

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072717\
 Data File : BF097138.D
 Acq On : 27 Jul 2017 22:33
 Operator : SJ/JU
 Sample : I4424-07 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-072417-C

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-BF072517.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	4.616	461	464	477	rBV	138848	188707	4.28%	0.812%
2	5.081	540	543	557	rBV	1139460	1207868	27.43%	5.195%
3	6.145	720	724	737	rBV	1250797	1281270	29.09%	5.510%
4	6.257	739	743	750	rVB	1516479	1293714	29.38%	5.564%
5	6.487	778	782	793	rBV	698266	623859	14.17%	2.683%
6	6.640	804	808	819	rBV	1126279	983448	22.33%	4.229%
7	7.051	874	878	892	rBV	886524	793357	18.01%	3.412%
8	7.769	996	1000	1003	rBV	1017468	816496	18.54%	3.511%
9	8.845	1179	1183	1186	rBV	1447347	1198249	27.21%	5.153%
10	9.245	1245	1251	1258	rVB	179625	141281	3.21%	0.608%
11	9.516	1292	1297	1303	rBV	820512	797371	18.11%	3.429%
12	10.298	1426	1430	1436	rBV	677233	602681	13.69%	2.592%
13	10.439	1450	1454	1461	rVB	57325	78438	1.78%	0.337%
14	10.986	1543	1547	1551	rBV	724984	622217	14.13%	2.676%
15	11.410	1615	1619	1622	rVB	1348510	1155205	26.23%	4.968%
16	11.545	1639	1642	1649	rBV	119208	132625	3.01%	0.570%
17	11.716	1668	1671	1678	rVB2	35321	48482	1.10%	0.209%
18	12.092	1729	1735	1737	rBV	3696831	4403901	100.00%	18.939%
19	12.116	1737	1739	1745	rVV	3176067	2786678	63.28%	11.984%
20	12.198	1749	1753	1756	rVB	747918	648714	14.73%	2.790%
21	12.410	1786	1789	1797	rVB4	29690	52297	1.19%	0.225%
22	12.569	1809	1816	1820	rBV	904997	820351	18.63%	3.528%
23	12.774	1844	1851	1852	rBV5	47668	80354	1.82%	0.346%
24	12.833	1856	1861	1869	rVB5	64894	129933	2.95%	0.559%
25	12.916	1873	1875	1878	rBV	78637	60456	1.37%	0.260%
26	13.169	1915	1918	1923	rVB2	48563	49771	1.13%	0.214%
27	13.333	1943	1946	1951	rVB5	47715	59922	1.36%	0.258%
28	13.480	1968	1971	1979	rVB3	72874	117701	2.67%	0.506%
29	13.580	1985	1988	1990	rBV	76772	69276	1.57%	0.298%
30	13.610	1990	1993	2001	rVB	685479	628860	14.28%	2.704%
31	14.110	2076	2078	2087	rBV	57653	71937	1.63%	0.309%
32	14.404	2125	2128	2131	rBV2	58625	60938	1.38%	0.262%
33	14.445	2133	2135	2138	rBV3	51519	51374	1.17%	0.221%
34	14.692	2174	2177	2179	rBV	82504	74540	1.69%	0.321%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072717\
Data File : BF097138.D
Acq On : 27 Jul 2017 22:33
Operator : SJ/JU
Sample : I4424-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-06-072417-C

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-BF072517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.851	2198	2204	2207	rBV7	48492	109421	2.48%	0.471%
36	14.957	2218	2222	2227	rBV	500911	644977	14.65%	2.774%
37	15.010	2228	2231	2235	rVB	81368	112027	2.54%	0.482%
38	15.368	2288	2292	2295	rBV	84695	124670	2.83%	0.536%
39	15.780	2358	2362	2366	rVB	50035	79417	1.80%	0.342%
40	18.645	2845	2849	2851	rBV5	30745	49761	1.13%	0.214%

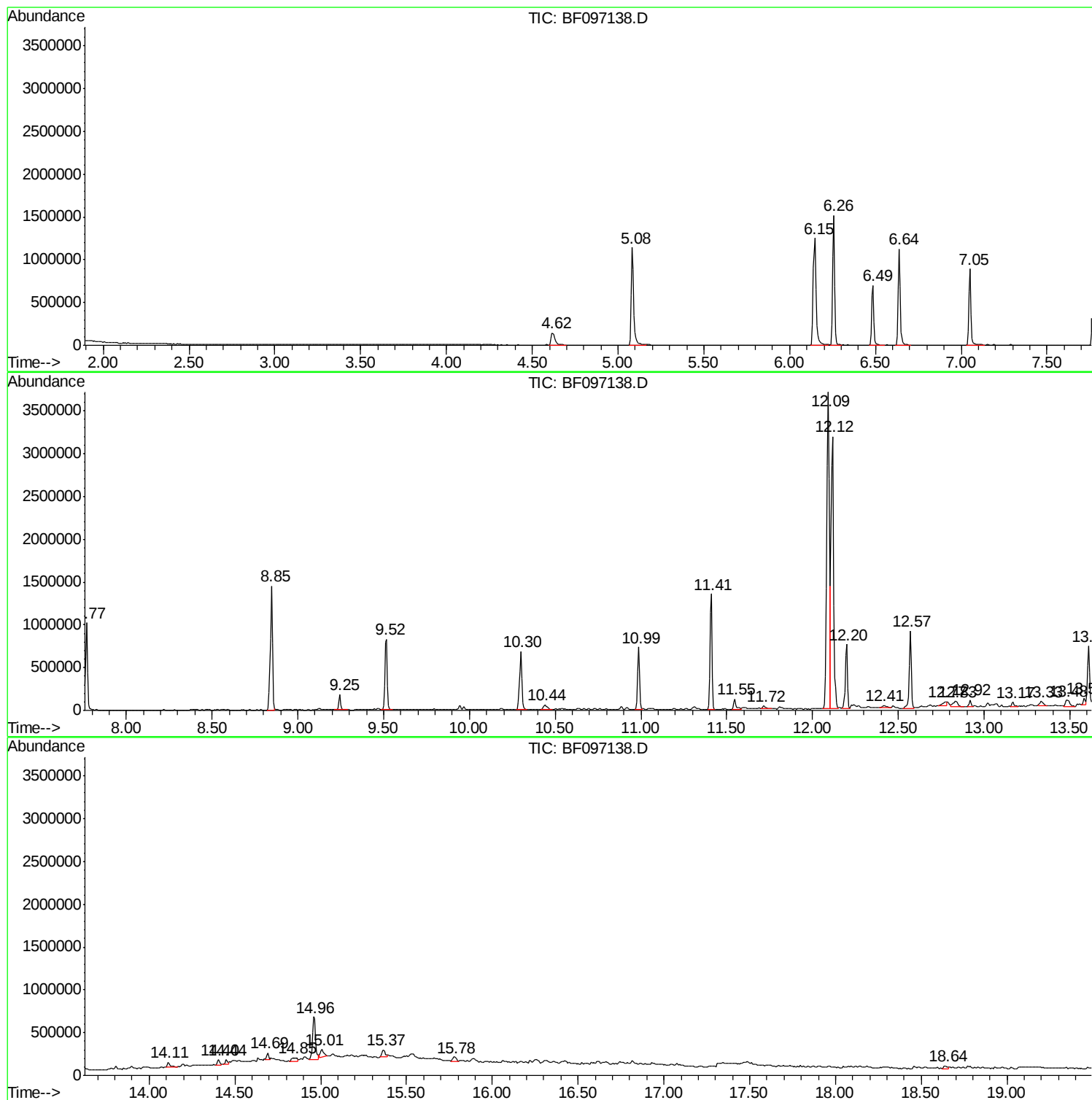
Sum of corrected areas: 23252544

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
Data File : BF097138.D
Acq On : 27 Jul 2017 22:33
Operator : SJ/JU
Sample : I4424-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-06-072417-C

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.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\BF072717\
Data File : BF097138.D
Acq On : 27 Jul 2017 22:33
Operator : SJ/JU
Sample : I4424-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
AU-06-072417-C

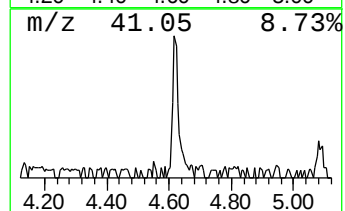
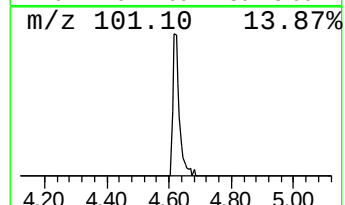
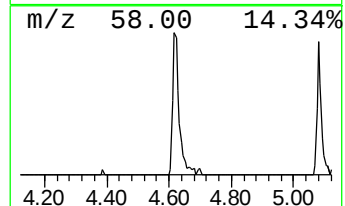
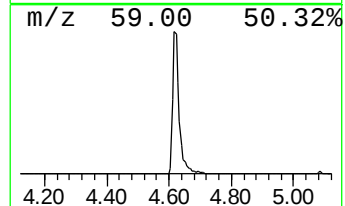
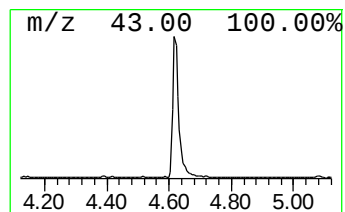
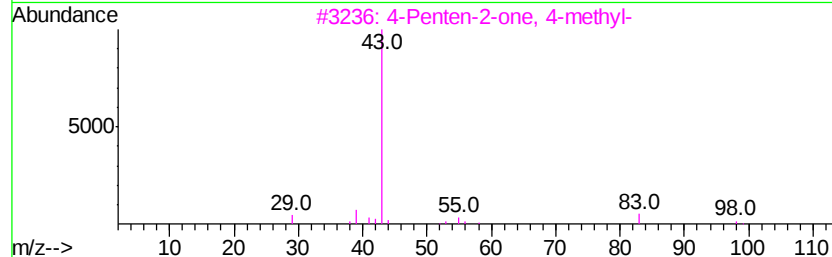
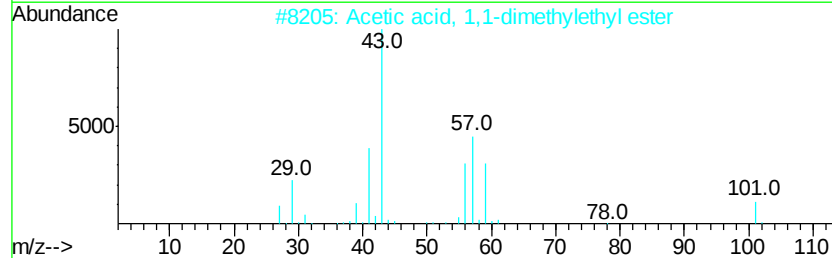
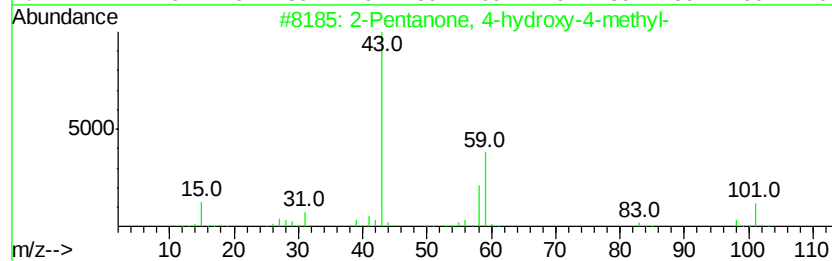
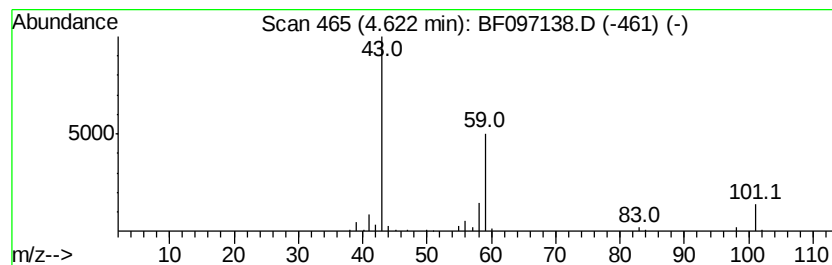
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.62	6.05 ng	188707	1,4-Dichlorobenzene-d4	6.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50	
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28	
3	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9	
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9	
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	7	



