

Data Path : U:\HPCHEM1\BNA F\DATA\BF010518\
 Data File : BF101919.D
 Acq On : 5 Jan 2018 10:32
 Operator : SJ/JU
 Sample : J1033-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-3(5)

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.993	490	494	518	rBV	228023	460310	14.39%	1.031%
2	5.398	560	563	595	rBV	1715916	3141567	98.23%	7.034%
3	5.604	595	598	604	rVB2	19155	32319	1.01%	0.072%
4	6.428	734	738	755	rBV	1790220	3198039	100.00%	7.160%
5	6.545	755	758	764	rVV	2382676	2845625	88.98%	6.371%
6	6.769	793	796	806	rBV	860619	866620	27.10%	1.940%
7	6.922	819	822	838	rBV	2145714	2252577	70.44%	5.043%
8	7.345	890	894	914	rBV	1634158	2101350	65.71%	4.705%
9	8.051	1011	1014	1034	rVB	1021116	1266858	39.61%	2.836%
10	8.457	1079	1083	1092	rBV4	20290	36377	1.14%	0.081%
11	8.622	1106	1111	1116	rBV	48385	51868	1.62%	0.116%
12	8.775	1134	1137	1141	rBV	43599	45599	1.43%	0.102%
13	8.875	1151	1154	1157	rBV	37866	41297	1.29%	0.092%
14	9.122	1192	1196	1204	rBV	2856112	2790724	87.26%	6.248%
15	9.186	1204	1207	1211	rVV	114036	110262	3.45%	0.247%
16	9.233	1212	1215	1219	rVB2	29267	33490	1.05%	0.075%
17	9.404	1237	1244	1247	rBV3	32628	54484	1.70%	0.122%
18	9.469	1252	1255	1258	rVV3	35775	42719	1.34%	0.096%
19	9.504	1258	1261	1262	rVV2	59629	62295	1.95%	0.139%
20	9.528	1262	1265	1270	rVB	271392	260501	8.15%	0.583%
21	9.675	1287	1290	1294	rBV	67590	69059	2.16%	0.155%
22	9.716	1294	1297	1301	rVB	220707	169938	5.31%	0.380%
23	9.804	1309	1312	1316	rBV2	1027748	986662	30.85%	2.209%
24	9.839	1316	1318	1325	rVB	179722	183166	5.73%	0.410%
25	10.022	1343	1349	1356	rBV2	98809	200741	6.28%	0.449%
26	10.216	1379	1382	1385	rBV	251630	182618	5.71%	0.409%
27	10.363	1402	1407	1413	rVB	122891	134630	4.21%	0.301%
28	10.433	1413	1419	1425	rBV3	78715	148435	4.64%	0.332%
29	10.516	1431	1433	1437	rVB2	66780	64850	2.03%	0.145%
30	10.610	1444	1449	1459	rBV	970213	1243601	38.89%	2.784%
31	10.686	1459	1462	1466	rBV	182900	187298	5.86%	0.419%
32	10.910	1496	1500	1503	rVB4	41887	49356	1.54%	0.111%
33	11.033	1516	1521	1523	rBV5	41738	52106	1.63%	0.117%
34	11.057	1523	1525	1530	rVB5	30786	34063	1.07%	0.076%

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35	11.133	1535	1538	1541	rBV2	143482	153946	4.81%	0.345%
36	11.204	1547	1550	1554	rVB	76895	78373	2.45%	0.175%
37	11.298	1563	1566	1568	rBV	921401	815109	25.49%	1.825%
38	11.322	1568	1570	1577	rVV	1184229	1230635	38.48%	2.755%
39	11.380	1577	1580	1589	rVB	260591	304398	9.52%	0.682%
40	11.557	1605	1610	1613	rVV3	160931	217120	6.79%	0.486%
41	11.586	1613	1615	1618	rVB2	55715	48444	1.51%	0.108%
42	11.669	1626	1629	1632	rVB	466096	374049	11.70%	0.837%
43	11.722	1635	1638	1644	rBV5	25969	41034	1.28%	0.092%
44	11.810	1649	1653	1655	rBV2	421548	456120	14.26%	1.021%
45	11.833	1655	1657	1663	rVV	247490	266716	8.34%	0.597%
46	11.886	1663	1666	1668	rVV	65912	62823	1.96%	0.141%
47	11.916	1668	1671	1673	rVV2	232111	260871	8.16%	0.584%
48	11.939	1673	1675	1678	rVV	261954	223452	6.99%	0.500%
49	11.969	1678	1680	1683	rVB	94848	76315	2.39%	0.171%
50	12.004	1683	1686	1688	rBV2	29162	34656	1.08%	0.078%
51	12.098	1699	1702	1705	rBV	124239	115495	3.61%	0.259%
52	12.163	1710	1713	1717	rVB2	92057	103177	3.23%	0.231%
53	12.245	1725	1727	1730	rBV	72591	63132	1.97%	0.141%
54	12.280	1730	1733	1735	rVB	55512	43722	1.37%	0.098%
55	12.310	1735	1738	1742	rVB3	38506	41651	1.30%	0.093%
56	12.351	1742	1745	1747	rBV2	919554	858370	26.84%	1.922%
57	12.374	1747	1749	1751	rVB	801935	621597	19.44%	1.392%
58	12.457	1757	1763	1768	rVB4	214766	278987	8.72%	0.625%
59	12.522	1768	1774	1779	rBV	1596755	1574414	49.23%	3.525%
60	12.592	1782	1786	1789	rBV3	509552	602963	18.85%	1.350%
61	12.680	1798	1801	1806	rVB5	89639	129612	4.05%	0.290%
62	12.733	1806	1810	1811	rBV2	297376	316968	9.91%	0.710%
63	12.751	1811	1813	1819	rVV	1515413	1367586	42.76%	3.062%
64	12.804	1819	1822	1826	rVB	85867	86773	2.71%	0.194%
65	12.880	1831	1835	1838	rVV	1960504	1771656	55.40%	3.967%
66	12.933	1842	1844	1846	rBV	48393	45907	1.44%	0.103%
67	12.974	1847	1851	1856	rVB2	126119	202630	6.34%	0.454%
68	13.016	1856	1858	1861	rBV3	47663	60119	1.88%	0.135%
69	13.086	1867	1870	1874	rVB	200956	212416	6.64%	0.476%
70	13.151	1878	1881	1883	rVB	65676	60580	1.89%	0.136%
71	13.192	1883	1888	1894	rBV2	180274	306404	9.58%	0.686%

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72	13.280	1900	1903	1906	rBV	167324	173653	5.43%	0.389%
73	13.310	1906	1908	1911	rVV	91728	99003	3.10%	0.222%
74	13.427	1925	1928	1930	rBV2	99562	96407	3.01%	0.216%
75	13.616	1957	1960	1965	rVB	136973	127732	3.99%	0.286%
76	13.721	1973	1978	1981	rBV2	192939	244473	7.64%	0.547%
77	13.757	1981	1984	1987	rBV2	262648	299653	9.37%	0.671%
78	13.827	1993	1996	1999	rVB	115746	101857	3.18%	0.228%
79	13.892	2004	2007	2011	rVB	338905	304437	9.52%	0.682%
80	13.951	2013	2017	2020	rVV2	1048036	1605197	50.19%	3.594%
81	13.980	2020	2022	2029	rVB	763874	835328	26.12%	1.870%
82	14.068	2034	2037	2040	rVB2	165396	183240	5.73%	0.410%
83	14.345	2082	2084	2087	rBV	136521	116884	3.65%	0.262%
84	14.380	2087	2090	2094	rVB2	145680	158562	4.96%	0.355%
85	14.416	2094	2096	2099	rBV2	92826	99974	3.13%	0.224%
86	14.674	2137	2140	2142	rBV	152491	151552	4.74%	0.339%
87	15.004	2192	2196	2199	rBV	717396	1077402	33.69%	2.412%
88	15.304	2244	2247	2253	rVB	455818	508959	15.91%	1.140%
89	15.368	2254	2258	2264	rVB	649377	868917	27.17%	1.945%
90	15.427	2264	2268	2272	rBV	534602	700640	21.91%	1.569%

