

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
 Data File : BF097745.D
 Acq On : 16 Aug 2017 18:11
 Operator : SJ/JU
 Sample : I4793-01 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-081417-A

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-BF081517.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.375	555	559	562	rBV	836344	721789	5.85%	1.220%
2	6.398	729	733	740	rVB	827109	756473	6.13%	1.279%
3	6.539	753	757	761	rBV	942992	770652	6.24%	1.303%
4	6.781	794	798	801	rBV	1203707	1094072	8.86%	1.850%
5	6.934	820	824	827	rBV	696470	581058	4.71%	0.982%
6	7.333	884	892	895	rBV	583743	486995	3.95%	0.823%
7	8.063	1011	1016	1019	rBV	1677705	1557046	12.61%	2.632%
8	8.569	1098	1102	1105	rBV2	129959	130463	1.06%	0.221%
9	8.657	1113	1117	1120	rBV	323120	304954	2.47%	0.516%
10	9.092	1188	1191	1194	rVB2	141889	142571	1.15%	0.241%
11	9.133	1195	1198	1203	rVB	944236	827743	6.71%	1.399%
12	9.227	1209	1214	1217	rBV	456147	459866	3.73%	0.777%
13	9.404	1238	1244	1249	rVB7	178925	223001	1.81%	0.377%
14	9.533	1263	1266	1270	rVV2	279981	436319	3.53%	0.738%
15	9.569	1270	1272	1274	rVV	167719	152897	1.24%	0.258%
16	9.604	1274	1278	1280	rVB3	130800	137869	1.12%	0.233%
17	9.757	1301	1304	1308	rVB	661617	530483	4.30%	0.897%
18	9.816	1308	1314	1317	rBV	1622151	1497507	12.13%	2.532%
19	9.986	1339	1343	1346	rBV2	113678	194919	1.58%	0.330%
20	10.080	1355	1359	1362	rVV2	152910	172852	1.40%	0.292%
21	10.257	1382	1389	1391	rBV	766521	732867	5.94%	1.239%
22	10.474	1422	1426	1429	rBV	316811	334023	2.71%	0.565%
23	10.592	1443	1446	1451	rVB2	486927	463941	3.76%	0.784%
24	10.727	1466	1469	1476	rBV	927674	1009371	8.18%	1.706%
25	11.174	1542	1545	1548	rBV	874120	689466	5.59%	1.166%
26	11.204	1548	1550	1556	rVB	306869	315569	2.56%	0.533%
27	11.298	1562	1566	1569	rBV	1360149	1151364	9.33%	1.946%
28	11.604	1615	1618	1620	rVV	640034	520133	4.21%	0.879%
29	11.710	1631	1636	1639	rVB	5412316	5430477	43.99%	9.180%
30	11.851	1654	1660	1666	rBV	1422710	1747125	14.15%	2.954%
31	11.898	1666	1668	1675	rVB3	84151	127334	1.03%	0.215%
32	12.010	1684	1687	1695	rVB	551086	525678	4.26%	0.889%
33	12.410	1747	1755	1756	rBV2	6204304	12344209	100.00%	20.868%
34	12.498	1766	1770	1773	rBV	3461583	3227149	26.14%	5.456%

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
Data File : BF097745.D
Acq On : 16 Aug 2017 18:11
Operator : SJ/JU
Sample : I4793-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-081417-A

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-BF081517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.563	1773	1781	1782	rVV2	3366094	6499956	52.66%	10.988%
36	12.580	1782	1784	1791	rVV	4145971	4363986	35.35%	7.377%
37	12.639	1791	1794	1804	rVV	770744	1028043	8.33%	1.738%
38	12.733	1807	1810	1814	rVV2	311809	351461	2.85%	0.594%
39	12.774	1814	1817	1827	rVB	283234	344837	2.79%	0.583%
40	12.857	1828	1831	1833	rBV3	138200	171156	1.39%	0.289%
41	12.886	1833	1836	1841	rVB	636903	553078	4.48%	0.935%
42	12.992	1852	1854	1857	rVB2	150834	143944	1.17%	0.243%
43	13.057	1862	1865	1867	rBV	241546	262212	2.12%	0.443%
44	13.127	1874	1877	1878	rBV	284890	255263	2.07%	0.432%
45	13.145	1878	1880	1883	rVB	336798	285489	2.31%	0.483%
46	13.221	1887	1893	1895	rBV	510964	697505	5.65%	1.179%
47	13.239	1895	1896	1900	rVV2	470352	378158	3.06%	0.639%
48	13.280	1900	1903	1906	rVV2	436054	376583	3.05%	0.637%
49	13.380	1918	1920	1924	rVB4	191019	182584	1.48%	0.309%
50	13.427	1925	1928	1931	rVB2	489374	464011	3.76%	0.784%
51	13.645	1961	1965	1968	rVB2	253682	327906	2.66%	0.554%
52	13.892	2003	2007	2009	rBV	370871	343639	2.78%	0.581%
53	13.933	2010	2014	2017	rBV	1030847	943310	7.64%	1.595%
54	14.404	2090	2094	2095	rBV3	169028	203999	1.65%	0.345%
55	14.509	2110	2112	2115	rBV	158821	129649	1.05%	0.219%
56	14.721	2146	2148	2154	rBV3	132225	151402	1.23%	0.256%
57	15.051	2202	2204	2209	rVB2	191131	201656	1.63%	0.341%
58	15.368	2254	2258	2261	rVB	592070	695168	5.63%	1.175%

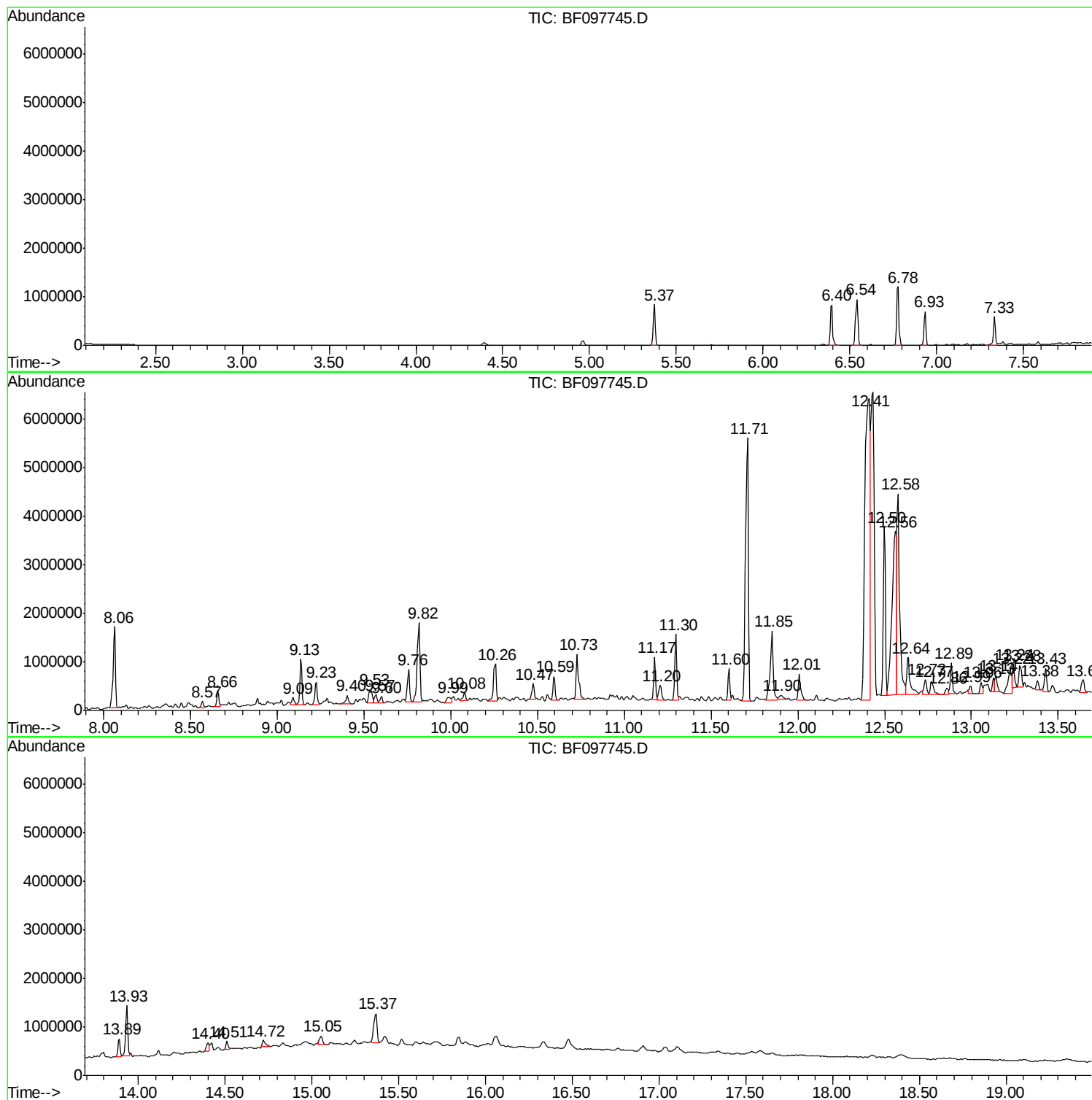
Sum of corrected areas: 59153230

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081617\
Data File : BF097745.D
Acq On : 16 Aug 2017 18:11
Operator : SJ/JU
Sample : I4793-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-081417-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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\BF081617\
Data File : BF097745.D
Acq On : 16 Aug 2017 18:11
Operator : SJ/JU
Sample : I4793-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-081417-A

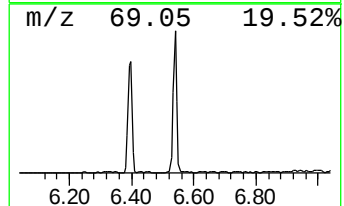
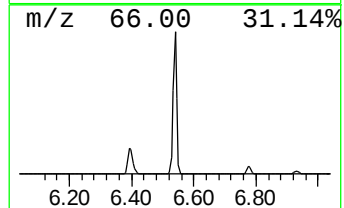
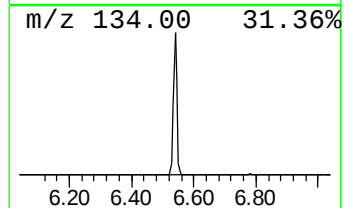
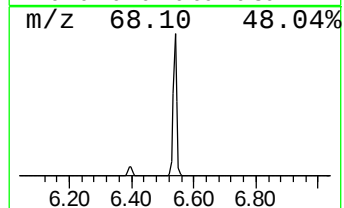
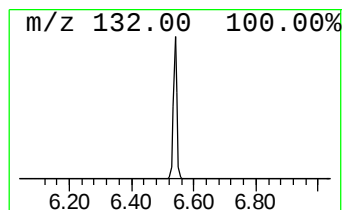
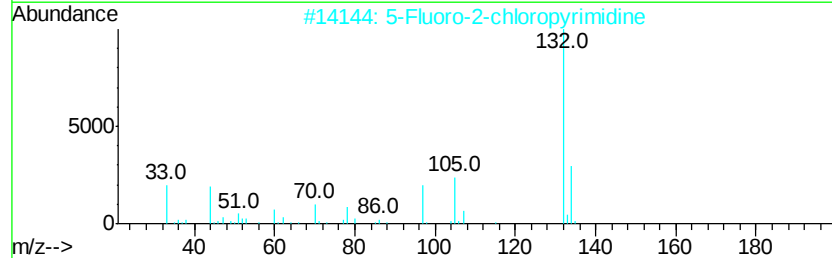
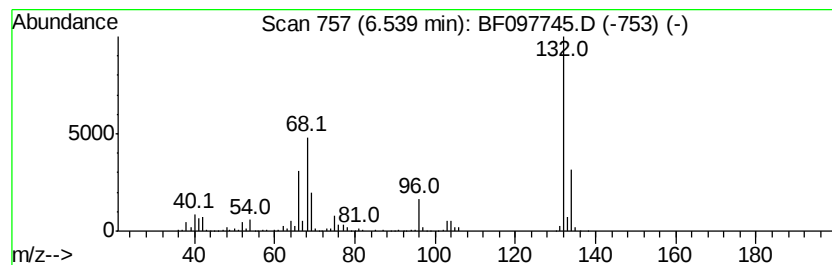
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.54 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	14.09 ng	770652	1,4-Dichlorobenzene-d4	6.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		5-Aminoindole	132	C8H8N2	005192-03-0	10
5		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081617\
Data File : BF097745.D
Acq On : 16 Aug 2017 18:11
Operator : SJ/JU
Sample : I4793-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

