

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF091417\
 Data File : BF098549.D
 Acq On : 15 Sep 2017 1:11
 Operator : SJ/JU
 Sample : I5160-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-8A-2

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-BF091117.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	4.204	353	360	369	rBV2	27662	52277	1.19%	0.112%
2	4.834	463	467	483	rVB	405324	676834	15.40%	1.454%
3	5.204	525	530	535	rBV3	53888	74321	1.69%	0.160%
4	5.263	535	540	550	rBV	3727553	4009865	91.22%	8.614%
5	5.469	572	575	580	rBV2	46714	55268	1.26%	0.119%
6	5.787	626	629	634	rVB2	52985	53545	1.22%	0.115%
7	5.887	643	646	652	rVB2	63930	75413	1.72%	0.162%
8	6.169	691	694	698	rBV4	51447	60341	1.37%	0.130%
9	6.304	712	717	727	rBV	3752452	4141826	94.22%	8.897%
10	6.422	733	737	740	rBV	4464796	4011895	91.27%	8.618%
11	6.481	742	747	752	rVB2	73594	114258	2.60%	0.245%
12	6.645	772	775	782	rVB	1028376	930831	21.18%	2.000%
13	6.804	797	802	805	rBV	3548205	3140946	71.45%	6.747%
14	7.040	839	842	844	rBV2	50957	54247	1.23%	0.117%
15	7.222	868	873	876	rBV	2619374	2622181	59.65%	5.633%
16	7.251	876	878	881	rVB	95570	79508	1.81%	0.171%
17	7.928	988	993	996	rBV	1281242	1302721	29.64%	2.798%
18	7.951	996	997	1002	rVV	201998	151705	3.45%	0.326%
19	7.998	1002	1005	1007	rVB	71914	64050	1.46%	0.138%
20	8.357	1062	1066	1069	rBV	136291	127945	2.91%	0.275%
21	8.528	1092	1095	1100	rBV	119433	106282	2.42%	0.228%
22	8.645	1112	1115	1118	rVB	174262	150830	3.43%	0.324%
23	8.739	1128	1131	1134	rBV	175242	139242	3.17%	0.299%
24	8.951	1165	1167	1171	rVB	72046	64118	1.46%	0.138%
25	9.010	1171	1177	1180	rBV	4889639	4395794	100.00%	9.443%
26	9.086	1188	1190	1192	rBV	120723	111058	2.53%	0.239%
27	9.269	1217	1221	1226	rVB2	71202	98117	2.23%	0.211%
28	9.339	1230	1233	1236	rVV	162284	175031	3.98%	0.376%
29	9.369	1236	1238	1240	rVV	134493	114922	2.61%	0.247%
30	9.404	1241	1244	1247	rVV	907070	716063	16.29%	1.538%
31	9.457	1251	1253	1258	rVV2	86394	93806	2.13%	0.202%
32	9.539	1265	1267	1272	rVB	101058	82551	1.88%	0.177%
33	9.616	1277	1280	1283	rVB	145603	113589	2.58%	0.244%
34	9.681	1283	1291	1294	rBV	1477749	1317491	29.97%	2.830%

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 Smoothing : ON
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.710	1294	1296	1300	rVB4	52129	68087	1.55%	0.146%
36	9.786	1306	1309	1313	rVB2	49930	61260	1.39%	0.132%
37	9.886	1322	1326	1330	rBV	117250	134078	3.05%	0.288%
38	9.922	1330	1332	1340	rVB3	78745	98735	2.25%	0.212%
39	9.998	1342	1345	1348	rBV	75006	81949	1.86%	0.176%
40	10.028	1348	1350	1356	rVB	72081	63634	1.45%	0.137%
41	10.086	1356	1360	1362	rBV3	98211	117506	2.67%	0.252%
42	10.116	1362	1365	1368	rVB2	136923	123025	2.80%	0.264%
43	10.222	1380	1383	1385	rBV2	97029	92143	2.10%	0.198%
44	10.333	1399	1402	1407	rVB3	90050	87184	1.98%	0.187%
45	10.386	1407	1411	1415	rVB3	99556	134012	3.05%	0.288%
46	10.469	1419	1425	1429	rBV	2061297	2058332	46.83%	4.422%
47	10.598	1442	1447	1453	rVB2	285428	372207	8.47%	0.800%
48	10.775	1470	1477	1479	rBV4	37034	59533	1.35%	0.128%
49	10.904	1495	1499	1501	rBV3	73885	100057	2.28%	0.215%
50	10.975	1507	1511	1514	rBV	94457	102035	2.32%	0.219%
51	11.010	1514	1517	1519	rVV3	60328	77836	1.77%	0.167%
52	11.033	1519	1521	1523	rVV	173279	142135	3.23%	0.305%
53	11.063	1523	1526	1532	rVB3	91330	110613	2.52%	0.238%
54	11.163	1539	1543	1545	rBV	1239873	1105503	25.15%	2.375%
55	11.186	1545	1547	1550	rVV	410980	335773	7.64%	0.721%
56	11.239	1553	1556	1558	rVB	92060	87569	1.99%	0.188%
57	11.345	1568	1574	1577	rVB3	69238	94173	2.14%	0.202%
58	11.410	1579	1585	1587	rVV4	49873	92934	2.11%	0.200%
59	11.457	1590	1593	1596	rVV	151761	138935	3.16%	0.298%
60	11.492	1597	1599	1605	rVB3	41742	65880	1.50%	0.142%
61	11.663	1625	1628	1630	rBV	142684	118982	2.71%	0.256%
62	11.692	1630	1633	1636	rVB	227543	218643	4.97%	0.470%
63	11.769	1643	1646	1649	rVV	174177	176229	4.01%	0.379%
64	11.792	1649	1650	1655	rVB	105689	90322	2.05%	0.194%
65	11.863	1658	1662	1665	rBV	124833	137094	3.12%	0.295%
66	11.957	1675	1678	1681	rBV	107626	104336	2.37%	0.224%
67	11.992	1681	1684	1688	rVB	60805	67705	1.54%	0.145%
68	12.139	1706	1709	1711	rBV2	70867	68248	1.55%	0.147%
69	12.210	1718	1721	1724	rBV	173258	153649	3.50%	0.330%
70	12.251	1724	1728	1733	rVB3	154289	215816	4.91%	0.464%
71	12.298	1733	1736	1739	rBV2	86897	90802	2.07%	0.195%