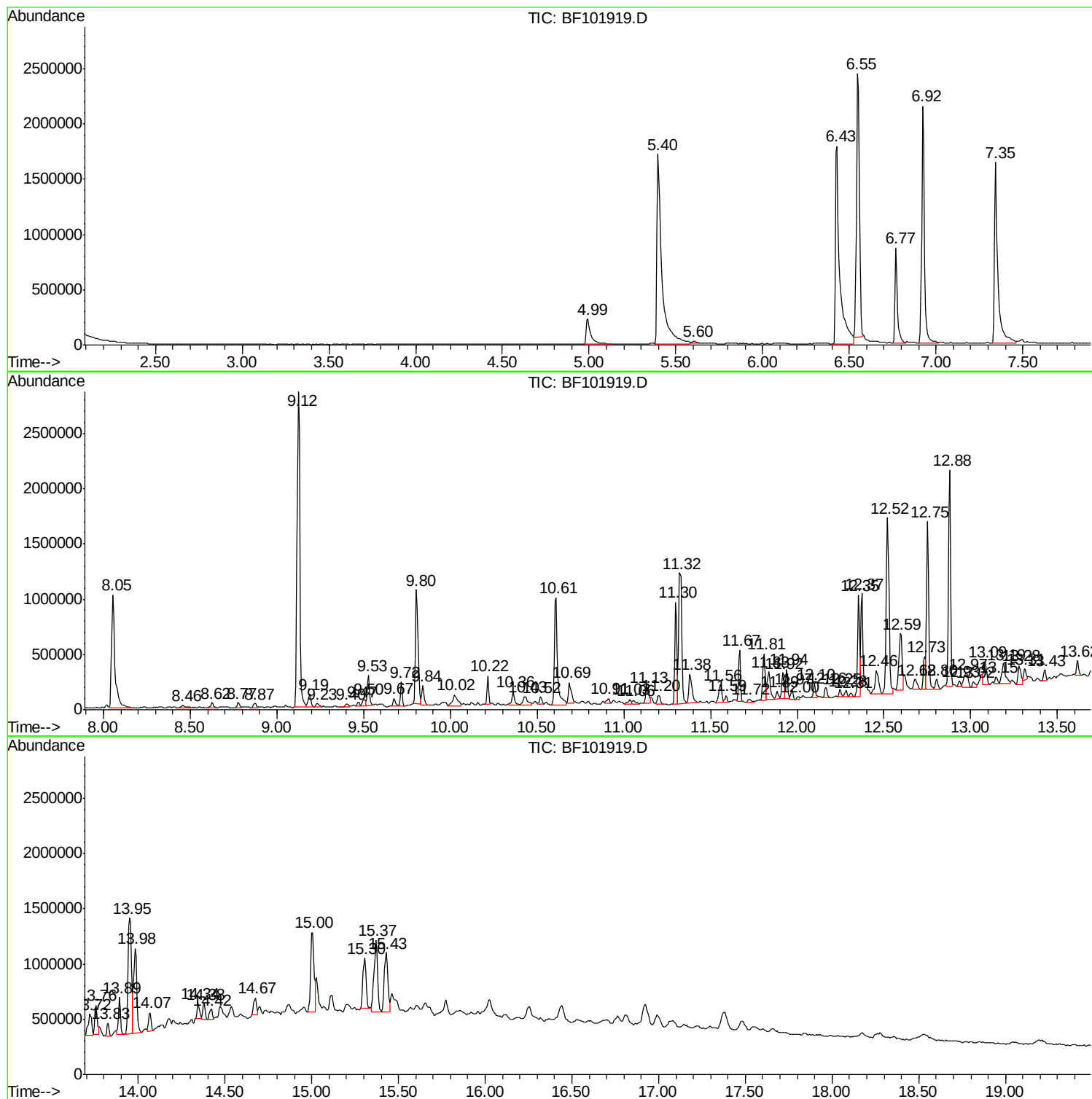
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Instrument :
BNA_F
ClientSampled :
B-3(5)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.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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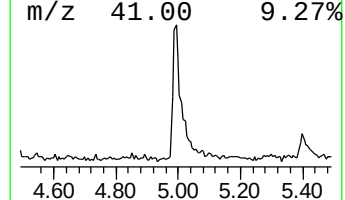
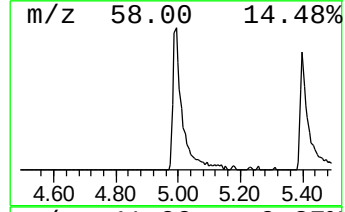
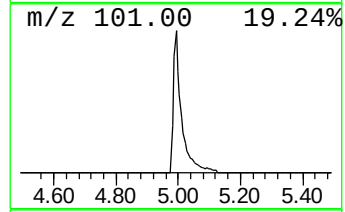
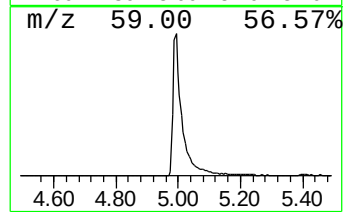
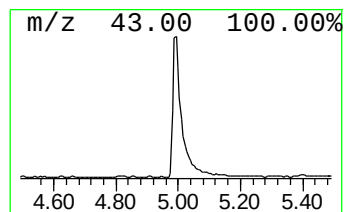
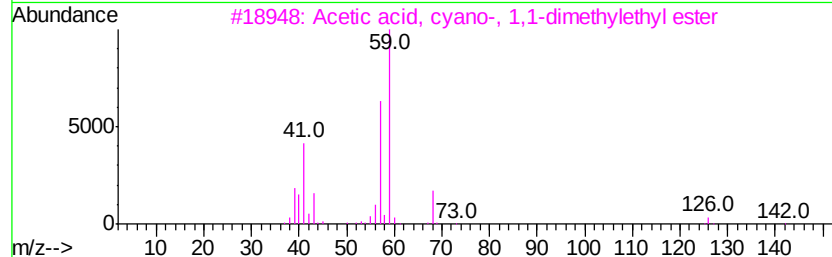
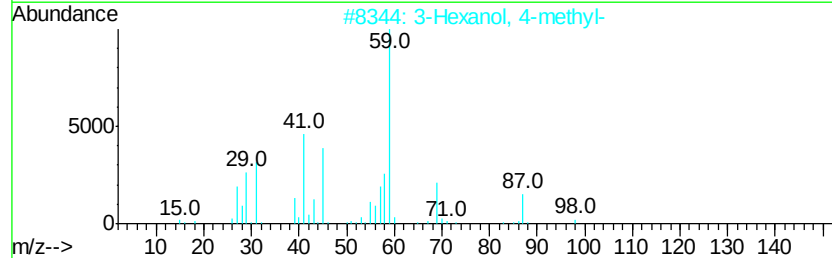
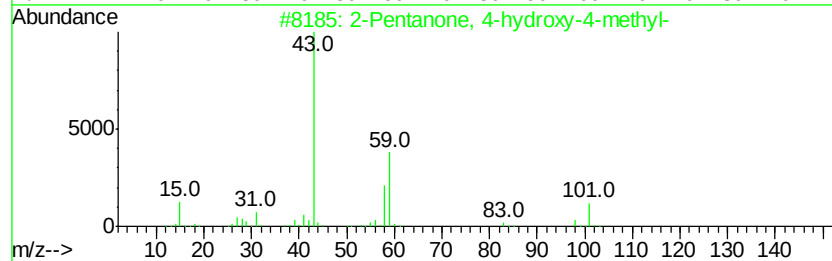
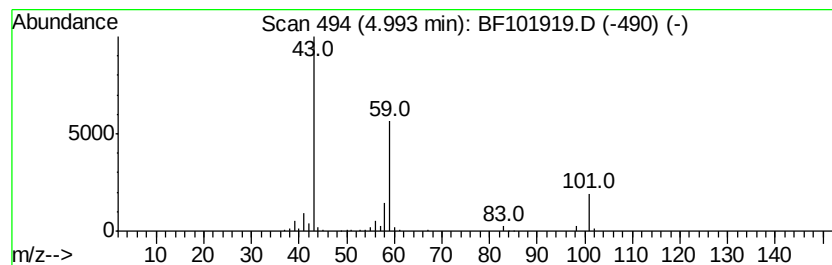
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	10.62 ng	460310	1,4-Dichlorobenzene-d4	6.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
4			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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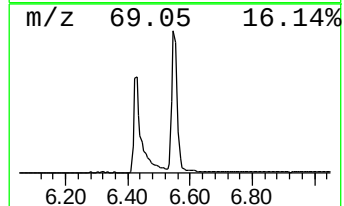
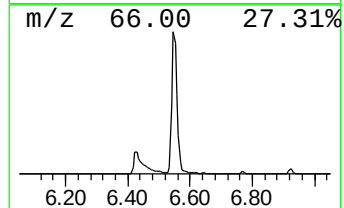
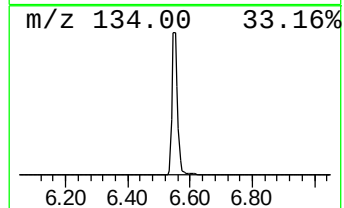
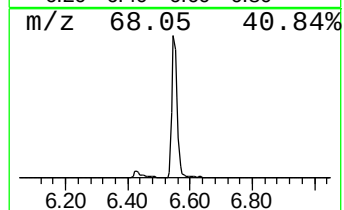
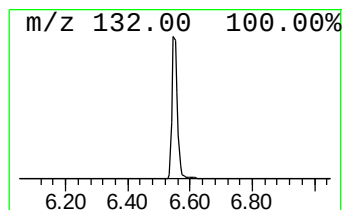
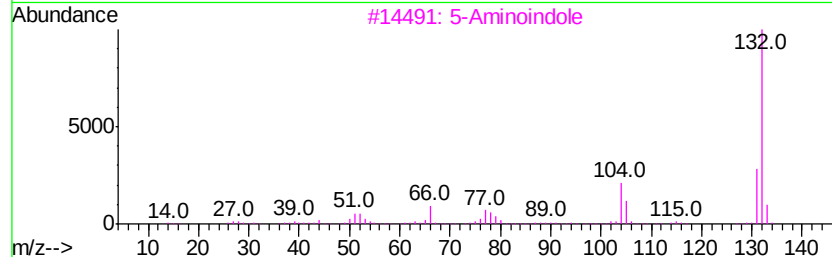
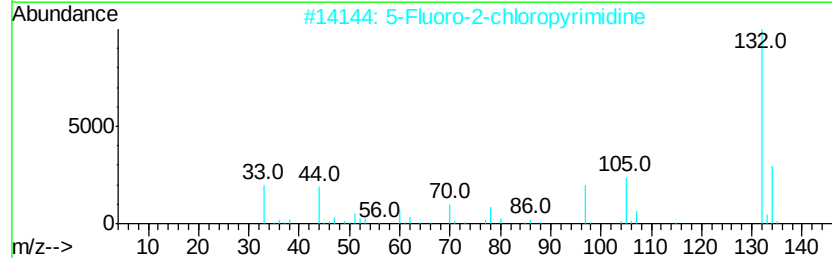
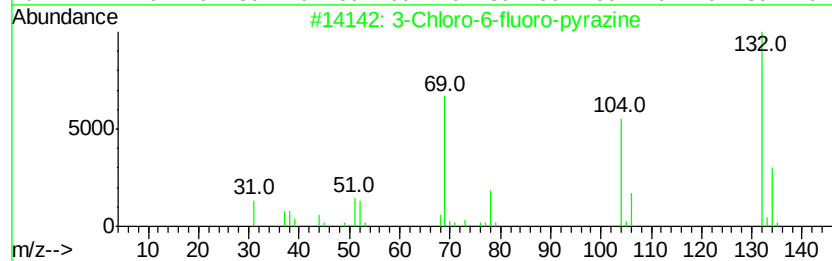
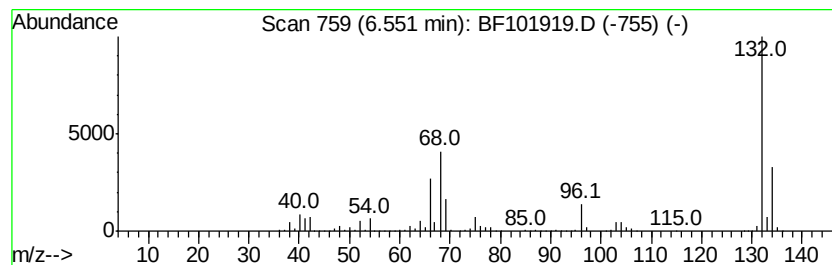
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.55 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	65.67 ng	2845630	1,4-Dichlorobenzene-d4	6.77

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	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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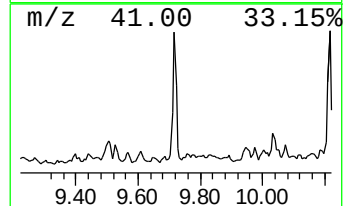
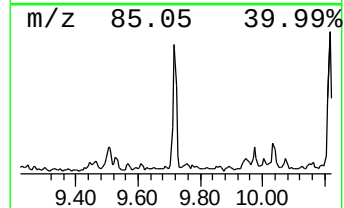
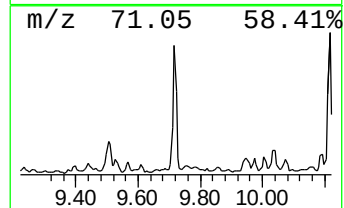
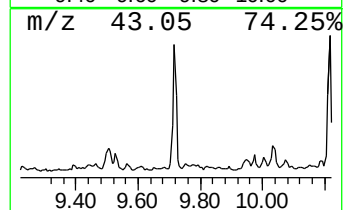
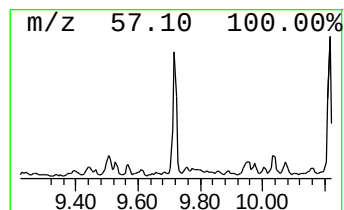
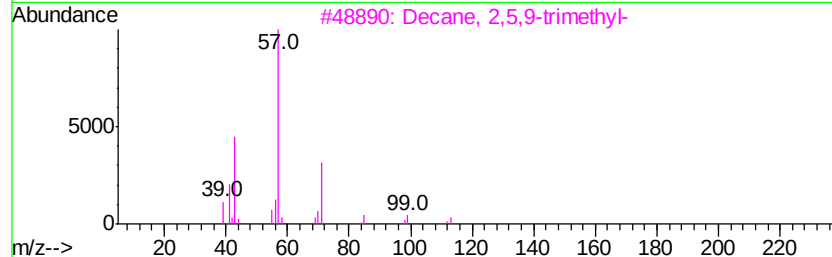
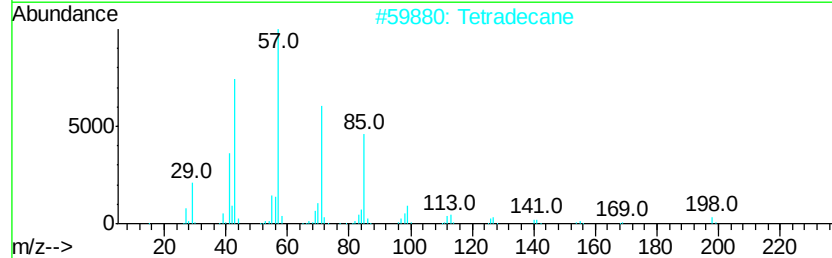
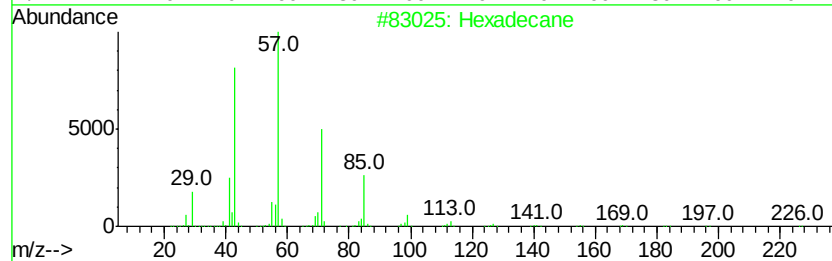
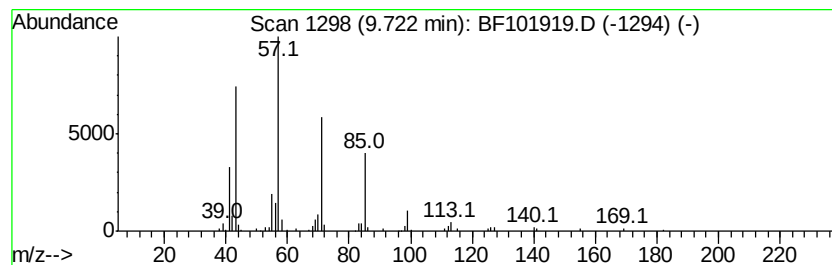
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	3.44 ng	169938	Acenaphthene-d10	9.80

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	91
2	Tetradecane		198	C14H30	000629-59-4	90
3	Decane, 2,5,9-trimethyl-		184	C13H28	062108-22-9	72
4	9-methylheptadecane		254	C18H38	026741-18-4	64
5	Undecane, 6-ethyl-		184	C13H28	017312-60-6	53



