

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
 Data File : BF113137.D
 Acq On : 19 Mar 2019 20:40
 Operator : JU/SJ
 Sample : K1693-09 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-031819-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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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	5.334	548	552	569	rVB	682332	673195	7.84%	1.649%
2	6.363	723	727	741	rBV	850172	808135	9.42%	1.979%
3	6.492	745	749	753	rBV	894715	767540	8.94%	1.880%
4	6.722	784	788	791	rBV	990581	790910	9.22%	1.937%
5	6.875	811	814	818	rVB	601639	522116	6.08%	1.279%
6	7.281	874	883	890	rBV2	407664	533112	6.21%	1.306%
7	7.745	957	962	964	rBV3	109998	129687	1.51%	0.318%
8	8.004	1001	1006	1009	rBV	1238070	1097509	12.79%	2.688%
9	8.392	1069	1072	1075	rBV2	120367	99849	1.16%	0.245%
10	8.510	1089	1092	1095	rBV2	105918	108883	1.27%	0.267%
11	8.610	1104	1109	1111	rBV2	180553	193379	2.25%	0.474%
12	8.704	1122	1125	1131	rVB4	62351	104831	1.22%	0.257%
13	8.828	1140	1146	1148	rBV4	91229	132470	1.54%	0.324%
14	9.075	1185	1188	1194	rBV	753556	712053	8.30%	1.744%
15	9.169	1201	1204	1208	rBV	253539	215177	2.51%	0.527%
16	9.339	1228	1233	1239	rBV5	54851	113756	1.33%	0.279%
17	9.486	1253	1258	1260	rBV3	99391	169735	1.98%	0.416%
18	9.698	1291	1294	1298	rVB	315190	241246	2.81%	0.591%
19	9.757	1298	1304	1307	rBV	1106426	1071549	12.49%	2.624%
20	10.022	1346	1349	1353	rVV4	77564	86484	1.01%	0.212%
21	10.198	1375	1379	1382	rVB	300907	256936	2.99%	0.629%
22	10.416	1412	1416	1419	rBV	112260	114505	1.33%	0.280%
23	10.539	1433	1437	1441	rBV	474313	445567	5.19%	1.091%
24	10.669	1456	1459	1466	rBV	345699	398872	4.65%	0.977%
25	11.116	1532	1535	1538	rBV2	259530	263379	3.07%	0.645%
26	11.145	1538	1540	1545	rVB	121192	114807	1.34%	0.281%
27	11.233	1551	1555	1557	rBV	1020371	882672	10.28%	2.162%
28	11.257	1557	1559	1562	rVV	544060	418635	4.88%	1.025%
29	11.310	1562	1568	1572	rVB	115378	134717	1.57%	0.330%
30	11.539	1604	1607	1609	rBV	249304	202052	2.35%	0.495%
31	11.563	1609	1611	1614	rVB2	104535	90668	1.06%	0.222%
32	11.639	1620	1624	1627	rBV	3609095	3105002	36.18%	7.604%
33	11.733	1637	1640	1643	rBV	121961	111501	1.30%	0.273%
34	11.769	1643	1646	1650	rVV2	309663	377239	4.40%	0.924%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113137.D
Acq On : 19 Mar 2019 20:40
Operator : JU/SJ
Sample : K1693-09 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-031819-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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.845	1655	1659	1661	rVV	213356	227314	2.65%	0.557%
36	11.869	1661	1663	1669	rVB	102151	104869	1.22%	0.257%
37	11.945	1673	1676	1682	rVB2	216751	231227	2.69%	0.566%
38	12.033	1688	1691	1700	rVB4	80670	149530	1.74%	0.366%
39	12.286	1730	1734	1736	rBV	124639	128843	1.50%	0.316%
40	12.333	1736	1742	1743	rVV	6749062	8582264	100.00%	21.018%
41	12.351	1743	1745	1751	rVV	6453913	7043162	82.07%	17.249%
42	12.427	1755	1758	1762	rVV2	1684034	1875560	21.85%	4.593%
43	12.463	1762	1764	1765	rVV	510952	441512	5.14%	1.081%
44	12.480	1765	1767	1775	rVV	727395	855276	9.97%	2.095%
45	12.669	1794	1799	1802	rBV	655835	719260	8.38%	1.762%
46	12.704	1802	1805	1807	rVB	152314	130481	1.52%	0.320%
47	12.816	1821	1824	1827	rBV	635806	504765	5.88%	1.236%
48	12.892	1834	1837	1841	rBV2	67468	122701	1.43%	0.301%
49	12.998	1853	1855	1862	rVB2	155617	213205	2.48%	0.522%
50	13.068	1862	1867	1870	rBV3	221941	323438	3.77%	0.792%
51	13.151	1878	1881	1884	rVV	158473	141391	1.65%	0.346%
52	13.221	1891	1893	1897	rBV2	82832	101910	1.19%	0.250%
53	13.310	1905	1908	1914	rVB6	91032	119496	1.39%	0.293%
54	13.398	1920	1923	1925	rBV2	104708	86430	1.01%	0.212%
55	13.727	1976	1979	1986	rVB2	108650	137799	1.61%	0.337%
56	13.816	1991	1994	1997	rBV	172721	160185	1.87%	0.392%
57	13.863	1997	2002	2005	rVV2	930636	1081077	12.60%	2.648%
58	13.886	2005	2006	2009	rVB	224628	162075	1.89%	0.397%
59	14.039	2030	2032	2037	rVB2	101555	97136	1.13%	0.238%
60	14.345	2081	2084	2086	rVB2	113650	108239	1.26%	0.265%
61	14.745	2147	2152	2162	rVB	334380	472330	5.50%	1.157%
62	14.874	2171	2174	2183	rBV	158889	280135	3.26%	0.686%
63	15.215	2229	2232	2237	rVB	139901	157608	1.84%	0.386%
64	15.274	2238	2242	2245	rBV	492355	584682	6.81%	1.432%

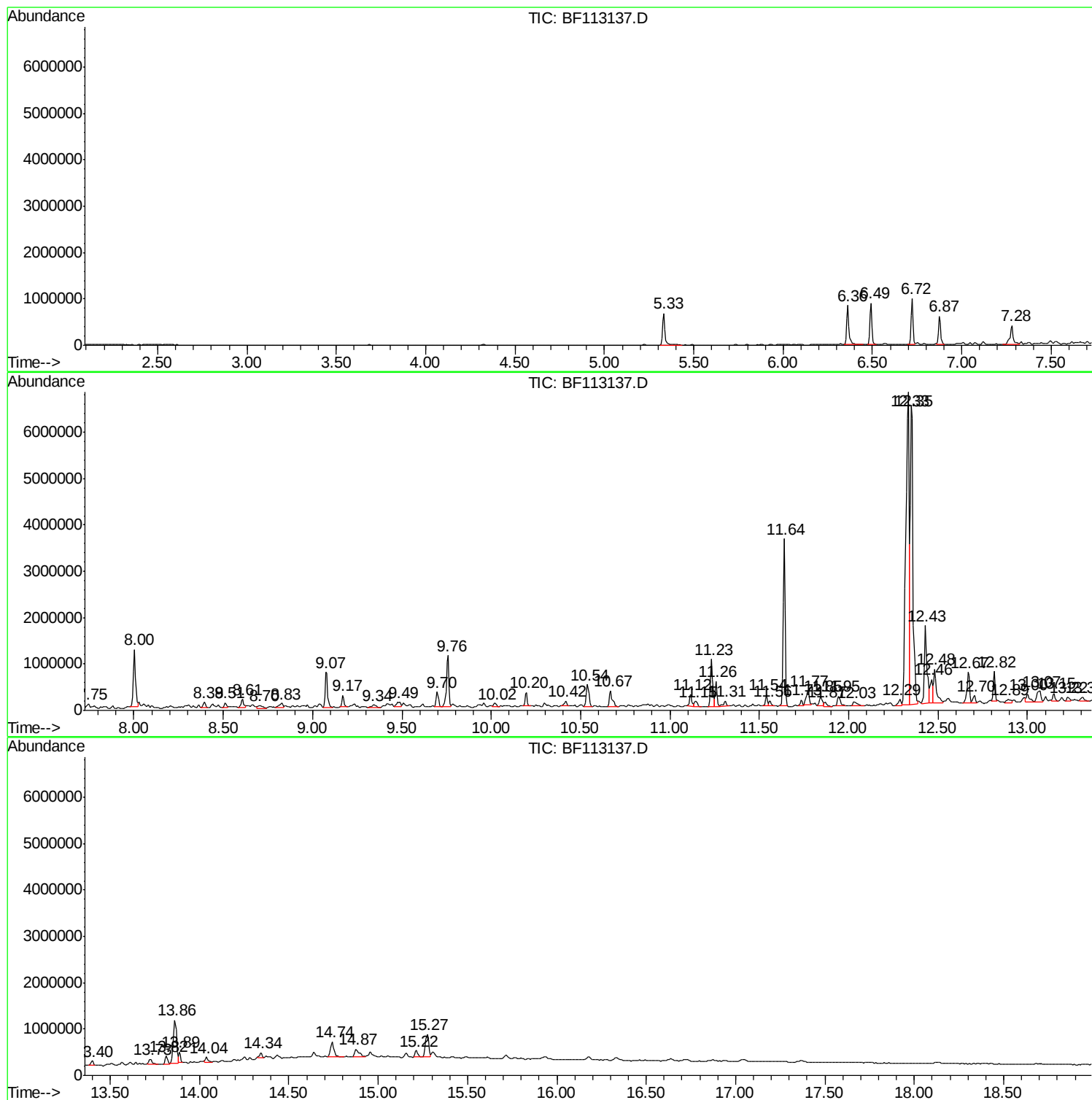
Sum of corrected areas: 40832068

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113137.D
Acq On : 19 Mar 2019 20:40
Operator : JU/SJ
Sample : K1693-09 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-031819-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113137.D
Acq On : 19 Mar 2019 20:40
Operator : JU/SJ
Sample : K1693-09 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-031819-A

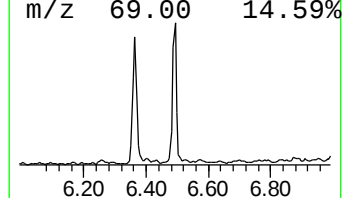
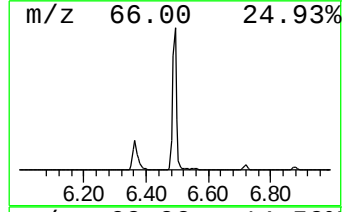
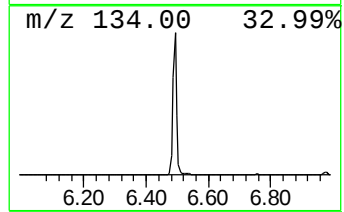
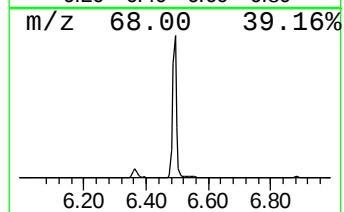
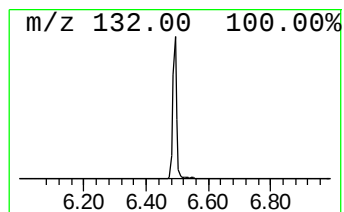
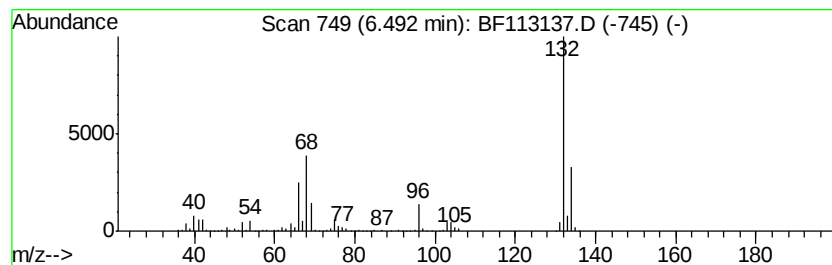
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.49 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	19.41 ng	767540	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113137.D
Acq On : 19 Mar 2019 20:40
Operator : JU/SJ
Sample : K1693-09 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