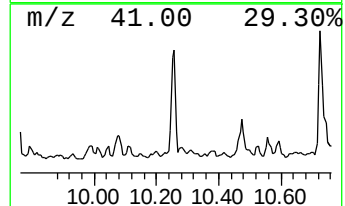
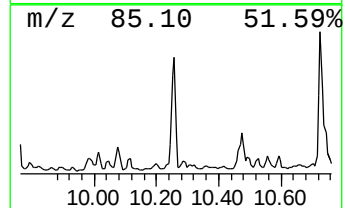
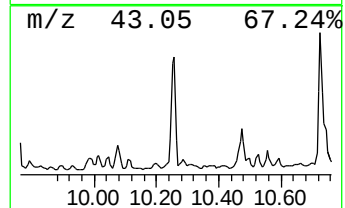
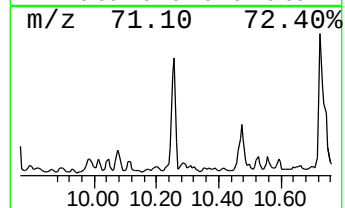
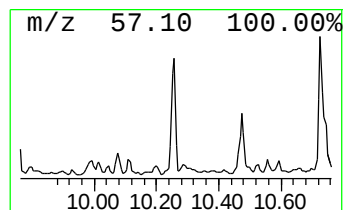
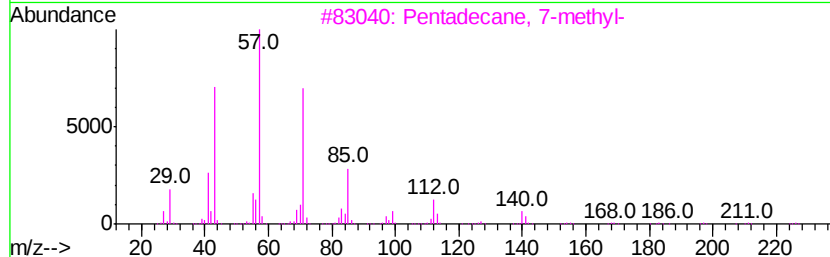
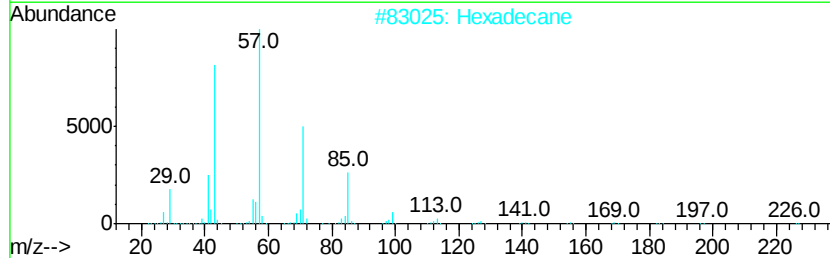
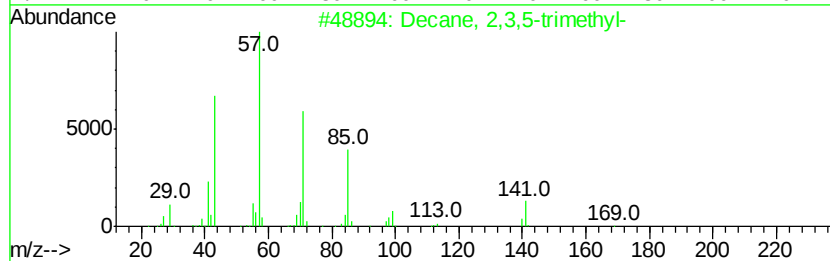
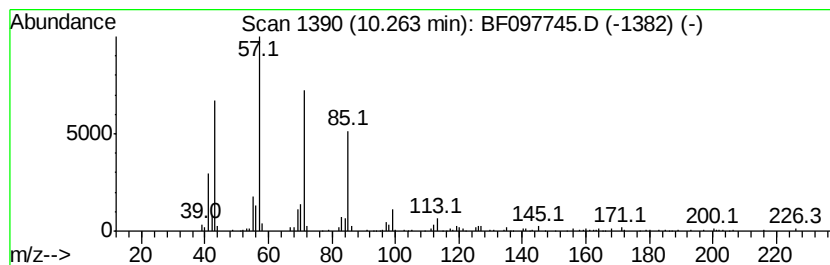
Instrument :
BNA_F
ClientSampleId :
EO-02-081417-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Decane, 2,3,5-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.26	9.79 ng	732867	Acenaphthene-d10		9.82
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
2	Hexadecane	226	C16H34	000544-76-3	87
3	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	80
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081617\
Data File : BF097745.D
Acq On : 16 Aug 2017 18:11
Operator : SJ/JU
Sample : I4793-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-081417-A

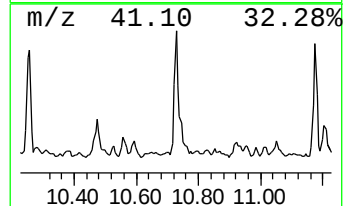
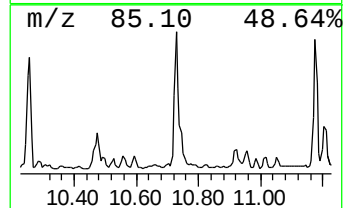
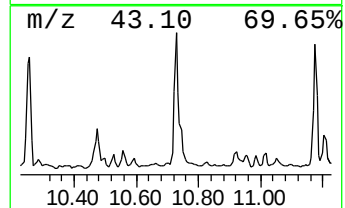
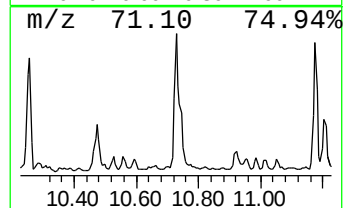
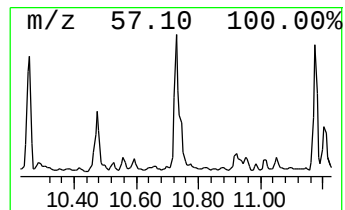
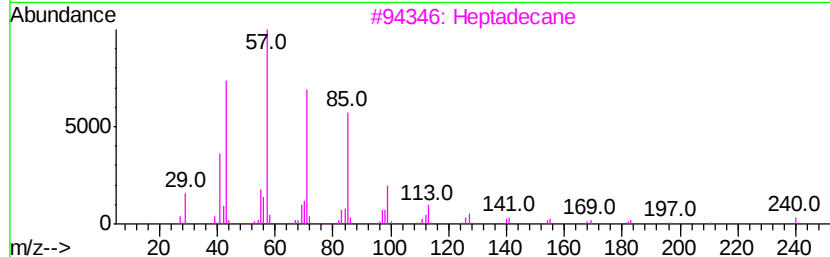
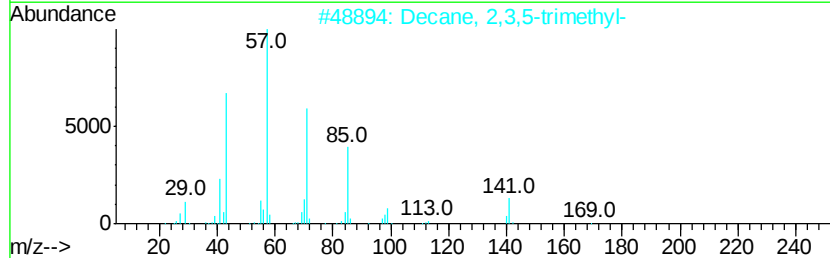
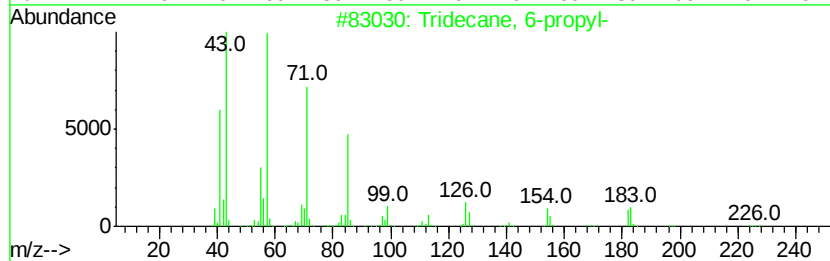
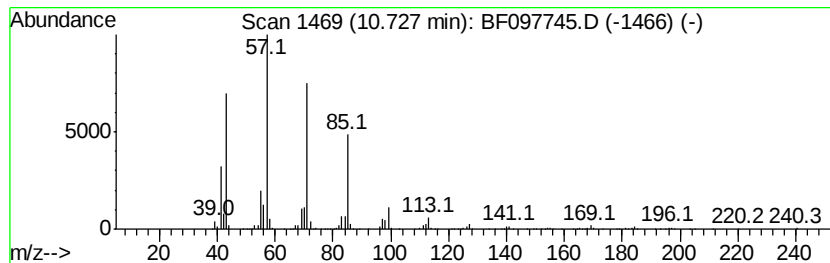
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tridecane, 6-propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	17.53 ng	1009370	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
2		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
3		Heptadecane	240	C17H36	000629-78-7	90
4		Tetracosane	338	C24H50	000646-31-1	90
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081617\
Data File : BF097745.D
Acq On : 16 Aug 2017 18:11
Operator : SJ/JU
Sample : I4793-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-081417-A

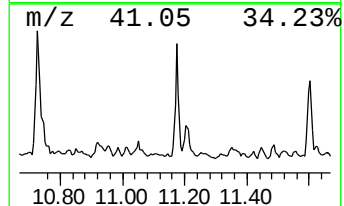
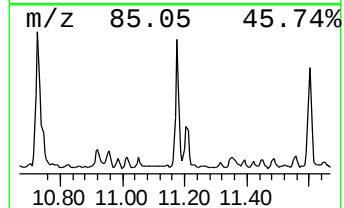
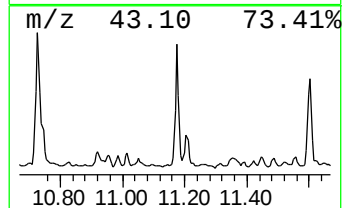
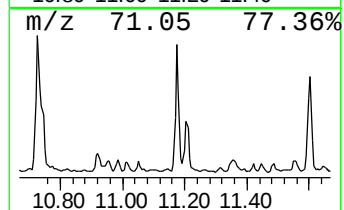
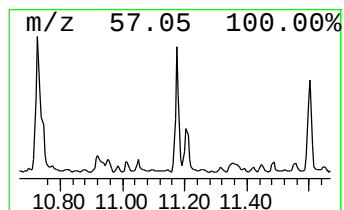
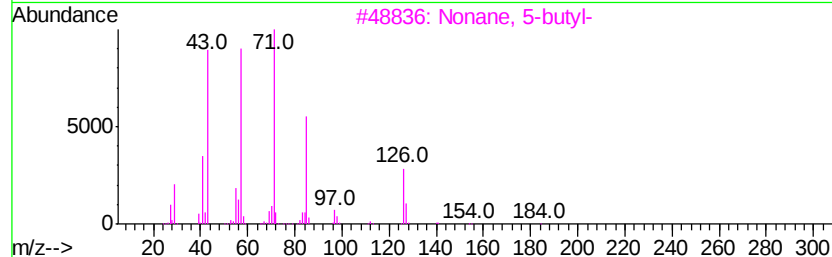
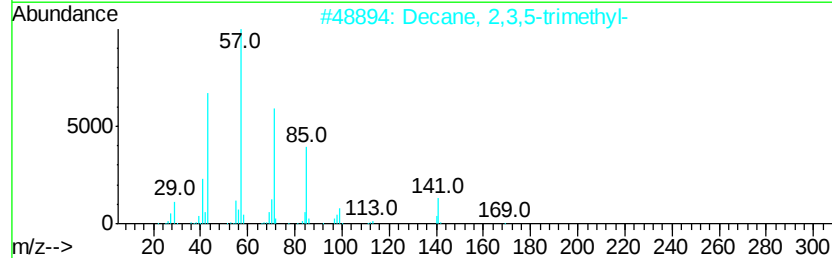
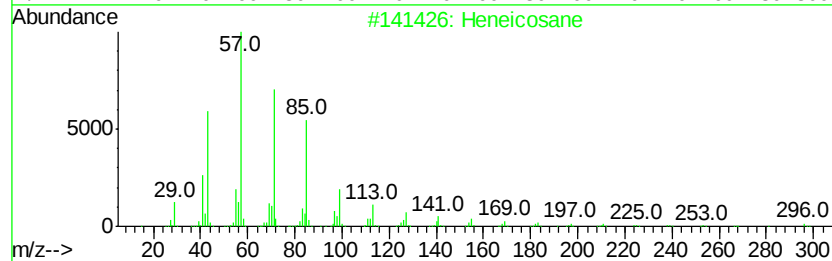
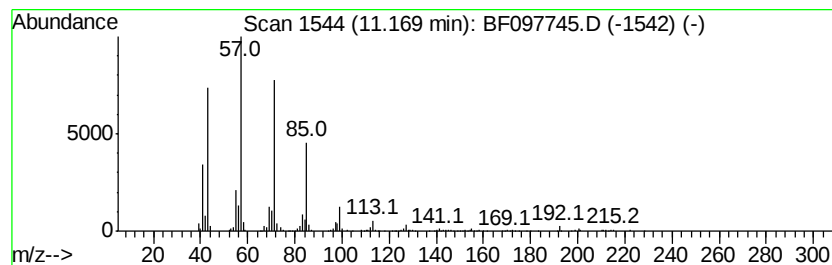
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	11.98 ng	689466	Phenanthrene-d10	11.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heneicosane	296	C21H44	000629-94-7	90
2		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
3		Nonane, 5-butyl-	184	C13H28	017312-63-9	87
4		Tetradecane	198	C14H30	000629-59-4	87
5		1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
Data File : BF097745.D
Acq On : 16 Aug 2017 18:11
Operator : SJ/JU
Sample : I4793-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-081417-A

