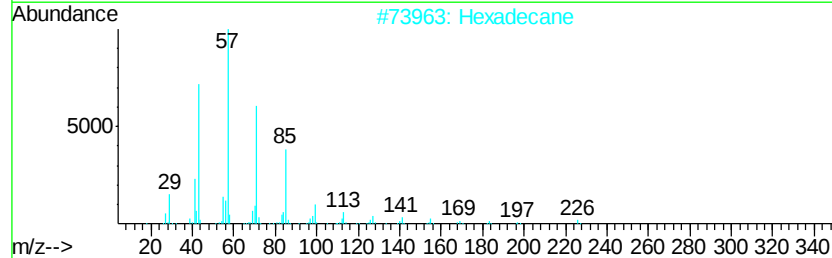
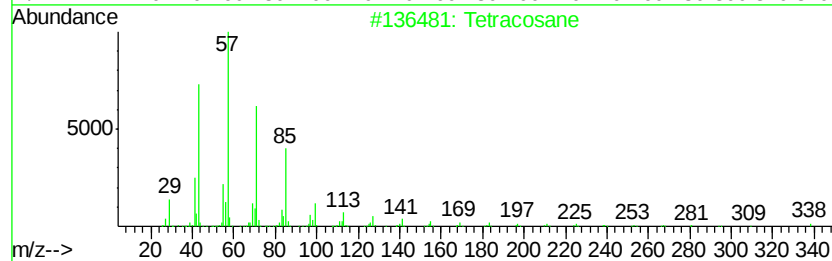
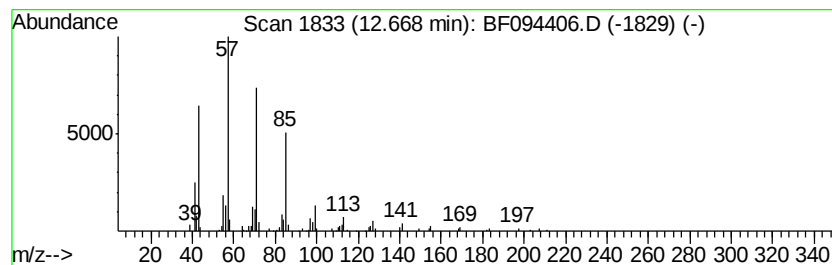
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tetracosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	3.13 ng	169356	Phenanthrene-d10	11.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	91
2		Hexadecane	226	C16H34	000544-76-3	91
3		Pentadecane	212	C15H32	000629-62-9	91
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
5		Octadecane	254	C18H38	000593-45-3	91



Data Path : Z:\HPCHEM1\BNA F\Data\BF041317\
Data File : BF094406.D
Acq On : 13 Apr 2017 22:29
Operator : SJ/MA
Sample : I2685-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

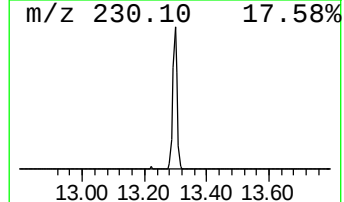
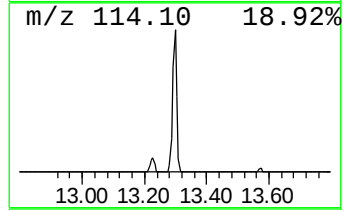
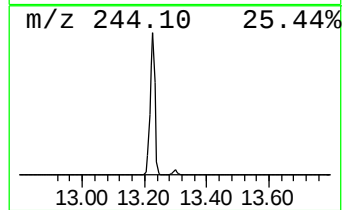
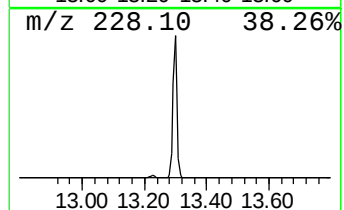
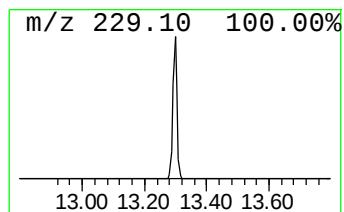
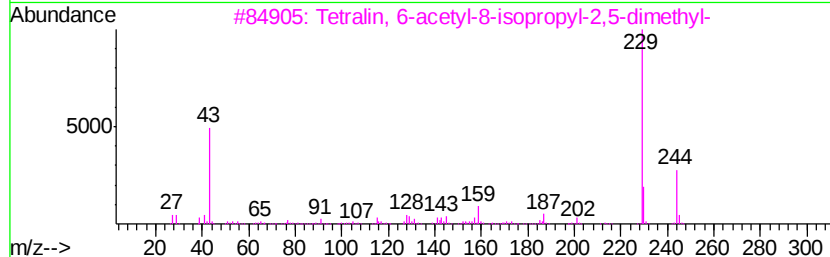
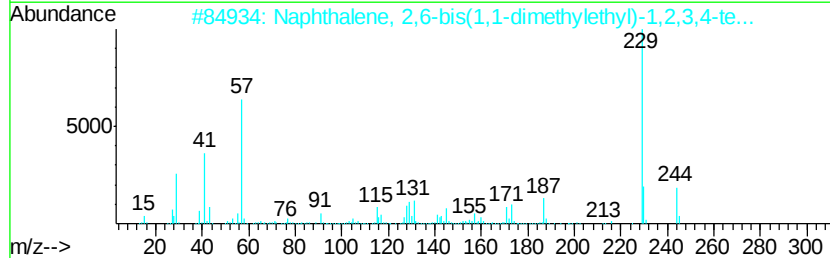
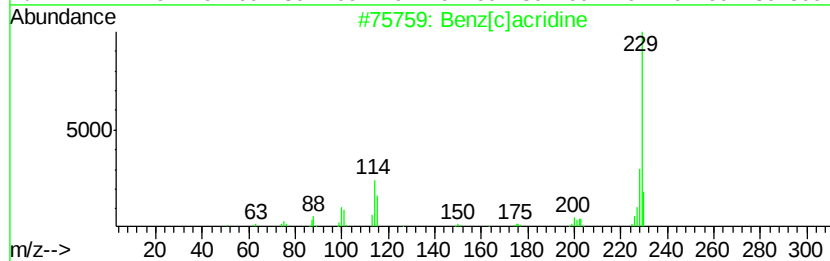
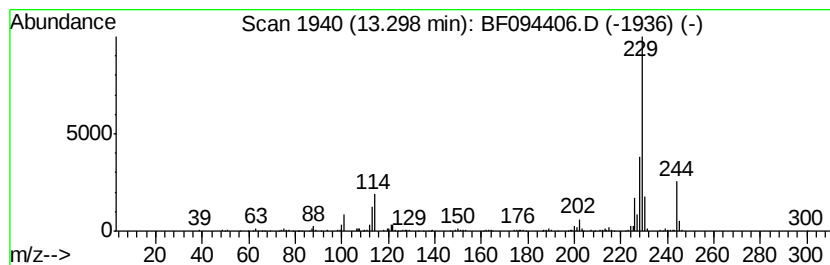
Instrument :
BNA_F
ClientSampleId :
WEST-ORANGE-TOPSOIL

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benz[c]acridine Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.30	8.31 ng	369082	Chrysene-d12	14.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[c]acridine	229	C17H11N	000225-51-4	53
2	Naphthalene, 2,6-bis(1,1-dimethyl-...	244	C18H28	042981-76-0	47
3	Tetralin, 6-acetyl-8-isopropyl-2...	244	C17H24O	1000155-43-5	47
4	3H-Pyrazole, 3,3-dimethyl-5-phen...	272	C19H16N2	140173-57-5	38
5	2-Propenoic acid, 2-cyano-3-[4-(...	244	C14H16N2O2	1000115-72-8	38



Data Path : Z:\HPCHEM1\BNA F\Data\BF041317\
Data File : BF094406.D
Acq On : 13 Apr 2017 22:29
Operator : SJ/MA
Sample : I2685-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WEST-ORANGE-TOPSOIL

