

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
 Data File : BF112148.D
 Acq On : 19 Jan 2019 2:02
 Operator : JU/SJ
 Sample : K1015-09 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-011719-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-BF011619.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	5.481	574	577	587	rBV	937852	894899	7.40%	1.351%
2	6.492	746	749	755	rBV	1094555	971095	8.03%	1.467%
3	6.628	768	772	779	rBV	1231058	1044406	8.64%	1.577%
4	6.857	807	811	818	rBV	1589343	1426921	11.80%	2.155%
5	7.010	833	837	841	rBV	1043075	851482	7.04%	1.286%
6	7.410	902	905	910	rVV	668283	535355	4.43%	0.808%
7	7.451	910	912	916	rVB	166836	137100	1.13%	0.207%
8	8.139	1023	1029	1032	rBV	1992826	2059568	17.03%	3.110%
9	8.198	1035	1039	1042	rVB2	114220	143858	1.19%	0.217%
10	8.434	1073	1079	1085	rBV4	108386	164140	1.36%	0.248%
11	8.639	1111	1114	1117	rBV2	140939	128900	1.07%	0.195%
12	8.728	1126	1129	1133	rBV	432407	357273	2.95%	0.540%
13	8.957	1164	1168	1173	rBV3	110017	138844	1.15%	0.210%
14	9.157	1200	1202	1207	rVB3	126253	127526	1.05%	0.193%
15	9.210	1207	1211	1216	rBV	1484830	1190624	9.85%	1.798%
16	9.292	1222	1225	1230	rBV	510782	438919	3.63%	0.663%
17	9.469	1250	1255	1260	rVB6	69163	132190	1.09%	0.200%
18	9.604	1275	1278	1282	rBV2	343229	445787	3.69%	0.673%
19	9.751	1300	1303	1308	rBV	128783	147869	1.22%	0.223%
20	9.822	1312	1315	1319	rVB	548439	423894	3.51%	0.640%
21	9.892	1324	1327	1331	rVB	2196410	1776965	14.69%	2.684%
22	10.098	1357	1362	1366	rVB4	79539	164002	1.36%	0.248%
23	10.145	1366	1370	1374	rBV4	112792	162800	1.35%	0.246%
24	10.322	1394	1400	1403	rBV	551983	488394	4.04%	0.738%
25	10.439	1416	1420	1426	rBV	155222	191491	1.58%	0.289%
26	10.545	1432	1438	1443	rBV	161361	234937	1.94%	0.355%
27	10.680	1458	1461	1464	rVB	535972	456593	3.78%	0.690%
28	10.792	1477	1480	1488	rVB	533438	594858	4.92%	0.898%
