

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091018\
 Data File : BF108892.D
 Acq On : 10 Sep 2018 14:56
 Operator : JU/SJ
 Sample : J4776-03 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-090718-B

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-BF090518.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	5.337	506	510	514	rBV	973406	843655	6.26%	1.505%
2	6.360	681	684	691	rBV	1145566	875519	6.50%	1.561%
3	6.501	704	708	712	rBV	1172899	926628	6.88%	1.653%
4	6.737	745	748	752	rBV	1635310	1260902	9.36%	2.249%
5	6.895	771	775	778	rBV	862767	729300	5.41%	1.301%
6	7.289	837	842	845	rBV	673578	551133	4.09%	0.983%
7	8.019	962	966	969	rBV	2024865	1633413	12.12%	2.913%
8	9.095	1145	1149	1152	rBV	1228157	1038648	7.71%	1.852%
9	9.354	1189	1193	1200	rBV7	130911	188258	1.40%	0.336%
10	9.430	1200	1206	1208	rBV3	78808	154980	1.15%	0.276%
11	9.483	1213	1215	1218	rBV	250637	223708	1.66%	0.399%
12	9.719	1252	1255	1258	rBV	222759	193391	1.44%	0.345%
13	9.772	1260	1264	1267	rVV	1739913	1615522	11.99%	2.881%
14	10.213	1336	1339	1342	rVB	378342	298151	2.21%	0.532%
15	10.436	1373	1377	1380	rBV	189591	212515	1.58%	0.379%
16	10.548	1393	1396	1401	rVB	626342	518250	3.85%	0.924%
17	10.683	1416	1419	1426	rVB	503505	575979	4.27%	1.027%
18	11.130	1492	1495	1498	rBV2	482512	431233	3.20%	0.769%
19	11.166	1498	1501	1506	rVB	216433	214095	1.59%	0.382%
20	11.248	1511	1515	1517	rBV	1525863	1310411	9.72%	2.337%
21	11.272	1517	1519	1522	rVB	336455	271751	2.02%	0.485%
22	11.319	1524	1527	1530	rVB	164462	150178	1.11%	0.268%
23	11.554	1564	1567	1570	rBV	392072	376582	2.79%	0.672%
24	11.654	1581	1584	1588	rVB	4285814	3898457	28.93%	6.953%
25	11.789	1602	1607	1610	rVV2	677251	691637	5.13%	1.234%
26	11.854	1615	1618	1621	rBV	215741	236158	1.75%	0.421%
27	11.966	1634	1637	1642	rVB2	349175	367082	2.72%	0.655%
28	12.348	1696	1702	1704	rBV	9818667	13474810	100.00%	24.032%
29	12.371	1704	1706	1711	rVV	9161356	7994883	59.33%	14.259%
30	12.448	1715	1719	1722	rBV2	2935658	2758334	20.47%	4.919%
31	12.483	1722	1725	1726	rVV	1102997	1121048	8.32%	1.999%
32	12.501	1726	1728	1738	rVV	1505097	1985996	14.74%	3.542%
33	12.571	1738	1740	1744	rVB	245900	240644	1.79%	0.429%
34	12.683	1754	1759	1762	rBV	642968	678225	5.03%	1.210%

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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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.724	1763	1766	1769	rVB2	201177	176316	1.31%	0.314%
36	12.830	1781	1784	1790	rVB	818065	772827	5.74%	1.378%
37	13.001	1810	1813	1818	rBV3	176353	319382	2.37%	0.570%
38	13.077	1823	1826	1830	rVB2	273373	361885	2.69%	0.645%
39	13.166	1839	1841	1843	rBV	262069	243109	1.80%	0.434%
40	13.230	1849	1852	1857	rVB4	143533	191828	1.42%	0.342%
41	13.324	1865	1868	1871	rVB4	165683	167762	1.25%	0.299%
42	13.583	1909	1912	1915	rVB2	162618	215665	1.60%	0.385%
43	13.836	1952	1955	1957	rBV	258931	246540	1.83%	0.440%
44	13.871	1957	1961	1964	rVV2	1564632	1718692	12.75%	3.065%
45	13.895	1964	1965	1969	rVB	272769	222188	1.65%	0.396%
46	14.660	2093	2095	2101	rVB3	273529	282095	2.09%	0.503%
47	14.765	2109	2113	2116	rBV	559710	693342	5.15%	1.237%
48	14.977	2147	2149	2153	rVB2	294369	318464	2.36%	0.568%
49	15.224	2188	2191	2195	rVV	219299	232906	1.73%	0.415%
50	15.283	2197	2201	2205	rVV	956803	1131600	8.40%	2.018%
51	15.336	2208	2210	2215	rVB	306883	355098	2.64%	0.633%
52	15.748	2277	2280	2284	rVB	309390	378571	2.81%	0.675%

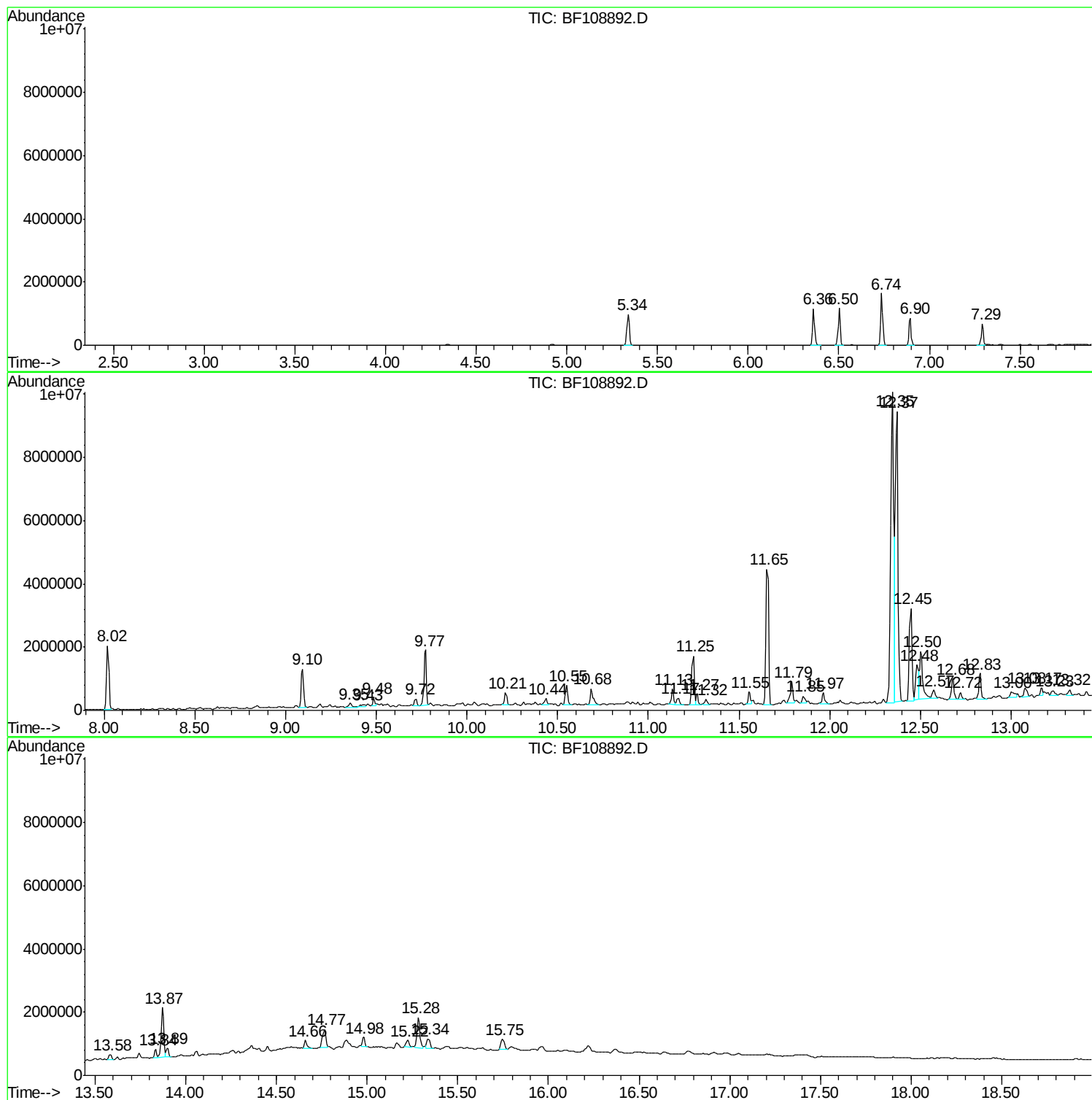
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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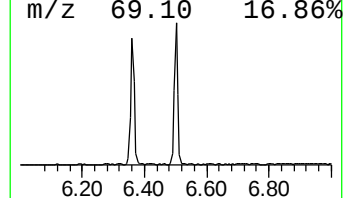
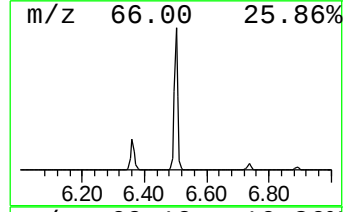
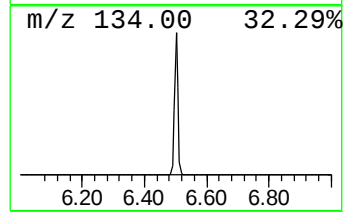
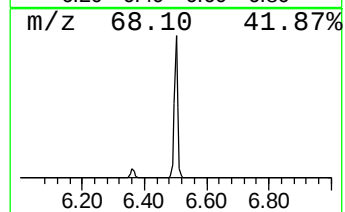
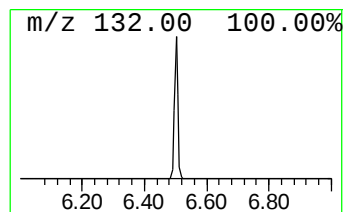
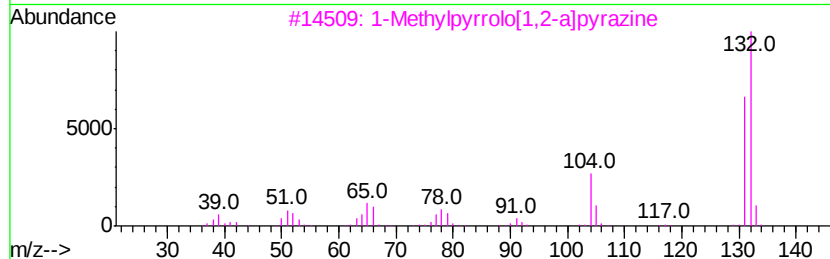
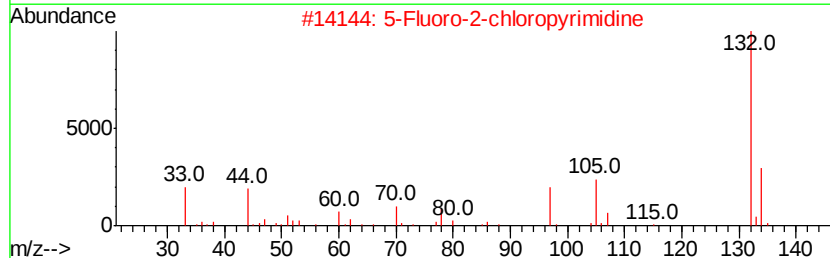
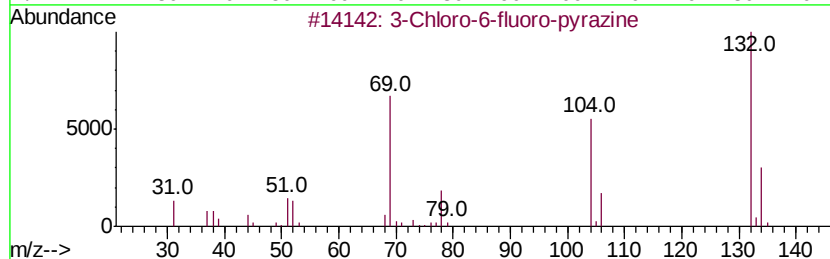
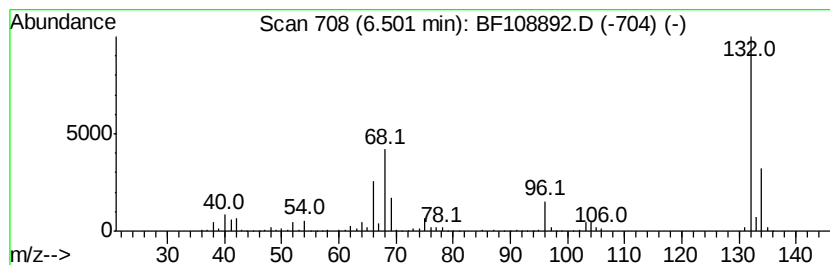
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.50 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	14.70 ng	926628	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
3		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9