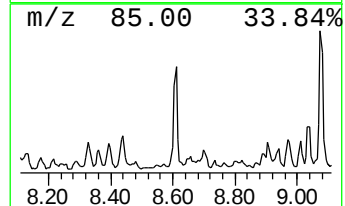
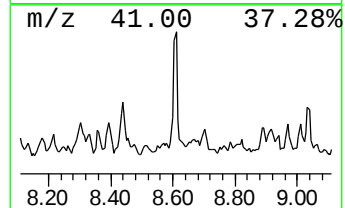
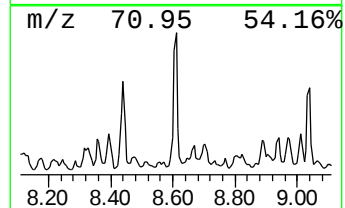
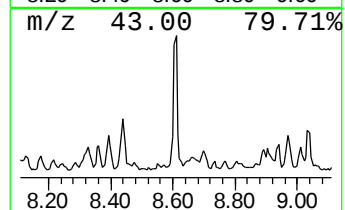
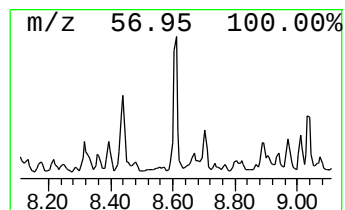
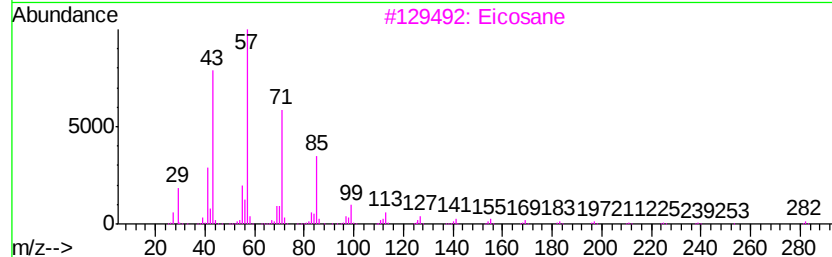
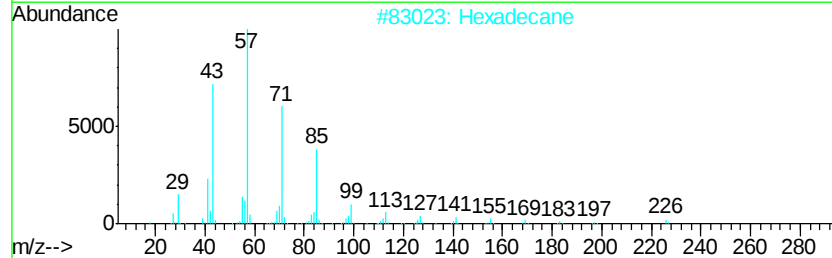
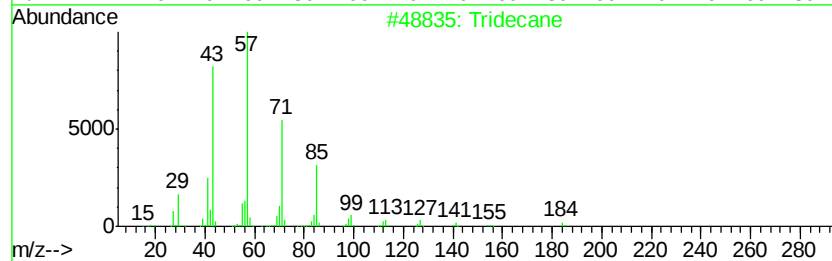
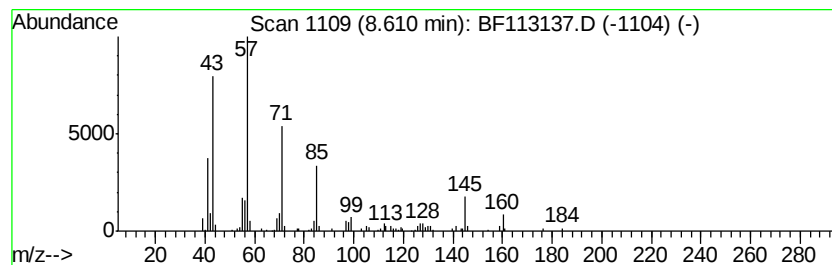
Instrument :
BNA_F
ClientSampleId :
OR-03-031819-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Tridecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.61	3.52 ng	193379	Naphthalene-d8	8.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	81
2	Hexadecane	226	C16H34	000544-76-3	72
3	Eicosane	282	C20H42	000112-95-8	64
4	Octane, 2-methyl-	128	C9H20	003221-61-2	64
5	Pentadecane	212	C15H32	000629-62-9	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
 Data File : BF113137.D
 Acq On : 19 Mar 2019 20:40
 Operator : JU/SJ
 Sample : K1693-09 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-031819-A

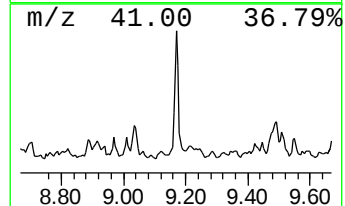
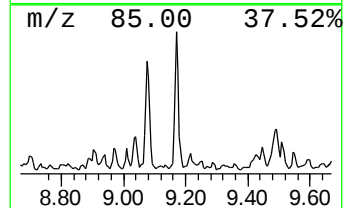
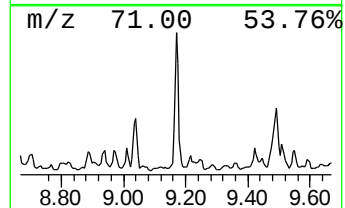
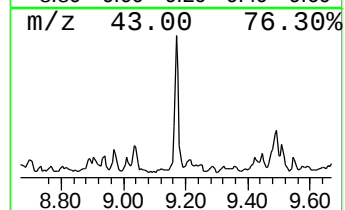
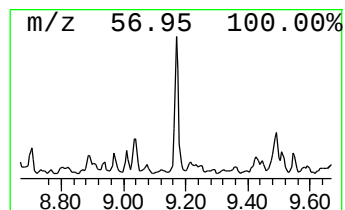
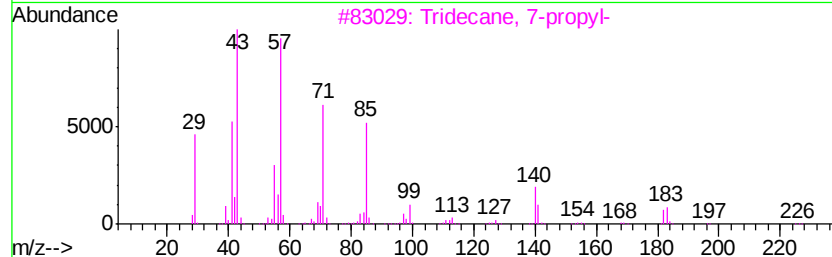
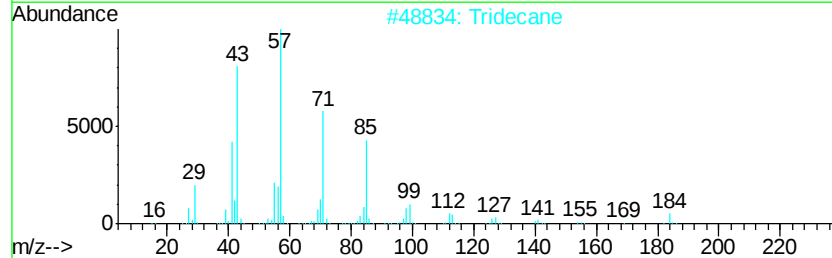
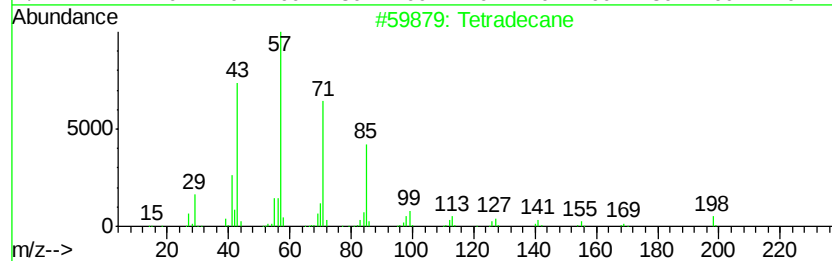
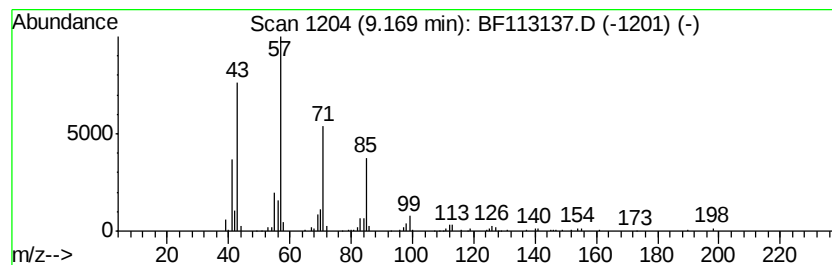
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 4 Tetradecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	4.02 ng	215177	Acenaphthene-d10	9.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	91
2			Tridecane	184	C13H28	000629-50-5	90
3			Tridecane, 7-propyl-	226	C16H34	055045-09-5	90
4			Hexadecane	226	C16H34	000544-76-3	90
5			Undecane	156	C11H24	001120-21-4	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113137.D
Acq On : 19 Mar 2019 20:40
Operator : JU/SJ
Sample : K1693-09 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-031819-A

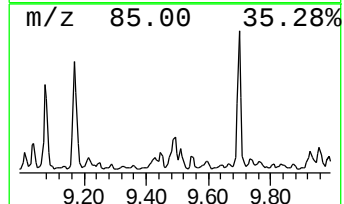
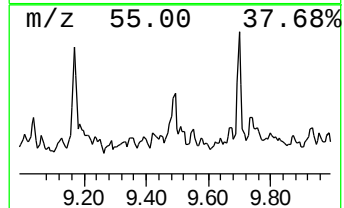
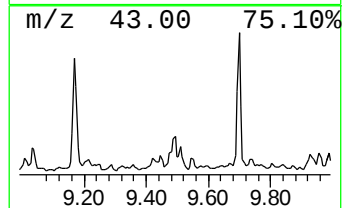
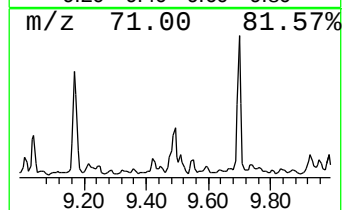
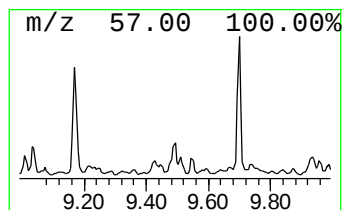
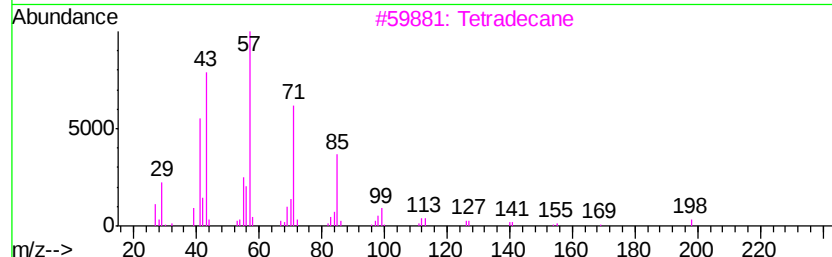
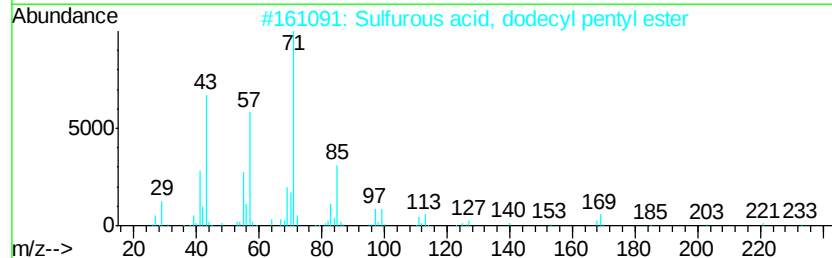
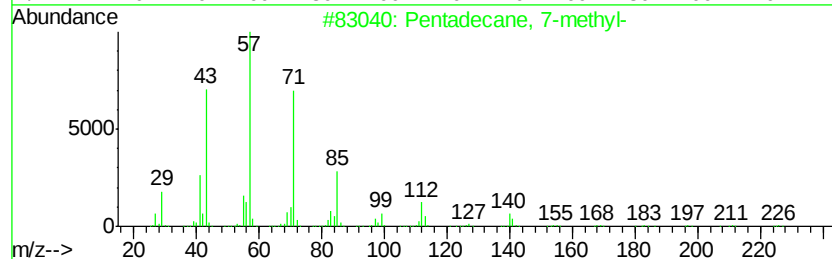
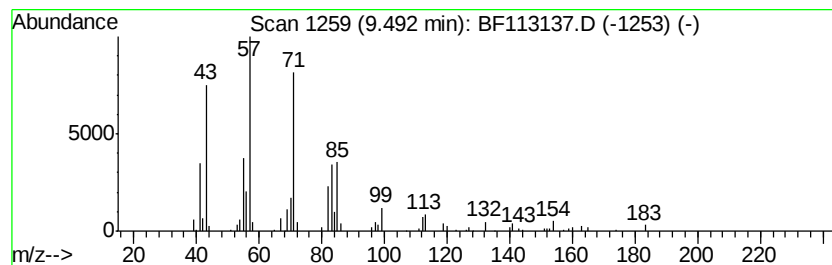
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Pentadecane, 7-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	3.17 ng	169735	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	52
2		Sulfurous acid, dodecyl pentyl e...	320	C17H36O3S	1000309-14-5	50
3		Tetradecane	198	C14H30	000629-59-4	49
4		Tetracosane	338	C24H50	000646-31-1	47
5		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113137.D
Acq On : 19 Mar 2019 20:40
Operator : JU/SJ
Sample : K1693-09 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-031819-A