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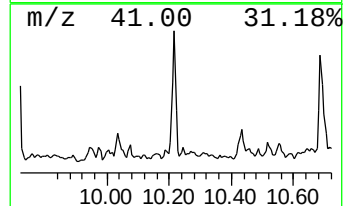
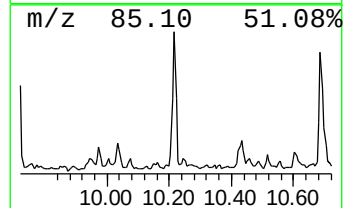
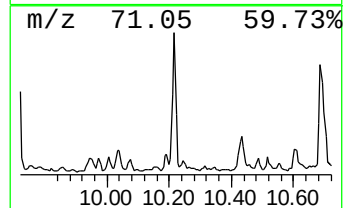
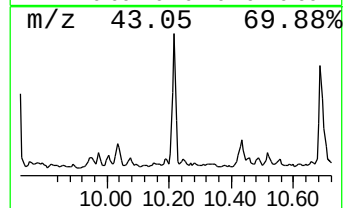
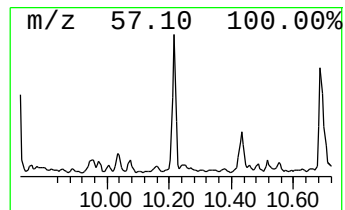
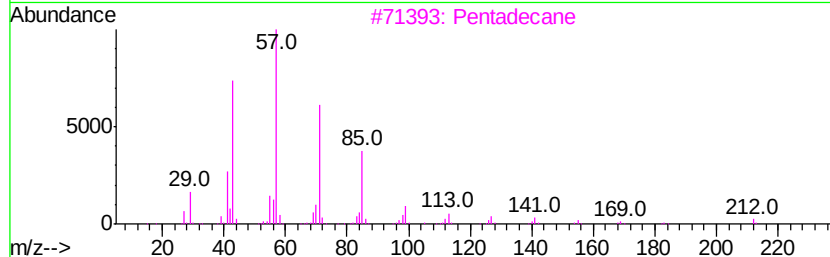
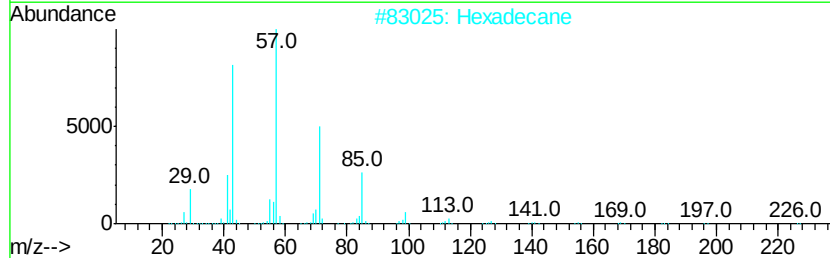
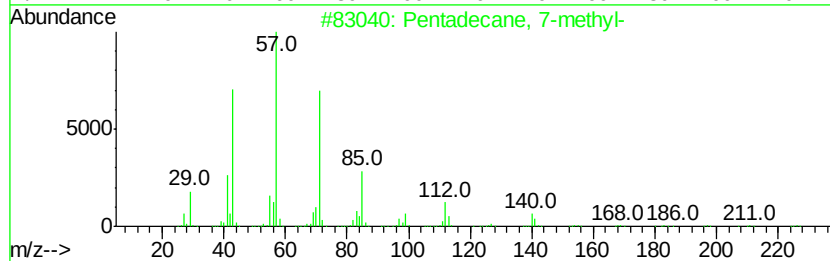
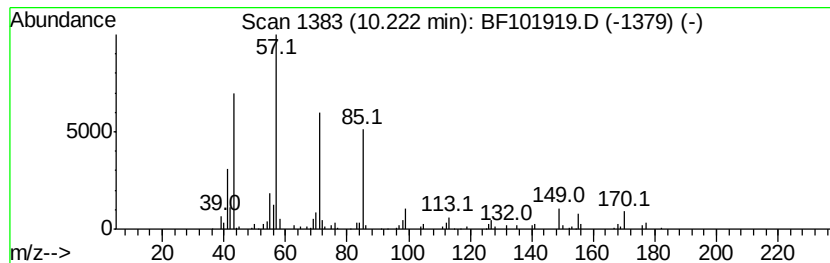
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Pentadecane, 7-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	3.70 ng	182618	Acenaphthene-d10	9.80

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87	
2	Hexadecane	226	C16H34	000544-76-3	86	
3	Pentadecane	212	C15H32	000629-62-9	86	
4	Tetradecane	198	C14H30	000629-59-4	86	
5	Tridecane	184	C13H28	000629-50-5	86	



Data Path : U:\HPCHEM1\BNA_F\DATA\BF010518\
Data File : BF101919.D
Acq On : 5 Jan 2018 10:32
Operator : SJ/JU
Sample : J1033-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

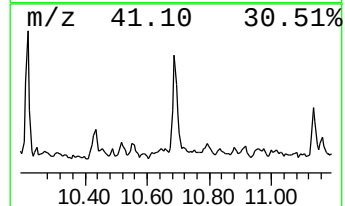
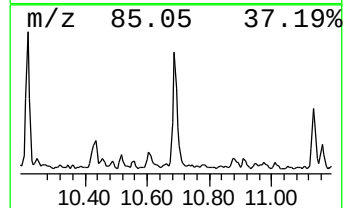
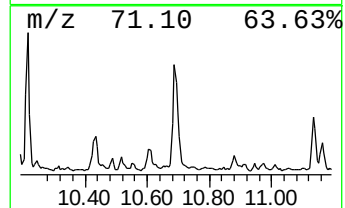
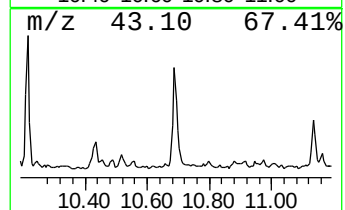
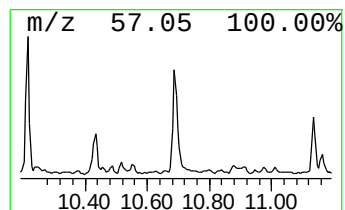
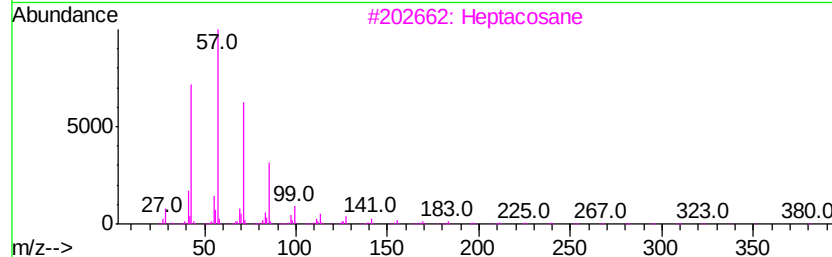
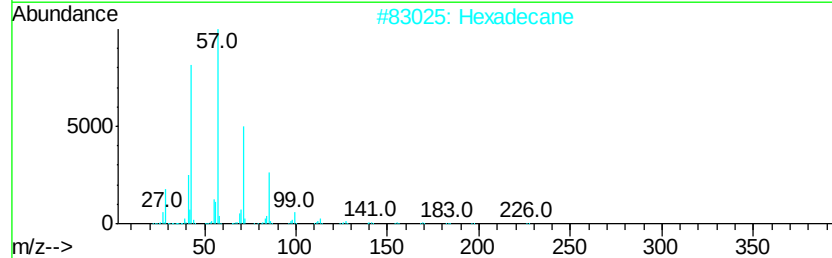
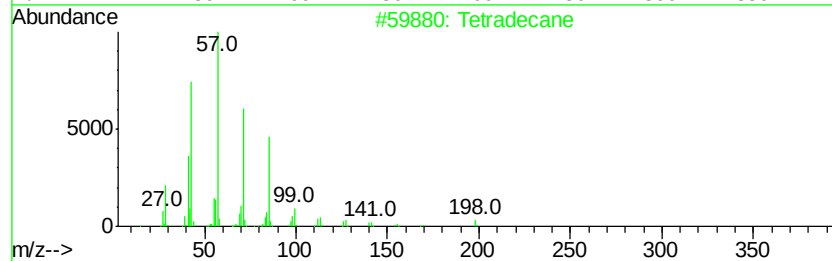
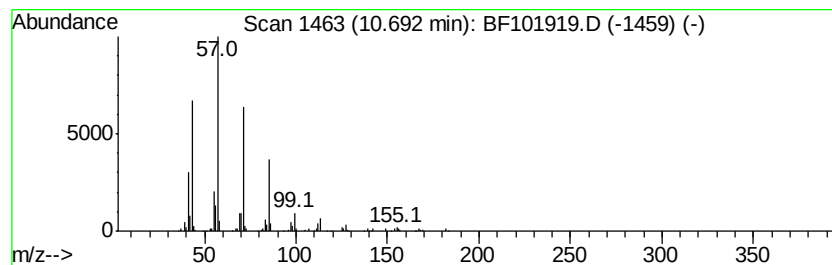
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetradecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.69	4.60 ng	187298	Phenanthrene-d10	11.30	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Hexadecane	226	C16H34	000544-76-3	64
3	Heptacosane	380	C27H56	000593-49-7	59
4	Octadecane	254	C18H38	000593-45-3	50
5	Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	50



Data Path : U:\HPCHEM1\BNA_F\DATA\BF010518\
Data File : BF101919.D
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Instrument :
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ClientSampleId :
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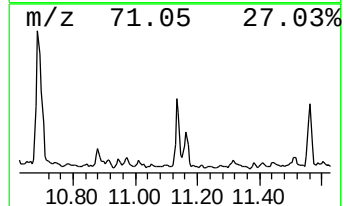
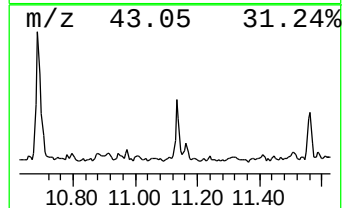
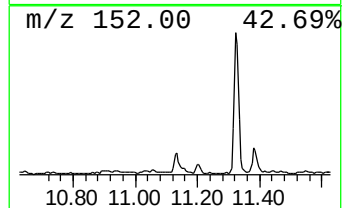
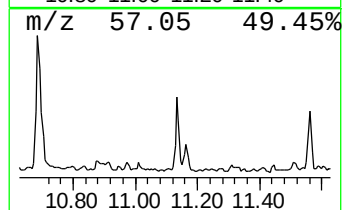
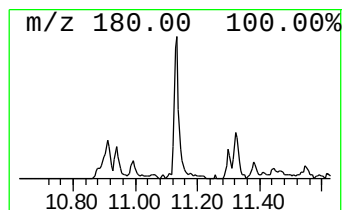
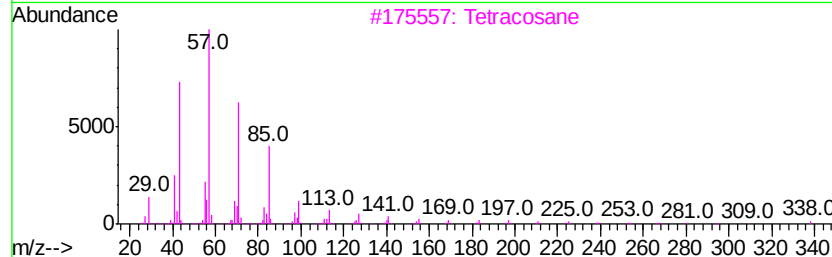
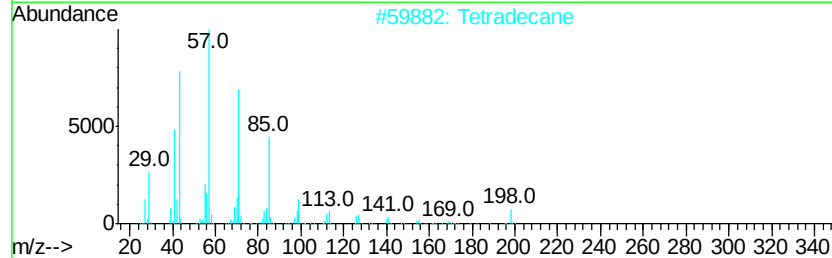
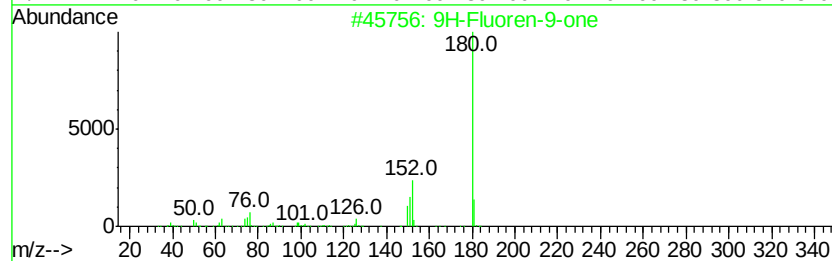
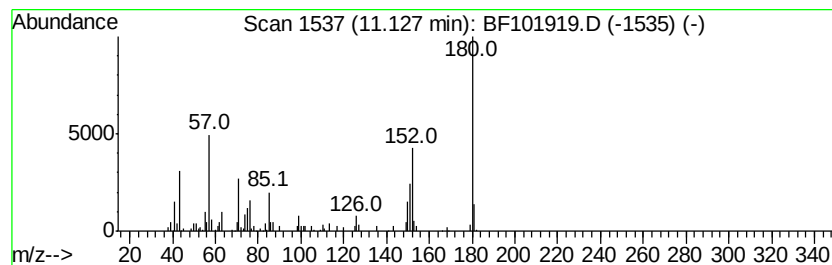
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown11.13 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	3.78 ng	153946	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	46
2		Tetradecane	198	C14H30	000629-59-4	38
3		Tetracosane	338	C24H50	000646-31-1	38
4		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	38
5		Octadecane	254	C18H38	000593-45-3	38