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
Data File : BF097138.D
Acq On : 27 Jul 2017 22:33
Operator : SJ/JU
Sample : I4424-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-06-072417-C

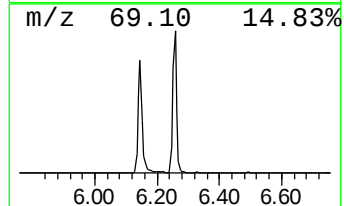
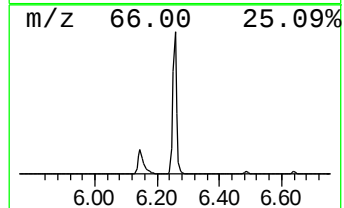
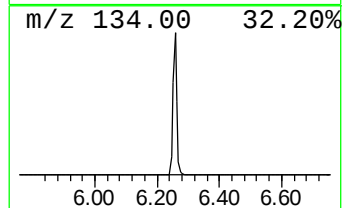
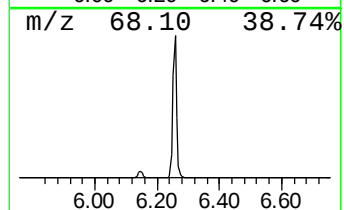
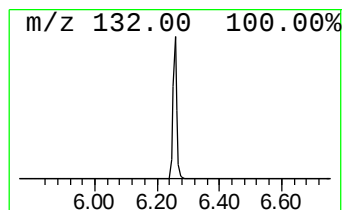
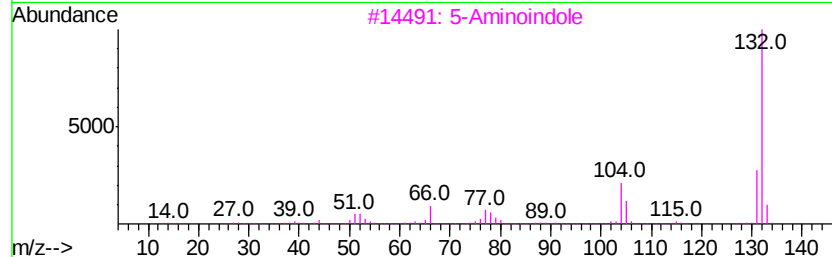
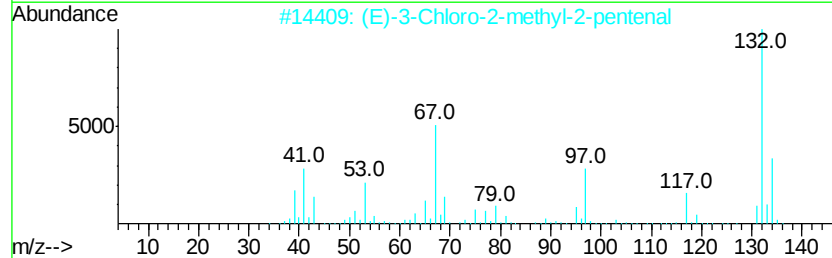
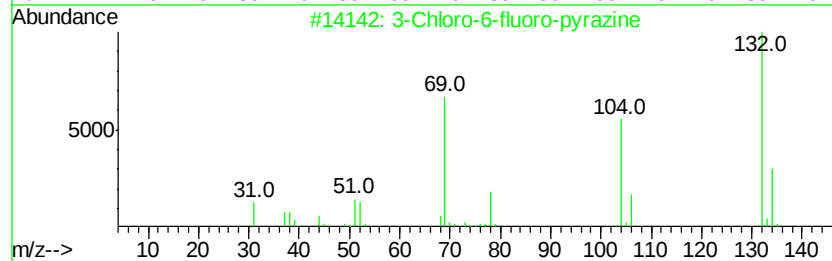
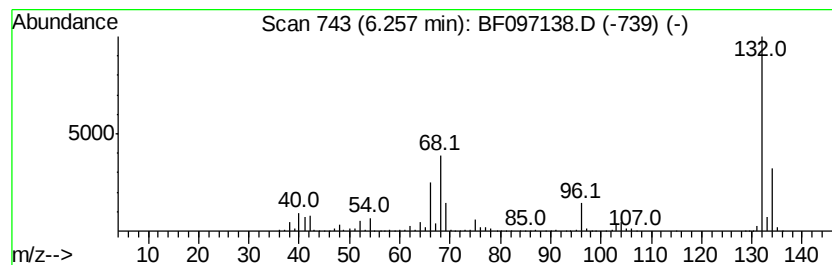
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.26 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.26	41.47 ng	1293710	1,4-Dichlorobenzene-d4	6.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	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	1,3,5		Trifluorobenzene	132	C6H3F3	000372-38-3	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072717\
Data File : BF097138.D
Acq On : 27 Jul 2017 22:33
Operator : SJ/JU
Sample : I4424-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

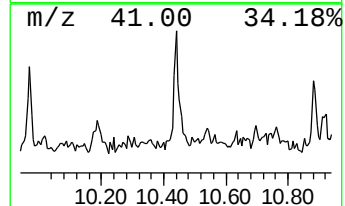
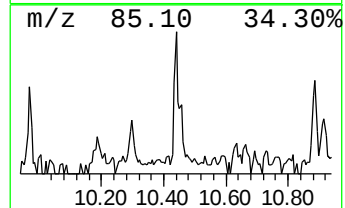
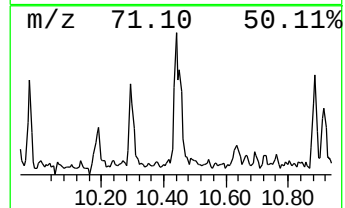
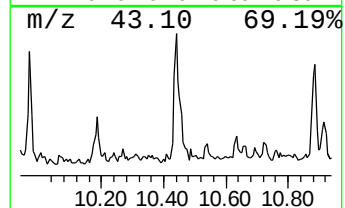
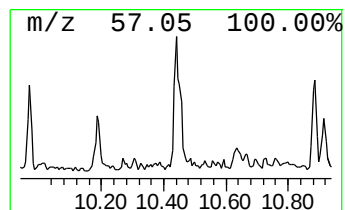
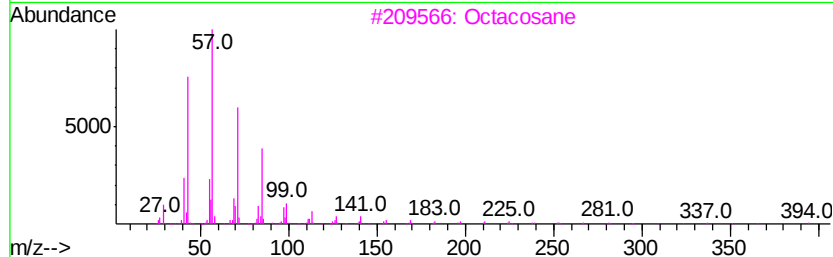
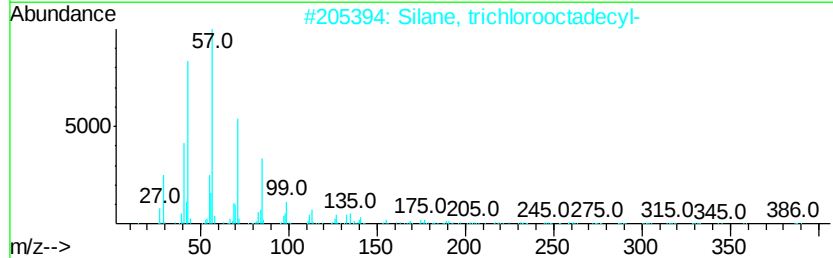
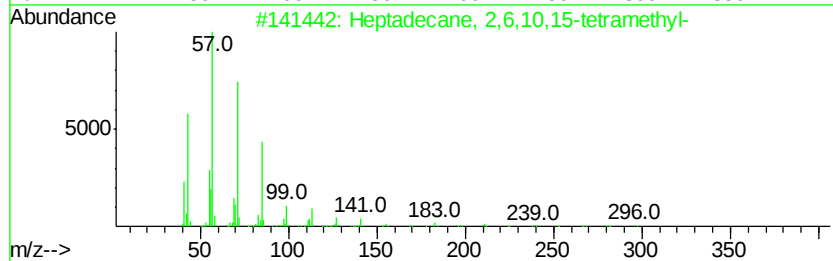
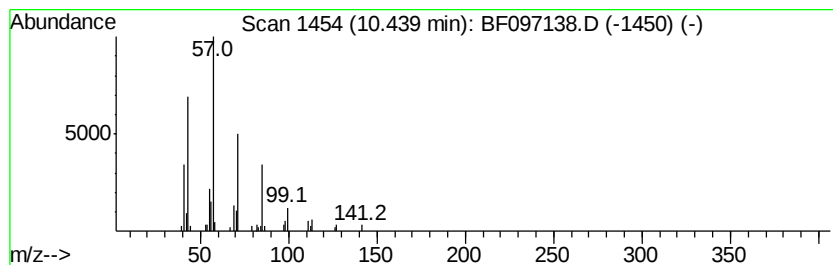
Instrument :
BNA_F
ClientSampleId :
AU-06-072417-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Heptadecane, 2,6,10,15-tetr... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.44	2.52 ng	78438	Phenanthrene-d10	10.99		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44		054833-48-6	91
2	Silane, trichlorooctadecyl-	386	C18H37Cl3Si		000112-04-9	90
3	Octacosane	394	C28H58		000630-02-4	86
4	Tetradecane	198	C14H30		000629-59-4	86
5	Pentadecane	212	C15H32		000629-62-9	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072717\
Data File : BF097138.D
Acq On : 27 Jul 2017 22:33
Operator : SJ/JU
Sample : I4424-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-06-072417-C