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72	12.369	1745	1748	1752	rBV	541660	484301	11.02%	1.040%
73	12.416	1754	1756	1758	rBV	58139	52788	1.20%	0.113%
74	12.598	1781	1787	1789	rBV	554306	516598	11.75%	1.110%
75	12.622	1789	1791	1794	rVV2	118572	102568	2.33%	0.220%
76	12.651	1794	1796	1800	rVB3	55606	63073	1.43%	0.135%
77	12.745	1808	1812	1815	rBV	3044342	2855856	64.97%	6.135%
78	12.816	1821	1824	1832	rBV5	75729	117137	2.66%	0.252%
79	12.910	1837	1840	1842	rBV3	60420	78711	1.79%	0.169%
80	12.980	1849	1852	1856	rVB3	79440	79348	1.81%	0.170%
81	13.027	1858	1860	1863	rVB2	73293	70338	1.60%	0.151%
82	13.151	1878	1881	1884	rBV	54381	61833	1.41%	0.133%
83	13.227	1890	1894	1901	rVB	444537	448575	10.20%	0.964%
84	13.322	1907	1910	1913	rVV3	86637	81390	1.85%	0.175%
85	13.351	1913	1915	1922	rVB4	65940	92662	2.11%	0.199%
86	13.439	1927	1930	1933	rVB	149308	136230	3.10%	0.293%
87	13.645	1962	1965	1969	rVB2	230608	221115	5.03%	0.475%
88	13.792	1986	1990	1993	rBV2	995828	1148864	26.14%	2.468%
89	13.821	1993	1995	1997	rVB	281547	214702	4.88%	0.461%
90	13.963	2016	2019	2022	rVB3	77575	77985	1.77%	0.168%
91	14.180	2054	2056	2059	rVB	104410	87573	1.99%	0.188%
92	14.216	2059	2062	2066	rBV2	65639	77137	1.75%	0.166%
93	14.563	2118	2121	2123	rBV3	56169	64240	1.46%	0.138%
94	14.804	2158	2162	2165	rBV	358905	495707	11.28%	1.065%
95	14.898	2176	2178	2182	rVB	69052	71792	1.63%	0.154%
96	15.080	2205	2209	2215	rVB	238654	273529	6.22%	0.588%
97	15.133	2215	2218	2223	rVV	209060	257750	5.86%	0.554%
98	15.192	2224	2228	2243	rVB	719920	1067310	24.28%	2.293%
99	16.527	2450	2455	2460	rBV	101970	178257	4.06%	0.383%
100	16.927	2518	2523	2531	rVB	79564	147736	3.36%	0.317%

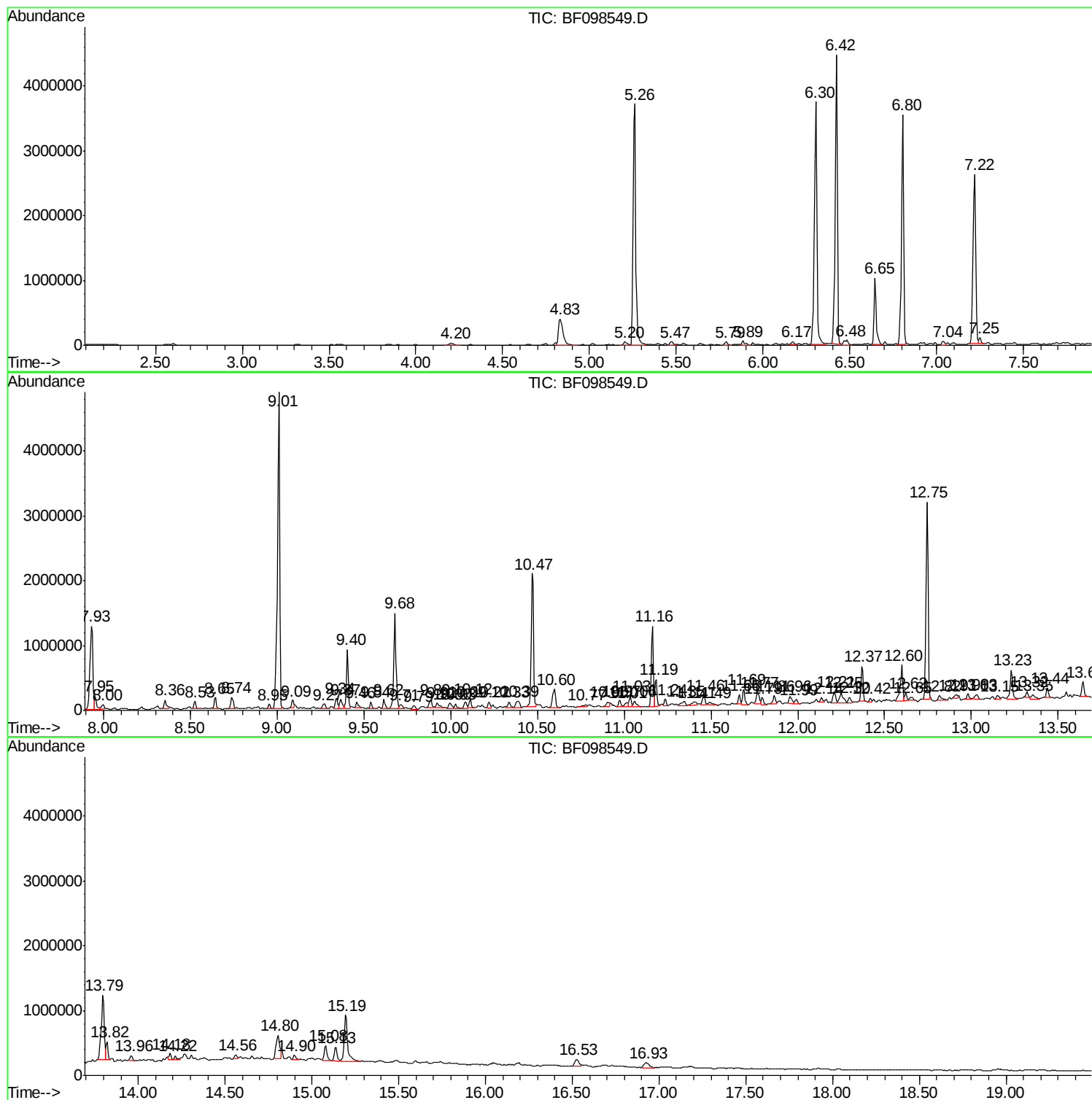
Sum of corrected areas: 46550930

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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
G-8A-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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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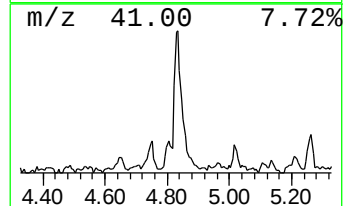
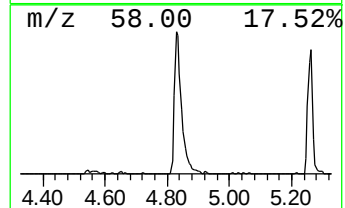
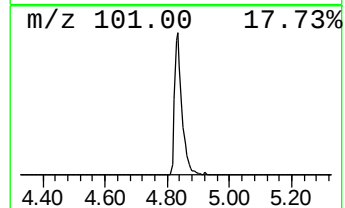
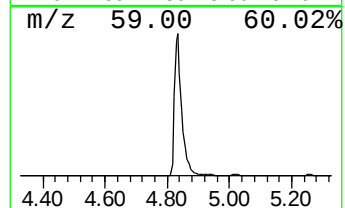
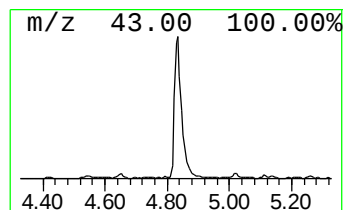
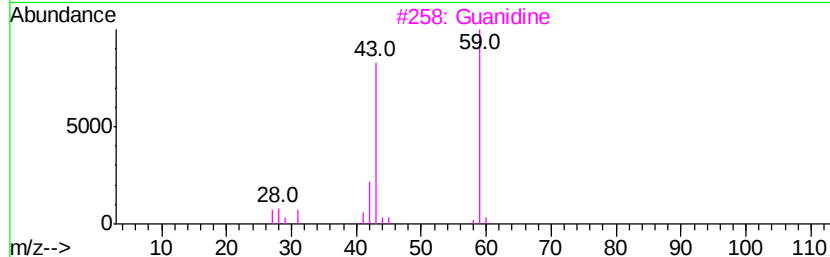
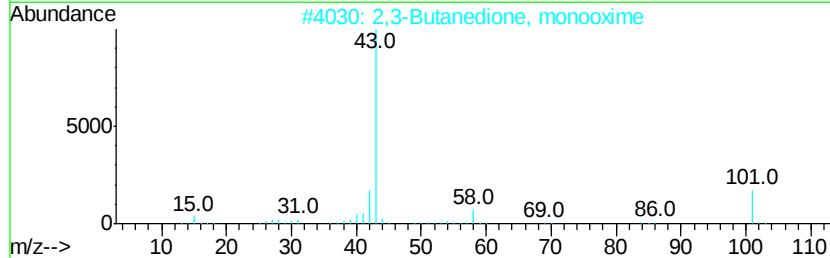
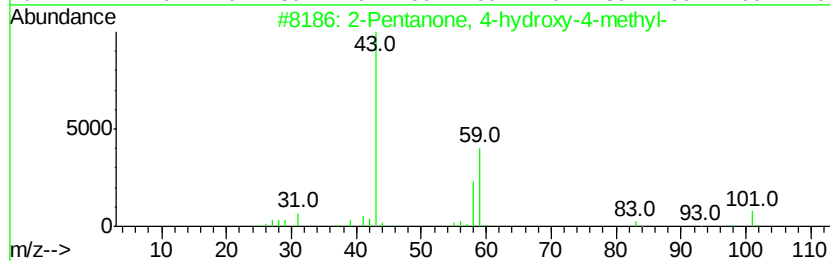
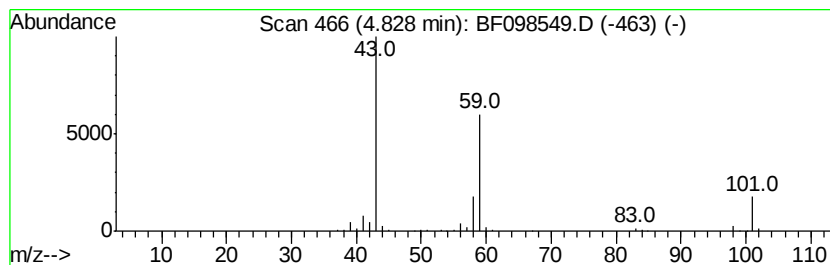
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	14.54 ng	676834	1,4-Dichlorobenzene-d4	6.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10
3			Guanidine	59	CH5N3	000113-00-8	9
4			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	9
5			Propanoic acid, 2-nitro-, methyl...	133	C4H7NO4	006118-50-9	9