Data Path : U:\HPCHEM1\BNA F\DATA\BF010518\
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Acq On : 5 Jan 2018 10:32
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ClientSampleId :
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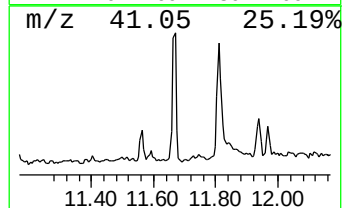
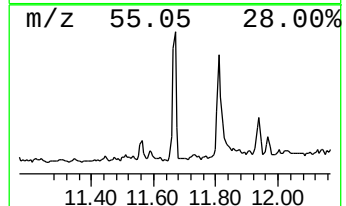
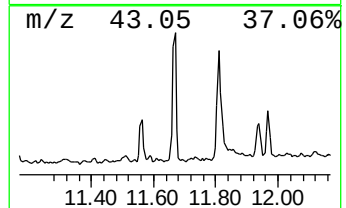
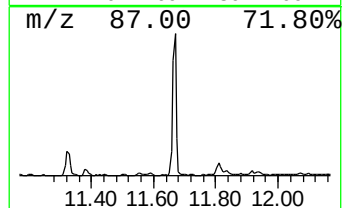
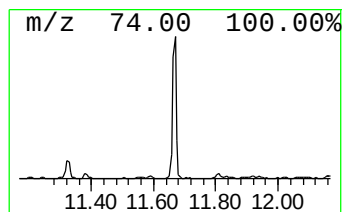
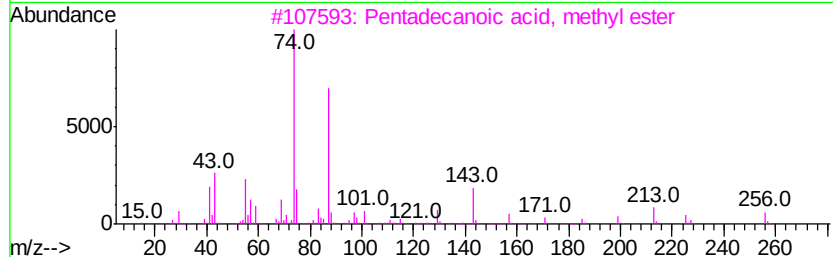
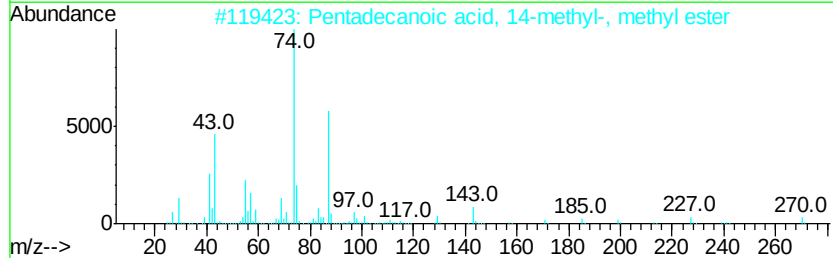
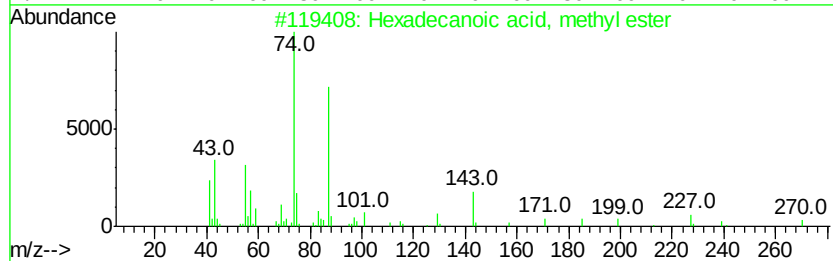
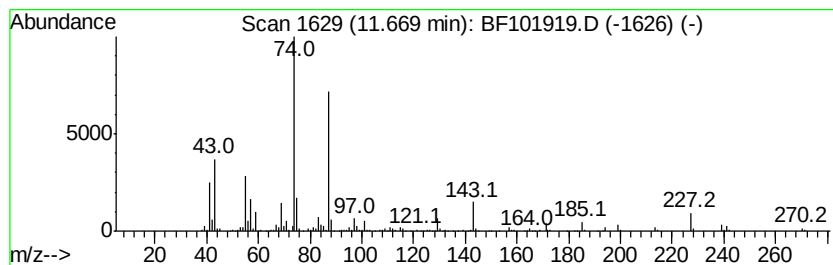
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecanoic acid, methyl e... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	9.18 ng	374049	Phenanthrene-d10	11.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
2			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	87
3			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	86
5			Methyl tetradecanoate	242	C15H30O2	000124-10-7	83



Data Path : U:\HPCHEM1\BNA F\DATA\BF010518\
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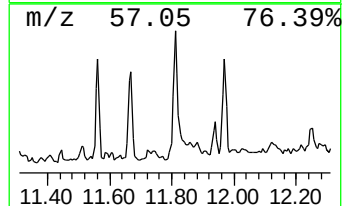
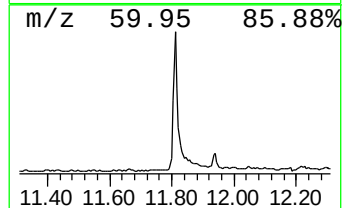
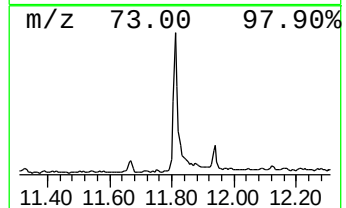
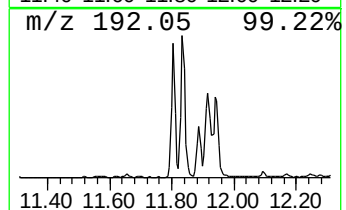
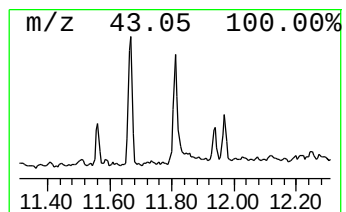
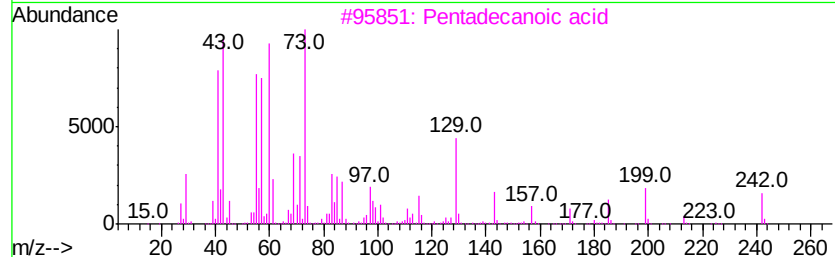
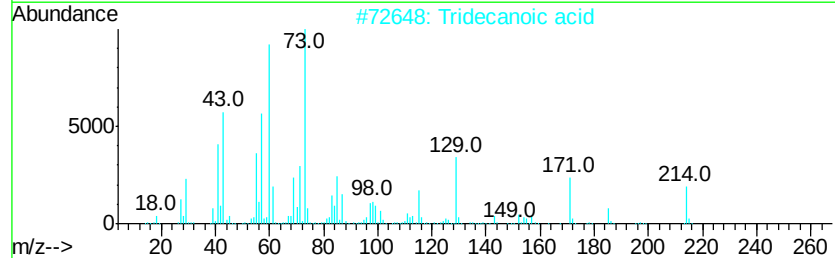
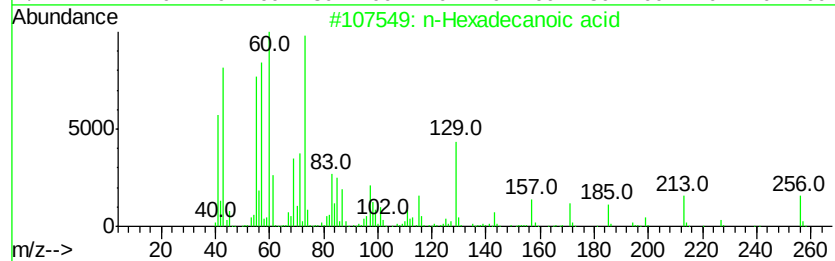
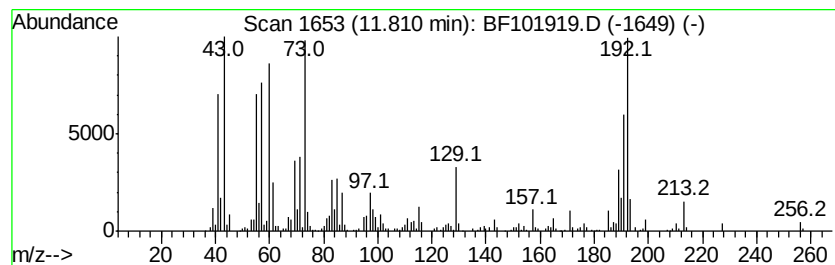
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.	
11.81	11.19 ng	456120	Phenanthrene-d10		11.30	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	97
2	Tridecanoic acid		214	C13H26O2	000638-53-9	55
3	Pentadecanoic acid		242	C15H30O2	001002-84-2	55
4	Anthracene, 9-methyl-		192	C15H12	000779-02-2	43
5	Anthracene, 1-methyl-		192	C15H12	000610-48-0	35