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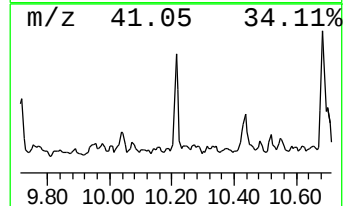
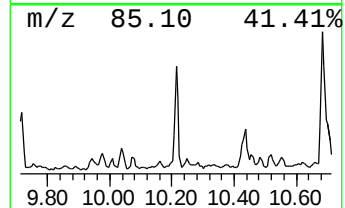
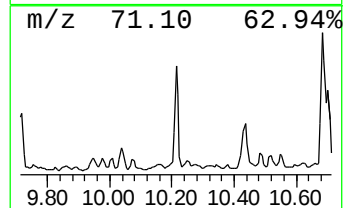
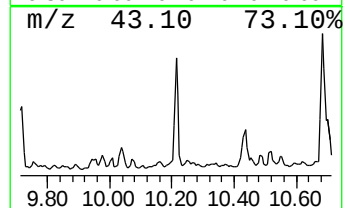
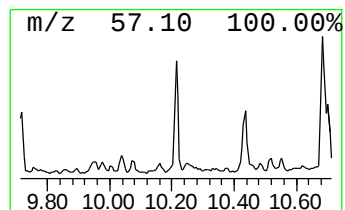
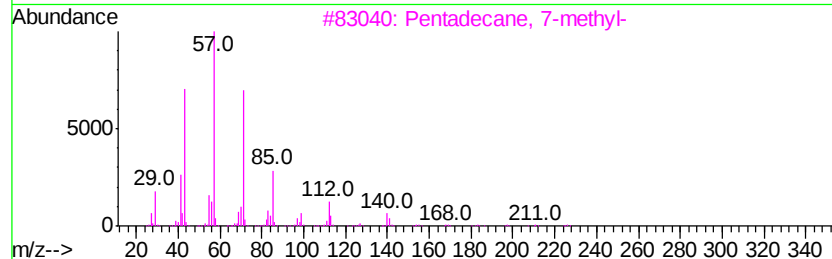
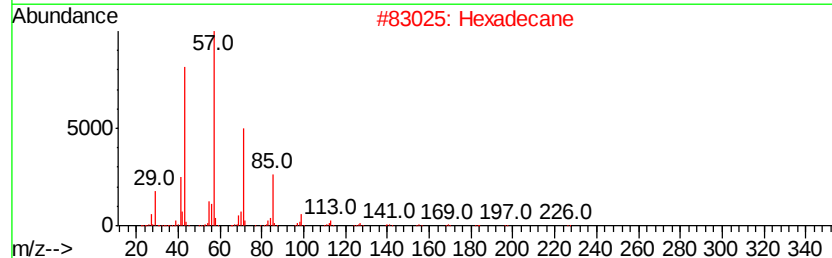
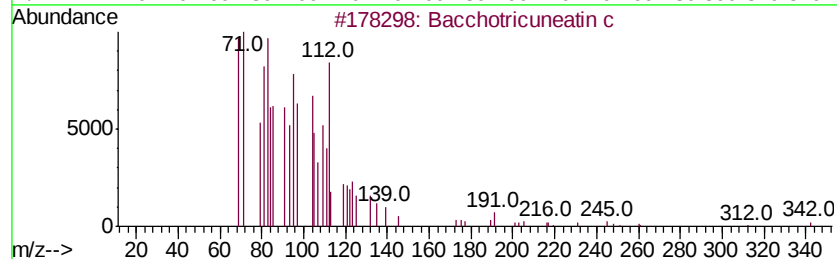
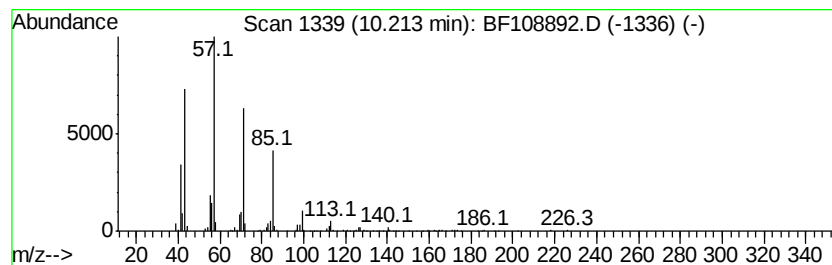
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Bacchotricuneatin c Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.21	3.69 ng	298151	Acenaphthene-d10		9.77	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bacchotricuneatin c	342	C20H22O5	066563-30-2	96
2		Hexadecane	226	C16H34	000544-76-3	95
3		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	81
4		Tetracosane	338	C24H50	000646-31-1	78
5		Heptadecane	240	C17H36	000629-78-7	78



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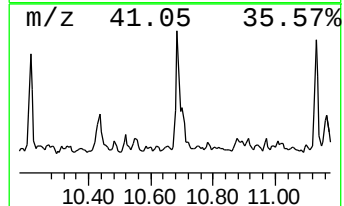
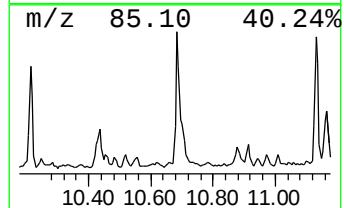
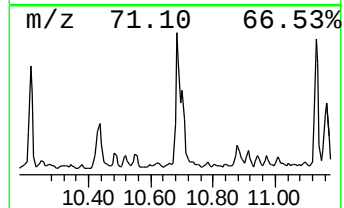
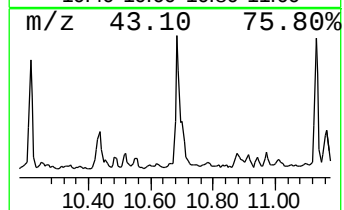
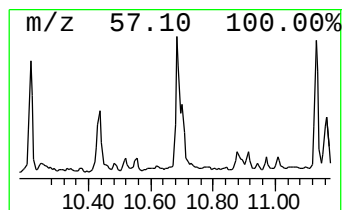
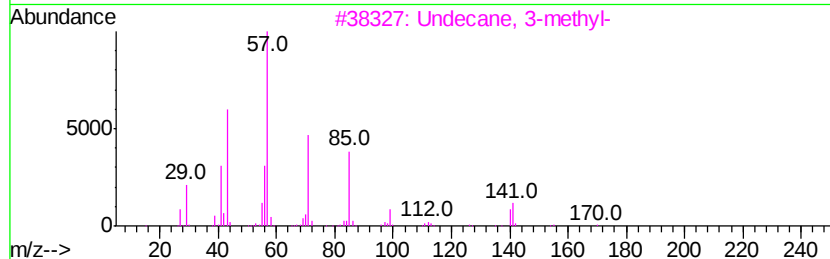
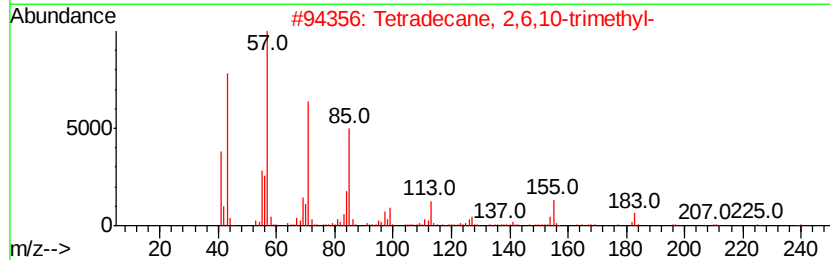
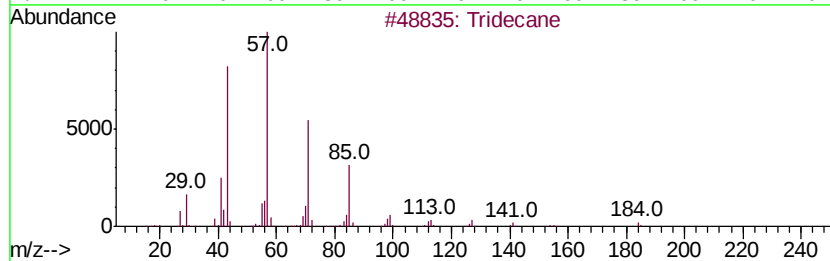
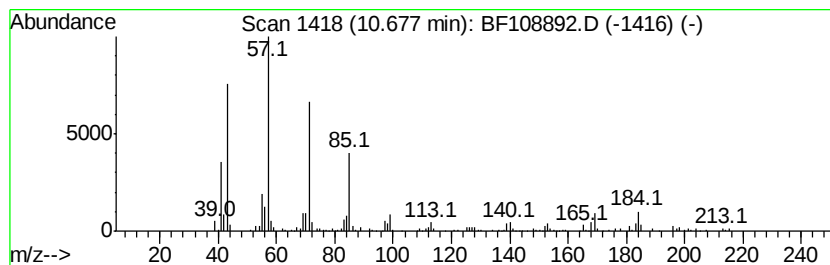
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.68	8.79 ng	575979	Phenanthrene-d10	11.25	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	86
2	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	80
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	80
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	72
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	70



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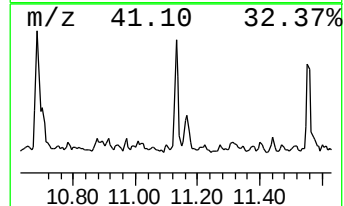
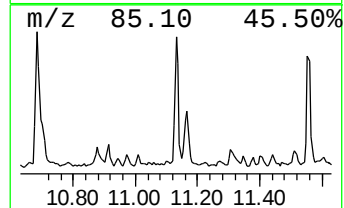
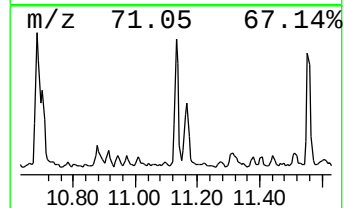
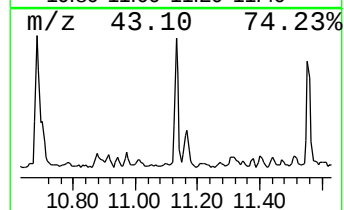
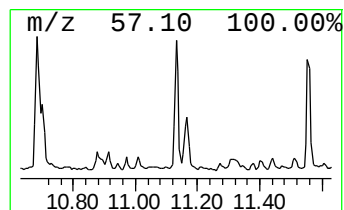
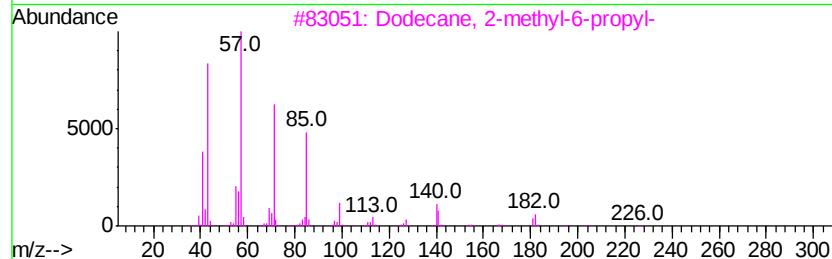
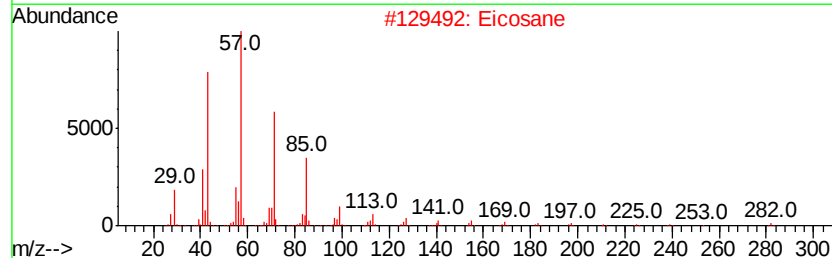
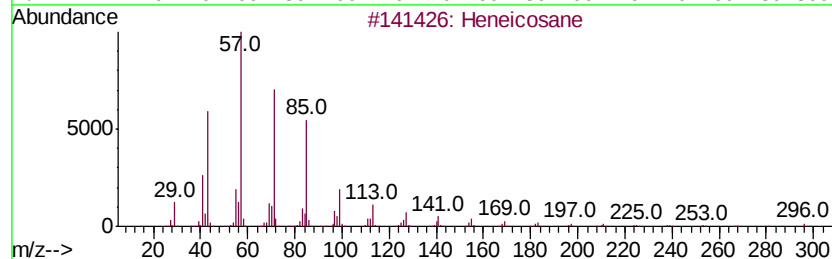
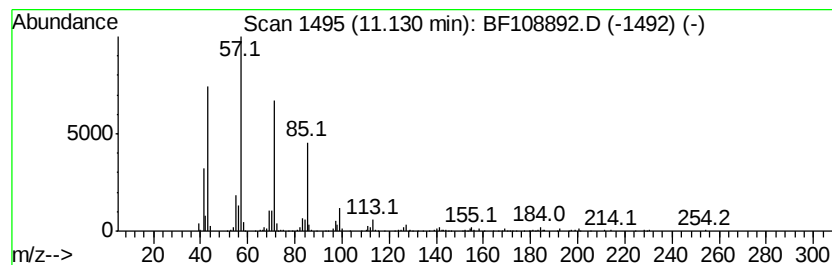
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	6.58 ng	431233	Phenanthrene-d10	11.25