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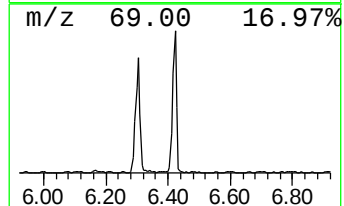
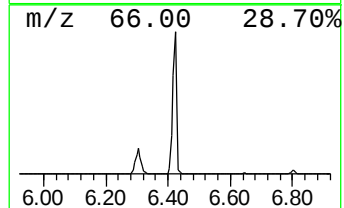
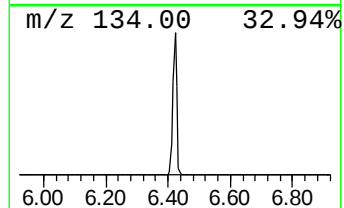
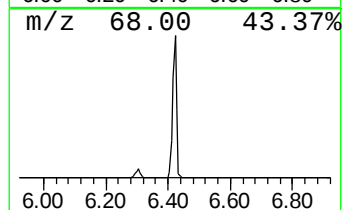
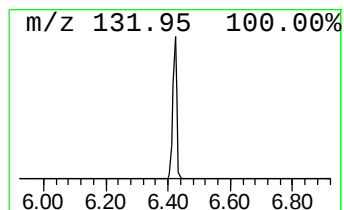
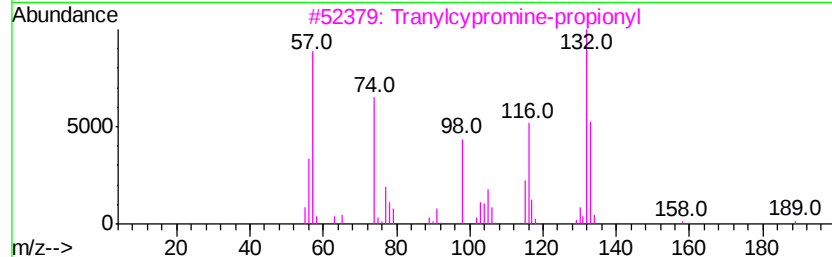
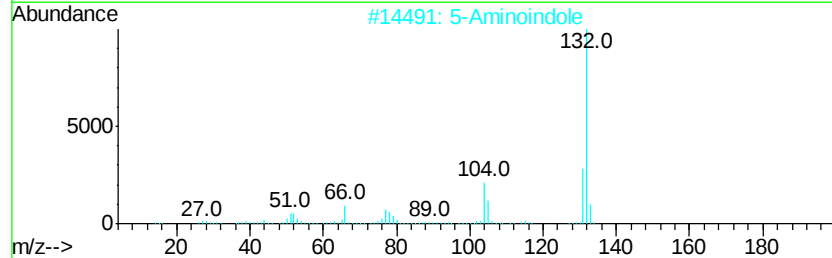
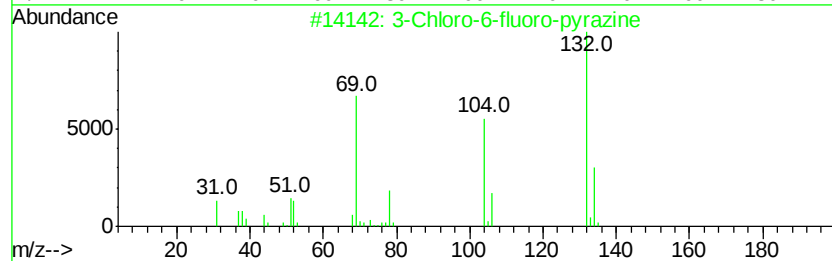
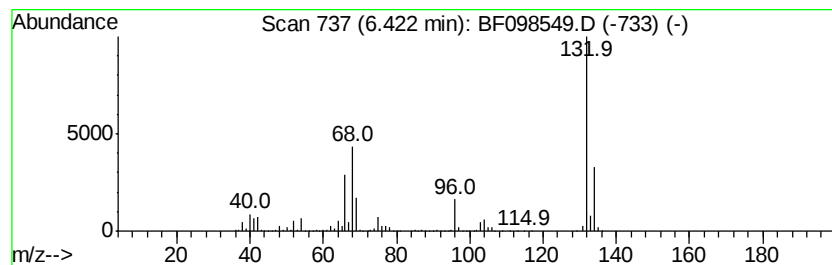
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.42 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	86.20 ng	4011900	1,4-Dichlorobenzene-d4	6.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			5-Aminoindole	132	C8H8N2	005192-03-0	12
3			Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	10
4			1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5			2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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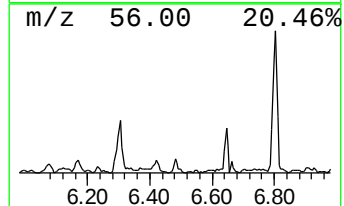
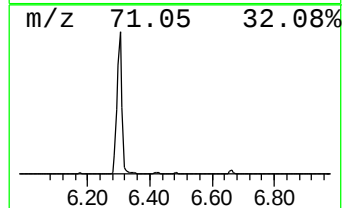
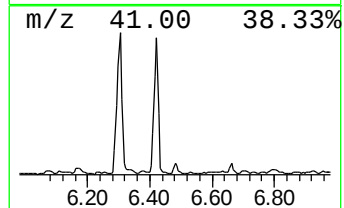
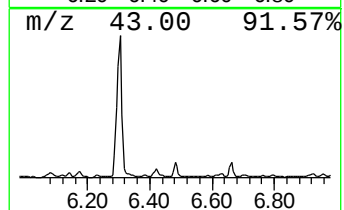
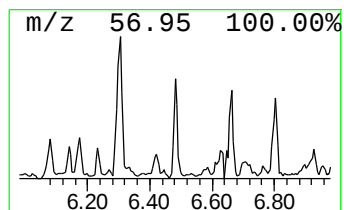
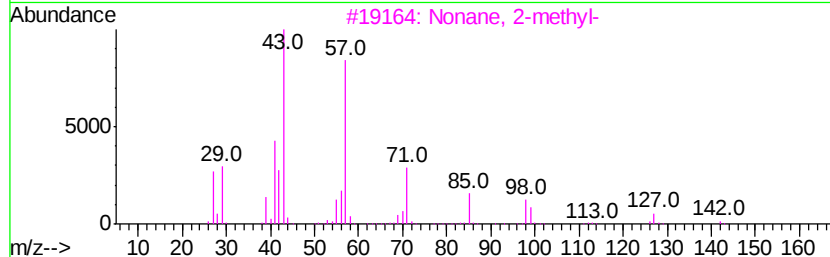
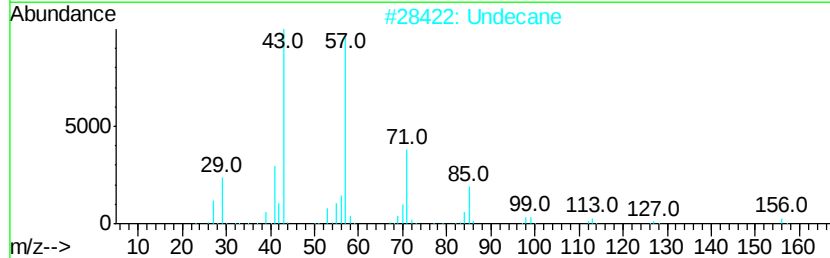
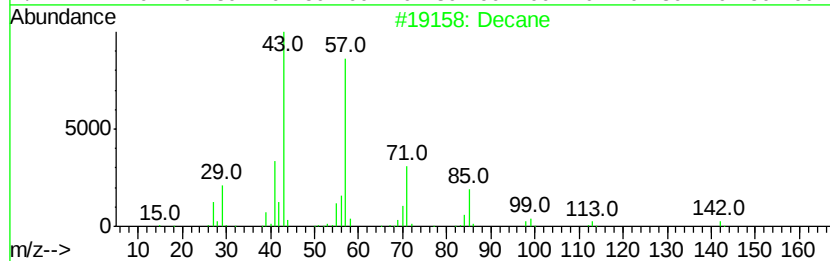
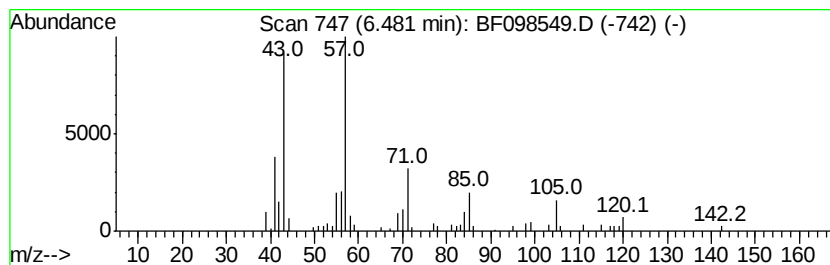
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Decane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	2.45 ng	114258	1,4-Dichlorobenzene-d4	6.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane			142	C10H22	000124-18-5	87
2	Undecane			156	C11H24	001120-21-4	64
3	Nonane, 2-methyl-			142	C10H22	000871-83-0	58
4	Nonane			128	C9H20	000111-84-2	53
5	Octane, 3,4,5,6-tetramethyl-			170	C12H26	062185-21-1	47