29	11.239	1553	1556	1559	rBV	399900	341644	2.83%	0.516%
30	11.275	1559	1562	1568	rVB	235553	256737	2.12%	0.388%
31	11.380	1576	1580	1582	rBV	1836975	1728019	14.29%	2.610%
32	11.404	1582	1584	1590	rVV	1124886	976467	8.07%	1.475%
33	11.451	1590	1592	1596	rVB	398950	357724	2.96%	0.540%
34	11.669	1626	1629	1631	rBV	409647	339921	2.81%	0.513%

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35	11.692	1631	1633	1635	rVB	166150	127796	1.06%	0.193%
36	11.769	1642	1646	1649	rBV	5500456	4282016	35.41%	6.467%
37	11.880	1662	1665	1667	rBV	164774	151700	1.25%	0.229%
38	11.910	1667	1670	1675	rVB	232339	234460	1.94%	0.354%
39	11.992	1681	1684	1686	rVV2	298761	296315	2.45%	0.447%
40	12.074	1693	1698	1703	rBV	320152	343714	2.84%	0.519%
41	12.174	1712	1715	1717	rBV	177175	155327	1.28%	0.235%
42	12.457	1759	1763	1765	rBV	9218893	10683630	88.35%	16.134%
43	12.480	1765	1767	1773	rVV	11077376	12093071	100.00%	18.263%
44	12.557	1777	1780	1783	rBV	2186072	1765349	14.60%	2.666%
45	12.592	1783	1786	1790	rVB	1984464	1608933	13.30%	2.430%
46	12.645	1791	1795	1800	rBV7	103105	176216	1.46%	0.266%
47	12.792	1817	1820	1822	rBV2	350067	407313	3.37%	0.615%
48	12.821	1822	1825	1832	rVB	1653563	1729873	14.30%	2.612%
49	12.957	1843	1848	1851	rBV	1078124	1076984	8.91%	1.626%
50	13.039	1858	1862	1865	rBV2	153194	242853	2.01%	0.367%
51	13.116	1873	1875	1878	rBV2	297622	369352	3.05%	0.558%
52	13.151	1878	1881	1885	rVV	394714	473090	3.91%	0.714%
53	13.192	1885	1888	1889	rVV	285501	296401	2.45%	0.448%
54	13.204	1889	1890	1895	rVV2	400120	451838	3.74%	0.682%
55	13.257	1896	1899	1901	rVV2	159062	177314	1.47%	0.268%
56	13.280	1901	1903	1906	rVB	331864	291121	2.41%	0.440%
57	13.533	1943	1946	1948	rBV	174179	168032	1.39%	0.254%
58	13.821	1993	1995	1999	rBV2	115070	162782	1.35%	0.246%
59	13.863	1999	2002	2006	rVB3	231084	249013	2.06%	0.376%
