

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
 Data File : BF098612.D
 Acq On : 18 Sep 2017 19:59
 Operator : SJ/JU
 Sample : I5265-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3D46

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-BF091117.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	4.816	461	464	482	rVB	234584	389418	11.82%	0.822%
2	5.245	533	537	555	rBV	3094161	3164931	96.11%	6.678%
3	6.292	710	715	718	rBV	2924698	3119832	94.74%	6.583%
4	6.410	730	735	738	rBV	3607423	3220561	97.79%	6.796%
5	6.634	769	773	779	rBV	812058	700669	21.28%	1.479%
6	6.787	795	799	803	rBV	2228799	2073479	62.96%	4.375%
7	7.204	865	870	873	rBV	1871023	1915825	58.18%	4.043%
8	7.916	986	991	994	rBV	1125831	912628	27.71%	1.926%
9	8.345	1059	1064	1072	rVB	37527	54295	1.65%	0.115%
10	8.939	1159	1165	1169	rBV3	42330	45727	1.39%	0.096%
11	8.992	1169	1174	1177	rBV	3284503	2996367	90.99%	6.323%
12	9.075	1185	1188	1192	rBV3	45229	48553	1.47%	0.102%
13	9.145	1197	1200	1206	rBV	67765	72843	2.21%	0.154%
14	9.286	1221	1224	1228	rVB	49715	45078	1.37%	0.095%
15	9.392	1238	1242	1249	rVB	468251	395132	12.00%	0.834%
16	9.575	1269	1273	1276	rBV	46137	52897	1.61%	0.112%
17	9.604	1276	1278	1280	rVV	89967	72663	2.21%	0.153%
18	9.669	1284	1289	1291	rVV	991887	971724	29.51%	2.050%
19	9.686	1291	1292	1300	rVB3	119740	178494	5.42%	0.377%
20	9.828	1312	1316	1320	rBV5	20285	35571	1.08%	0.075%
21	10.104	1359	1363	1365	rVB2	69314	69875	2.12%	0.147%
22	10.322	1397	1400	1403	rVB	54151	53296	1.62%	0.112%
23	10.457	1417	1423	1426	rBV	1760300	1577864	47.91%	3.330%
24	10.575	1440	1443	1448	rBV2	134044	206330	6.27%	0.435%
25	10.763	1473	1475	1482	rBV6	37074	46775	1.42%	0.099%
26	10.822	1482	1485	1488	rBV3	77286	79431	2.41%	0.168%
27	10.904	1495	1499	1501	rBV5	33326	53595	1.63%	0.113%
28	11.022	1516	1519	1521	rBV	75525	63448	1.93%	0.134%
29	11.045	1521	1523	1528	rVB	56154	58937	1.79%	0.124%
30	11.151	1537	1541	1543	rBV	827924	764080	23.20%	1.612%
31	11.169	1543	1544	1548	rVB	71963	72116	2.19%	0.152%
32	11.380	1578	1580	1582	rBV3	41088	36250	1.10%	0.076%
33	11.445	1589	1591	1593	rBV	63938	55324	1.68%	0.117%
34	12.245	1723	1727	1730	rVB	2370806	2130382	64.69%	4.495%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091817\
 Data File : BF098612.D
 Acq On : 18 Sep 2017 19:59
 Operator : SJ/JU
 Sample : I5265-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3D46

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-BF091117.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.363	1745	1747	1752	rVB	99870	86902	2.64%	0.183%
36	12.522	1771	1774	1777	rVB	111383	102581	3.11%	0.216%
37	12.586	1783	1785	1787	rBV	46799	48650	1.48%	0.103%
38	12.610	1787	1789	1792	rVB	458380	357518	10.86%	0.754%
39	12.733	1806	1810	1813	rBV	2280111	2012591	61.11%	4.247%
40	12.945	1843	1846	1847	rBV2	147580	156572	4.75%	0.330%
41	12.969	1847	1850	1853	rVB	2740933	2326500	70.65%	4.909%
42	13.110	1871	1874	1877	rVB3	66524	74134	2.25%	0.156%
43	13.157	1877	1882	1884	rVV3	140183	194005	5.89%	0.409%
44	13.210	1888	1891	1893	rVB3	52203	46880	1.42%	0.099%
45	13.304	1903	1907	1913	rVB	253727	281439	8.55%	0.594%
46	13.368	1916	1918	1922	rVB	143710	116403	3.53%	0.246%
47	13.427	1925	1928	1929	rBV2	56838	59442	1.81%	0.125%
48	13.633	1957	1963	1970	rBV2	2785867	3293177	100.00%	6.949%
49	13.686	1970	1972	1978	rVB2	66295	74358	2.26%	0.157%
50	13.751	1981	1983	1985	rBV3	35243	35609	1.08%	0.075%
51	13.786	1985	1989	1992	rBV	628352	604516	18.36%	1.276%
52	13.951	2013	2017	2024	rBV	358858	451855	13.72%	0.953%
53	14.074	2035	2038	2040	rBV	88004	87582	2.66%	0.185%
54	14.263	2066	2070	2076	rBV	2814312	3165746	96.13%	6.680%
55	14.316	2076	2079	2088	rVB2	164476	212590	6.46%	0.449%
56	14.551	2116	2119	2120	rBV	125722	135335	4.11%	0.286%
57	14.568	2120	2122	2127	rVB3	186495	246481	7.48%	0.520%
58	14.680	2138	2141	2147	rVB	100164	113147	3.44%	0.239%
59	14.880	2171	2175	2181	rVB	1328395	1542494	46.84%	3.255%
60	14.927	2181	2183	2190	rVB	97020	101675	3.09%	0.215%
61	15.180	2222	2226	2231	rBV	444720	605413	18.38%	1.278%
62	15.227	2231	2234	2238	rVB	119200	142098	4.31%	0.300%
63	15.374	2256	2259	2265	rVB2	154519	204213	6.20%	0.431%
64	15.586	2290	2295	2298	rBV	133244	202327	6.14%	0.427%
65	15.633	2298	2303	2310	rVV	1239324	1852718	56.26%	3.910%
66	16.027	2366	2370	2376	rVB3	47582	60031	1.82%	0.127%
67	16.286	2410	2414	2420	rVB5	70378	121616	3.69%	0.257%
68	16.639	2467	2474	2481	rBV4	145337	361014	10.96%	0.762%
69	16.992	2530	2534	2541	rVB8	58624	119645	3.63%	0.252%
70	17.474	2610	2616	2624	rVB7	99196	214203	6.50%	0.452%
71	17.621	2637	2641	2646	rBV7	23913	42836	1.30%	0.090%

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
Data File : BF098612.D
Acq On : 18 Sep 2017 19:59
Operator : SJ/JU
Sample : I5265-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3D46

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-BF091117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	17.692	2647	2653	2667	rVB7	143787	372077	11.30%	0.785%
73	18.662	2810	2818	2830	rBV5	150286	493340	14.98%	1.041%
74	18.827	2836	2846	2857	rVB3	317972	935846	28.42%	1.975%

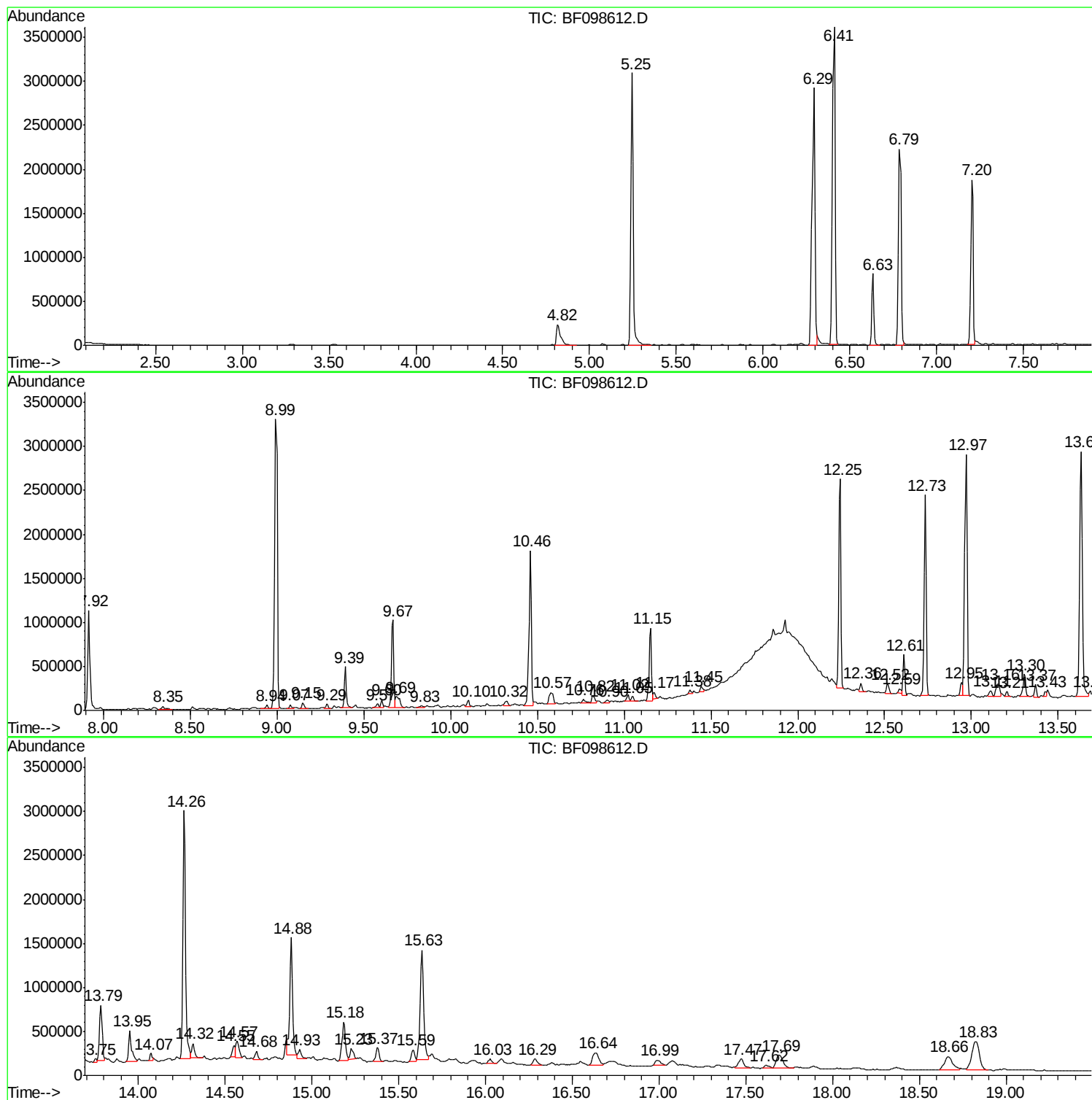
Sum of corrected areas: 47389949

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091817\
Data File : BF098612.D
Acq On : 18 Sep 2017 19:59
Operator : SJ/JU
Sample : I5265-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
TP-3D46

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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\BF091817\
Data File : BF098612.D
Acq On : 18 Sep 2017 19:59
Operator : SJ/JU
Sample : I5265-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3D46