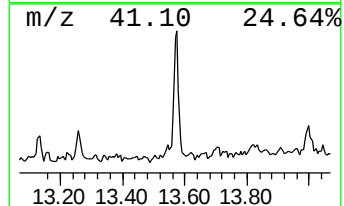
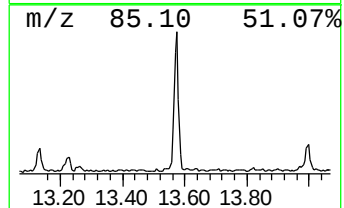
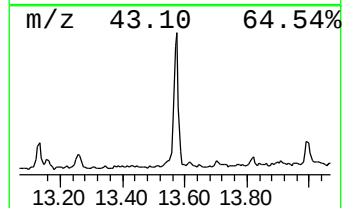
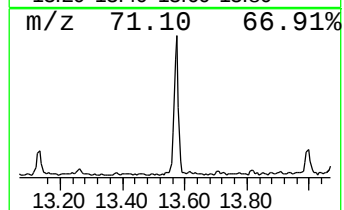
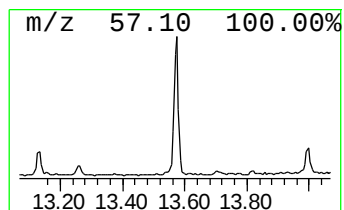
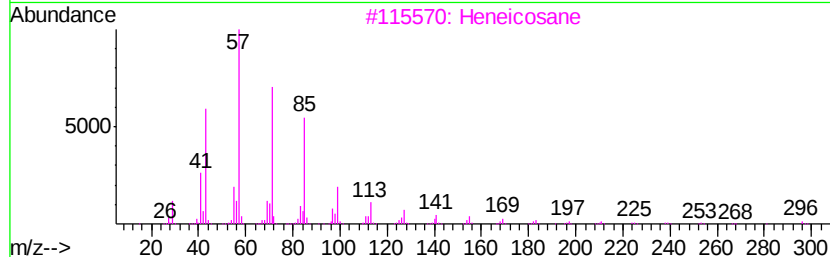
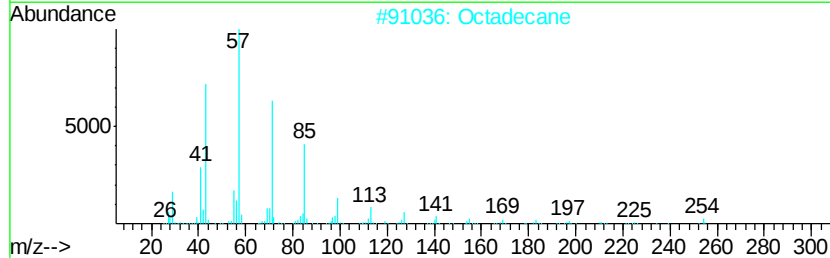
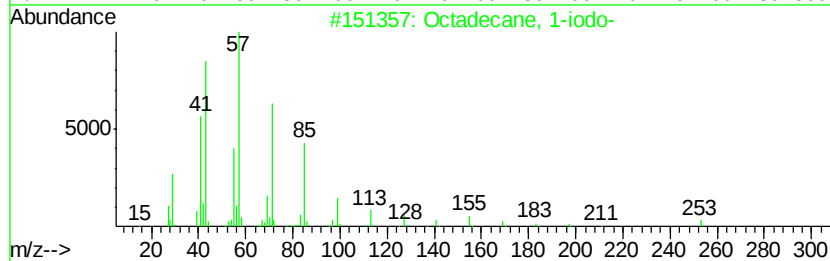
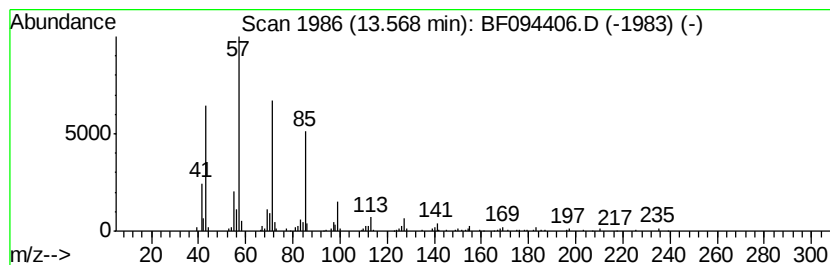
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecane, 1-iodo- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	6.44 ng	285865	Chrysene-d12	14.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	91
2		Octadecane	254	C18H38	000593-45-3	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		Hexadecane	226	C16H34	000544-76-3	90
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86



Data Path : Z:\HPCHEM1\BNA F\Data\BF041317\
Data File : BF094406.D
Acq On : 13 Apr 2017 22:29
Operator : SJ/MA
Sample : I2685-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WEST-ORANGE-TOPSOIL

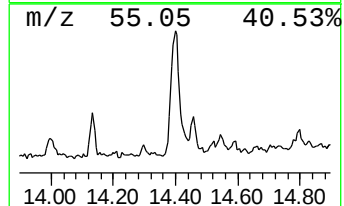
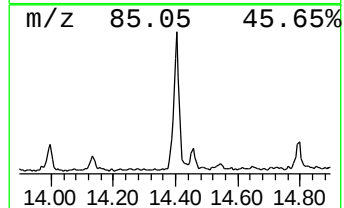
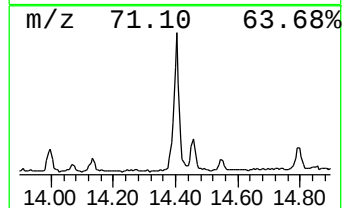
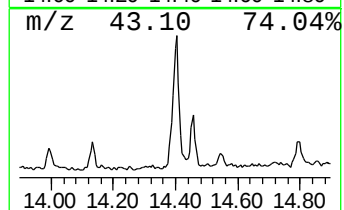
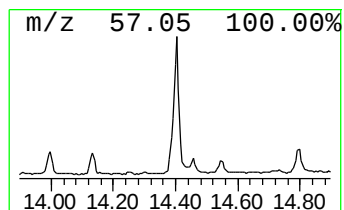
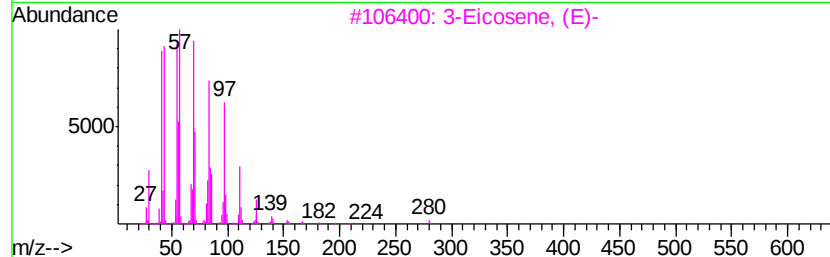
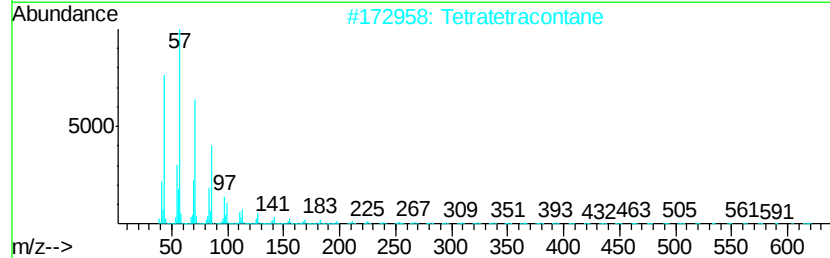
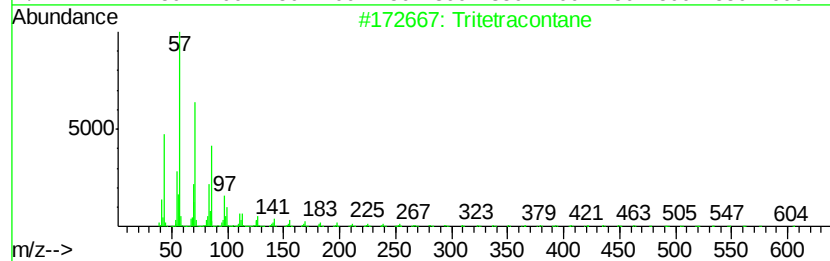
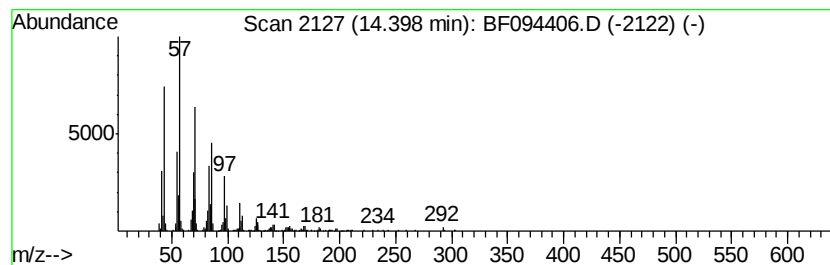
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tritetracontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	13.71 ng	608819	Chrysene-d12	14.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tritetracontane	605	C43H88	007098-21-7	91
2		Tetratetracontane	619	C44H90	007098-22-8	87
3		3-Eicosene, (E)-	280	C20H40	074685-33-9	86
4		1-Pentadecene	210	C15H30	013360-61-7	83
5		1-Octadecene	252	C18H36	000112-88-9	80



Data Path : Z:\HPCHEM1\BNA F\Data\BF041317\
Data File : BF094406.D
Acq On : 13 Apr 2017 22:29
Operator : SJ/MA
Sample : I2685-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

