

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
 Data File : BF114041.D
 Acq On : 30 Apr 2019 14:51
 Operator : JU/SJ
 Sample : K2194-01 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-042919-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-BF042219.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	5.510	578	582	593	rBV	1251411	1119023	8.17%	1.570%
2	6.510	748	752	765	rBV	1220625	1184762	8.65%	1.662%
3	6.657	773	777	781	rBV	1532519	1263717	9.23%	1.773%
4	6.887	813	816	820	rBV	739688	650226	4.75%	0.912%
5	7.045	839	843	847	rBV	1253147	1010955	7.38%	1.418%
6	7.445	904	911	917	rBV	817854	751609	5.49%	1.054%
7	8.169	1029	1034	1041	rBV	938090	906352	6.62%	1.271%
8	8.763	1132	1135	1139	rBV3	193781	180836	1.32%	0.254%
9	9.245	1213	1217	1222	rBV	1695013	1473417	10.76%	2.067%
10	9.328	1227	1231	1235	rBV	361381	334409	2.44%	0.469%
11	9.633	1280	1283	1284	rBV	235811	188955	1.38%	0.265%
12	9.857	1314	1321	1324	rBV	550408	489833	3.58%	0.687%
13	9.922	1329	1332	1335	rVV	1011069	973197	7.11%	1.365%
14	9.957	1335	1338	1341	rVB	211173	181757	1.33%	0.255%
15	10.180	1372	1376	1380	rBV5	122714	166326	1.21%	0.233%
16	10.357	1400	1406	1409	rBV	639268	581662	4.25%	0.816%
17	10.469	1422	1425	1431	rBV	193517	233893	1.71%	0.328%
18	10.575	1438	1443	1447	rBV	210104	343694	2.51%	0.482%
19	10.710	1461	1466	1470	rBV	1006246	942081	6.88%	1.322%
20	10.827	1483	1486	1494	rVB	652685	719700	5.26%	1.010%
21	11.275	1559	1562	1565	rBV	604187	493133	3.60%	0.692%
22	11.304	1565	1567	1573	rVB	285337	312229	2.28%	0.438%
23	11.410	1581	1585	1587	rBV	1017704	954676	6.97%	1.339%
24	11.433	1587	1589	1592	rVV	1169720	928128	6.78%	1.302%
25	11.480	1595	1597	1601	rVB	307490	270112	1.97%	0.379%
26	11.633	1618	1623	1625	rBV3	96411	142220	1.04%	0.200%
27	11.704	1631	1635	1637	rBV	493506	469503	3.43%	0.659%
28	11.722	1637	1638	1643	rVB2	257807	175444	1.28%	0.246%
29	11.804	1648	1652	1655	rBV	5791470	5264442	38.45%	7.385%
30	11.939	1672	1675	1678	rVV	635498	568969	4.16%	0.798%
31	12.022	1686	1689	1691	rBV	244787	227097	1.66%	0.319%
32	12.110	1698	1704	1708	rBV2	446173	507853	3.71%	0.712%
33	12.204	1717	1720	1722	rBV	201259	156900	1.15%	0.220%
34	12.504	1765	1771	1772	rVV	7872539	12277437	89.66%	17.223%

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35	12.527	1772	1775	1780	rVV2	9379207	13692705	100.00%	19.208%
36	12.563	1780	1781	1783	rVV2	275426	162507	1.19%	0.228%
37	12.592	1783	1786	1789	rVV	2780660	2579723	18.84%	3.619%
38	12.621	1789	1791	1794	rVV	1960017	2034642	14.86%	2.854%
39	12.651	1794	1796	1803	rVV2	1027229	1408139	10.28%	1.975%
40	12.721	1806	1808	1813	rVV2	461618	478969	3.50%	0.672%
41	12.774	1814	1817	1821	rVB4	124879	148223	1.08%	0.208%
42	12.827	1823	1826	1828	rVV2	670723	803894	5.87%	1.128%
43	12.857	1828	1831	1838	rVB	1273919	1571241	11.48%	2.204%
44	12.992	1851	1854	1857	rVB	1672442	1261057	9.21%	1.769%
45	13.074	1864	1868	1870	rBV2	148184	222964	1.63%	0.313%
46	13.151	1878	1881	1883	rBV	589950	544410	3.98%	0.764%
47	13.180	1883	1886	1889	rVV	564212	606455	4.43%	0.851%
48	13.239	1891	1896	1900	rVV3	675025	1040392	7.60%	1.459%
49	13.316	1906	1909	1911	rVB2	550015	442302	3.23%	0.620%
50	13.421	1922	1927	1929	rBV2	138122	226242	1.65%	0.317%
51	13.563	1949	1951	1955	rBV2	207256	185474	1.35%	0.260%
52	13.739	1977	1981	1984	rVB4	148010	206051	1.50%	0.289%
53	13.980	2020	2022	2026	rVB	316037	264028	1.93%	0.370%
54	14.045	2028	2033	2036	rVV3	1386654	1929226	14.09%	2.706%
55	14.074	2036	2038	2041	rVB	968035	693811	5.07%	0.973%
56	14.210	2058	2061	2063	rBV	249581	223454	1.63%	0.313%
57	14.521	2111	2114	2119	rBV3	310959	463196	3.38%	0.650%
58	14.833	2165	2167	2170	rVB	247528	196453	1.43%	0.276%
59	14.951	2183	2187	2191	rBV2	320245	492113	3.59%	0.690%
60	15.104	2209	2213	2216	rBV	652500	981652	7.17%	1.377%
61	15.174	2223	2225	2228	rVB2	281723	270691	1.98%	0.380%
62	15.410	2262	2265	2271	rVB	352926	448906	3.28%	0.630%
63	15.474	2272	2276	2282	rVB	492693	618065	4.51%	0.867%
64	15.539	2283	2287	2289	rBV	495179	645339	4.71%	0.905%

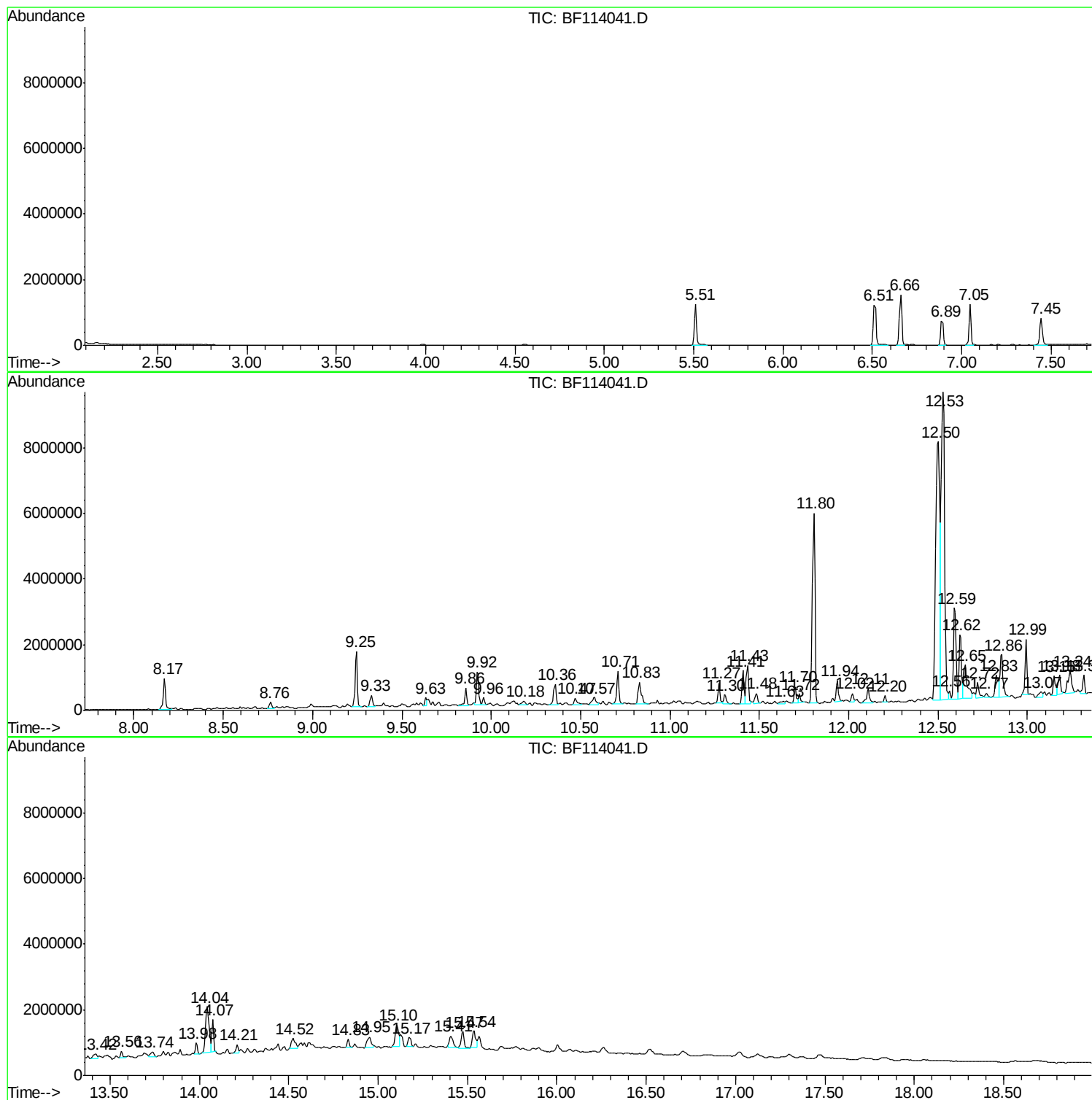
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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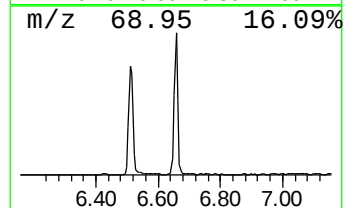
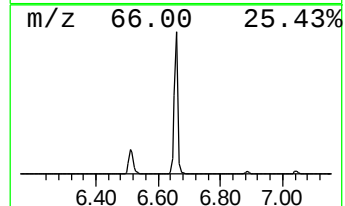
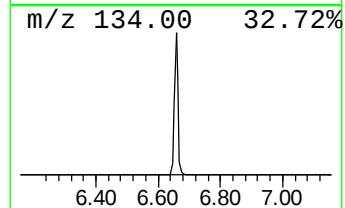
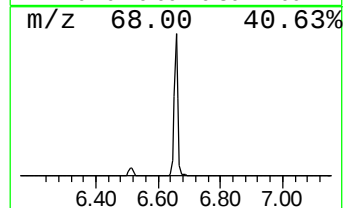
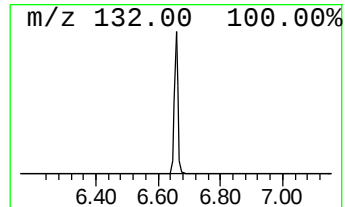
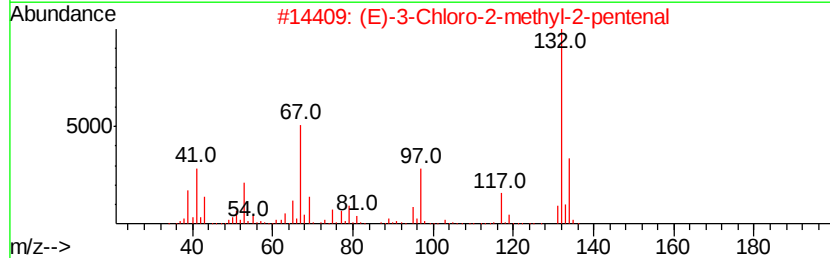
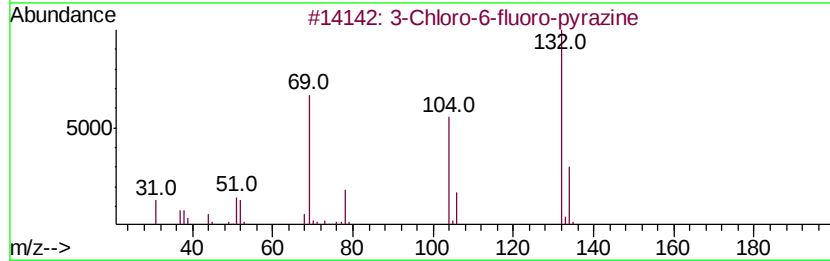
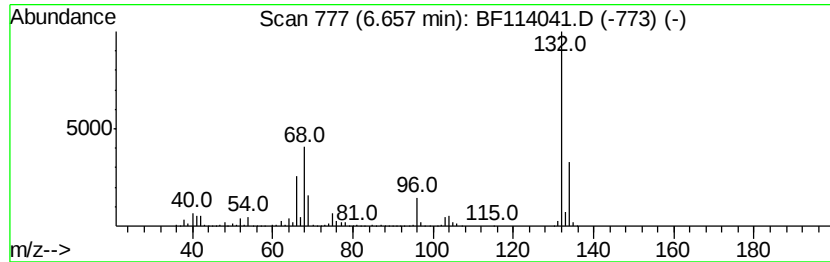
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.66 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	38.87 ng	1263720	1,4-Dichlorobenzene-d4	6.89