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	87
2	Eicosane		282	C20H42	000112-95-8	86
3	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	80
4	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	80
5	Tridecane		184	C13H28	000629-50-5	76



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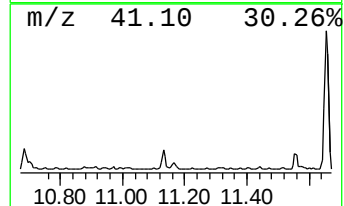
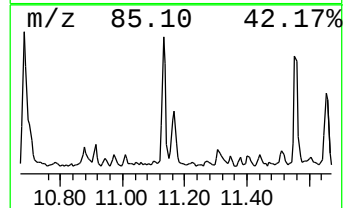
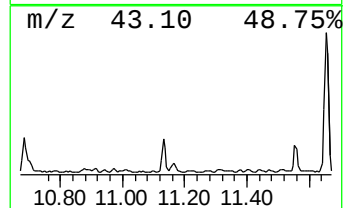
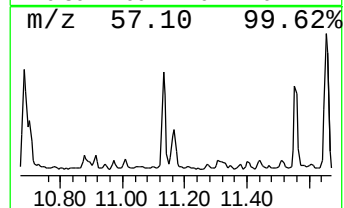
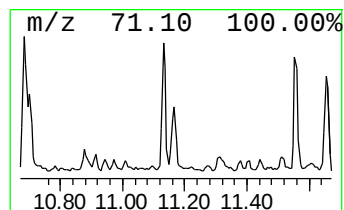
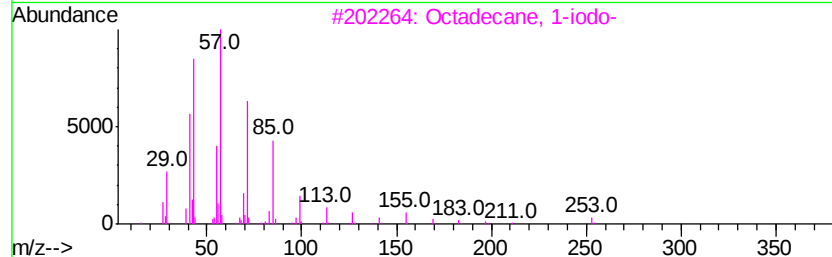
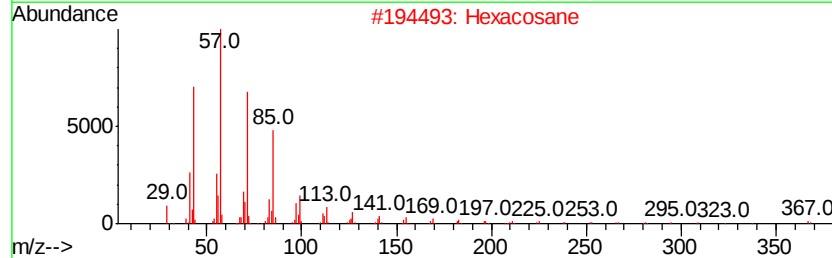
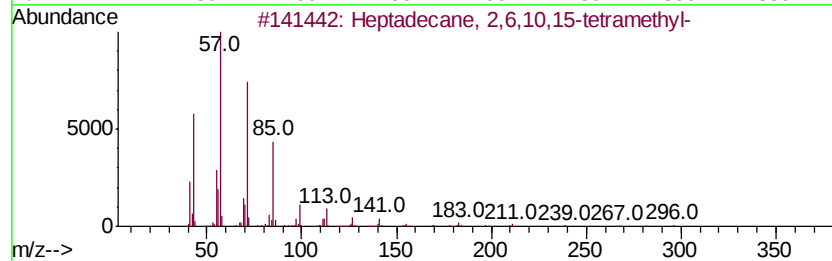
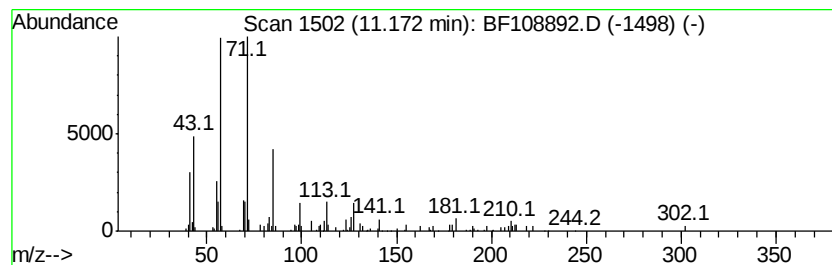
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 6 Heptadecane, 2,6,10,15-tetr... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	3.27 ng	214095	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
2		Hexacosane	366	C26H54	000630-01-3	83
3		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	83
4		Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	78
5		Tetradecane, 4-methyl-	212	C15H32	025117-24-2	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108892.D
Acq On : 10 Sep 2018 14:56
Operator : JU/SJ
Sample : J4776-03 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-090718-B

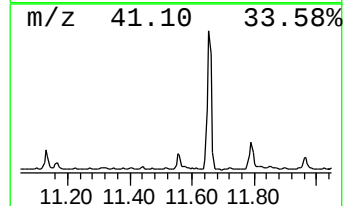
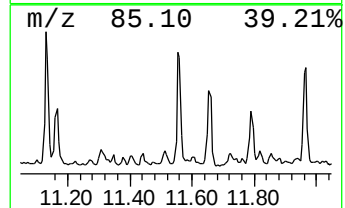
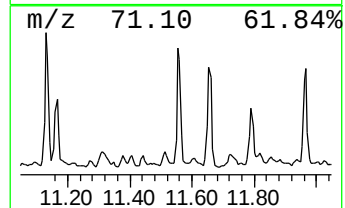
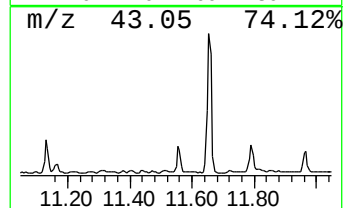
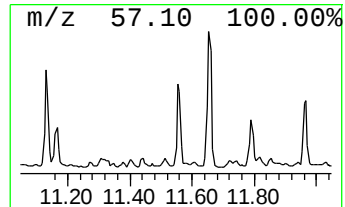
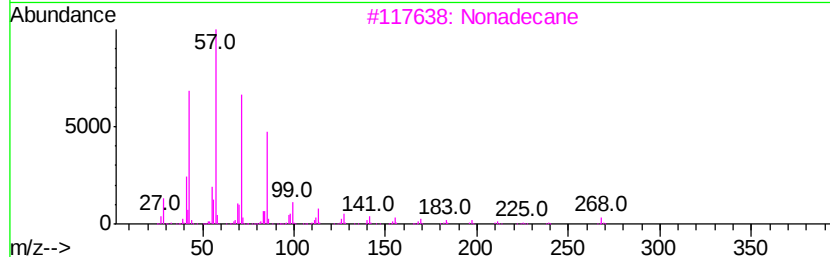
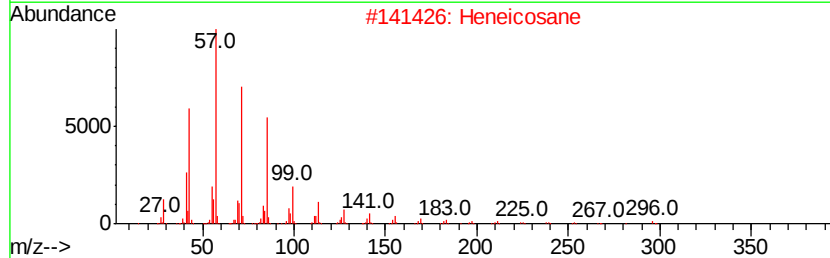
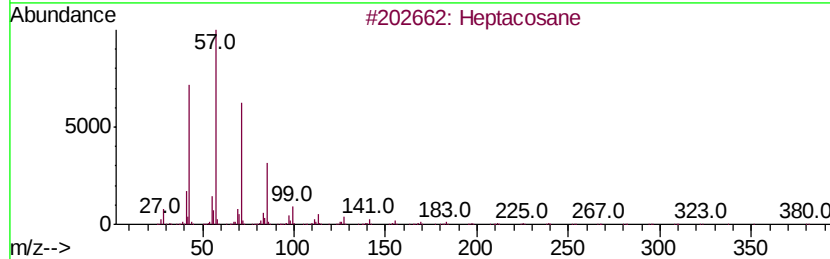
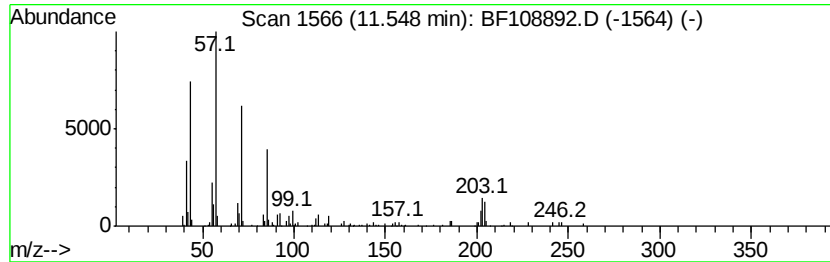
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	5.75 ng	376582	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Nonadecane	268	C19H40	000629-92-5	90
4		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
5		Pentadecane	212	C15H32	000629-62-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108892.D
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Operator : JU/SJ
Sample : J4776-03 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