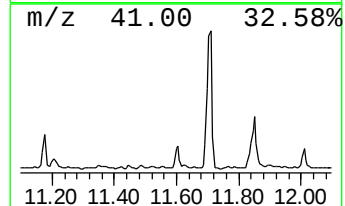
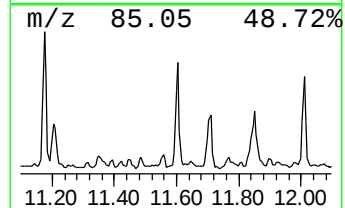
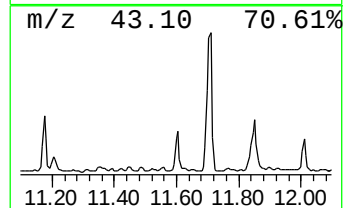
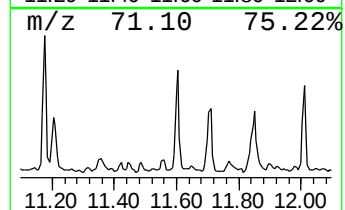
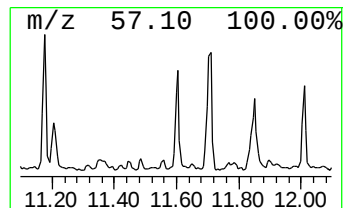
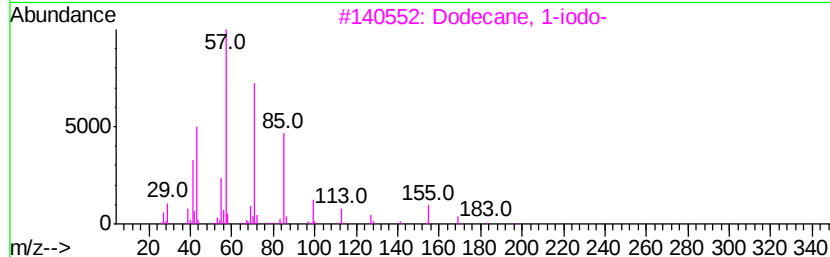
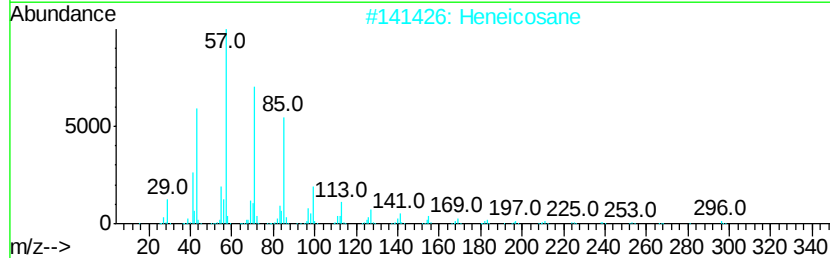
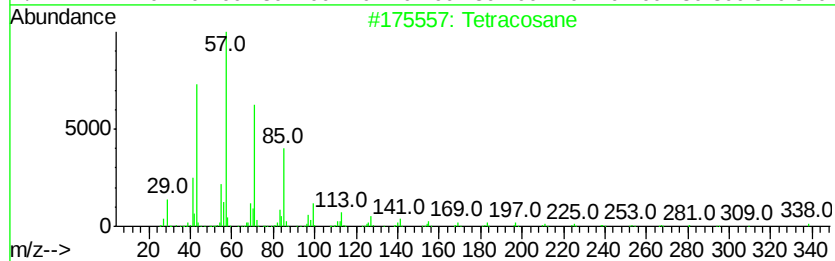
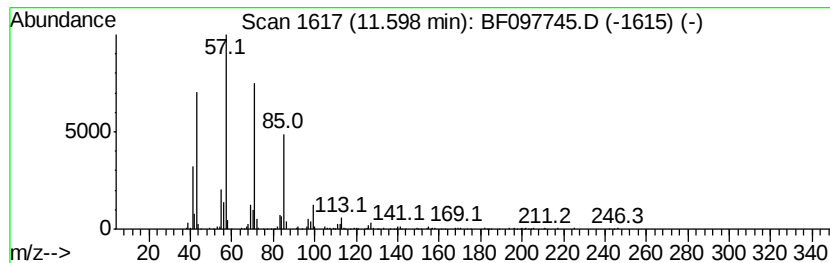
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetracosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	9.04 ng	520133	Phenanthrene-d10	11.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	90
2			Heneicosane	296	C21H44	000629-94-7	90
3			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4			Decane, 5-propyl-	184	C13H28	017312-62-8	74
5			Octadecane	254	C18H38	000593-45-3	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081617\
Data File : BF097745.D
Acq On : 16 Aug 2017 18:11
Operator : SJ/JU
Sample : I4793-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-081417-A

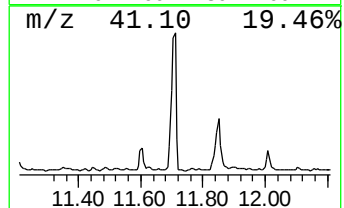
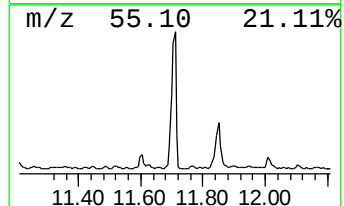
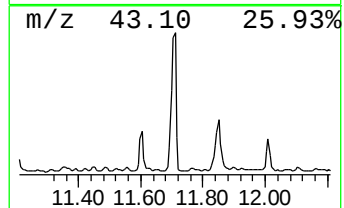
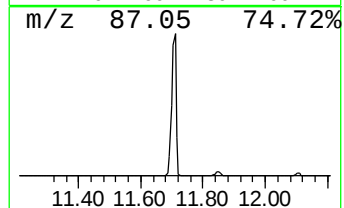
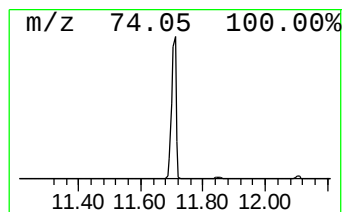
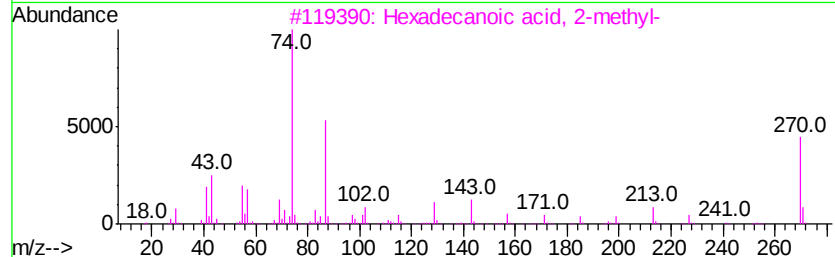
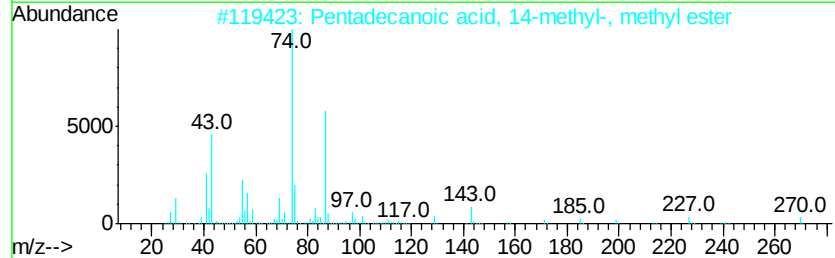
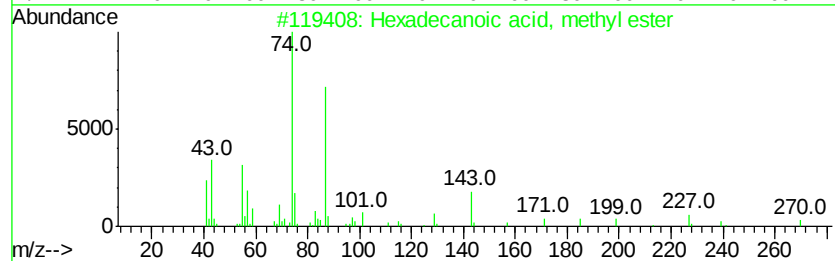
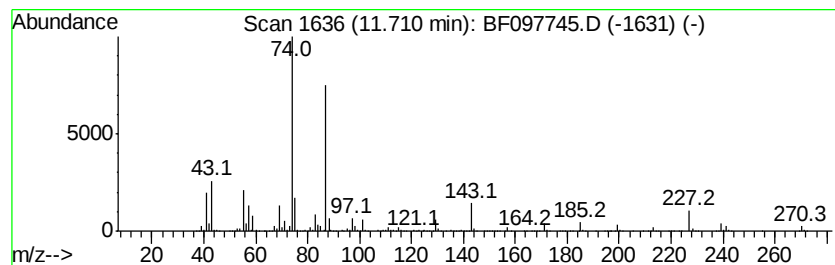
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	94.33 ng	5430480	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3		Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	86
4		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5		Dodecanoic acid, 10-methyl-, met...	228	C14H28O2	005129-65-7	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081617\
Data File : BF097745.D
Acq On : 16 Aug 2017 18:11
Operator : SJ/JU
Sample : I4793-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-081417-A