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098549.D
Acq On : 15 Sep 2017 1:11
Operator : SJ/JU
Sample : I5160-10
Misc :
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Instrument :
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ClientSampleId :
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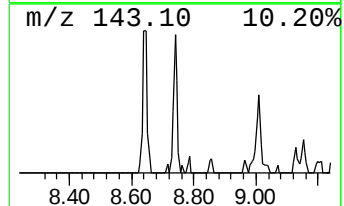
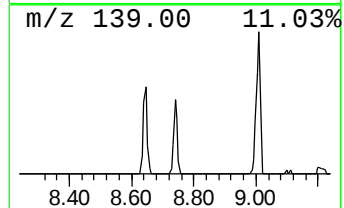
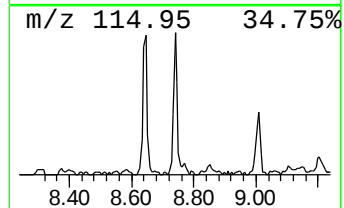
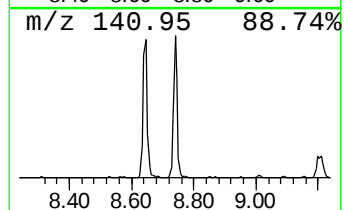
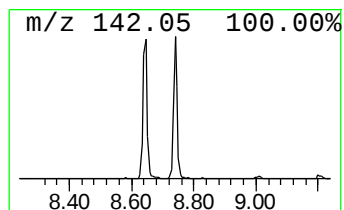
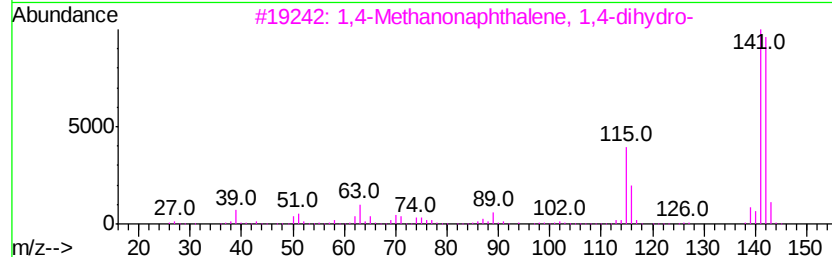
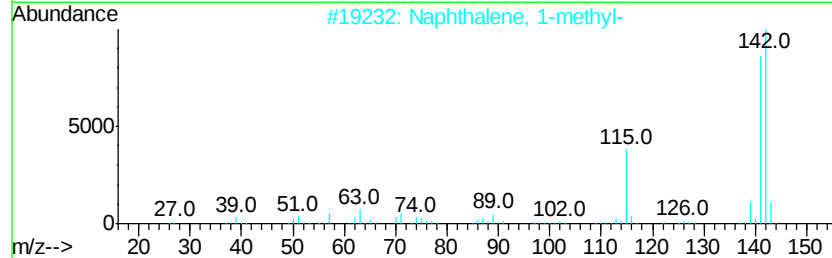
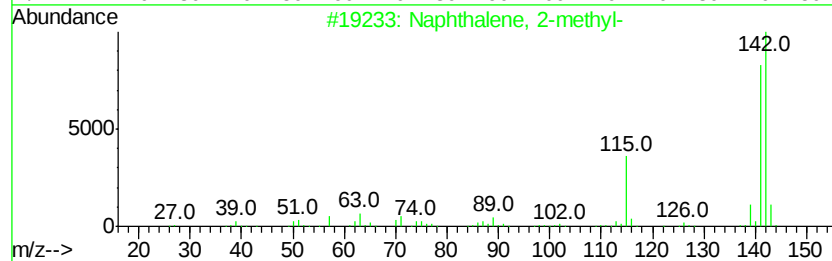
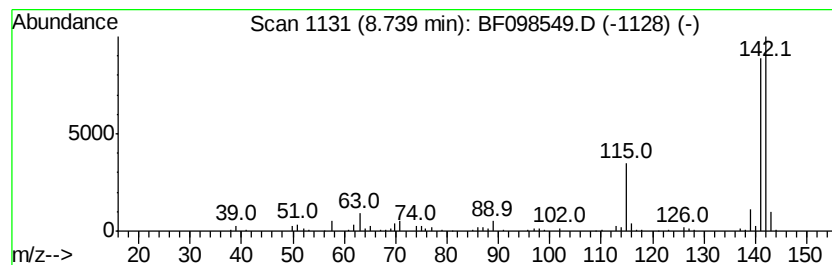
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.74	2.14 ng	139242	Naphthalene-d8	7.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	94
4		Benzocycloheptatriene	142	C11H10	000264-09-5	94
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	59