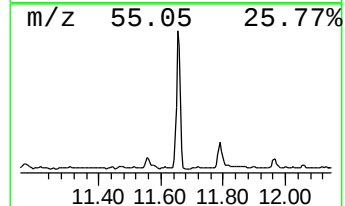
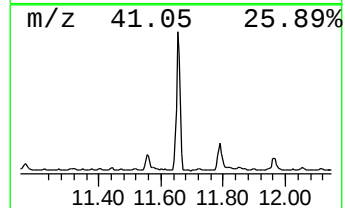
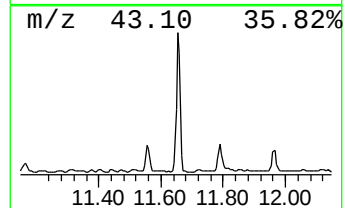
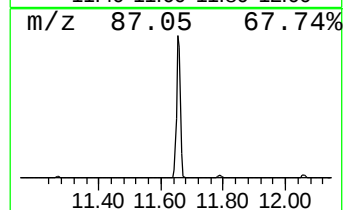
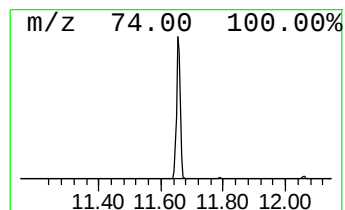
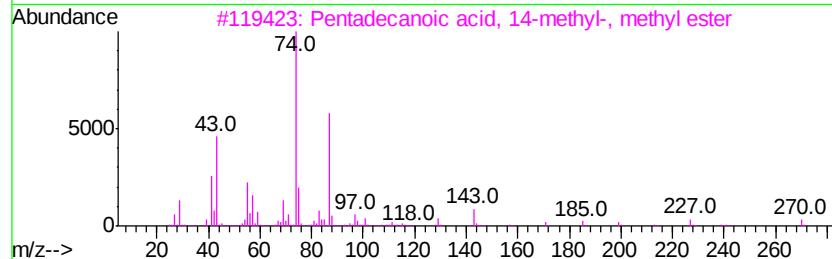
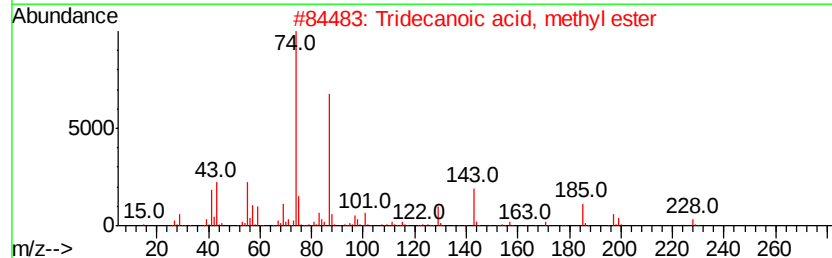
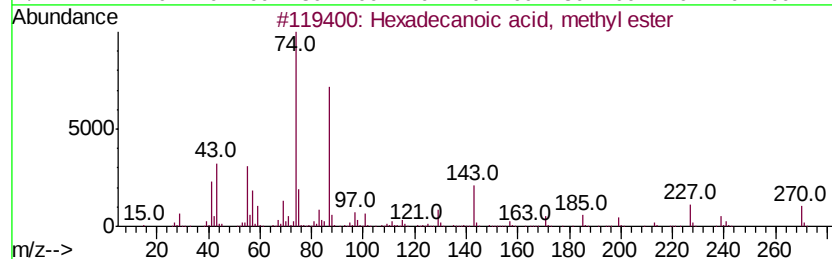
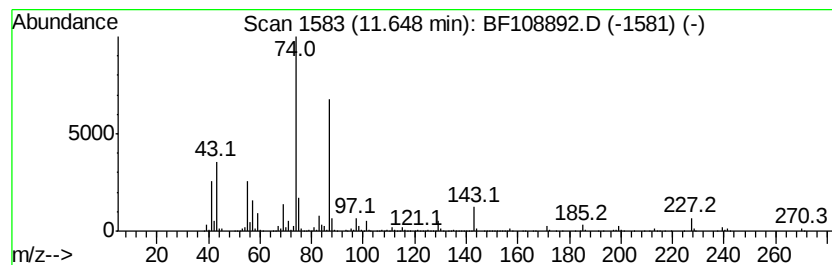
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.65	59.50 ng	3898460	Phenanthrene-d10	11.25	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	95
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
5	Methyl 11-methyl-dodecanoate	228	C14H28O2	1000336-45-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108892.D
Acq On : 10 Sep 2018 14:56
Operator : JU/SJ
Sample : J4776-03 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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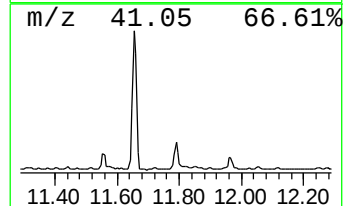
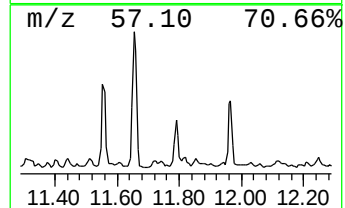
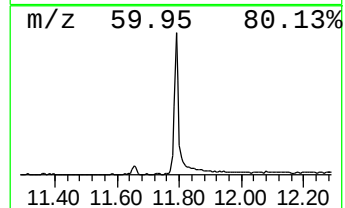
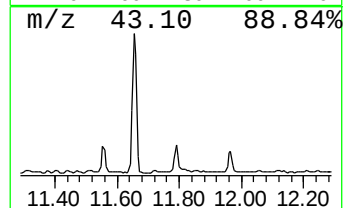
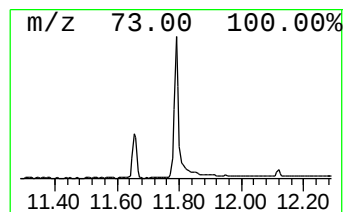
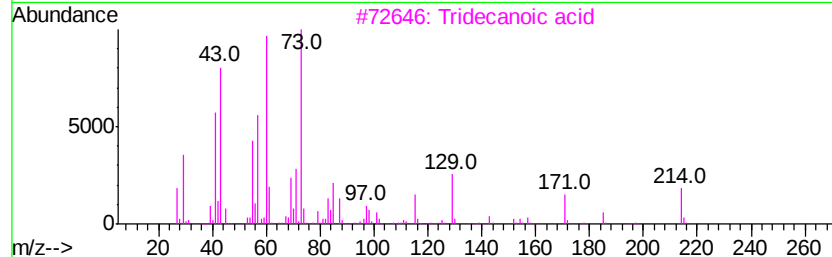
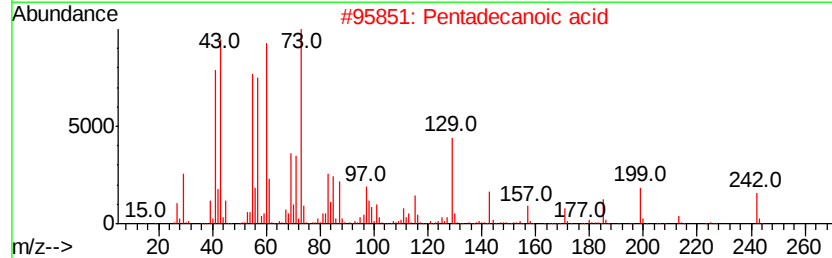
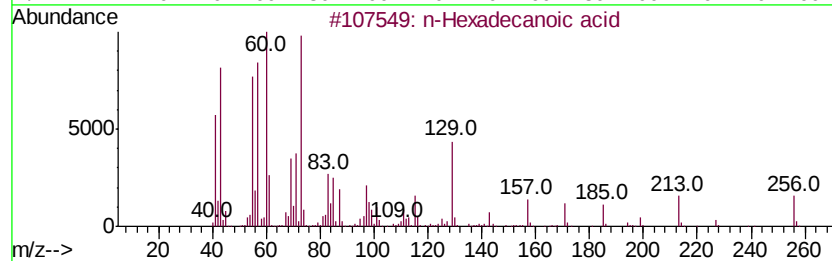
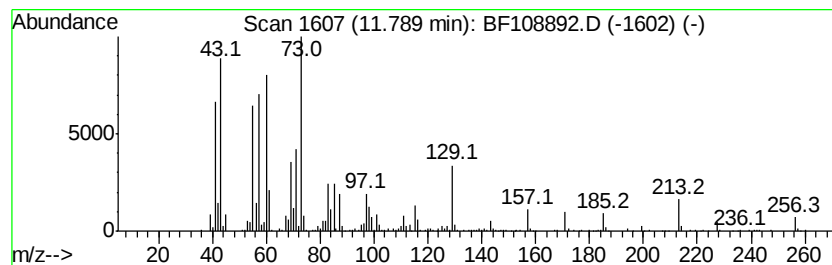
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	10.56 ng	691637	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3		Tridecanoic acid	214	C13H26O2	000638-53-9	76
4		Isopropyl palmitate	298	C19H38O2	000142-91-6	72
5		Dodecanoic acid, 1-methylethyl e...	242	C15H30O2	010233-13-3	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108892.D
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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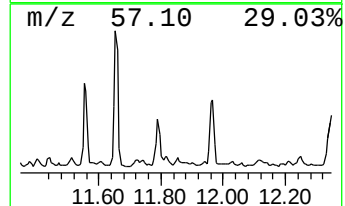
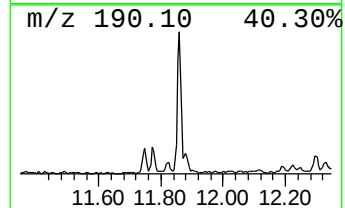
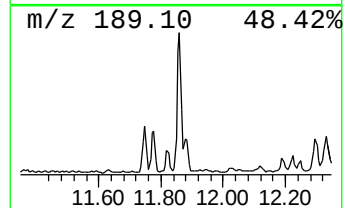
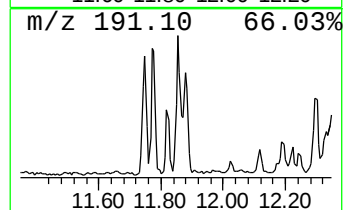
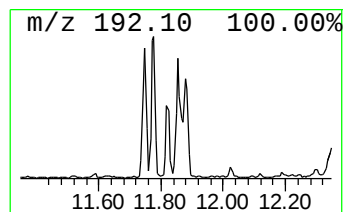
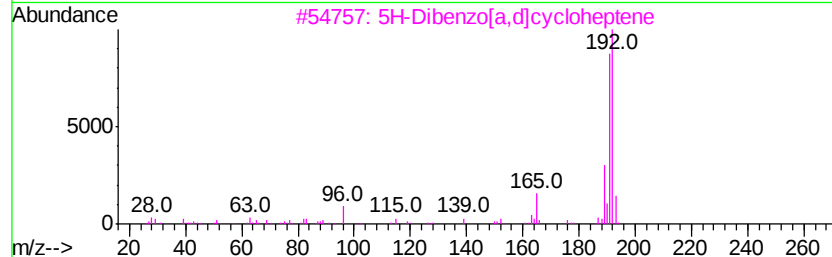
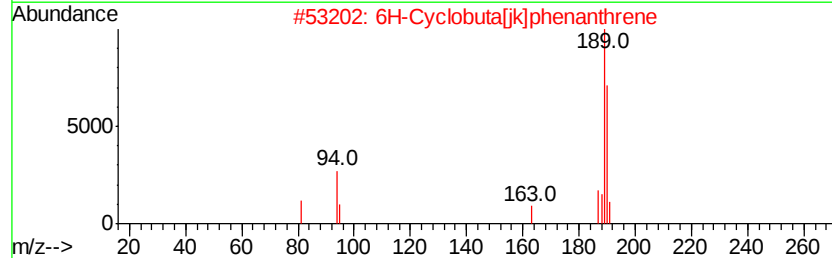
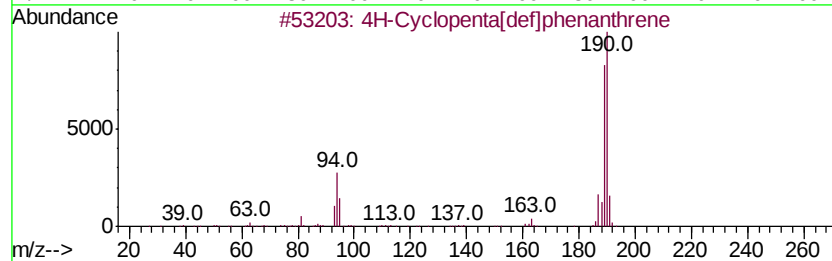
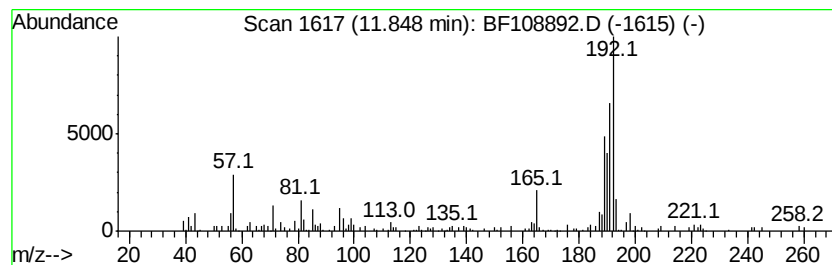
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	3.60 ng	236158	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
4		Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	38
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108892.D
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Operator : JU/SJ
Sample : J4776-03 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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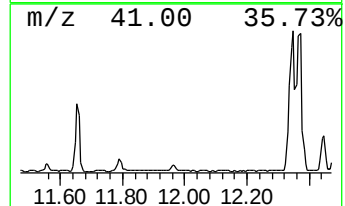
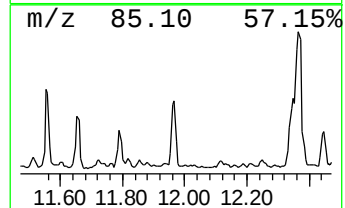
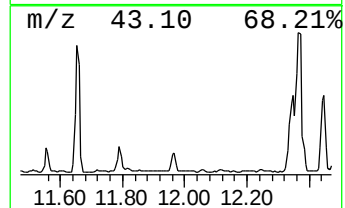
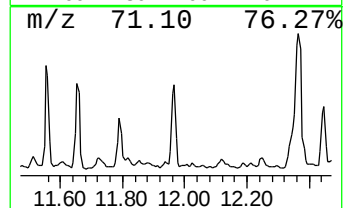
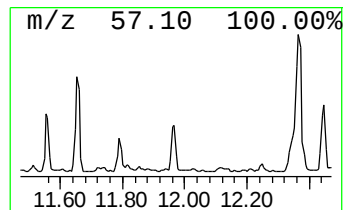
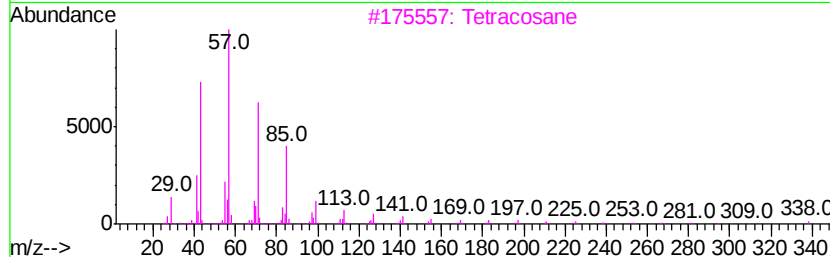
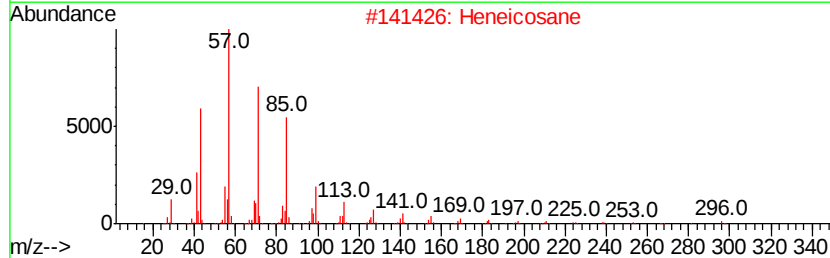
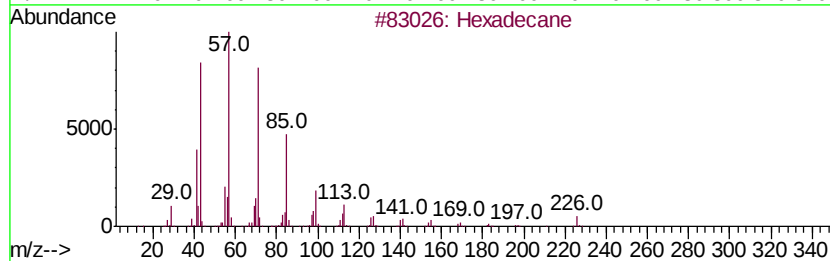
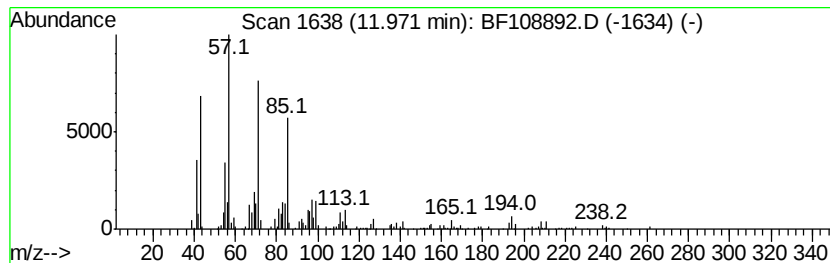
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	5.60 ng	367082	Phenanthrene-d10	11.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	93
2			Heneicosane	296	C21H44	000629-94-7	91
3			Tetracosane	338	C24H50	000646-31-1	87
4			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	86
5			Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108892.D
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Instrument :
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ClientSampleId :
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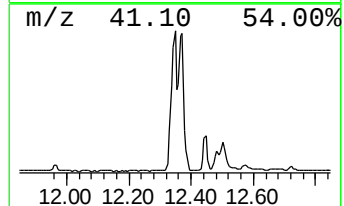
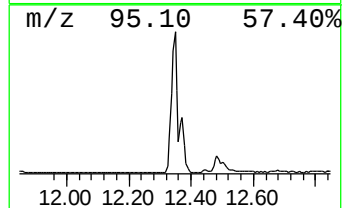
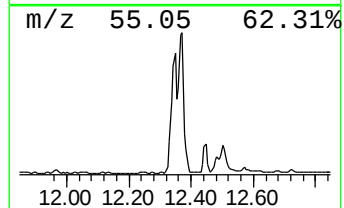
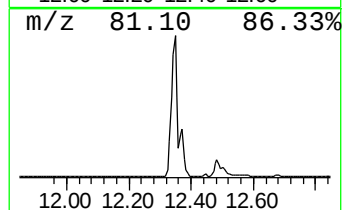
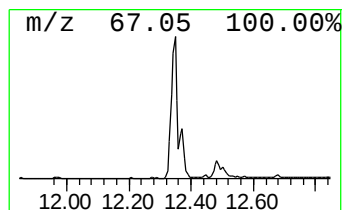
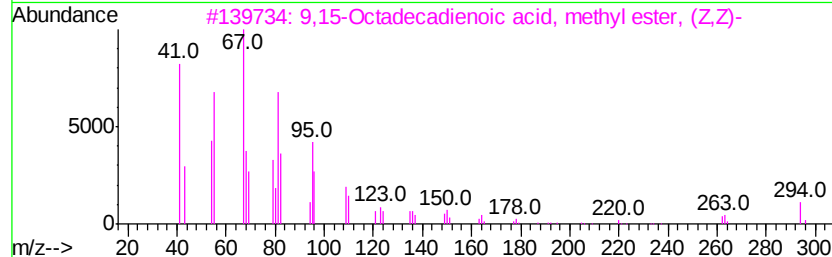
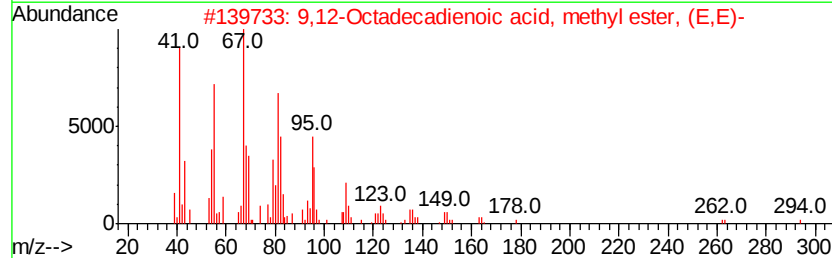
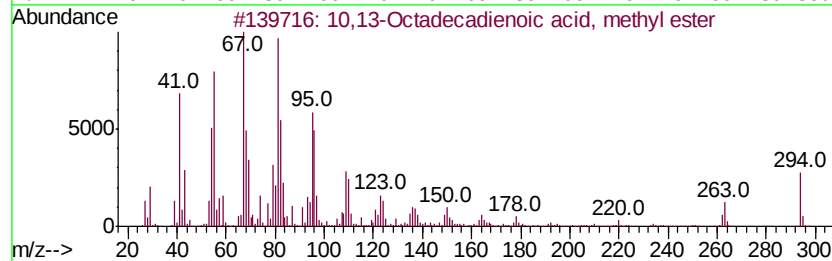
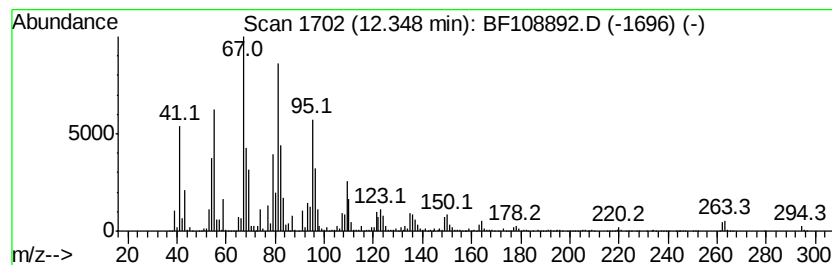
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 10,13-Octadecadienoic acid,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	205.66 ng	13474800	Phenanthrene-d10	11.25