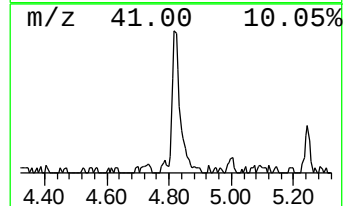
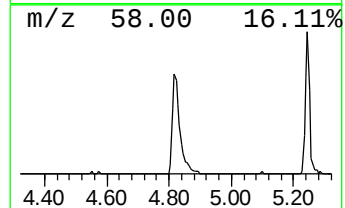
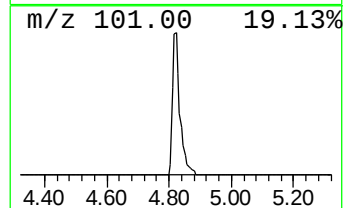
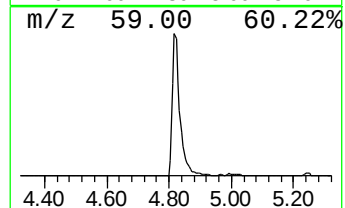
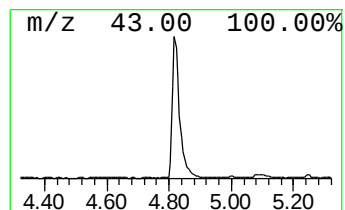
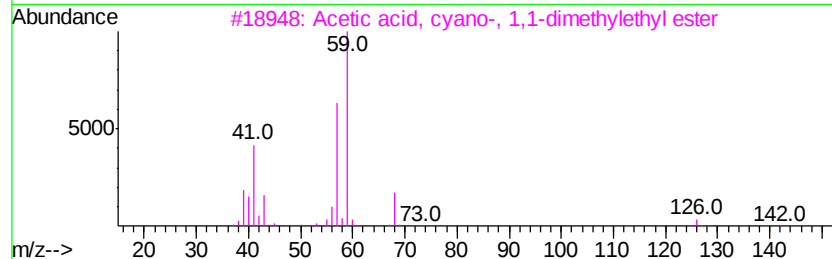
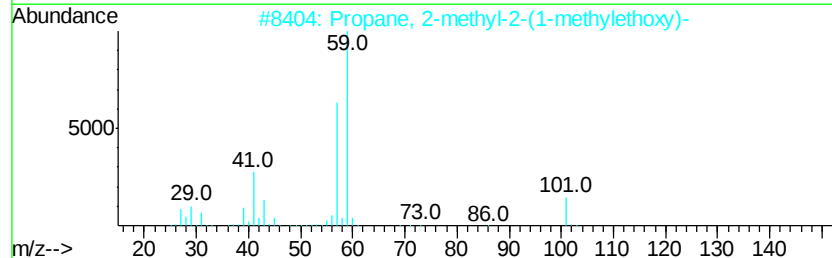
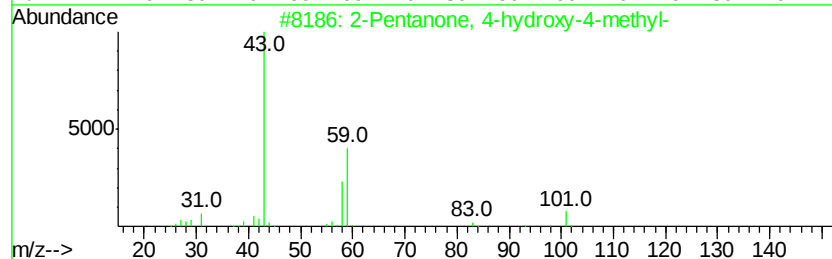
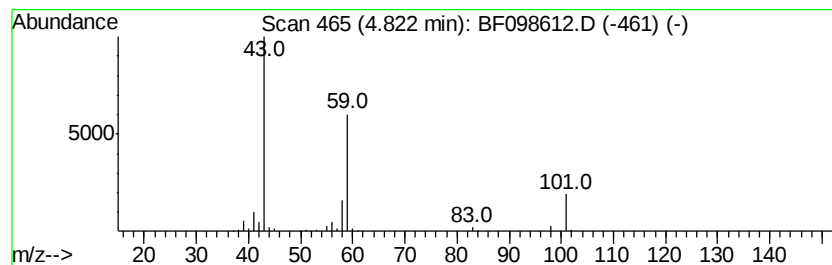
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.82	11.12 ng	389418	1,4-Dichlorobenzene-d4	6.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		Propane, 2-methyl-2-(1-methylethyl-)	116	C7H16O	017348-59-3	36
3		Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	25
4		Acetic acid, 1,1-dimethylethyl ester	116	C6H12O2	000540-88-5	25
5		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10



Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
Data File : BF098612.D
Acq On : 18 Sep 2017 19:59
Operator : SJ/JU
Sample : I5265-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3D46

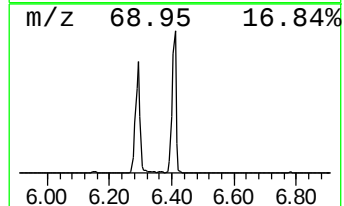
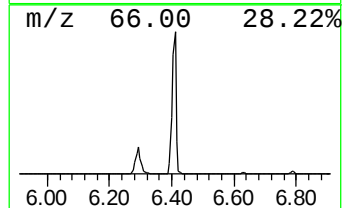
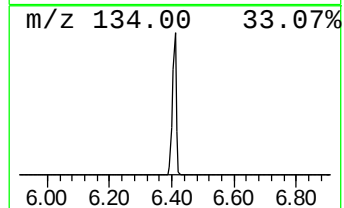
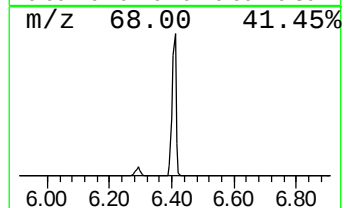
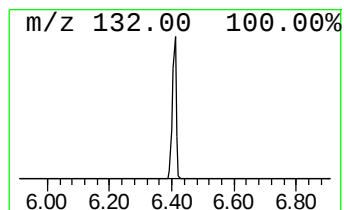
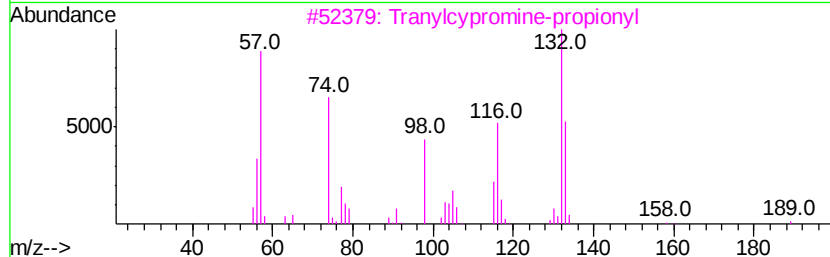
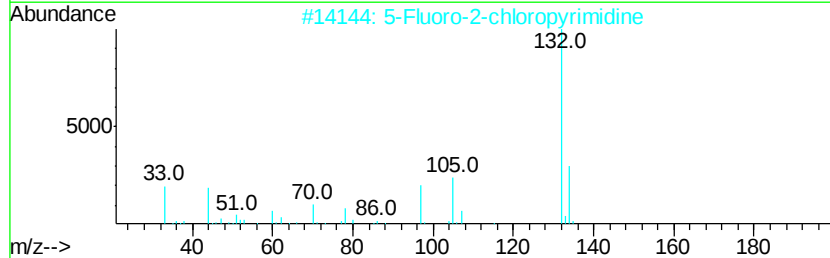
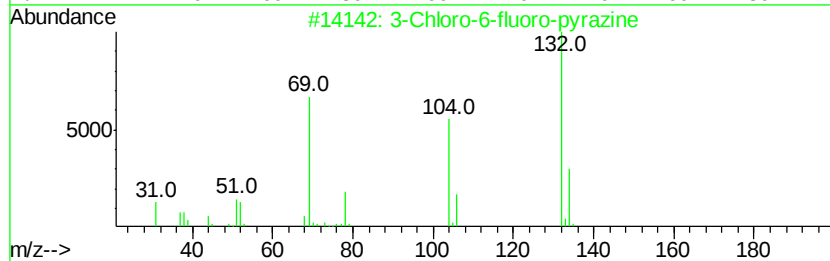
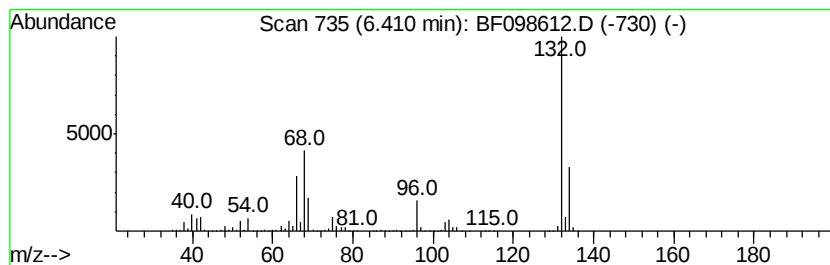
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.41 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	91.93 ng	3220560	1,4-Dichlorobenzene-d4	6.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9
5		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
Data File : BF098612.D
Acq On : 18 Sep 2017 19:59
Operator : SJ/JU
Sample : I5265-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3D46

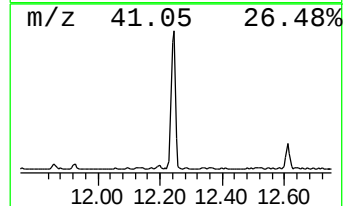
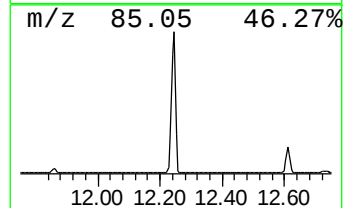
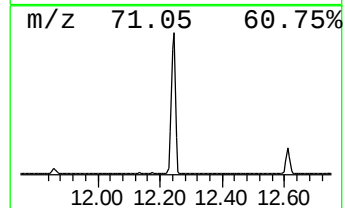
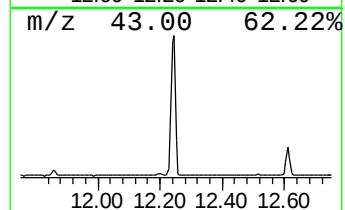
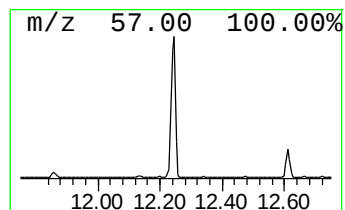
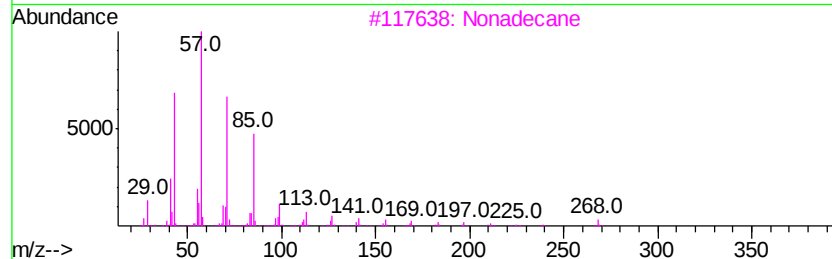
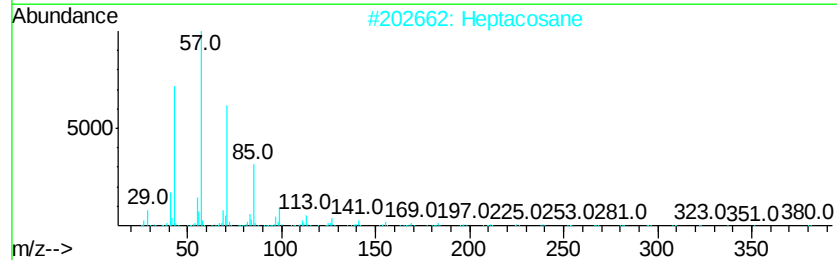
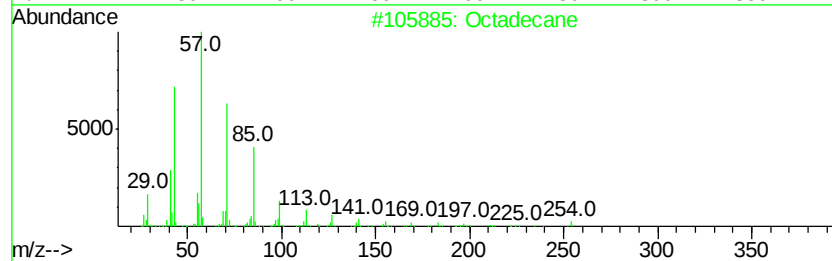
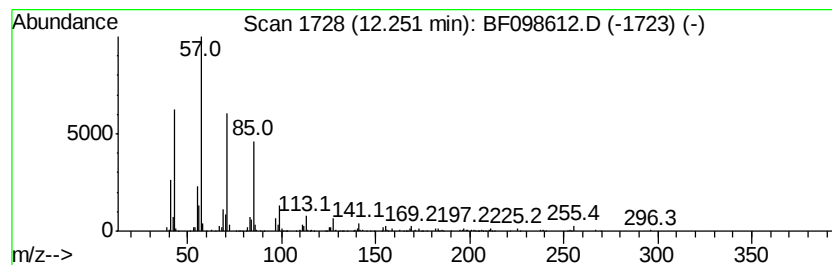
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Octadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	55.76 ng	2130380	Phenanthrene-d10	11.15