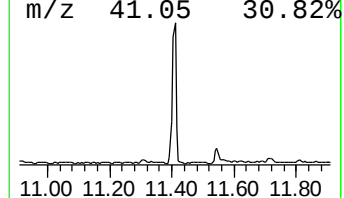
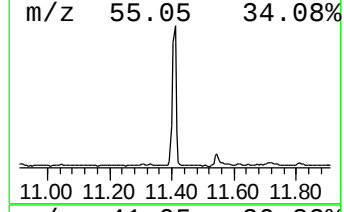
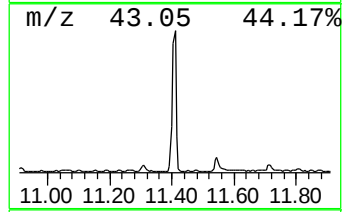
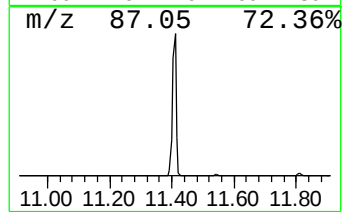
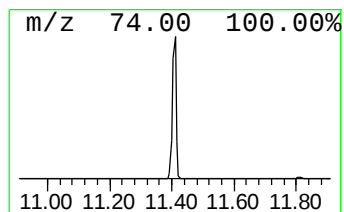
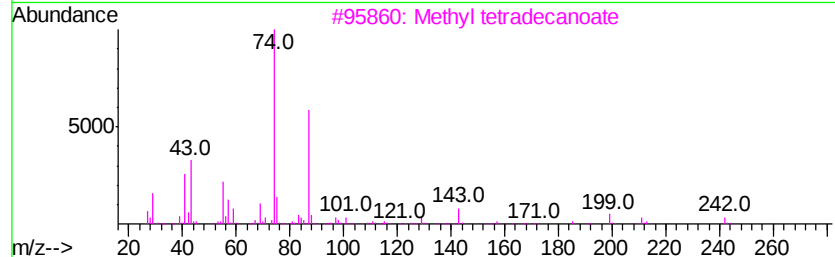
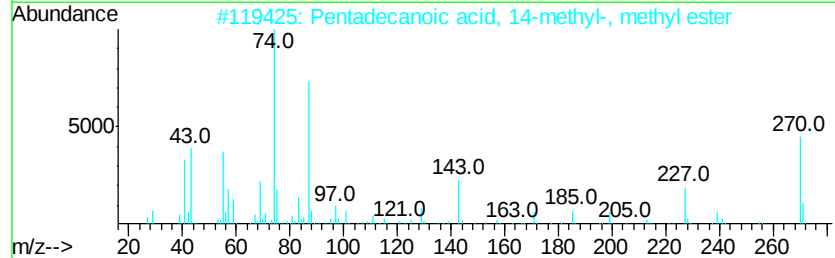
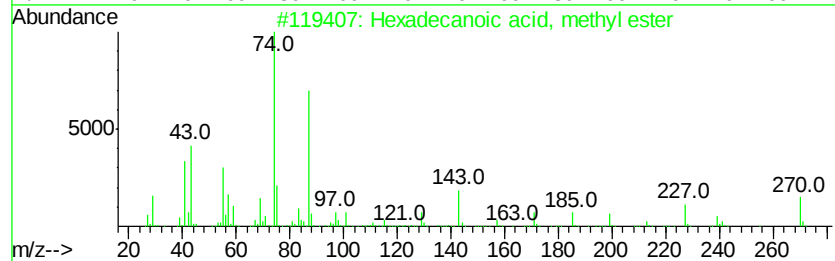
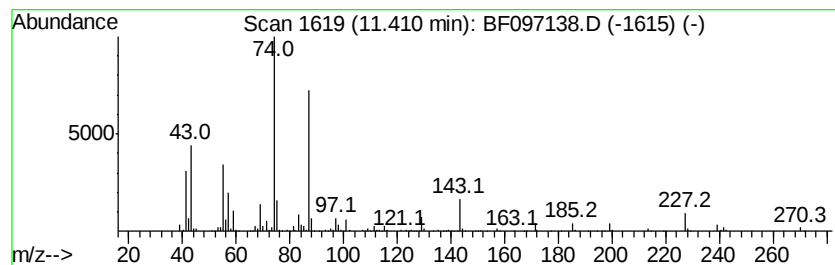
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	37.13 ng	1155210	Phenanthrene-d10	10.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	93
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
3		Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
4		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	87
5		Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
Data File : BF097138.D
Acq On : 27 Jul 2017 22:33
Operator : SJ/JU
Sample : I4424-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-06-072417-C

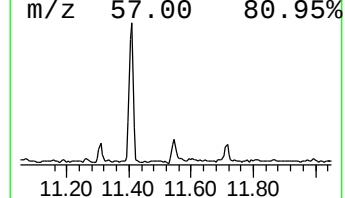
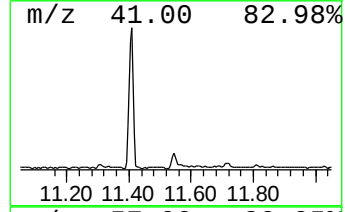
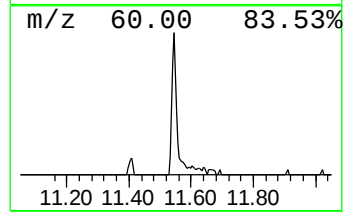
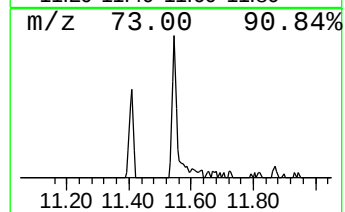
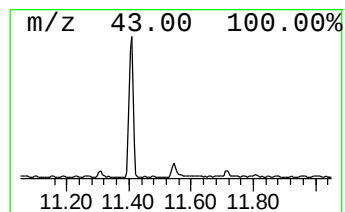
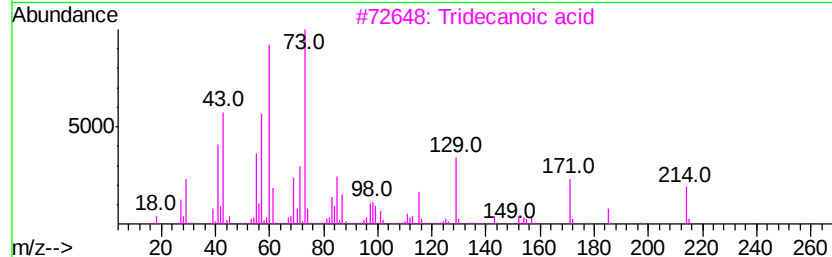
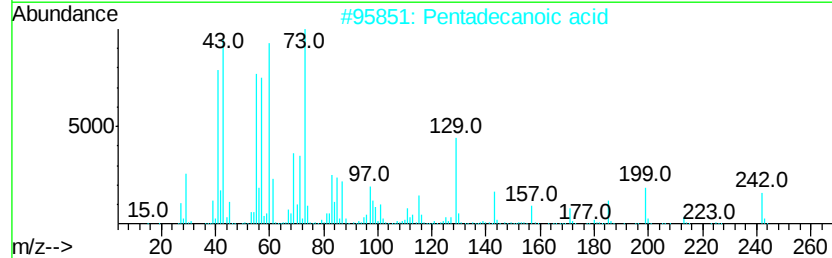
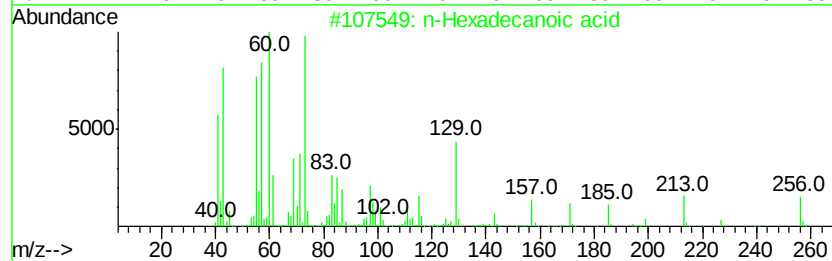
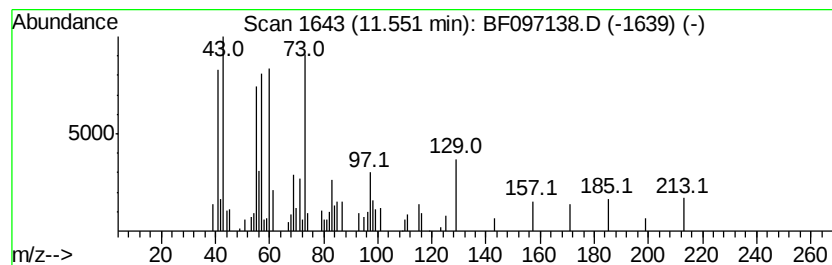
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	4.26 ng	132625	Phenanthrene-d10	10.99

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	86
3		Tridecanoic acid	214	C13H26O2	000638-53-9	80
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		n-Decanoic acid	172	C10H20O2	000334-48-5	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
Data File : BF097138.D
Acq On : 27 Jul 2017 22:33
Operator : SJ/JU
Sample : I4424-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