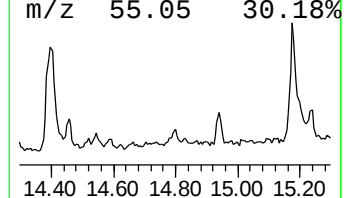
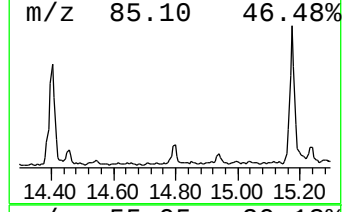
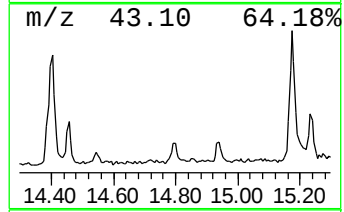
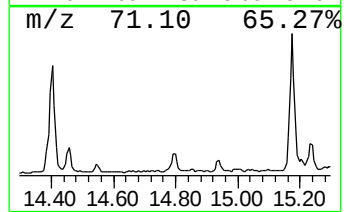
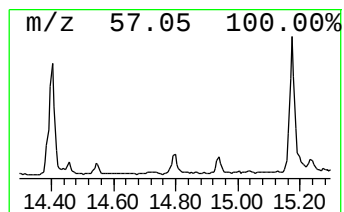
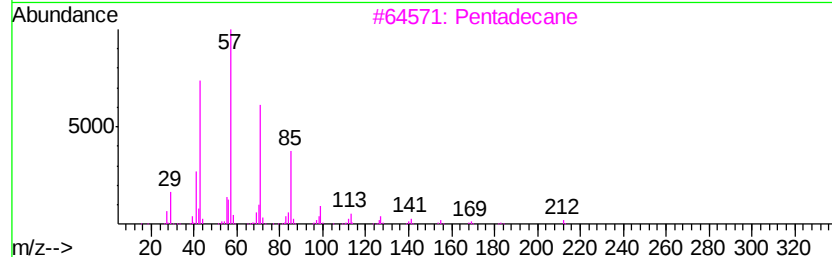
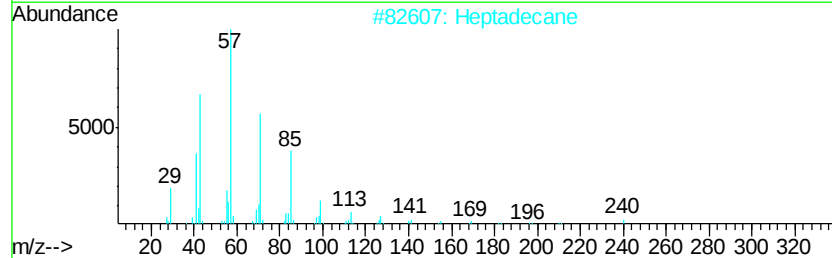
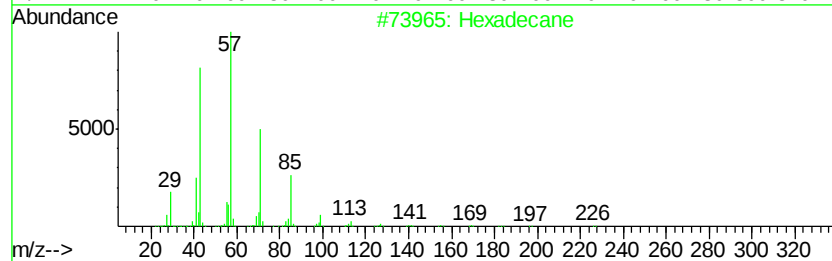
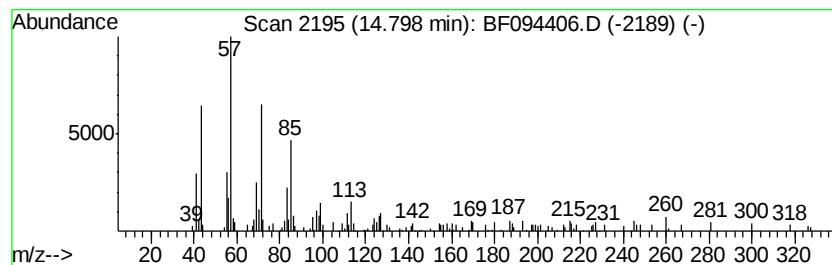
Instrument :
BNA_F
ClientSampleId :
WEST-ORANGE-TOPSOIL

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.80	3.11 ng	138188	Chrysene-d12		14.49
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	92
2	Heptadecane	240	C17H36	000629-78-7	64
3	Pentadecane	212	C15H32	000629-62-9	64
4	Tetradecane	198	C14H30	000629-59-4	64
5	Tetradecane, 2-methyl-	212	C15H32	001560-95-8	62



Data Path : Z:\HPCHEM1\BNA F\Data\BF041317\
Data File : BF094406.D
Acq On : 13 Apr 2017 22:29
Operator : SJ/MA
Sample : I2685-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

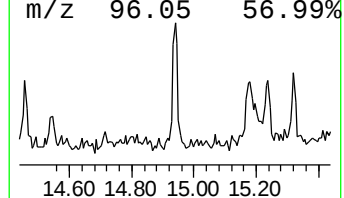
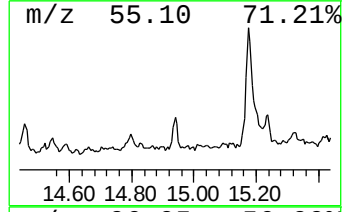
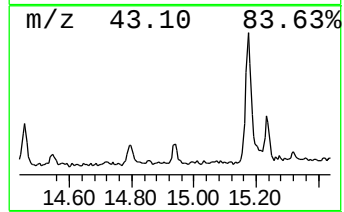
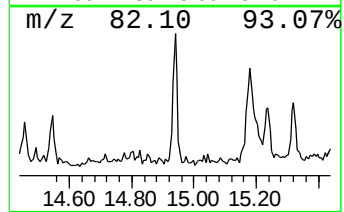
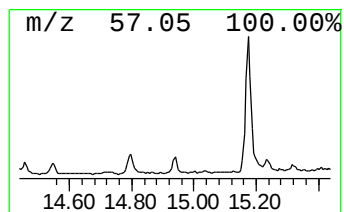
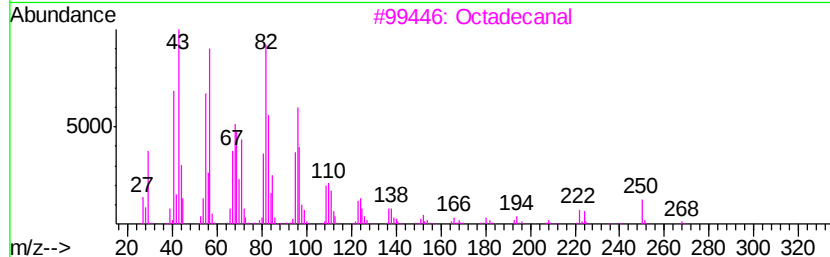
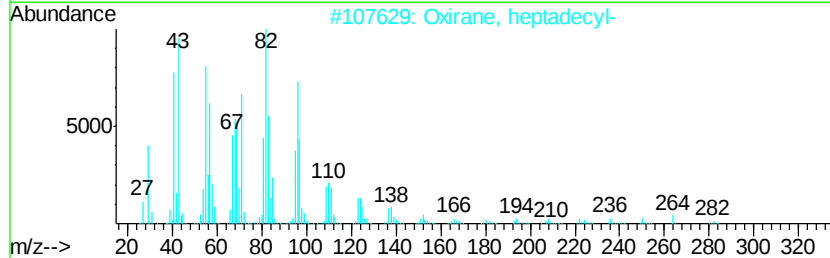
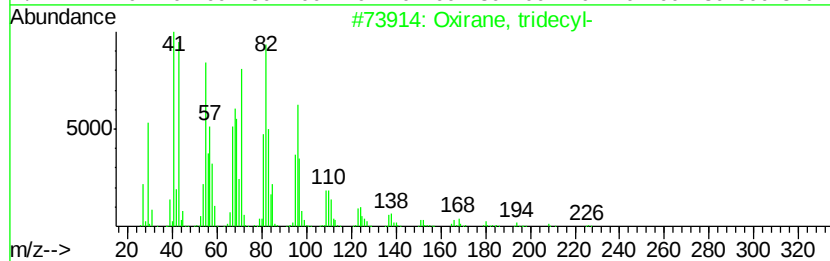
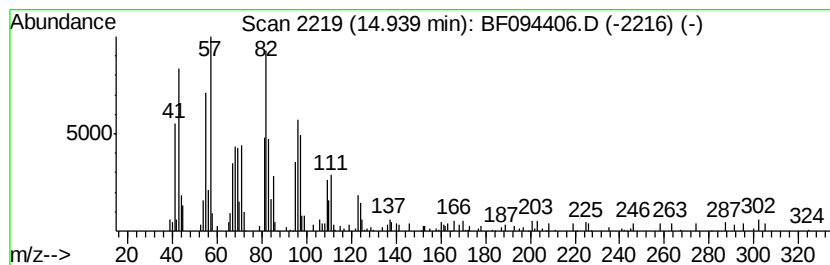
Instrument :
BNA_F
ClientSampleId :
WEST-ORANGE-TOPSOIL

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Oxirane, tridecyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.		
14.94	2.22 ng	98812	Chrysene-d12		14.49		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, tridecyl-	226	C15H30O	018633-25-5	89
2			Oxirane, heptadecyl-	282	C19H38O	067860-04-2	87
3			Octadecanal	268	C18H36O	000638-66-4	83
4			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	83
5			Tetradecanal	212	C14H28O	000124-25-4	83



Data Path : Z:\HPCHEM1\BNA F\Data\BF041317\
Data File : BF094406.D
Acq On : 13 Apr 2017 22:29
Operator : SJ/MA
Sample : I2685-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WEST-ORANGE-TOPSOIL