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane		254	C18H38	000593-45-3	93
2	Heptacosane		380	C27H56	000593-49-7	91
3	Nonadecane		268	C19H40	000629-92-5	91
4	Heneicosane		296	C21H44	000629-94-7	90
5	Eicosane		282	C20H42	000112-95-8	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091817\
Data File : BF098612.D
Acq On : 18 Sep 2017 19:59
Operator : SJ/JU
Sample : I5265-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3D46

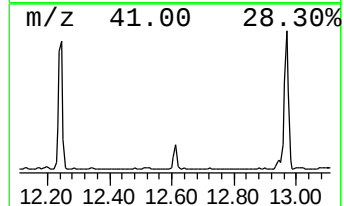
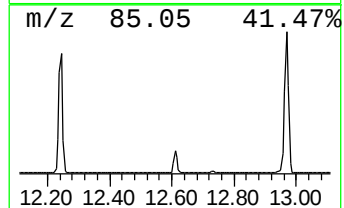
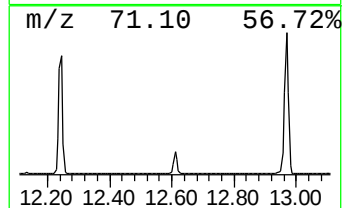
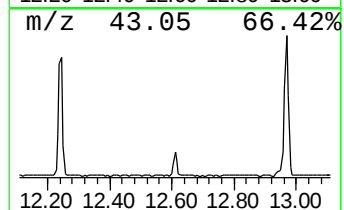
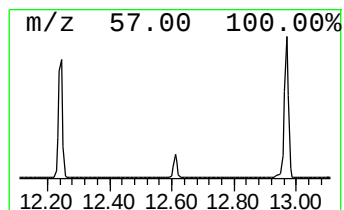
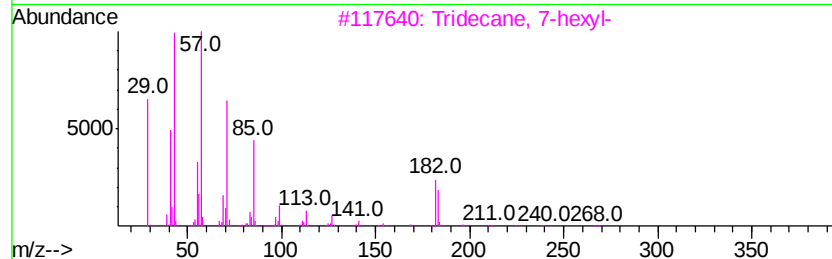
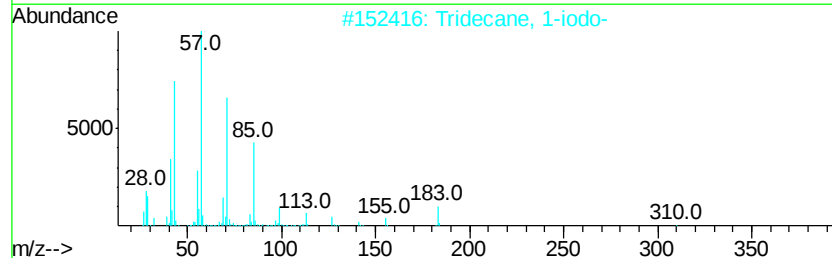
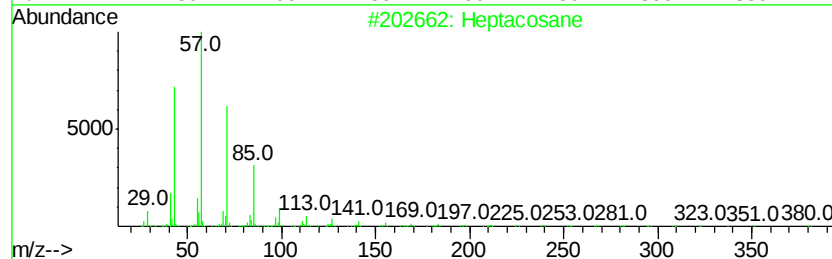
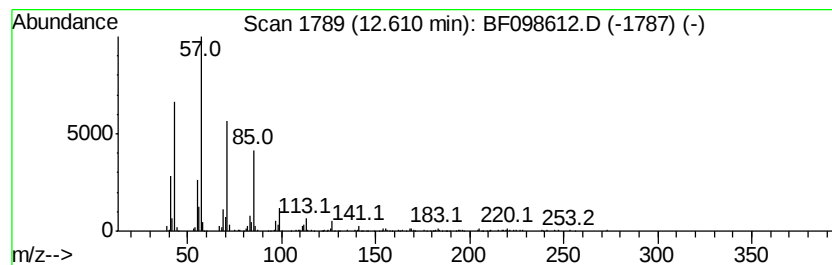
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Heptacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	11.83 ng	357518	Chrysene-d12	13.79

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	91
2	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	91
3	Tridecane, 7-hexyl-		268	C19H40	007225-66-3	91
4	Nonadecane		268	C19H40	000629-92-5	90
5	Hexacosane		366	C26H54	000630-01-3	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
Data File : BF098612.D
Acq On : 18 Sep 2017 19:59
Operator : SJ/JU
Sample : I5265-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3D46

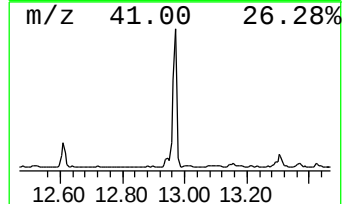
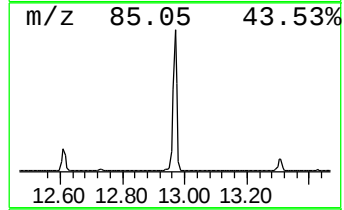
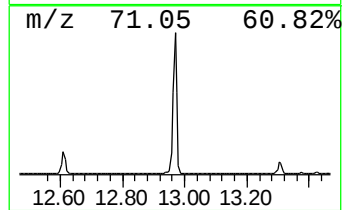
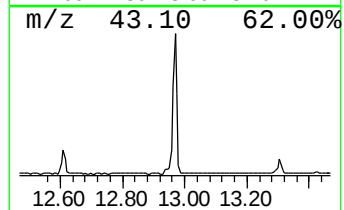
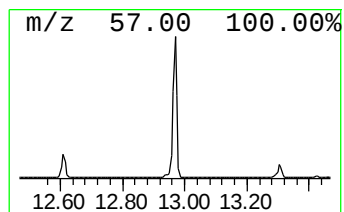
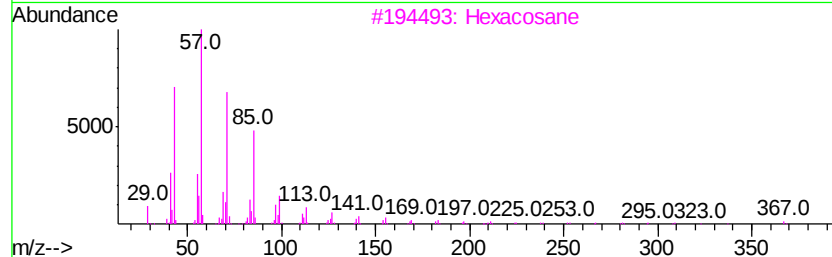
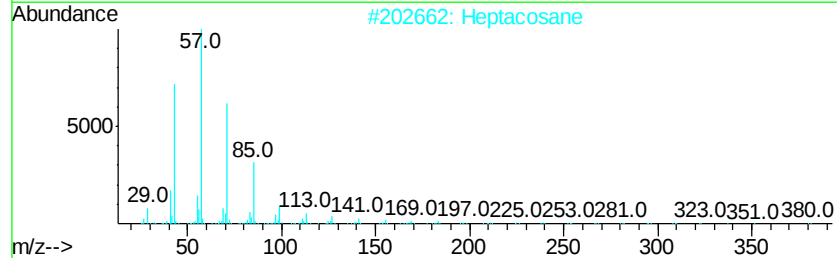
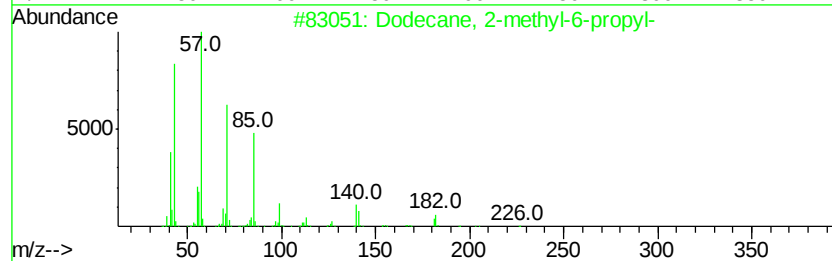
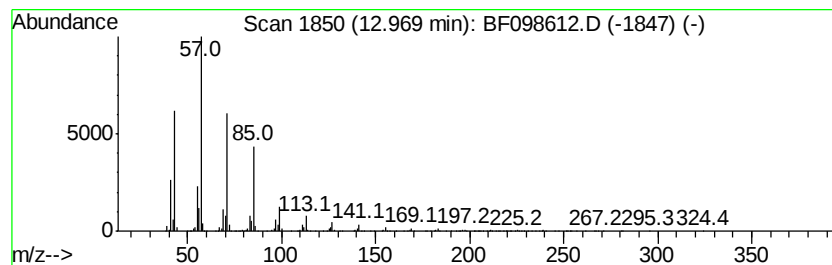
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dodecane, 2-methyl-6-propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	76.97 ng	2326500	Chrysene-d12	13.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
2		Heptacosane	380	C27H56	000593-49-7	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091817\
Data File : BF098612.D
Acq On : 18 Sep 2017 19:59
Operator : SJ/JU
Sample : I5265-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3D46

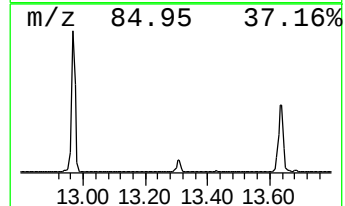
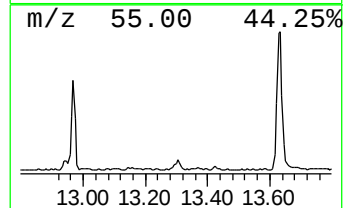
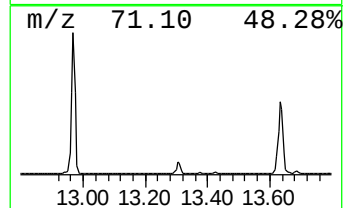
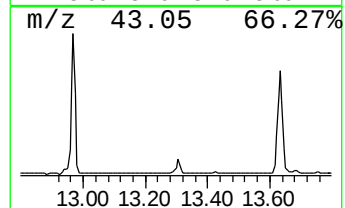
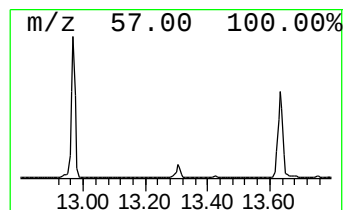
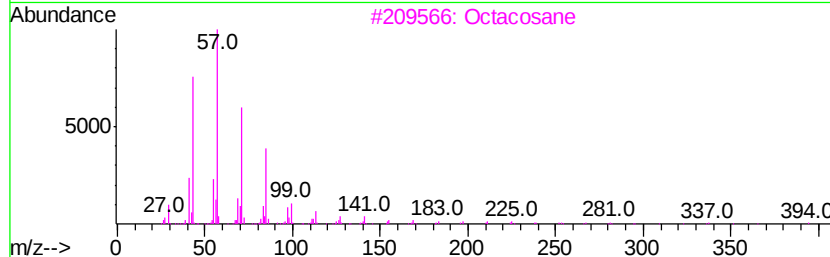
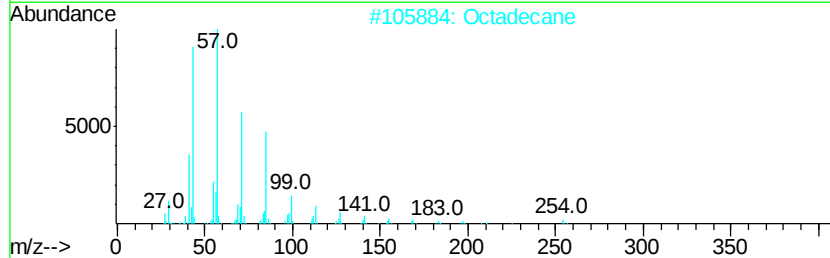
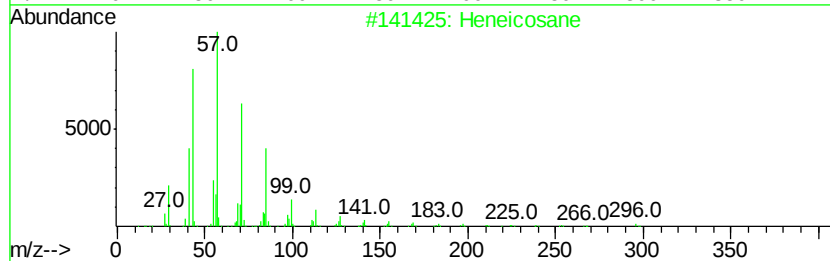
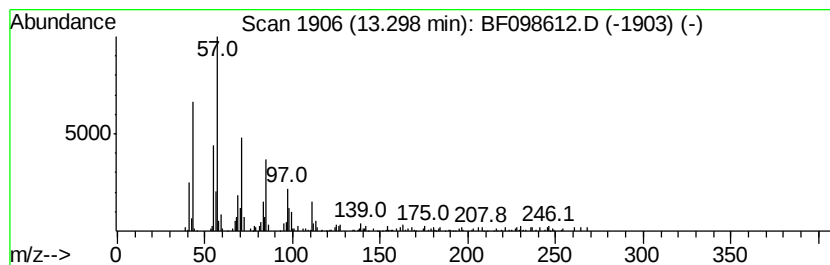
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heneicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	9.31 ng	281439	Chrysene-d12	13.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	87
2			Octadecane	254	C18H38	000593-45-3	87
3			Octacosane	394	C28H58	000630-02-4	86
4			Tetratetracontane	619	C44H90	007098-22-8	86
5			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091817\
Data File : BF098612.D
Acq On : 18 Sep 2017 19:59
Operator : SJ/JU
Sample : I5265-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3D46