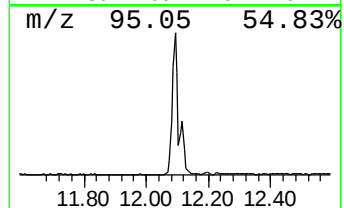
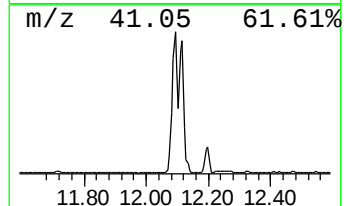
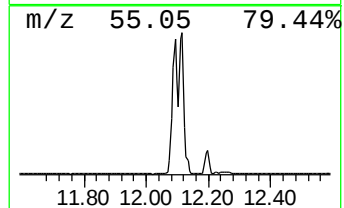
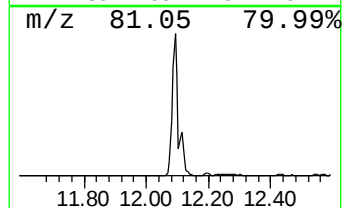
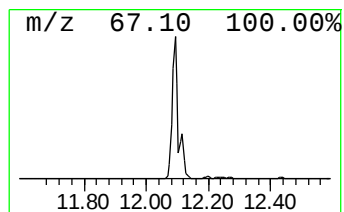
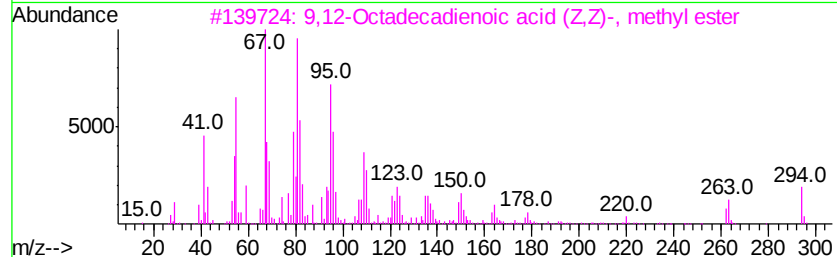
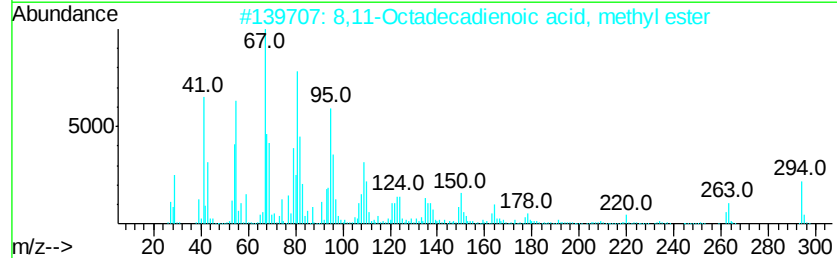
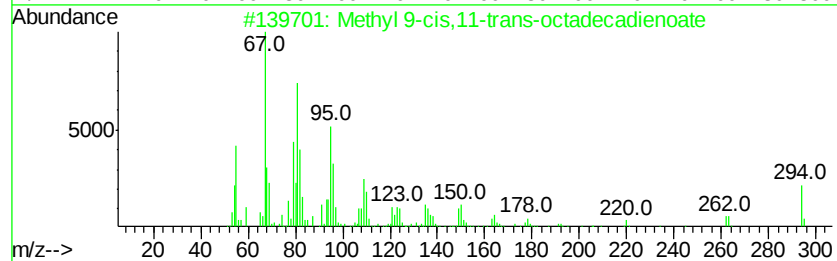
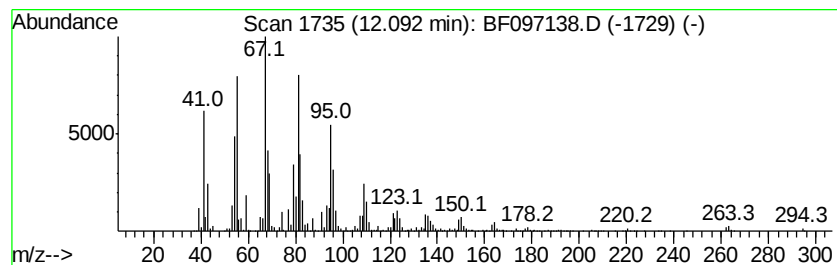
Instrument :
BNA_F
ClientSampleId :
AU-06-072417-C

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Methyl 9-cis,11-trans-octad... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.09	141.56 ng	4403900	Phenanthrene-d10	10.99	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99
2	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
5	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	99



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072717\
Data File : BF097138.D
Acq On : 27 Jul 2017 22:33
Operator : SJ/JU
Sample : I4424-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-06-072417-C

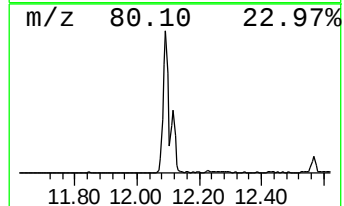
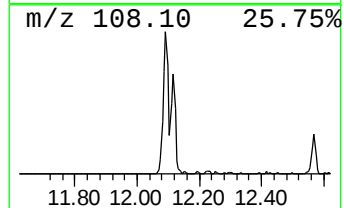
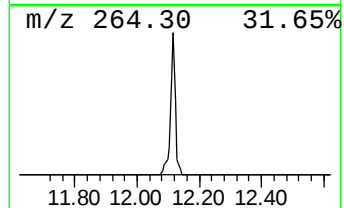
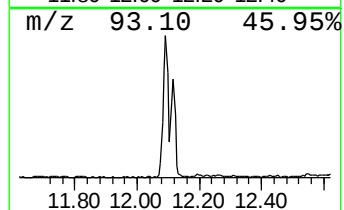
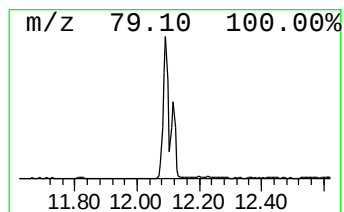
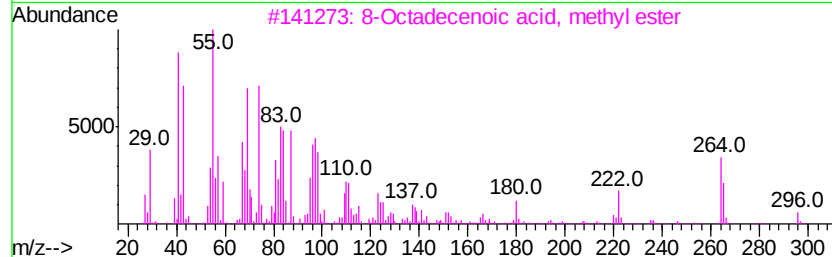
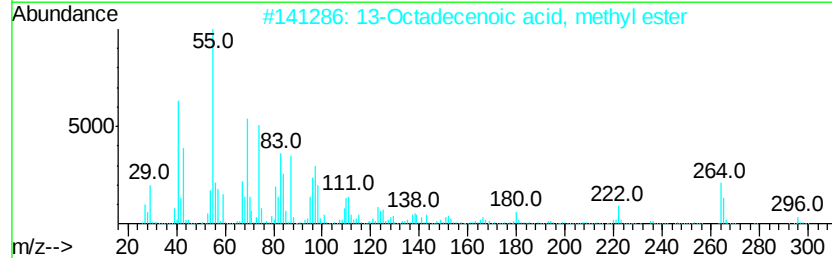
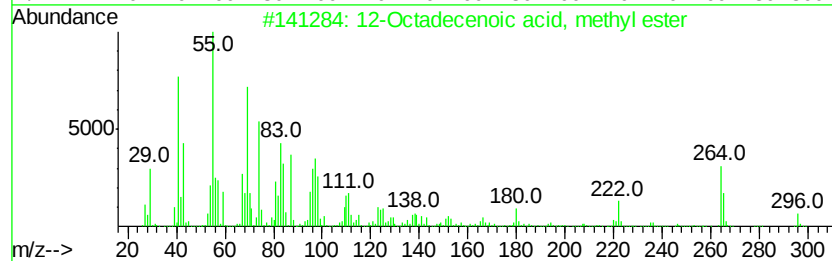
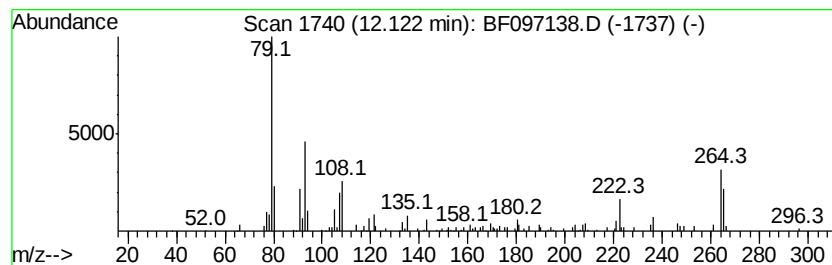
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 12-Octadecenoic acid, methyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	89.57 ng	2786680	Phenanthrene-d10	10.99

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
2		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
3		8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	98
4		9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	98
5		9-Octadecenoic acid, methyl ester	296	C19H36O2	001937-62-8	98



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072717\
Data File : BF097138.D
Acq On : 27 Jul 2017 22:33
Operator : SJ/JU
Sample : I4424-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-06-072417-C