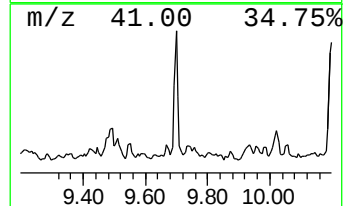
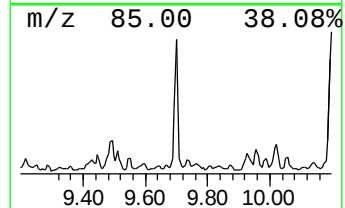
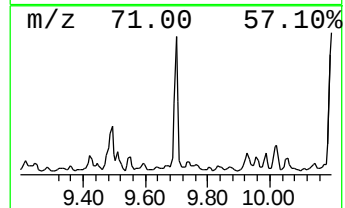
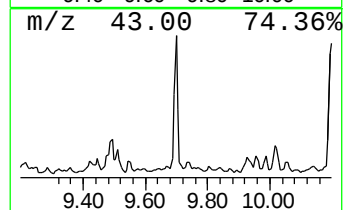
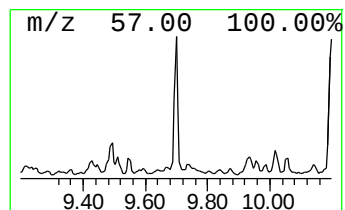
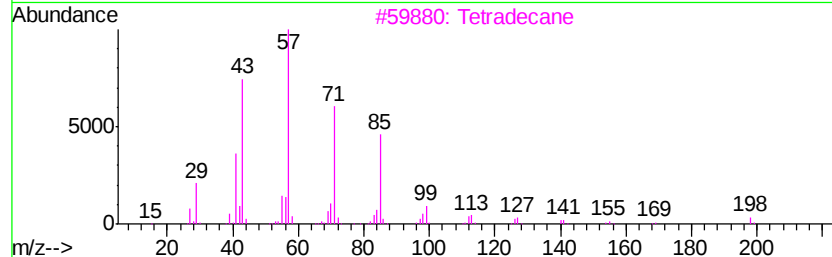
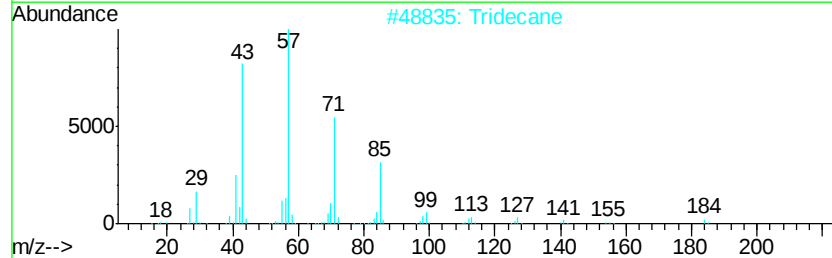
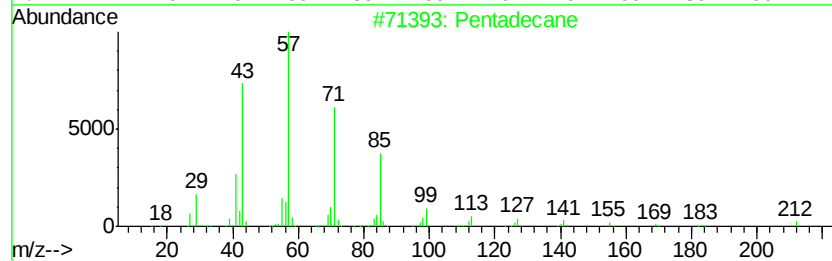
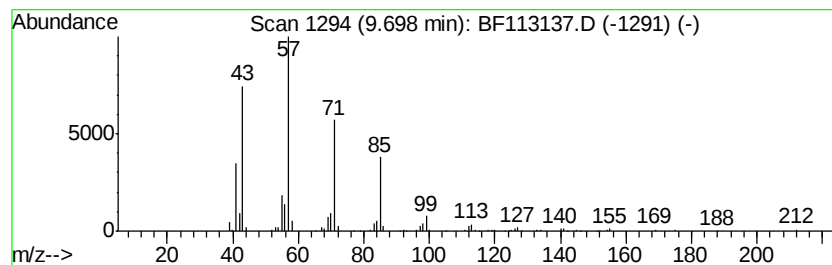
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Pentadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	4.50 ng	241246	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	94
2		Tridecane	184	C13H28	000629-50-5	90
3		Tetradecane	198	C14H30	000629-59-4	90
4		Hexadecane	226	C16H34	000544-76-3	80
5		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113137.D
Acq On : 19 Mar 2019 20:40
Operator : JU/SJ
Sample : K1693-09 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-031819-A

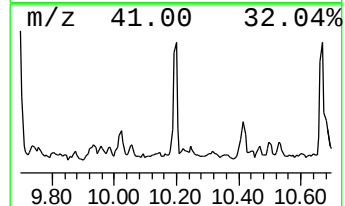
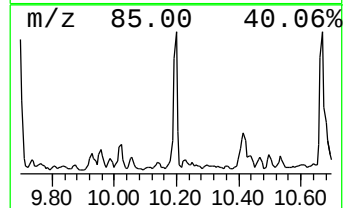
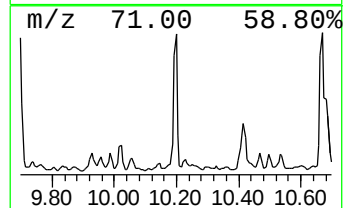
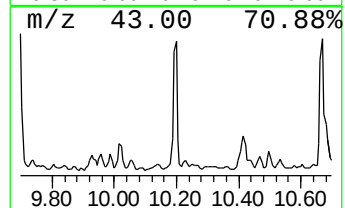
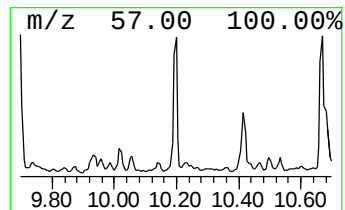
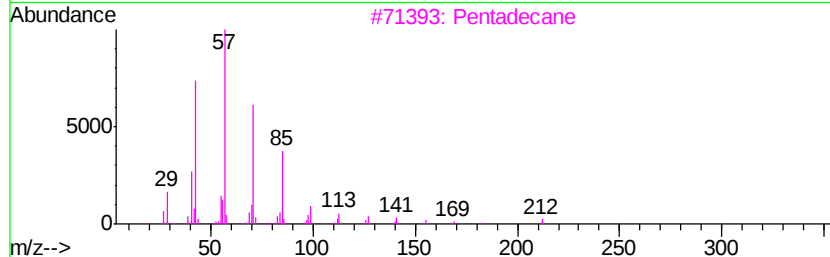
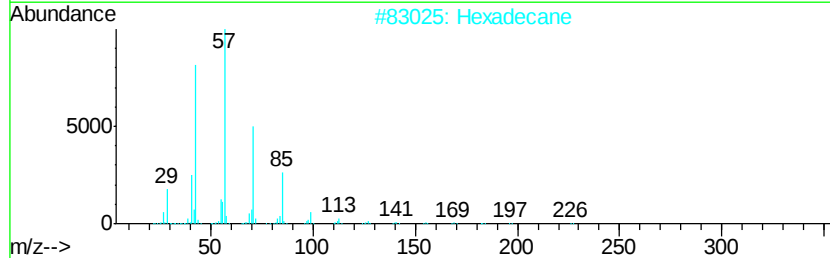
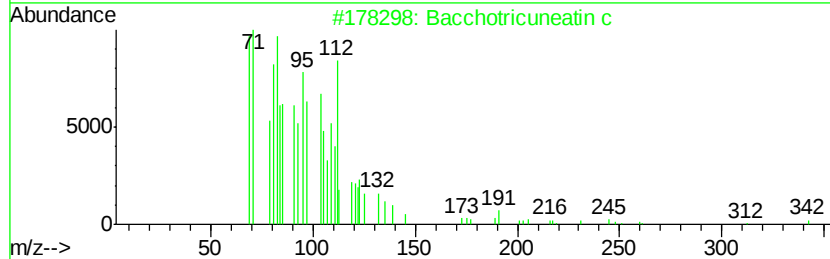
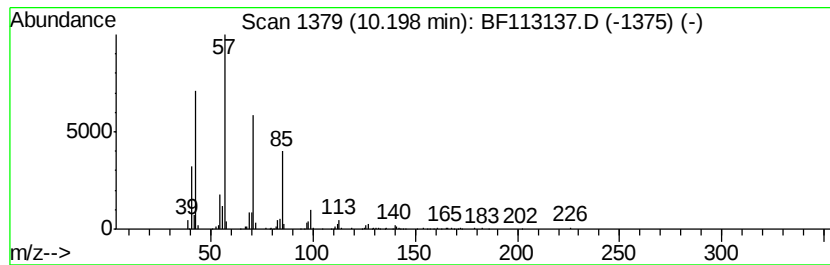
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Bacchotricuneatin c Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	4.80 ng	256936	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	97
2		Hexadecane	226	C16H34	000544-76-3	94
3		Pentadecane	212	C15H32	000629-62-9	90
4		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113137.D
Acq On : 19 Mar 2019 20:40
Operator : JU/SJ
Sample : K1693-09 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