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	17
3		Tranvlcypropane-propionyl	189	C12H15NO	1000123-86-3	10
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9



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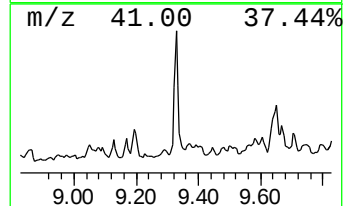
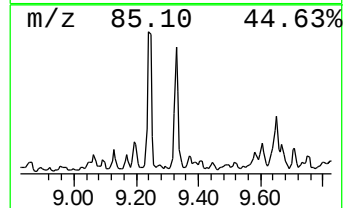
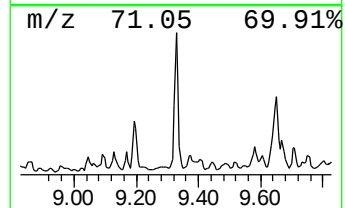
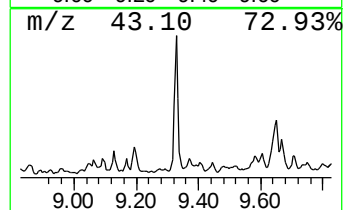
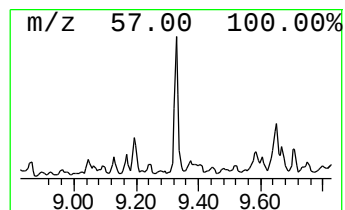
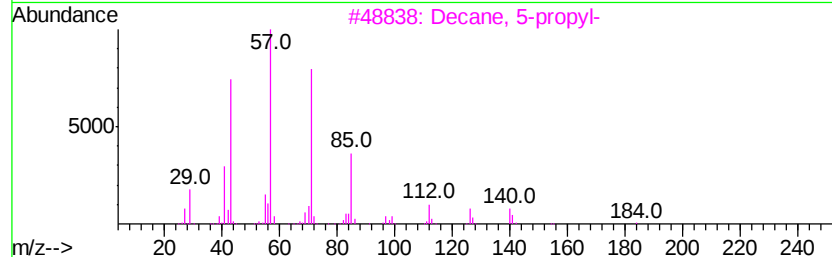
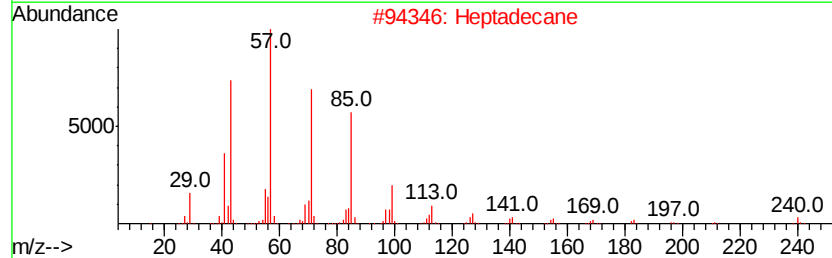
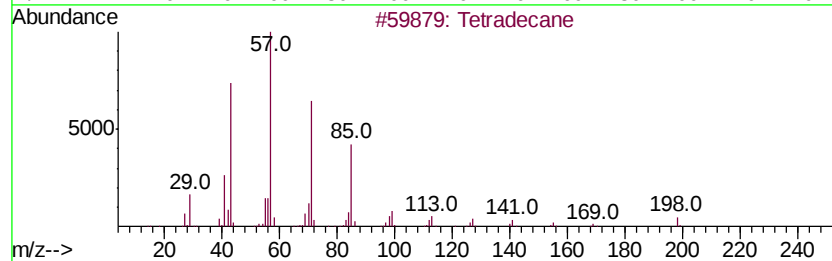
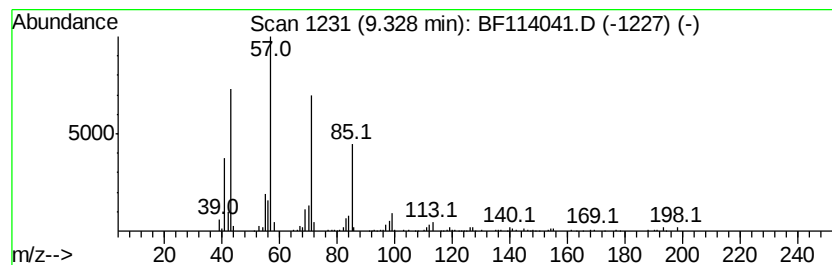
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Tetradecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.
9.33	6.87 ng	334409	Acenaphthene-d10		9.92
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Heptadecane	240	C17H36	000629-78-7	90
3	Decane, 5-propyl-	184	C13H28	017312-62-8	78
4	Hexadecane	226	C16H34	000544-76-3	72
5	Octacosane	394	C28H58	000630-02-4	64



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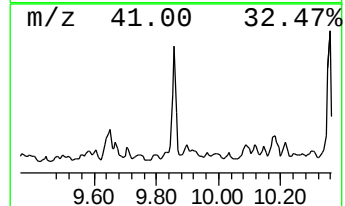
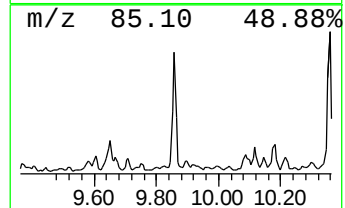
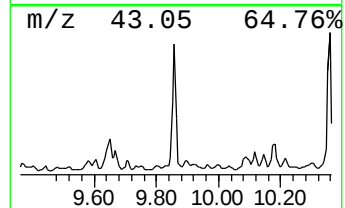
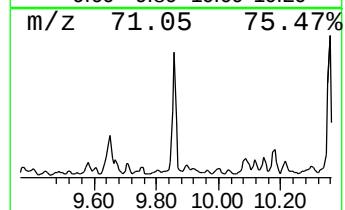
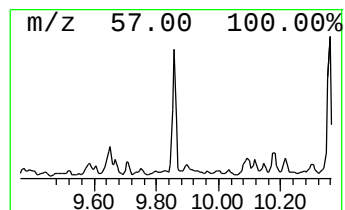
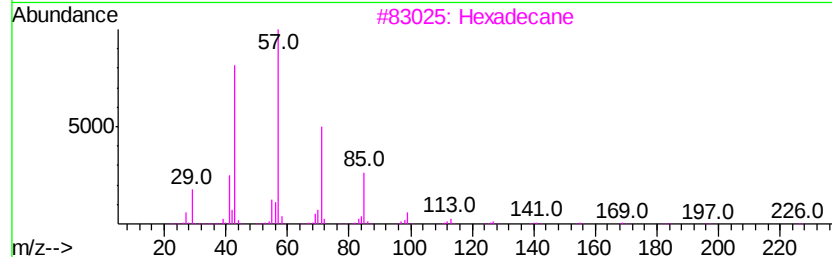
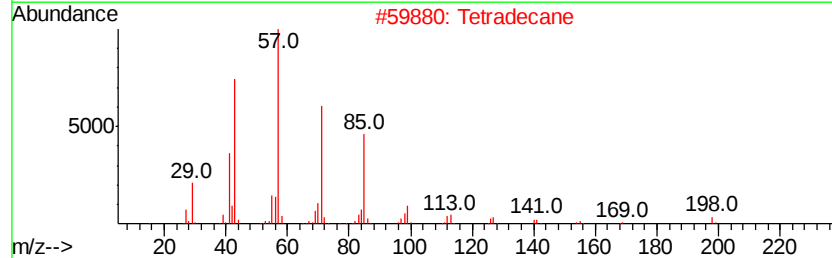
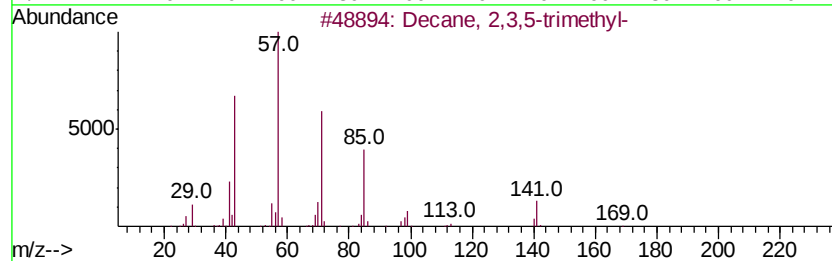
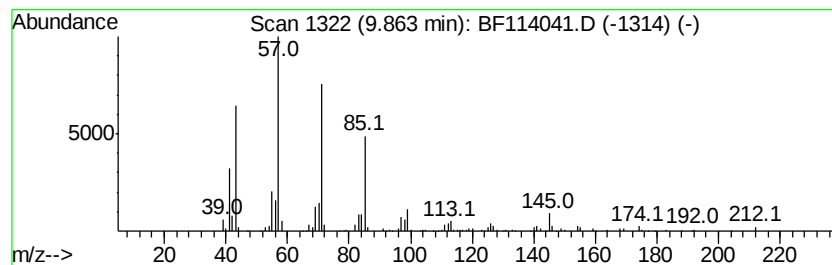
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Decane, 2,3,5-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.		
9.86	10.07 ng	489833	Acenaphthene-d10	9.92		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90	
2	Tetradecane	198	C14H30	000629-59-4	87	
3	Hexadecane	226	C16H34	000544-76-3	72	
4	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	59	
5	Heptadecane	240	C17H36	000629-78-7	58	