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		9,15-Octadecadienoic acid, methv...	294	C19H34O2	017309-05-6	99
4		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
5		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	98



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108892.D
Acq On : 10 Sep 2018 14:56
Operator : JU/SJ
Sample : J4776-03 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-090718-B

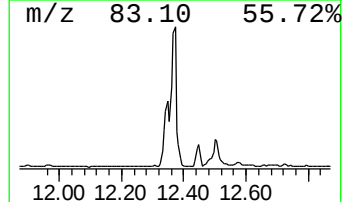
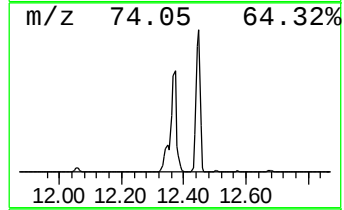
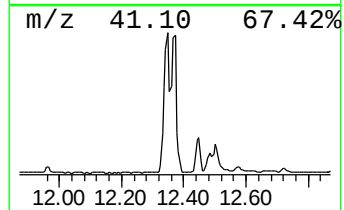
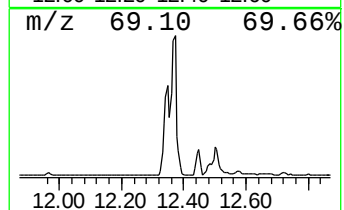
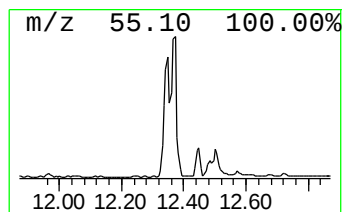
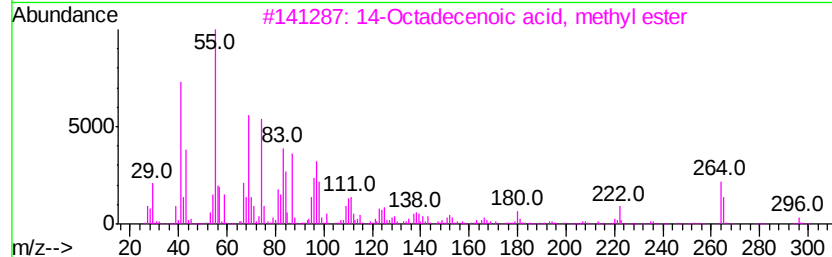
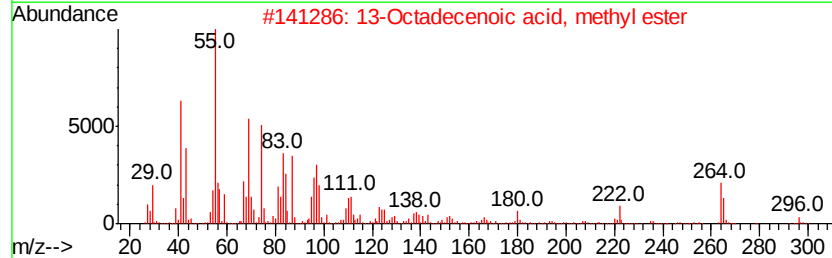
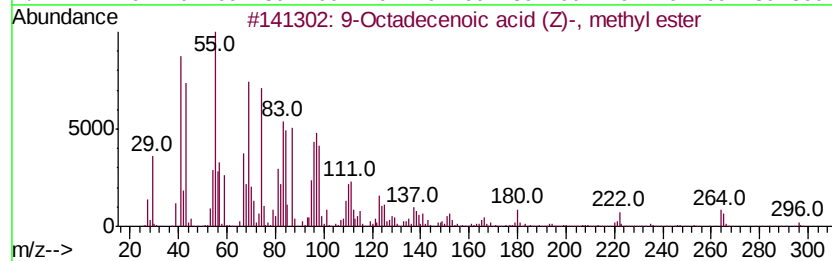
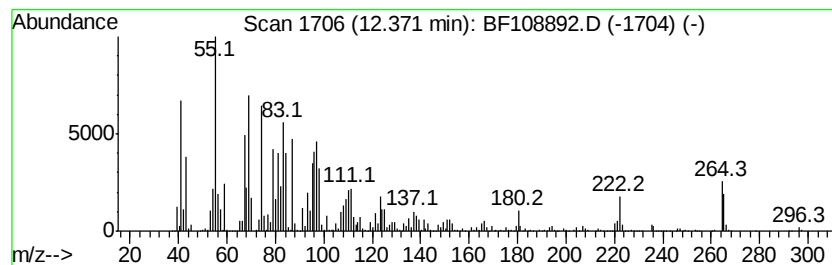
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	122.02 ng	7994880	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
3		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
4		6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	98
5		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	98