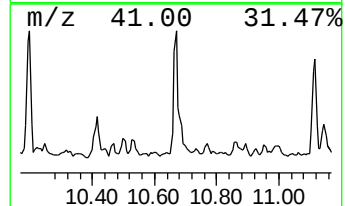
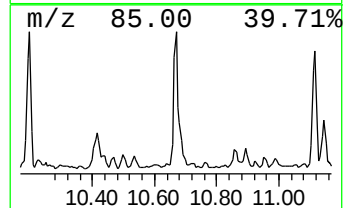
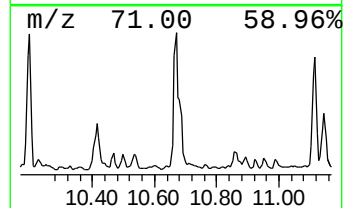
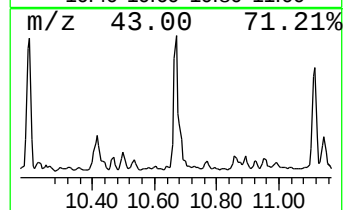
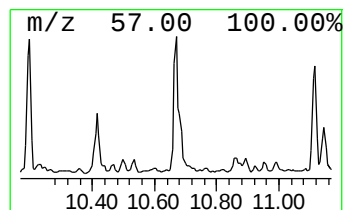
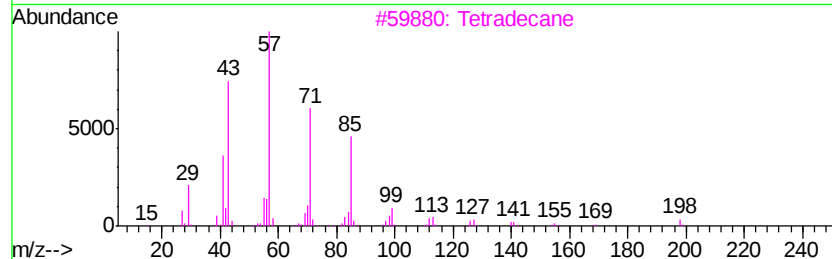
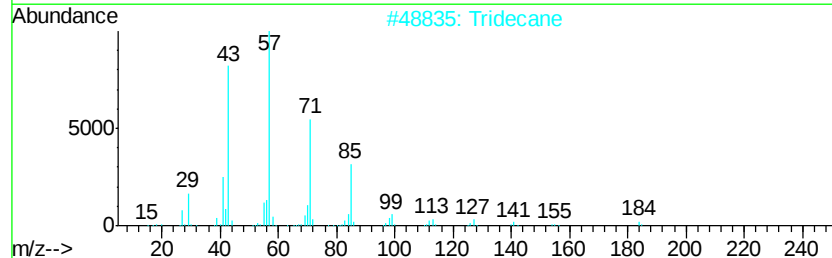
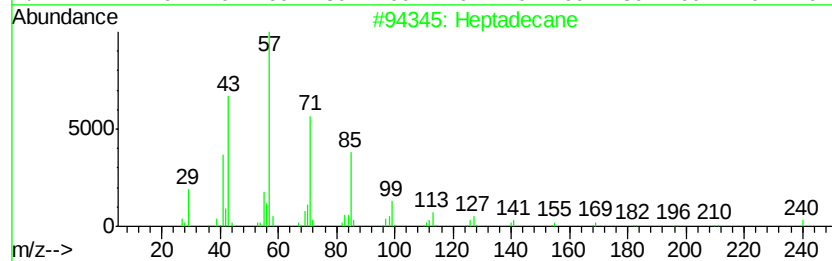
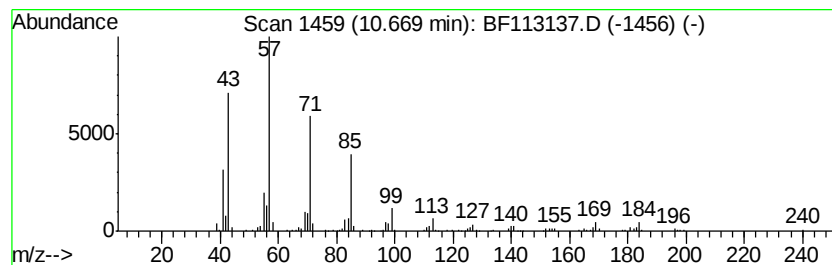
Instrument :
BNA_F
ClientSampleId :
OR-03-031819-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.67	9.04 ng	398872	Phenanthrene-d10	11.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Tridecane	184	C13H28	000629-50-5	93
3	Tetradecane	198	C14H30	000629-59-4	93
4	Eicosane	282	C20H42	000112-95-8	87
5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113137.D
Acq On : 19 Mar 2019 20:40
Operator : JU/SJ
Sample : K1693-09 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-031819-A

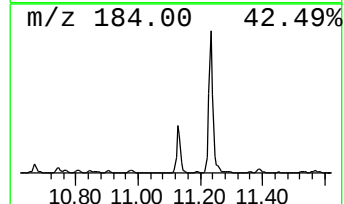
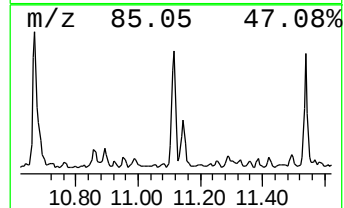
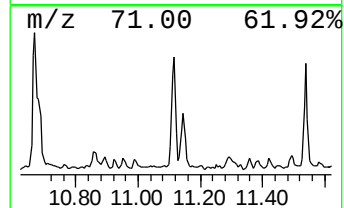
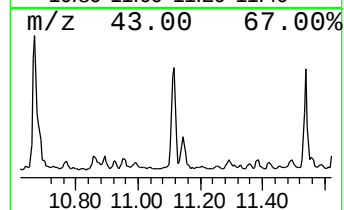
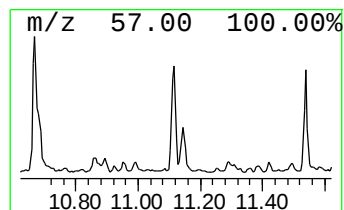
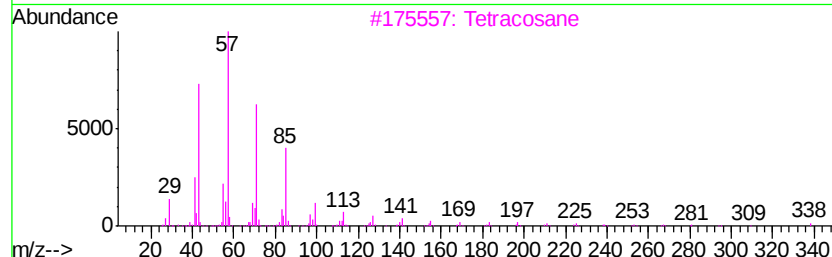
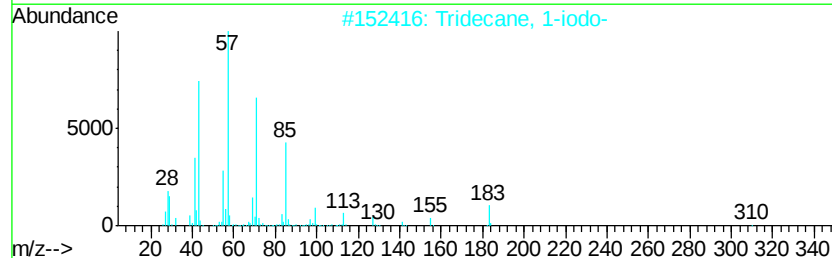
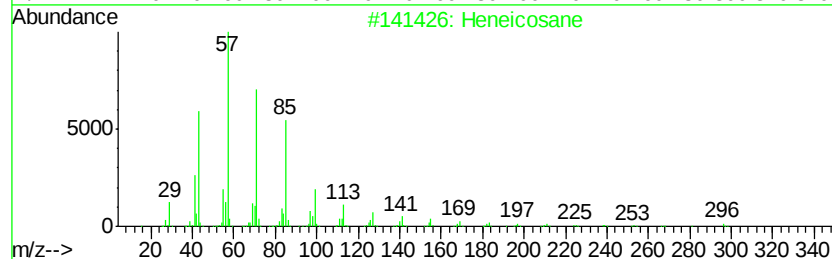
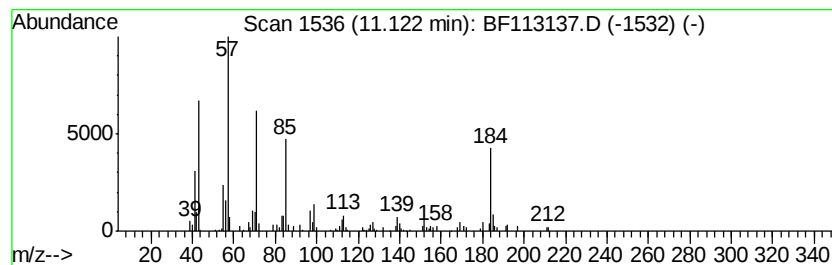
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	5.97 ng	263379	Phenanthrene-d10	11.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
3		Tetracosane	338	C24H50	000646-31-1	90
4		Tetradecane	198	C14H30	000629-59-4	86
5		Dodecane, 2-methyl-	184	C13H28	001560-97-0	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113137.D
Acq On : 19 Mar 2019 20:40
Operator : JU/SJ
Sample : K1693-09 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

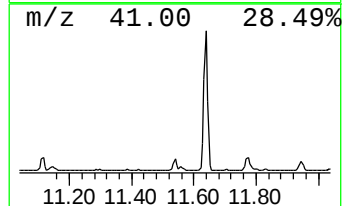
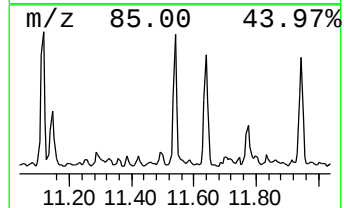
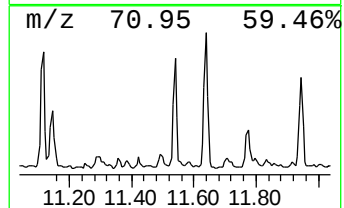
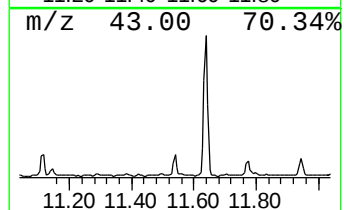
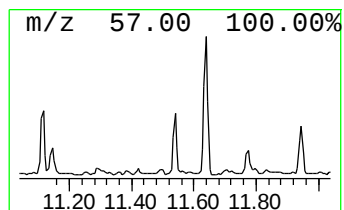
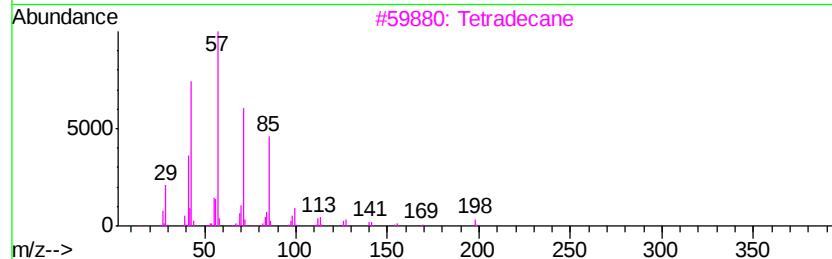
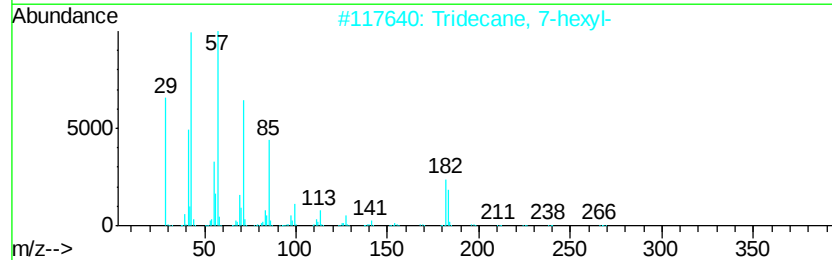
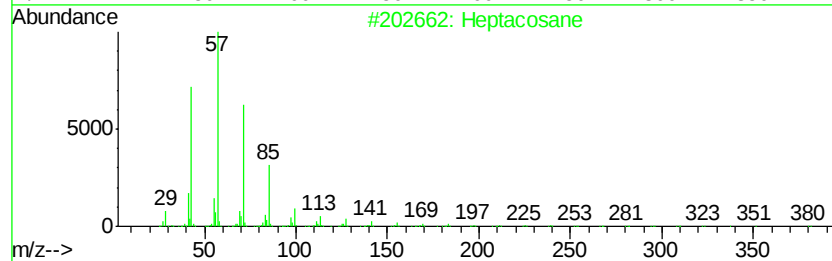
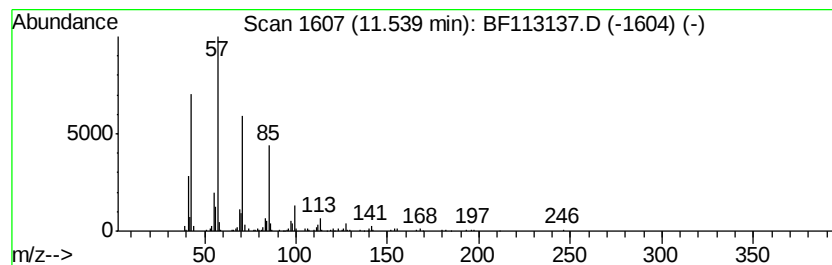
Instrument :
BNA_F
ClientSampleId :
OR-03-031819-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.54	4.58 ng	202052	Phenanthrene-d10		11.23
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	87
3	Tetradecane	198	C14H30	000629-59-4	87
4	Nonadecane	268	C19H40	000629-92-5	87
5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113137.D
Acq On : 19 Mar 2019 20:40
Operator : JU/SJ
Sample : K1693-09 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