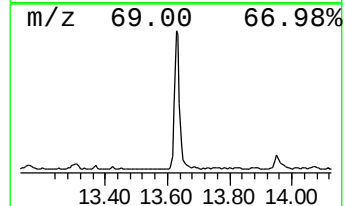
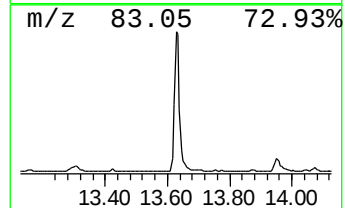
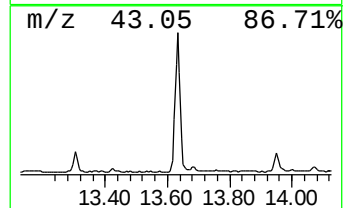
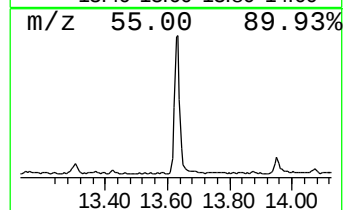
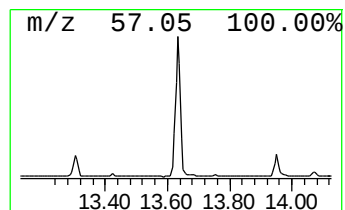
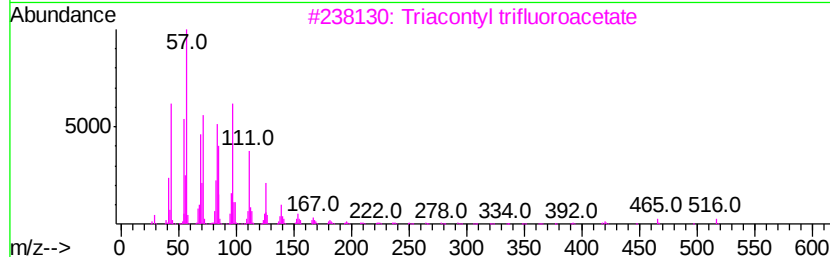
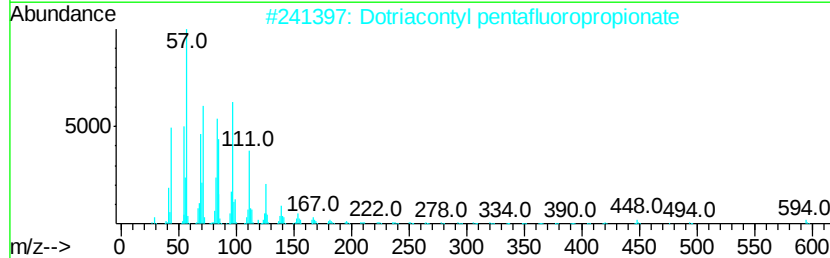
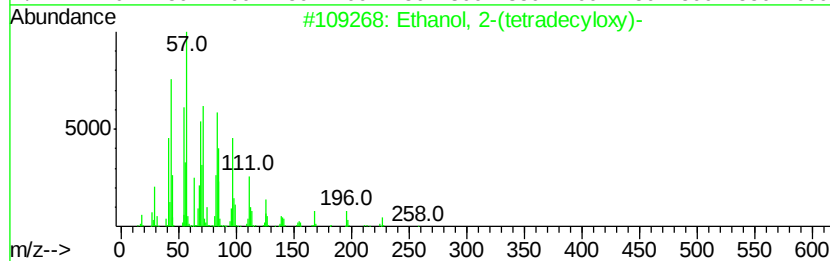
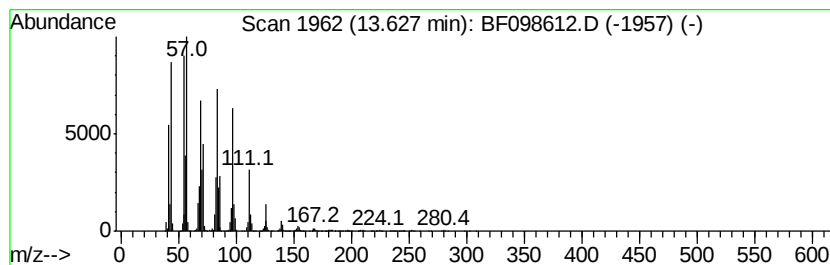
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Ethanol, 2-(tetradecyloxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	108.95 ng	3293180	Chrysene-d12	13.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
2		Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1000351-81-4	91
3		Triacontyl trifluoroacetate	534	C32H61F3O2	1000351-75-7	91
4		Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91
5		Hexacosyl heptafluorobutyrate	578	C30H53F7O2	1000351-83-3	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
Data File : BF098612.D
Acq On : 18 Sep 2017 19:59
Operator : SJ/JU
Sample : I5265-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3D46

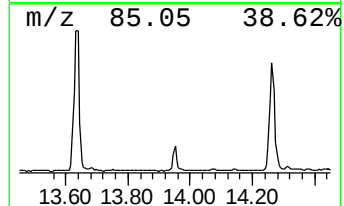
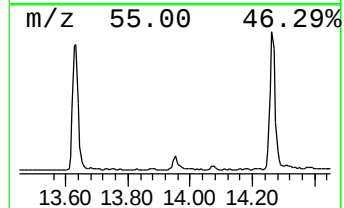
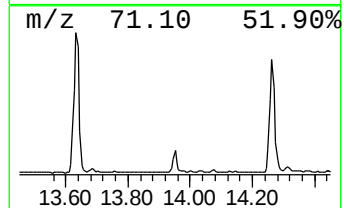
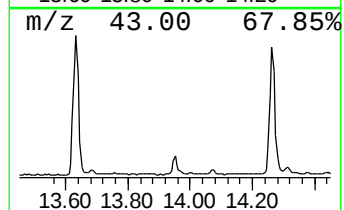
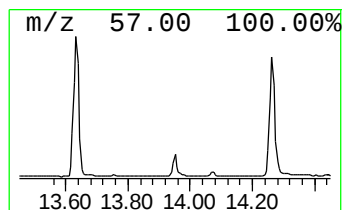
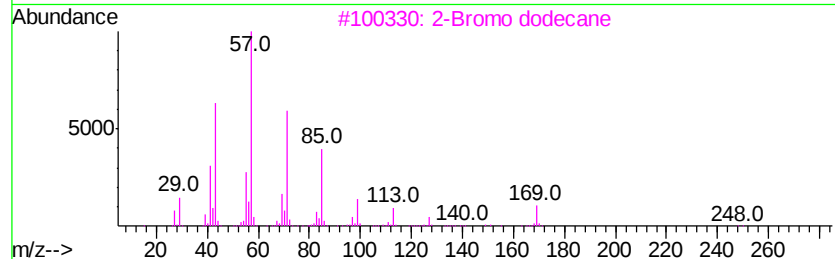
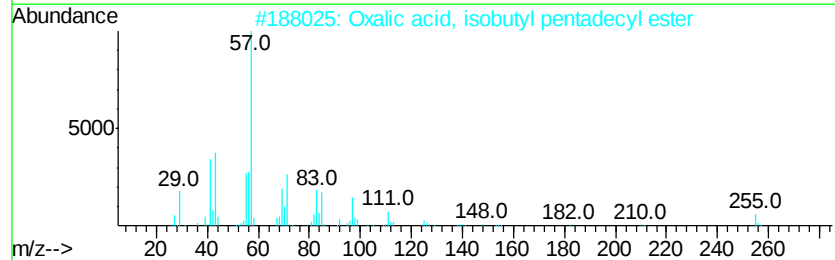
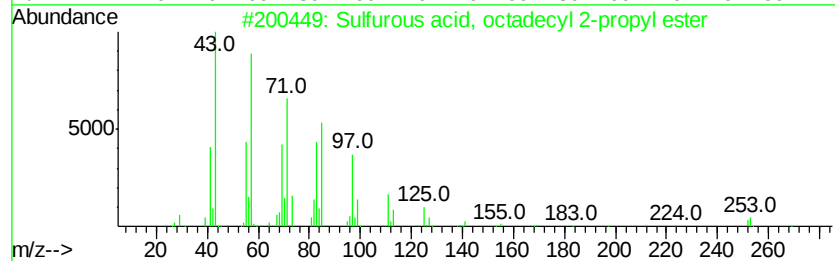
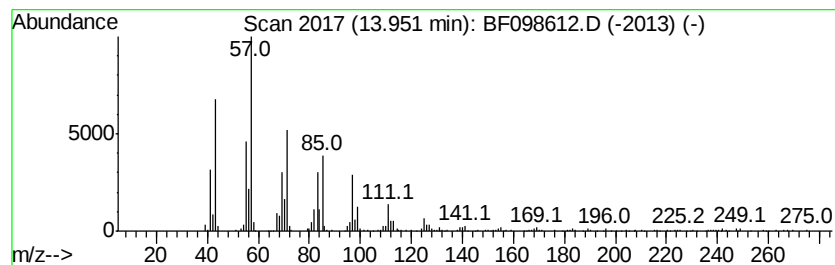
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Sulfurous acid, octadecyl 2... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	14.95 ng	451855	Chrysene-d12	13.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	87
2		Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	68
3		2-Bromo dodecane	248	C12H25Br	013187-99-0	64
4		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	62
5		Nonane	128	C9H20	000111-84-2	60



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091817\
Data File : BF098612.D
Acq On : 18 Sep 2017 19:59
Operator : SJ/JU
Sample : I5265-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3D46