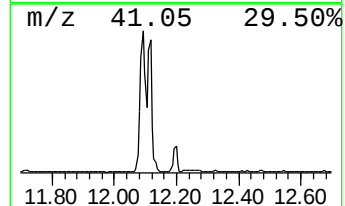
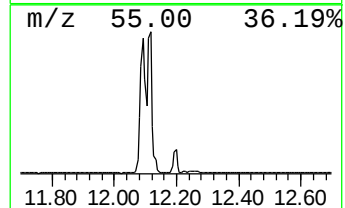
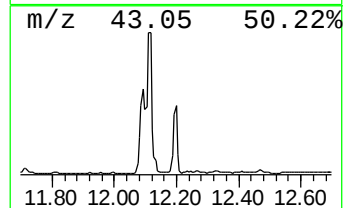
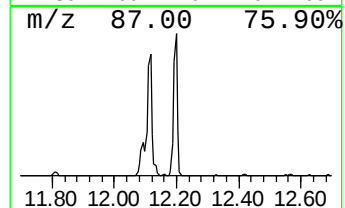
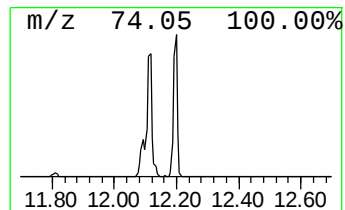
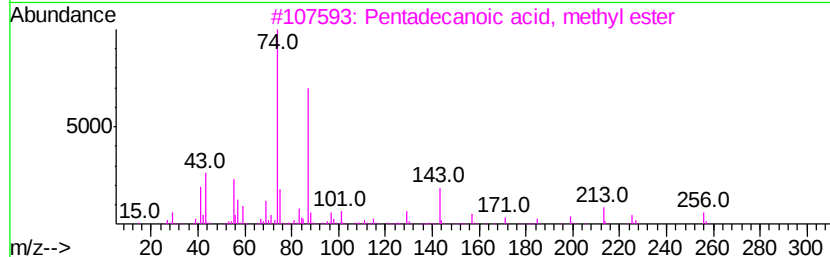
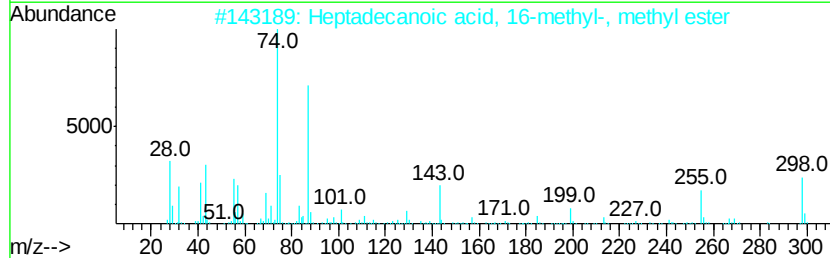
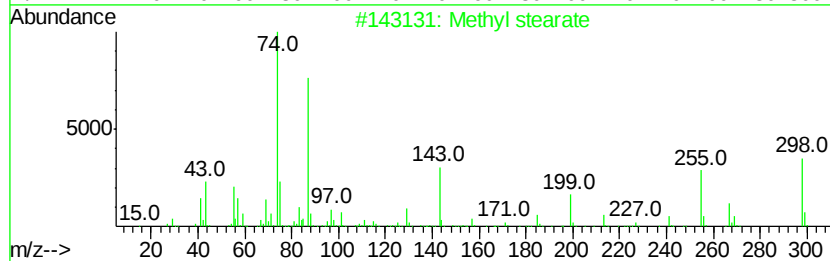
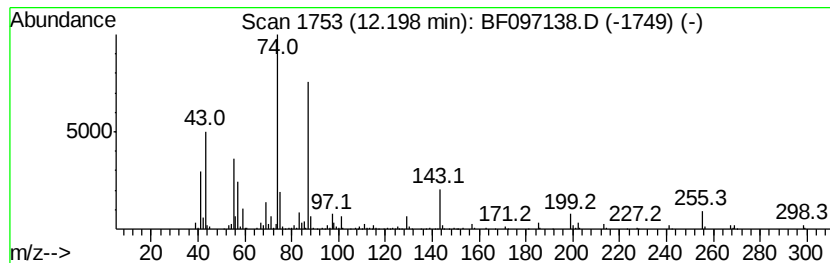
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Methyl stearate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	20.85 ng	648714	Phenanthrene-d10	10.99

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Methyl stearate	298	C19H38O2	000112-61-8	98
2		Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	90
3		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
4		Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072717\
Data File : BF097138.D
Acq On : 27 Jul 2017 22:33
Operator : SJ/JU
Sample : I4424-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

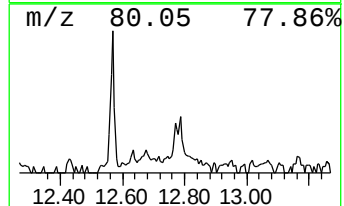
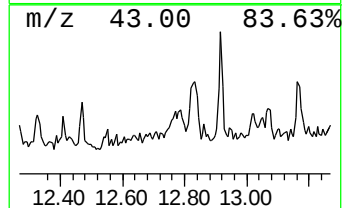
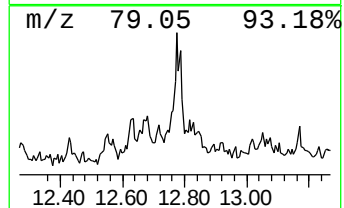
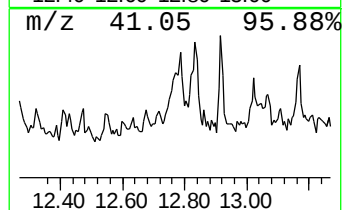
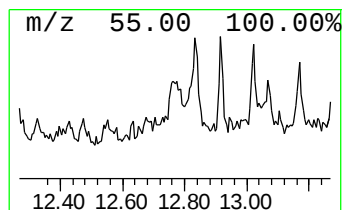
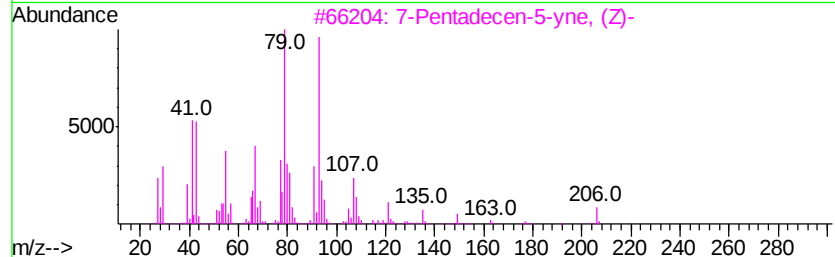
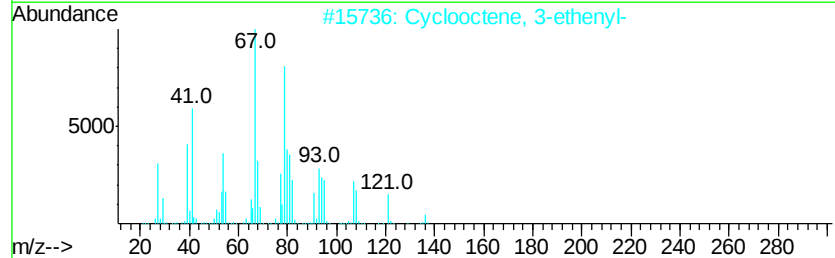
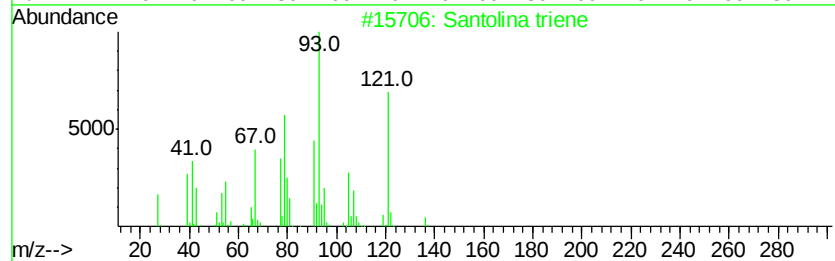
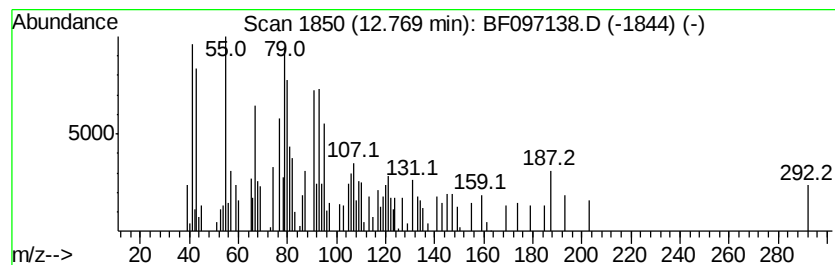
Instrument :
BNA_F
ClientSampleId :
AU-06-072417-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Santolina triene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.77	2.56 ng	80354	Chrysene-d12		13.61	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Santolina triene	136	C10H16	002153-66-4	58
2		Cyclooctene, 3-ethenyl-	136	C10H16	002213-60-7	52
3		7-Pentadecen-5-yne, (Z)-	206	C15H26	074744-49-3	50
4		1-Tetradecen-3-yne	192	C14H24	074752-91-3	47
5		Cyclohexane, cyclopropylidene-	122	C9H14	014114-06-8	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072717\
Data File : BF097138.D
Acq On : 27 Jul 2017 22:33
Operator : SJ/JU
Sample : I4424-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-06-072417-C

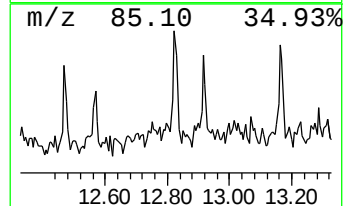
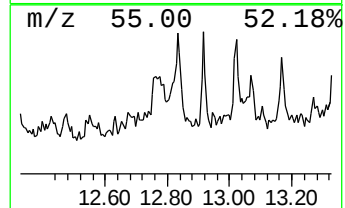
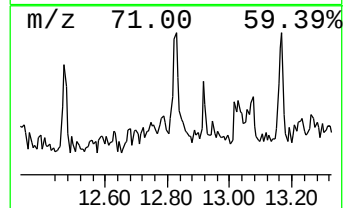
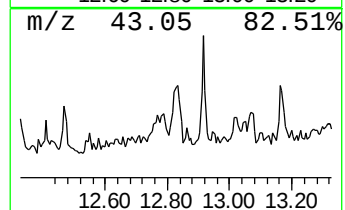
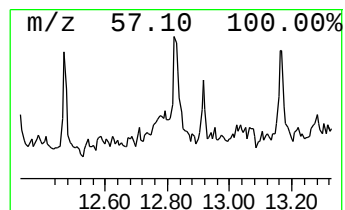
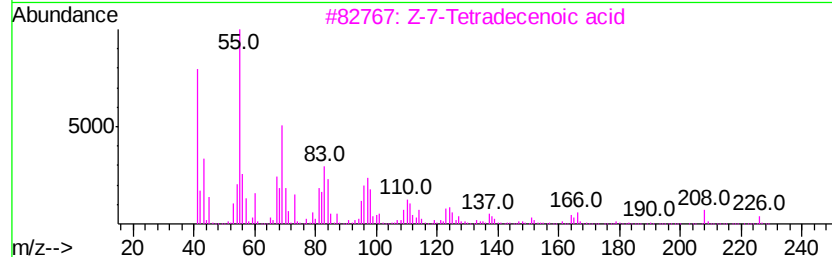
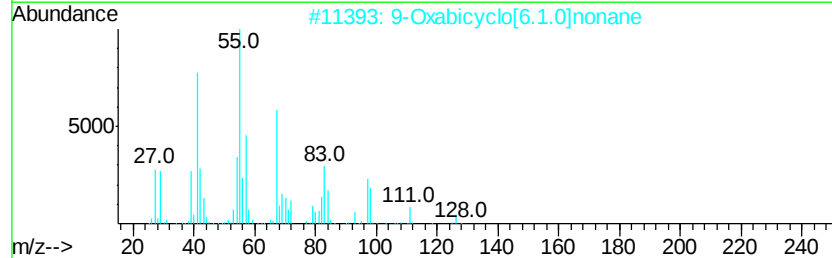
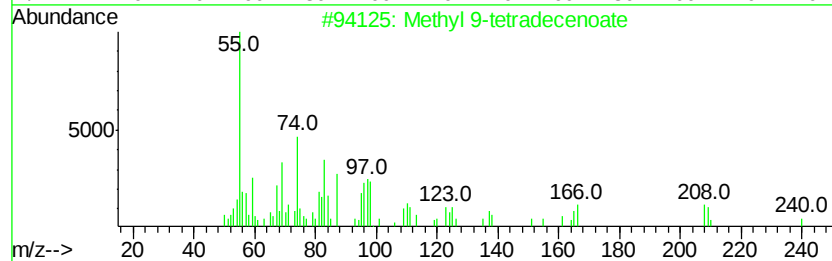
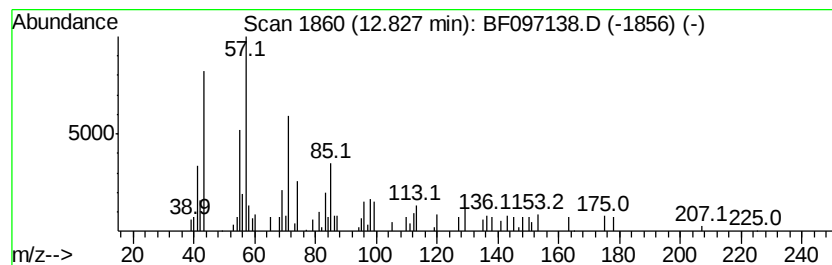
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown12.83 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	4.13 ng	129933	Chrysene-d12	13.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methyl 9-tetradecenoate	240	C15H28O2	1000336-47-3	46
2		9-Oxabicyclo[6.1.0]nonane	126	C8H14O	000286-62-4	41
3		Z-7-Tetradecenoic acid	226	C14H26O2	1000130-98-4	38
4		Z-11-Tetradecenoic acid	226	C14H26O2	1000130-83-3	38
5		Myristoleic acid	226	C14H26O2	000544-64-9	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072717\
Data File : BF097138.D
Acq On : 27 Jul 2017 22:33
Operator : SJ/JU
Sample : I4424-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