60	13.951	2014	2017	2022	rBV2	234119	230324	1.90%	0.348%
61	14.021	2024	2029	2031	rVV2	2036501	2548780	21.08%	3.849%
62	14.045	2031	2033	2040	rVB	862968	797541	6.60%	1.204%
63	14.786	2157	2159	2163	rBV2	185163	192002	1.59%	0.290%
64	14.904	2176	2179	2187	rVB	352843	541893	4.48%	0.818%
65	15.063	2203	2206	2209	rBV	595822	826672	6.84%	1.248%
66	15.127	2214	2217	2222	rVB2	237953	277780	2.30%	0.420%
67	15.368	2255	2258	2264	rVB	342550	441255	3.65%	0.666%
68	15.433	2265	2269	2275	rVV	511566	711000	5.88%	1.074%
69	15.498	2276	2280	2297	rVB2	1076128	1803329	14.91%	2.723%

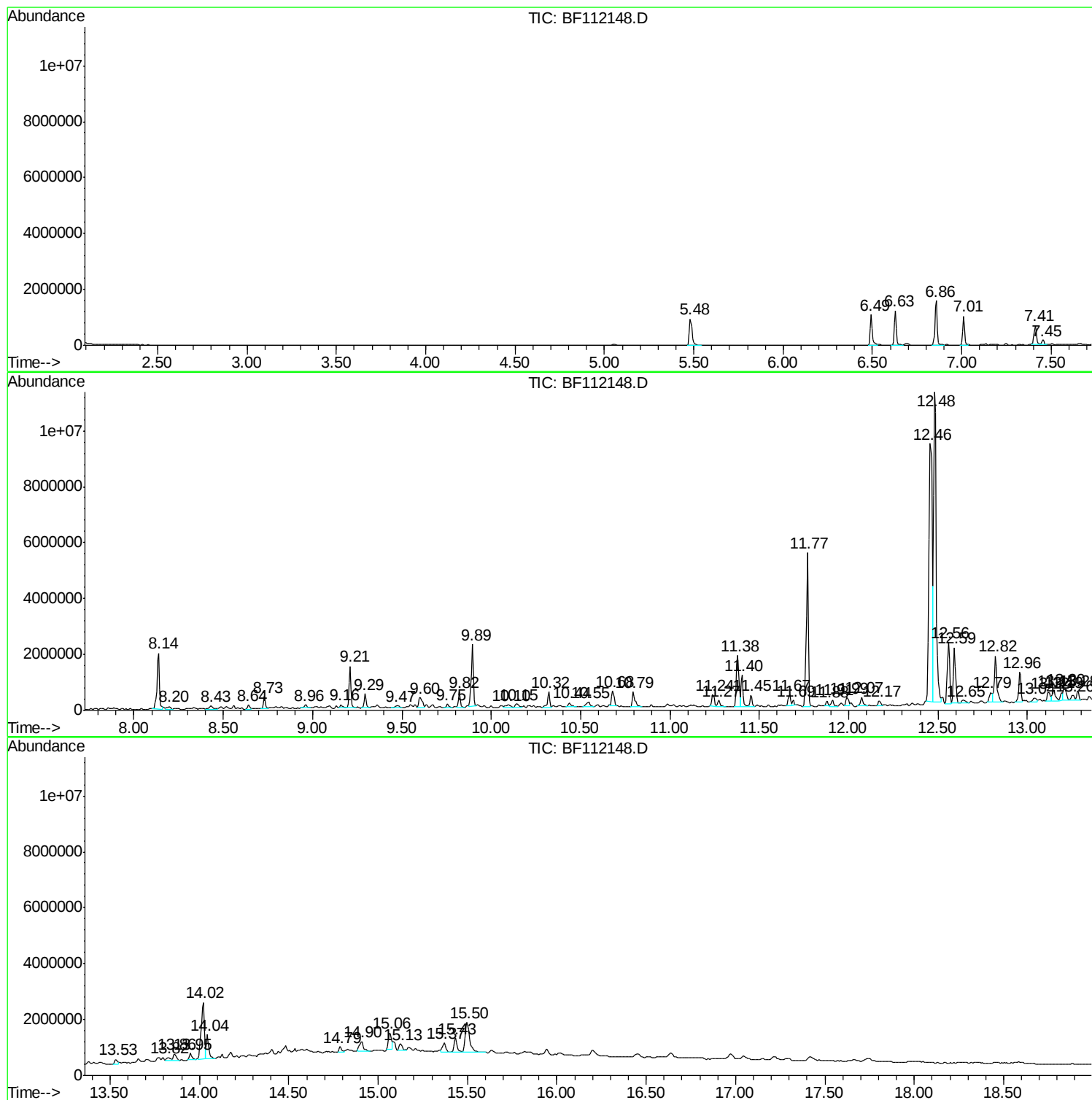
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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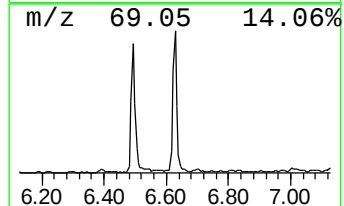
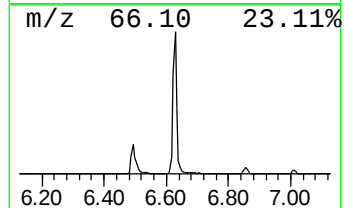
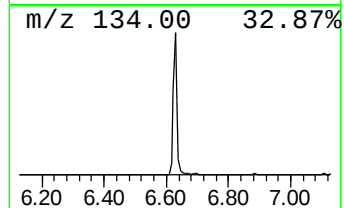
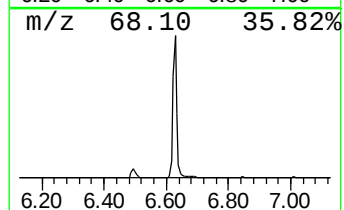
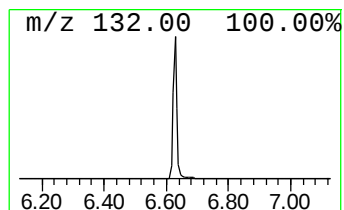
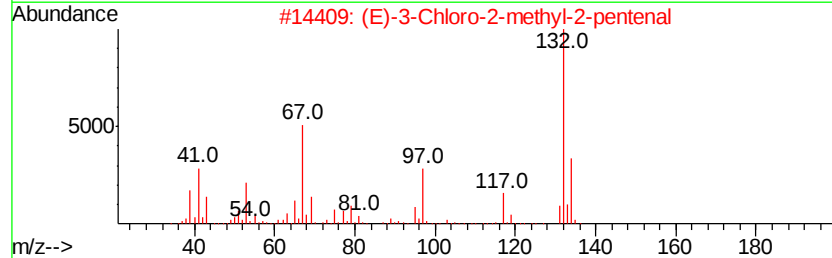
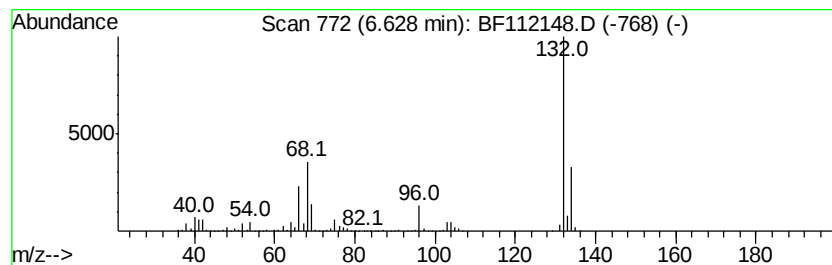
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 1 unknown6.63 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	14.64 ng	1044410	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	16
4		5-Aminoindole	132	C8H8N2	005192-03-0	16
5		Amphetaminil	250	C17H18N2	017590-01-1	12



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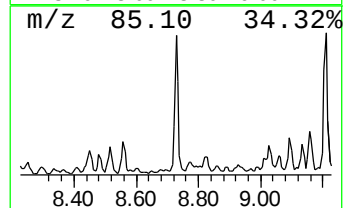
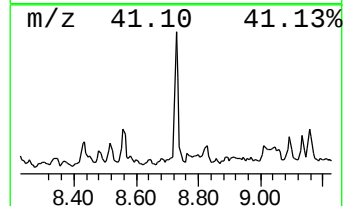
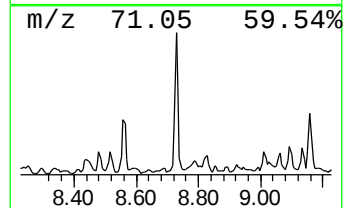
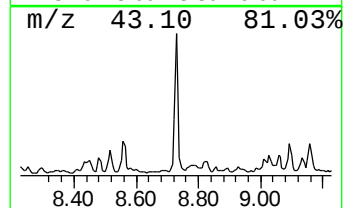
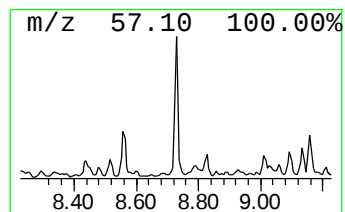
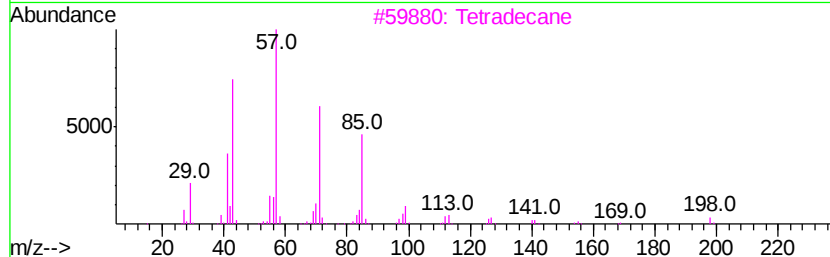
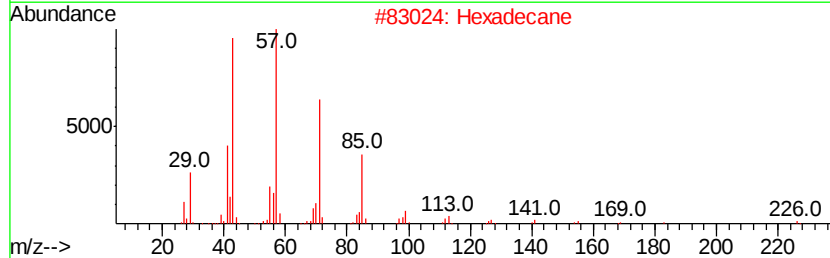
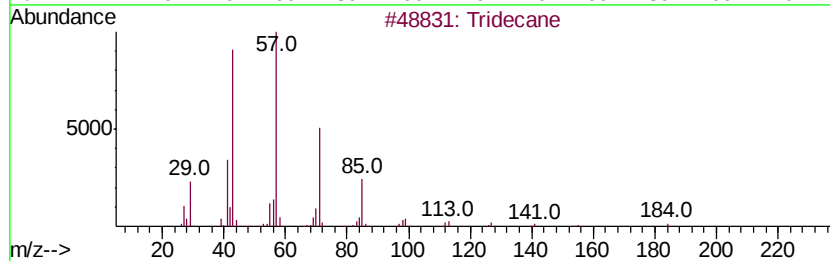
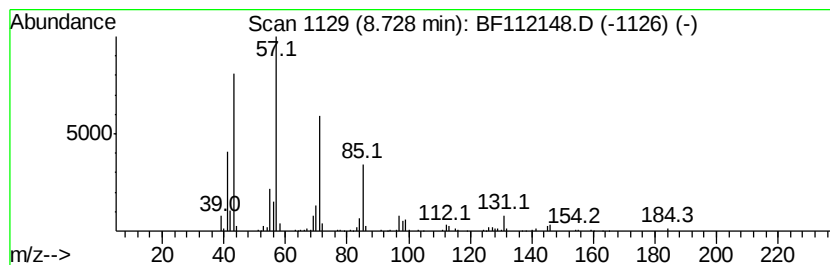
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Tridecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	3.47 ng	357273	Naphthalene-d8	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	93