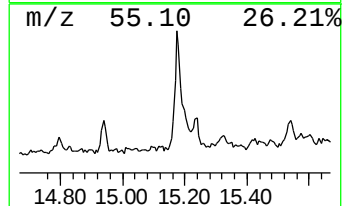
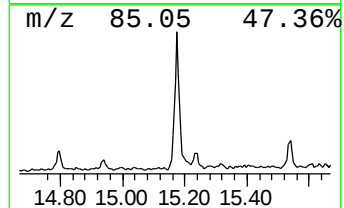
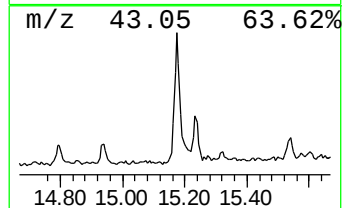
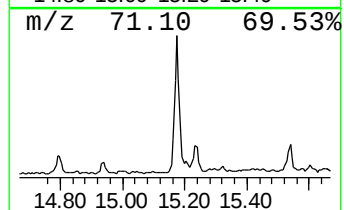
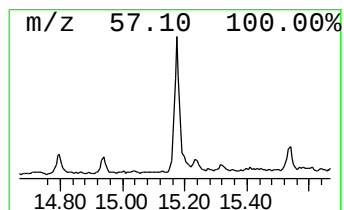
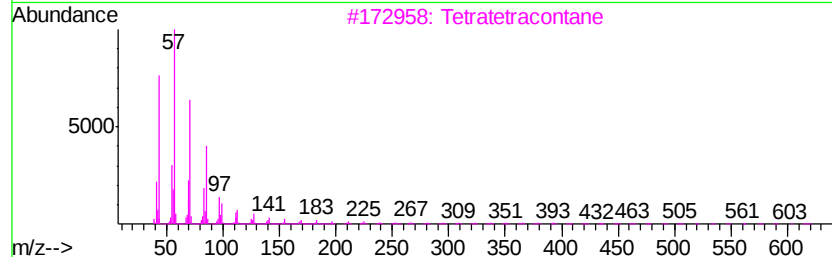
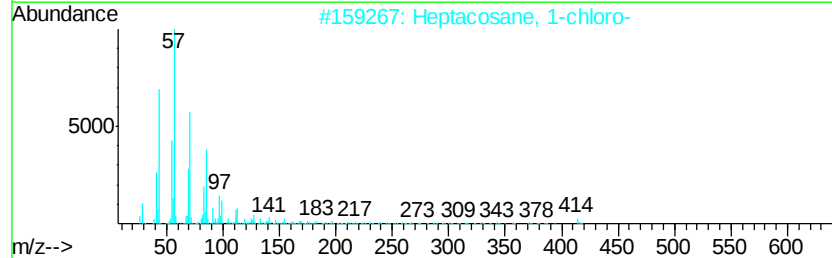
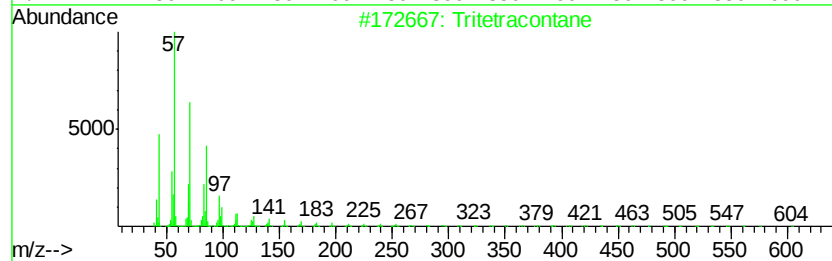
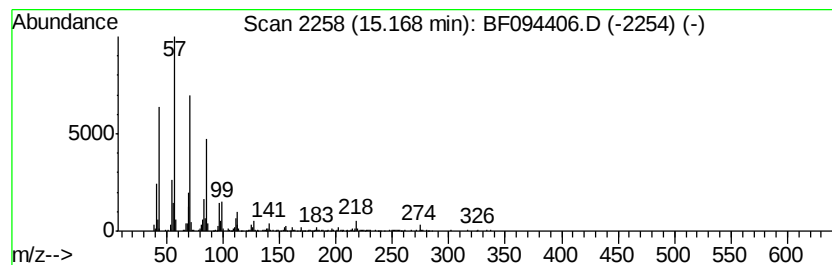
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tritetracontane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	14.57 ng	647369	Chrysene-d12	14.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tritetracontane	605	C43H88	007098-21-7	91
2		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	91
3		Tetratetracontane	619	C44H90	007098-22-8	90
4		Pentadecane	212	C15H32	000629-62-9	86
5		Eicosane	282	C20H42	000112-95-8	68



Data Path : Z:\HPCHEM1\BNA_F\Data\BF041317\
Data File : BF094406.D
Acq On : 13 Apr 2017 22:29
Operator : SJ/MA
Sample : I2685-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WEST-ORANGE-TOPSOIL

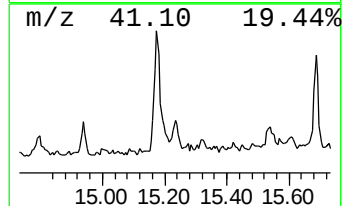
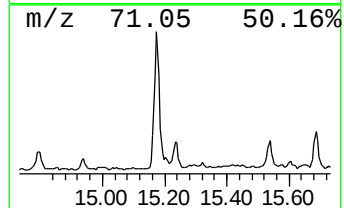
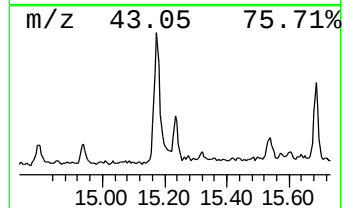
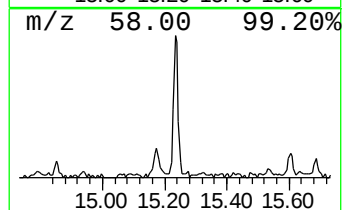
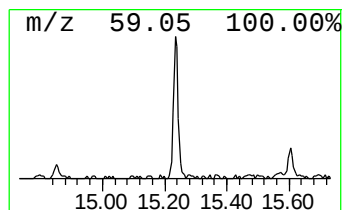
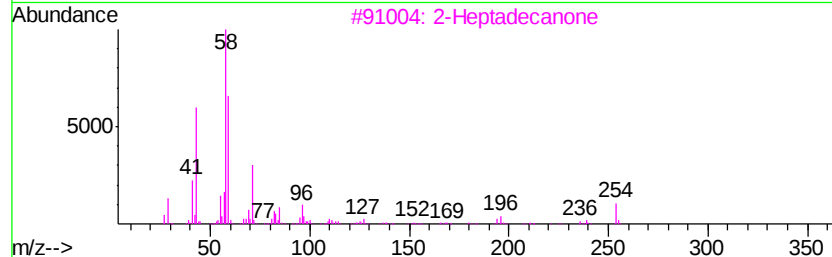
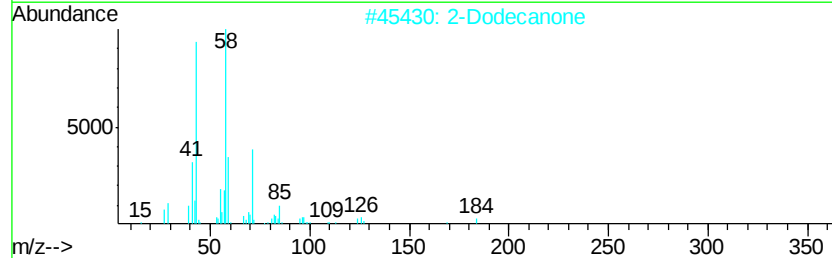
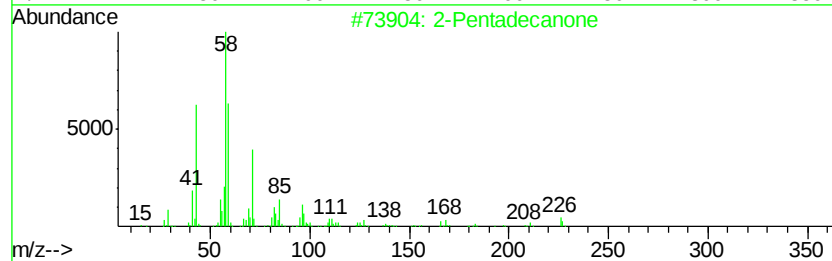
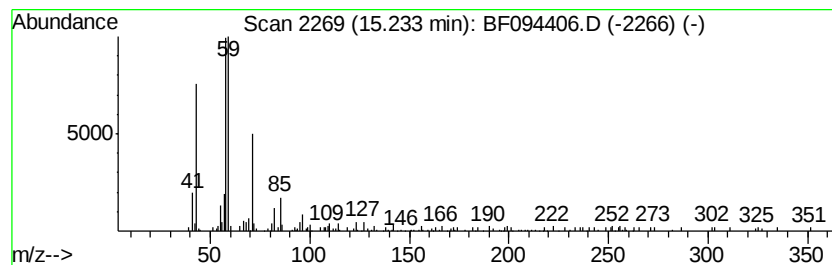
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 2-Pentadecanone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	3.27 ng	145190	Chrysene-d12	14.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentadecanone	226	C15H30O	002345-28-0	50
2		2-Dodecanone	184	C12H24O	006175-49-1	50
3		2-Heptadecanone	254	C17H34O	002922-51-2	50
4		2-Tridecanone	198	C13H26O	000593-08-8	50
5		2-Decanone	156	C10H20O	000693-54-9	47



Data Path : Z:\HPCHEM1\BNA F\Data\BF041317\
Data File : BF094406.D
Acq On : 13 Apr 2017 22:29
Operator : SJ/MA
Sample : I2685-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WEST-ORANGE-TOPSOIL