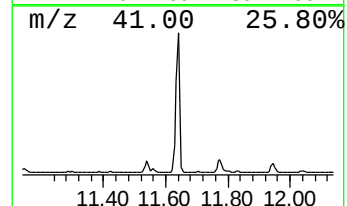
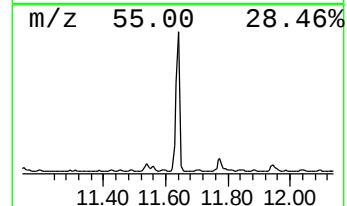
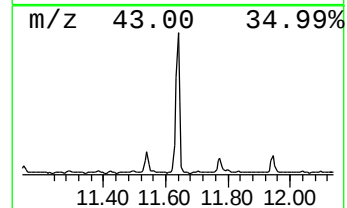
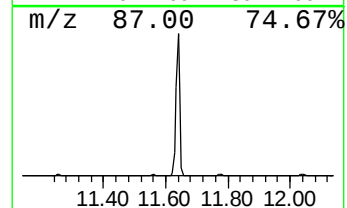
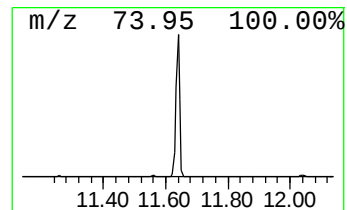
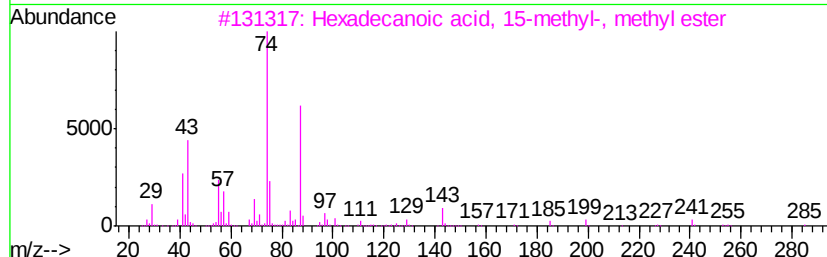
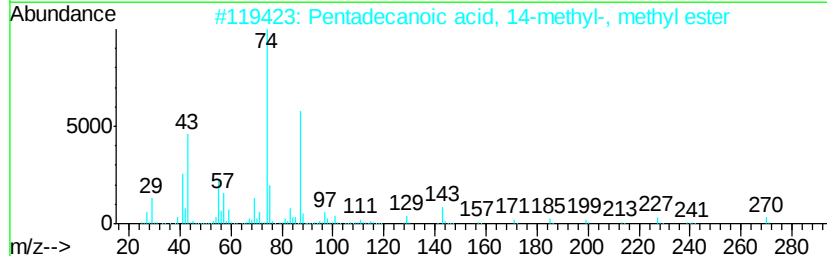
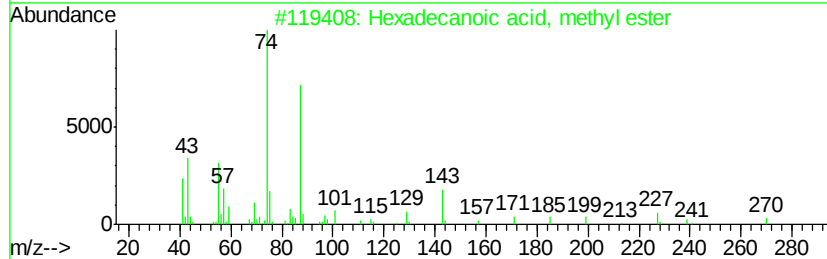
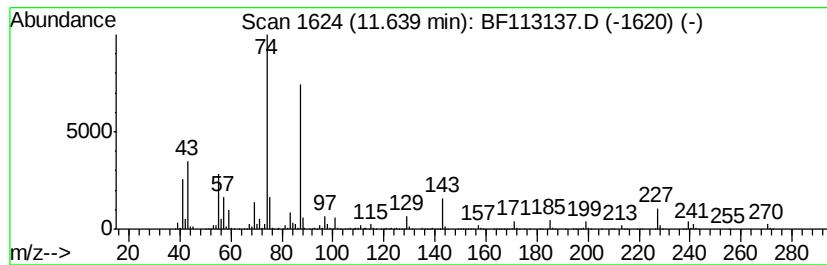
Instrument :
BNA_F
ClientSampleId :
OR-03-031819-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.64	70.35 ng	3105000	Phenanthrene-d10	11.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	92
3	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	86
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113137.D
Acq On : 19 Mar 2019 20:40
Operator : JU/SJ
Sample : K1693-09 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-031819-A

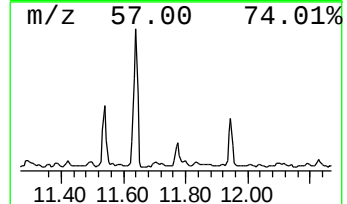
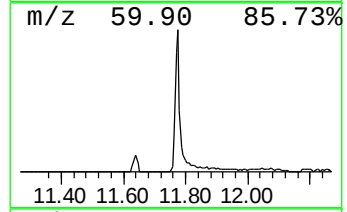
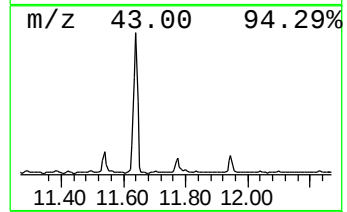
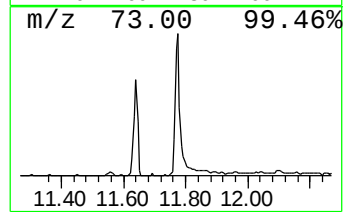
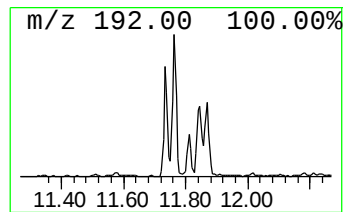
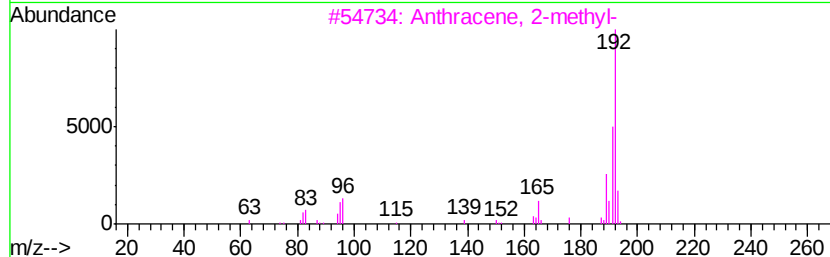
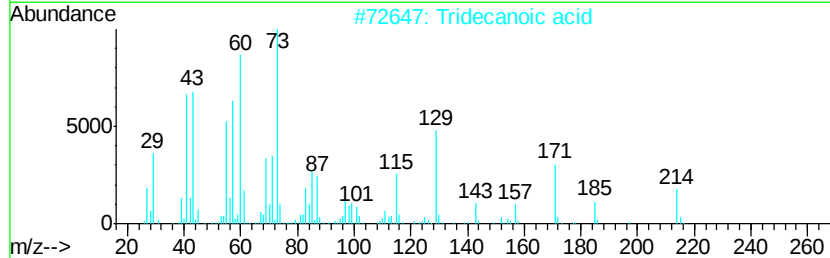
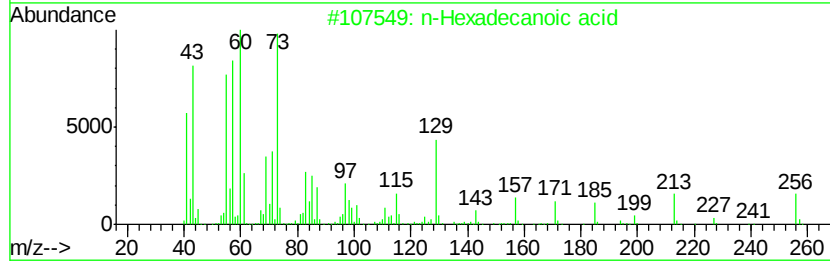
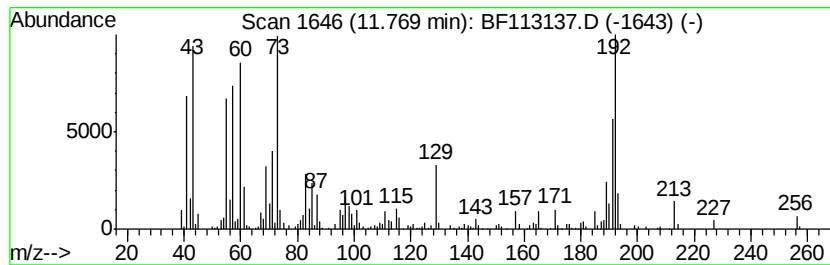
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	8.55 ng	377239	Phenanthrene-d10	11.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2			Tridecanoic acid	214	C13H26O2	000638-53-9	70
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	60
4			1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	52
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113137.D
Acq On : 19 Mar 2019 20:40
Operator : JU/SJ
Sample : K1693-09 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

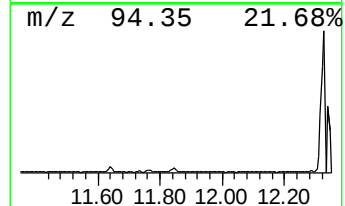
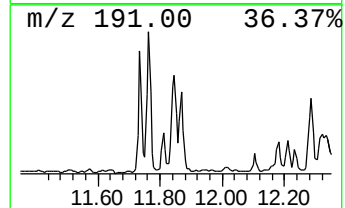
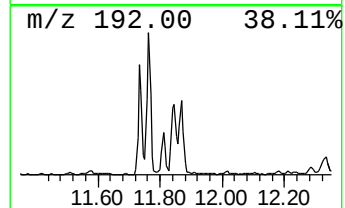
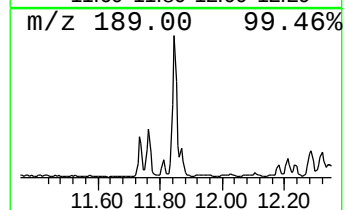
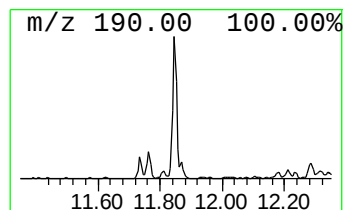
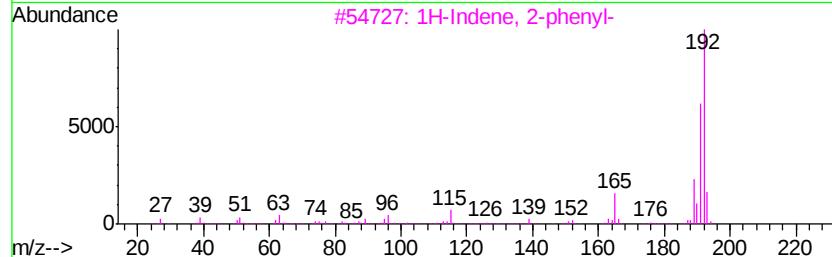
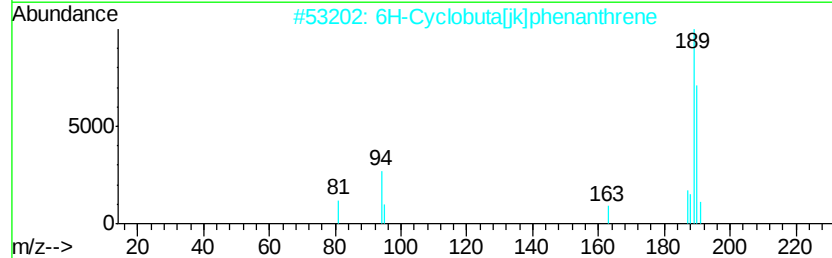
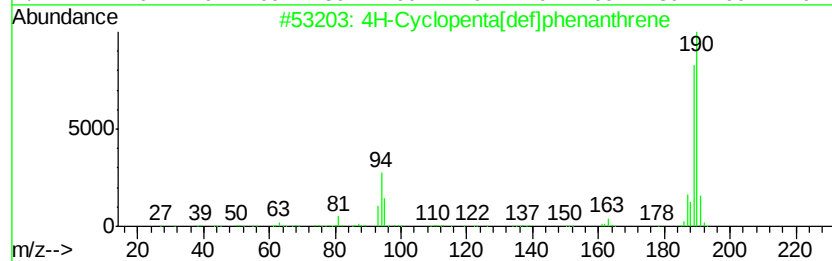
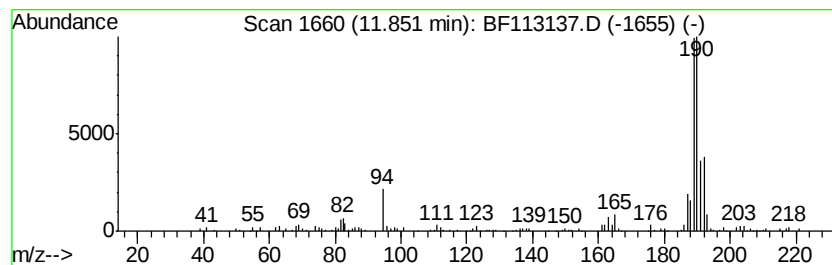
Instrument :
BNA_F
ClientSampleId :
OR-03-031819-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.85	5.15 ng	227314	Phenanthrene-d10	11.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	25
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
5	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113137.D
Acq On : 19 Mar 2019 20:40
Operator : JU/SJ
Sample : K1693-09 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