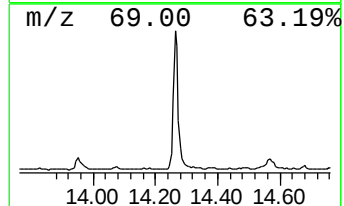
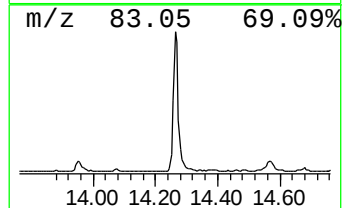
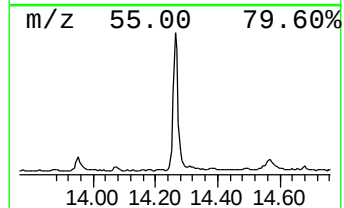
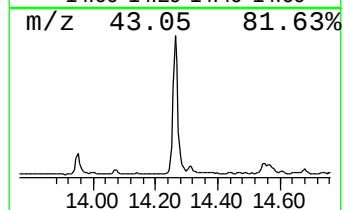
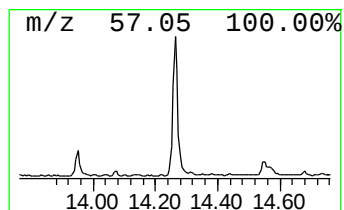
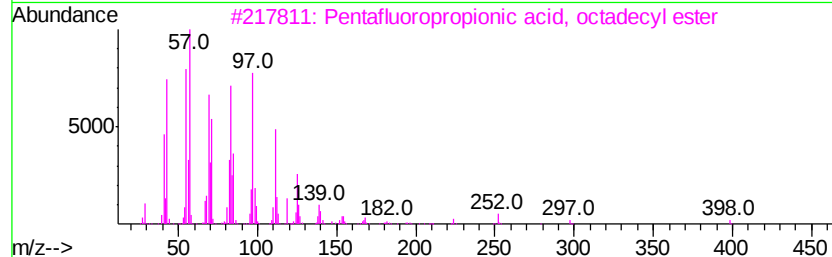
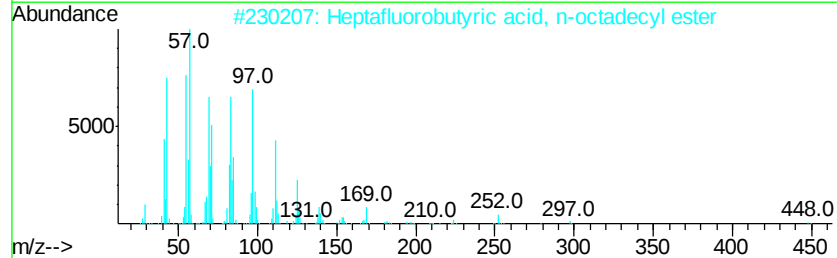
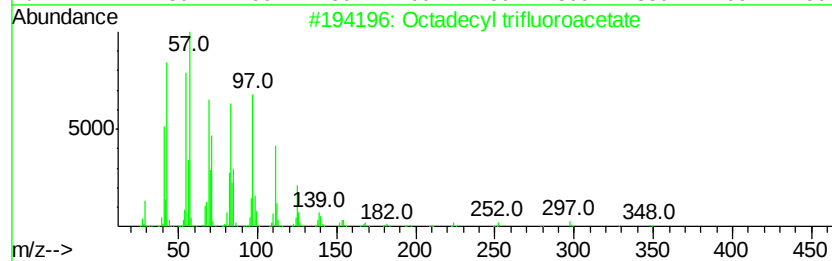
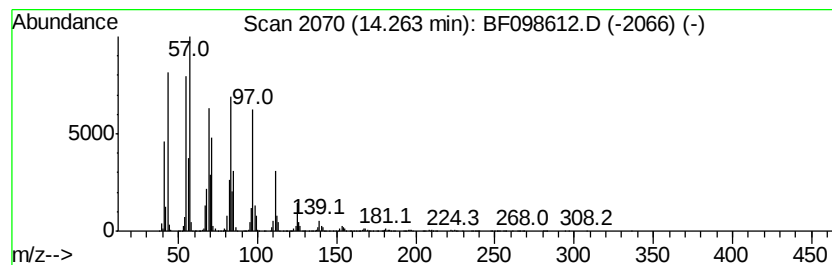
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octadecyl trifluoroacetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	104.74 ng	3165750	Chrysene-d12	13.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	94
2		Heptafluorobutyric acid, n-octadecyl ester	466	C22H37F7O2	000400-57-7	94
3		Pentafluoropropionic acid, octadecyl ester	416	C21H37F5O2	959261-25-7	91
4		Pentafluoropropionic acid, hexadecyl ester	388	C19H33F5O2	006222-07-7	91
5		Pentafluoropropionic acid, pentacontyl ester	374	C18H31F5O2	959092-08-1	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091817\
Data File : BF098612.D
Acq On : 18 Sep 2017 19:59
Operator : SJ/JU
Sample : I5265-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3D46

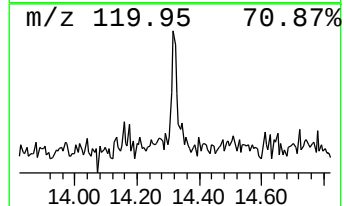
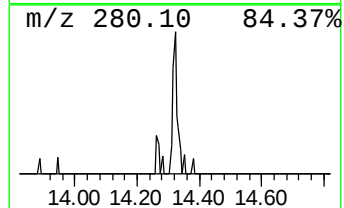
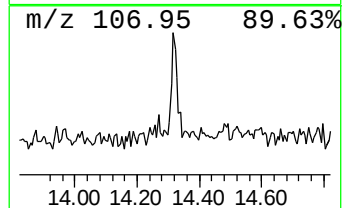
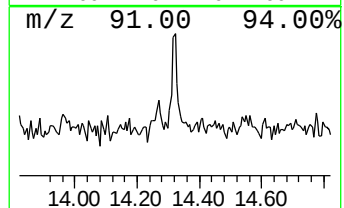
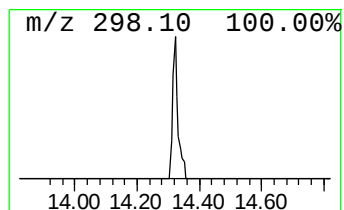
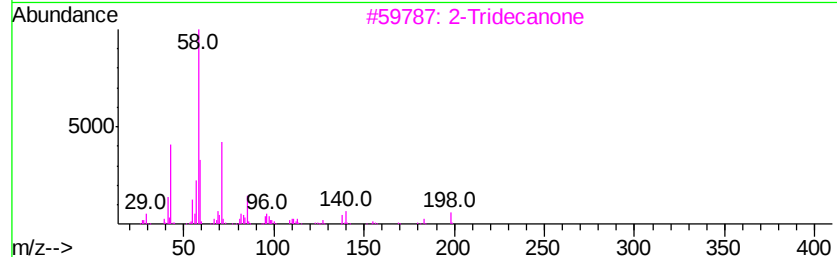
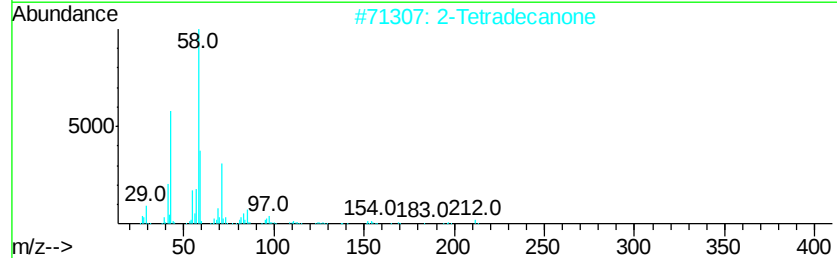
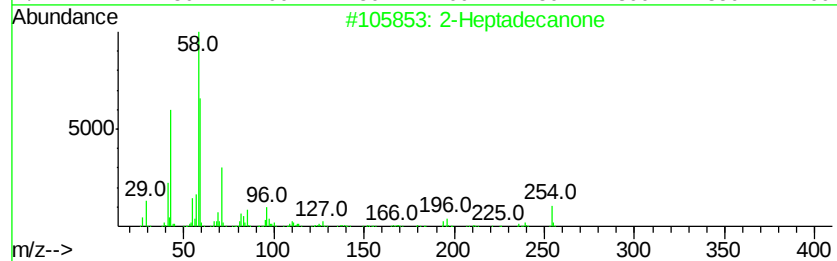
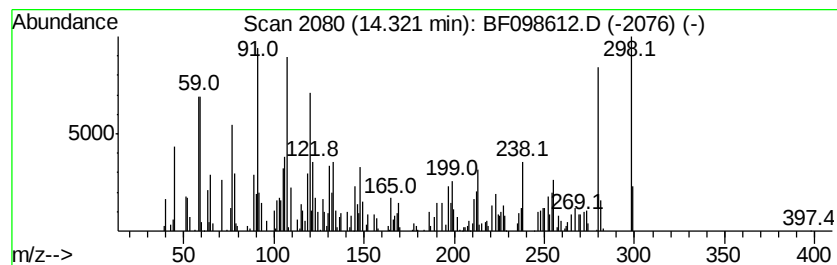
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 2-Heptadecanone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	7.03 ng	212590	Chrysene-d12	13.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Heptadecanone	254	C17H34O	002922-51-2	49
2		2-Tetradecanone	212	C14H28O	002345-27-9	38
3		2-Tridecanone	198	C13H26O	000593-08-8	30
4		2-Decanone	156	C10H20O	000693-54-9	27
5		Butan-1-one, 4-chloro-1-(1,2,3,4...	306	C17H23ClN2O	326033-07-2	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
Data File : BF098612.D
Acq On : 18 Sep 2017 19:59
Operator : SJ/JU
Sample : I5265-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3D46

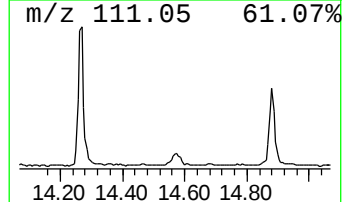
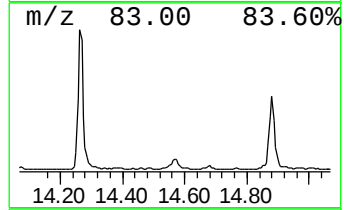
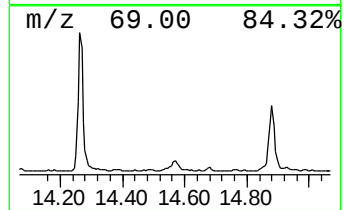
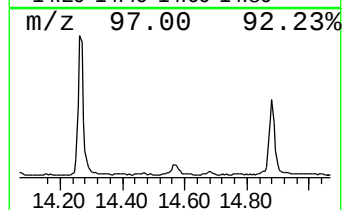
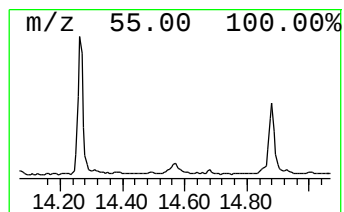
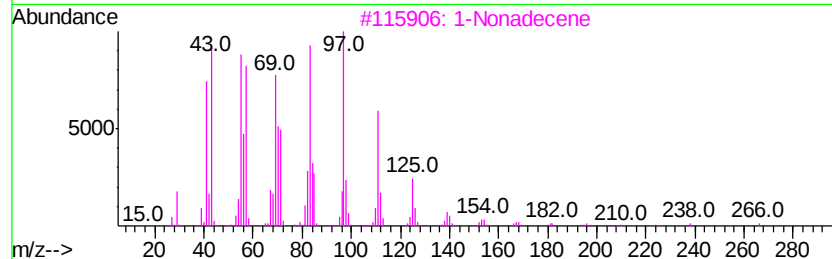
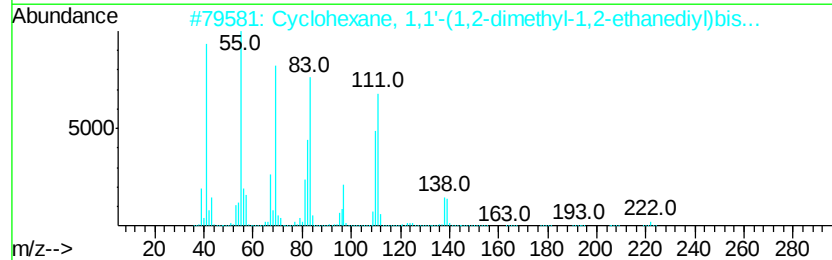
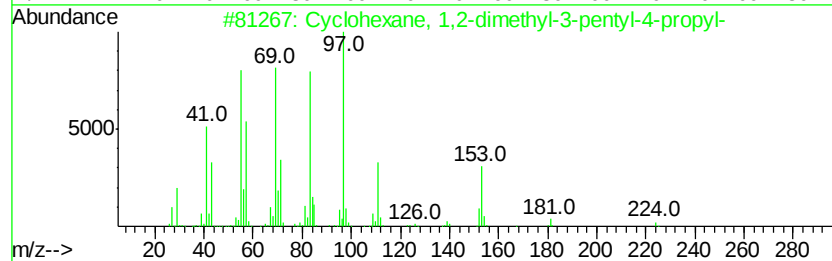
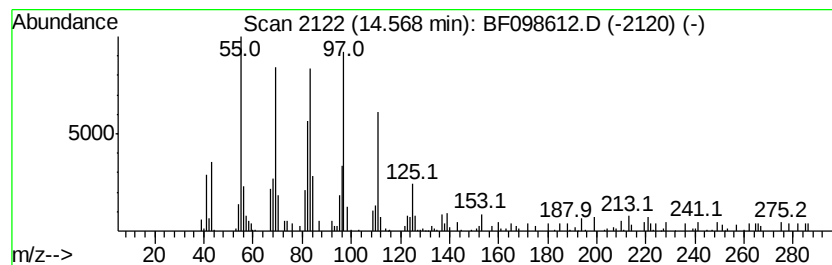
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Cyclohexane, 1,2-dimethyl-3... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	8.14 ng	246481	Perylene-d12	15.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	62
2		Cyclohexane, 1,1'-(1,2-dimethyl-...	222	C16H30	054889-87-1	60
3		1-Nonadecene	266	C19H38	018435-45-5	58
4		1,19-Eicosadiene	278	C20H38	014811-95-1	53
5		Decane, 5,6-bis(2,2-dimethylprop...	278	C20H38	073002-85-4	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
Data File : BF098612.D
Acq On : 18 Sep 2017 19:59
Operator : SJ/JU
Sample : I5265-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3D46