Data Path : U:\HPCHEM1\BNA F\DATA\BF010518\
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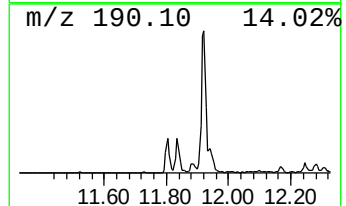
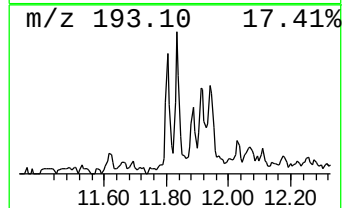
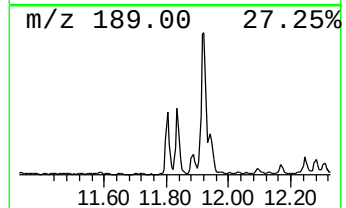
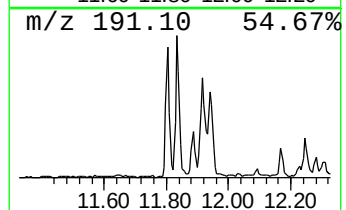
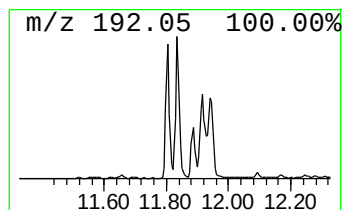
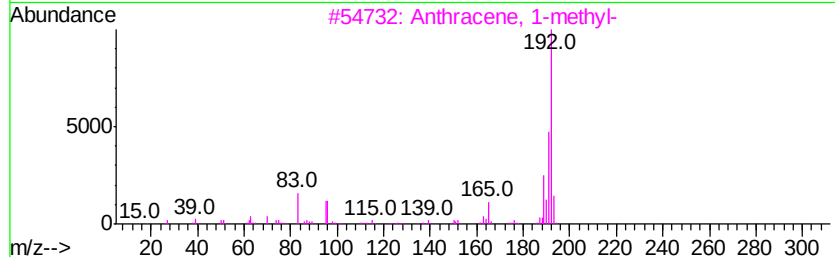
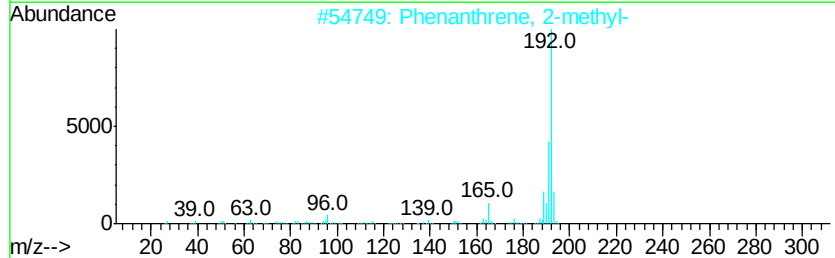
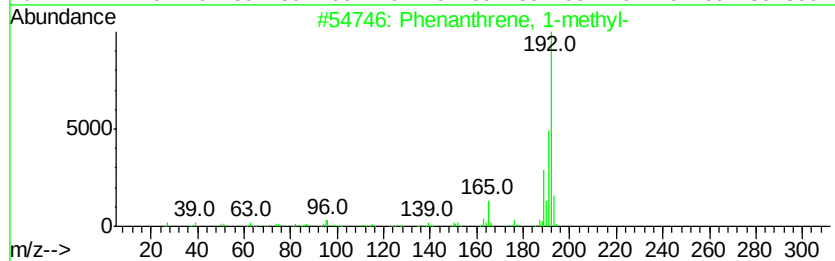
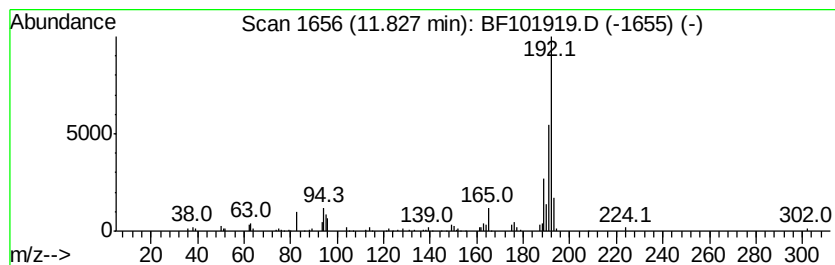
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	6.54 ng	266716	Phenanthrene-d10	11.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5			1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	90



Data Path : U:\HPCHEM1\BNA F\DATA\BF010518\
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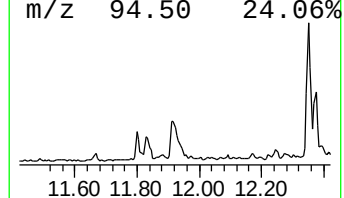
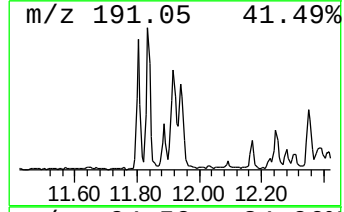
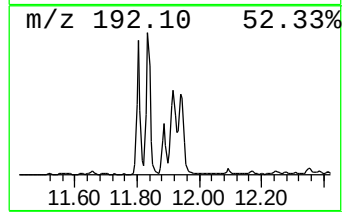
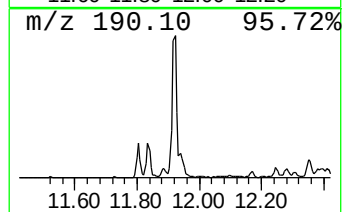
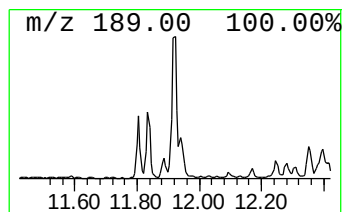
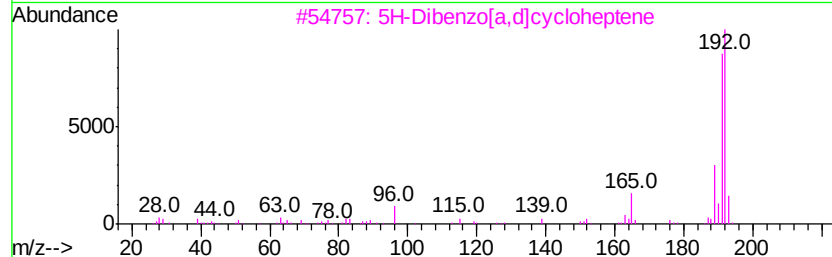
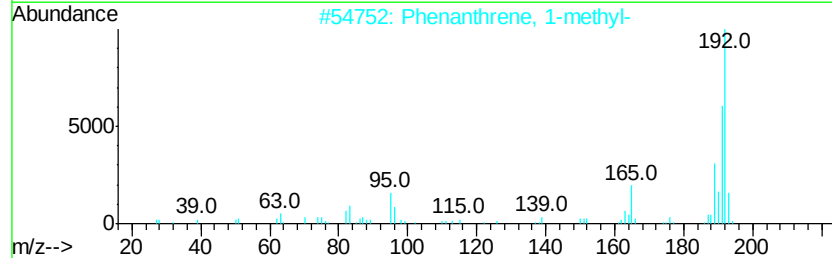
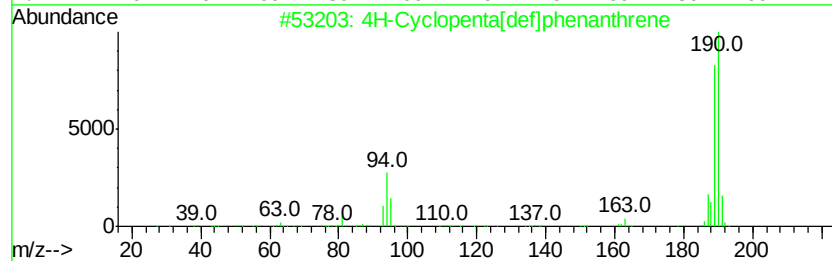
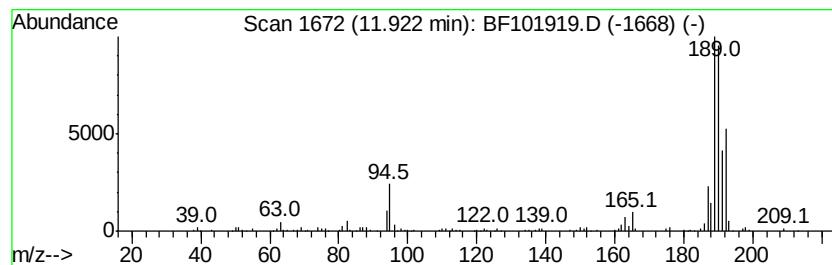
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.92	6.40 ng	260871	Phenanthrene-d10	11.30	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	38
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	30



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ALS Vial : 4 Sample Multiplier: 1

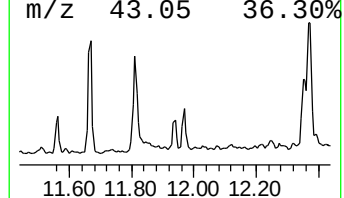
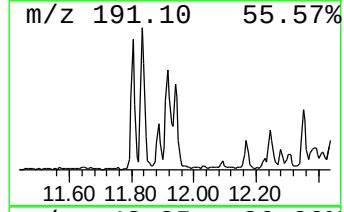
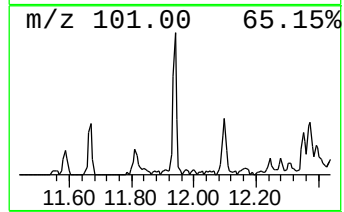
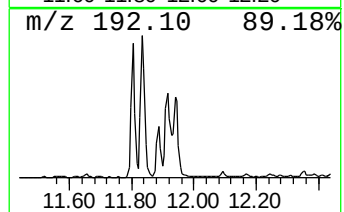
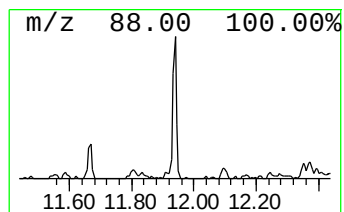
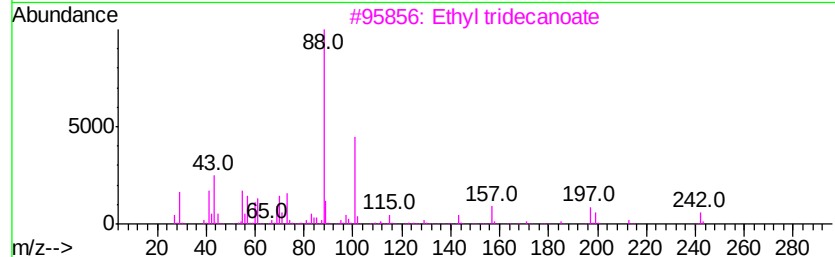
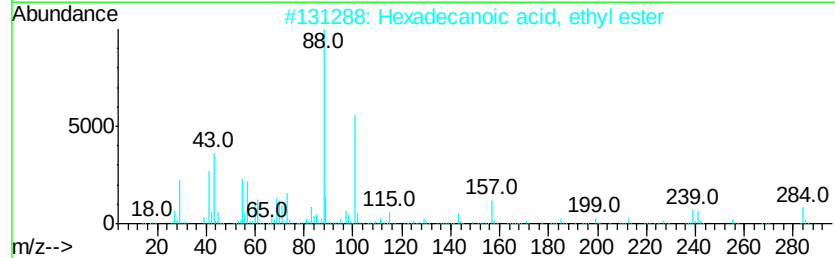
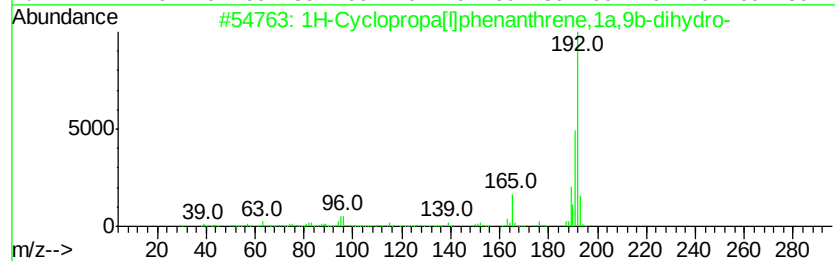
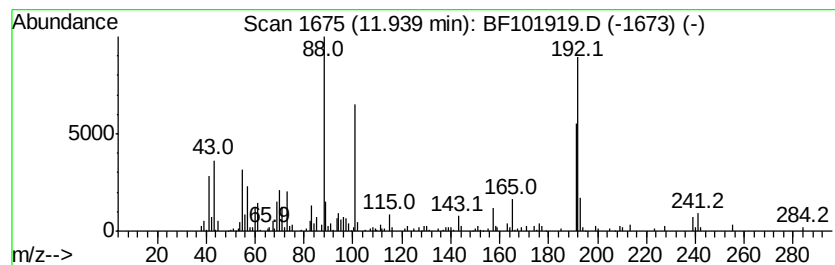
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1H-Cyclopropa[l]phenanthren... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.94	5.48 ng	223452	Phenanthrene-d10	11.30	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[ll]phenanthrene,1a,...	192	C15H12	000949-41-7	60
2	Hexadecanoic acid, ethyl ester	284	C18H36O2	000628-97-7	50
3	Ethyl tridecanoate	242	C15H30O2	028267-29-0	50
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	46
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	46



Data Path : U:\HPCHEM1\BNA F\DATA\BF010518\
Data File : BF101919.D
Acq On : 5 Jan 2018 10:32
Operator : SJ/JU
Sample : J1033-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3(5)