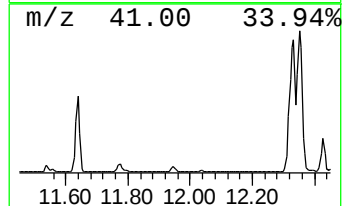
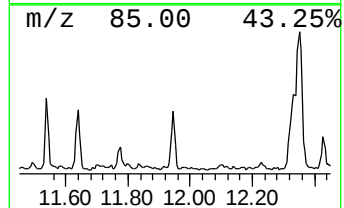
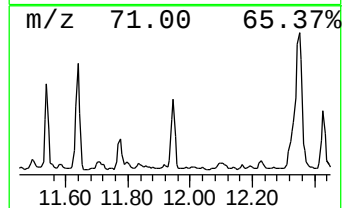
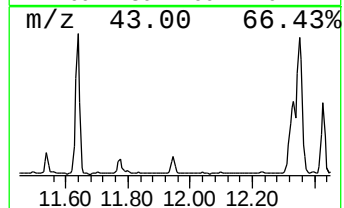
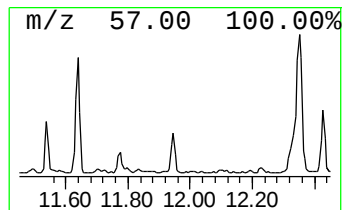
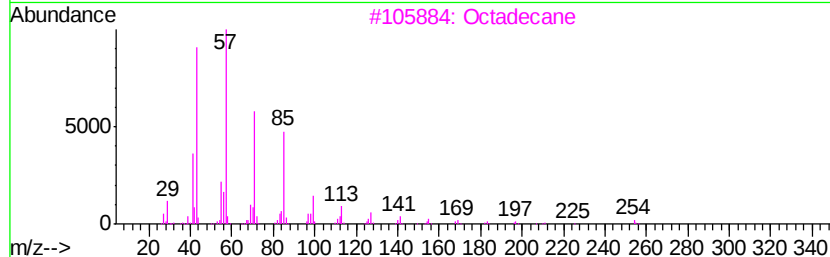
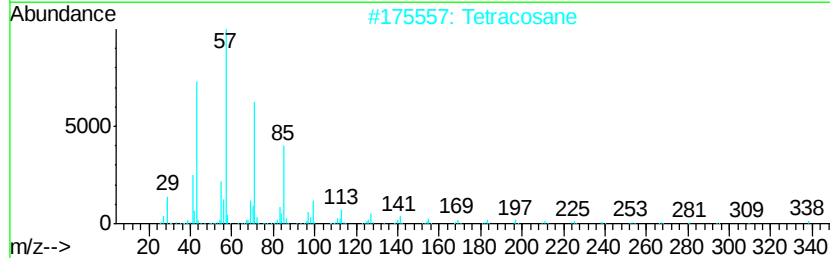
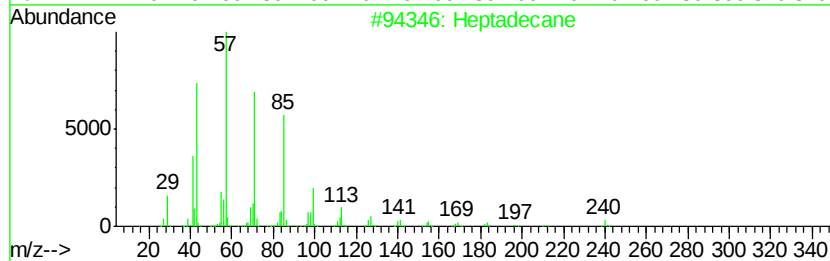
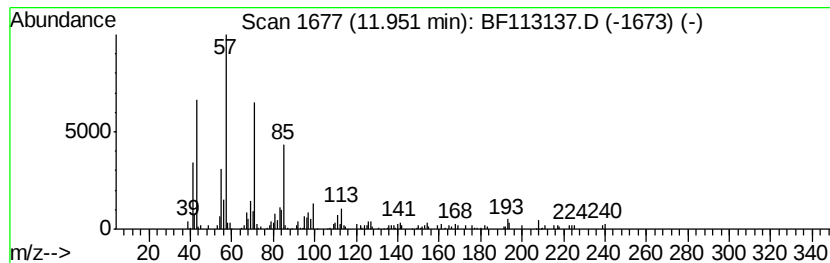
Instrument :
BNA_F
ClientSampleId :
OR-03-031819-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tridecane, 7-hexyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.95	5.24 ng	231227	Phenanthrene-d10	11.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	96
2	Tetracosane	338	C24H50	000646-31-1	91
3	Octadecane	254	C18H38	000593-45-3	90
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	87
5	Octacosane	394	C28H58	000630-02-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113137.D
Acq On : 19 Mar 2019 20:40
Operator : JU/SJ
Sample : K1693-09 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-031819-A

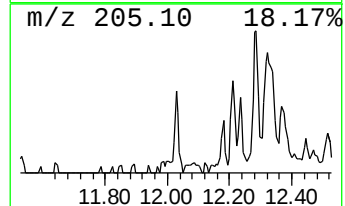
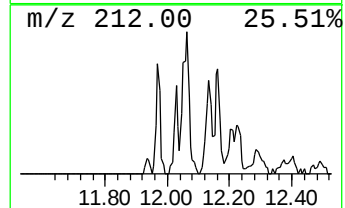
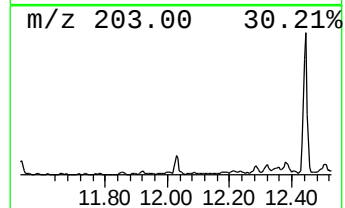
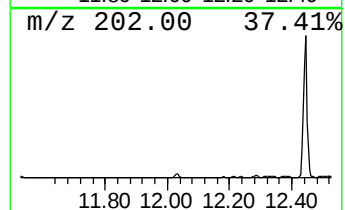
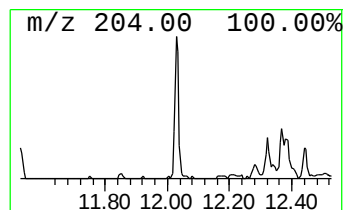
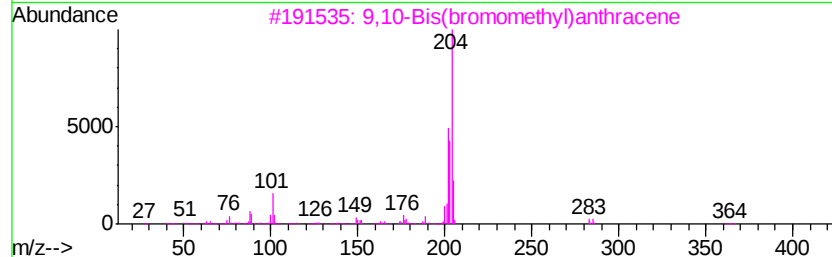
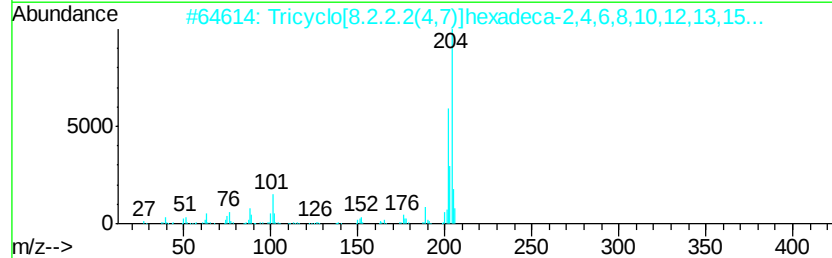
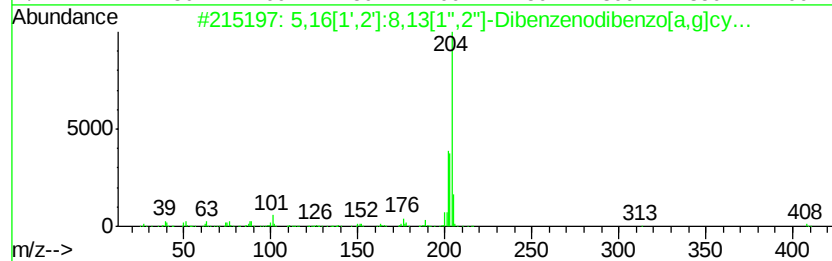
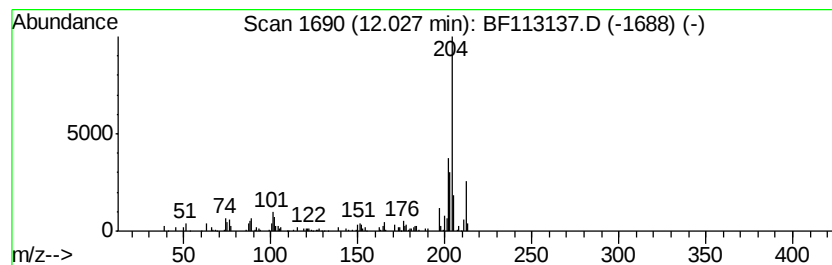
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	3.39 ng	149530	Phenanthrene-d10	11.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16	[1',2']	:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	58
2	Tricyclo	[8.2.2.2(4,7)]	hexadeca-2...	204	C16H12	006572-60-7	55
3	9,10-Bis	(bromomethyl)	anthracene	362	C16H12Br2	034373-96-1	49
4	6-Phenyl	benzocyclohepten-7-one		232	C17H12O	093327-56-1	45
5	Naphthalene,	2-phenyl-		204	C16H12	000612-94-2	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113137.D
Acq On : 19 Mar 2019 20:40
Operator : JU/SJ
Sample : K1693-09 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-031819-A