2		Hexadecane	226	C16H34	000544-76-3	83
3		Tetradecane	198	C14H30	000629-59-4	80
4		Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	80
5		Pentadecane	212	C15H32	000629-62-9	80



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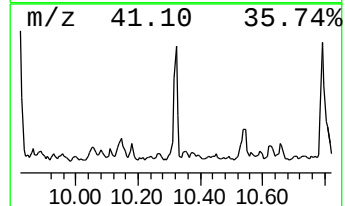
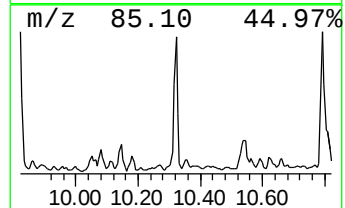
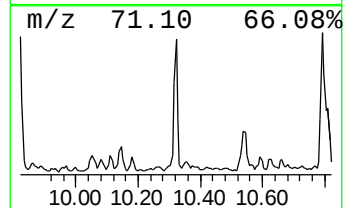
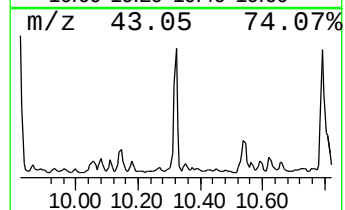
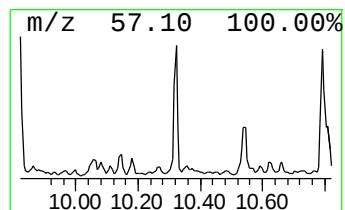
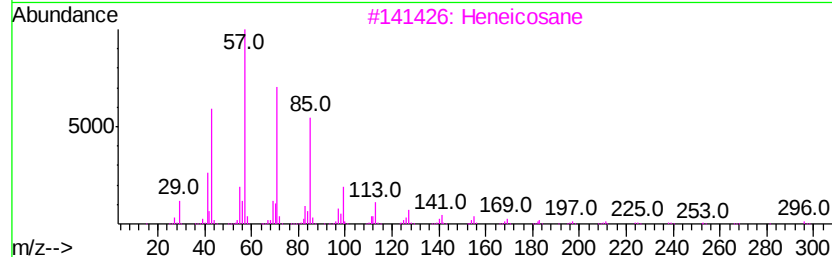
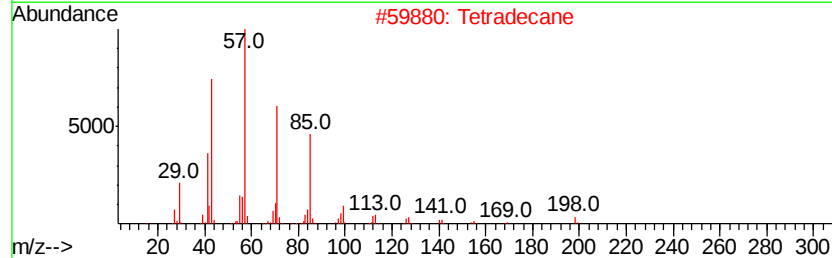
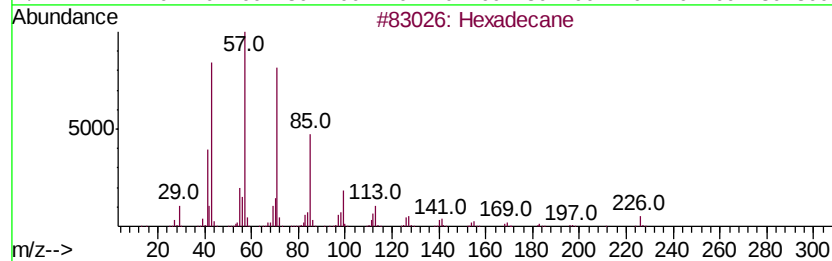
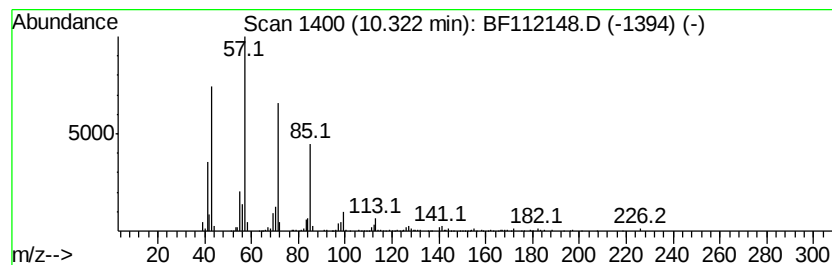
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.32	5.50 ng	488394	Acenaphthene-d10		9.89	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	95
2	Tetradecane		198	C14H30	000629-59-4	91
3	Heneicosane		296	C21H44	000629-94-7	90
4	Pentadecane		212	C15H32	000629-62-9	86
5	Eicosane		282	C20H42	000112-95-8	86



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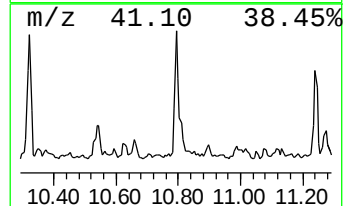
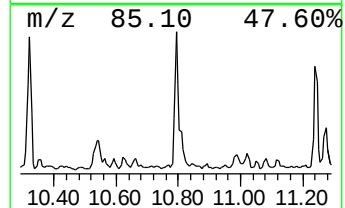
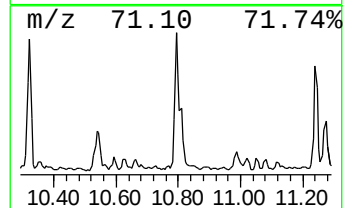
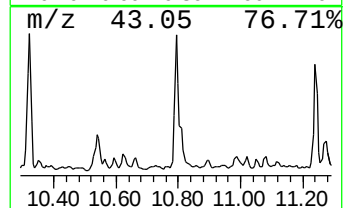
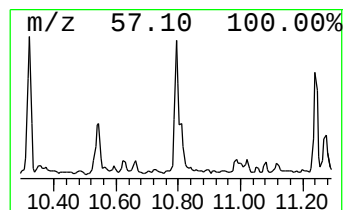
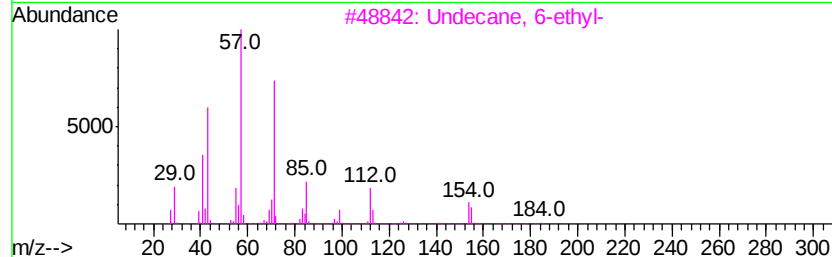
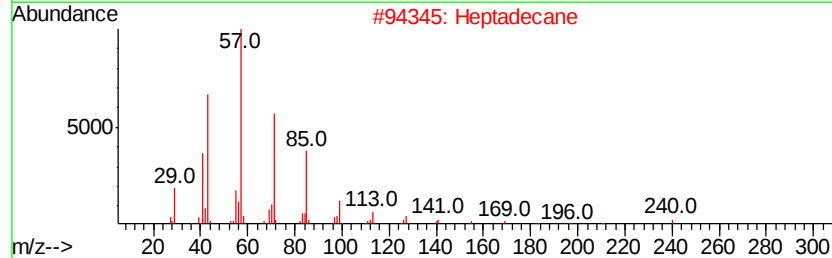
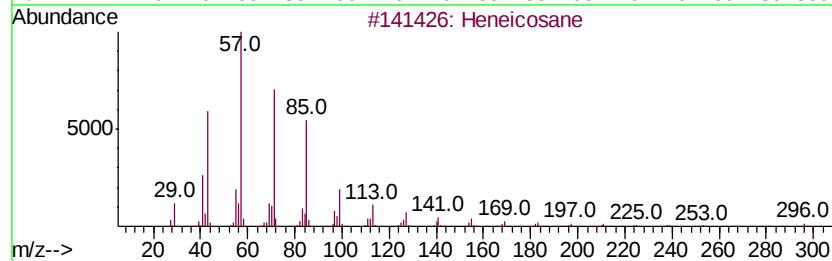
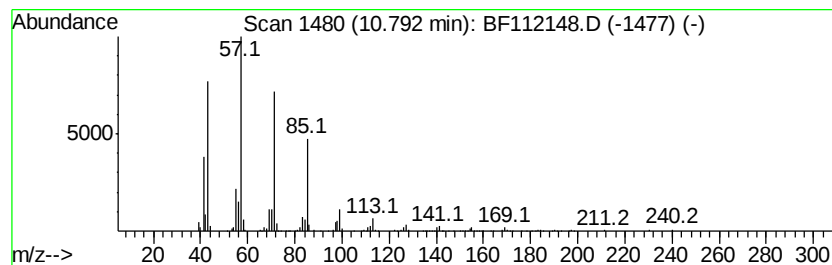
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.79	6.88 ng	594858	Phenanthrene-d10		11.38
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	Undecane, 6-ethyl-	184	C13H28	017312-60-6	87
4	Nonadecane	268	C19H40	000629-92-5	87
5	Tetradecane	198	C14H30	000629-59-4	86



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ClientSampleId :
SU-01-011719-A

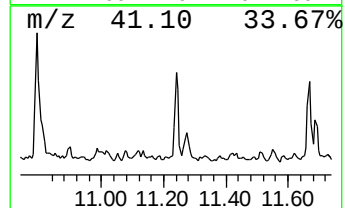
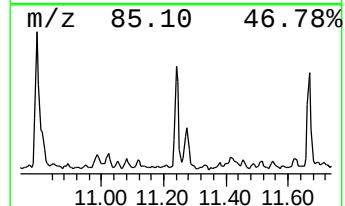
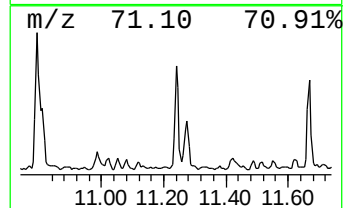