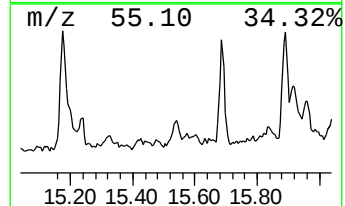
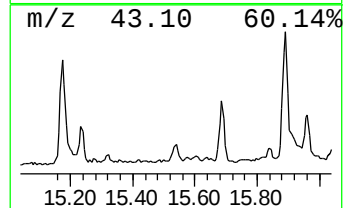
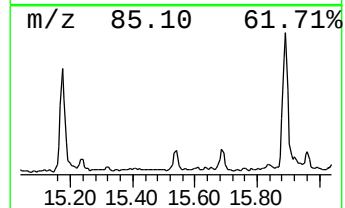
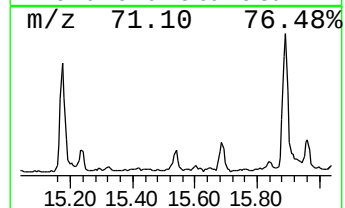
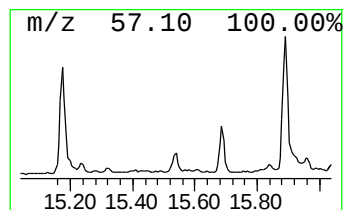
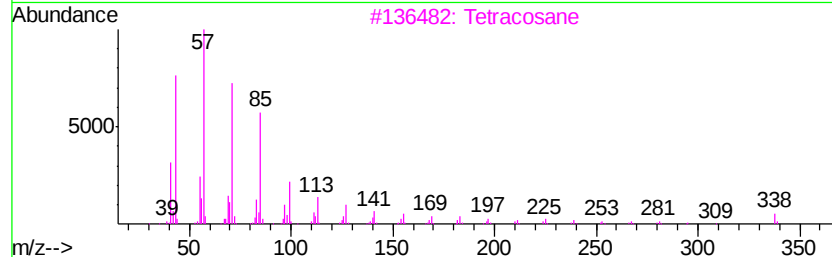
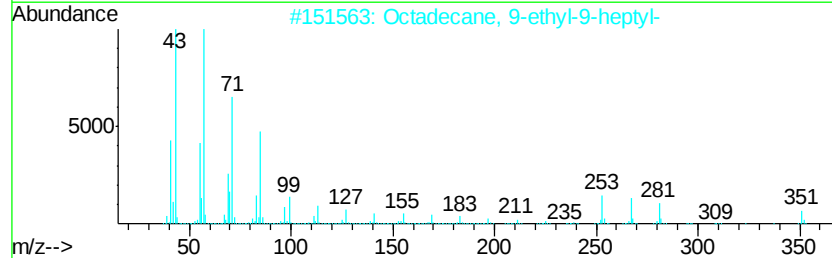
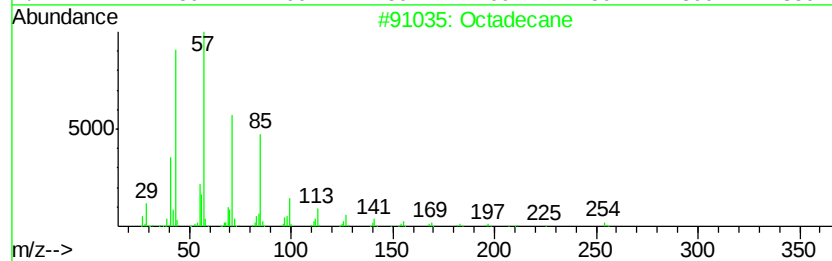
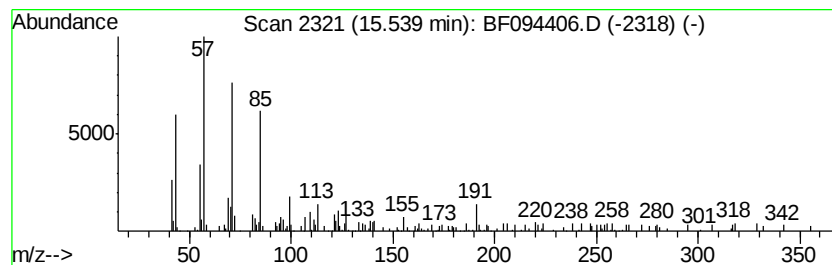
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	2.71 ng	101580	Perylene-d12	16.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	76
2		Octadecane, 9-ethyl-9-heptyl-	380	C27H56	055282-27-4	72
3		Tetracosane	338	C24H50	000646-31-1	64
4		Eicosane	282	C20H42	000112-95-8	64
5		Nonacosane	408	C29H60	000630-03-5	64



Data Path : Z:\HPCHEM1\BNA F\Data\BF041317\
Data File : BF094406.D
Acq On : 13 Apr 2017 22:29
Operator : SJ/MA
Sample : I2685-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

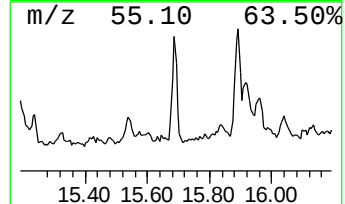
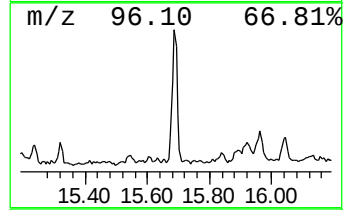
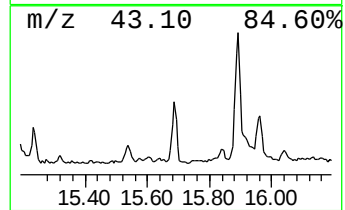
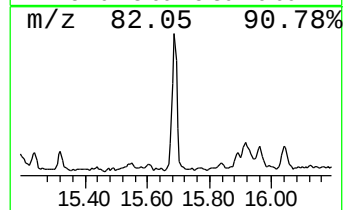
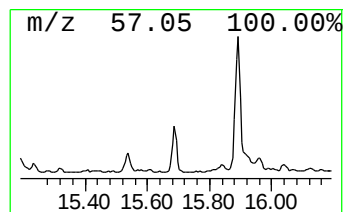
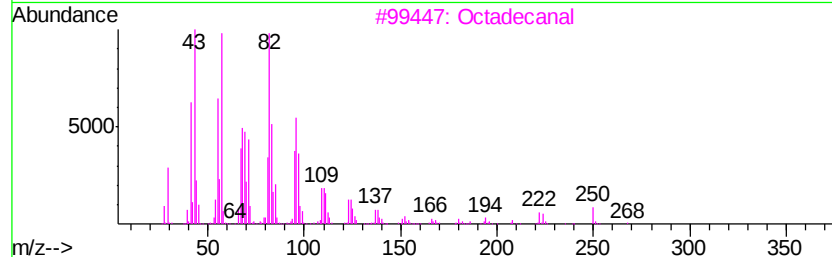
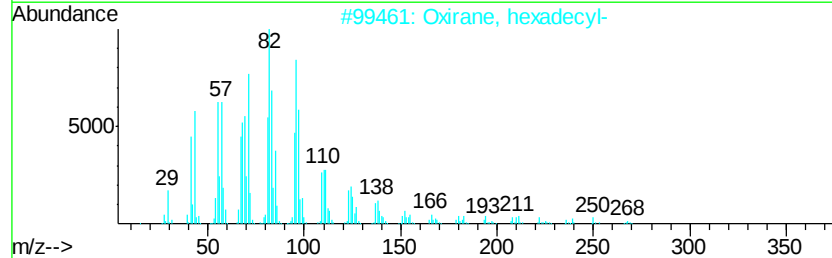
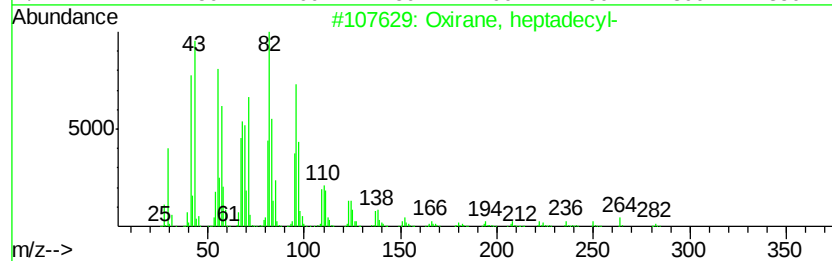
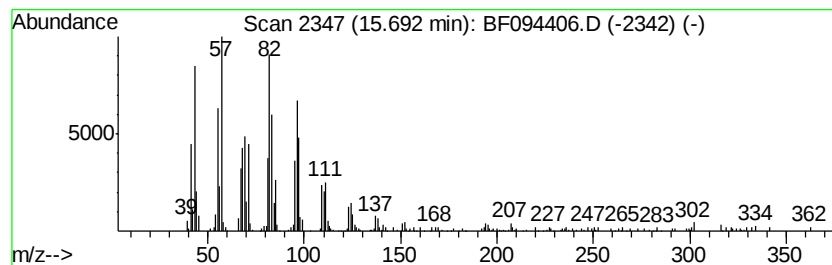
Instrument :
BNA_F
ClientSampleId :
WEST-ORANGE-TOPSOIL

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Oxirane, heptadecyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.69	9.60 ng	360382	Perylene-d12	16.12	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	96
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
3	Octadecanal	268	C18H36O	000638-66-4	91
4	12-Octadecenal	266	C18H34O	056554-91-7	90
5	1,19-Eicosadiene	278	C20H38	014811-95-1	81



Data Path : Z:\HPCHEM1\BNA_F\Data\BF041317\
Data File : BF094406.D
Acq On : 13 Apr 2017 22:29
Operator : SJ/MA
Sample : I2685-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WEST-ORANGE-TOPSOIL