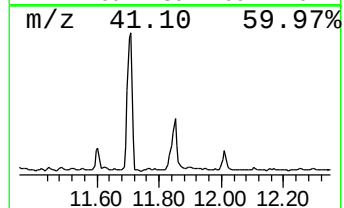
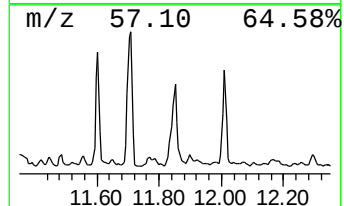
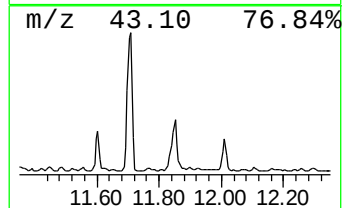
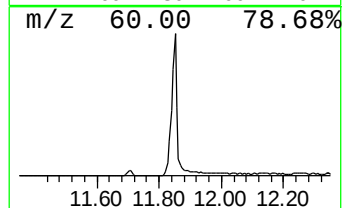
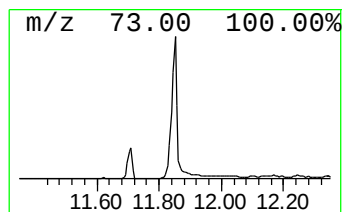
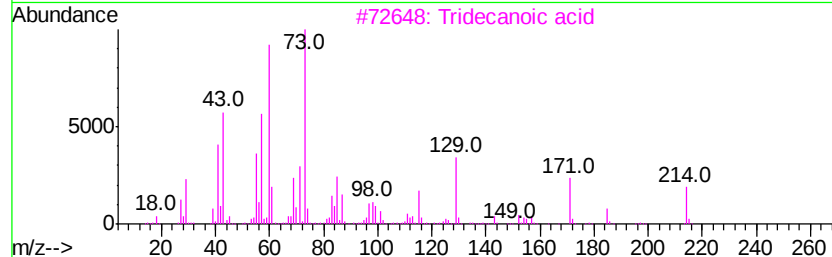
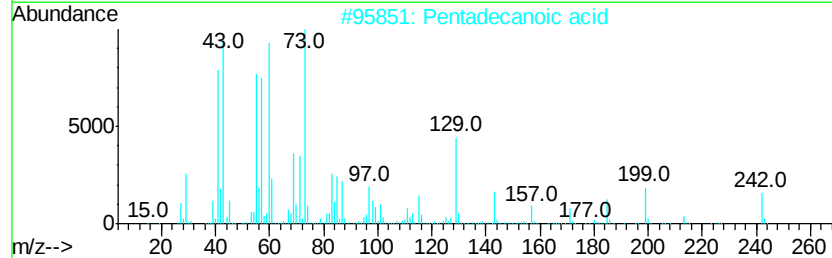
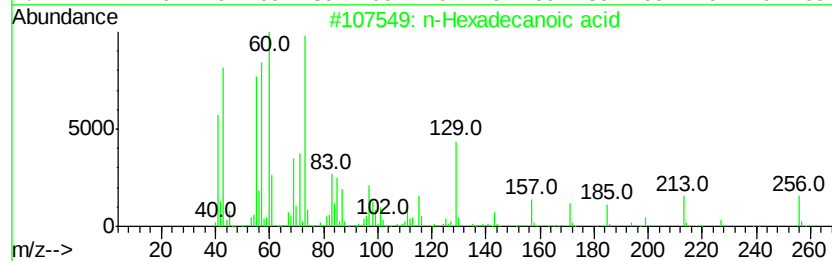
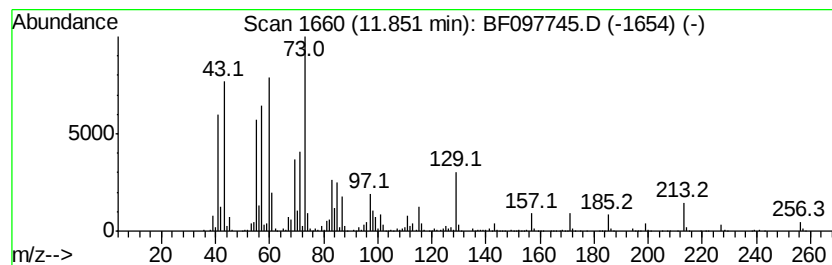
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	30.35 ng	1747130	Phenanthrene-d10	11.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3		Tridecanoic acid	214	C13H26O2	000638-53-9	64
4		Trehalose	342	C12H22O11	000099-20-7	47
5		Undecanoic acid	186	C11H22O2	000112-37-8	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
Data File : BF097745.D
Acq On : 16 Aug 2017 18:11
Operator : SJ/JU
Sample : I4793-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-081417-A

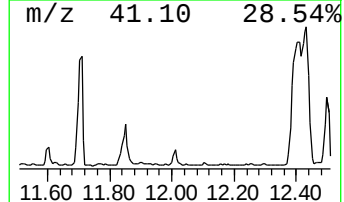
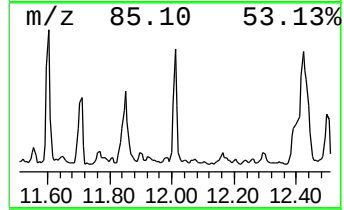
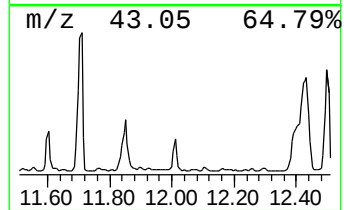
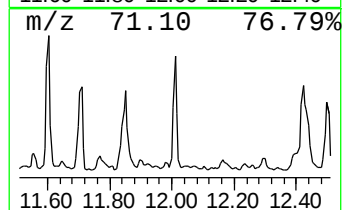
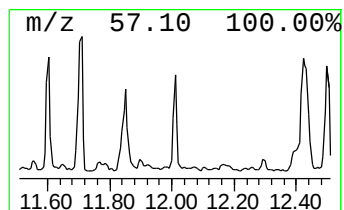
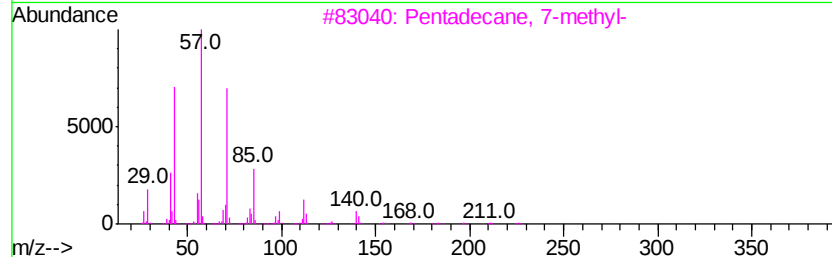
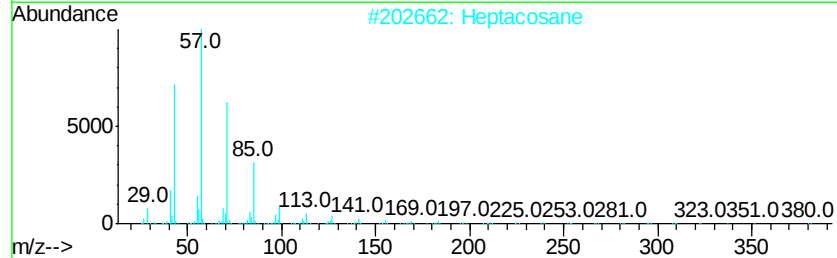
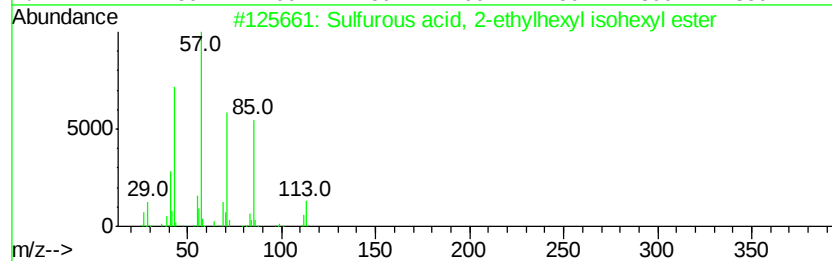
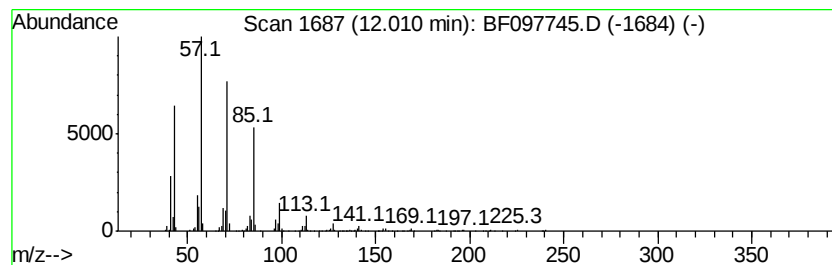
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Sulfurous acid, 2-ethylhexy... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	9.13 ng	525678	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	80
2		Heptacosane	380	C27H56	000593-49-7	80
3		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	80
4		Decane, 5-propyl-	184	C13H28	017312-62-8	72
5		Heneicosane	296	C21H44	000629-94-7	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
Data File : BF097745.D
Acq On : 16 Aug 2017 18:11
Operator : SJ/JU
Sample : I4793-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

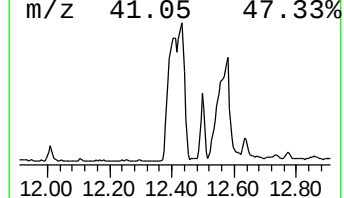
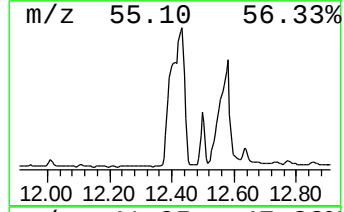
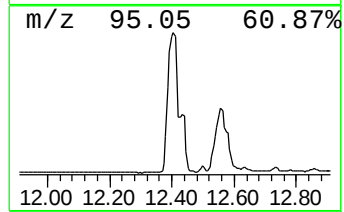
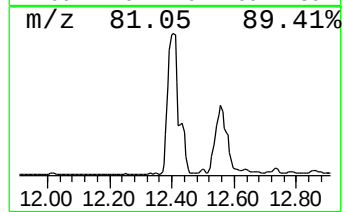
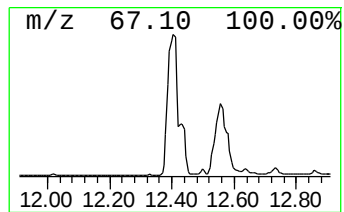
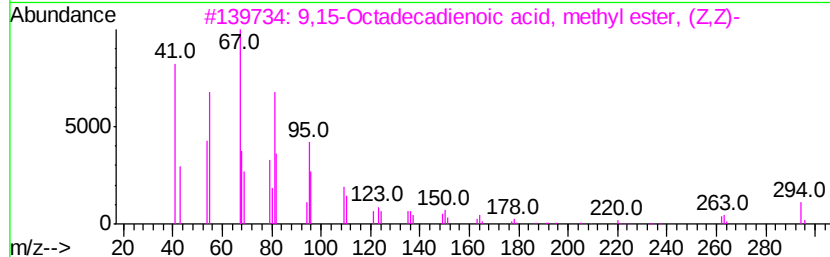
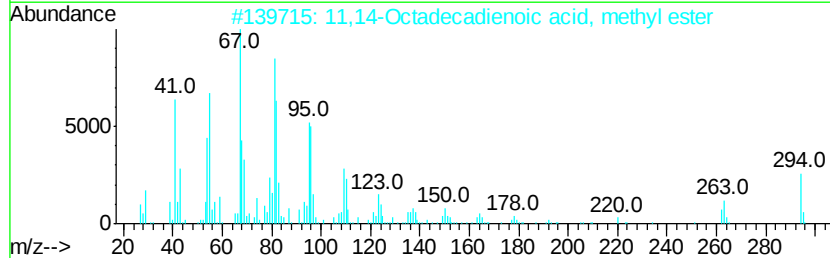
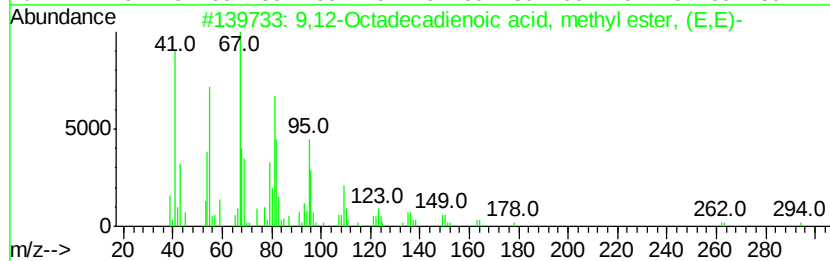
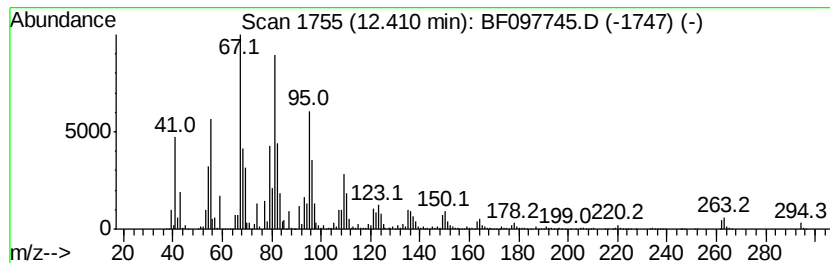
Instrument :
BNA_F
ClientSampleId :
EO-02-081417-A

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.41	214.43 ng	12344200	Phenanthrene-d10	11.30	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methv...	294	C19H34O2	002566-97-4	98
2	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	98
3	9,15-Octadecadienoic acid, methv...	294	C19H34O2	017309-05-6	97
4	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	97
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	97



Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
Data File : BF097745.D
Acq On : 16 Aug 2017 18:11
Operator : SJ/JU
Sample : I4793-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-081417-A

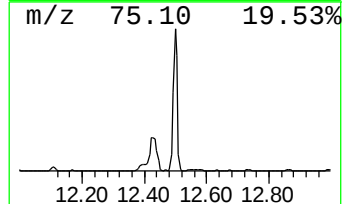
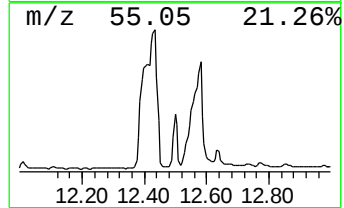
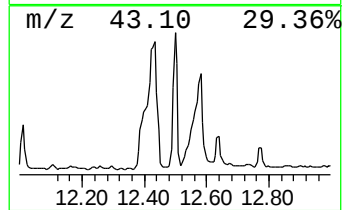
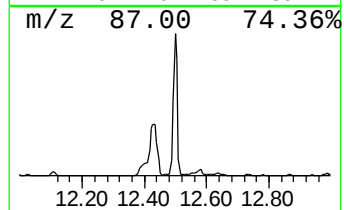
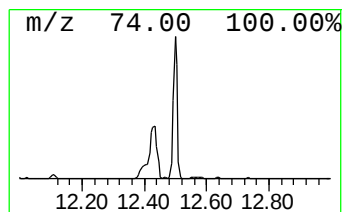
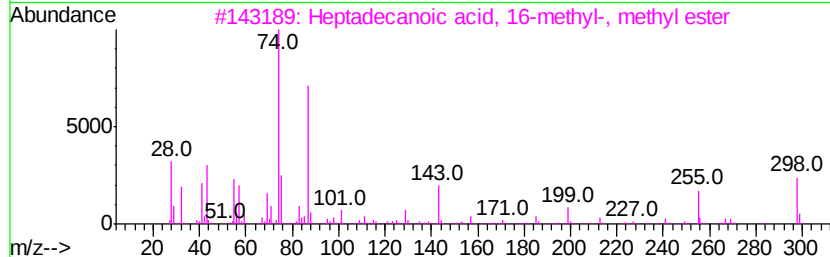
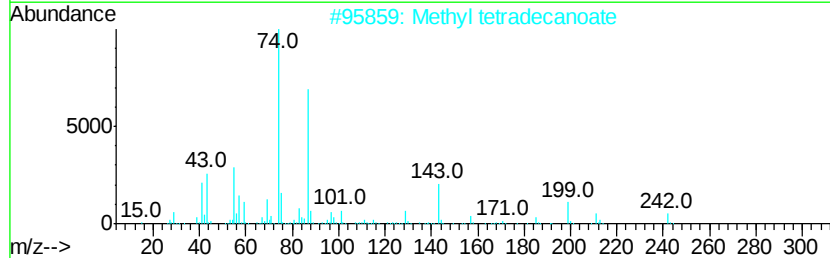
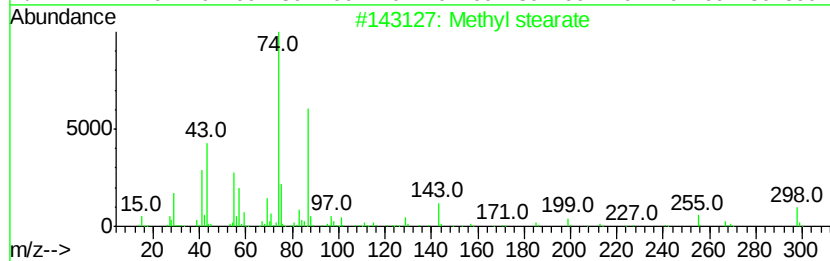
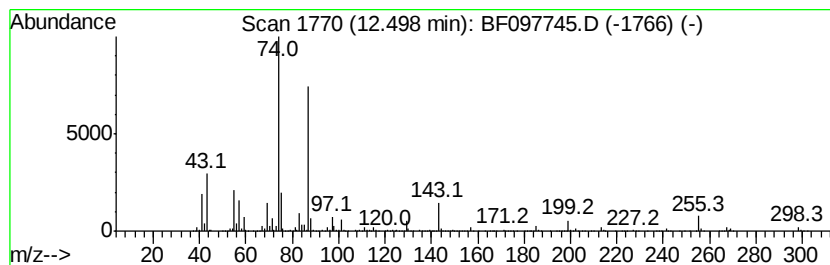
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Methyl stearate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	56.06 ng	3227150	Phenanthrene-d10	11.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Methyl stearate	298	C19H38O2	000112-61-8	97
2		Methyl tetradecanoate	242	C15H30O2	000124-10-7	94
3		Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	91
4		Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	91
5		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081617\
Data File : BF097745.D
Acq On : 16 Aug 2017 18:11
Operator : SJ/JU
Sample : I4793-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-081417-A

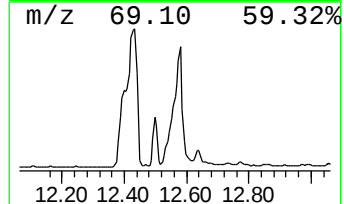
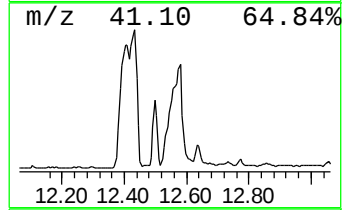
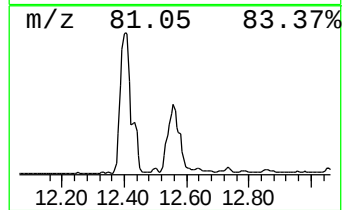
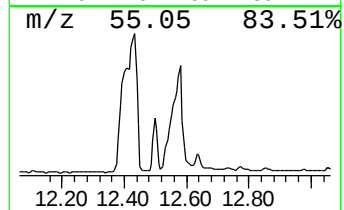
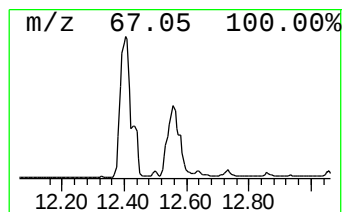
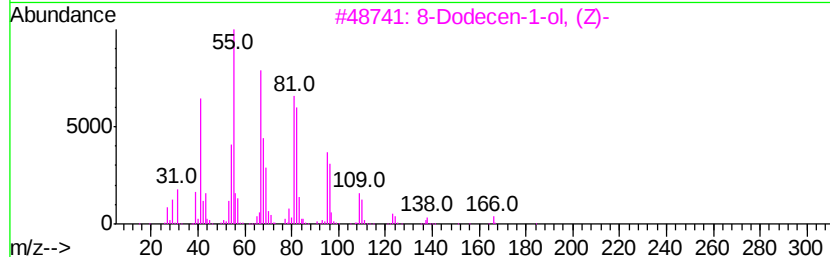
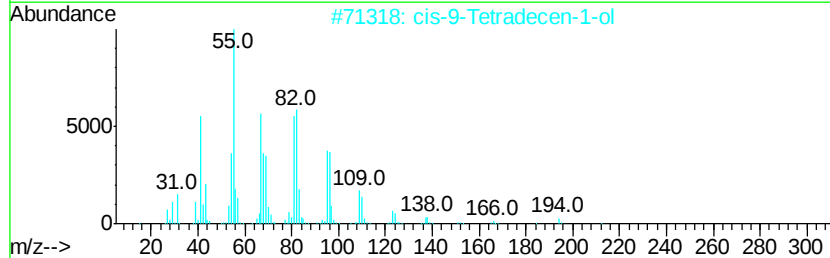
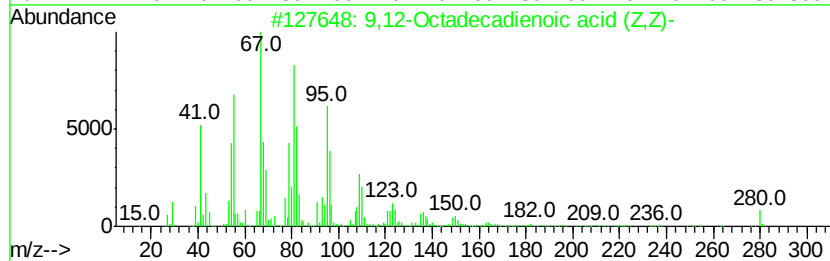
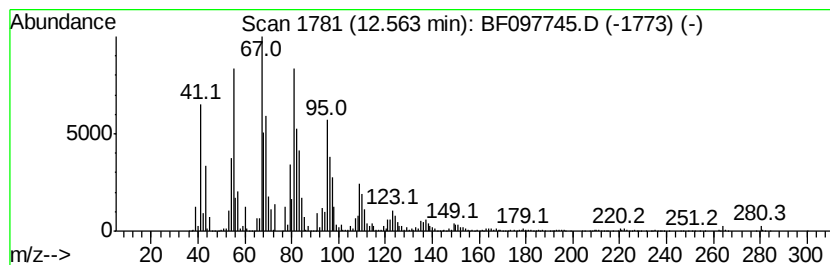
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 9,12-Octadecadienoic acid (... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	112.91 ng	6499960	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	99
2		cis-9-Tetradecen-1-ol	212	C14H28O	035153-15-2	86
3		8-Dodecen-1-ol, (Z)-	184	C12H24O	040642-40-8	81
4		13-Oxabicyclo[10.1.0]tridecane	182	C12H22O	000286-99-7	78
5		2-Methyl-Z,Z-3,13-octadecadienol	280	C19H36O	1000130-90-5	78



Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
Data File : BF097745.D
Acq On : 16 Aug 2017 18:11
Operator : SJ/JU
Sample : I4793-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

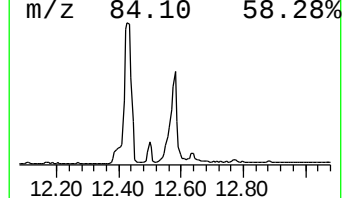
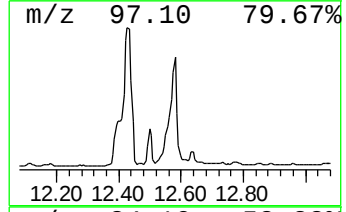
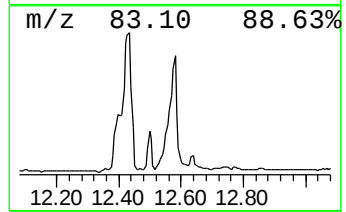
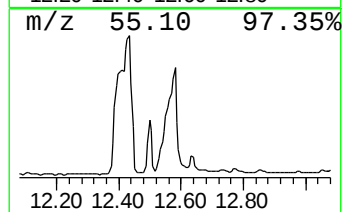
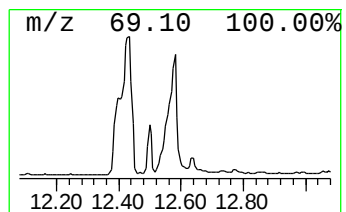
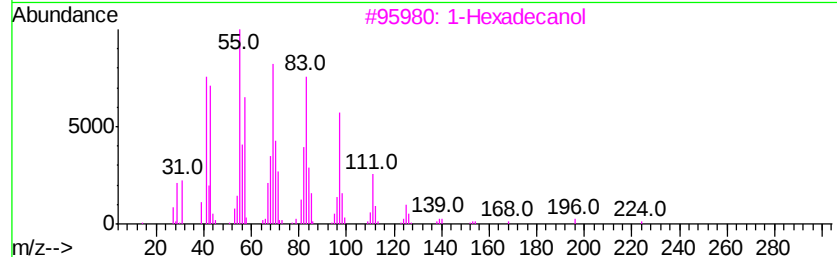
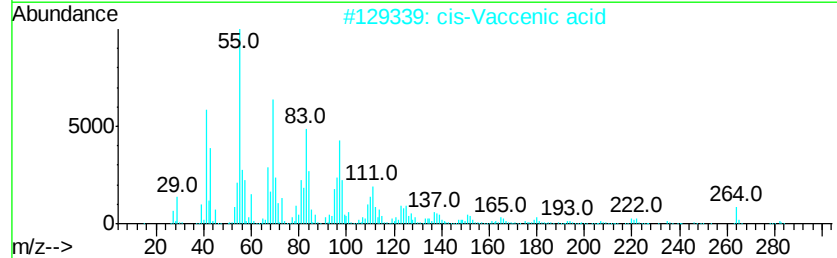
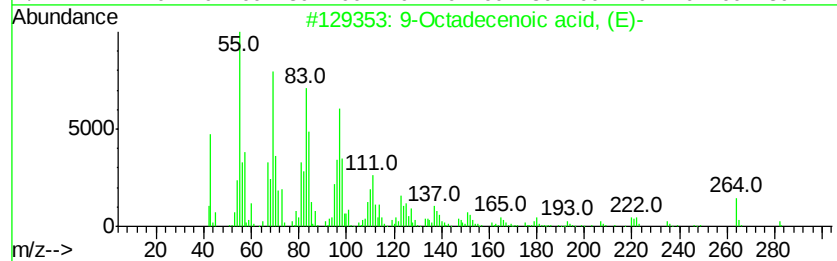
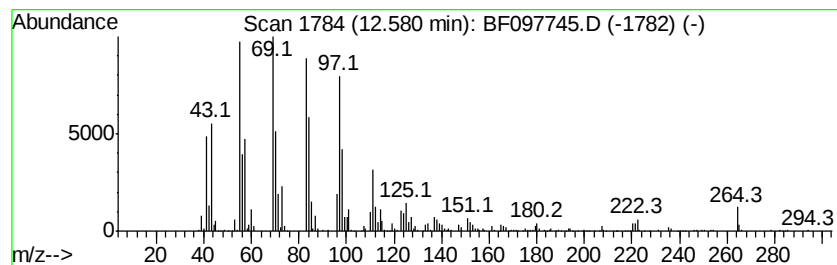
Instrument :
BNA_F
ClientSampleId :
EO-02-081417-A