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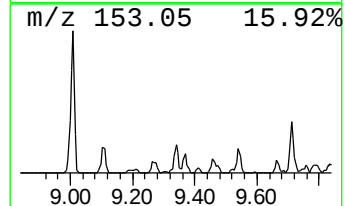
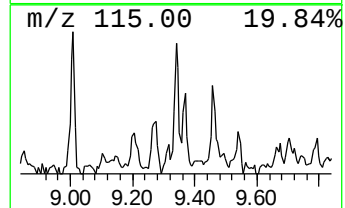
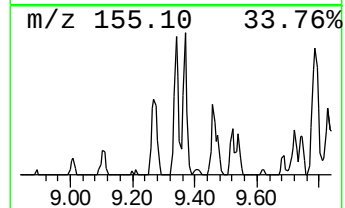
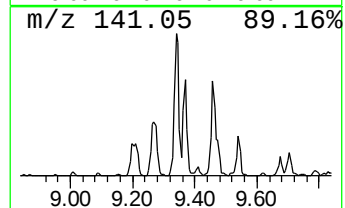
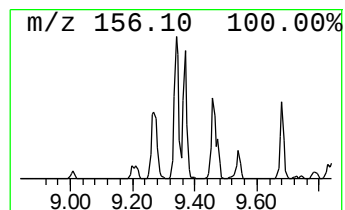
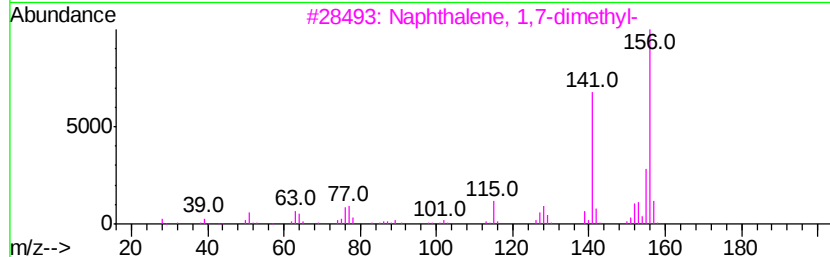
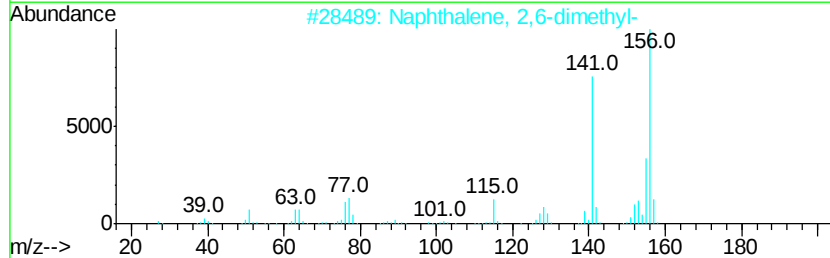
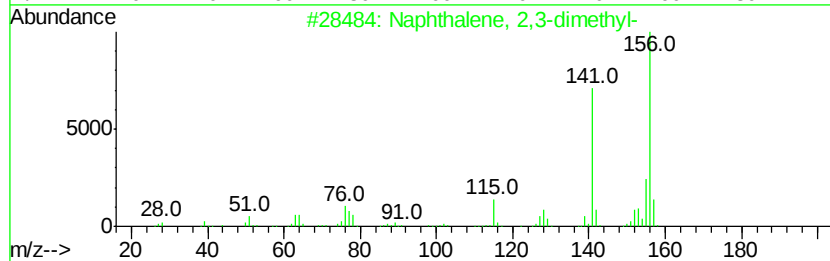
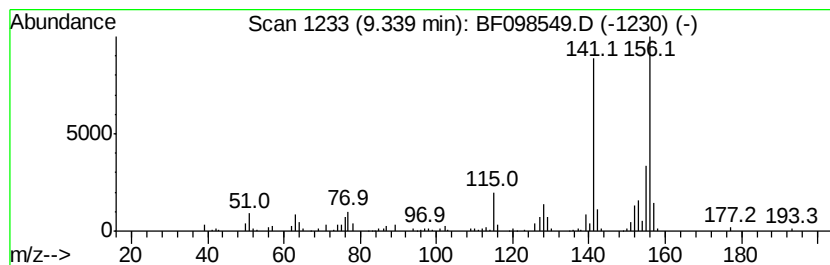
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
9.34	2.66 ng	175031	Acenaphthene-d10		9.68
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