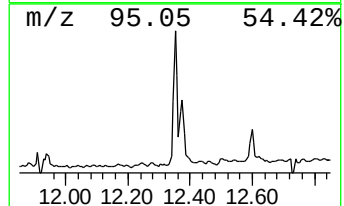
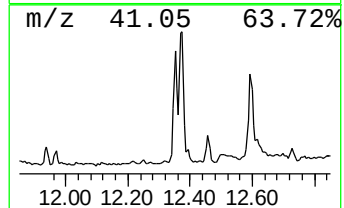
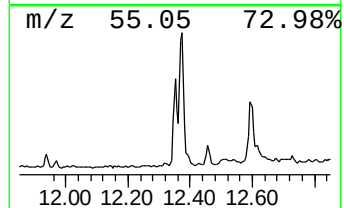
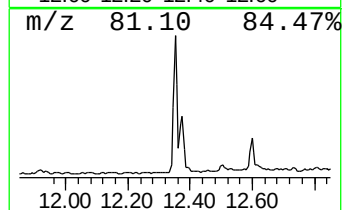
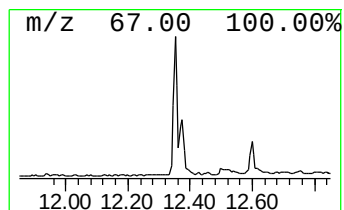
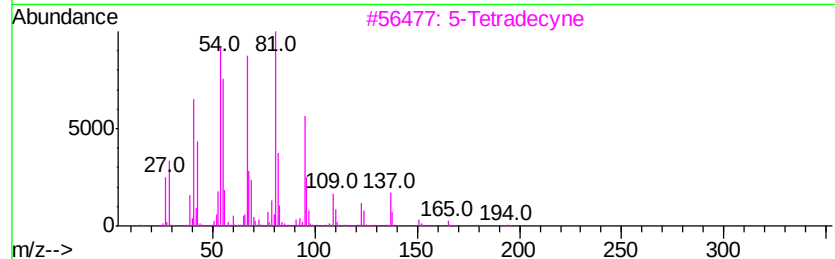
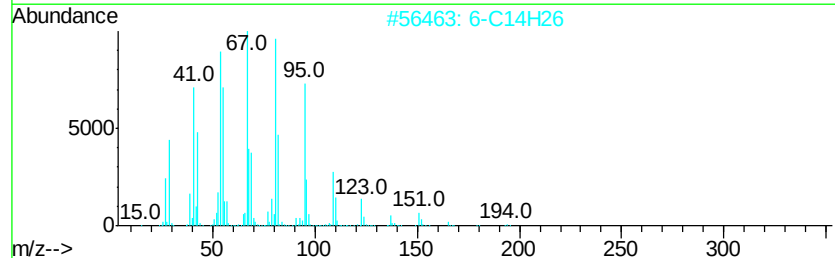
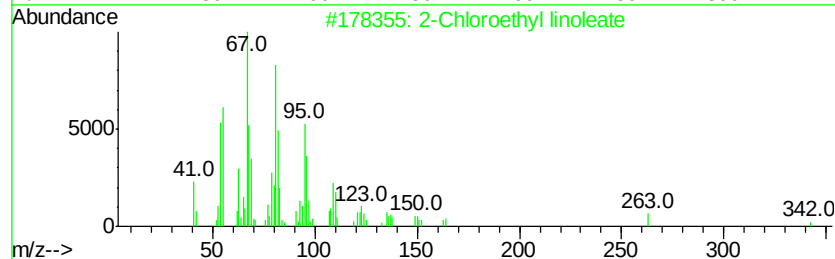
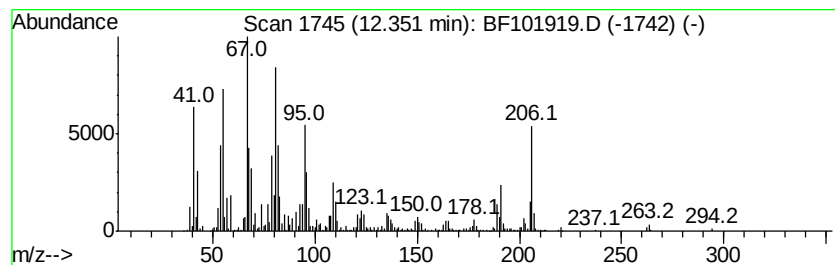
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 2-Chloroethyl linoleate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	21.06 ng	858370	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	90
2		6-C14H26	194	C14H26	003730-08-3	86
3		5-Tetradecyne	194	C14H26	060212-34-2	86
4		9,17-Octadecadienal, (Z)-	264	C18H32O	056554-35-9	83
5		3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	76



Data Path : U:\HPCHEM1\BNA F\DATA\BF010518\
Data File : BF101919.D
Acq On : 5 Jan 2018 10:32
Operator : SJ/JU
Sample : J1033-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

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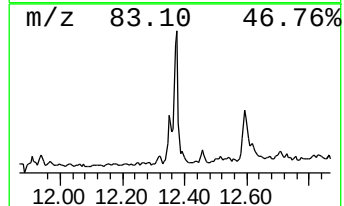
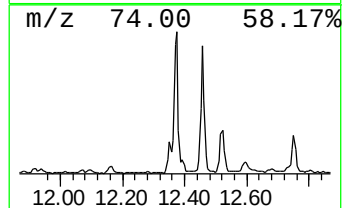
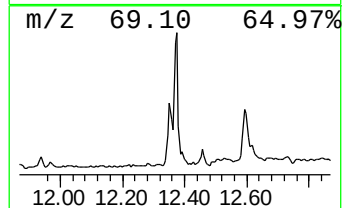
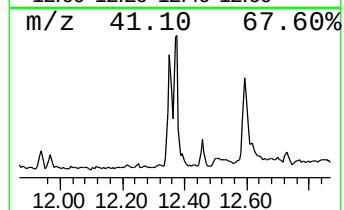
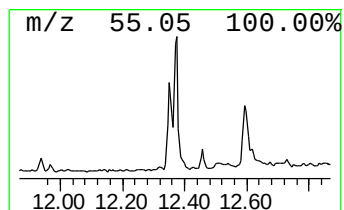
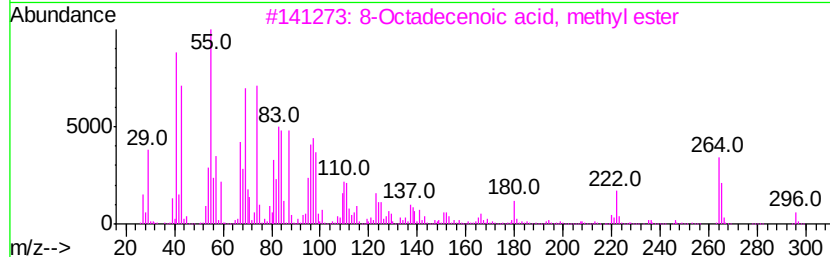
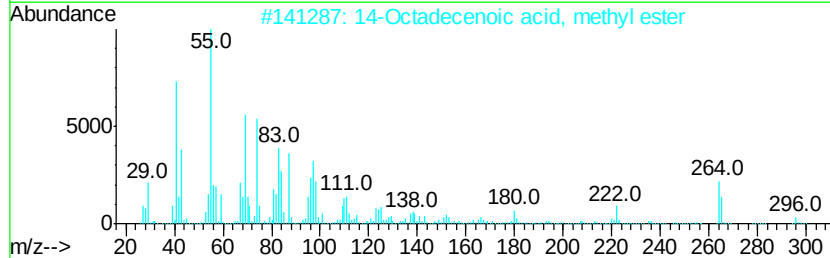
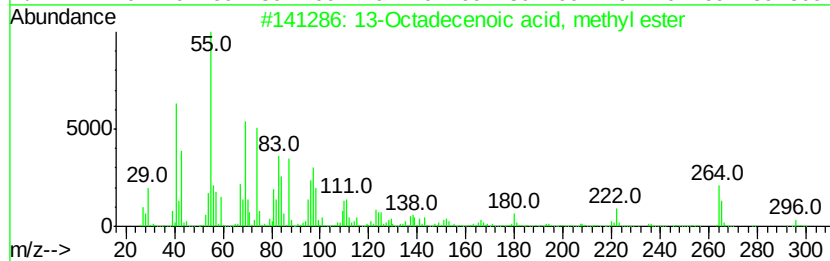
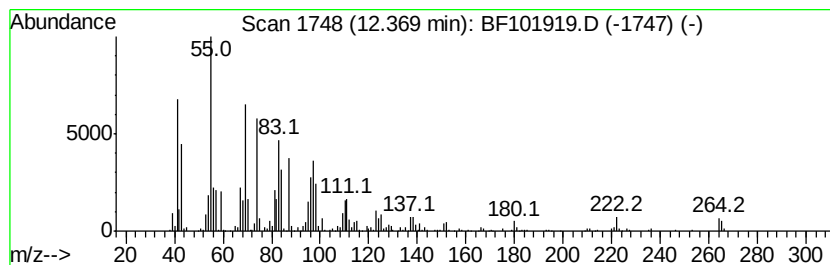
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 13-Octadecenoic acid, methyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	15.25 ng	621597	Phenanthrene-d10	11.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
2			14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
3			8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99
4			16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
5			12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99



Data Path : U:\HPCHEM1\BNA F\DATA\BF010518\
Data File : BF101919.D
Acq On : 5 Jan 2018 10:32
Operator : SJ/JU
Sample : J1033-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

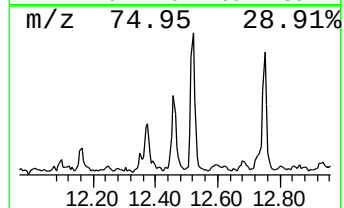
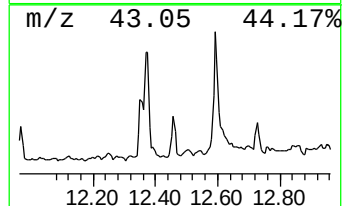
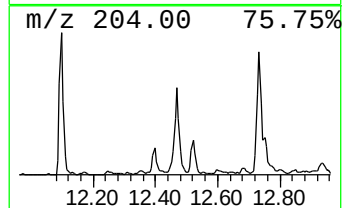
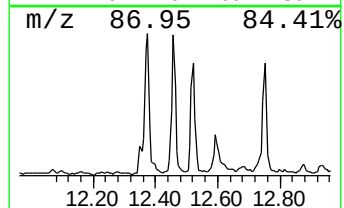
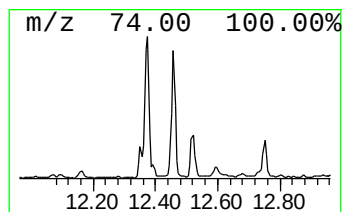
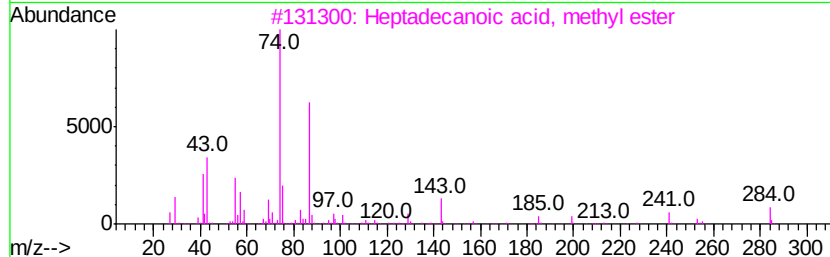
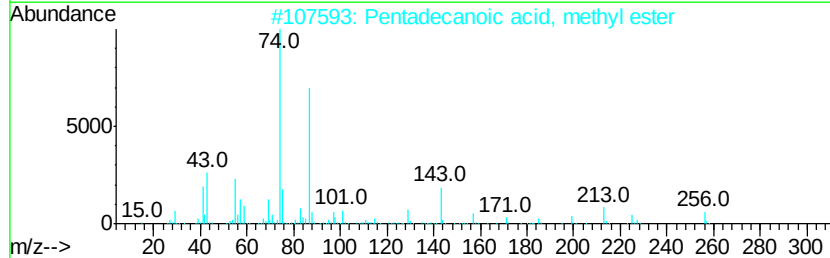
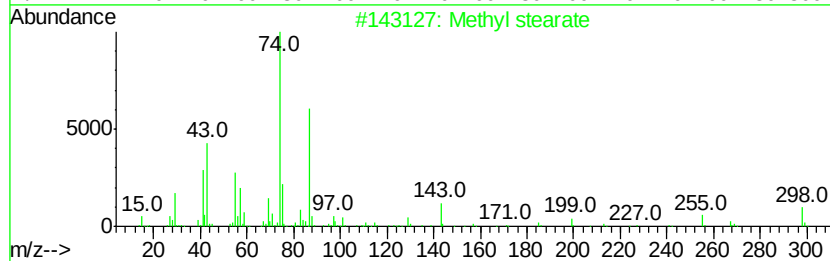
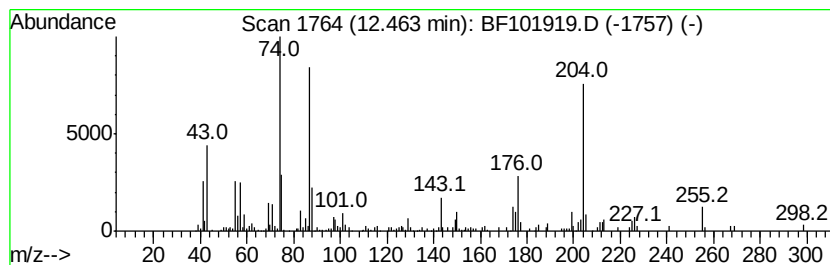
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Methyl stearate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.46	6.85 ng	278987	Phenanthrene-d10	11.30	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	95
2	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
3	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	87
4	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	86
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	86