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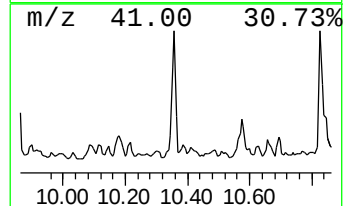
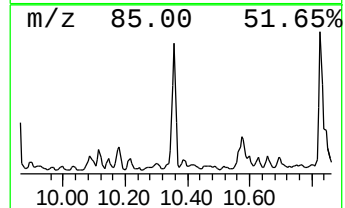
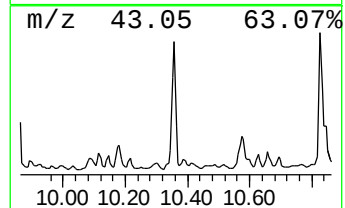
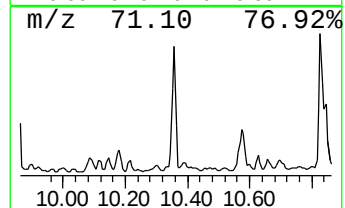
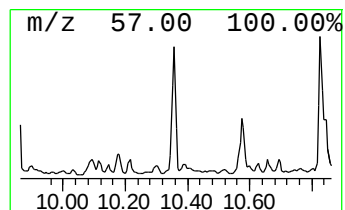
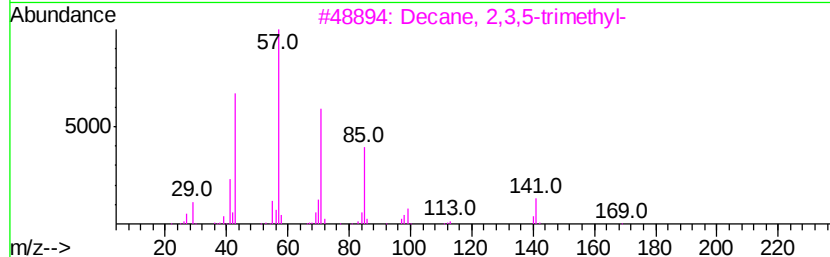
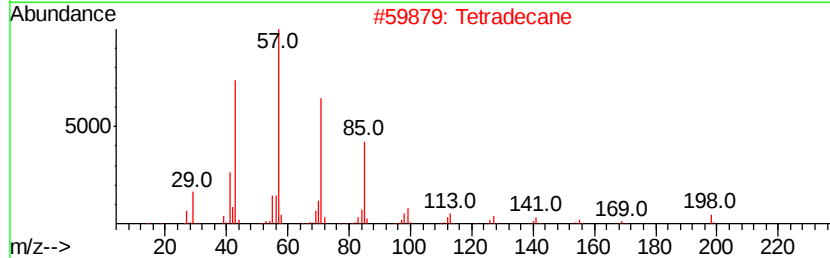
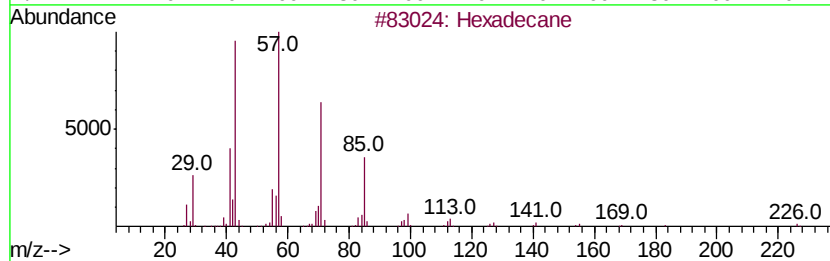
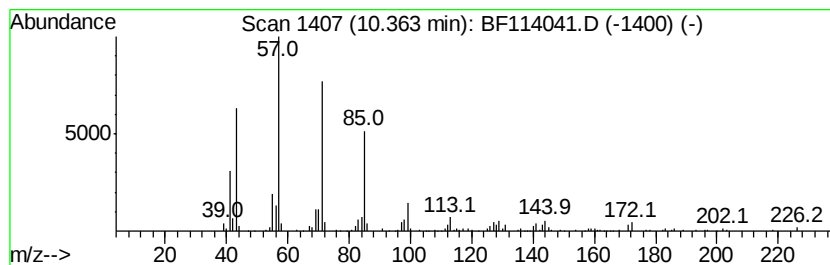
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	11.95 ng	581662	Acenaphthene-d10	9.92

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	94
2	Tetradecane		198	C14H30	000629-59-4	90
3	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	90
4	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	86
5	Sulfurous acid, 2-ethylhexyl hex...		278	C14H30O3S	1000309-20-2	72



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ALS Vial : 6 Sample Multiplier: 1

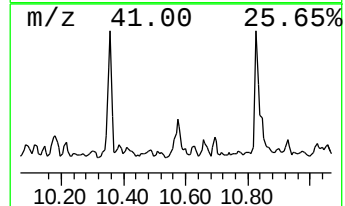
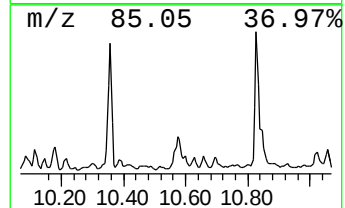
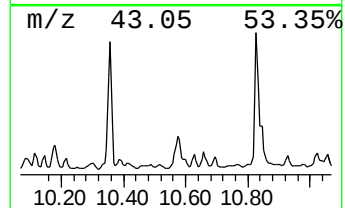
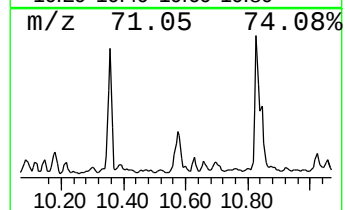
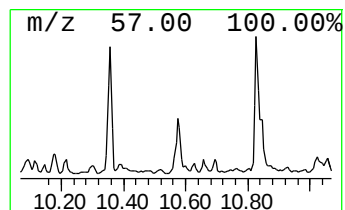
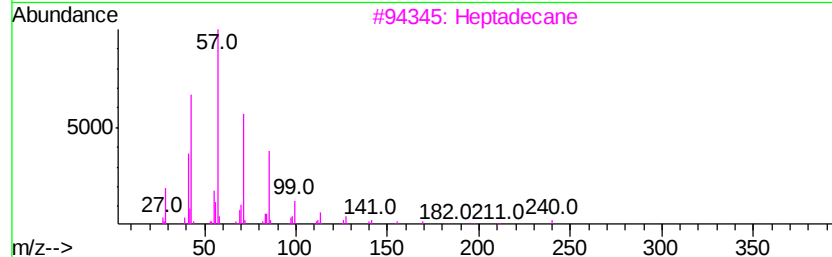
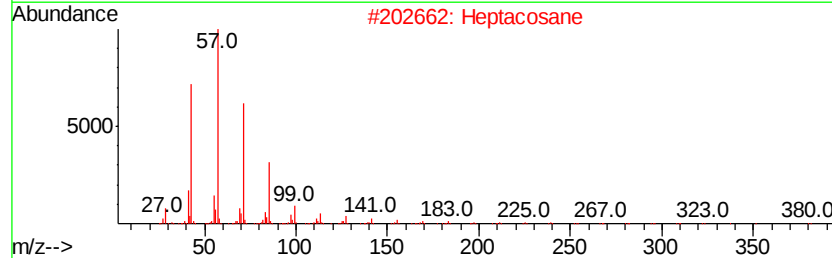
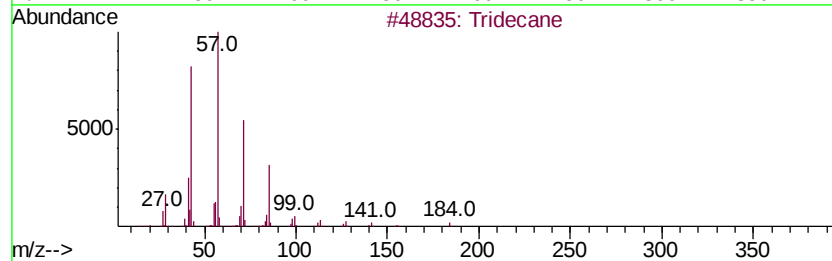
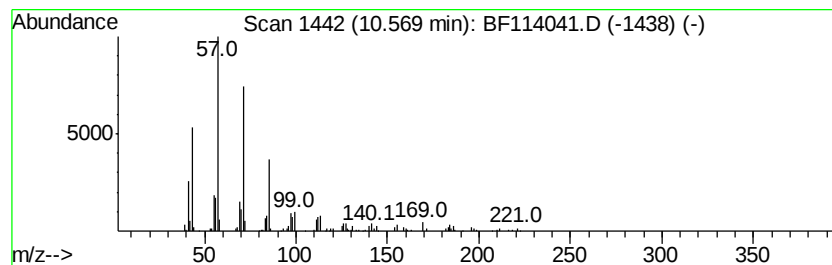
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ClientSampleId :
JC-03-042919-A

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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 6 Tridecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.57	7.06 ng	343694	Acenaphthene-d10		9.92	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	87
2		Heptacosane	380	C27H56	000593-49-7	80
3		Heptadecane	240	C17H36	000629-78-7	80
4		Eicosane	282	C20H42	000112-95-8	72
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114041.D
Acq On : 30 Apr 2019 14:51
Operator : JU/SJ
Sample : K2194-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

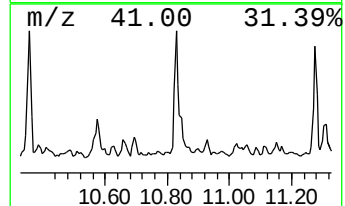
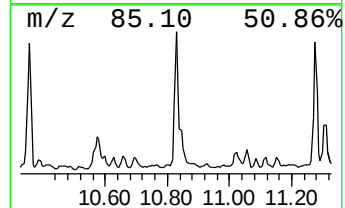
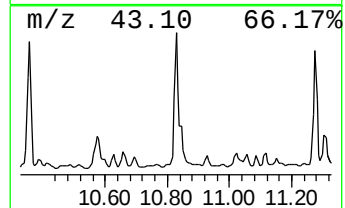
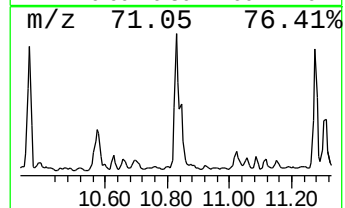
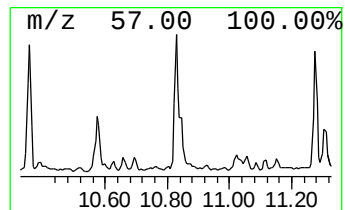
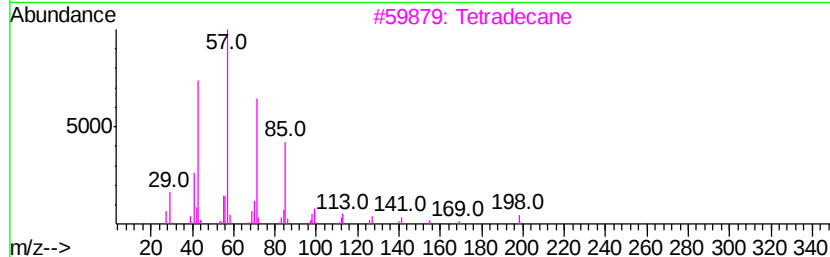
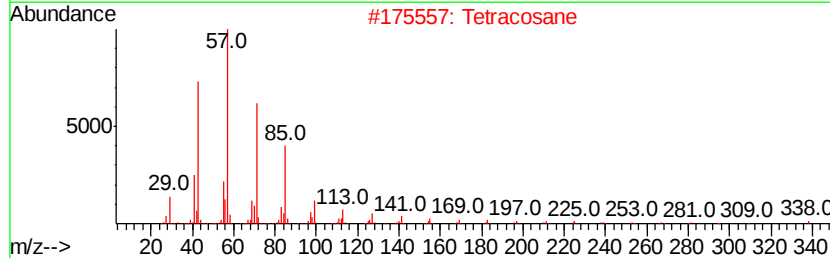
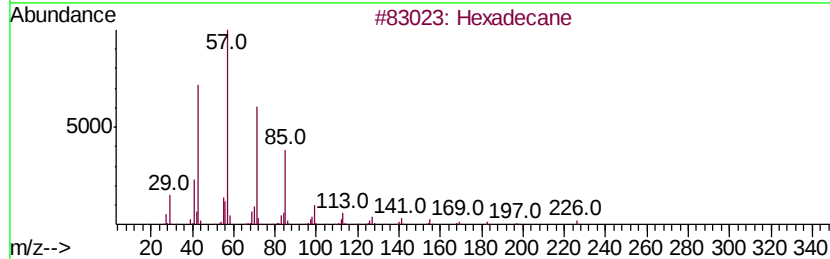
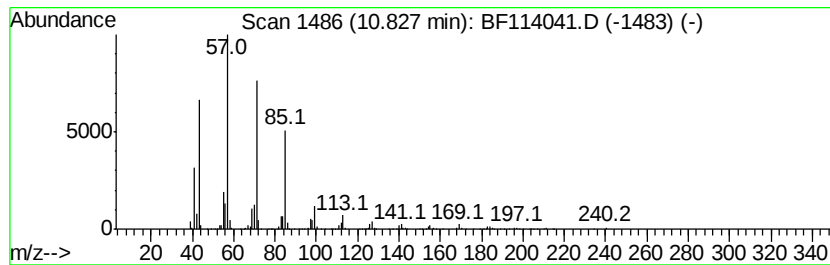
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.83	15.08 ng	719700	Phenanthrene-d10		11.41
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tetracosane	338	C24H50	000646-31-1	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Undecane, 6-ethyl-	184	C13H28	017312-60-6	87
5	Dodecane	170	C12H26	000112-40-3	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
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Sample : K2194-01 2X
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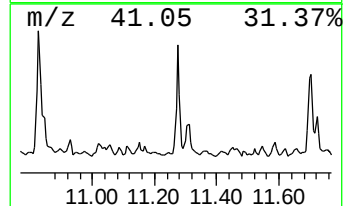
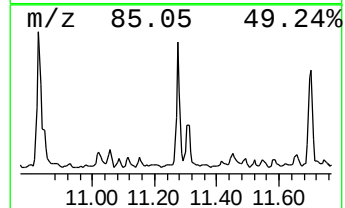
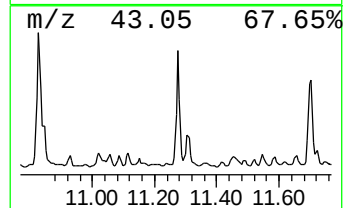
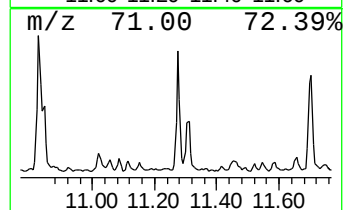
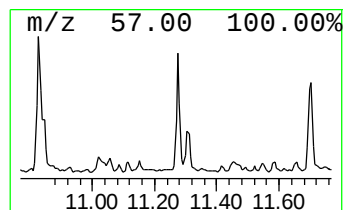
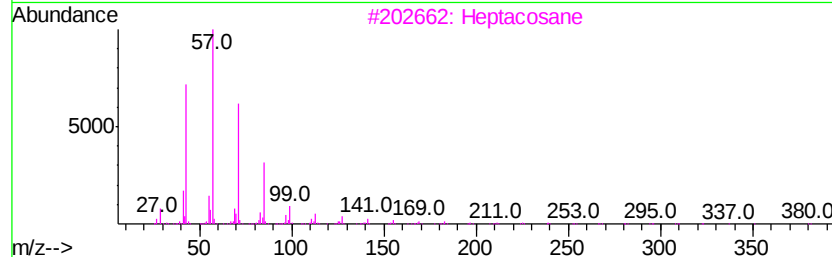
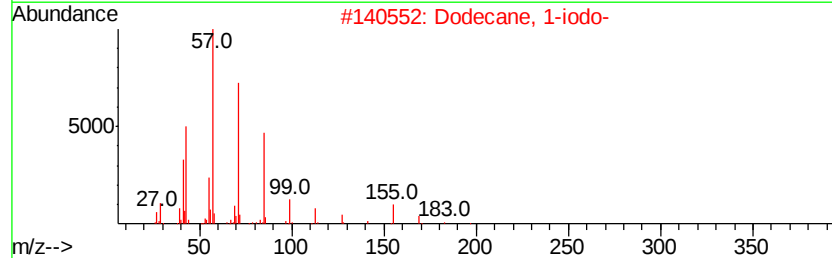
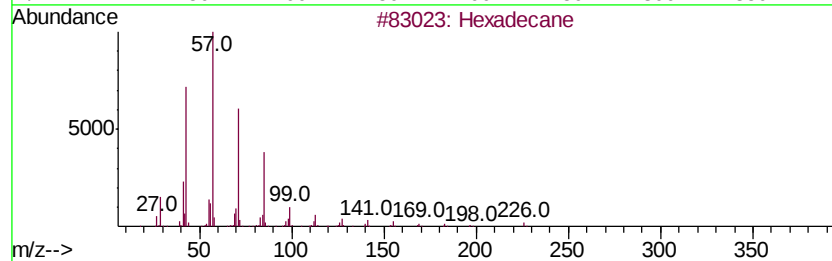
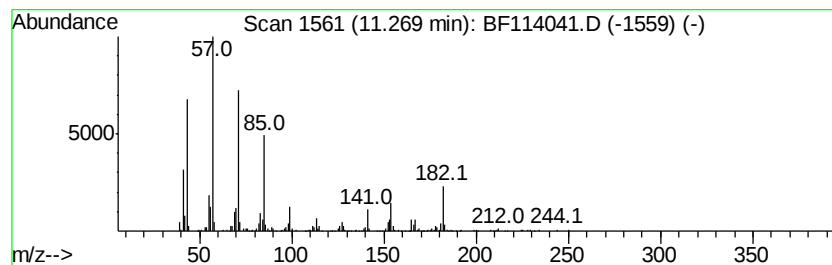
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dodecane, 1-iodo- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.27	10.33 ng	493133	Phenanthrene-d10		11.41	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	90
2	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	80
3	Heptacosane		380	C27H56	000593-49-7	72
4	Pentadecane		212	C15H32	000629-62-9	72
5	Tetracosane		338	C24H50	000646-31-1	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
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Operator : JU/SJ
Sample : K2194-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