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108892.D
Acq On : 10 Sep 2018 14:56
Operator : JU/SJ
Sample : J4776-03 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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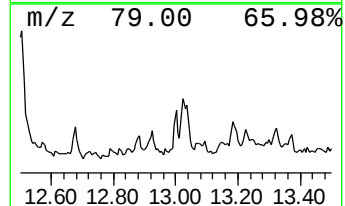
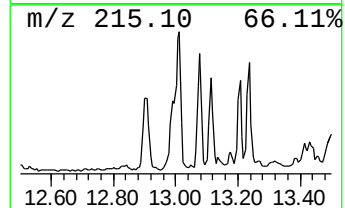
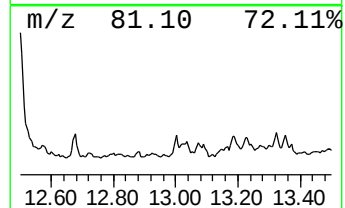
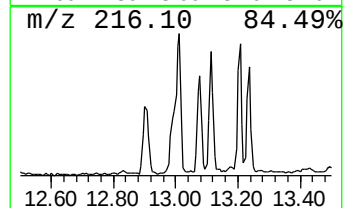
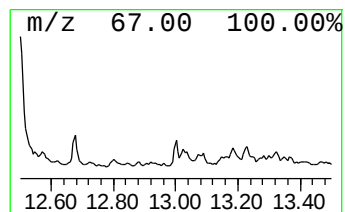
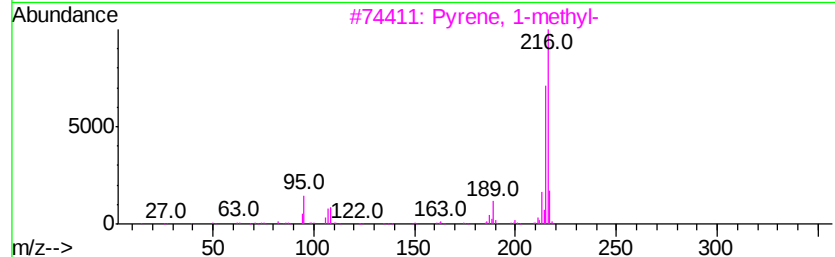
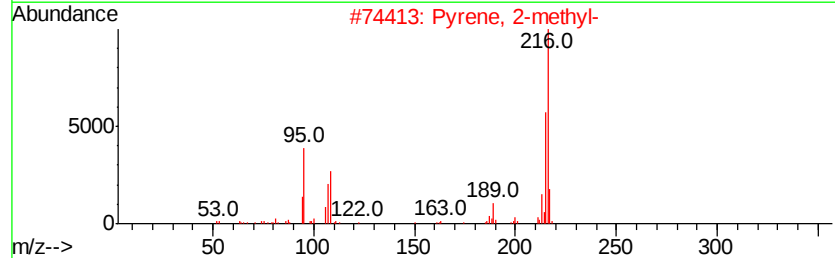
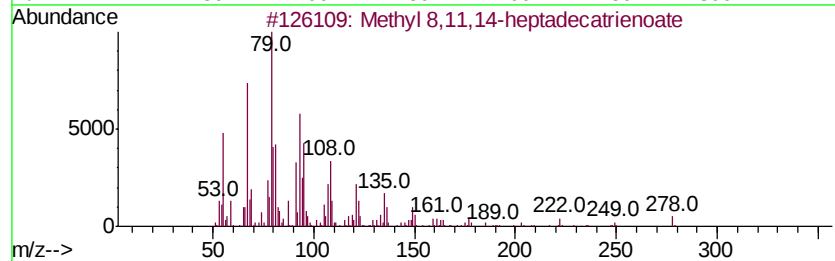
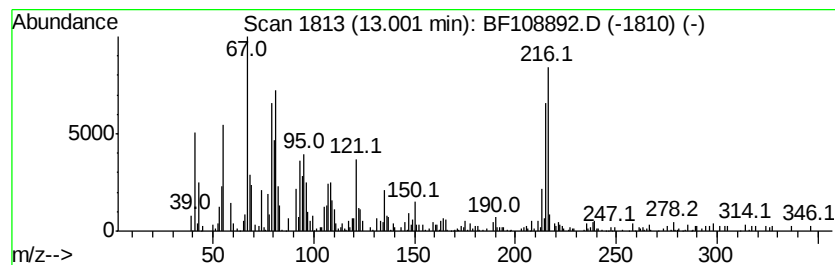
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Methyl 8,11,14-heptadecatri... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	3.72 ng	319382	Chrysene-d12	13.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methyl 8,11,14-heptadecatrienoate	278	C18H30O2	1000336-35-1	91
2		Pyrene, 2-methyl-	216	C17H12	003442-78-2	70
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	55
4		9,12-Octadecadienoyl chloride, (...)	298	C18H31ClO	007459-33-8	50
5		7,10-Hexadecadienoic acid, methy...	266	C17H30O2	016106-03-9	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108892.D
Acq On : 10 Sep 2018 14:56
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Sample : J4776-03 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

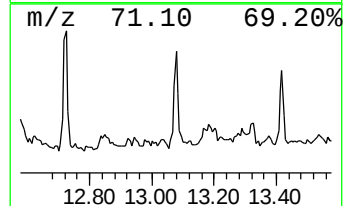
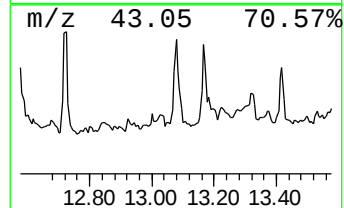
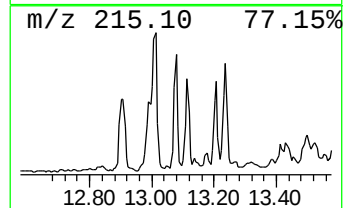
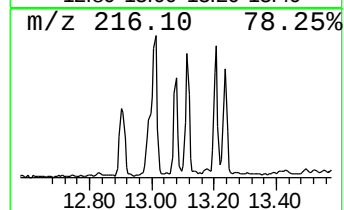
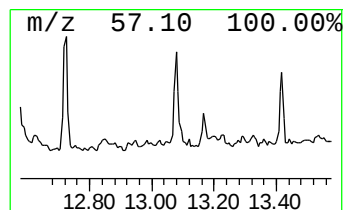
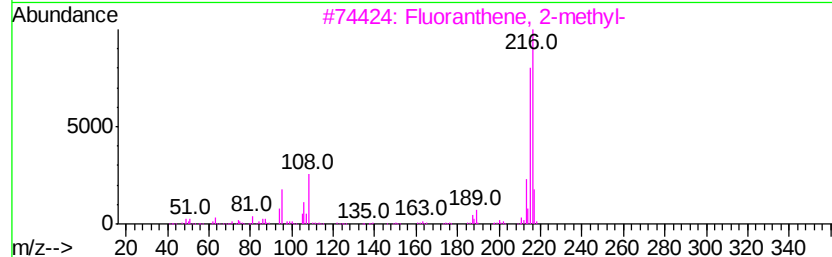
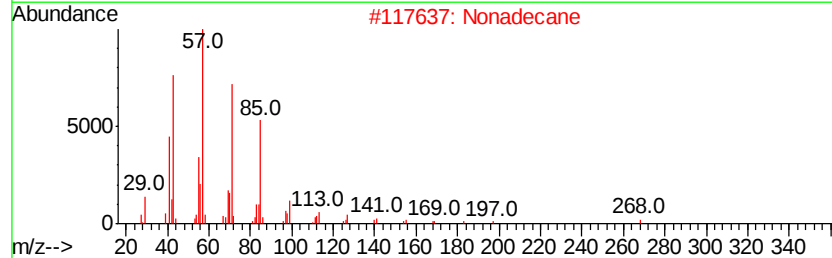
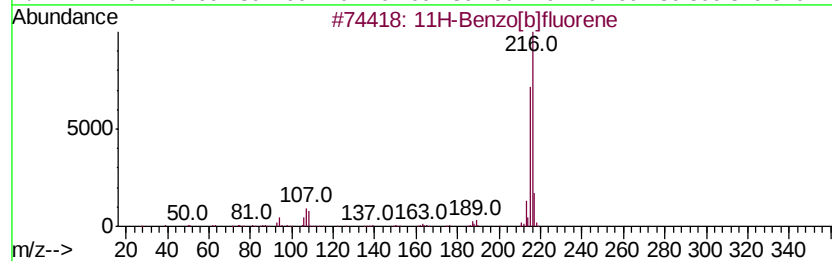
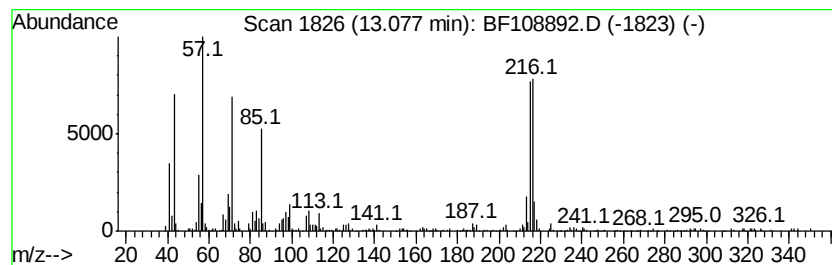
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	4.21 ng	361885	Chrysene-d12	13.87
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 91
2		Nonadecane	268 C19H40	000629-92-5 64
3		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 50
4		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 50
5		Pyrene, 1-methyl-	216 C17H12	002381-21-7 50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108892.D
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Operator : JU/SJ
Sample : J4776-03 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