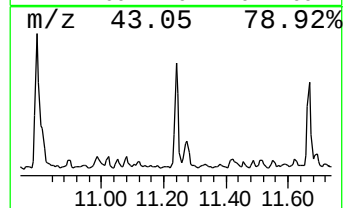
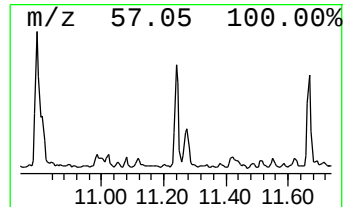
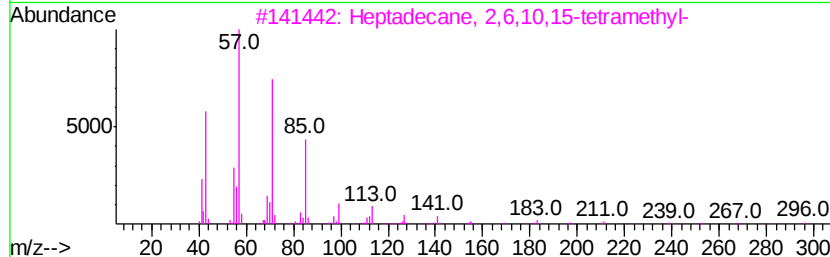
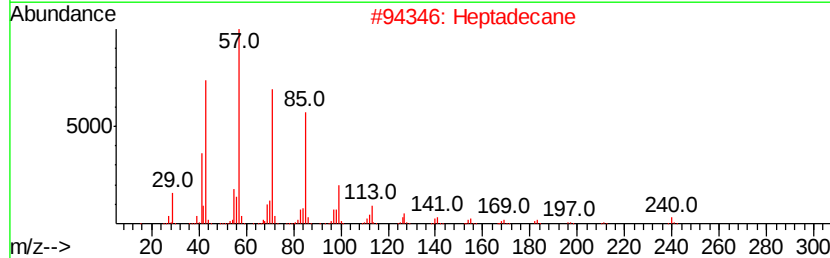
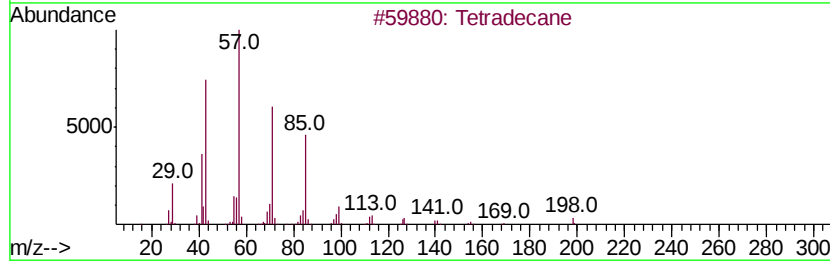
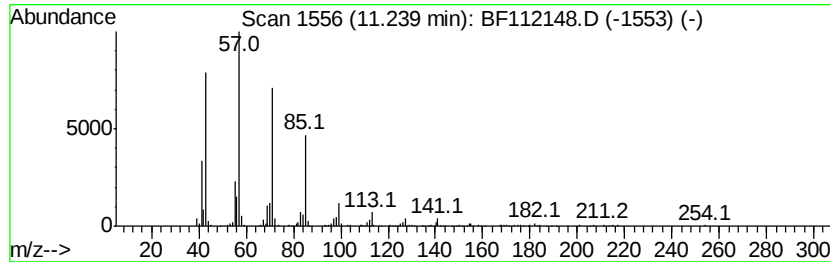
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetradecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	3.95 ng	341644	Phenanthrene-d10	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	91
2		Heptadecane	240	C17H36	000629-78-7	90
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
4		Hexadecane	226	C16H34	000544-76-3	90
5		Pentadecane	212	C15H32	000629-62-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112148.D
Acq On : 19 Jan 2019 2:02
Operator : JU/SJ
Sample : K1015-09 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-011719-A

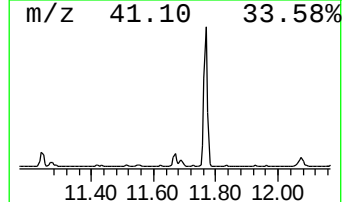
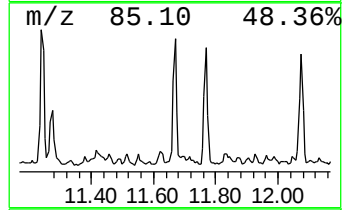
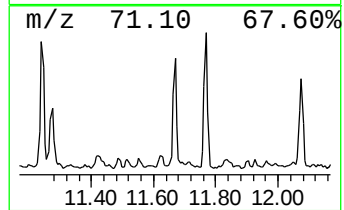
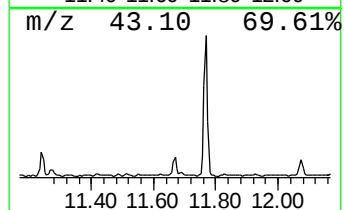
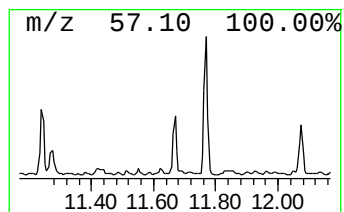
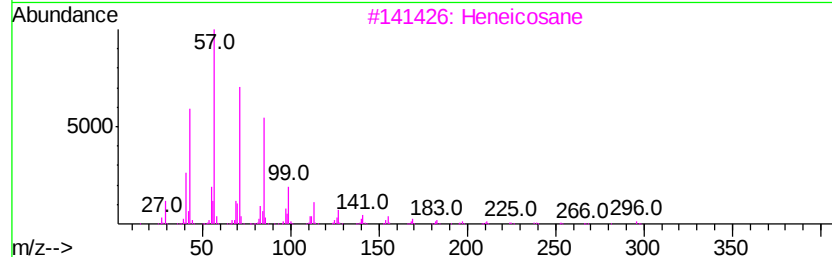
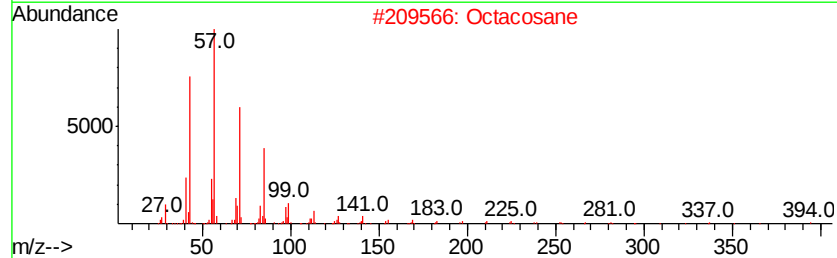
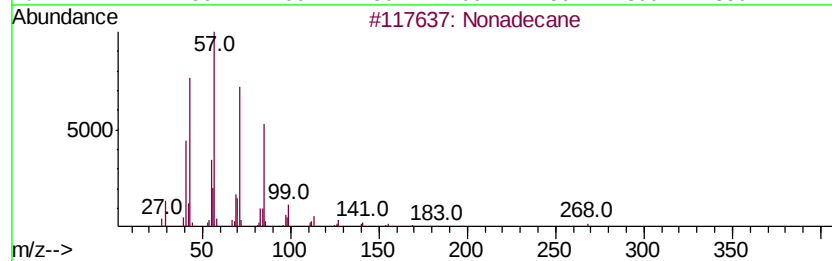
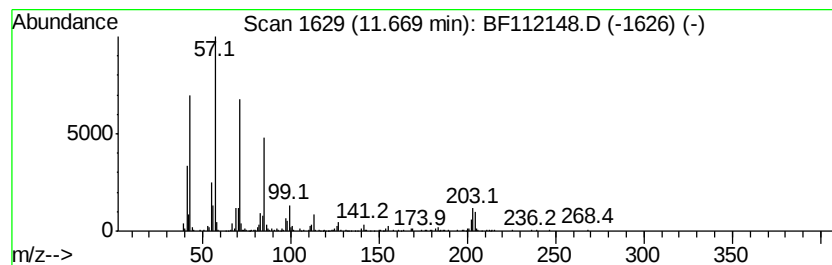
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Nonadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	3.93 ng	339921	Phenanthrene-d10	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	95
2		Octacosane	394	C28H58	000630-02-4	81
3		Heneicosane	296	C21H44	000629-94-7	76
4		Hexadecane	226	C16H34	000544-76-3	74
5		Tetradecane	198	C14H30	000629-59-4	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112148.D
Acq On : 19 Jan 2019 2:02
Operator : JU/SJ
Sample : K1015-09 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-01-011719-A

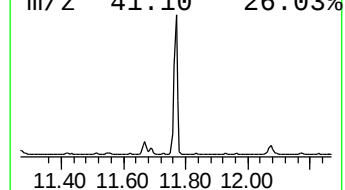
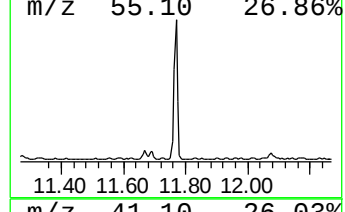
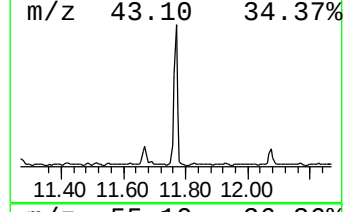