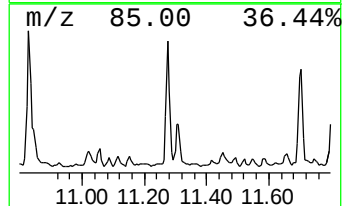
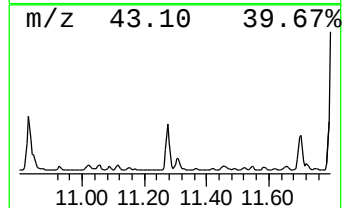
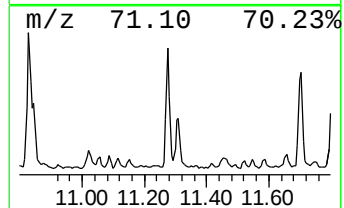
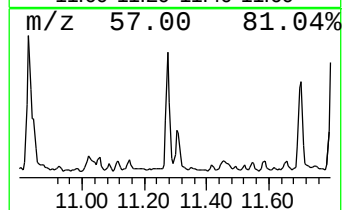
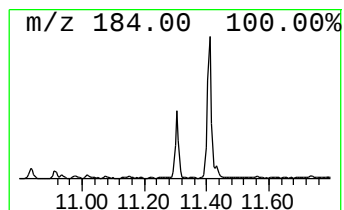
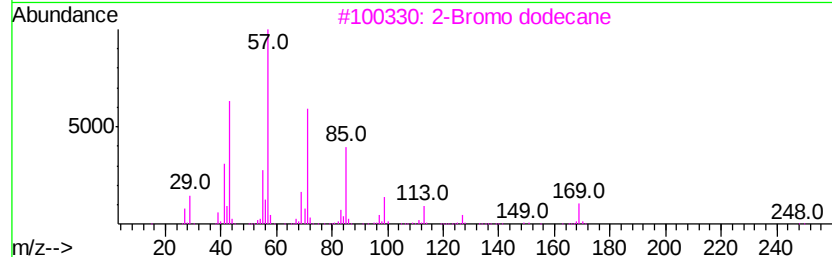
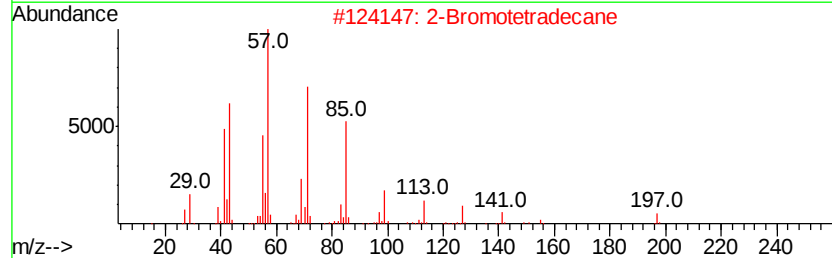
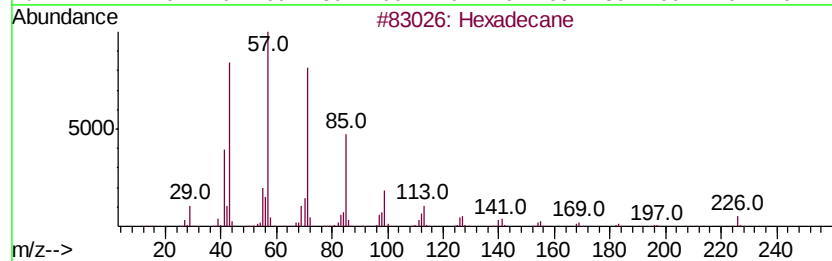
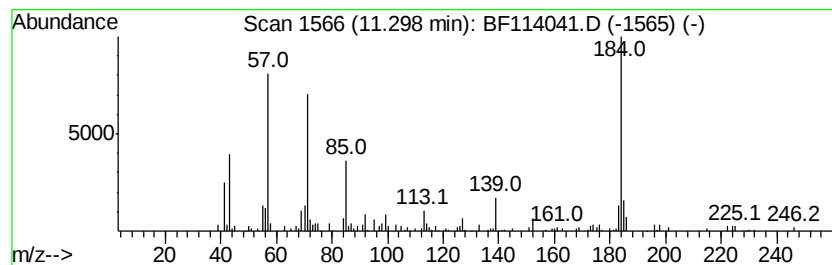
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown11.30 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.30	6.54 ng	312229	Phenanthrene-d10		11.41
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	49
2	2-Bromotetradecane	276	C14H29Br	074036-95-6	49
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	46
4	Heptacosane	380	C27H56	000593-49-7	46
5	Heptadecane	240	C17H36	000629-78-7	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114041.D
Acq On : 30 Apr 2019 14:51
Operator : JU/SJ
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Misc :
ALS Vial : 6 Sample Multiplier: 1

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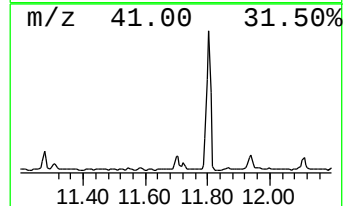
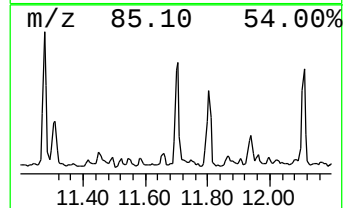
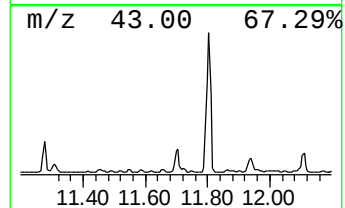
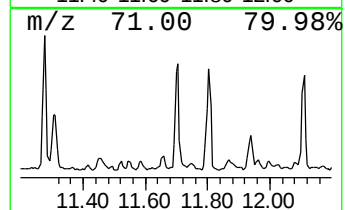
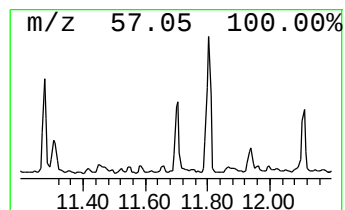
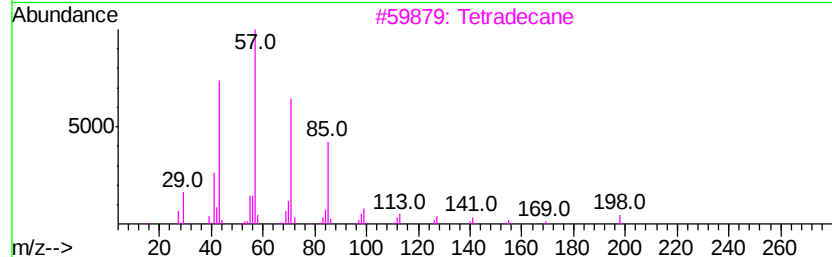
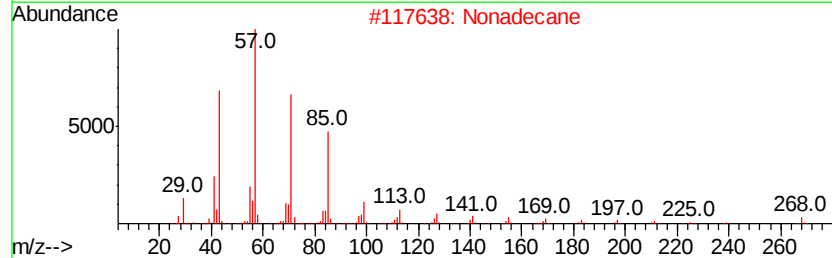
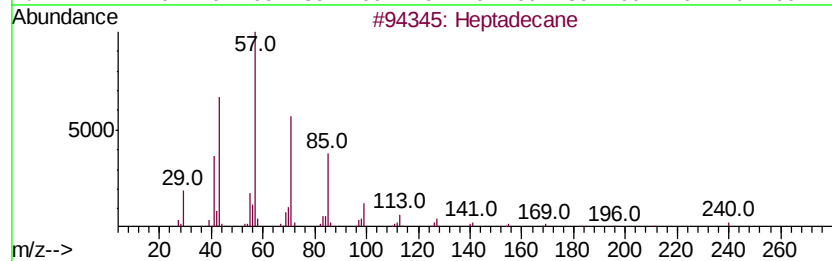
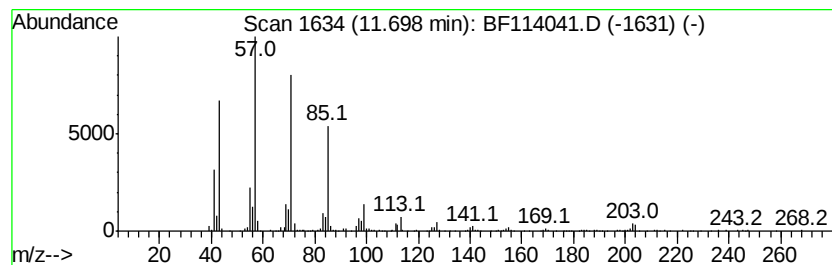
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	9.84 ng	469503	Phenanthrene-d10	11.41