Data Path : U:\HPCHEM1\BNA F\DATA\BF010518\
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Acq On : 5 Jan 2018 10:32
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Misc :
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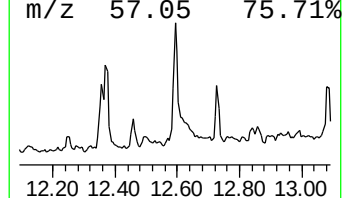
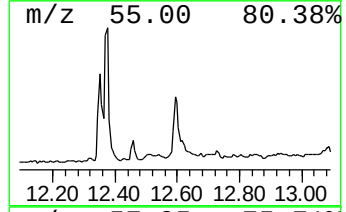
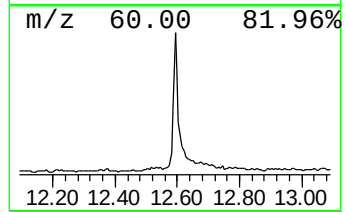
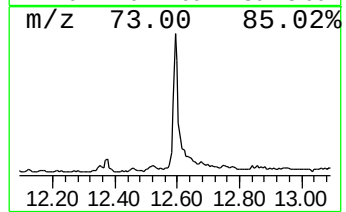
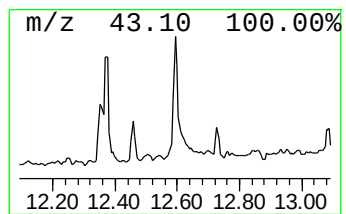
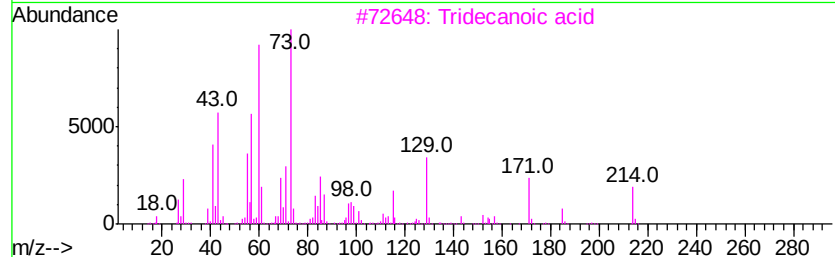
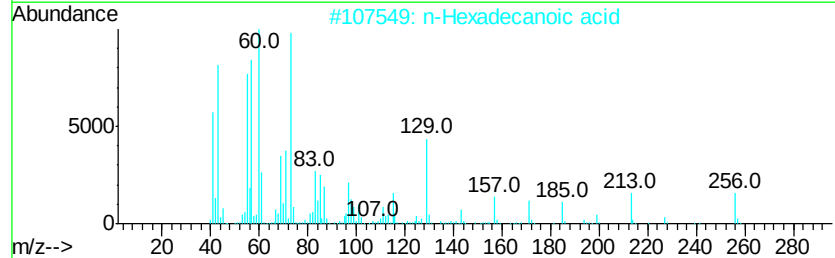
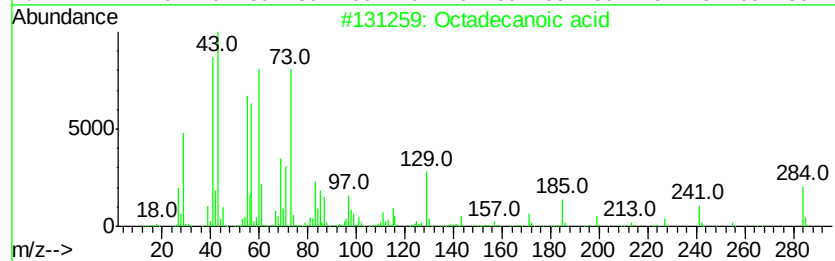
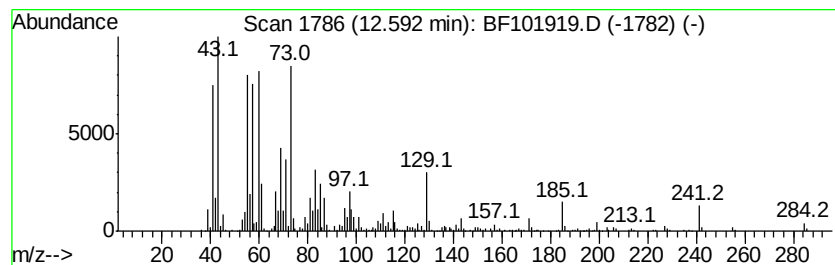
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.59	14.79 ng	602963	Phenanthrene-d10		11.30
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	64



Data Path : U:\HPCHEM1\BNA F\DATA\BF010518\
Data File : BF101919.D
Acq On : 5 Jan 2018 10:32
Operator : SJ/JU
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Misc :
ALS Vial : 4 Sample Multiplier: 1

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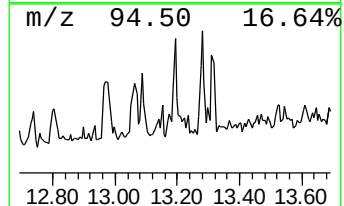
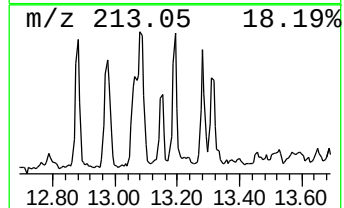
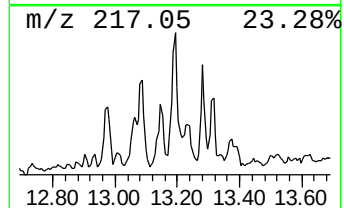
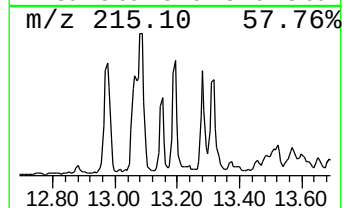
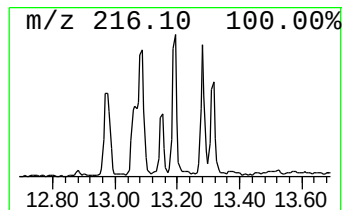
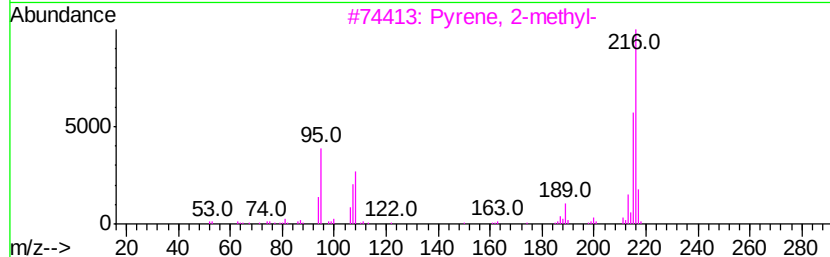
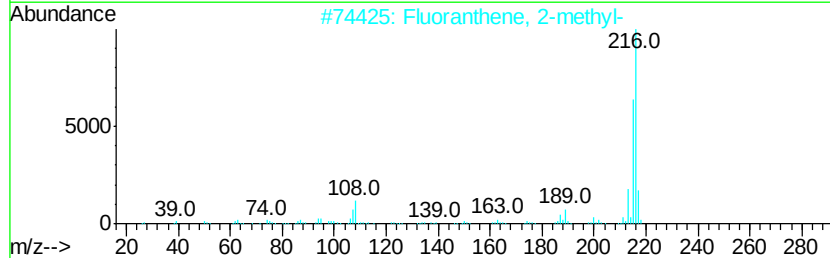
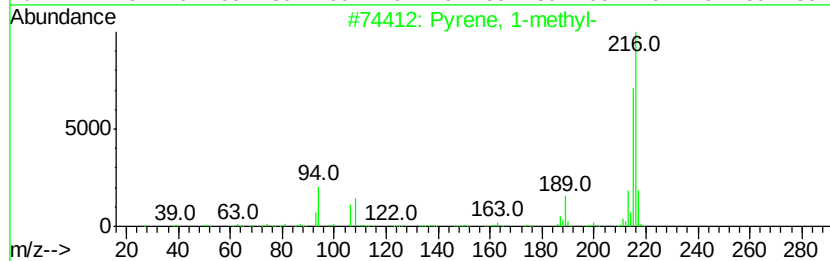
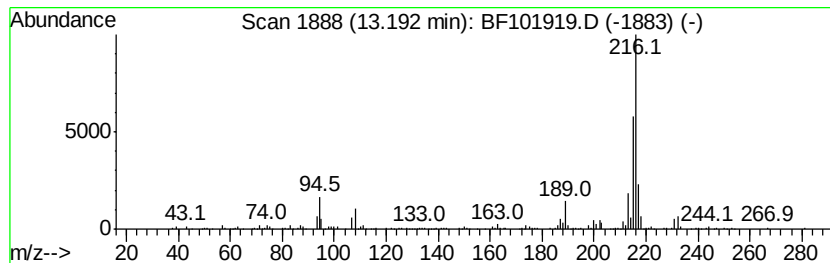
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	3.82 ng	306404	Chrysene-d12	13.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
3		Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4		Pyrene, 4-methyl-	216	C17H12	003353-12-6	89
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87



Data Path : U:\HPCHEM1\BNA F\DATA\BF010518\
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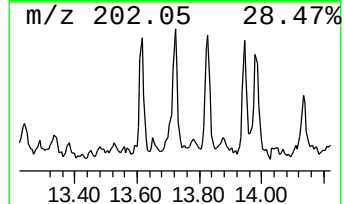
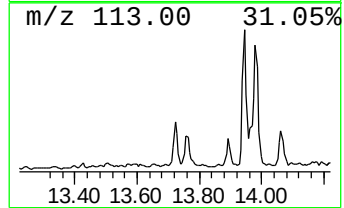
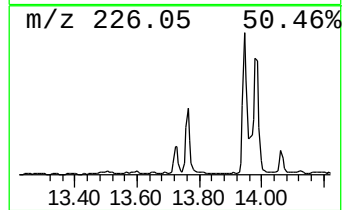
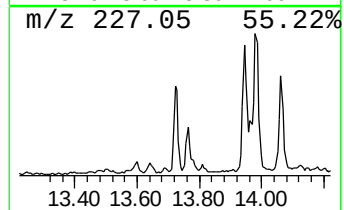
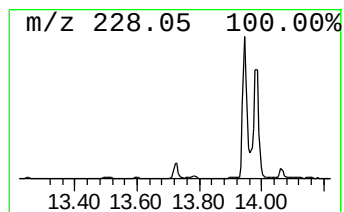
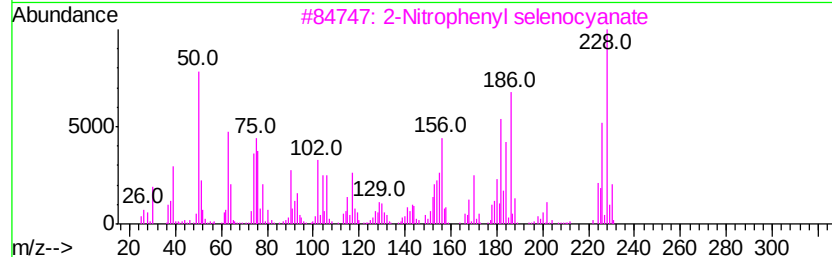
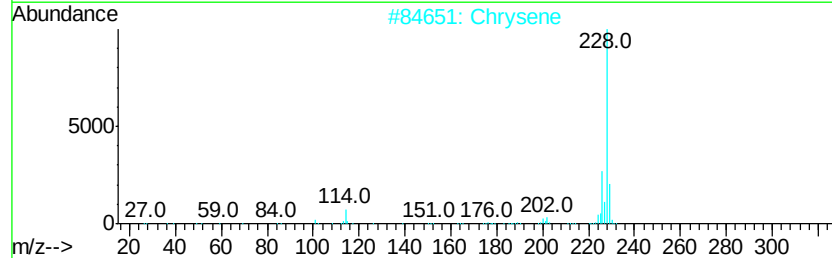
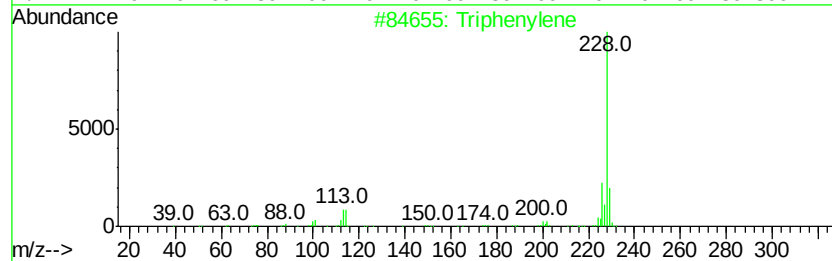
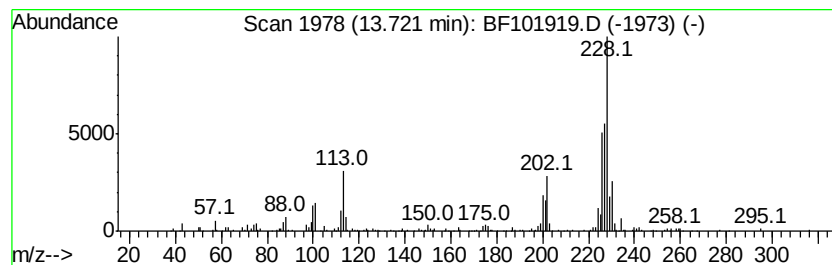
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Triphenylene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.72	3.05 ng	244473	Chrysene-d12	13.96	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene	228	C18H12	000217-59-4	60
2	Chrysene	228	C18H12	000218-01-9	49
3	2-Nitrophenyl selenocyanate	228	C7H4N2O2Se	051694-22-5	46
4	Benzo[c]phenanthrene	228	C18H12	000195-19-7	46
5	Diphenylvinylphosphine oxide	228	C14H13OP	002096-78-8	43