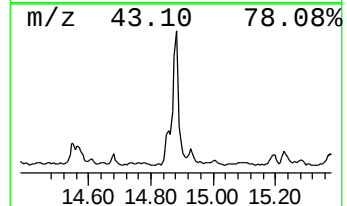
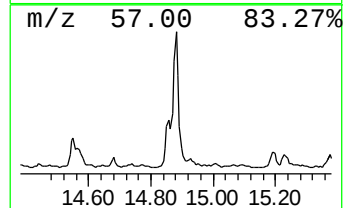
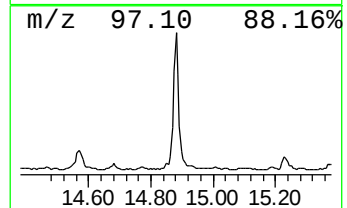
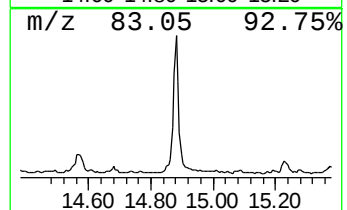
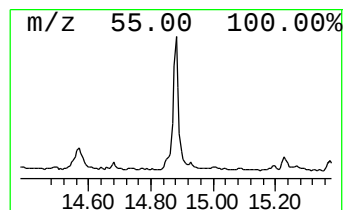
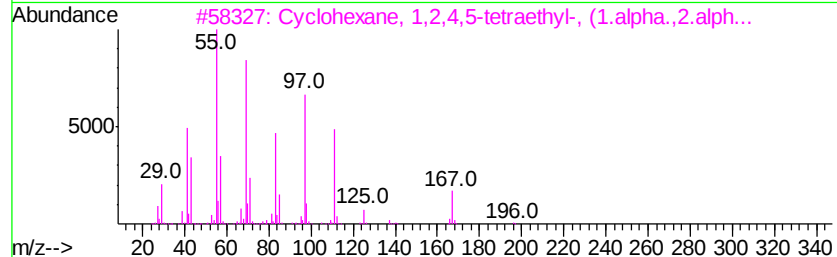
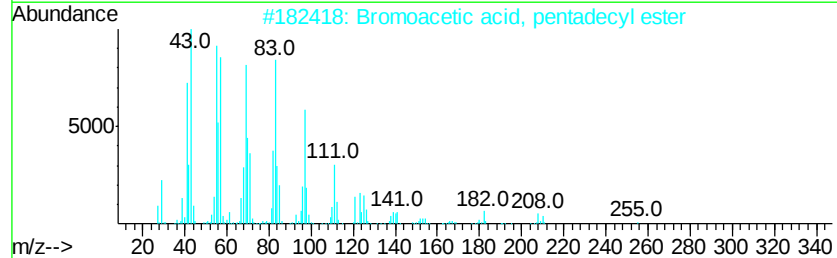
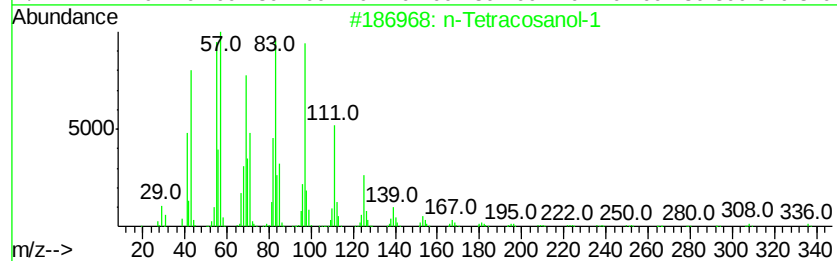
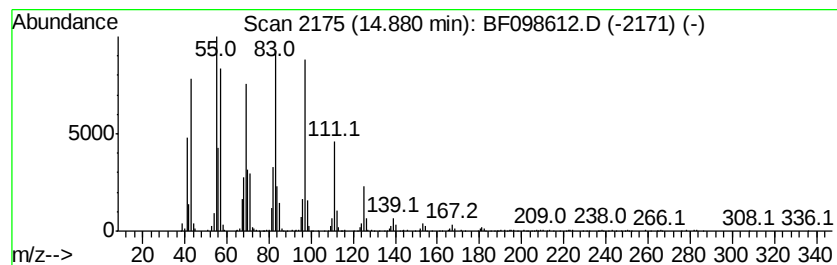
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 n-Tetracosanol-1 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	50.96 ng	1542490	Perylene-d12	15.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Tetracosanol-1	354	C24H50O	000506-51-4	90
2		Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	62
3		Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	62
4		n-Heptadecanol-1	256	C17H36O	001454-85-9	62
5		Cyclohexadecane	224	C16H32	000295-65-8	62



Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
Data File : BF098612.D
Acq On : 18 Sep 2017 19:59
Operator : SJ/JU
Sample : I5265-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

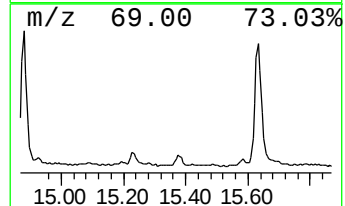
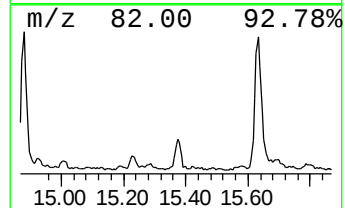
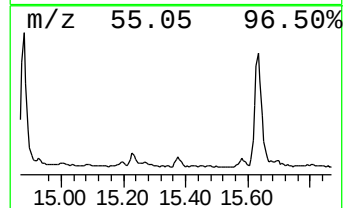
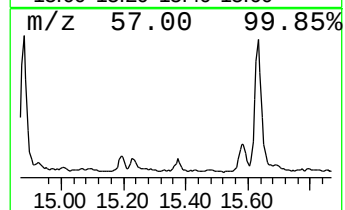
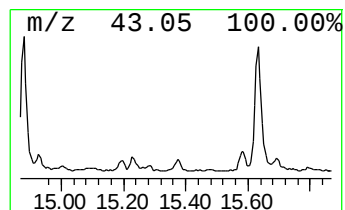
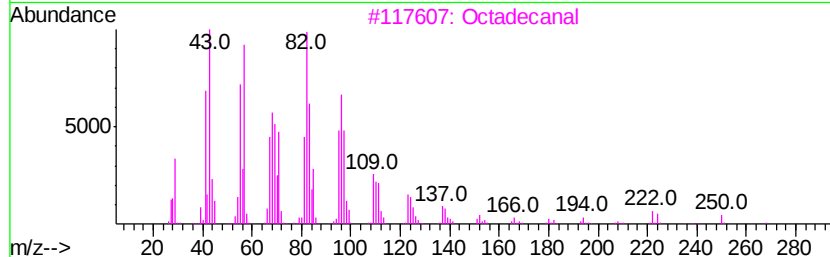
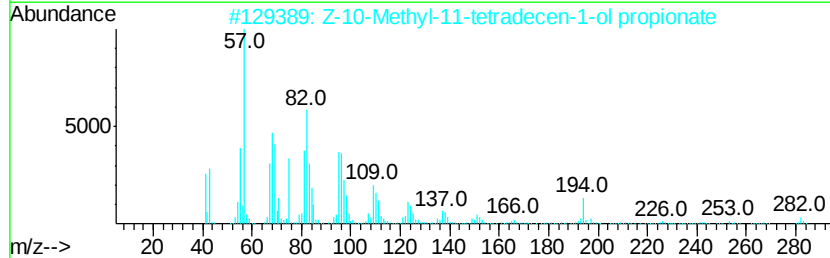
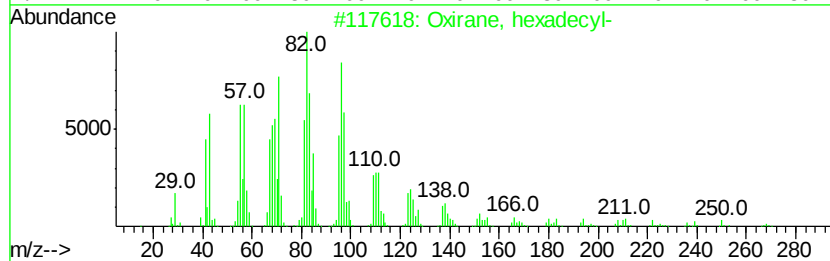
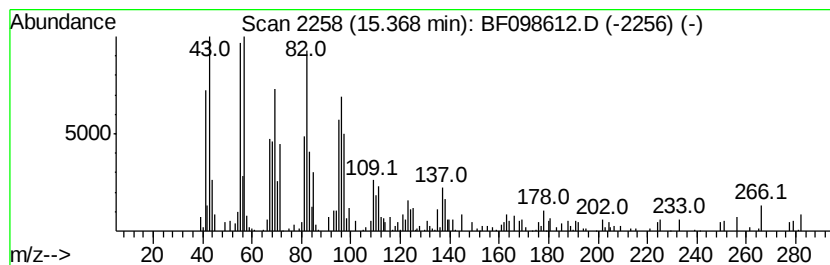
Instrument :
BNA_F
ClientSampleId :
TP-3D46

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Oxirane, hexadecyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.37	6.75 ng	204213	Perylene-d12	15.18	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	86
2	Z-10-Methyl-11-tetradecen-1-ol p...	282	C18H34O2	1000130-77-5	60
3	Octadecanal	268	C18H36O	000638-66-4	58
4	Z,E-3,13-Octadecadien-1-ol	266	C18H34O	1000131-10-4	53
5	Z-(13,14-Epoxy)tetradec-11-en-1-...	268	C16H28O3	1000131-33-2	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091817\
Data File : BF098612.D
Acq On : 18 Sep 2017 19:59
Operator : SJ/JU
Sample : I5265-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3D46