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	87
2	Nonadecane		268	C19H40	000629-92-5	87
3	Tetradecane		198	C14H30	000629-59-4	87
4	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	87
5	Hexadecane		226	C16H34	000544-76-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
 Data File : BF114041.D
 Acq On : 30 Apr 2019 14:51
 Operator : JU/SJ
 Sample : K2194-01 2X
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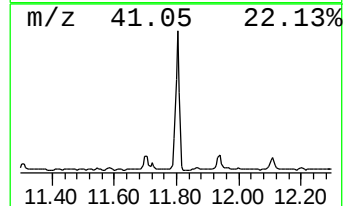
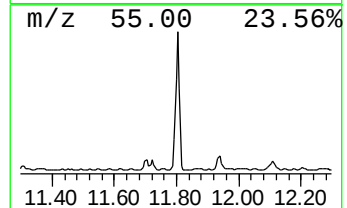
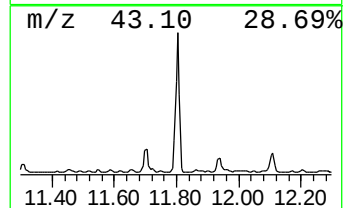
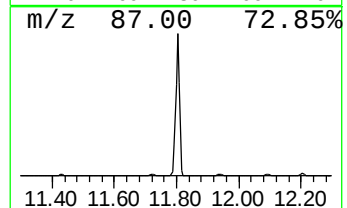
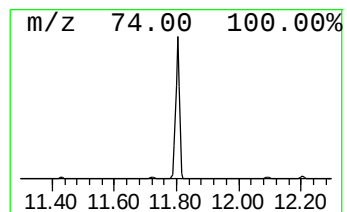
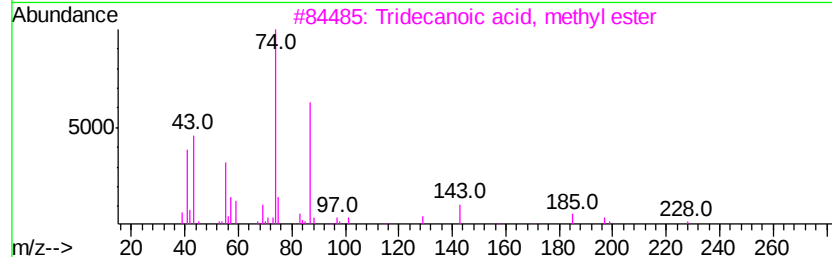
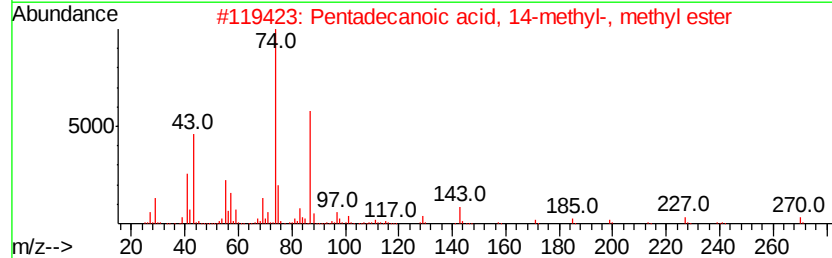
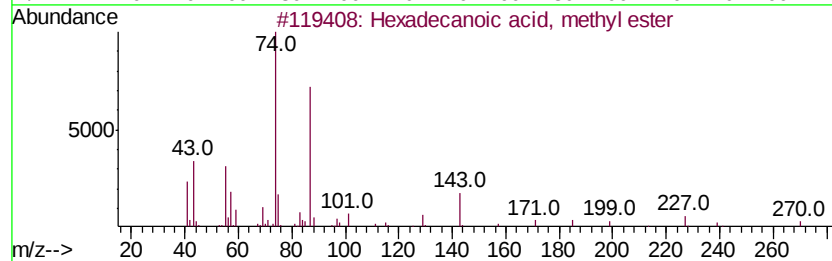
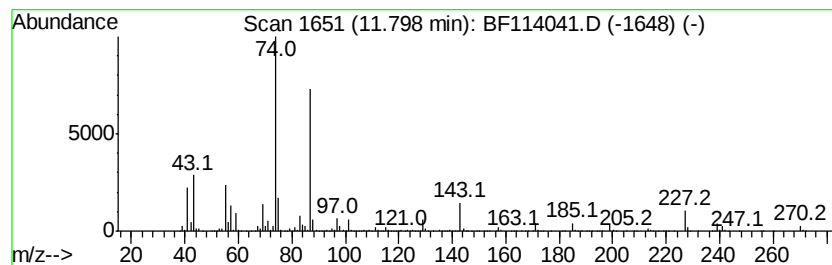
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	110.29 ng	5264440	Phenanthrene-d10	11.41

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	96
3		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5		Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
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Operator : JU/SJ
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Misc :
ALS Vial : 6 Sample Multiplier: 1

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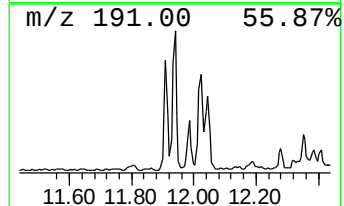
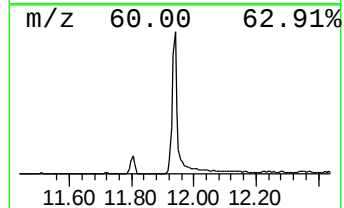
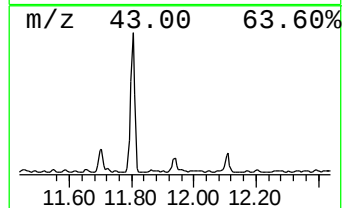
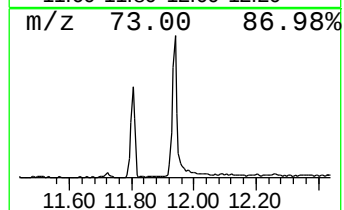
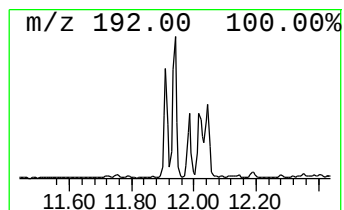
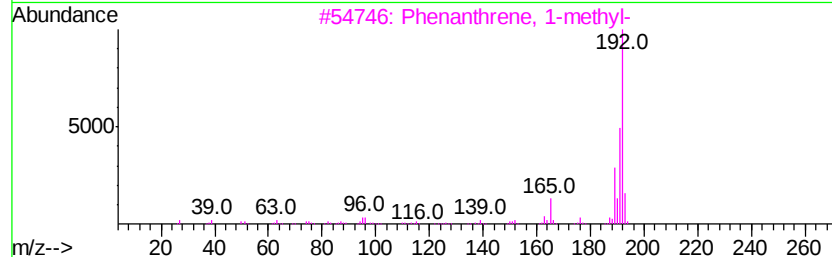
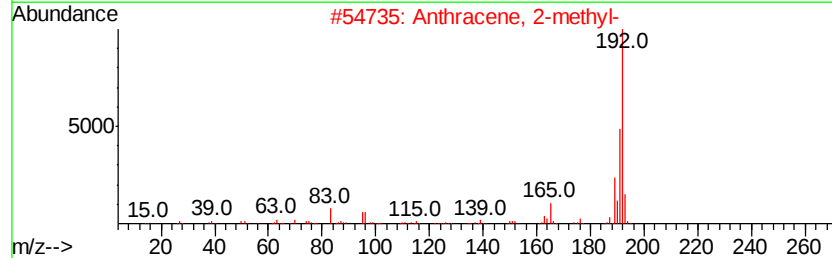
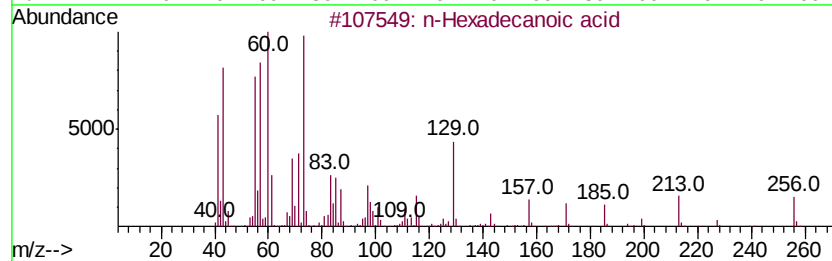
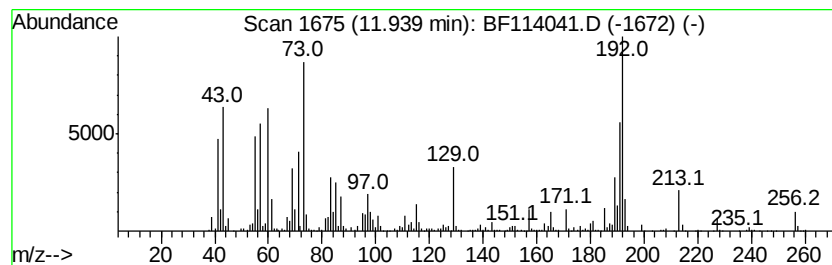
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	11.92 ng	568969	Phenanthrene-d10	11.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	78
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	78
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114041.D
Acq On : 30 Apr 2019 14:51
Operator : JU/SJ
Sample : K2194-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JC-03-042919-A