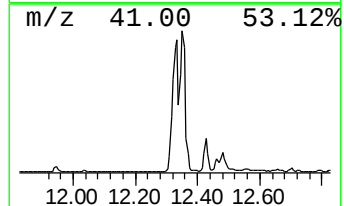
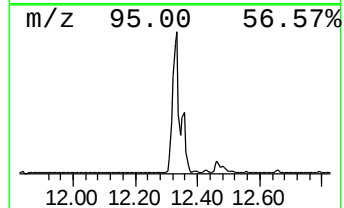
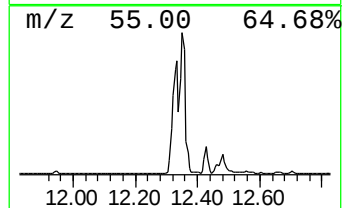
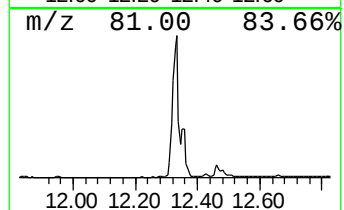
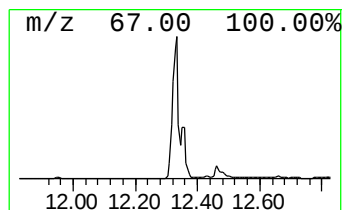
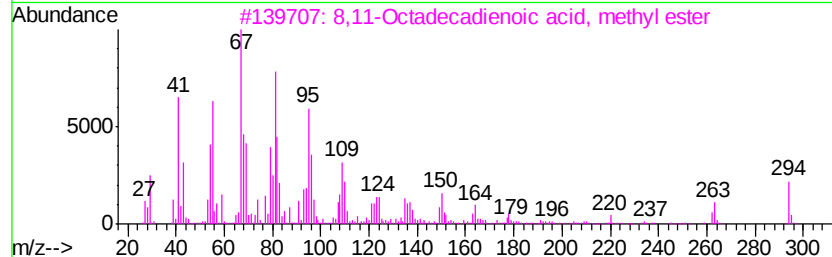
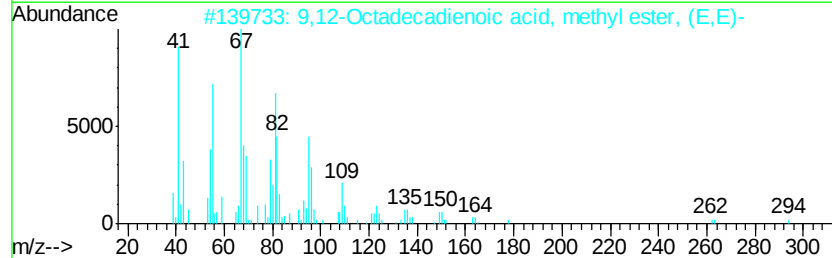
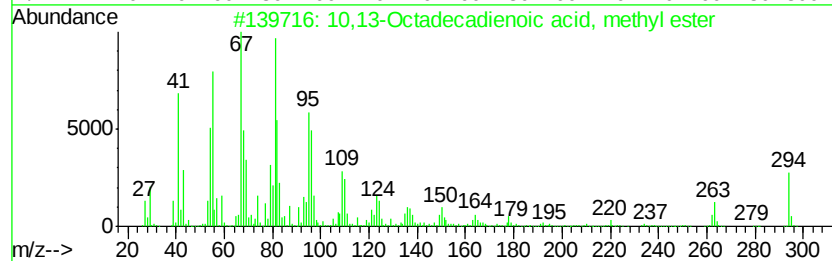
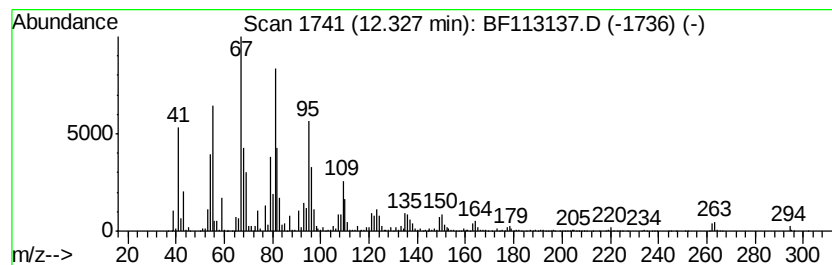
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 10,13-Octadecadienoic acid,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	194.46 ng	8582260	Phenanthrene-d10	11.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
2		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
3		8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
4		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113137.D
Acq On : 19 Mar 2019 20:40
Operator : JU/SJ
Sample : K1693-09 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-031819-A

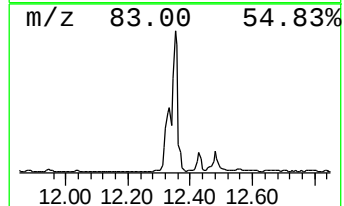
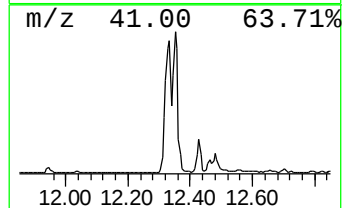
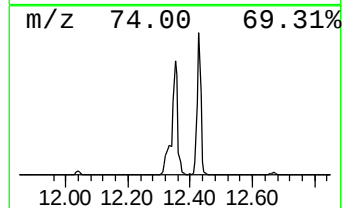
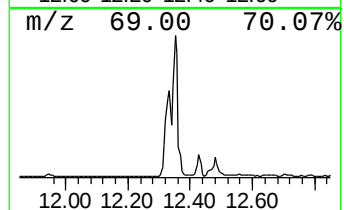
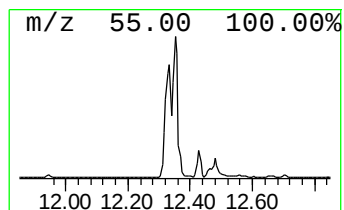
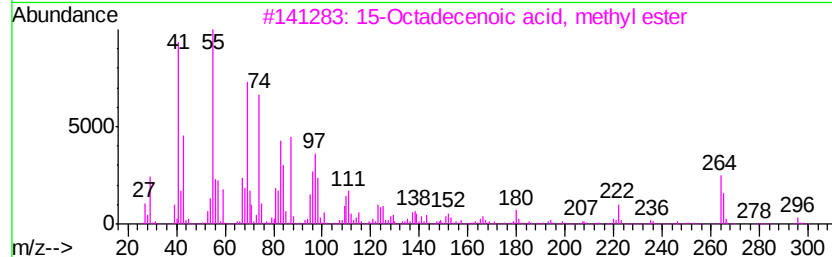
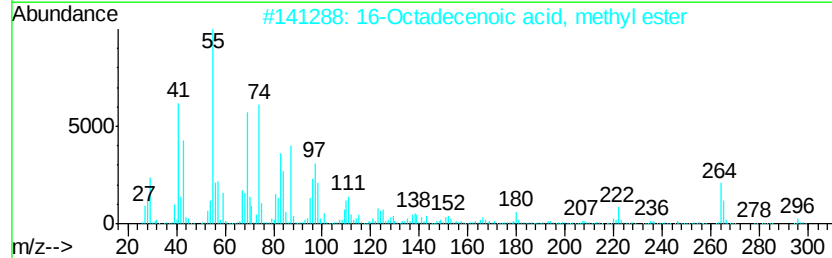
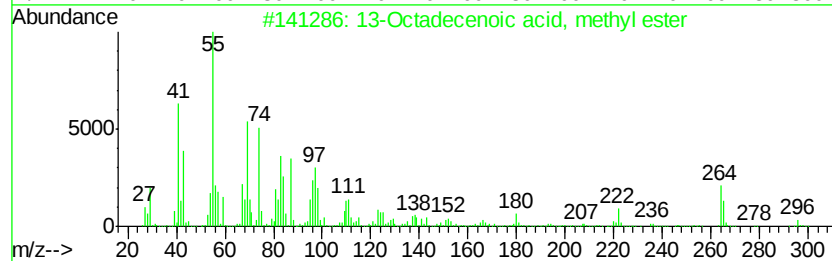
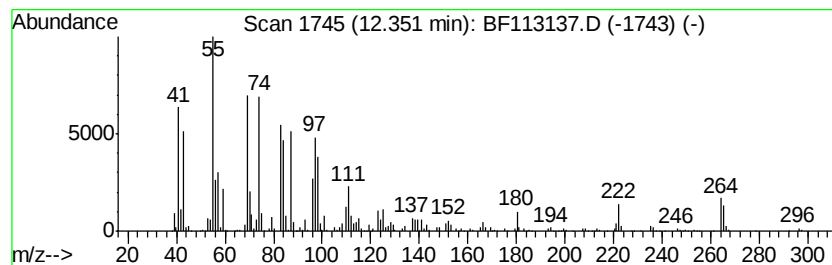
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 13-Octadecenoic acid, methyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	159.59 ng	7043160	Phenanthrene-d10	11.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	93
2			16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	91
3			15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	91
4			14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	91
5			12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113137.D
Acq On : 19 Mar 2019 20:40
Operator : JU/SJ
Sample : K1693-09 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-031819-A

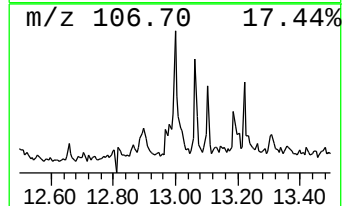
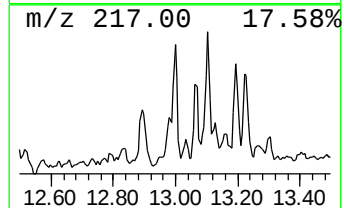
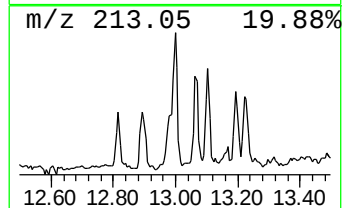
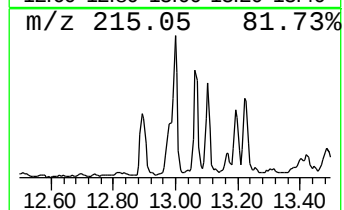
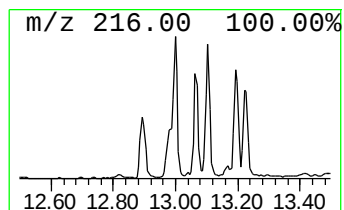
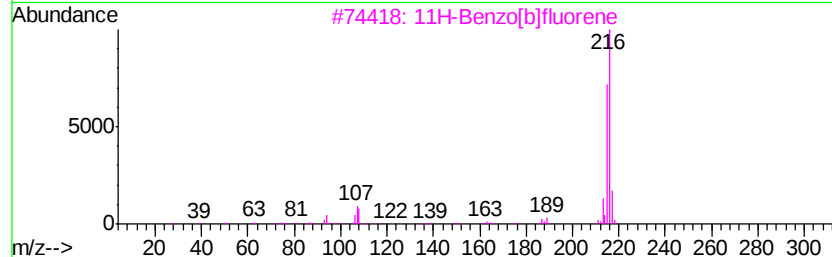
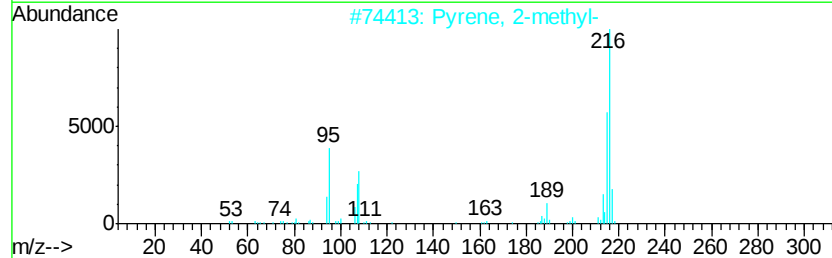
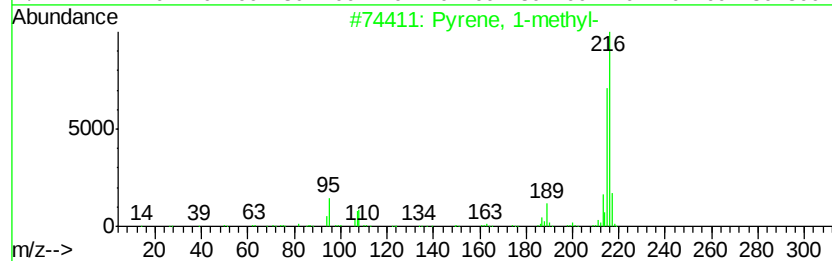
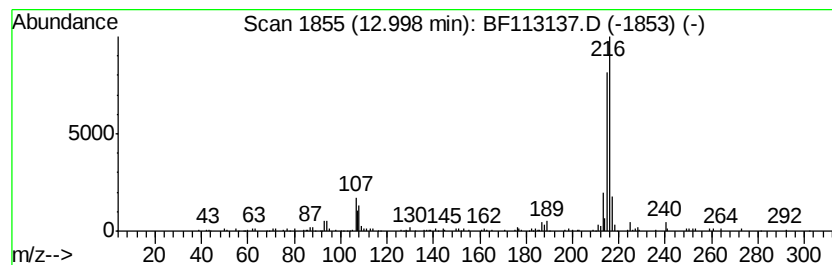
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	3.94 ng	213205	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2		Pyrene, 2-methyl-	216	C17H12	003442-78-2	87
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113137.D
Acq On : 19 Mar 2019 20:40
Operator : JU/SJ
Sample : K1693-09 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-031819-A