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Data File : BF098549.D
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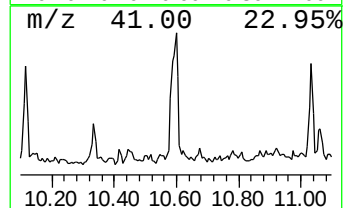
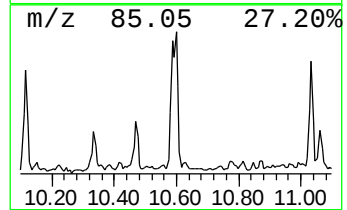
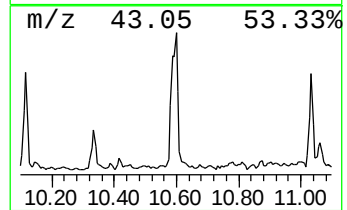
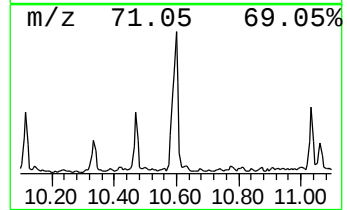
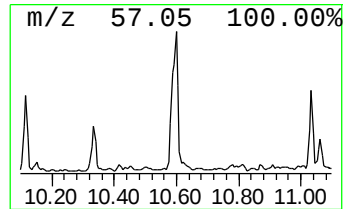
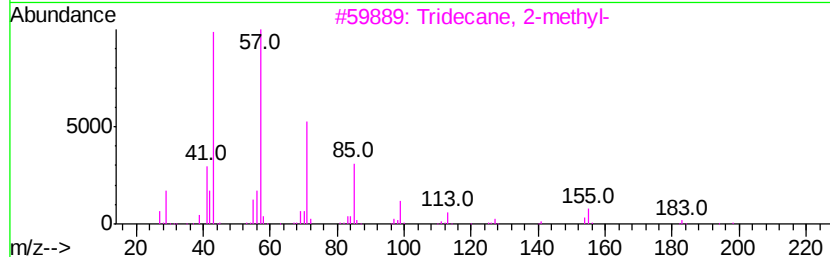
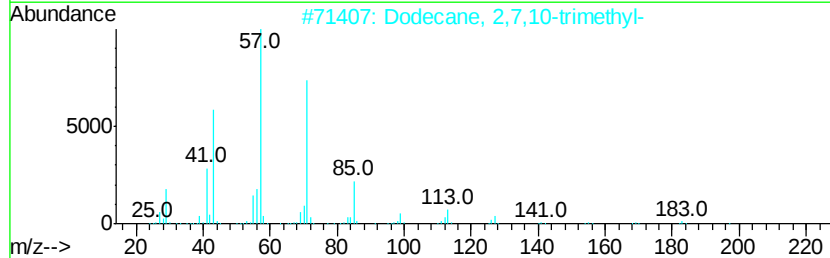
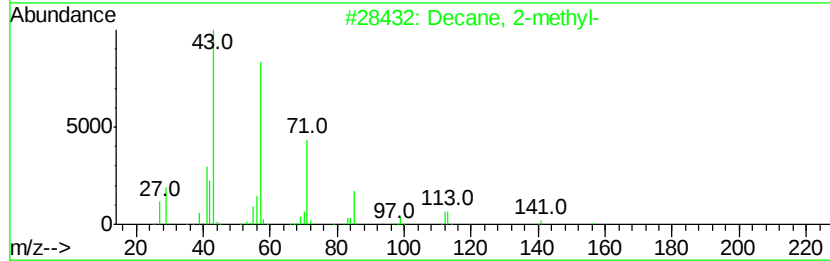
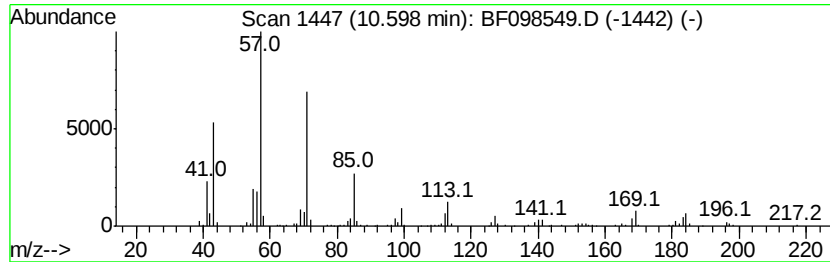
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Decane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	6.73 ng	372207	Phenanthrene-d10	11.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 2-methyl-	156	C11H24	006975-98-0	74
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
3		Tridecane, 2-methyl-	198	C14H30	001560-96-9	72
4		Eicosane	282	C20H42	000112-95-8	72
5		Tridecane, 4-methyl-	198	C14H30	026730-12-1	68



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
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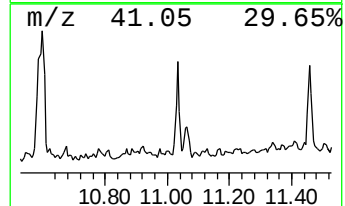
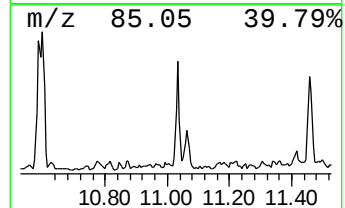
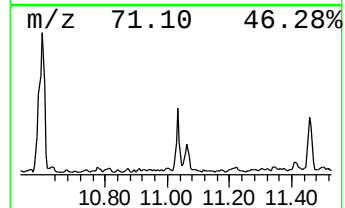
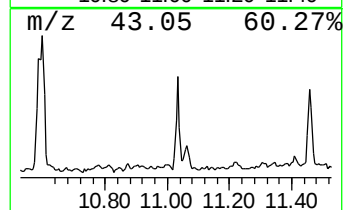
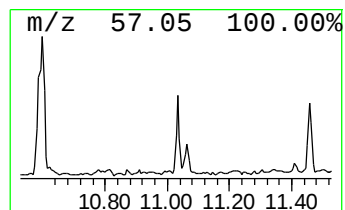
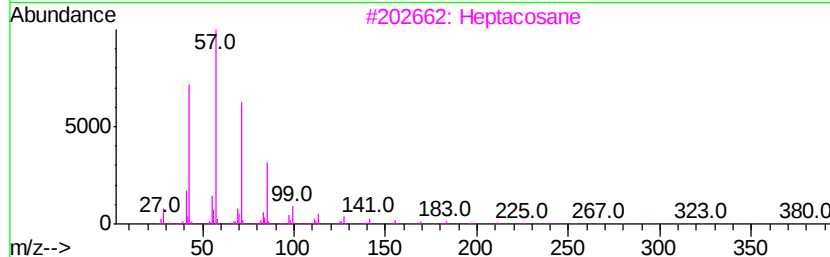
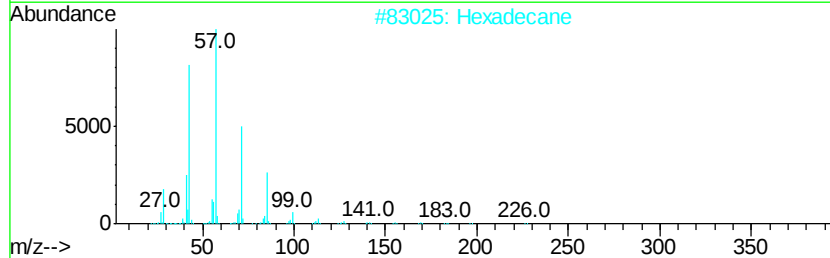
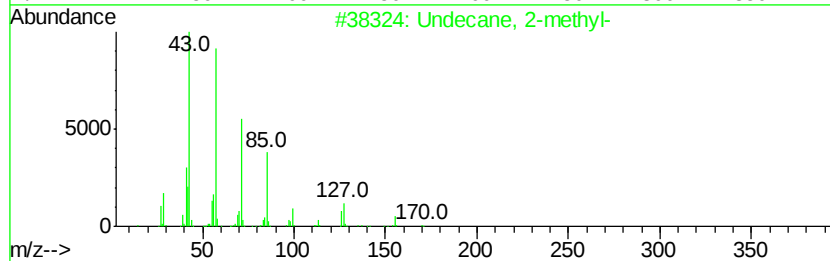
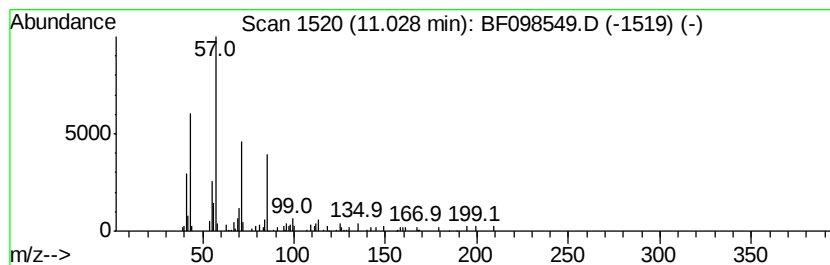
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Undecane, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	2.57 ng	142135	Phenanthrene-d10	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2-methyl-	170	C12H26	007045-71-8	86
2		Hexadecane	226	C16H34	000544-76-3	80
3		Heptacosane	380	C27H56	000593-49-7	78
4		Decane, 3-methyl-	156	C11H24	013151-34-3	72
5		Undecane, 3-methyl-	170	C12H26	001002-43-3	72