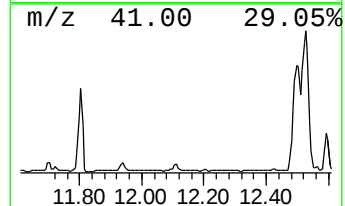
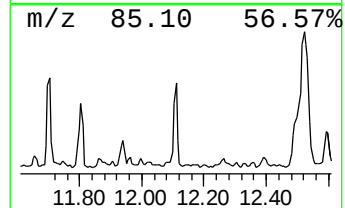
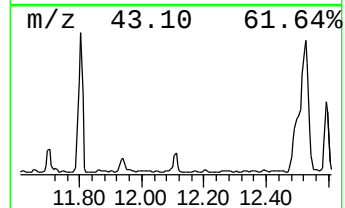
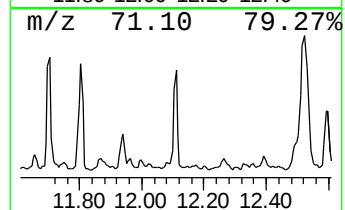
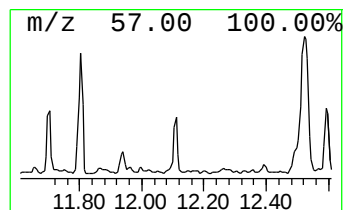
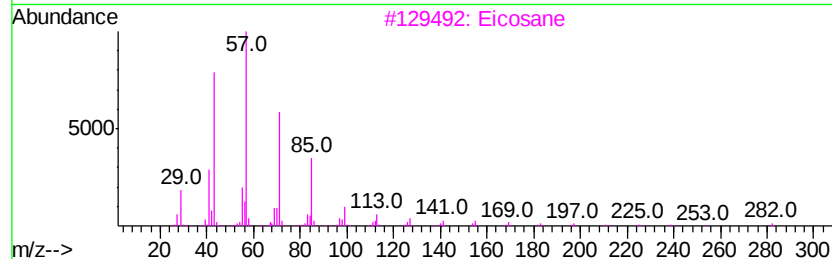
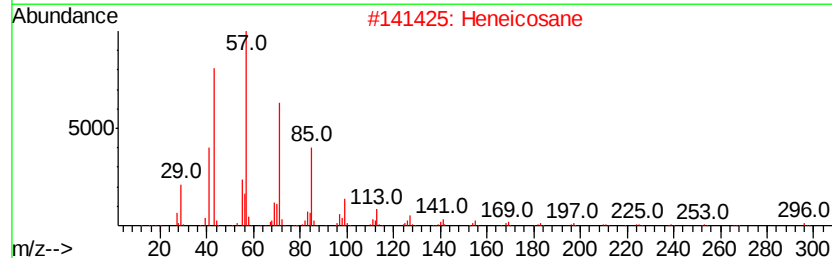
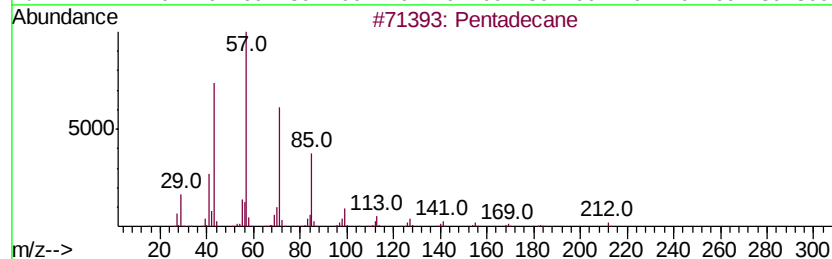
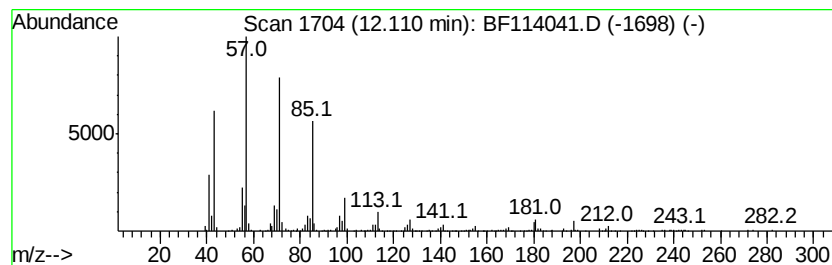
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pentadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	10.64 ng	507853	Phenanthrene-d10	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	91
2		Heneicosane	296	C21H44	000629-94-7	87
3		Eicosane	282	C20H42	000112-95-8	86
4		Tridecane	184	C13H28	000629-50-5	83
5		Heptadecane	240	C17H36	000629-78-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114041.D
Acq On : 30 Apr 2019 14:51
Operator : JU/SJ
Sample : K2194-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-A

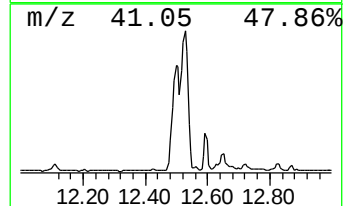
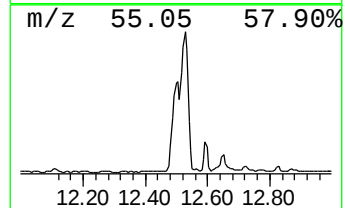
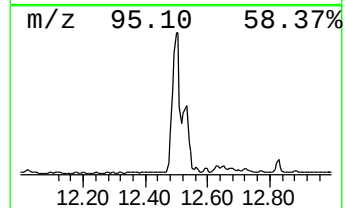
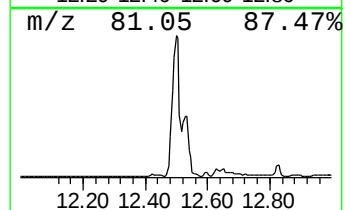
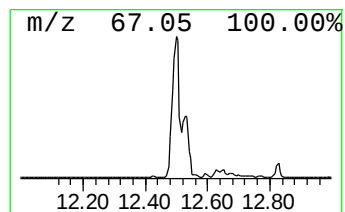
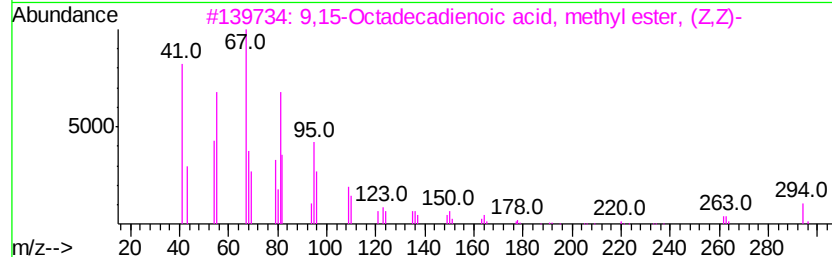
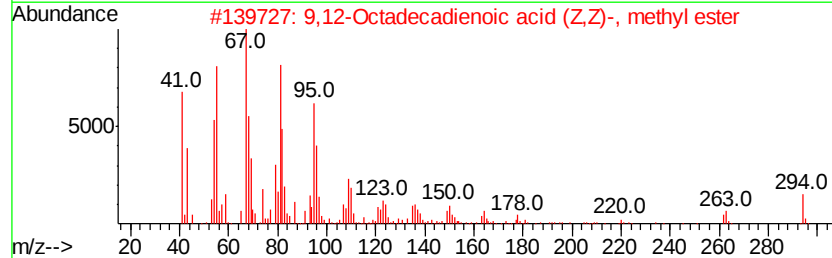
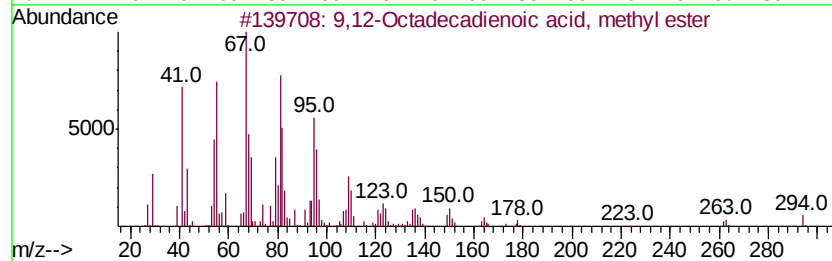
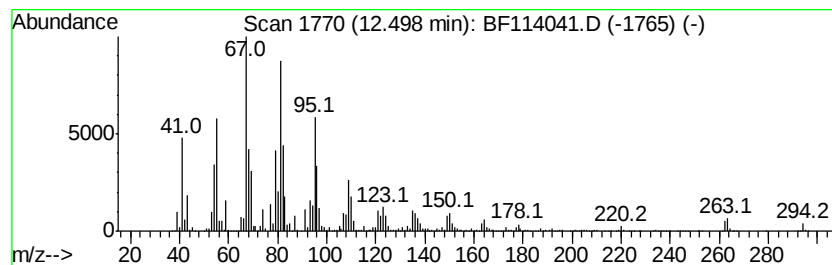
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	257.21 ng	12277400	Phenanthrene-d10	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
5		Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
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Acq On : 30 Apr 2019 14:51
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Sample : K2194-01 2X
Misc :
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Instrument :
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ClientSampleId :
JC-03-042919-A

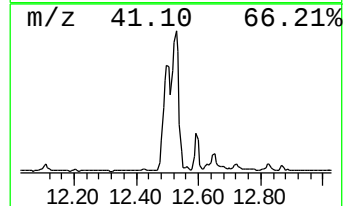
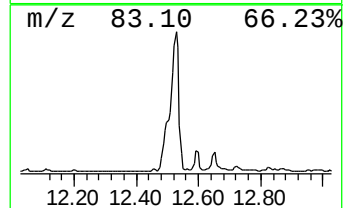
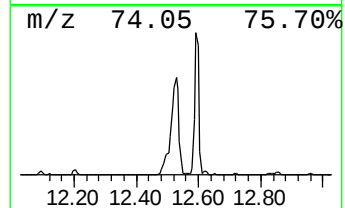
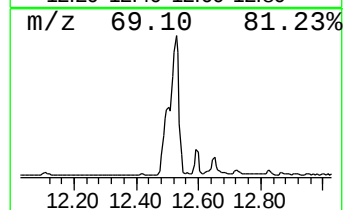
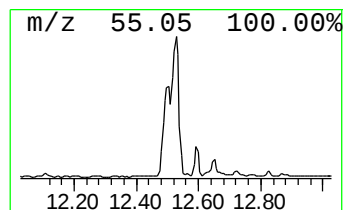
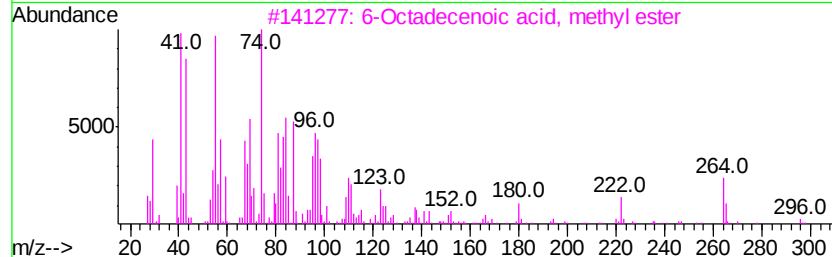
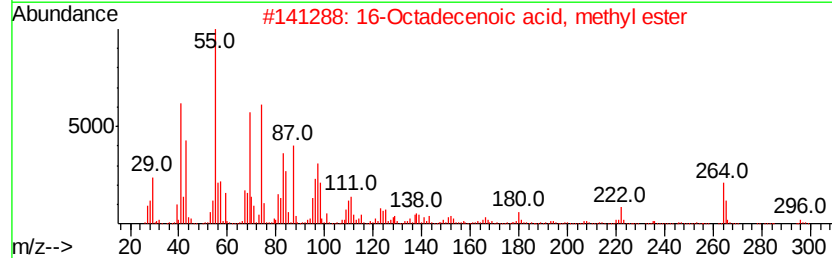
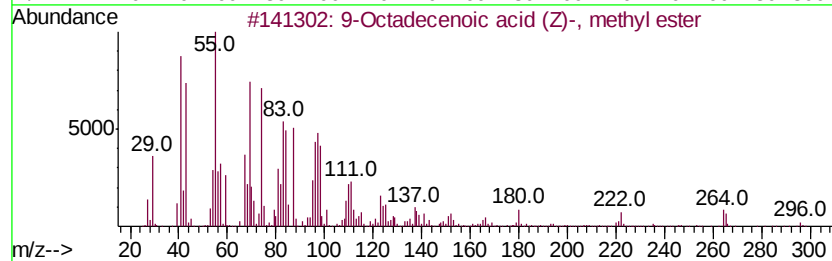
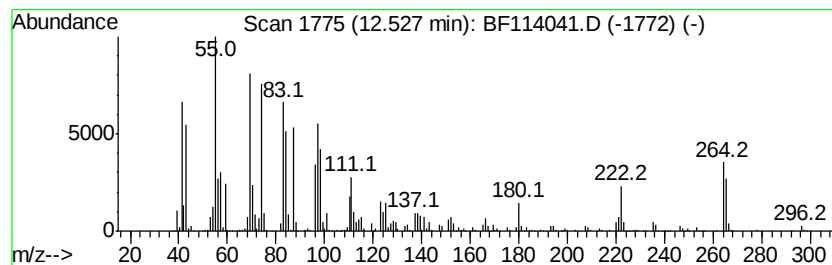
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	286.86 ng	13692700	Phenanthrene-d10	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	98
2		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	97
3		6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	95
4		6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	95
5		9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114041.D
Acq On : 30 Apr 2019 14:51
Operator : JU/SJ
Sample : K2194-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JC-03-042919-A