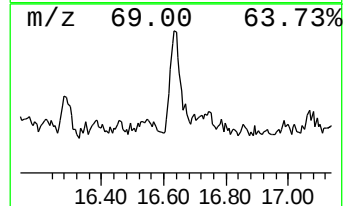
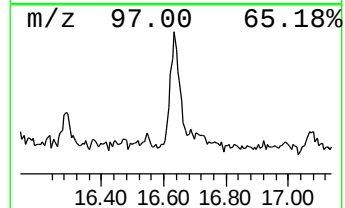
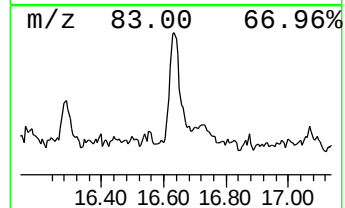
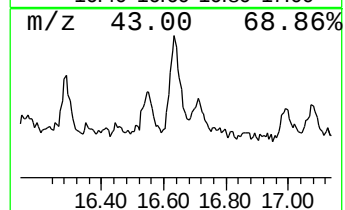
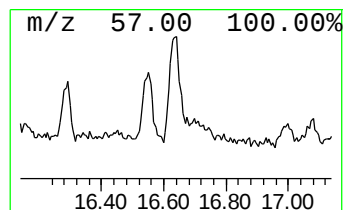
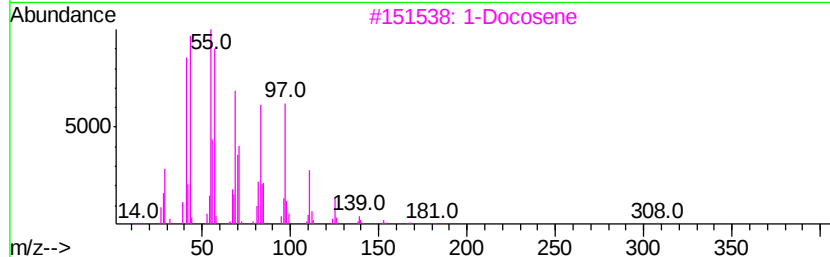
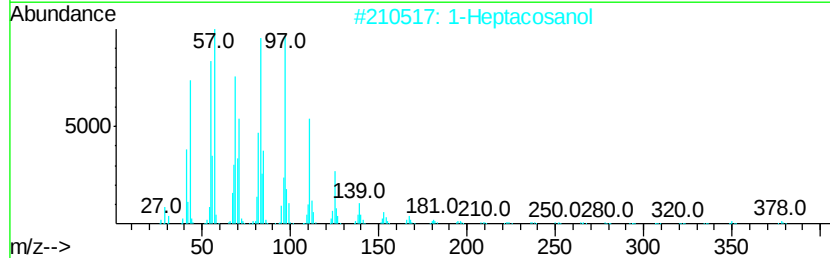
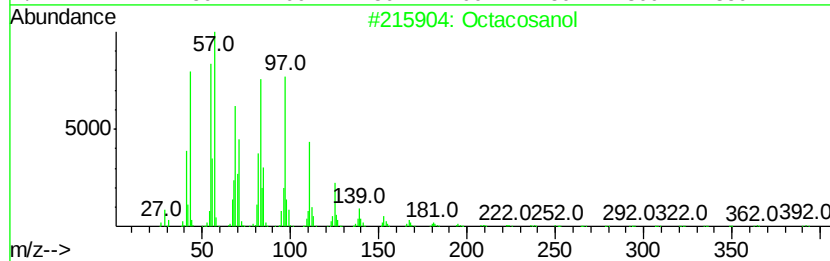
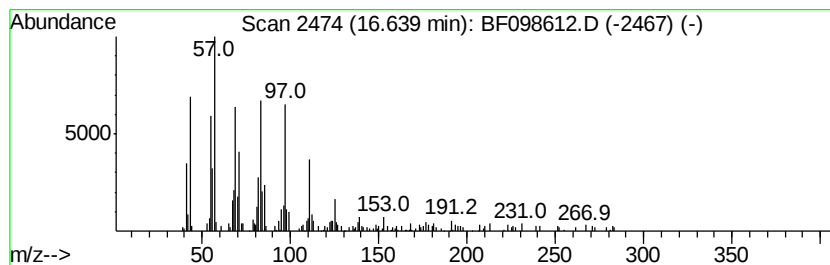
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Octacosanol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	11.93 ng	361014	Perylene-d12	15.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosanol	410	C28H58O	000557-61-9	93
2		1-Heptacosanol	396	C27H56O	002004-39-9	91
3		1-Docosene	308	C22H44	001599-67-3	91
4		Triacontyl acetate	480	C32H64O2	041755-58-2	91
5		Octacosyl acetate	452	C30H60O2	018206-97-8	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
Data File : BF098612.D
Acq On : 18 Sep 2017 19:59
Operator : SJ/JU
Sample : I5265-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
TP-3D46

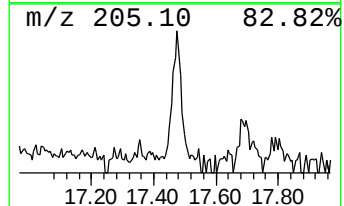
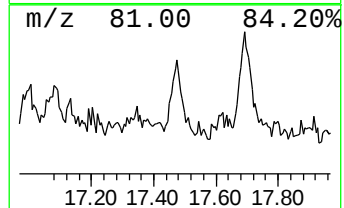
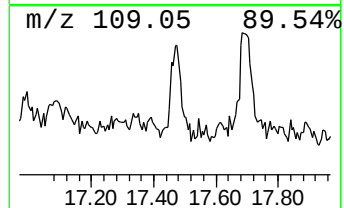
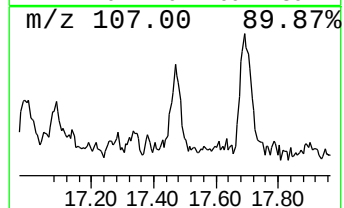
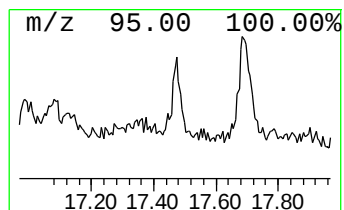
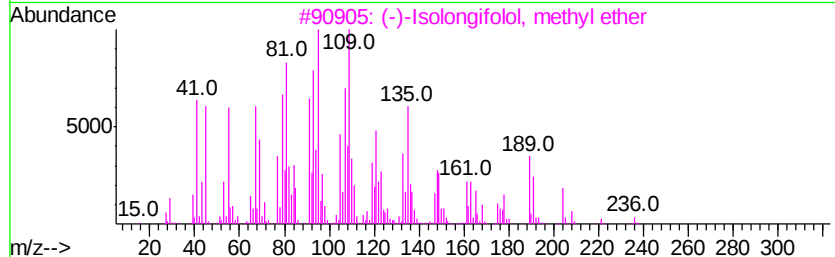
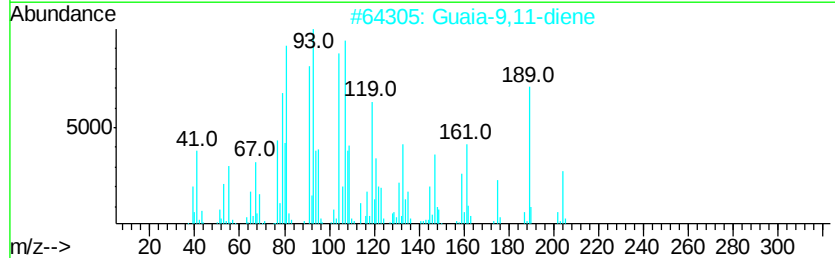
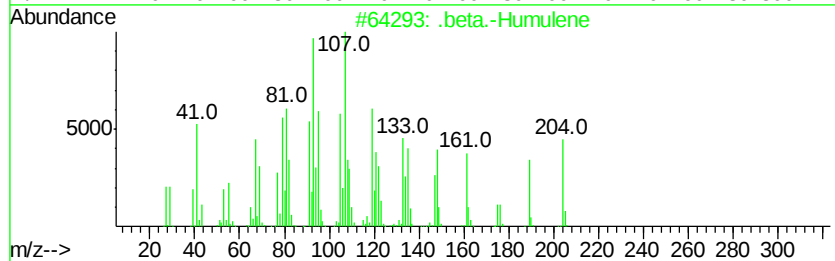
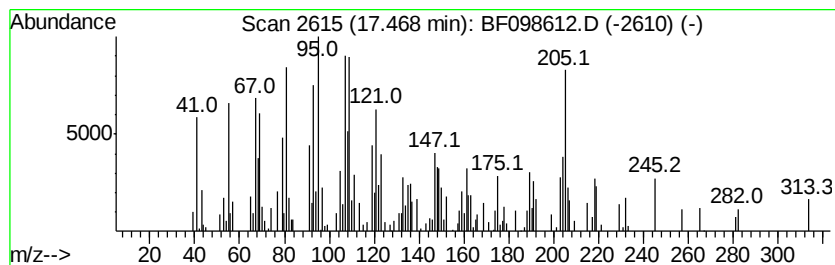
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 .beta.-Humulene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.47	7.08 ng	214203	Perylene-d12	15.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-Humulene	204	C15H24	000116-04-1	60
2		Guaia-9,11-diene	204	C15H24	1000374-19-8	56
3		(-)-Isolongifolol, methyl ether	236	C16H28O	1000333-80-8	50
4		Thuiopsene-(I2)	204	C15H24	1000152-20-4	40
5		Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091817\
Data File : BF098612.D
Acq On : 18 Sep 2017 19:59
Operator : SJ/JU
Sample : I5265-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3D46

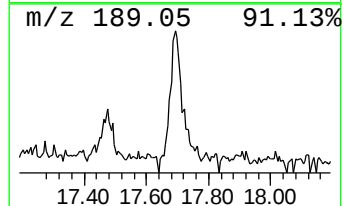
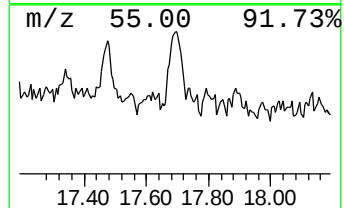
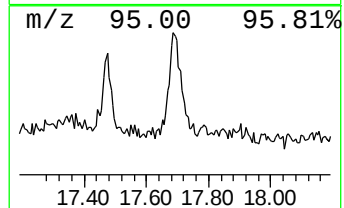
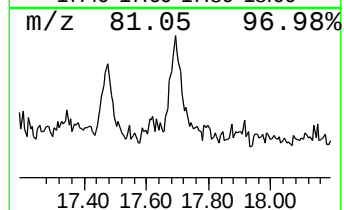
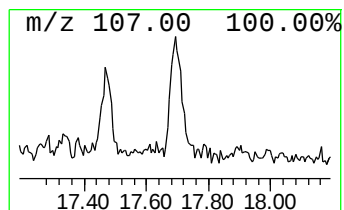
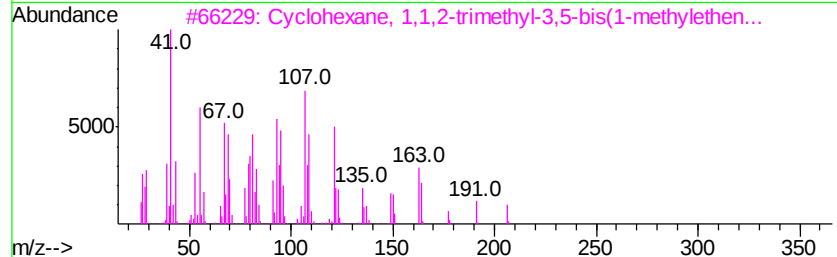
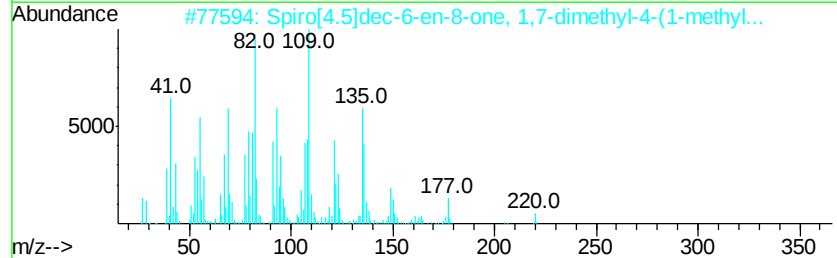
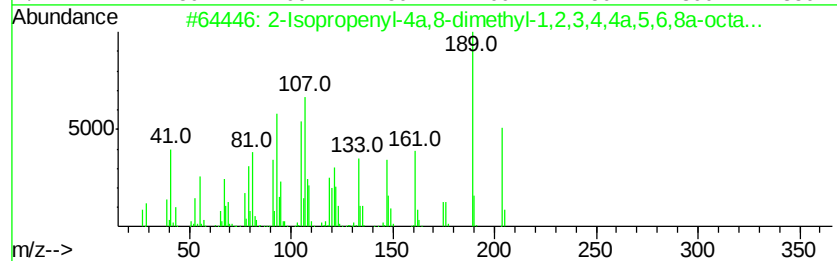
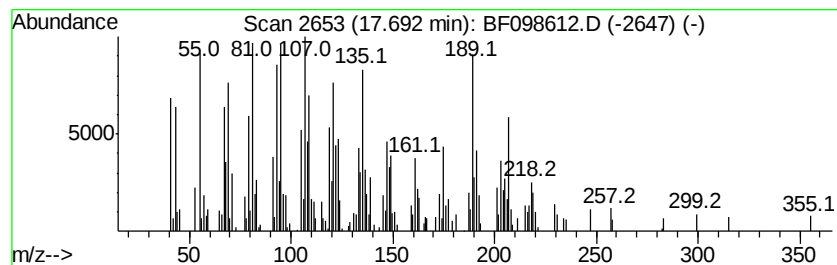
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown17.69 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.69	12.29 ng	372077	Perylene-d12	15.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000193-57-0	49
2		Spiro[4.5]dec-6-en-8-one, 1,7-di...	220	C15H24O	039510-36-6	42
3		Cyclohexane, 1,1,2-trimethyl-3,5...	206	C15H26	062337-96-6	38
4		Cycloheptane, 4-methylene-1-meth...	204	C15H24	1000159-38-5	35
5		.alpha.-Bulnesene	204	C15H24	1000374-19-9	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091817\
Data File : BF098612.D
Acq On : 18 Sep 2017 19:59
Operator : SJ/JU
Sample : I5265-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3D46