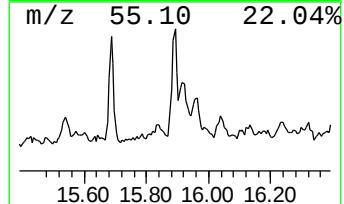
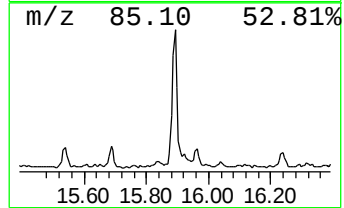
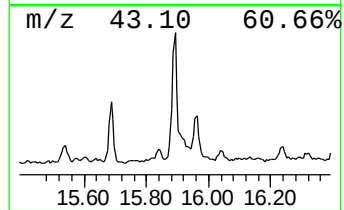
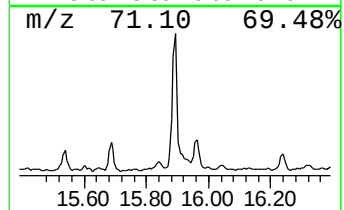
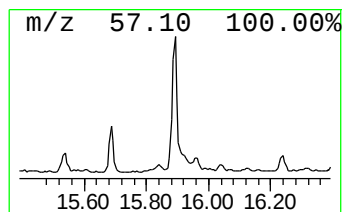
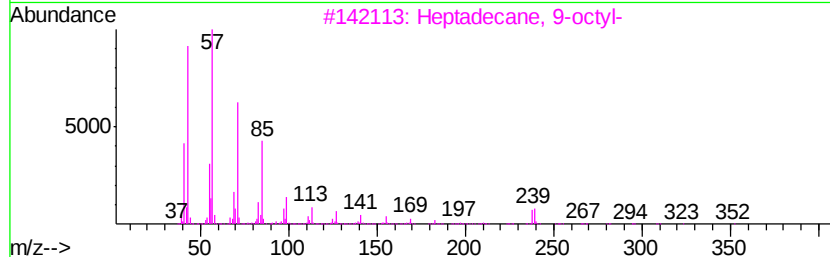
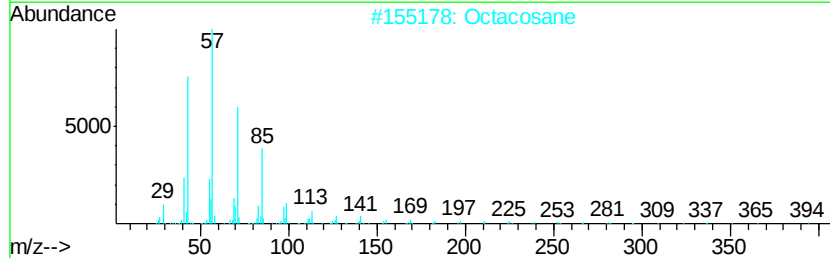
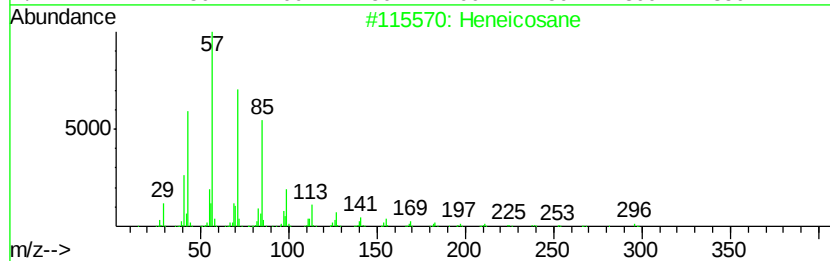
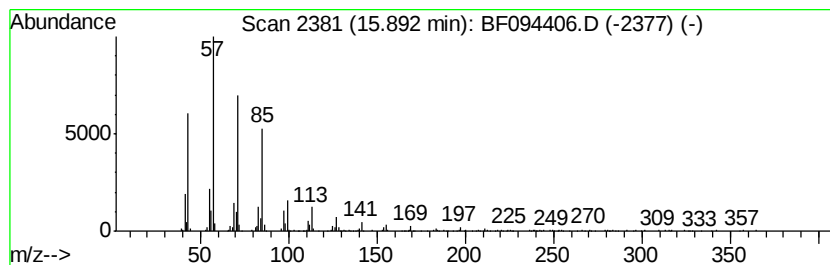
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	14.87 ng	558276	Perylene-d12	16.12

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		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5		Eicosane	282	C20H42	000112-95-8	91



Data Path : Z:\HPCHEM1\BNA F\Data\BF041317\
Data File : BF094406.D
Acq On : 13 Apr 2017 22:29
Operator : SJ/MA
Sample : I2685-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

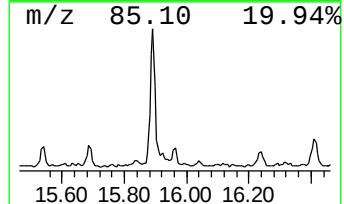
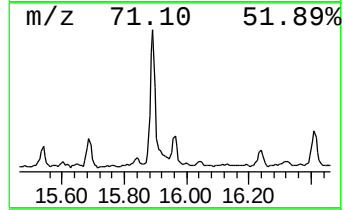
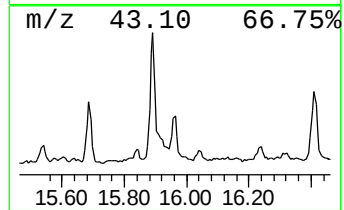
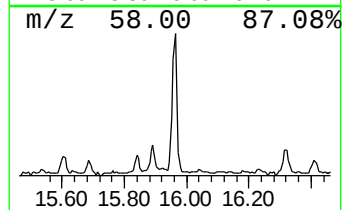
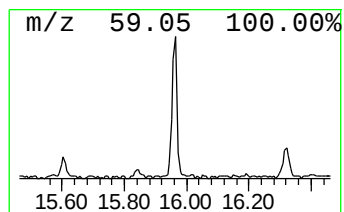
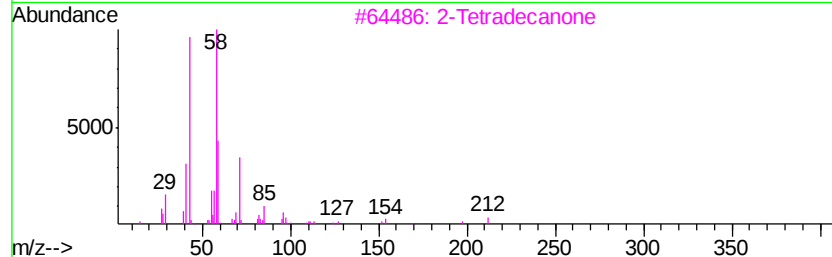
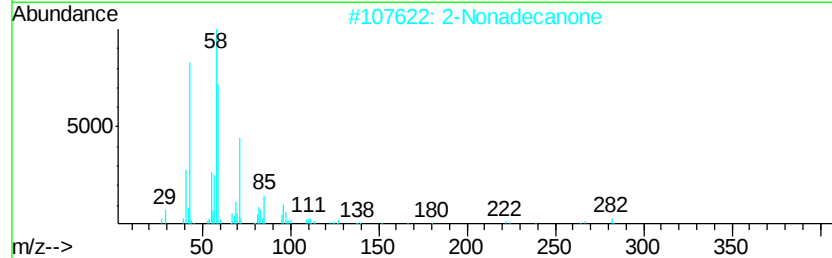
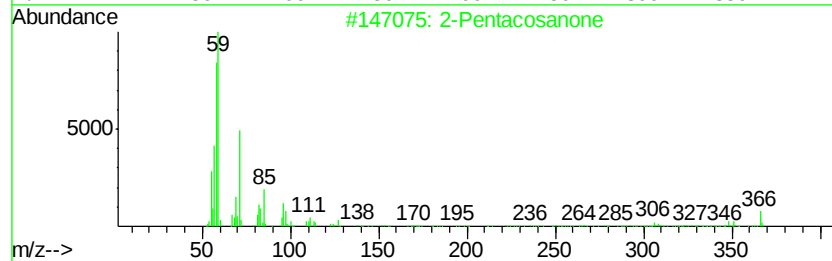
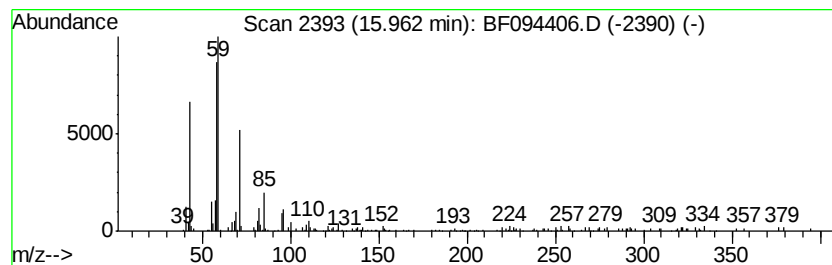
Instrument :
BNA_F
ClientSampleId :
WEST-ORANGE-TOPSOIL

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 2-Pentacosanone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.96	4.29 ng	161187	Perylene-d12		16.12
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentacosanone	366	C25H50O	075207-54-4	64
2	2-Nonadecanone	282	C19H38O	000629-66-3	59
3	2-Tetradecanone	212	C14H28O	002345-27-9	59
4	2-Heptadecanone	254	C17H34O	002922-51-2	45
5	Oxirane, tetramethyl-	100	C6H12O	005076-20-0	35



Data Path : Z:\HPCHEM1\BNA F\Data\BF041317\
Data File : BF094406.D
Acq On : 13 Apr 2017 22:29
Operator : SJ/MA
Sample : I2685-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WEST-ORANGE-TOPSOIL