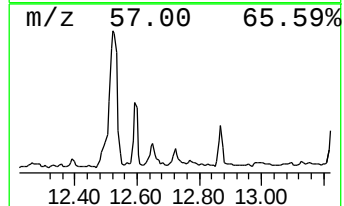
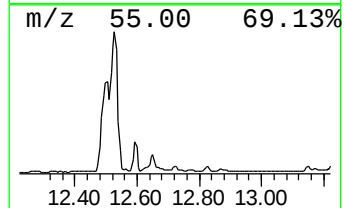
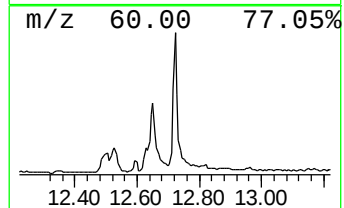
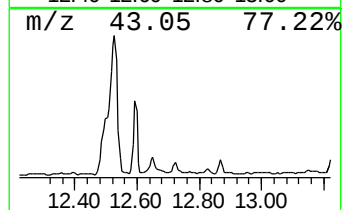
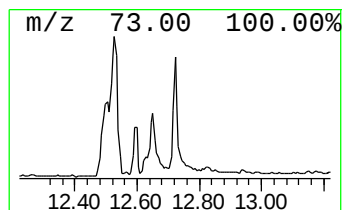
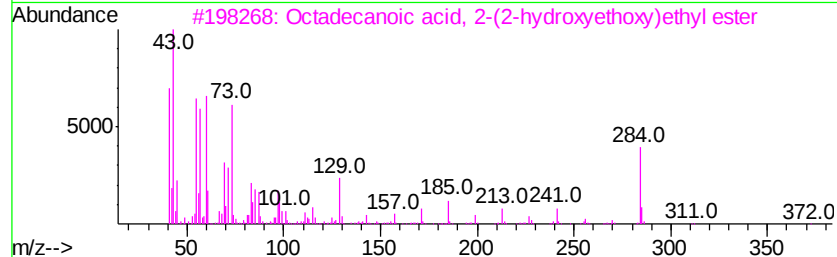
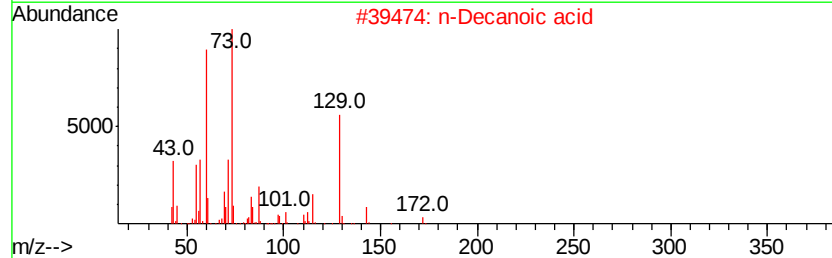
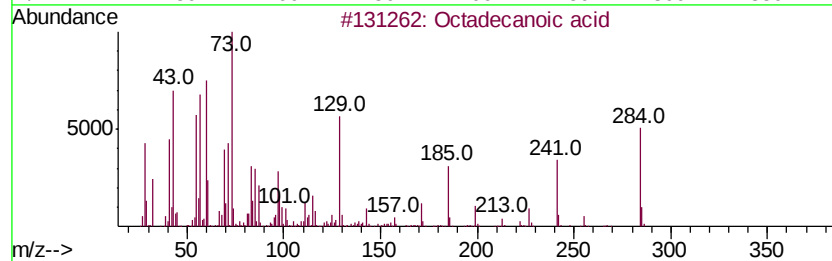
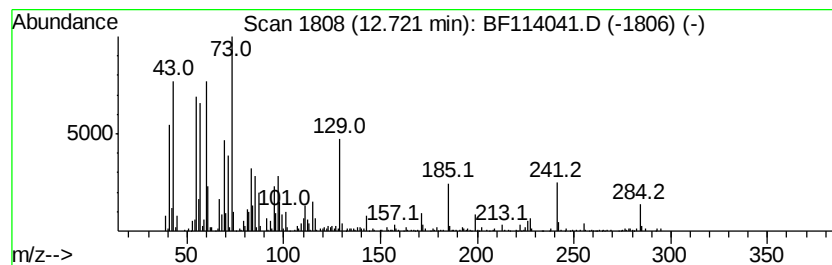
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Octadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	10.03 ng	478969	Phenanthrene-d10	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		n-Decanoic acid	172	C10H20O2	000334-48-5	95
3		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	72
4		Tridecanoic acid	214	C13H26O2	000638-53-9	62
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114041.D
Acq On : 30 Apr 2019 14:51
Operator : JU/SJ
Sample : K2194-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

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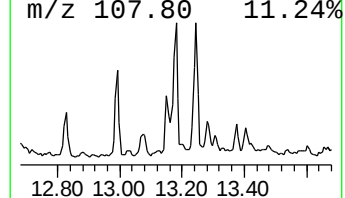
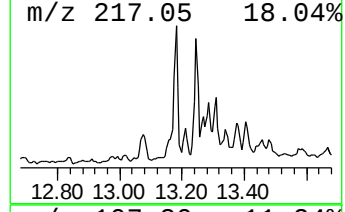
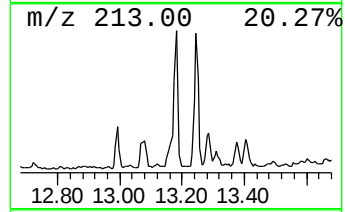
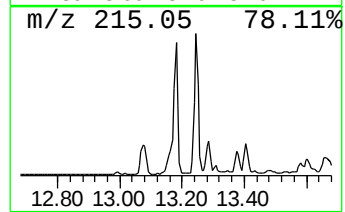
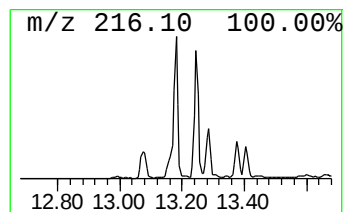
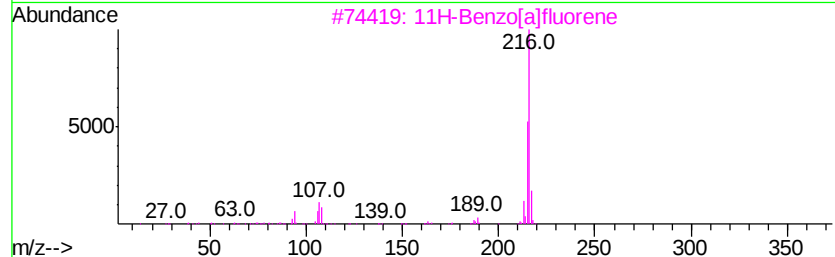
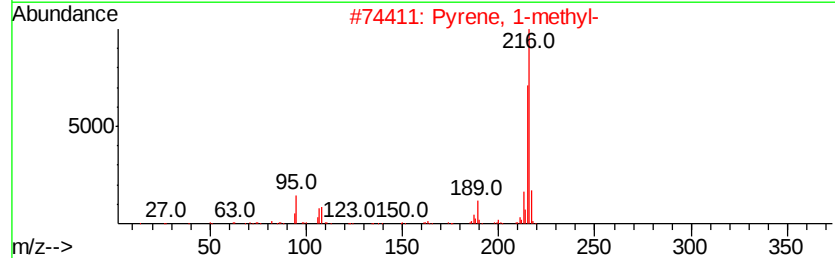
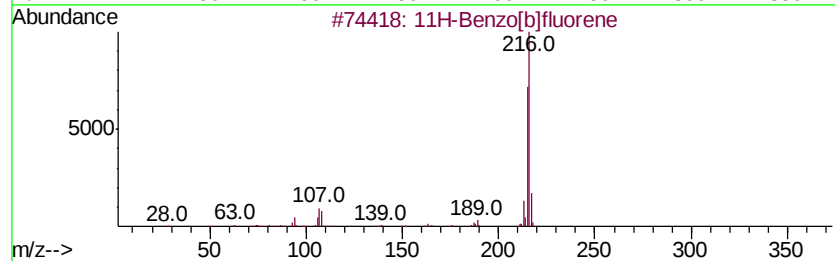
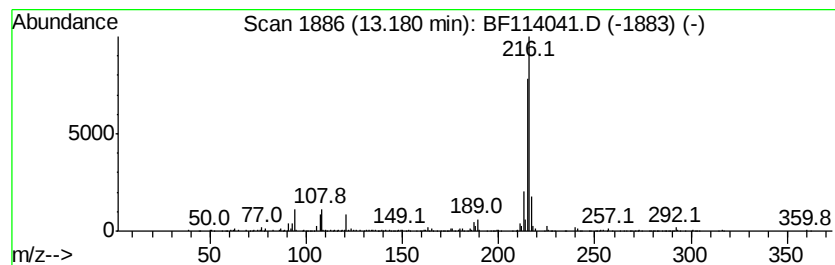
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	6.29 ng	606455	Chrysene-d12	14.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114041.D
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Operator : JU/SJ
Sample : K2194-01 2X
Misc :
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ClientSampleId :
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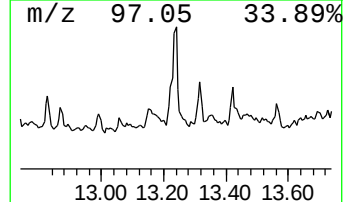
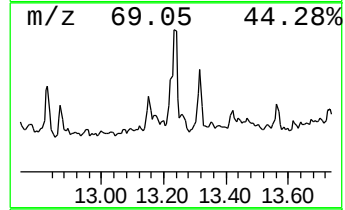
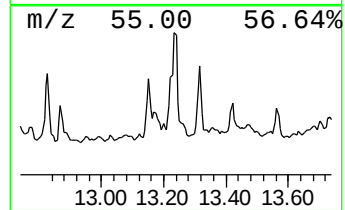
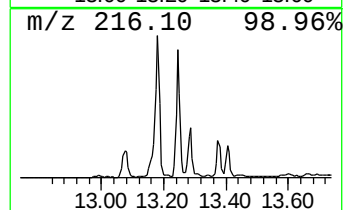
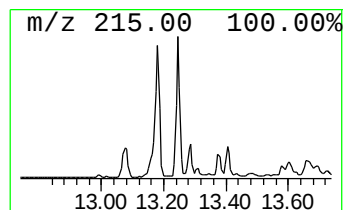
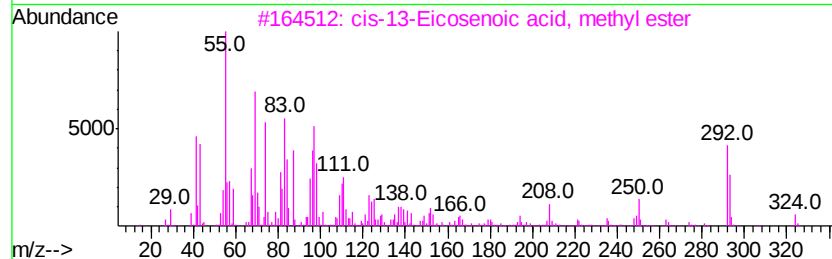
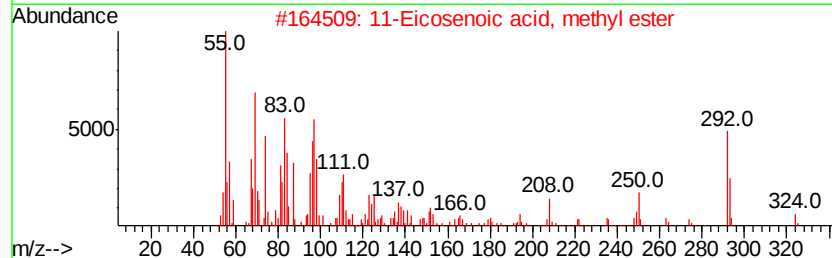
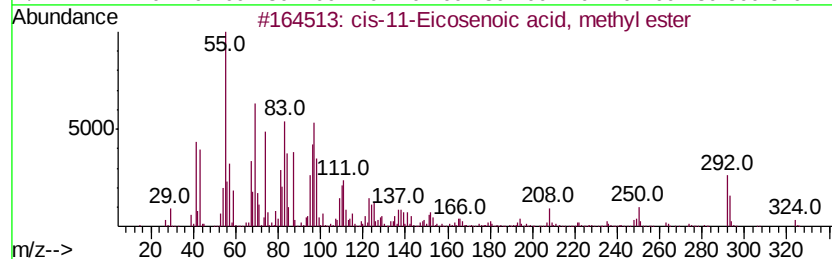
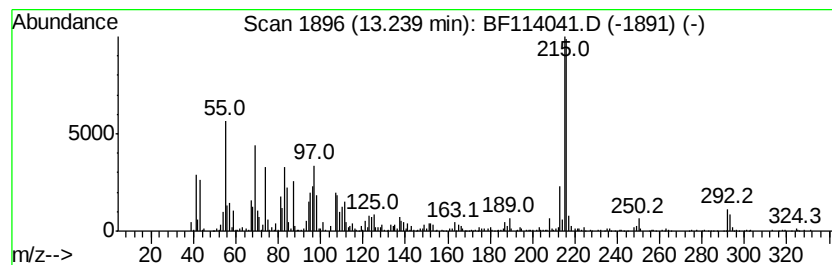
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 cis-11-Eicosenoic acid, met... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.24	10.79 ng	1040390	Chrysene-d12	14.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis-11-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-63-8	91
2		11-Eicosenoic acid, methyl ester	324	C21H40O2	003946-08-5	91
3		cis-13-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-52-1	76
4		7H-Benzo[clfluorene	216	C17H12	000205-12-9	64
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114041.D
Acq On : 30 Apr 2019 14:51
Operator : JU/SJ
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ALS Vial : 6 Sample Multiplier: 1