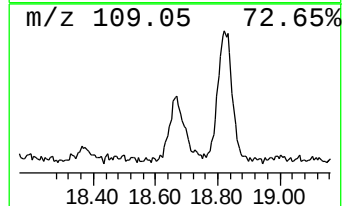
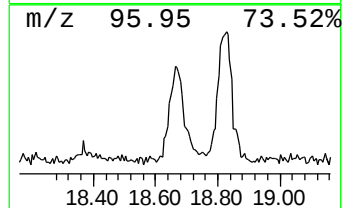
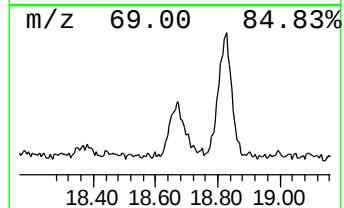
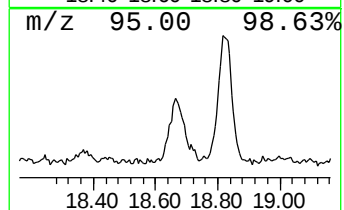
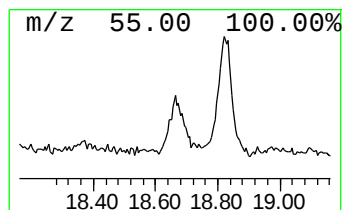
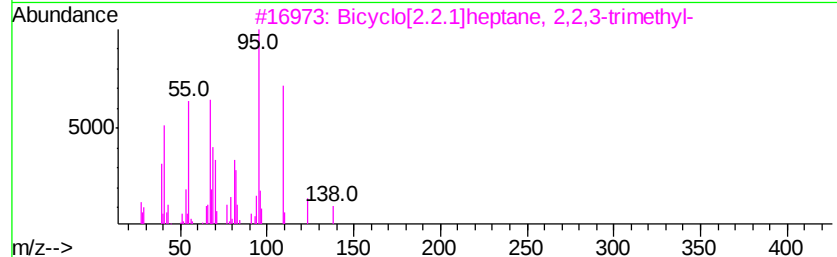
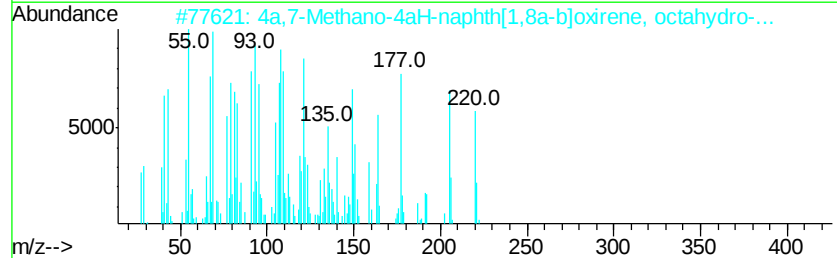
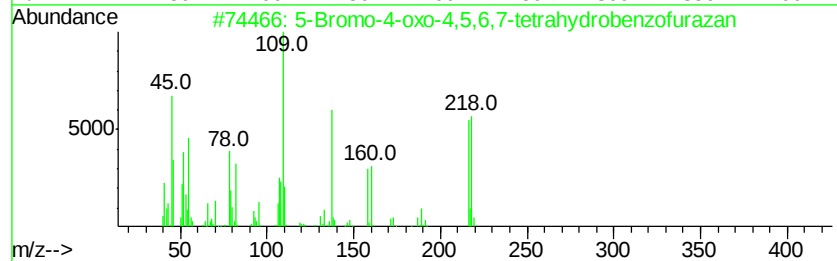
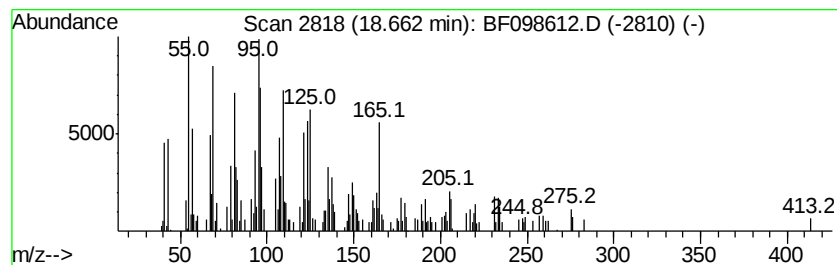
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 5-Bromo-4-oxo-4,5,6,7-tetra... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.66	16.30 ng	493340	Perylene-d12	15.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	59
2		4a,7-Methano-4aH-naphth[1,8a-b]lo...	220	C15H24O	067999-56-8	38
3		Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	35
4		Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	35
5		Longifolenaldehyde	220	C15H24O	019890-84-7	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091817\
Data File : BF098612.D
Acq On : 18 Sep 2017 19:59
Operator : SJ/JU
Sample : I5265-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3D46

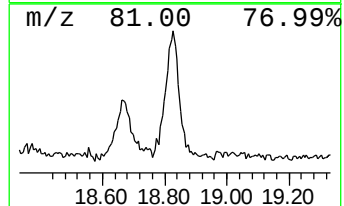
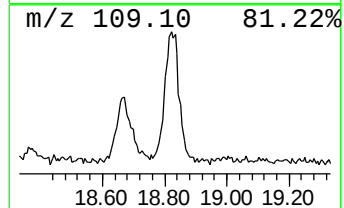
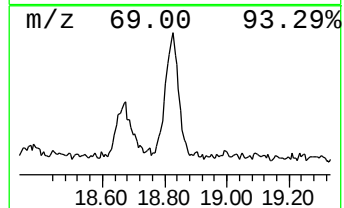
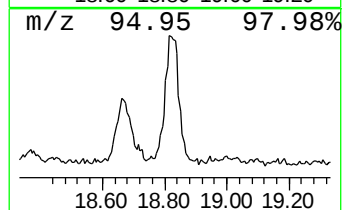
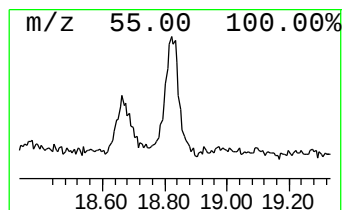
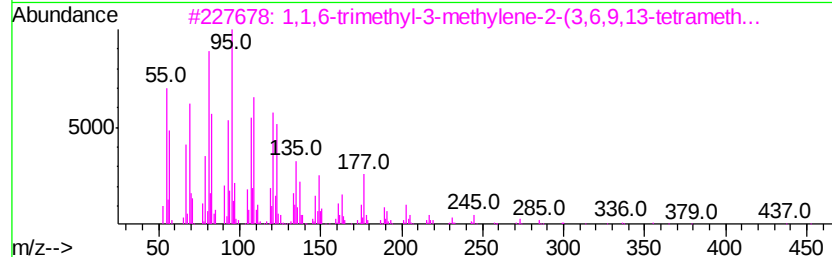
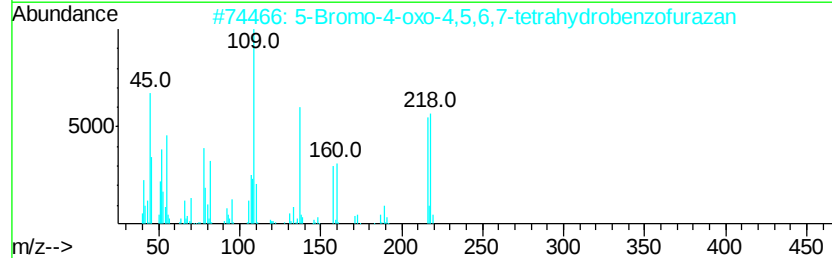
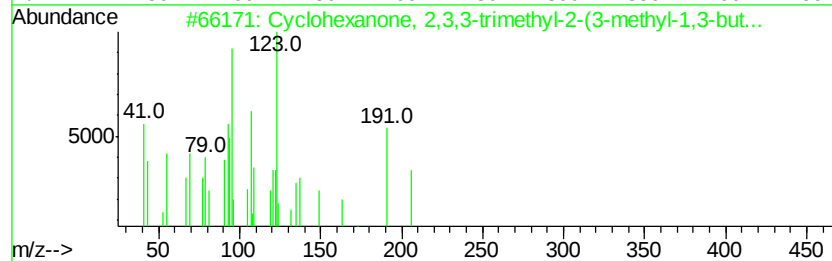
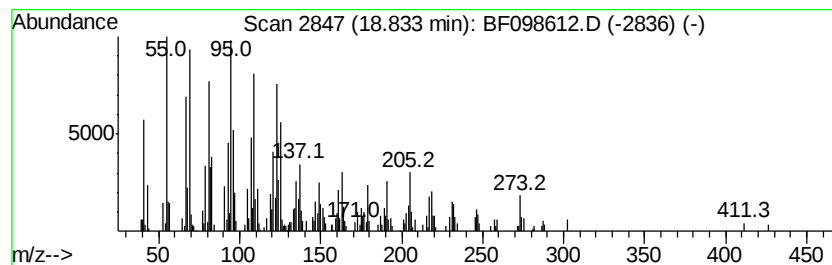
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Cyclohexanone, 2,3,3-trimet... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	30.92 ng	935846	Perylene-d12	15.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanone, 2,3,3-trimethyl-2...	206	C14H22O	069296-90-8	64
2		5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	53
3		1,1,6-trimethyl-3-methylene-2-(3...	452	C33H56	1000373-94-5	49
4		2,4a,8,8-Tetramethyldecahydrocyc...	206	C15H26	074022-04-1	42
5		(-)-Neoclovene-(II), dihydro-	206	C15H26	1000152-83-6	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091817\
 Data File : BF098612.D
 Acq On : 18 Sep 2017 19:59
 Operator : SJ/JU
 Sample : I5265-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3D46

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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...	4.82	11.1 ng		389418	1	6.63	700669	20.0
unknown6.41	6.41	91.9 ng		3220560	1	6.63	700669	20.0
Octadecane	12.25	55.8 ng		2130380	4	11.15	764080	20.0
Heptacosane	12.61	11.8 ng		357518	5	13.79	604516	20.0
Dodecane, 2-methy...	12.97	77.0 ng		2326500	5	13.79	604516	20.0
Heneicosane	13.30	9.3 ng		281439	5	13.79	604516	20.0
Ethanol, 2-(tetra...	13.63	109.0 ng		3293180	5	13.79	604516	20.0
Sulfurous acid, o...	13.95	14.9 ng		451855	5	13.79	604516	20.0
Octadecyl trifluo...	14.26	104.7 ng		3165750	5	13.79	604516	20.0
2-Heptadecanone	14.32	7.0 ng		212590	5	13.79	604516	20.0
Cyclohexane, 1,2-...	14.57	8.1 ng		246481	6	15.18	605413	20.0
n-Tetracosanol-1	14.88	51.0 ng		1542490	6	15.18	605413	20.0
Oxirane, hexadecyl-	15.37	6.8 ng		204213	6	15.18	605413	20.0
Octacosanol	16.64	11.9 ng		361014	6	15.18	605413	20.0
.beta.-Humulene	17.47	7.1 ng		214203	6	15.18	605413	20.0
unknown17.69	17.69	12.3 ng		372077	6	15.18	605413	20.0
5-Bromo-4-oxo-4,5...	18.66	16.3 ng		493340	6	15.18	605413	20.0
Cyclohexanone, 2,...	18.83	30.9 ng		935846	6	15.18	605413	20.0