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
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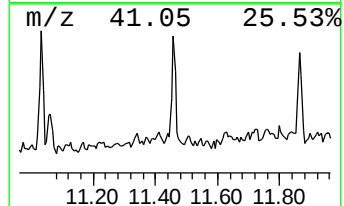
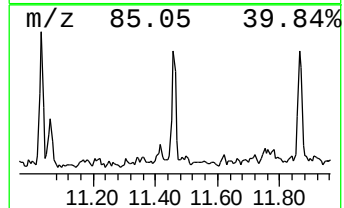
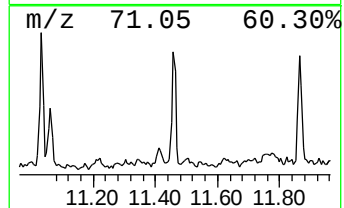
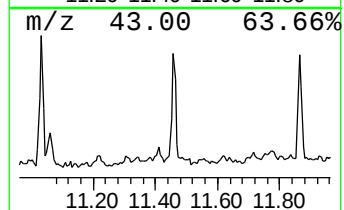
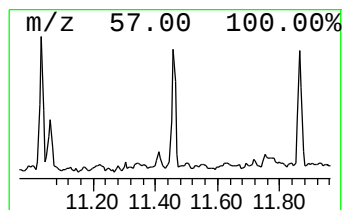
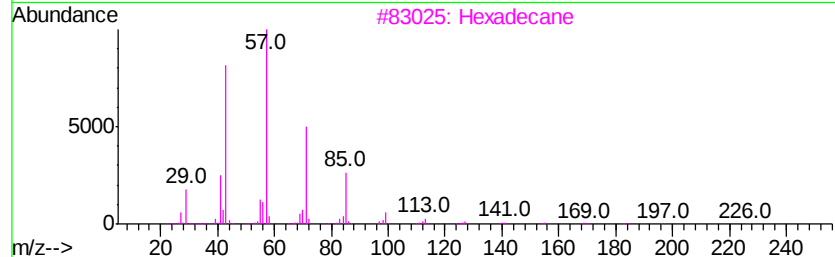
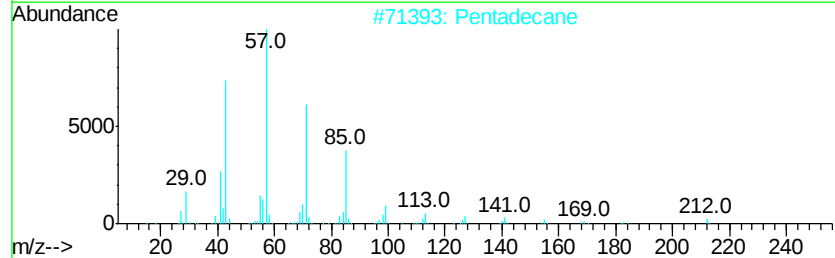
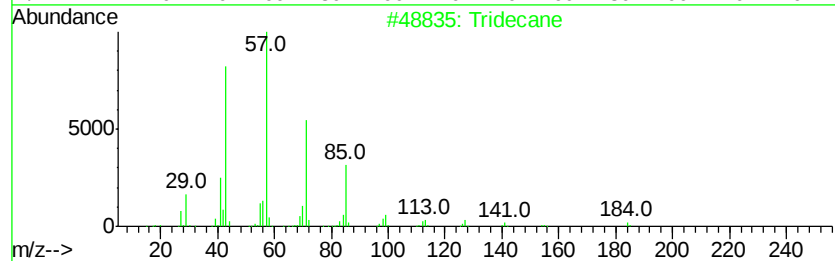
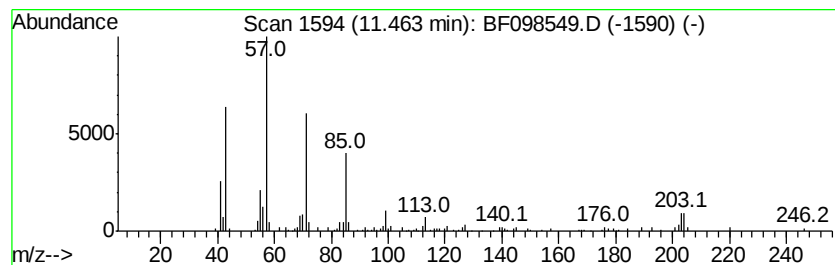
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tridecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	2.51 ng	138935	Phenanthrene-d10	11.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	64
2			Pentadecane	212	C15H32	000629-62-9	52
3			Hexadecane	226	C16H34	000544-76-3	52
4			Undecane, 3-methyl-	170	C12H26	001002-43-3	50
5			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	50



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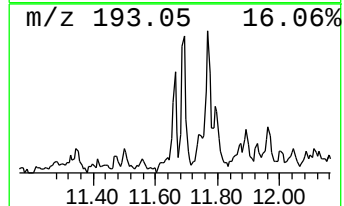
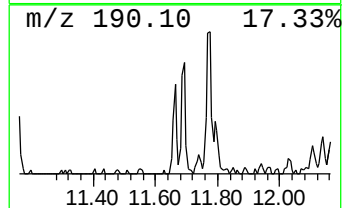
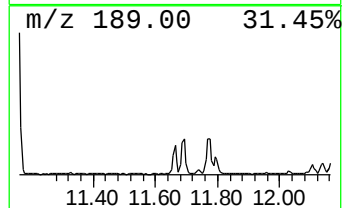
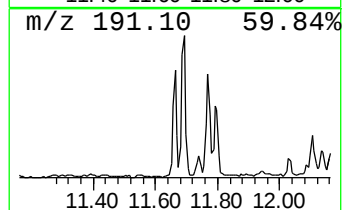
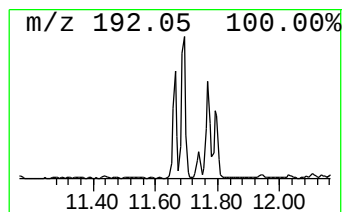
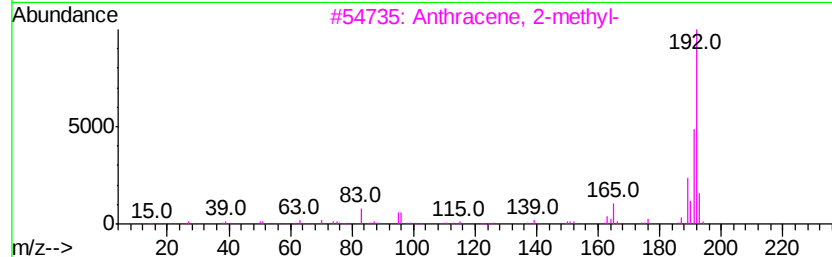
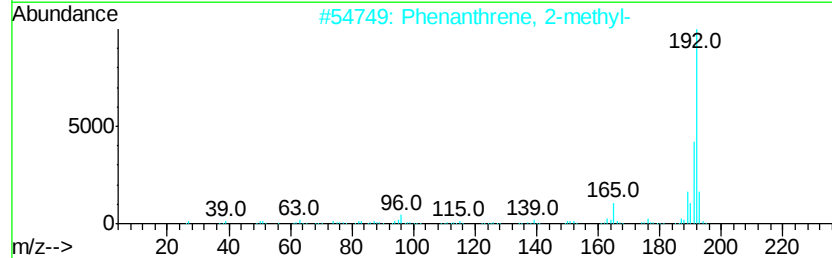
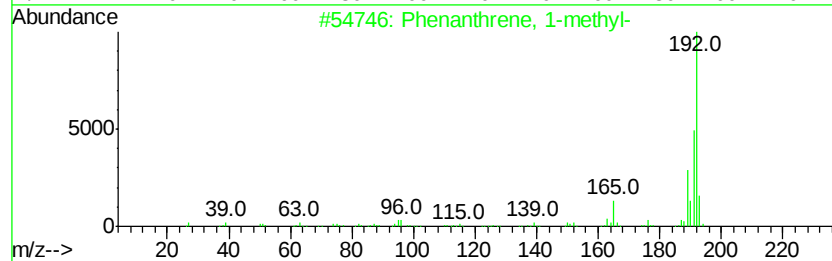
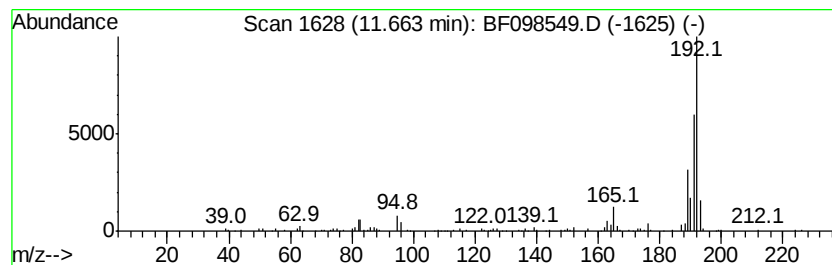
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	2.15 ng	118982	Phenanthrene-d10	11.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5			1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	90