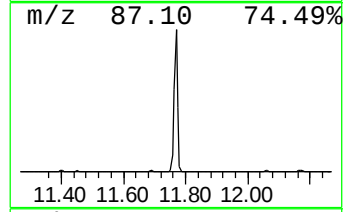
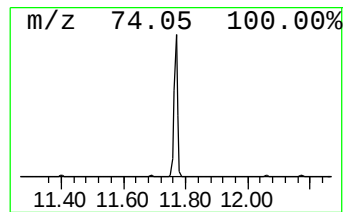
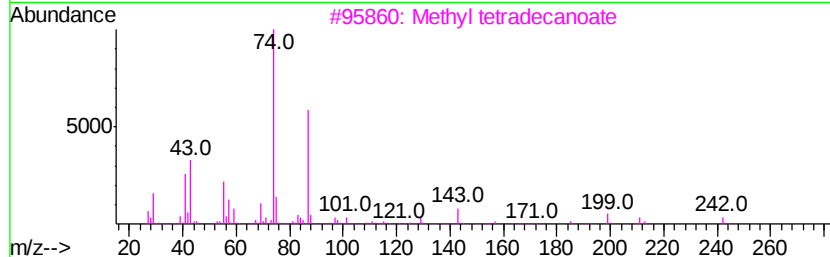
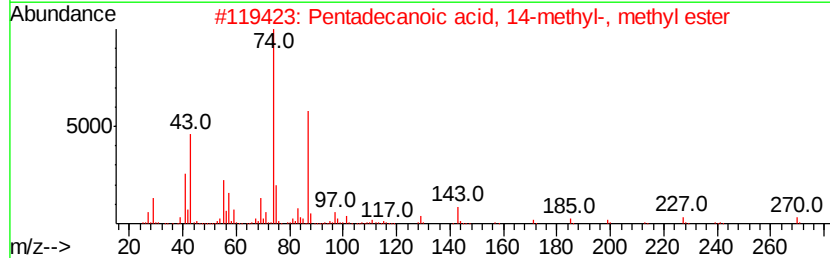
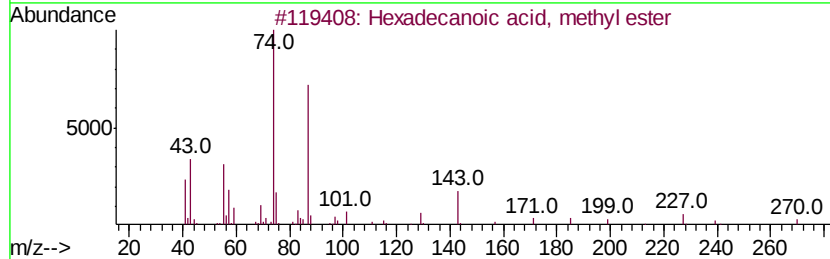
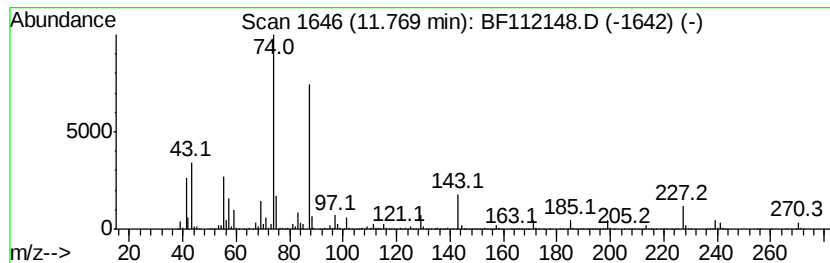
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	49.56 ng	4282020	Phenanthrene-d10	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3		Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
4		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
5		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112148.D
Acq On : 19 Jan 2019 2:02
Operator : JU/SJ
Sample : K1015-09 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

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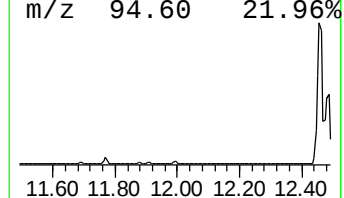
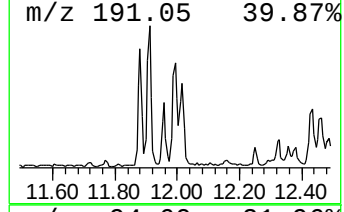
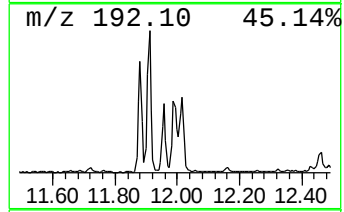
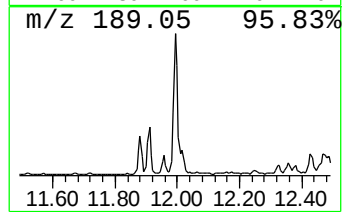
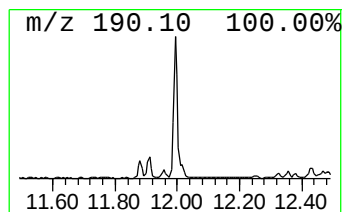
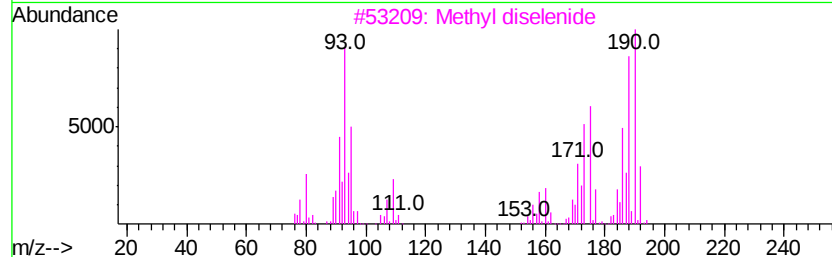
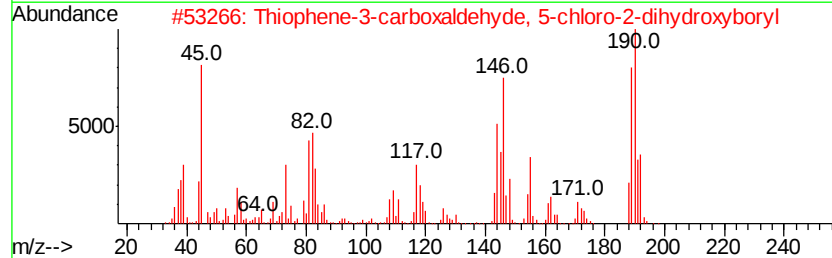
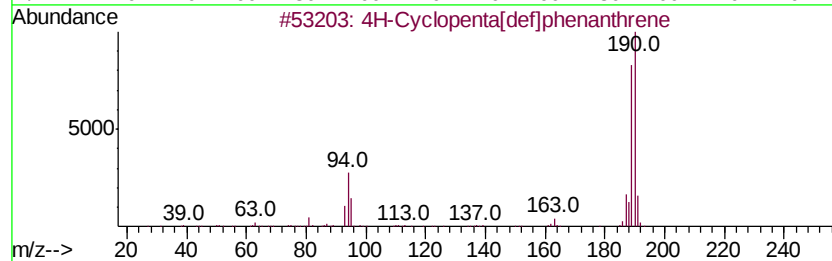
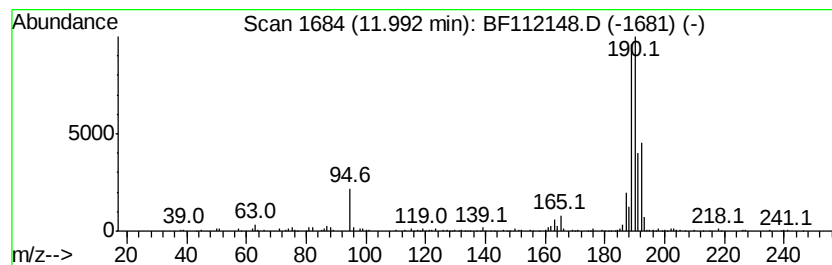
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	3.43 ng	296315	Phenanthrene-d10	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3		Methyl diselenide	190	C2H6Se2	007101-31-7	45
4		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5		1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112148.D
Acq On : 19 Jan 2019 2:02
Operator : JU/SJ
Sample : K1015-09 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

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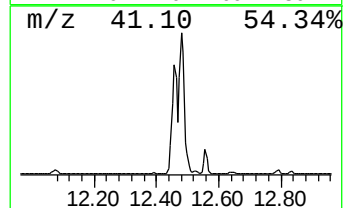
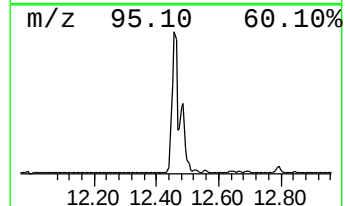
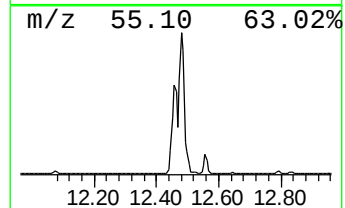
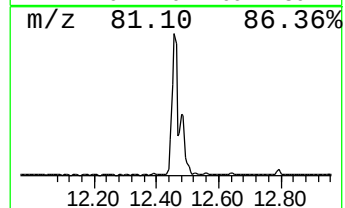
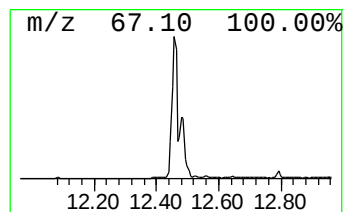
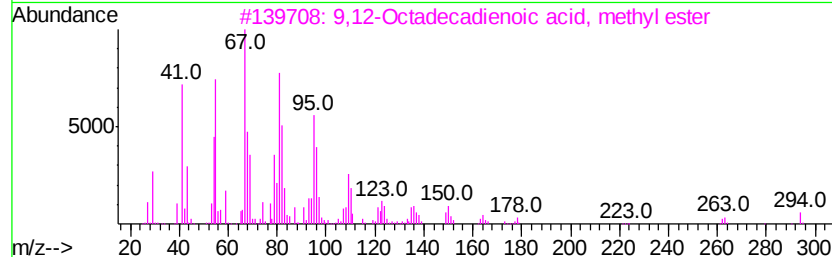
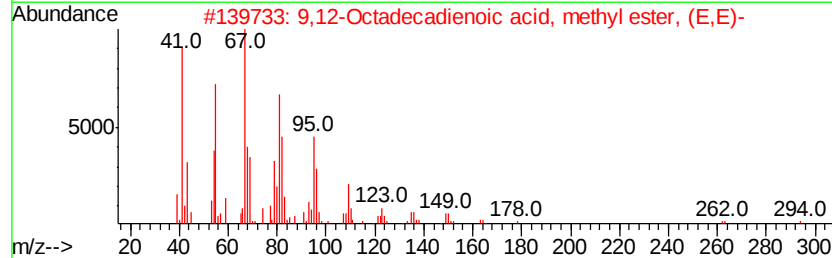