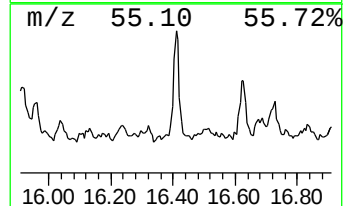
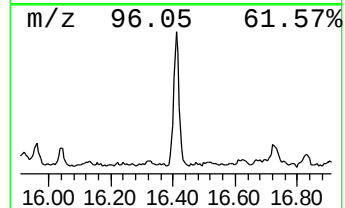
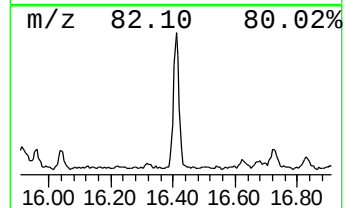
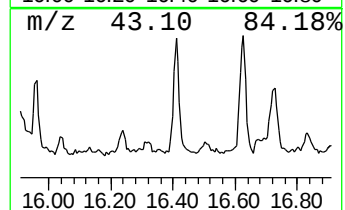
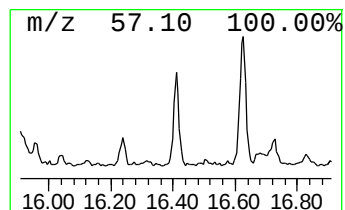
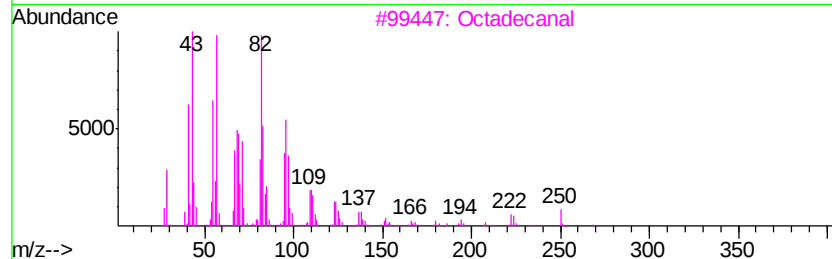
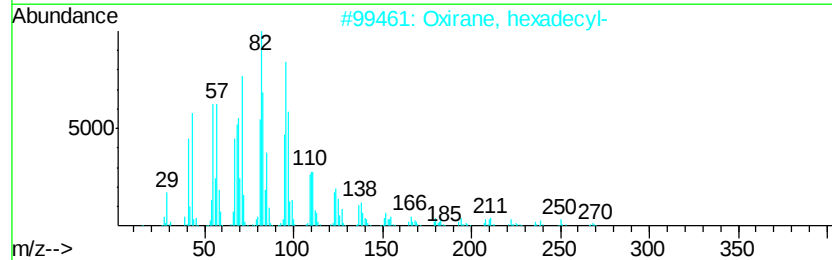
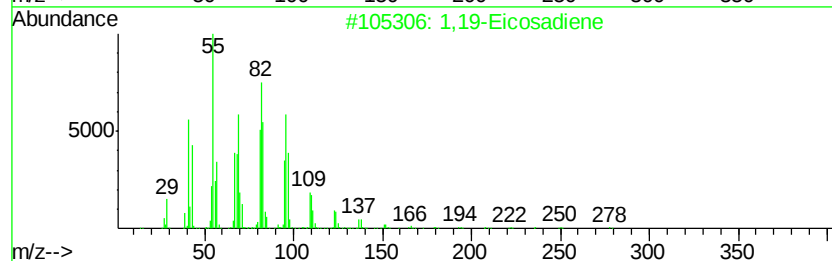
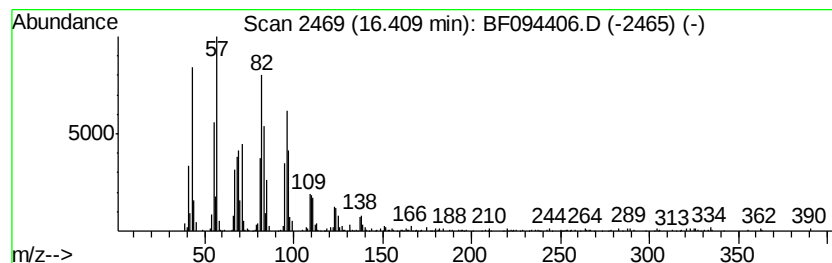
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1,19-Eicosadiene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	13.44 ng	504291	Perylene-d12	16.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,19-Eicosadiene	278	C20H38	014811-95-1	94
2		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
3		Octadecanal	268	C18H36O	000638-66-4	91
4		Tetracosanal	352	C24H48O	057866-08-7	91
5		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91



Data Path : Z:\HPCHEM1\BNA F\Data\BF041317\
Data File : BF094406.D
Acq On : 13 Apr 2017 22:29
Operator : SJ/MA
Sample : I2685-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WEST-ORANGE-TOPSOIL

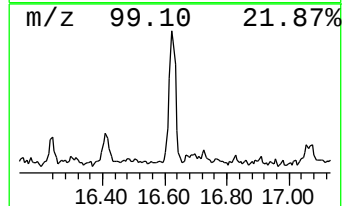
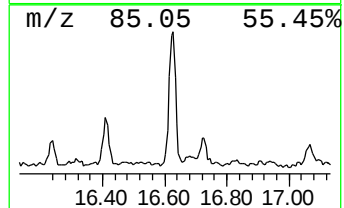
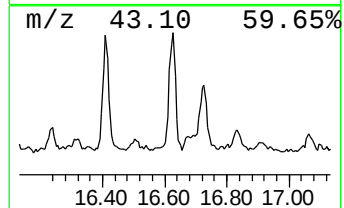
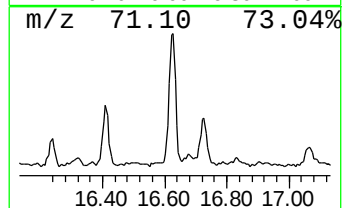
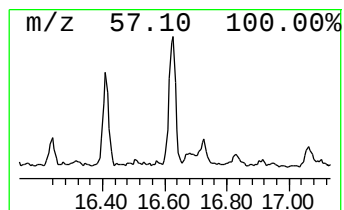
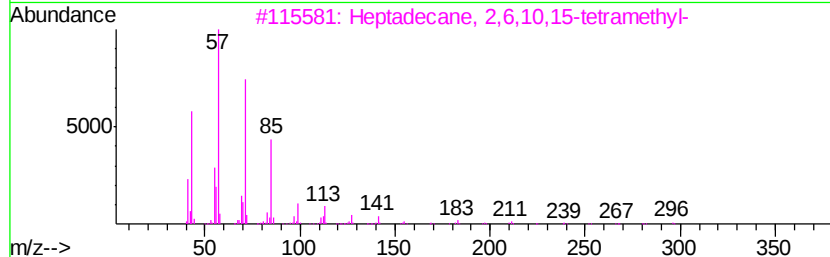
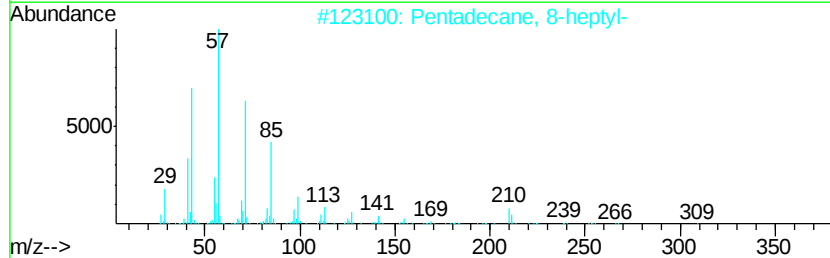
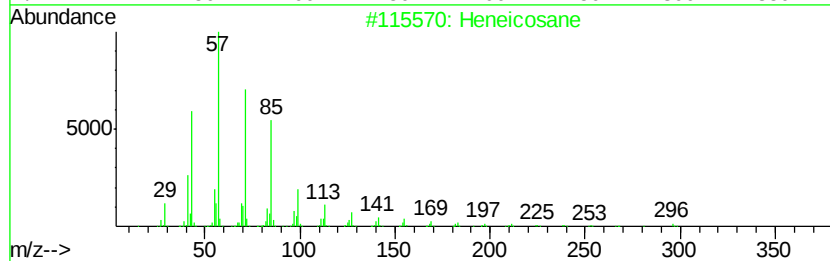
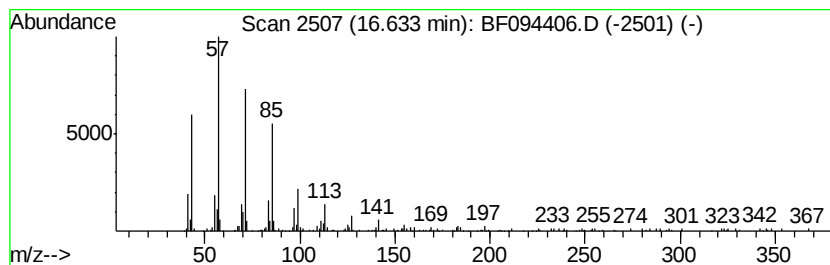
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	10.30 ng	386637	Perylene-d12	16.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
4		Hexadecane, 5-butyl-	282	C20H42	006912-07-8	87
5		Octadecane	254	C18H38	000593-45-3	87



Data Path : Z:\HPCHEM1\BNA F\Data\BF041317\
Data File : BF094406.D
Acq On : 13 Apr 2017 22:29
Operator : SJ/MA
Sample : I2685-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WEST-ORANGE-TOPSOIL