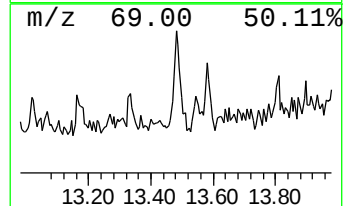
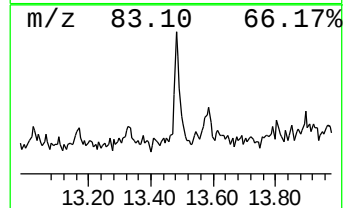
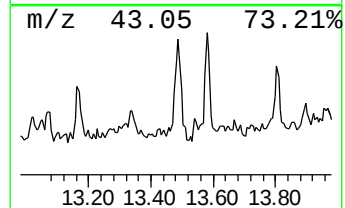
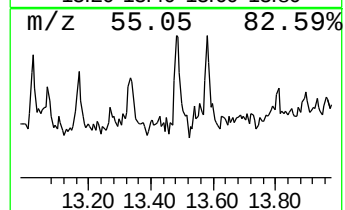
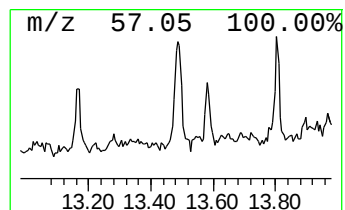
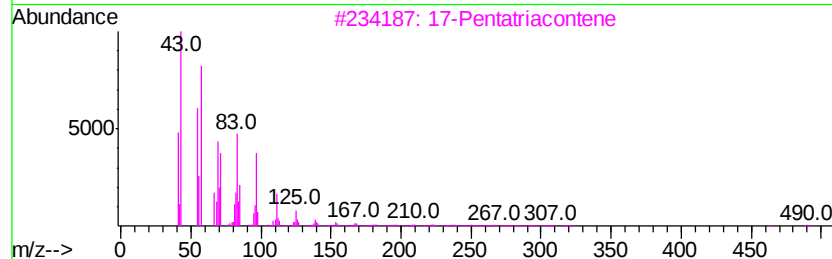
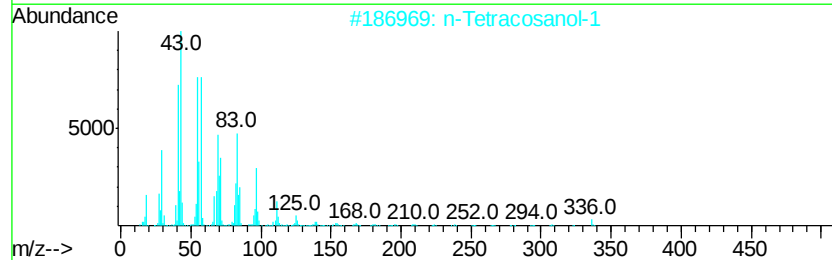
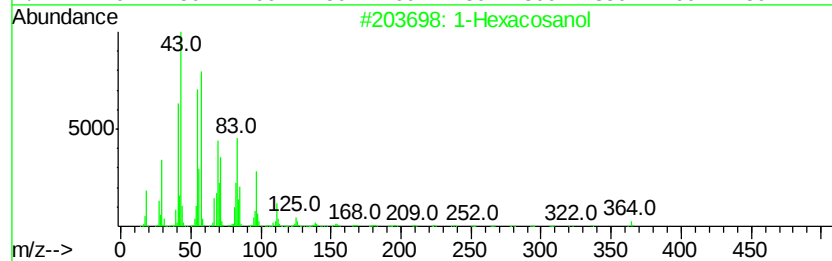
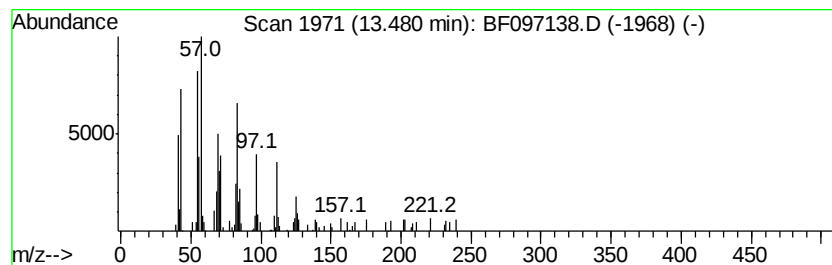
Instrument :
BNA_F
ClientSampleId :
AU-06-072417-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1-Hexacosanol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.48	3.74 ng	117701	Chrysene-d12	13.61	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosanol	382	C26H54O	000506-52-5	83
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	83
3	17-Pentatriacontene	491	C35H70	006971-40-0	80
4	5-Octadecene, (E)-	252	C18H36	007206-21-5	58
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
Data File : BF097138.D
Acq On : 27 Jul 2017 22:33
Operator : SJ/JU
Sample : I4424-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-06-072417-C

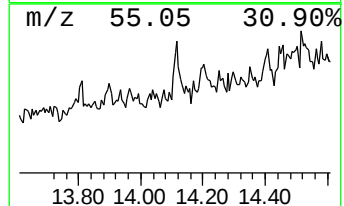
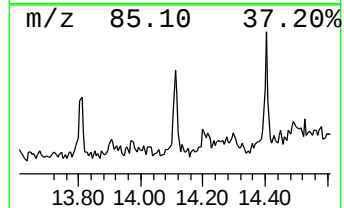
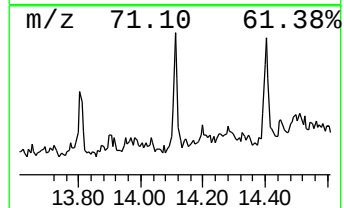
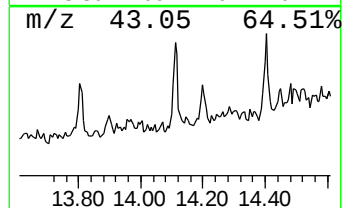
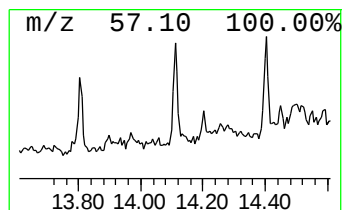
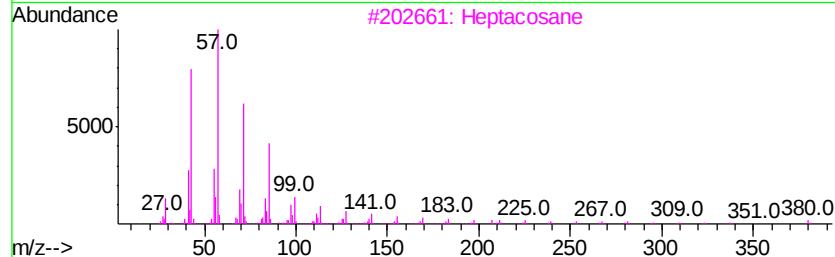
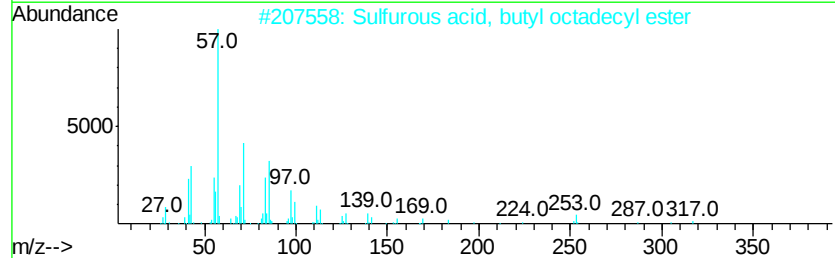
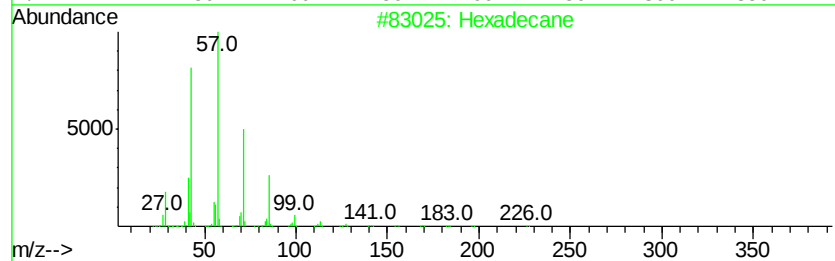
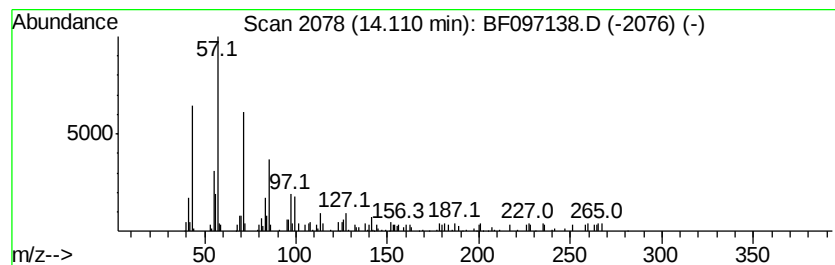
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.11	2.29 ng	71937	Chrysene-d12	13.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	81
2		Sulfurous acid, butyl octadecyl ...	390	C22H46O3S	1000309-18-5	80
3		Heptacosane	380	C27H56	000593-49-7	80
4		Eicosane, 2-methyl-	296	C21H44	001560-84-5	80
5		Heneicosane	296	C21H44	000629-94-7	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072717\
Data File : BF097138.D
Acq On : 27 Jul 2017 22:33
Operator : SJ/JU
Sample : I4424-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
AU-06-072417-C