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9-Octadecenoic acid, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.58	75.81 ng	4363990	Phenanthrene-d10	11.30	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	74
2	cis-Vaccenic acid	282	C18H34O2	000506-17-2	64
3	1-Hexadecanol	242	C16H34O	036653-82-4	64
4	4-Undecene, 4-methyl-, (Z)-	168	C12H24	074630-57-2	49
5	n-Pentadecanol	228	C15H32O	000629-76-5	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081617\
Data File : BF097745.D
Acq On : 16 Aug 2017 18:11
Operator : SJ/JU
Sample : I4793-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-081417-A

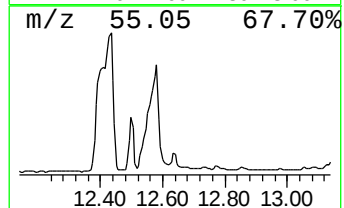
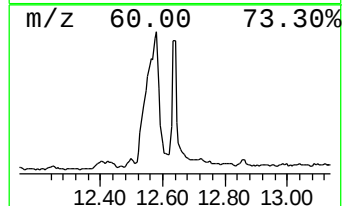
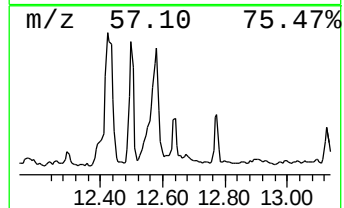
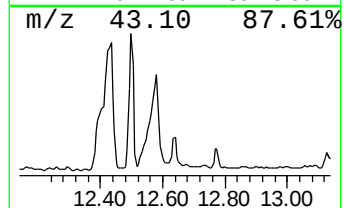
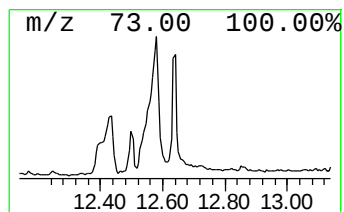
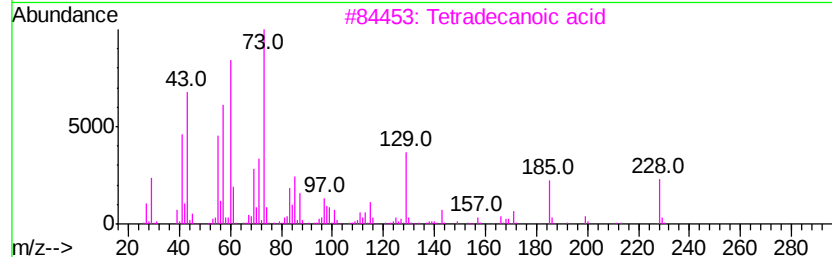
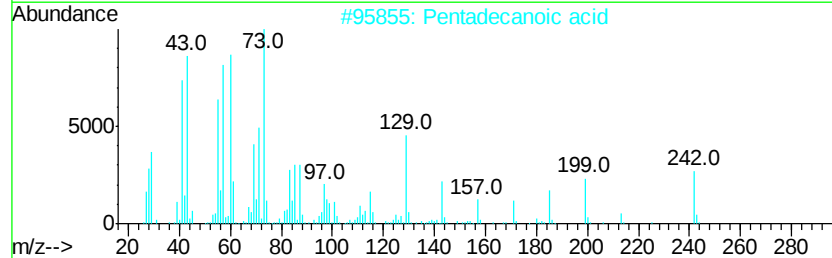
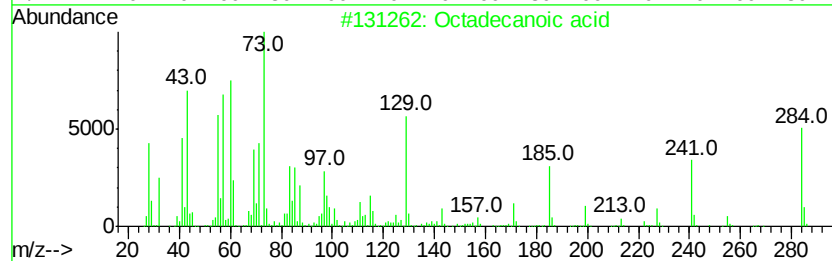
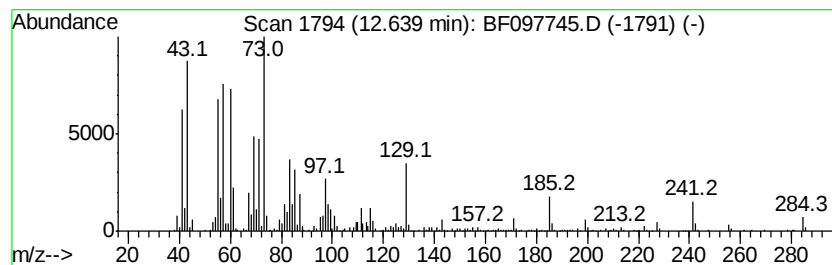
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	21.80 ng	1028040	Chrysene-d12	13.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	76
4		Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	72
5		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081617\
Data File : BF097745.D
Acq On : 16 Aug 2017 18:11
Operator : SJ/JU
Sample : I4793-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
EO-02-081417-A

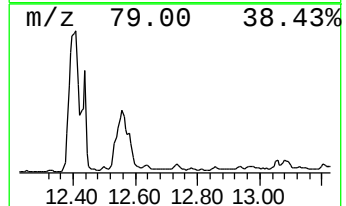
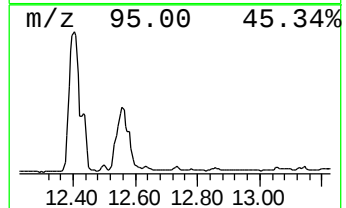
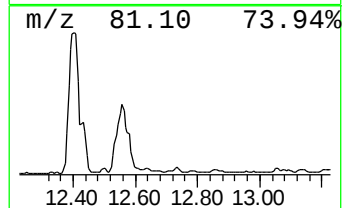
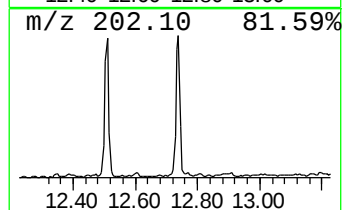
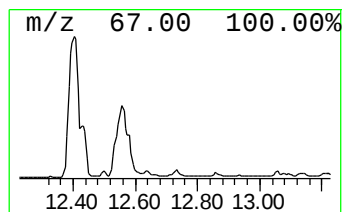
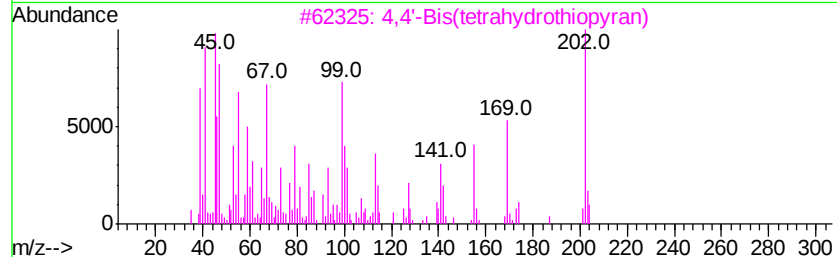
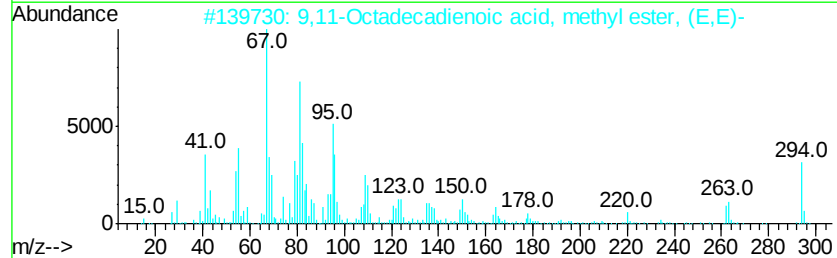
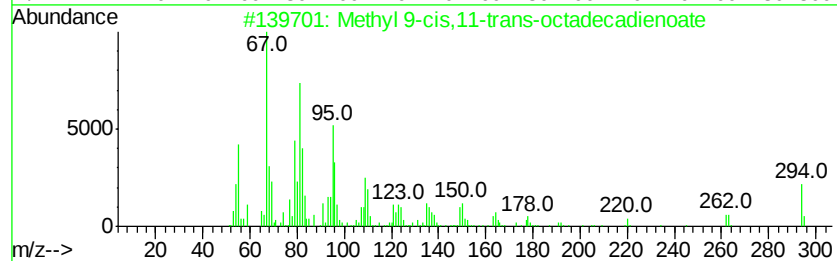
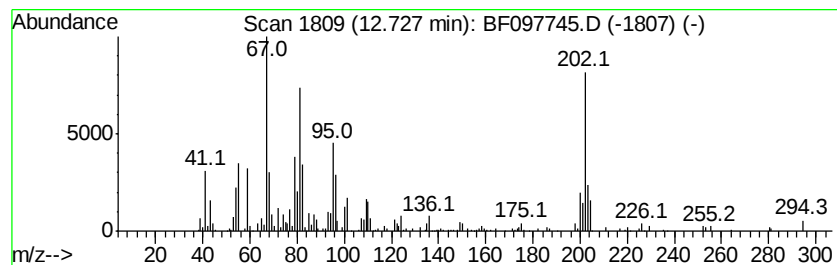
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Methyl 9-cis,11-trans-octadecadi... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	7.45 ng	351461	Chrysene-d12	13.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	91
2			9,11-Octadecadienoic acid, methy...	294	C19H34O2	013038-47-6	91
3			4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	86
4			Fluoranthene	202	C16H10	000206-44-0	70
5			Pyrene	202	C16H10	000129-00-0	55



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081617\
Data File : BF097745.D
Acq On : 16 Aug 2017 18:11
Operator : SJ/JU
Sample : I4793-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-081417-A