Data Path : U:\HPCHEM1\BNA F\DATA\BF010518\
Data File : BF101919.D
Acq On : 5 Jan 2018 10:32
Operator : SJ/JU
Sample : J1033-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3(5)

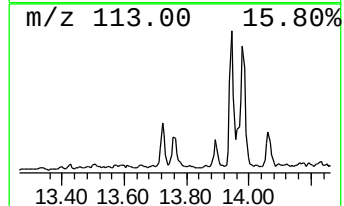
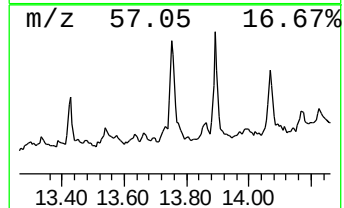
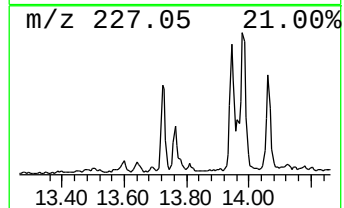
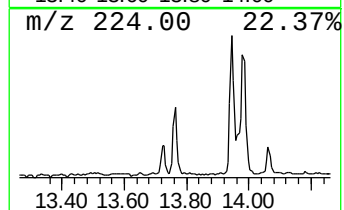
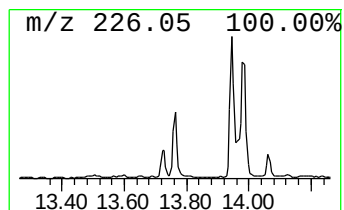
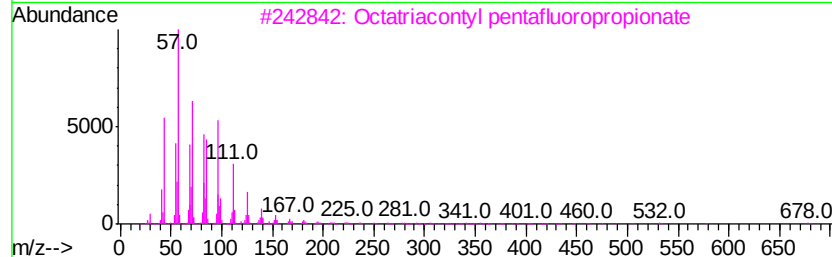
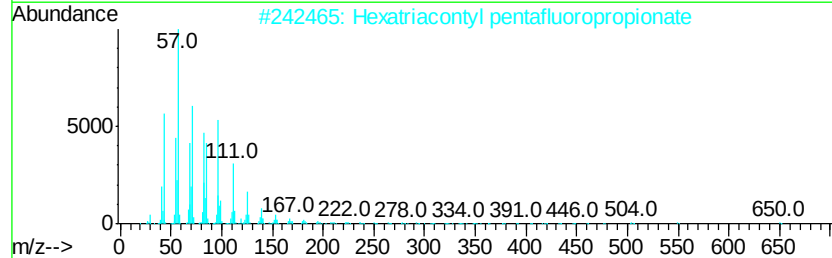
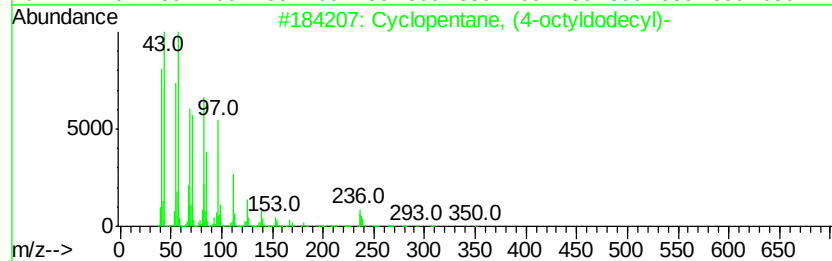
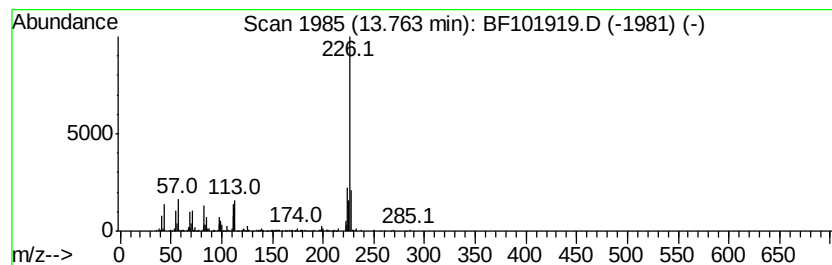
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown13.76 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	3.73 ng	299653	Chrysene-d12	13.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, (4-octyldodecyl)-	350	C25H50	005638-09-5	43
2		Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	43
3		Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	43
4		Tetratriacontyl heptafluorobutyrate	691	C38H69F7O2	1000351-84-1	43
5		Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	43



Data Path : U:\HPCHEM1\BNA_F\DATA\BF010518\
Data File : BF101919.D
Acq On : 5 Jan 2018 10:32
Operator : SJ/JU
Sample : J1033-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

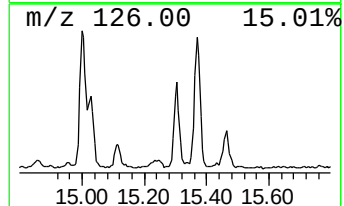
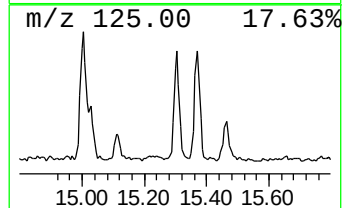
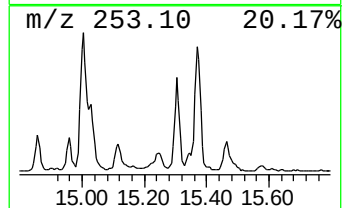
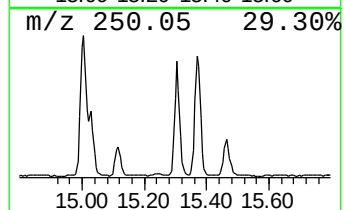
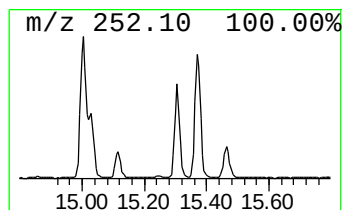
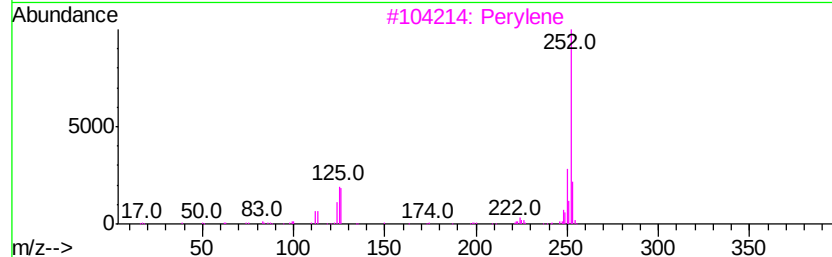
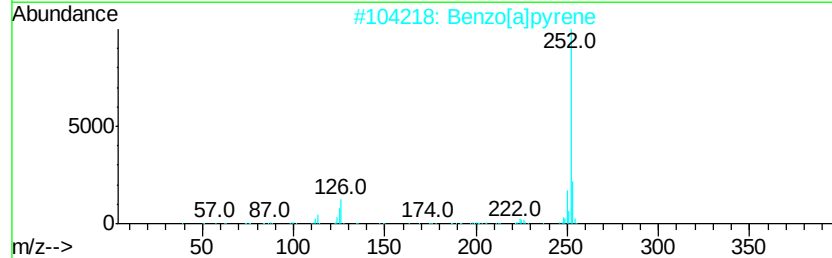
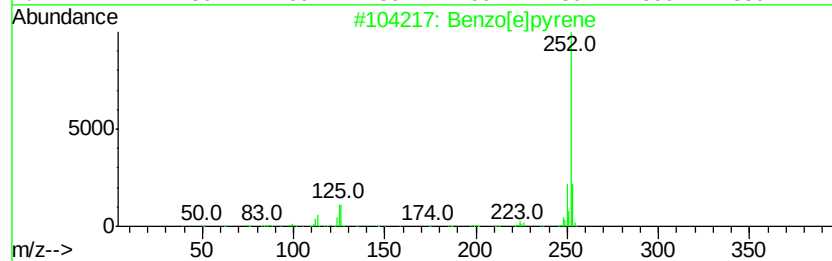
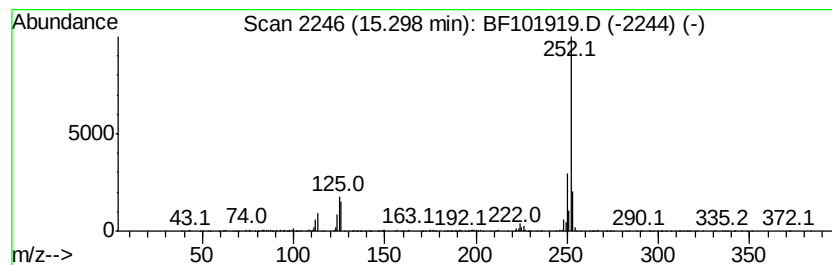
Instrument :
BNA_F
ClientSampleId :
B-3(5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
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 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.30	14.53 ng	508959	Perylene-d12		15.43
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Perylene	252	C20H12	000198-55-0	96
4	Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91



Data Path : U:\HPCHEM1\BNA_F\DATA\BF010518\
 Data File : BF101919.D
 Acq On : 5 Jan 2018 10:32
 Operator : SJ/JU
 Sample : J1033-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-3(5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.99	10.6	ng	460310	1	6.77	866620	20.0
unknown6.55	6.55	65.7	ng	2845630	1	6.77	866620	20.0
Hexadecane	9.72	3.4	ng	169938	3	9.80	986662	20.0
Pentadecane, 7-me...	10.22	3.7	ng	182618	3	9.80	986662	20.0
Tetradecane	10.69	4.6	ng	187298	4	11.30	815109	20.0
unknown11.13	11.13	3.8	ng	153946	4	11.30	815109	20.0
Hexadecanoic acid...	11.67	9.2	ng	374049	4	11.30	815109	20.0
n-Hexadecanoic acid	11.81	11.2	ng	456120	4	11.30	815109	20.0
Phenanthrene, 1-m...	11.83	6.5	ng	266716	4	11.30	815109	20.0
4H-Cyclopenta[def...	11.92	6.4	ng	260871	4	11.30	815109	20.0
1H-Cyclopropa[l]p...	11.94	5.5	ng	223452	4	11.30	815109	20.0
2-Chloroethyl lin...	12.35	21.1	ng	858370	4	11.30	815109	20.0
13-Octadecenoic a...	12.37	15.3	ng	621597	4	11.30	815109	20.0
Methyl stearate	12.46	6.8	ng	278987	4	11.30	815109	20.0
Octadecanoic acid	12.59	14.8	ng	602963	4	11.30	815109	20.0
Pyrene, 1-methyl-	13.19	3.8	ng	306404	5	13.96	1605200	20.0
Triphenylene	13.72	3.0	ng	244473	5	13.96	1605200	20.0
unknown13.76	13.76	3.7	ng	299653	5	13.96	1605200	20.0
Benzo[e]pyrene	15.30	14.5	ng	508959	6	15.43	700640	20.0