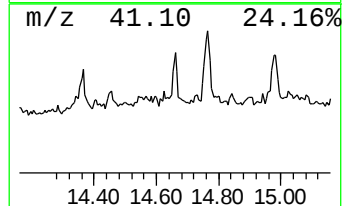
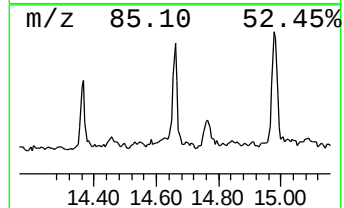
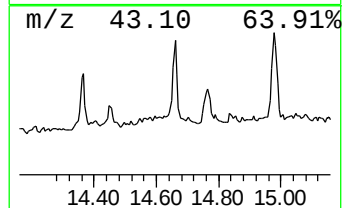
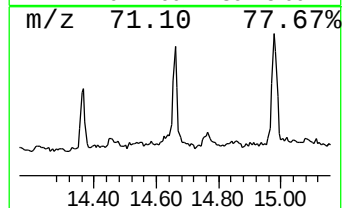
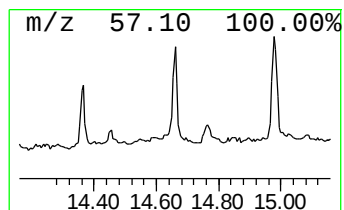
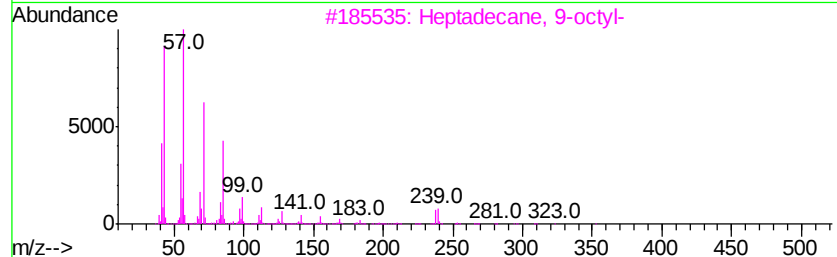
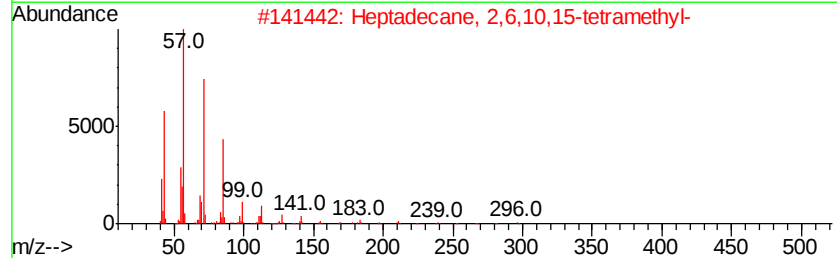
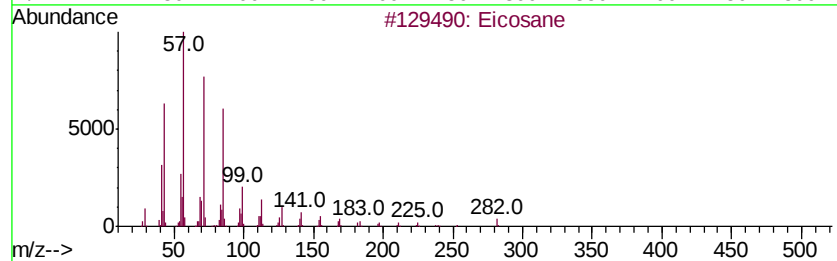
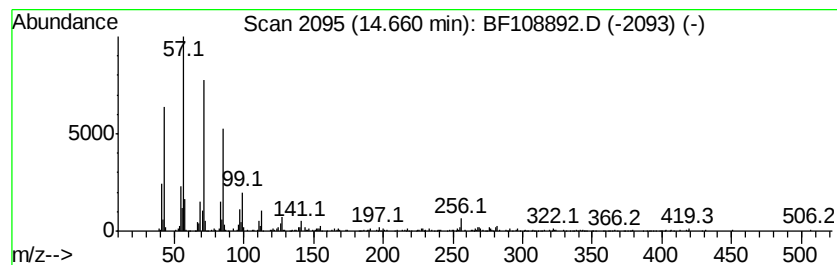
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Eicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	4.99 ng	282095	Perylene-d12	15.28
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane		282 C20H42	000112-95-8 94
2	Heptadecane, 2,6,10,15-tetramethyl-		296 C21H44	054833-48-6 91
3	Heptadecane, 9-octyl-		352 C25H52	007225-64-1 91
4	Heneicosane		296 C21H44	000629-94-7 91
5	Hexacosane		366 C26H54	000630-01-3 90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108892.D
Acq On : 10 Sep 2018 14:56
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ClientSampleId :
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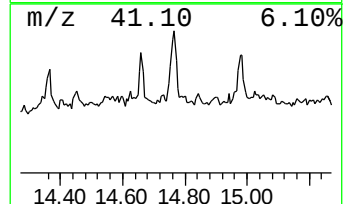
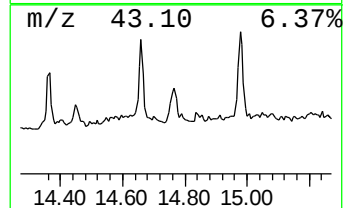
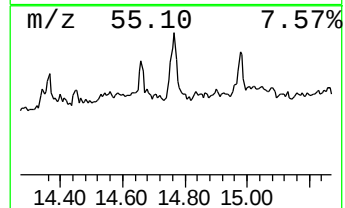
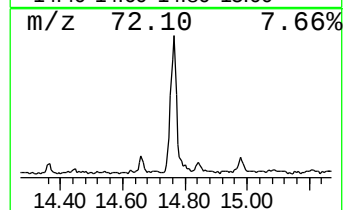
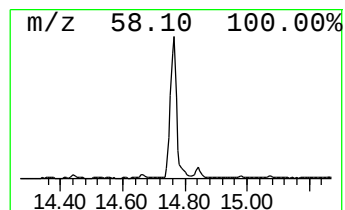
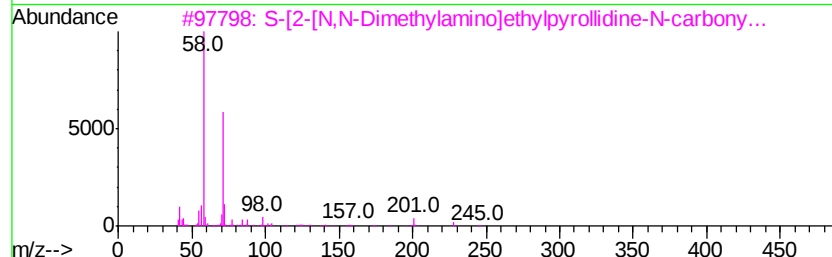
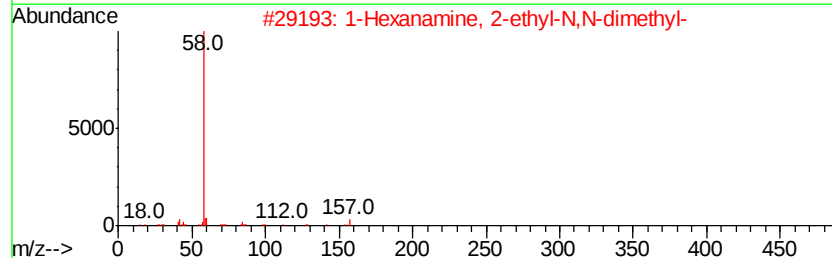
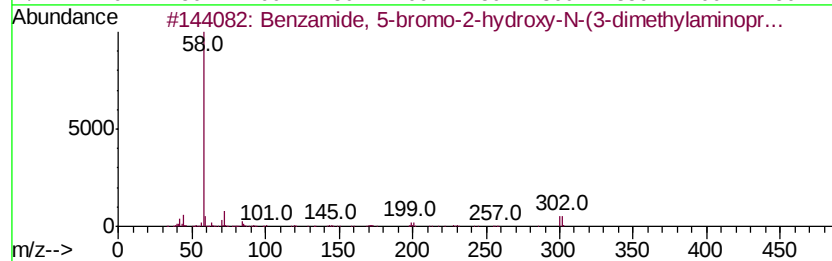
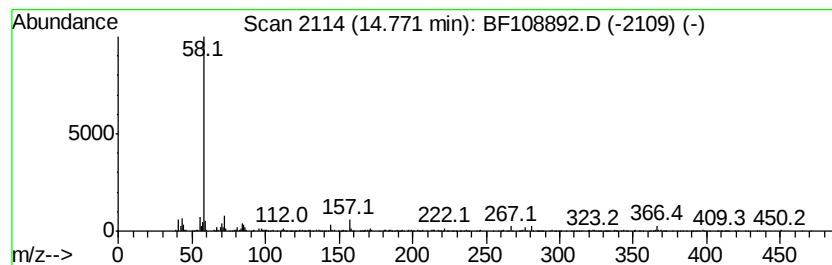
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzamide, 5-bromo-2-hydrox... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	12.25 ng	693342	Perylene-d12	15.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzamide, 5-bromo-2-hydroxy-N-(...	300	C12H17BrN2O2	289660-53-3	72
2		1-Hexanamine, 2-ethyl-N,N-dimethyl-	157	C10H23N	028056-87-3	72
3		S-[2-[N,N-Dimethylamino]ethyl]pyrrolidine-N-carbonyl-	245	C10H19N3O2S	1000212-14-2	72
4		3-Dimethylaminopropyl methacryla...	170	C9H18N2O	005205-93-6	72
5		Dimantine	297	C20H43N	000124-28-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
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Acq On : 10 Sep 2018 14:56
Operator : JU/SJ
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Misc :
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ClientSampleId :
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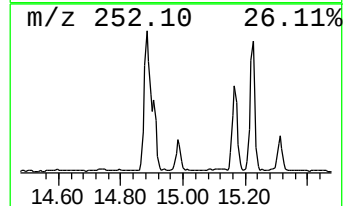
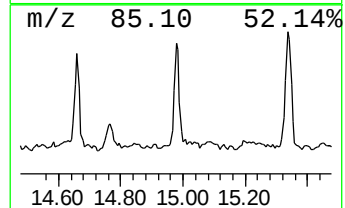
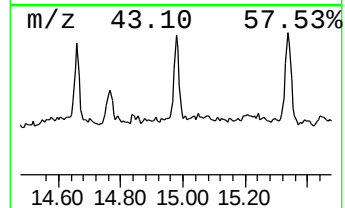
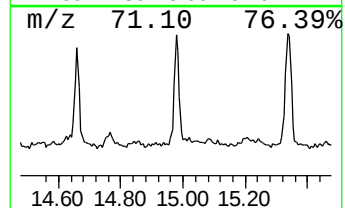
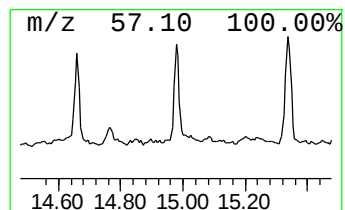
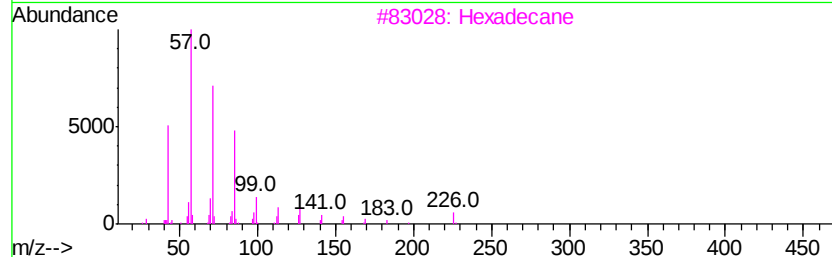
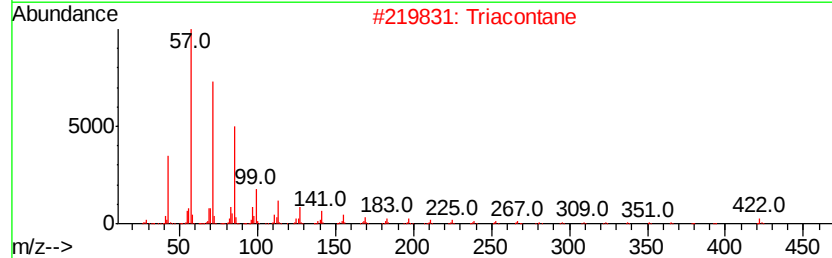
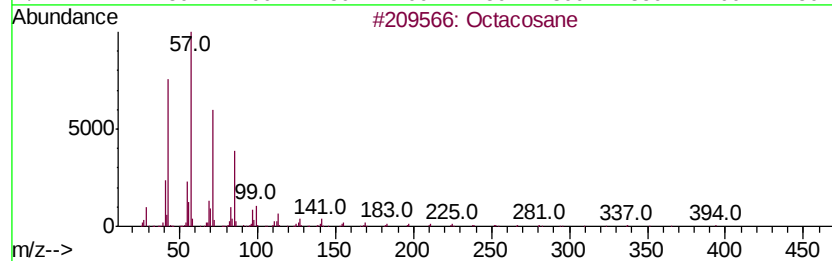
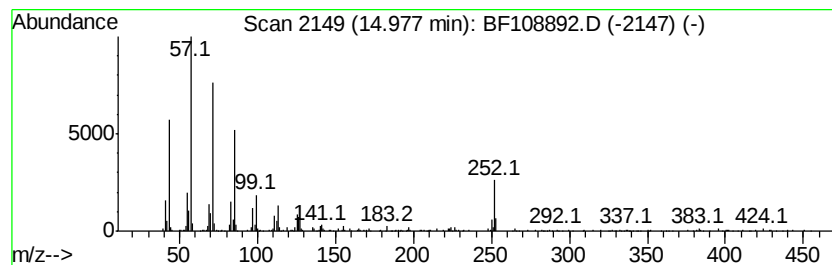
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Triacontane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	5.63 ng	318464	Perylene-d12	15.28