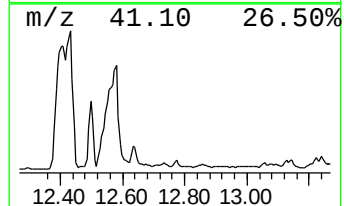
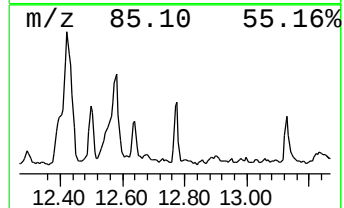
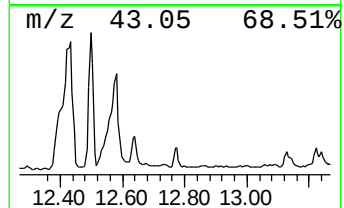
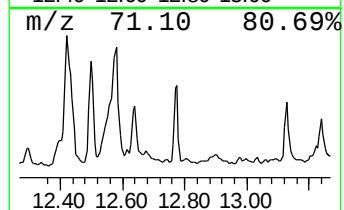
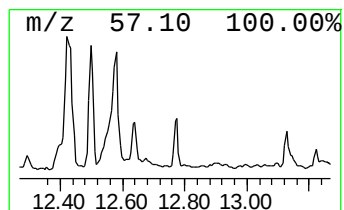
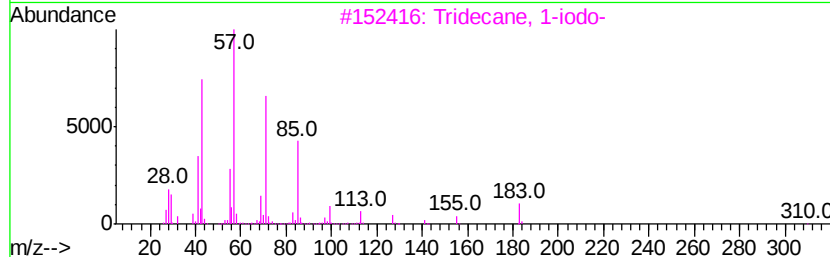
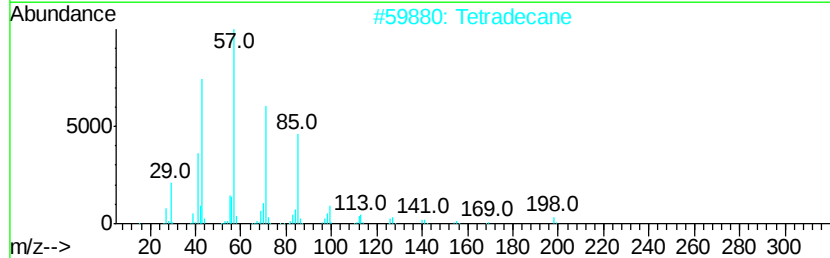
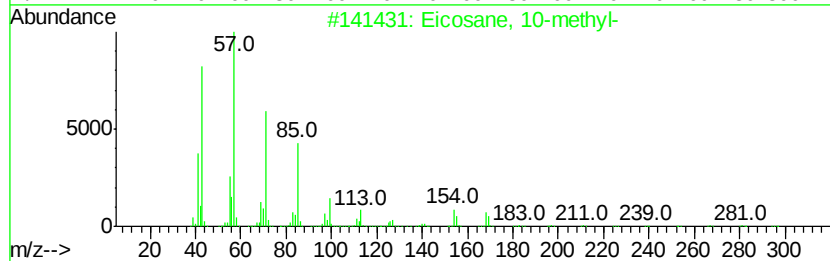
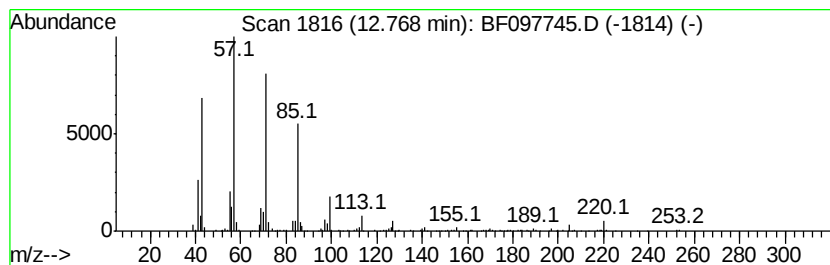
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Eicosane, 10-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	7.31 ng	344837	Chrysene-d12	13.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
2			Tetradecane	198	C14H30	000629-59-4	90
3			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
4			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5			Heptacosane	380	C27H56	000593-49-7	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
Data File : BF097745.D
Acq On : 16 Aug 2017 18:11
Operator : SJ/JU
Sample : I4793-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-081417-A

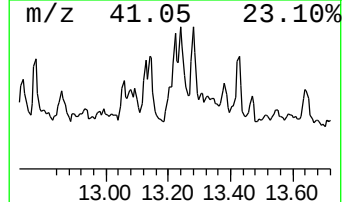
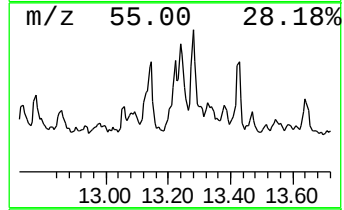
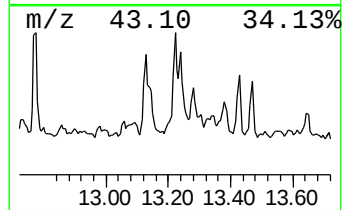
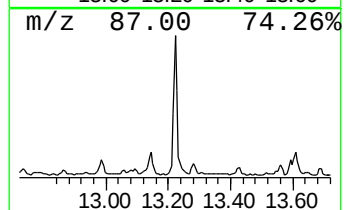
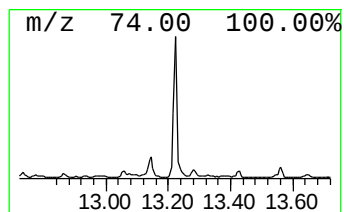
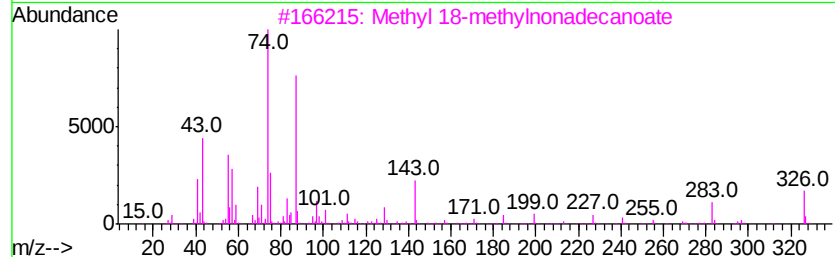
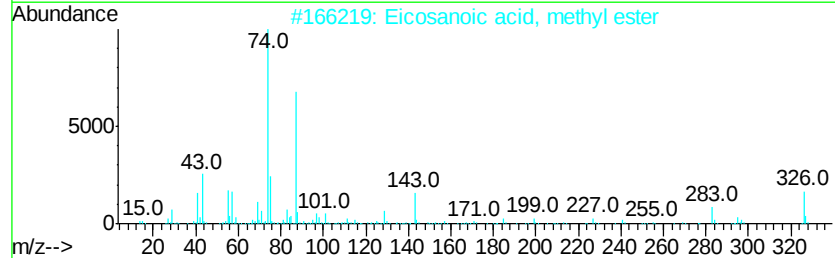
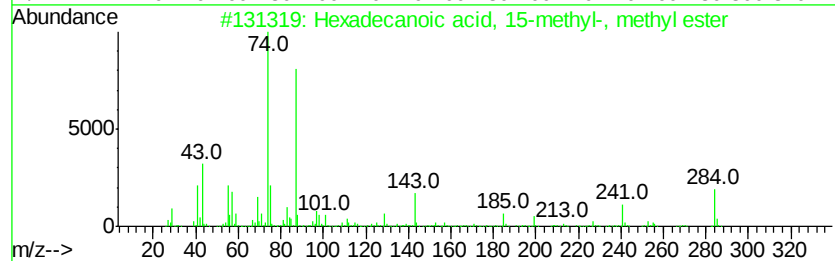
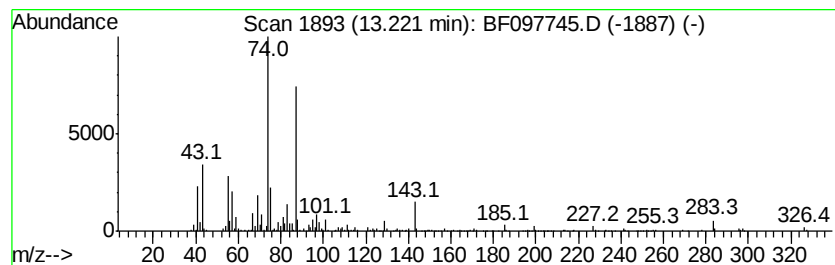
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexadecanoic acid, 15-methy... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	14.79 ng	697505	Chrysene-d12	13.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	97
2		Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	96
3		Methyl 18-methylnonadecanoate	326	C21H42O2	1000352-20-6	90
4		Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	87
5		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081617\
Data File : BF097745.D
Acq On : 16 Aug 2017 18:11
Operator : SJ/JU
Sample : I4793-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

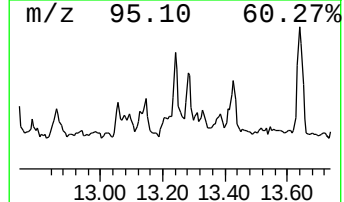
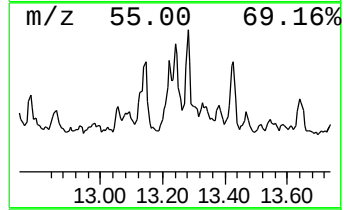
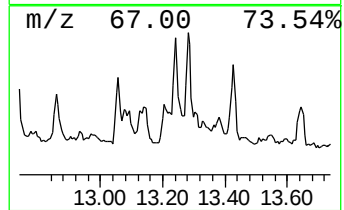
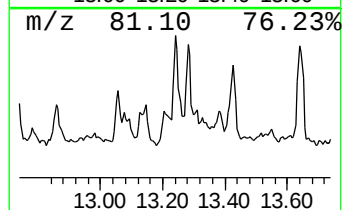
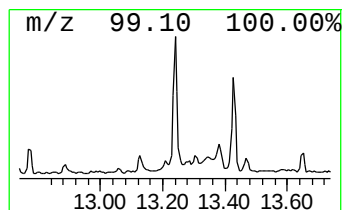
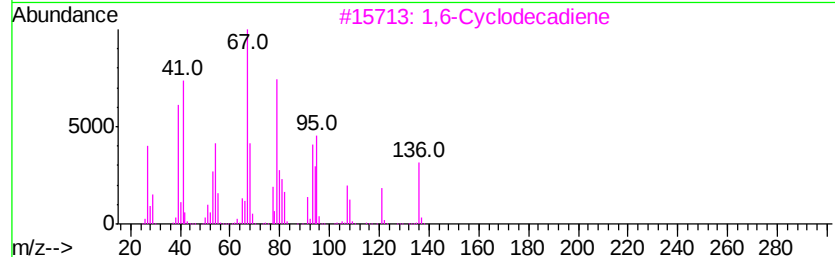
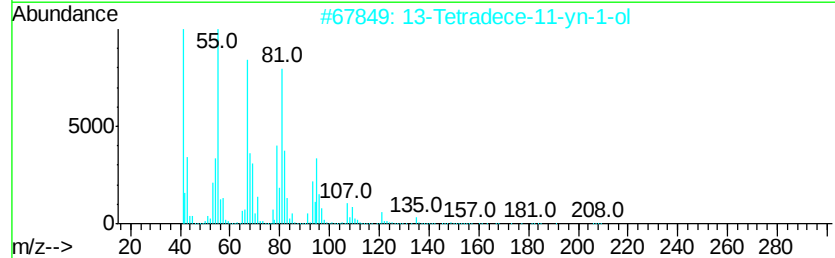
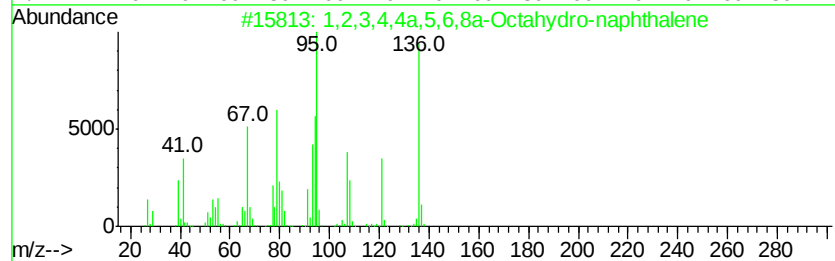
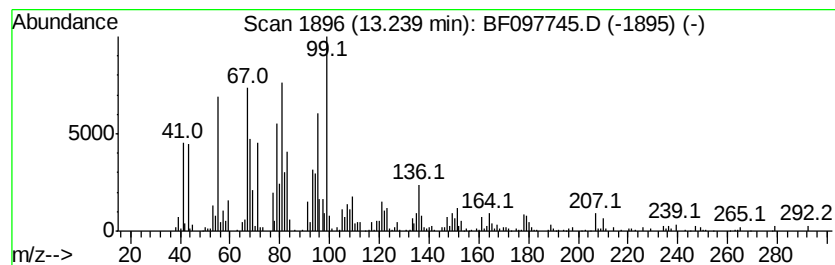
Instrument :
BNA_F
ClientSampled :
EO-02-081417-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1,2,3,4,4a,5,6,8a-Octahydro... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.24	8.02 ng	378158	Chrysene-d12	13.93	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3,4,4a,5,6,8a-Octahydro-naph...	136	C10H16	031244-58-3	86
2	13-Tetradec-11-yn-1-ol	208	C14H24O	1000131-00-4	52
3	1,6-Cyclodecadiene	136	C10H16	007049-13-0	49
4	1,5-Cyclodecadiene, (E,Z)-	136	C10H16	001124-78-3	42
5	9,12-Tetradecadien-1-ol, acetate...	252	C16H28O2	031654-77-0	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
Data File : BF097745.D
Acq On : 16 Aug 2017 18:11
Operator : SJ/JU
Sample : I4793-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-081417-A