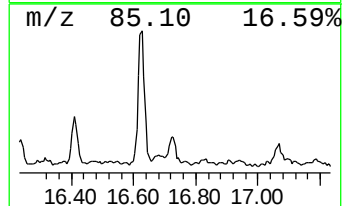
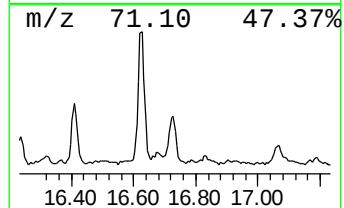
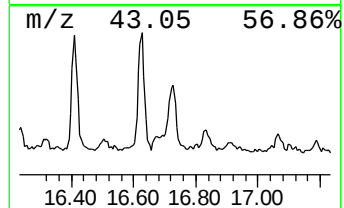
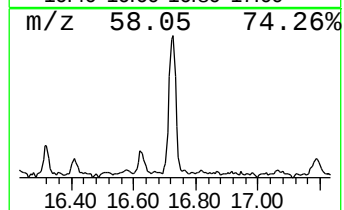
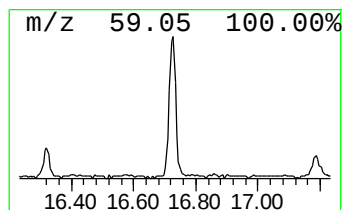
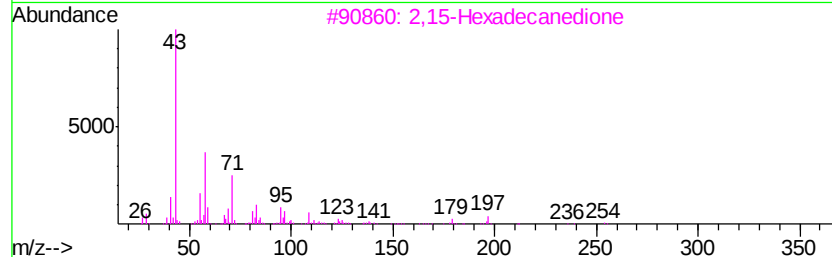
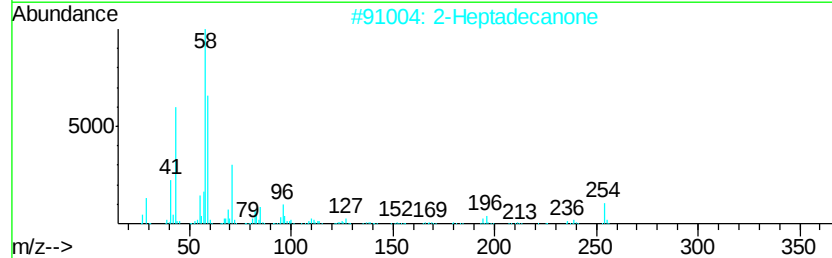
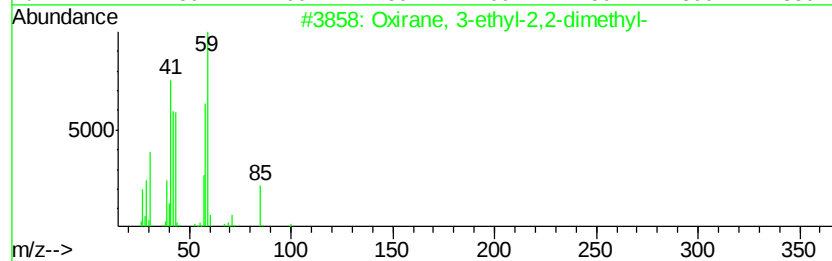
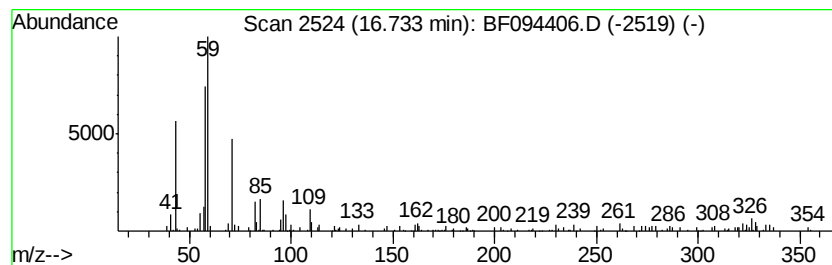
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Oxirane, 3-ethyl-2,2-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	5.40 ng	202847	Perylene-d12	16.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, 3-ethyl-2,2-dimethyl-	100	C6H12O	001192-22-9	50
2		2-Heptadecanone	254	C17H34O	002922-51-2	47
3		2,15-Hexadecanedione	254	C16H30O2	018650-13-0	43
4		2-Tridecanone	198	C13H26O	000593-08-8	43
5		Octanal, 7-hydroxy-3,7-dimethyl-	172	C10H20O2	000107-75-5	40



Data Path : Z:\HPCHEM1\BNA F\Data\BF041317\
Data File : BF094406.D
Acq On : 13 Apr 2017 22:29
Operator : SJ/MA
Sample : I2685-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WEST-ORANGE-TOPSOIL

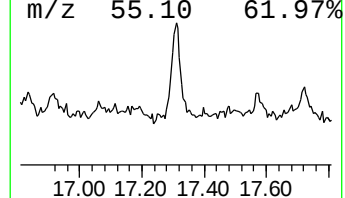
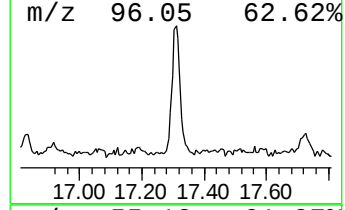
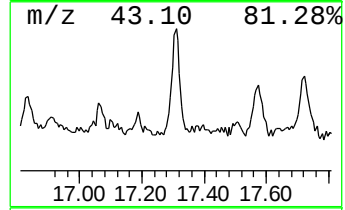
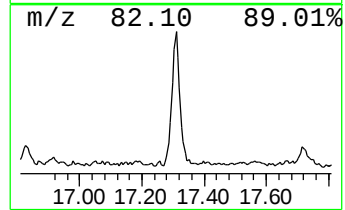
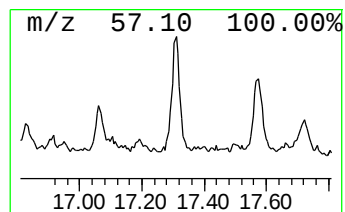
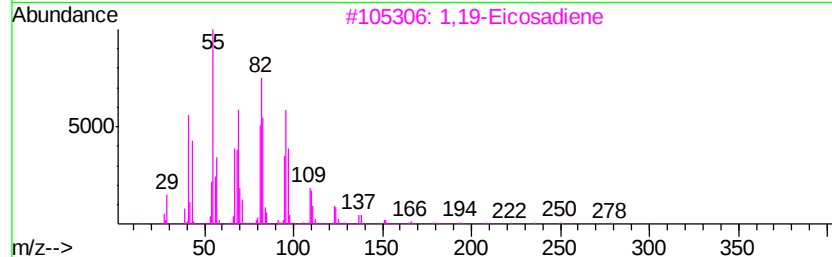
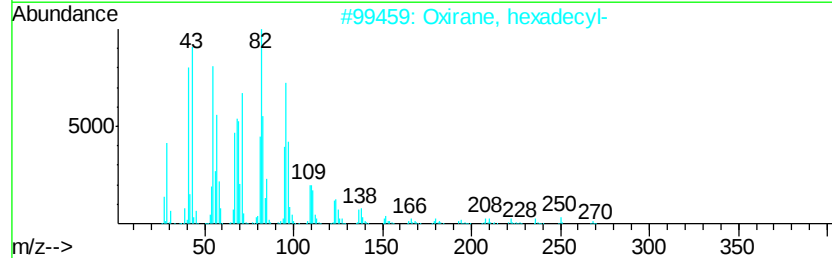
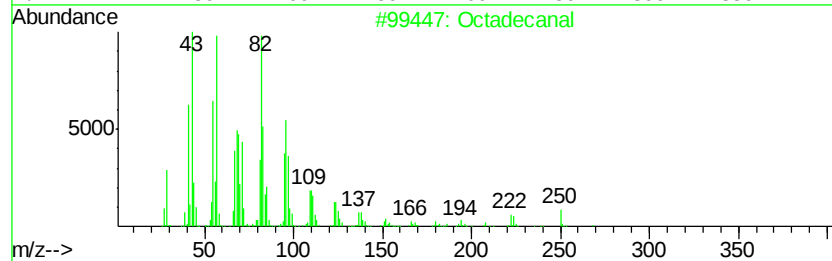
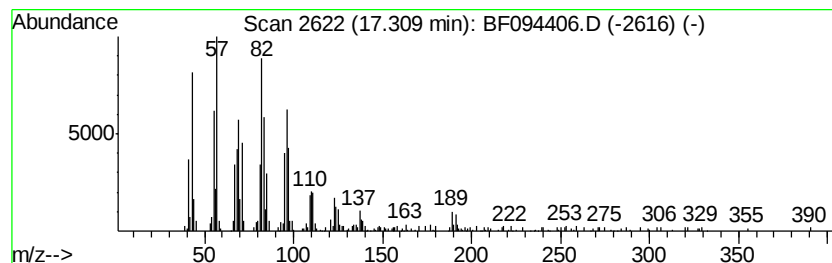
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octadecanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.31	12.53 ng	470475	Perylene-d12	16.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanal	268	C18H36O	000638-66-4	95
2			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	93
3			1,19-Eicosadiene	278	C20H38	014811-95-1	90
4			Z-2-Octadecen-1-ol	268	C18H36O	1000131-11-0	89
5			Oxirane, heptadecyl-	282	C19H38O	067860-04-2	87



Data Path : Z:\HPCHEM1\BNA_F\Data\BF041317\
 Data File : BF094406.D
 Acq On : 13 Apr 2017 22:29
 Operator : SJ/MA
 Sample : I2685-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WEST-ORANGE-TOPSOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.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...	3.93	13.6	ng	642264	1	5.79	948129	20.0
unknown5.55	5.55	81.0	ng	3837860	1	5.79	948129	20.0
Tetradecane	10.60	3.0	ng	162478	4	11.24	1083150	20.0
Tetracosane	12.67	3.1	ng	169356	4	11.24	1083150	20.0
Benz[c]acridine	13.30	8.3	ng	369082	5	14.49	888437	20.0
Octadecane, 1-iodo-	13.57	6.4	ng	285865	5	14.49	888437	20.0
Tritetracontane	14.40	13.7	ng	608819	5	14.49	888437	20.0
Hexadecane	14.80	3.1	ng	138188	5	14.49	888437	20.0
Oxirane, tridecyl-	14.94	2.2	ng	98812	5	14.49	888437	20.0
Tritetracontane	15.17	14.6	ng	647369	5	14.49	888437	20.0
2-Pentadecanone	15.23	3.3	ng	145190	5	14.49	888437	20.0
Octadecane	15.54	2.7	ng	101580	6	16.12	750687	20.0
Oxirane, heptadecyl-	15.69	9.6	ng	360382	6	16.12	750687	20.0
Heneicosane	15.89	14.9	ng	558276	6	16.12	750687	20.0
2-Pentacosanone	15.96	4.3	ng	161187	6	16.12	750687	20.0
1,19-Eicosadiene	16.41	13.4	ng	504291	6	16.12	750687	20.0
Heneicosane	16.63	10.3	ng	386637	6	16.12	750687	20.0
Oxirane, 3-ethyl-...	16.73	5.4	ng	202847	6	16.12	750687	20.0
Octadecanal	17.31	12.5	ng	470475	6	16.12	750687	20.0