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	80
2			Triacontane	422	C30H62	000638-68-6	80
3			Hexadecane	226	C16H34	000544-76-3	74
4			Heptadecane	240	C17H36	000629-78-7	74
5			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108892.D
Acq On : 10 Sep 2018 14:56
Operator : JU/SJ
Sample : J4776-03 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-02-090718-B

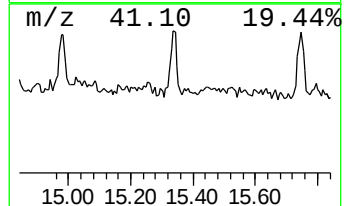
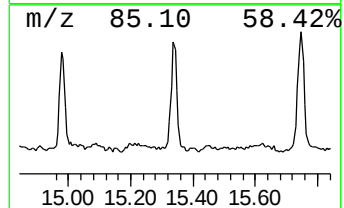
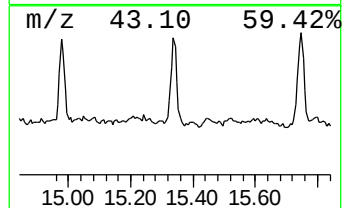
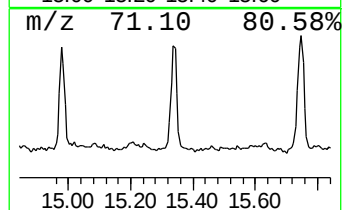
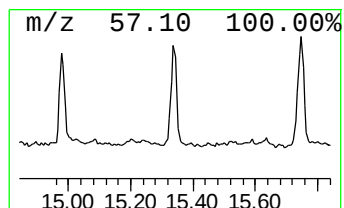
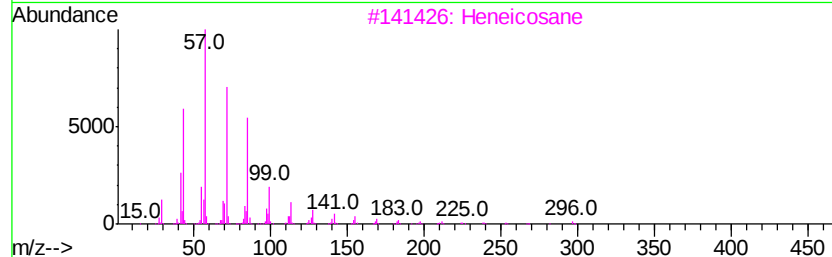
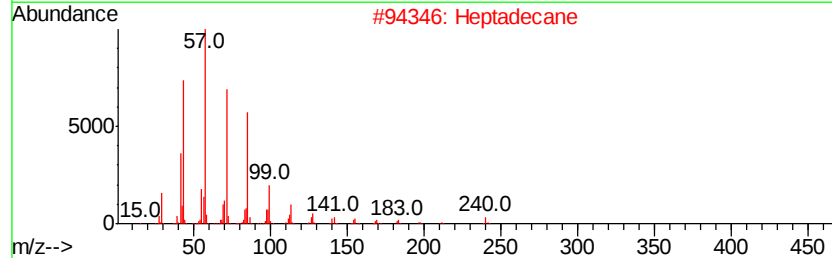
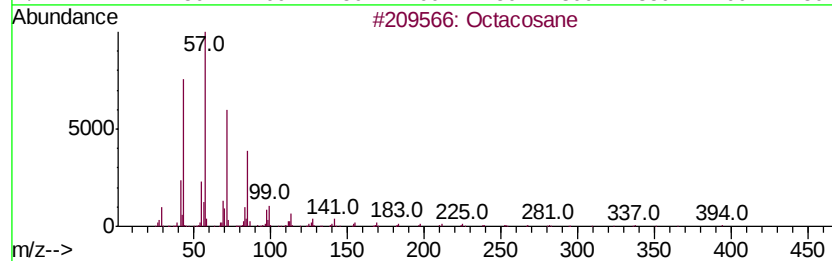
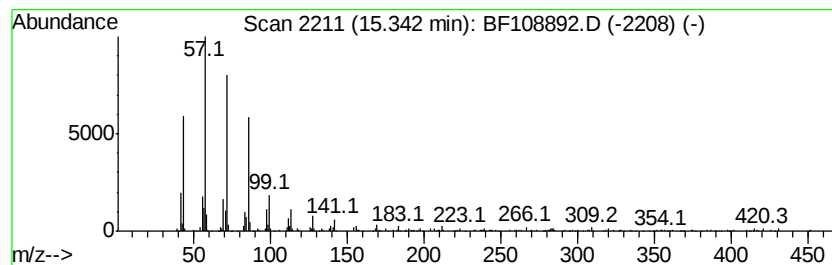
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Octacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	6.28 ng	355098	Perylene-d12	15.28

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	92
2			Heptadecane	240	C17H36	000629-78-7	86
3			Heneicosane	296	C21H44	000629-94-7	86
4			Tetracosane	338	C24H50	000646-31-1	64
5			Dodecane, 4-methyl-	184	C13H28	006117-97-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108892.D
Acq On : 10 Sep 2018 14:56
Operator : JU/SJ
Sample : J4776-03 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

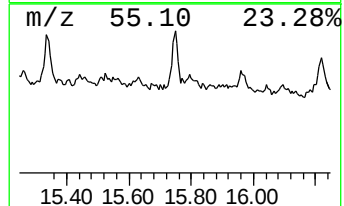
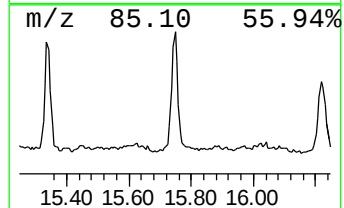
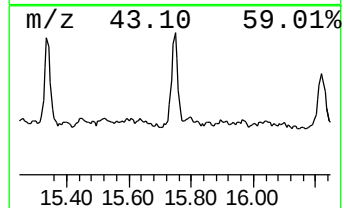
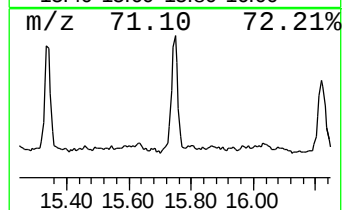
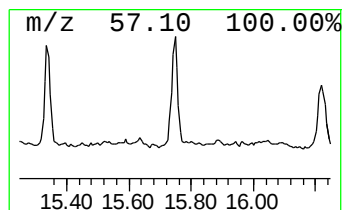
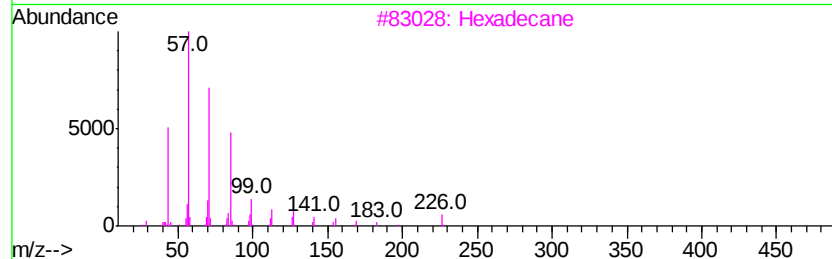
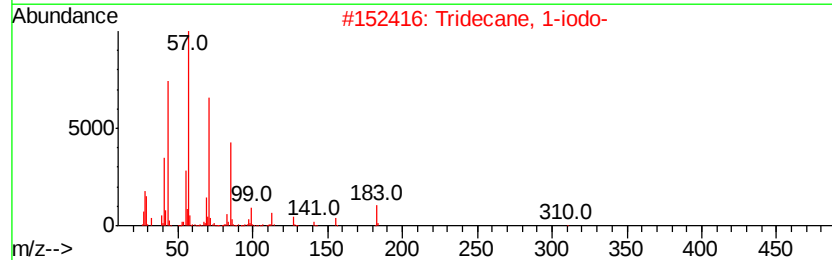
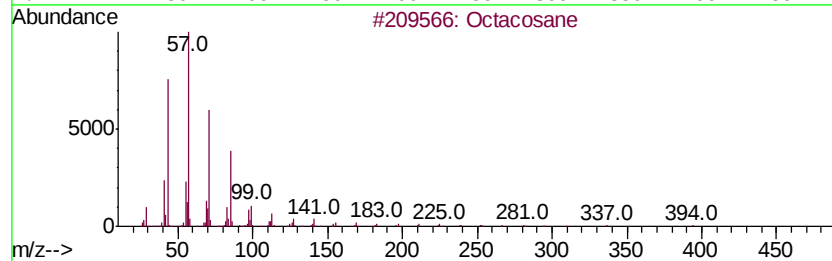
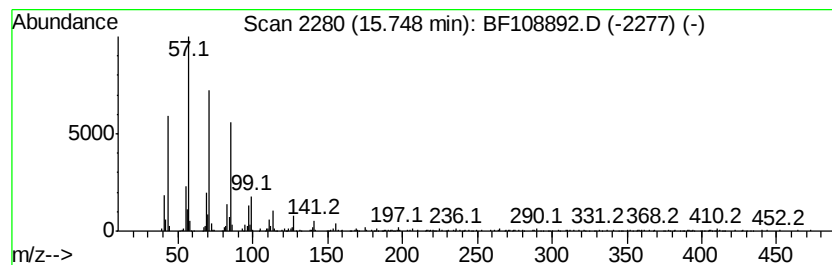
Instrument :
BNA_F
ClientSampleId :
EO-02-090718-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tridecane, 1-iodo- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.75	6.69 ng	378571	Perylene-d12	15.28	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	93
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
3	Hexadecane	226	C16H34	000544-76-3	87
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091018\
 Data File : BF108892.D
 Acq On : 10 Sep 2018 14:56
 Operator : JU/SJ
 Sample : J4776-03 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-090718-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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
unknown6.50	6.50	14.7	ng	926628	1	6.74	1260900	20.0
Bacchotricuneatin c	10.21	3.7	ng	298151	3	9.77	1615520	20.0
Tridecane	10.68	8.8	ng	575979	4	11.25	1310410	20.0
Heneicosane	11.13	6.6	ng	431233	4	11.25	1310410	20.0
Heptadecane, 2,6,...	11.17	3.3	ng	214095	4	11.25	1310410	20.0
Heptacosane	11.55	5.8	ng	376582	4	11.25	1310410	20.0
Hexadecanoic acid...	11.65	59.5	ng	3898460	4	11.25	1310410	20.0
n-Hexadecanoic acid	11.79	10.6	ng	691637	4	11.25	1310410	20.0
4H-Cyclopenta[def...	11.85	3.6	ng	236158	4	11.25	1310410	20.0
Hexadecane	11.97	5.6	ng	367082	4	11.25	1310410	20.0
10,13-Octadecadie...	12.35	205.7	ng	13474800	4	11.25	1310410	20.0
9-Octadecenoic ac...	12.37	122.0	ng	7994880	4	11.25	1310410	20.0
Methyl 8,11,14-he...	13.00	3.7	ng	319382	5	13.87	1718690	20.0
11H-Benzo[b]fluorene	13.08	4.2	ng	361885	5	13.87	1718690	20.0
Eicosane	14.66	5.0	ng	282095	6	15.28	1131600	20.0
Benzamide, 5-brom...	14.77	12.3	ng	693342	6	15.28	1131600	20.0
triacontane	14.98	5.6	ng	318464	6	15.28	1131600	20.0
Octacosane	15.34	6.3	ng	355098	6	15.28	1131600	20.0
Tridecane, 1-iodo-	15.75	6.7	ng	378571	6	15.28	1131600	20.0