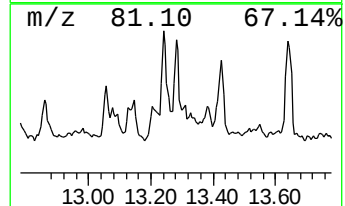
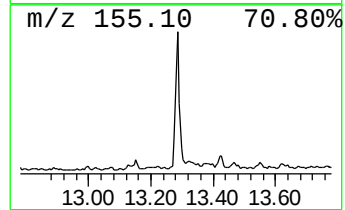
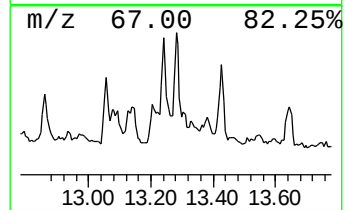
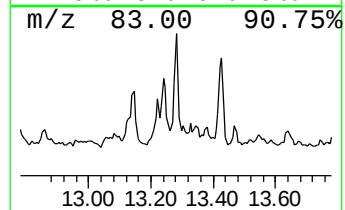
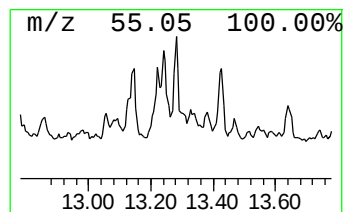
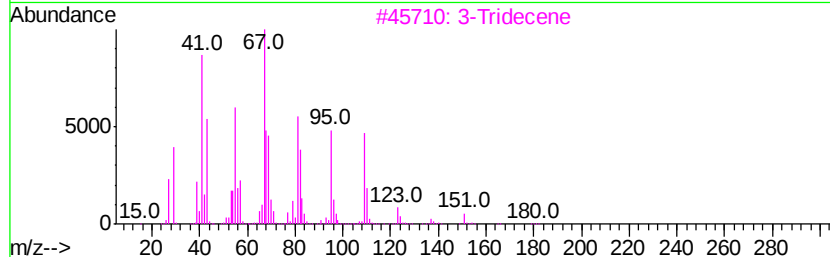
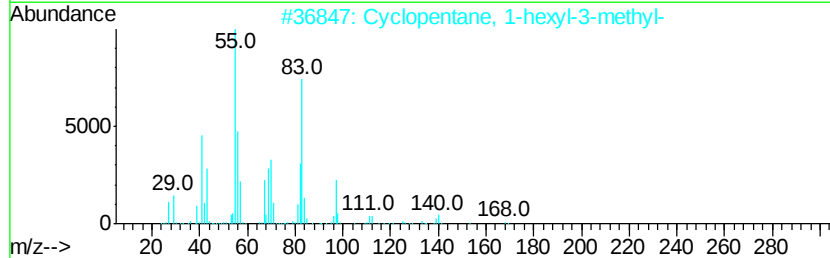
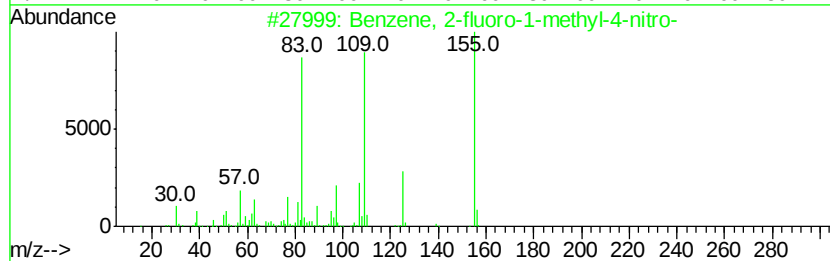
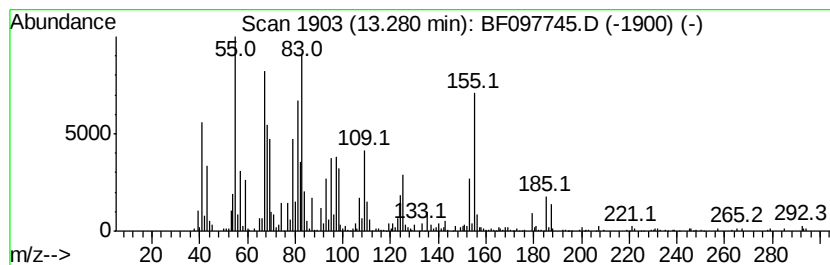
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown13.28 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	7.98 ng	376583	Chrysene-d12	13.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-fluoro-1-methyl-4-nitro-	155	C7H6FN02	001427-07-2	30
2		Cyclopentane, 1-hexyl-3-methyl-	168	C12H24	061142-68-5	30
3		3-Tridecene	180	C13H24	060186-78-9	27
4		3-Fluoro-4-nitrotoluene	155	C7H6FN02	000446-34-4	25
5		2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081617\
Data File : BF097745.D
Acq On : 16 Aug 2017 18:11
Operator : SJ/JU
Sample : I4793-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-081417-A

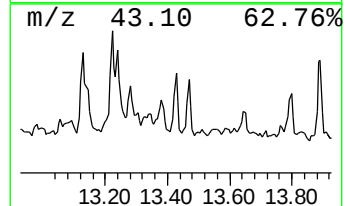
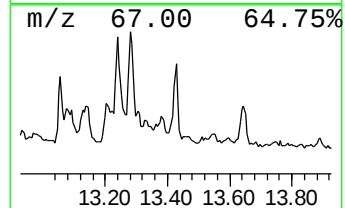
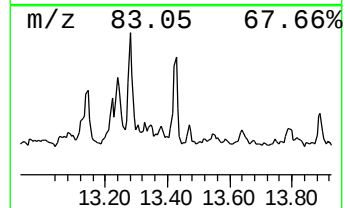
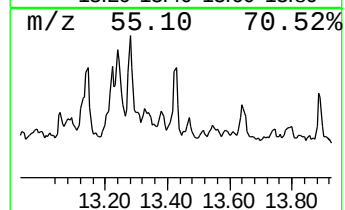
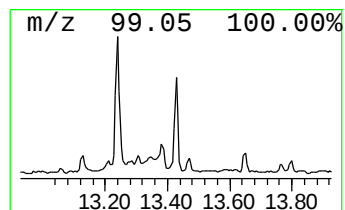
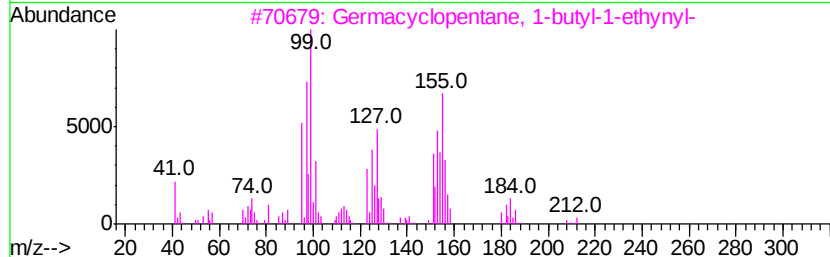
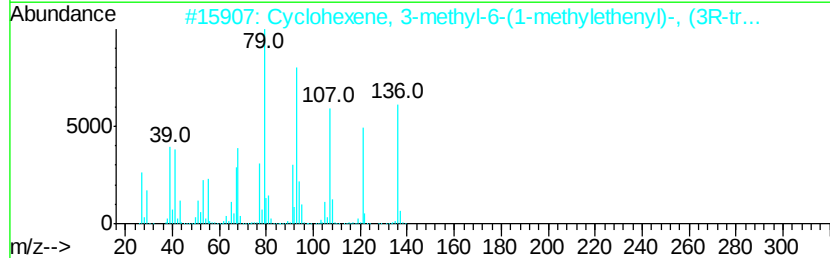
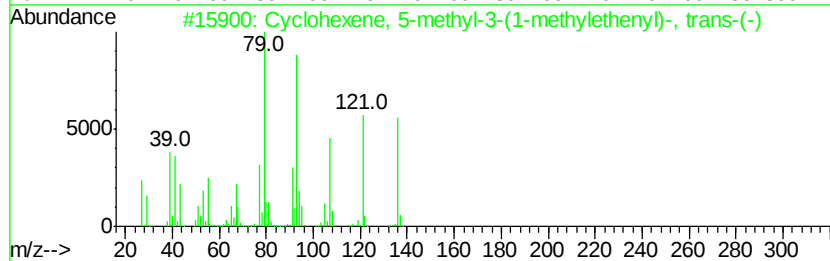
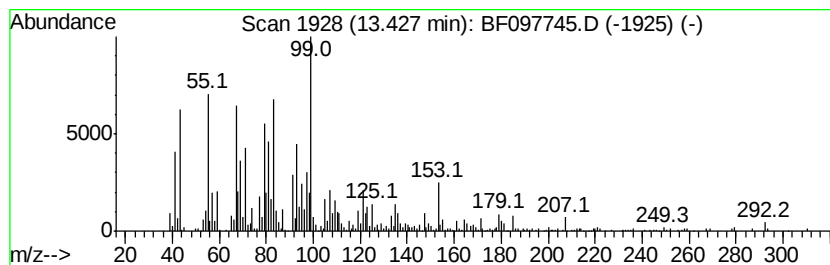
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown13.43 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	9.84 ng	464011	Chrysene-d12	13.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene, 5-methyl-3-(1-methyl-...	136	C10H16	056816-08-1	30
2			Cyclohexene, 3-methyl-6-(1-methyl-...	136	C10H16	005113-87-1	25
3			Germacyclopentane, 1-butyl-1-eth...	212	C10H18Ge	004554-80-7	25
4			6-Tridecenoic acid, 13-(2-cyclop...	292	C19H32O2	024828-60-2	25
5			Bicyclo[10.1.0]tridec-1-ene	178	C13H22	054766-91-5	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081617\
 Data File : BF097745.D
 Acq On : 16 Aug 2017 18:11
 Operator : SJ/JU
 Sample : I4793-01 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-081417-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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
unknown6.54	6.54	14.1	ng	770652	1	6.78	1094070	20.0
Decane, 2,3,5-tri...	10.26	9.8	ng	732867	3	9.82	1497510	20.0
Tridecane, 6-propyl-	10.73	17.5	ng	1009370	4	11.30	1151360	20.0
Heneicosane	11.17	12.0	ng	689466	4	11.30	1151360	20.0
Tetracosane	11.60	9.0	ng	520133	4	11.30	1151360	20.0
Hexadecanoic acid...	11.71	94.3	ng	5430480	4	11.30	1151360	20.0
n-Hexadecanoic acid	11.85	30.4	ng	1747130	4	11.30	1151360	20.0
Sulfurous acid, 2...	12.01	9.1	ng	525678	4	11.30	1151360	20.0
9,12-Octadecadien...	12.41	214.4	ng	12344200	4	11.30	1151360	20.0
Methyl stearate	12.50	56.1	ng	3227150	4	11.30	1151360	20.0
9,12-Octadecadien...	12.56	112.9	ng	6499960	4	11.30	1151360	20.0
9-Octadecenoic ac...	12.58	75.8	ng	4363990	4	11.30	1151360	20.0
Octadecanoic acid	12.64	21.8	ng	1028040	5	13.93	943310	20.0
Methyl 9-cis,11-t...	12.73	7.5	ng	351461	5	13.93	943310	20.0
Eicosane, 10-methyl-	12.77	7.3	ng	344837	5	13.93	943310	20.0
Hexadecanoic acid...	13.22	14.8	ng	697505	5	13.93	943310	20.0
1,2,3,4,4a,5,6,8a...	13.24	8.0	ng	378158	5	13.93	943310	20.0
unknown13.28	13.28	8.0	ng	376583	5	13.93	943310	20.0
unknown13.43	13.43	9.8	ng	464011	5	13.93	943310	20.0