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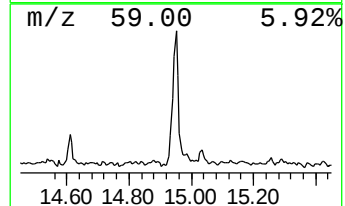
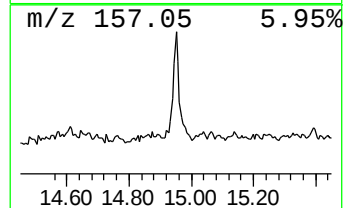
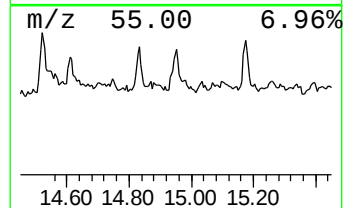
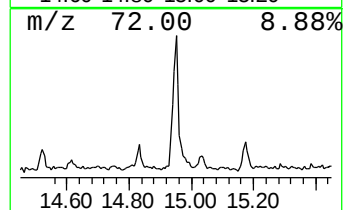
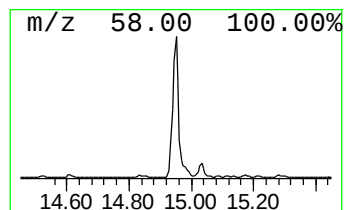
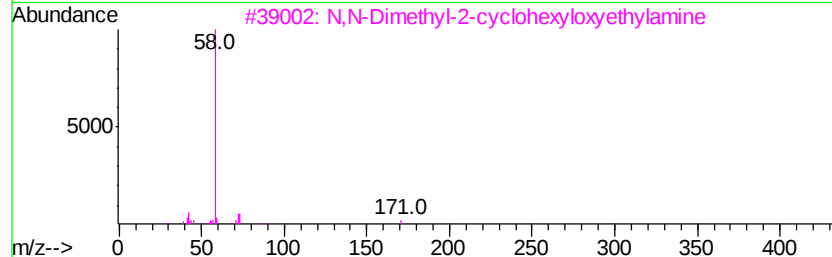
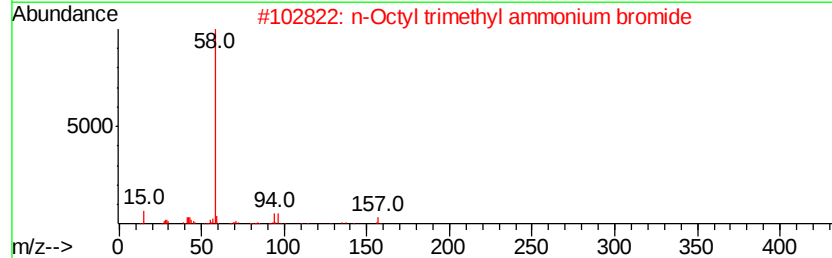
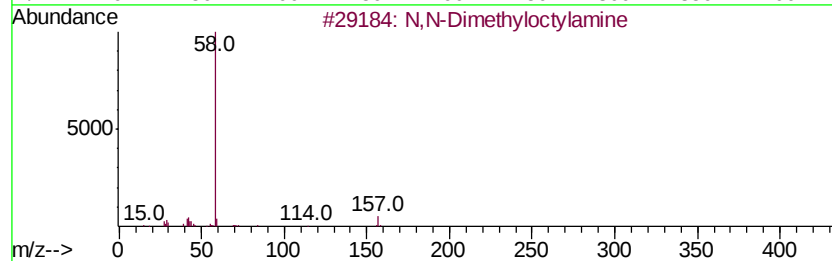
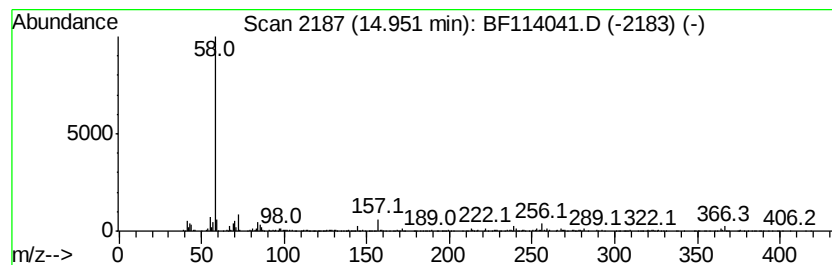
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 N,N-Dimethyloctylamine Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	15.25 ng	492113	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	72
2		n-Octyl trimethyl ammonium bromide	251	C11H26BrN	002083-68-3	64
3		N,N-Dimethyl-2-cyclohexyloxvethv...	171	C10H21NO	071126-60-8	59
4		Benzethonium Chloride	447	C27H42ClN02	000121-54-0	59
5		1-Nonanamine, N,N-dimethyl-	171	C11H25N	017373-27-2	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114041.D
Acq On : 30 Apr 2019 14:51
Operator : JU/SJ
Sample : K2194-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-A

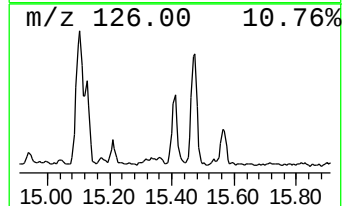
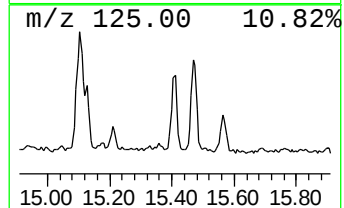
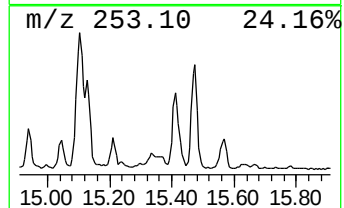
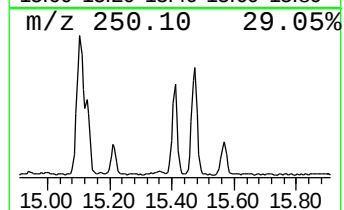
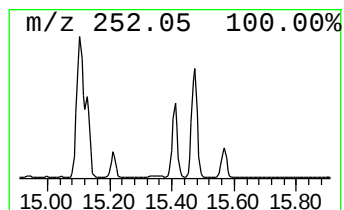
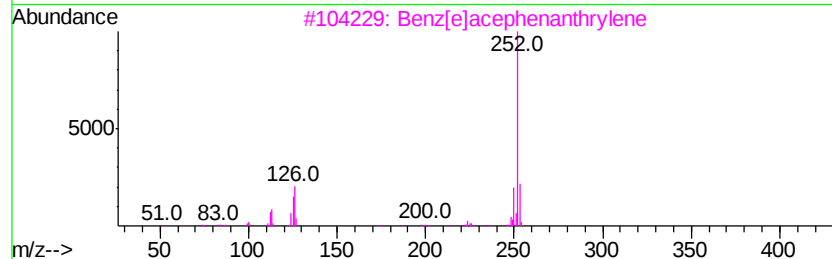
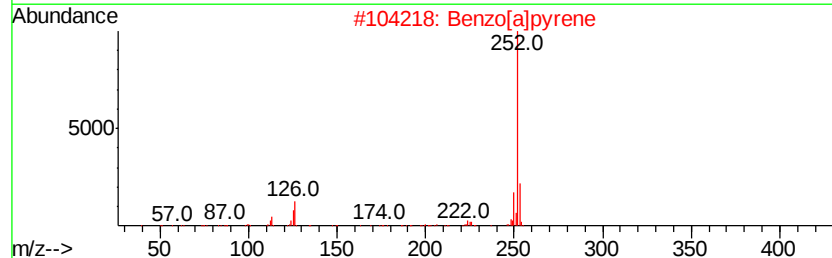
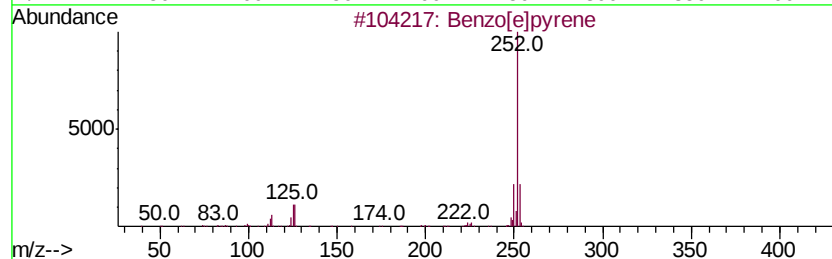
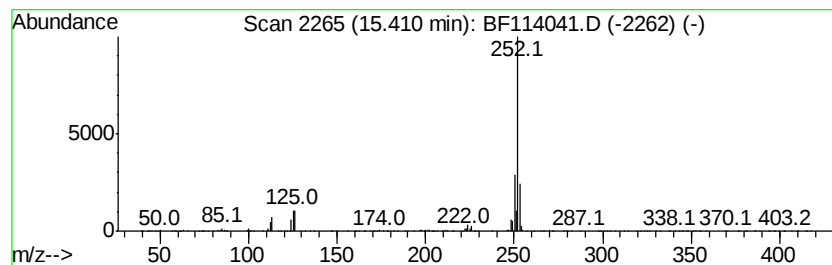
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.41	13.91 ng	448906	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[a]pyrene	252	C20H12	000050-32-8	96
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	95
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF043019\
 Data File : BF114041.D
 Acq On : 30 Apr 2019 14:51
 Operator : JU/SJ
 Sample : K2194-01 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-042919-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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
unknown6.66	6.66	38.9	ng	1263720	1	6.89	650226	20.0
Tetradecane	9.33	6.9	ng	334409	3	9.92	973197	20.0
Decane, 2,3,5-tri...	9.86	10.1	ng	489833	3	9.92	973197	20.0
Hexadecane	10.36	11.9	ng	581662	3	9.92	973197	20.0
Tridecane	10.57	7.1	ng	343694	3	9.92	973197	20.0
Tetracosane	10.83	15.1	ng	719700	4	11.41	954676	20.0
Dodecane, 1-iodo-	11.27	10.3	ng	493133	4	11.41	954676	20.0
unknown11.30	11.30	6.5	ng	312229	4	11.41	954676	20.0
Heptadecane	11.70	9.8	ng	469503	4	11.41	954676	20.0
Hexadecanoic acid...	11.80	110.3	ng	5264440	4	11.41	954676	20.0
n-Hexadecanoic acid	11.94	11.9	ng	568969	4	11.41	954676	20.0
Pentadecane	12.11	10.6	ng	507853	4	11.41	954676	20.0
9,12-Octadecadien...	12.50	257.2	ng	12277400	4	11.41	954676	20.0
9-Octadecenoic ac...	12.53	286.9	ng	13692700	4	11.41	954676	20.0
Octadecanoic acid	12.72	10.0	ng	478969	4	11.41	954676	20.0
11H-Benzo[b]fluorene	13.18	6.3	ng	606455	5	14.05	1929230	20.0
cis-11-Eicosenoic...	13.24	10.8	ng	1040390	5	14.05	1929230	20.0
N,N-Dimethyloctyl...	14.95	15.3	ng	492113	6	15.54	645339	20.0
Benzo[e]pyrene	15.41	13.9	ng	448906	6	15.54	645339	20.0