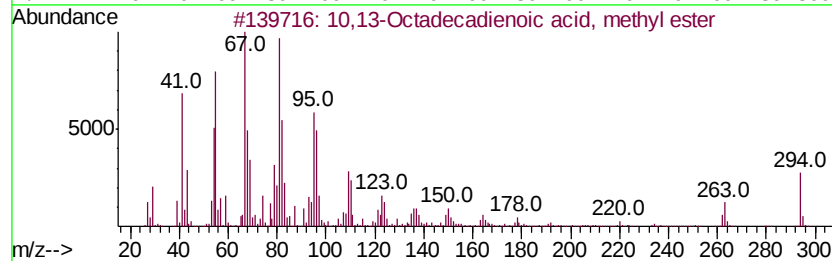
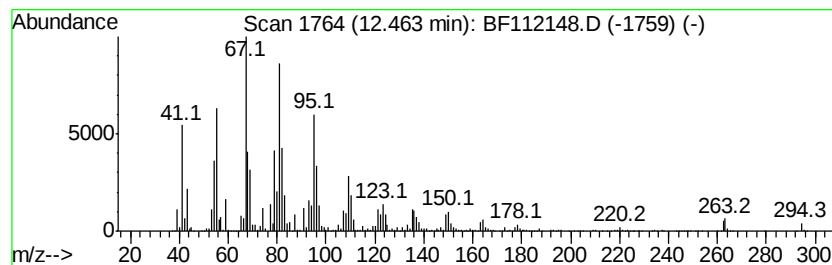
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 10,13-Octadecadienoic acid,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	123.65 ng	10683600	Phenanthrene-d10	11.38

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		9,12-Octadecadienoic acid, methv...	294	C19H34O2	002462-85-3	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\BF011819\
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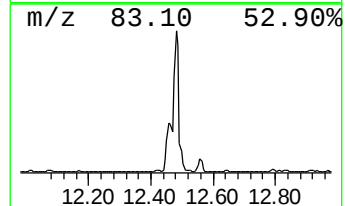
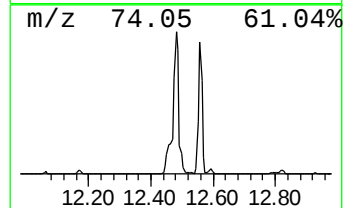
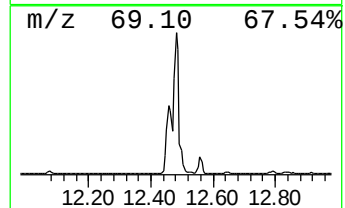
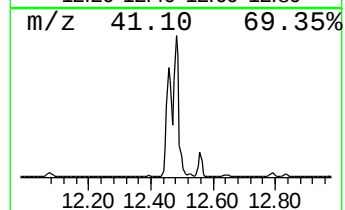
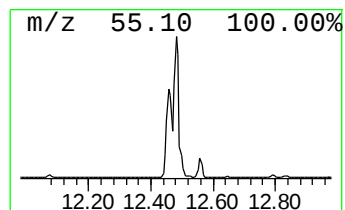
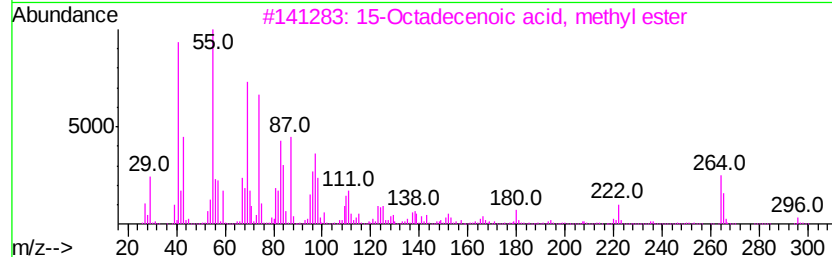
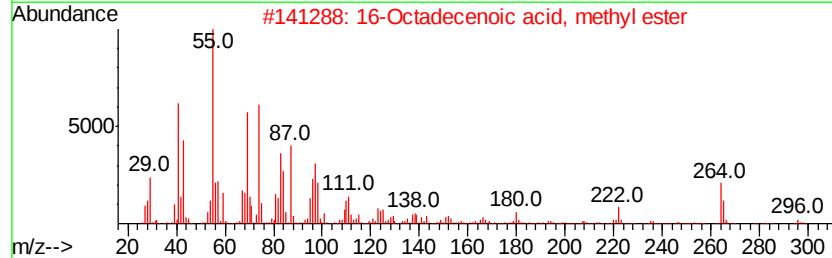
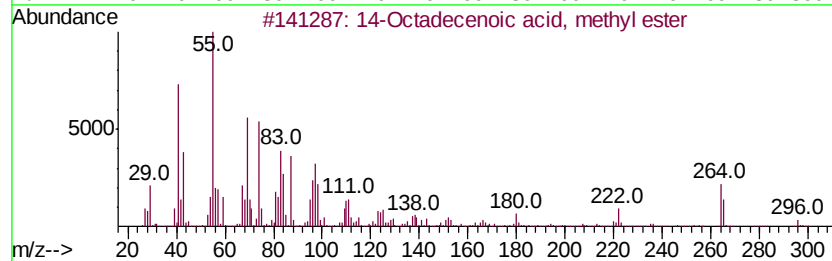
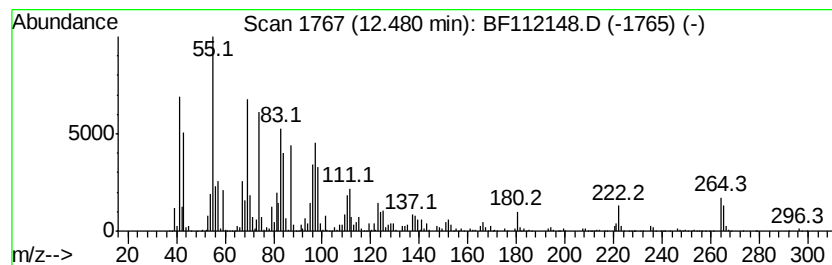
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 14-Octadecenoic acid, methyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	139.97 ng	12093100	Phenanthrene-d10	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
2		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
3		15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
4		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	98
5		9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
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Sample : K1015-09 5X
Misc :
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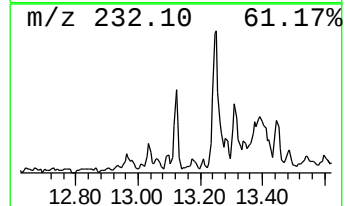
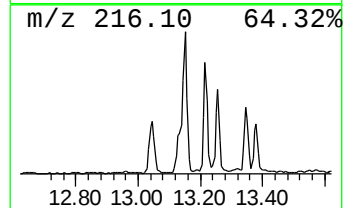
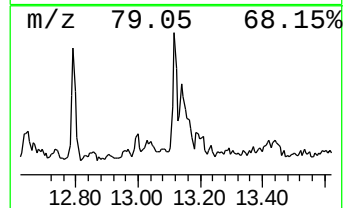
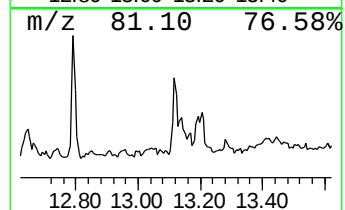
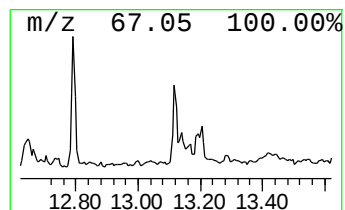
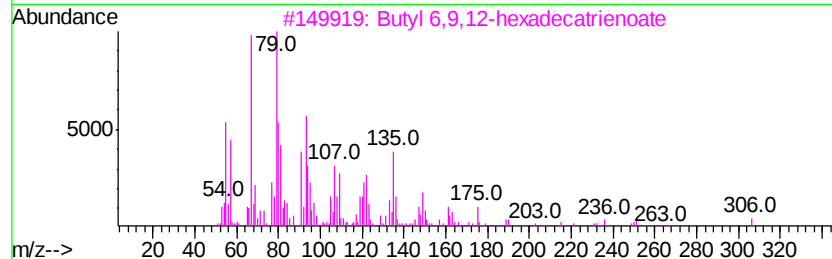
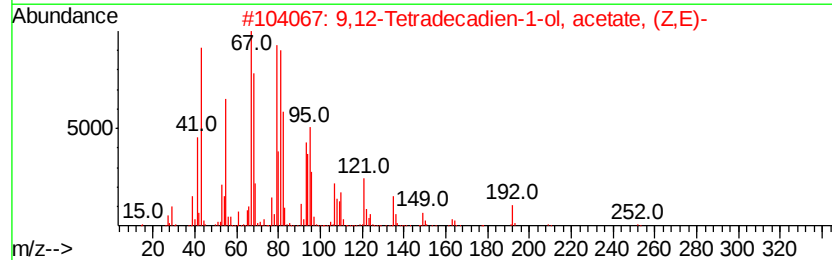
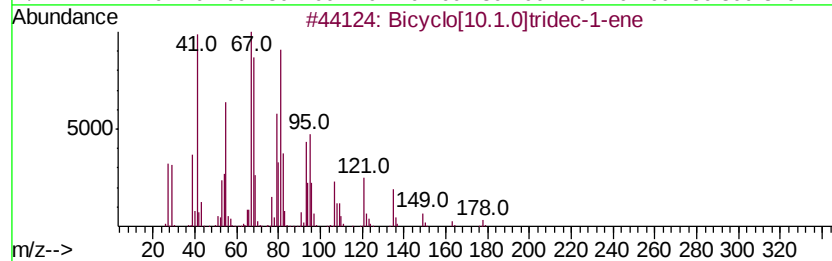
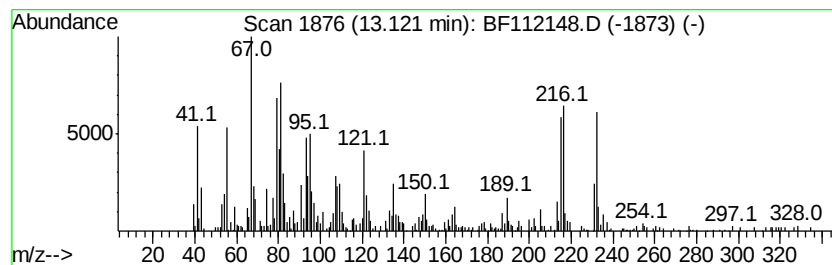