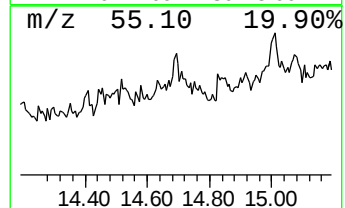
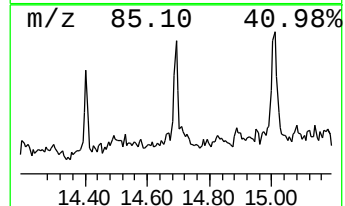
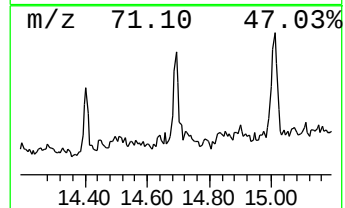
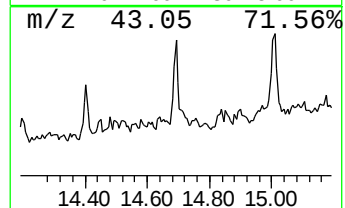
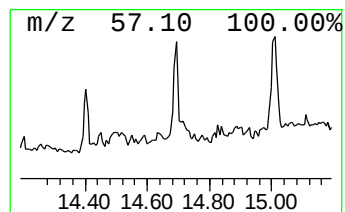
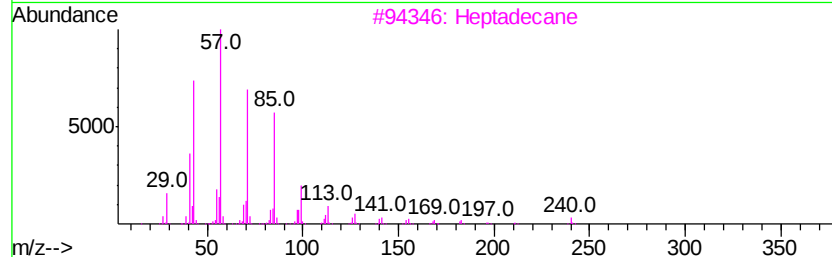
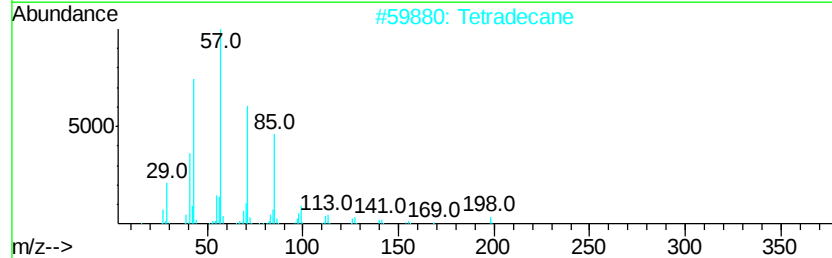
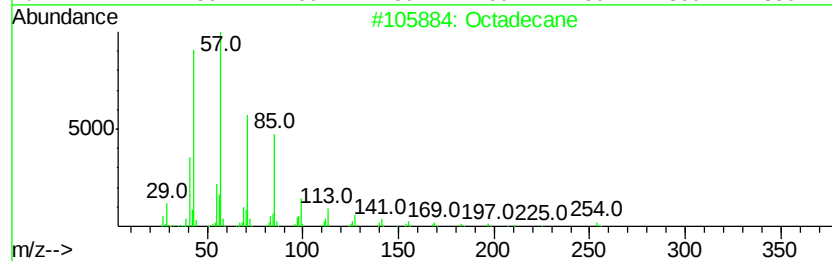
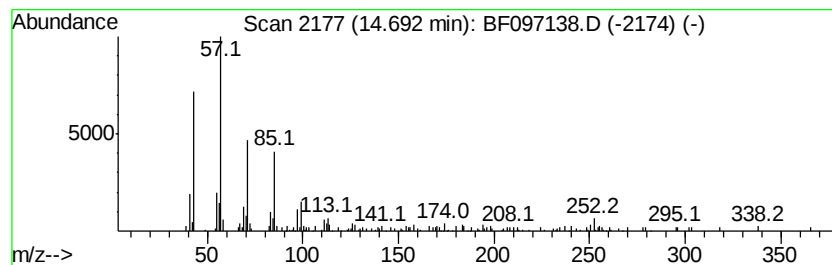
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	2.31 ng	74540	Perylene-d12	14.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	90
2		Tetradecane	198	C14H30	000629-59-4	89
3		Heptadecane	240	C17H36	000629-78-7	89
4		Heneicosane	296	C21H44	000629-94-7	83
5		Tetracosane	338	C24H50	000646-31-1	81



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
Data File : BF097138.D
Acq On : 27 Jul 2017 22:33
Operator : SJ/JU
Sample : I4424-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-06-072417-C

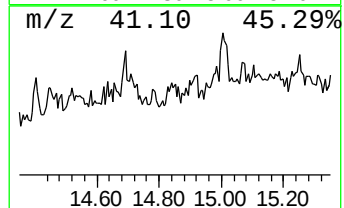
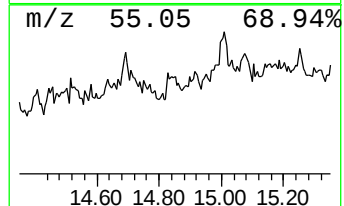
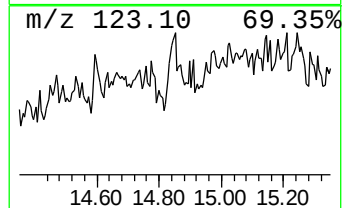
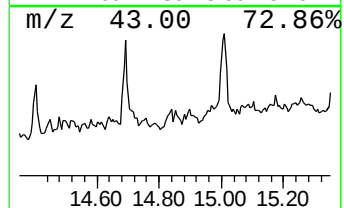
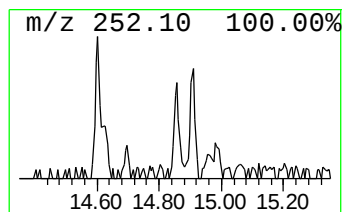
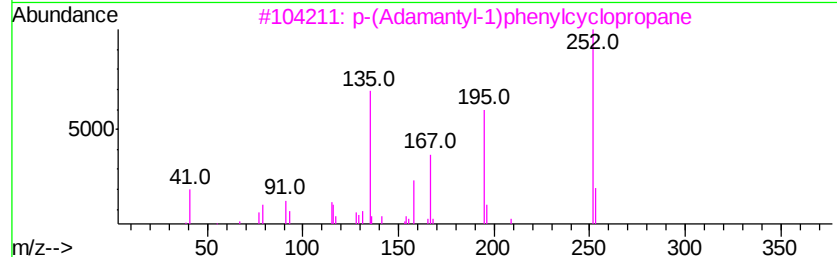
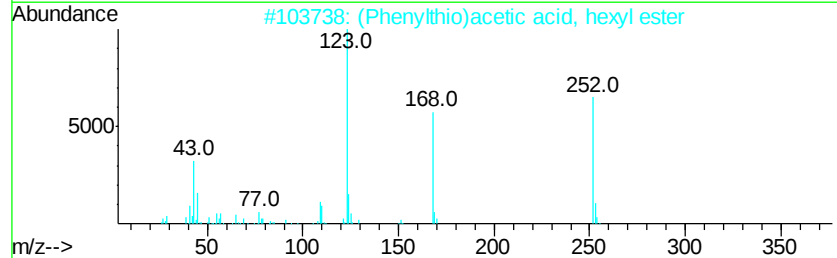
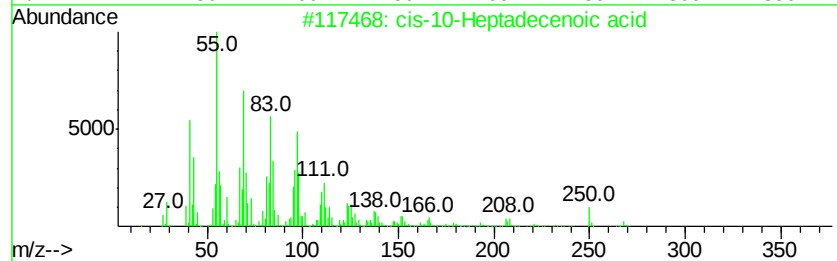
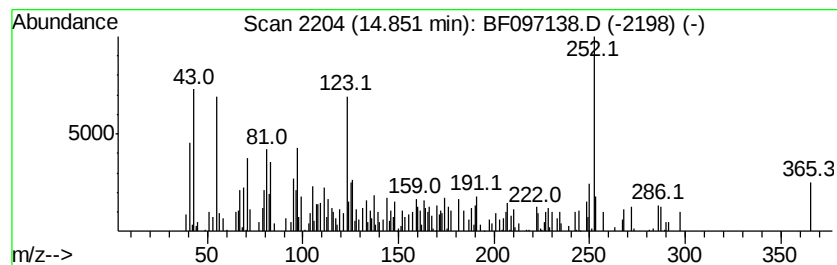
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown14.85 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	3.39 ng	109421	Perylene-d12	14.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-10-Heptadecenoic acid	268	C17H32O2	029743-97-3	49
2			(Phenylthio)acetic acid, hexyl e...	252	C14H20O2S	1000299-84-4	38
3			p-(Adamantyl-1)phenylcyclopropane	252	C19H24	1000140-46-1	35
4			Phenanthrene, 3,6-dimethoxy-9-me...	252	C17H16O2	015638-09-2	35
5			(1-Cyclopentenyl)ferrocene	252	C15H16Fe	012260-67-2	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072717\
Data File : BF097138.D
Acq On : 27 Jul 2017 22:33
Operator : SJ/JU
Sample : I4424-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-06-072417-C