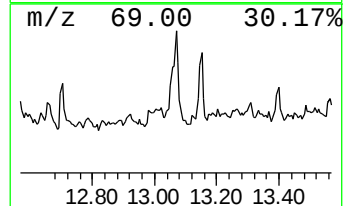
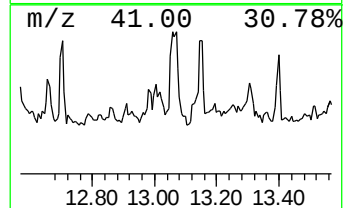
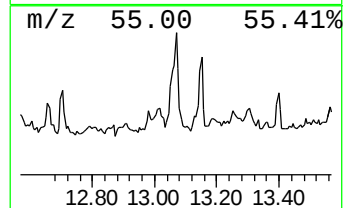
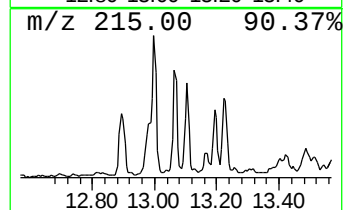
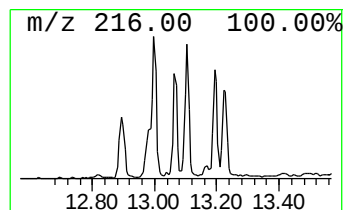
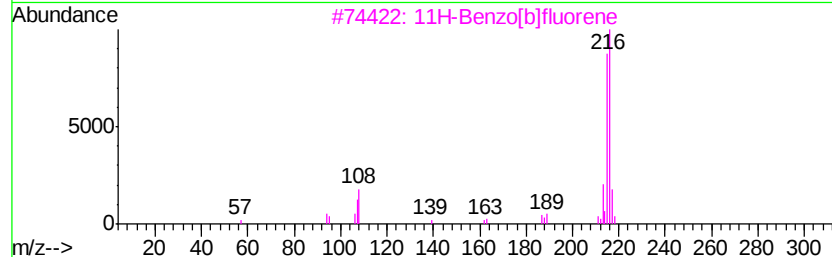
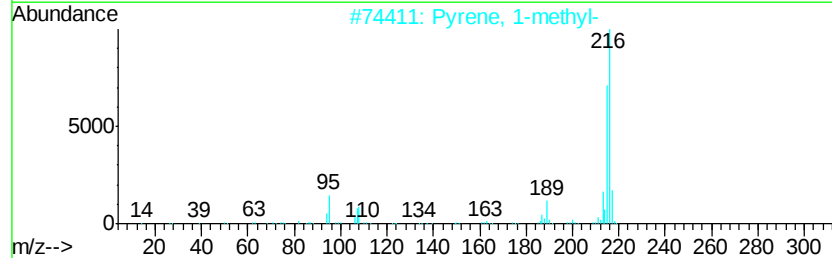
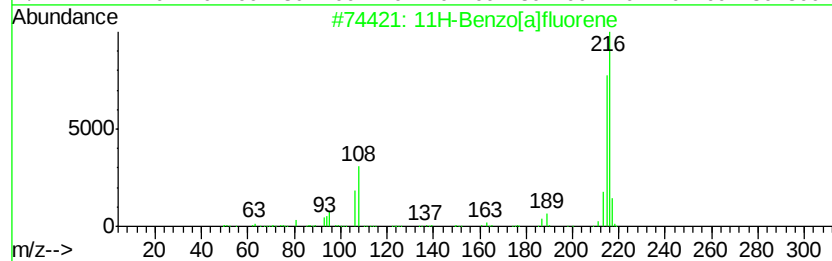
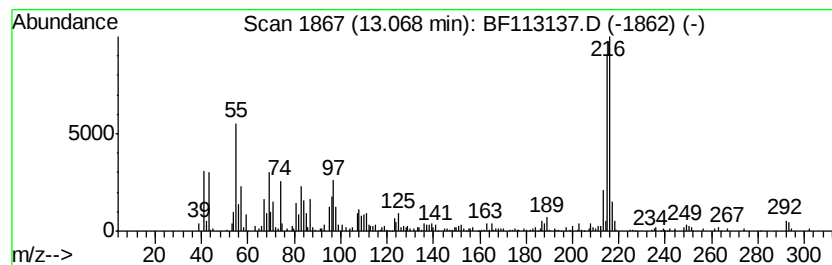
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 11H-Benzo[a]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	5.98 ng	323438	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	74
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	55
5		7H-Benzanthrene	216	C17H12	000199-94-0	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113137.D
Acq On : 19 Mar 2019 20:40
Operator : JU/SJ
Sample : K1693-09 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-031819-A

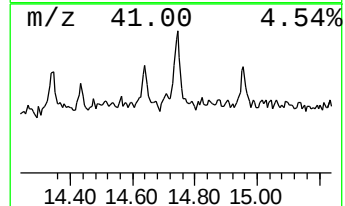
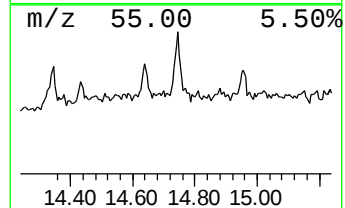
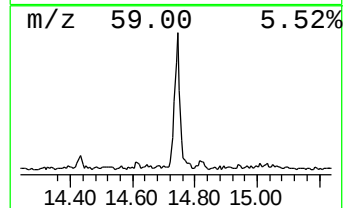
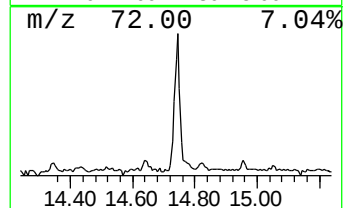
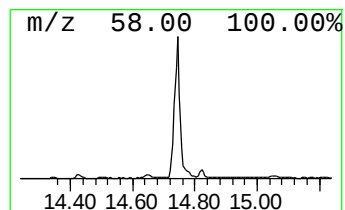
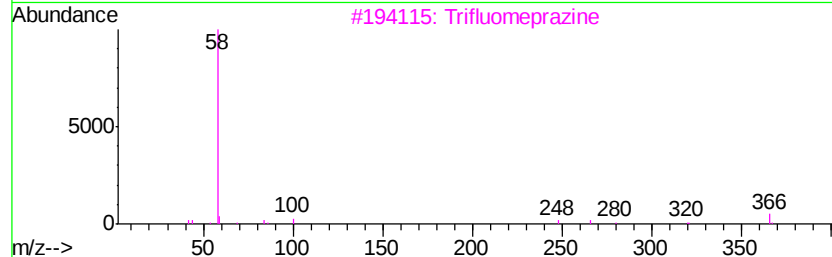
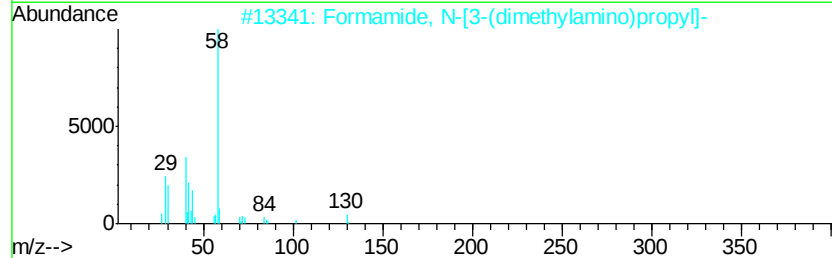
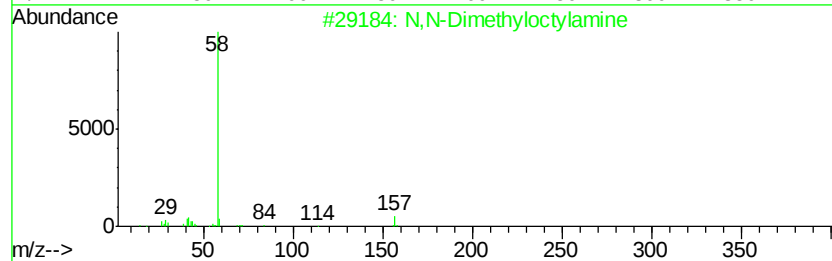
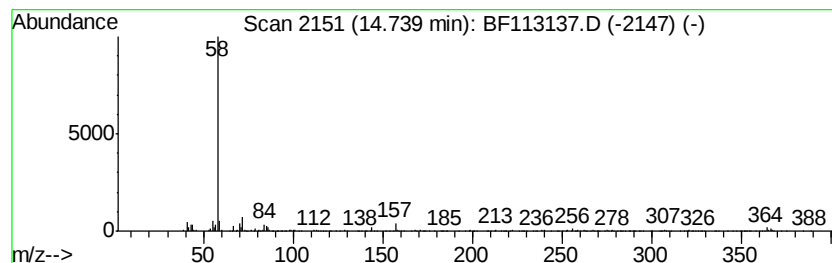
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 N,N-Dimethyloctylamine Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	16.16 ng	472330	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	72
2		Formamide, N-[3-(dimethylamino)p...	130	C6H14N2O	005922-69-0	72
3		Trifluomeprazine	366	C19H21F3N2S	002622-37-9	64
4		1-Dodecanamine, N,N-dimethyl-	213	C14H31N	000112-18-5	64
5		Chirald	283	C19H25NO	038345-66-3	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
 Data File : BF113137.D
 Acq On : 19 Mar 2019 20:40
 Operator : JU/SJ
 Sample : K1693-09 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-031819-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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
unknown6.49	6.49	19.4	ng	767540	1	6.72	790910	20.0
Tridecane	8.61	3.5	ng	193379	2	8.00	1097510	20.0
Tetradecane	9.17	4.0	ng	215177	3	9.76	1071550	20.0
Pentadecane, 7-me...	9.49	3.2	ng	169735	3	9.76	1071550	20.0
Pentadecane	9.70	4.5	ng	241246	3	9.76	1071550	20.0
Bacchotricuneatin c	10.20	4.8	ng	256936	3	9.76	1071550	20.0
Heptadecane	10.67	9.0	ng	398872	4	11.23	882672	20.0
Heneicosane	11.12	6.0	ng	263379	4	11.23	882672	20.0
Heptacosane	11.54	4.6	ng	202052	4	11.23	882672	20.0
Hexadecanoic acid...	11.64	70.3	ng	3105000	4	11.23	882672	20.0
n-Hexadecanoic acid	11.77	8.6	ng	377239	4	11.23	882672	20.0
4H-Cyclopenta[def...	11.85	5.2	ng	227314	4	11.23	882672	20.0
Tridecane, 7-hexyl-	11.95	5.2	ng	231227	4	11.23	882672	20.0
5,16[1',2']:8,13[...	12.03	3.4	ng	149530	4	11.23	882672	20.0
10,13-Octadecadie...	12.33	194.5	ng	8582260	4	11.23	882672	20.0
13-Octadecenoic a...	12.35	159.6	ng	7043160	4	11.23	882672	20.0
Pyrene, 1-methyl-	13.00	3.9	ng	213205	5	13.86	1081080	20.0
11H-Benzo[a]fluorene	13.07	6.0	ng	323438	5	13.86	1081080	20.0
N,N-Dimethyloctyl...	14.74	16.2	ng	472330	6	15.27	584682	20.0