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Bicyclo[10.1.0]tridec-1-ene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.12	2.90 ng	369352	Chrysene-d12	14.02		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bicyclo[10.1.0]tridec-1-ene	178	C13H22	054766-91-5	83
2		9,12-Tetradecadien-1-ol, acetate...	252	C16H28O2	031654-77-0	76
3		Butyl 6,9,12-hexadecatrienoate	306	C20H34O2	1000336-80-1	76
4		Cyclooctene, 4-ethenyl-	136	C10H16	001124-45-4	62
5		9-Oxabicyclo[6.1.0]non-4-ene	124	C8H12O	000637-90-1	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112148.D
Acq On : 19 Jan 2019 2:02
Operator : JU/SJ
Sample : K1015-09 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-011719-A

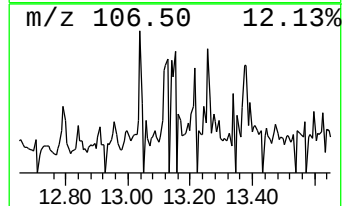
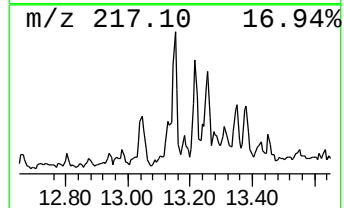
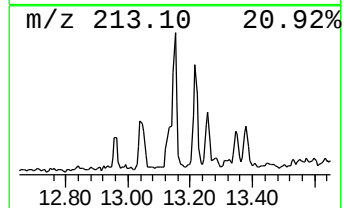
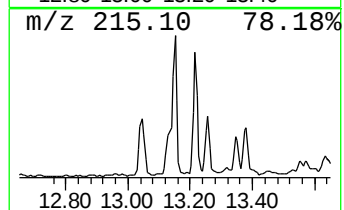
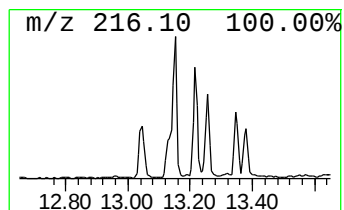
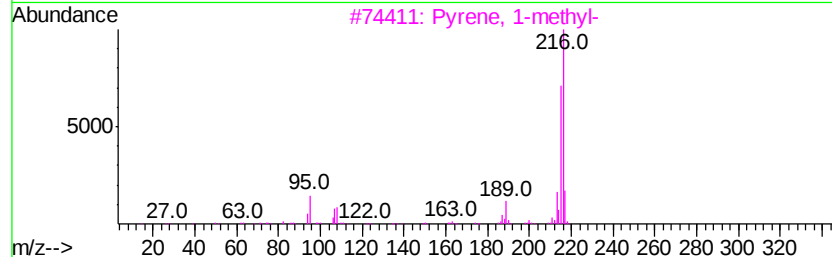
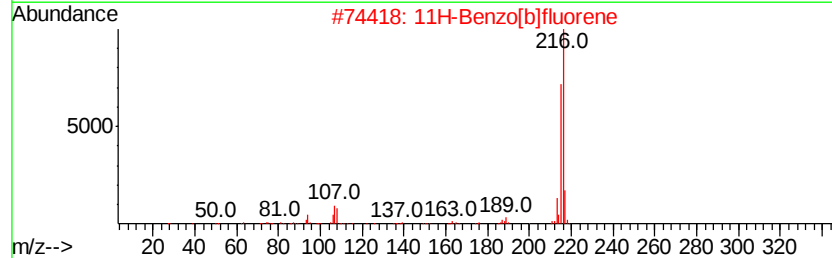
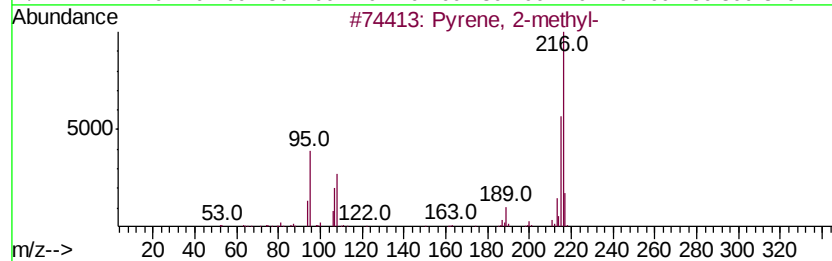
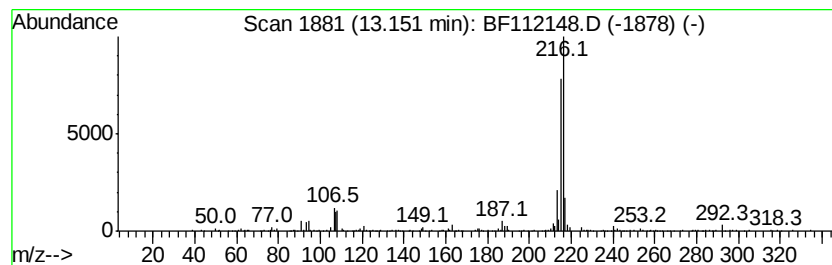
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pyrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	3.71 ng	473090	Chrysene-d12	14.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112148.D
Acq On : 19 Jan 2019 2:02
Operator : JU/SJ
Sample : K1015-09 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-011719-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 9-Octadecenoic acid (Z)-, m... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	3.55 ng	451838	Chrysene-d12	14.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	95
2			trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	93
3			9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	91
4			6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	90
5			10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	89