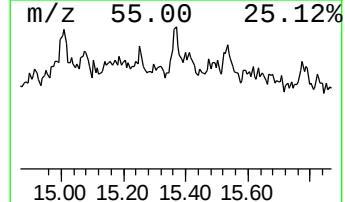
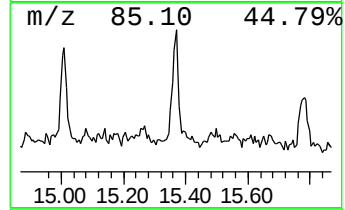
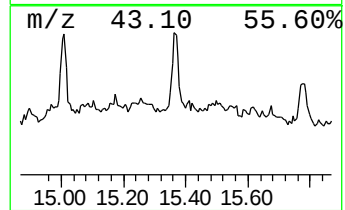
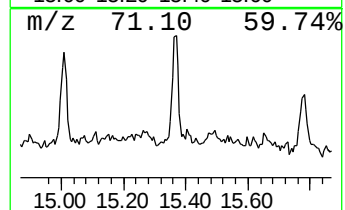
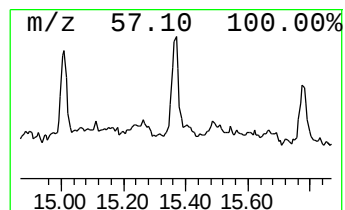
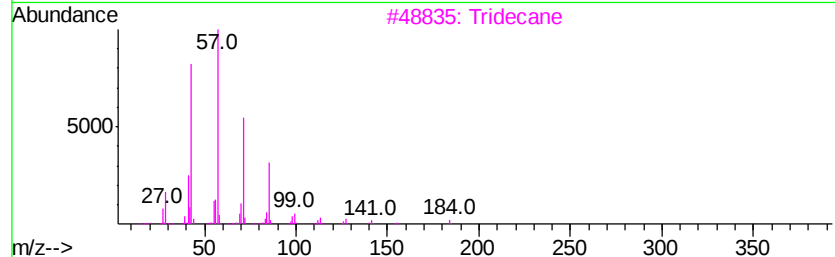
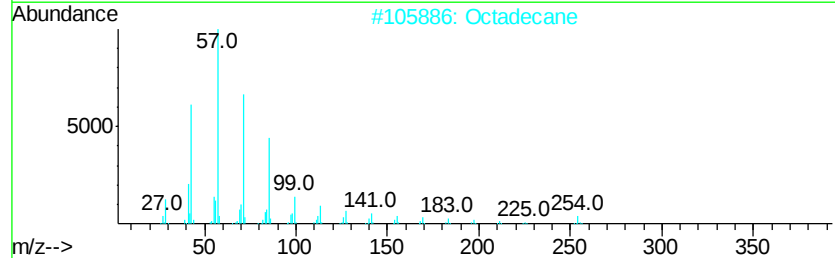
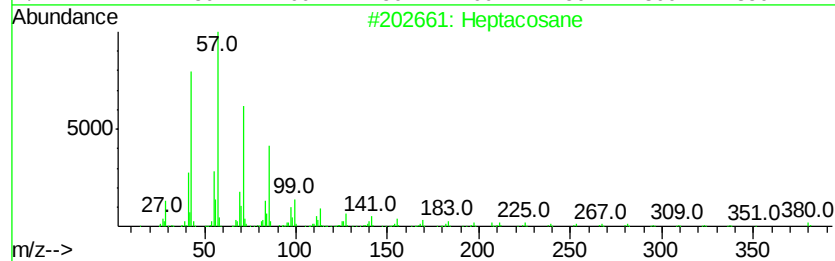
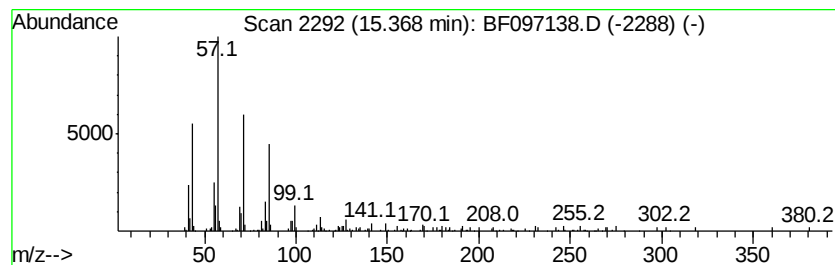
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	3.87 ng	124670	Perylene-d12	14.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	95
2			Octadecane	254	C18H38	000593-45-3	91
3			Tridecane	184	C13H28	000629-50-5	87
4			Nonadecane	268	C19H40	000629-92-5	83
5			Heptadecane	240	C17H36	000629-78-7	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072717\
Data File : BF097138.D
Acq On : 27 Jul 2017 22:33
Operator : SJ/JU
Sample : I4424-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-06-072417-C

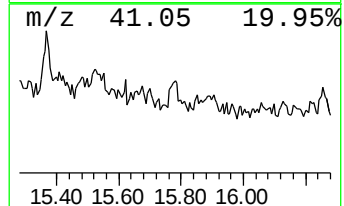
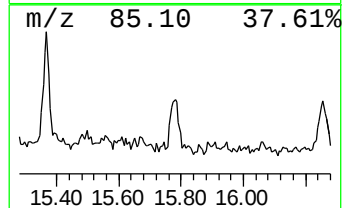
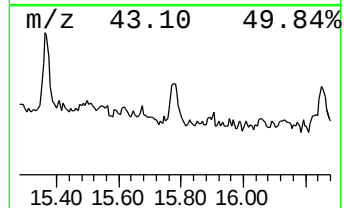
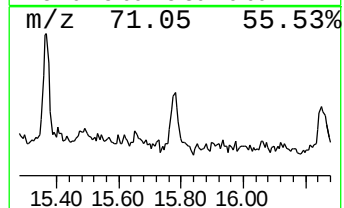
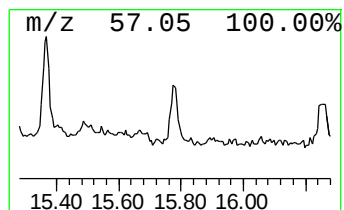
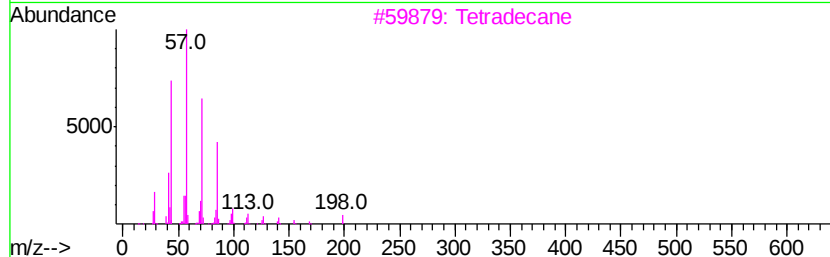
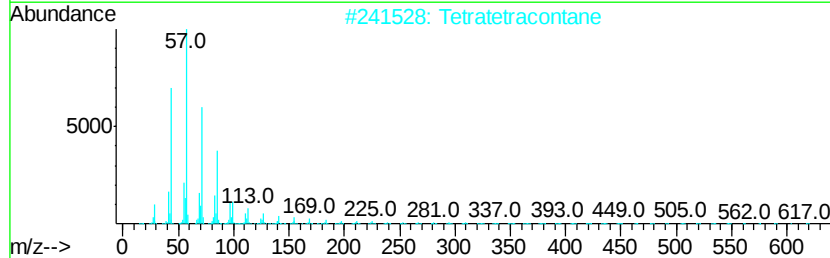
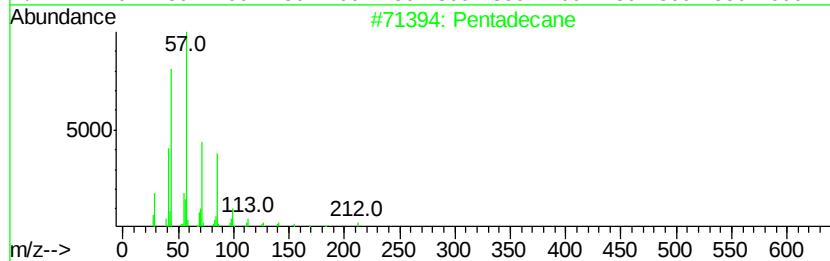
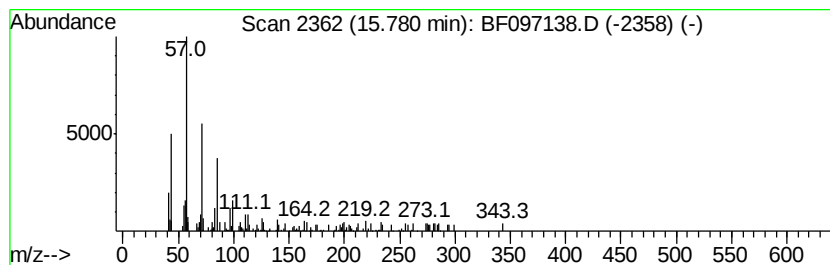
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pentadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	2.46 ng	79417	Perylene-d12	14.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	60
2		Tetratetracontane	619	C44H90	007098-22-8	53
3		Tetradecane	198	C14H30	000629-59-4	49
4		Docosane	310	C22H46	000629-97-0	49
5		Octacosane	394	C28H58	000630-02-4	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072717\
 Data File : BF097138.D
 Acq On : 27 Jul 2017 22:33
 Operator : SJ/JU
 Sample : I4424-07 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-072417-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.62	6.0 ng		188707	1	6.49	623859	20.0
unknown6.26	6.26	41.5 ng		1293710	1	6.49	623859	20.0
Heptadecane, 2,6,...	10.44	2.5 ng		78438	4	10.99	622217	20.0
Hexadecanoic acid...	11.41	37.1 ng		1155210	4	10.99	622217	20.0
n-Hexadecanoic acid	11.55	4.3 ng		132625	4	10.99	622217	20.0
Methyl 9-cis,11-t...	12.09	141.6 ng		4403900	4	10.99	622217	20.0
12-Octadecenoic a...	12.12	89.6 ng		2786680	4	10.99	622217	20.0
Methyl stearate	12.20	20.9 ng		648714	4	10.99	622217	20.0
Santolina triene	12.77	2.6 ng		80354	5	13.61	628860	20.0
unknown12.83	12.83	4.1 ng		129933	5	13.61	628860	20.0
1-Hexacosanol	13.48	3.7 ng		117701	5	13.61	628860	20.0
Hexadecane	14.11	2.3 ng		71937	5	13.61	628860	20.0
Octadecane	14.69	2.3 ng		74540	6	14.96	644977	20.0
unknown14.85	14.85	3.4 ng		109421	6	14.96	644977	20.0
Heptacosane	15.37	3.9 ng		124670	6	14.96	644977	20.0
Pentadecane	15.78	2.5 ng		79417	6	14.96	644977	20.0