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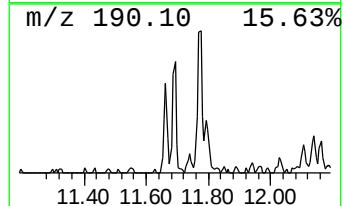
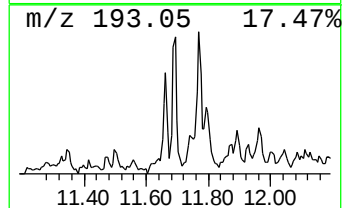
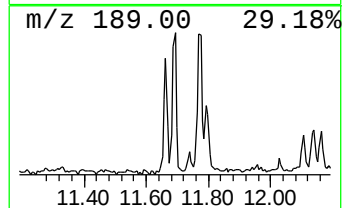
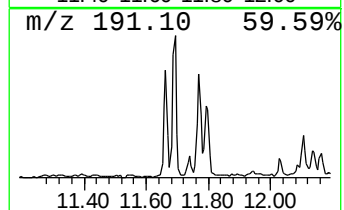
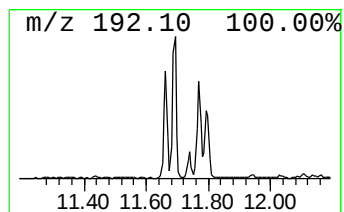
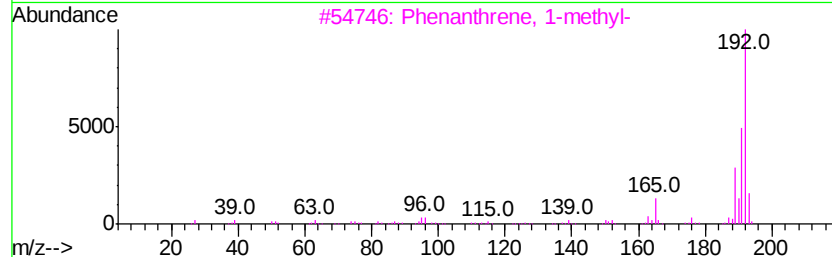
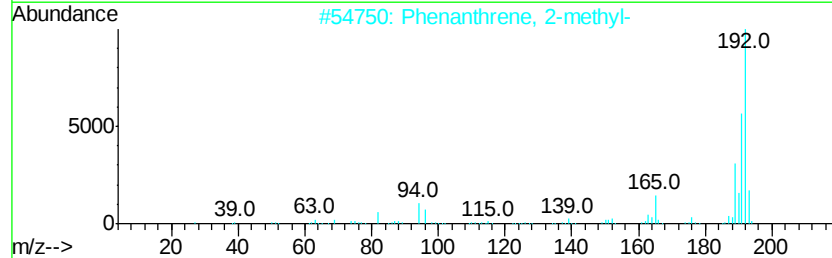
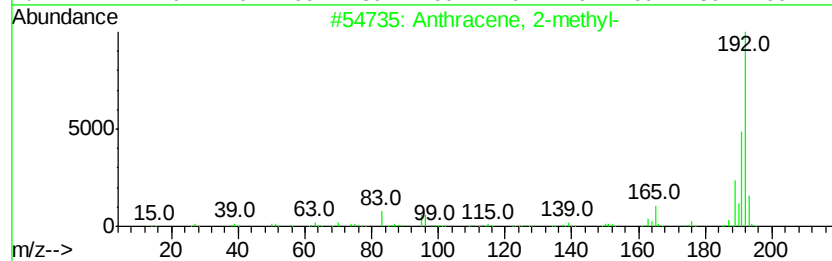
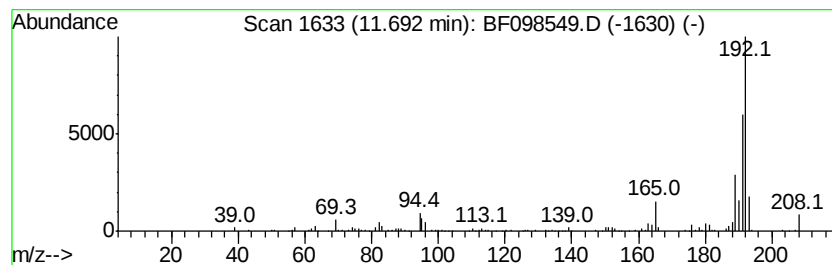
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	3.96 ng	218643	Phenanthrene-d10	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	93
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098549.D
Acq On : 15 Sep 2017 1:11
Operator : SJ/JU
Sample : I5160-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
G-8A-2

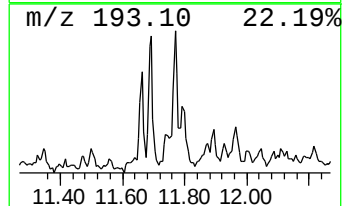
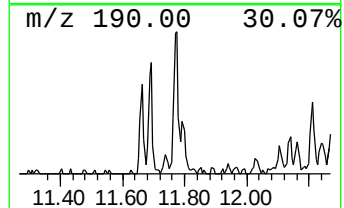
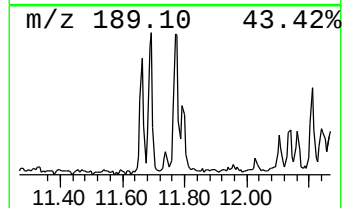
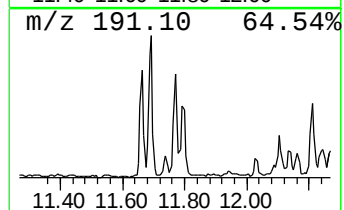
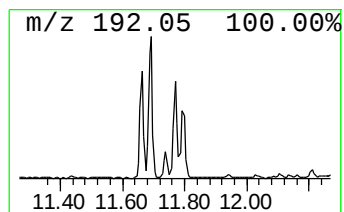
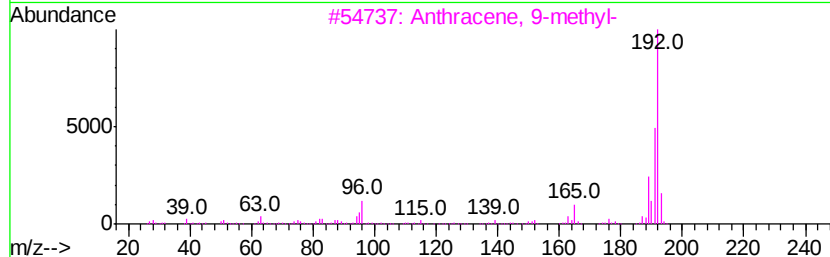
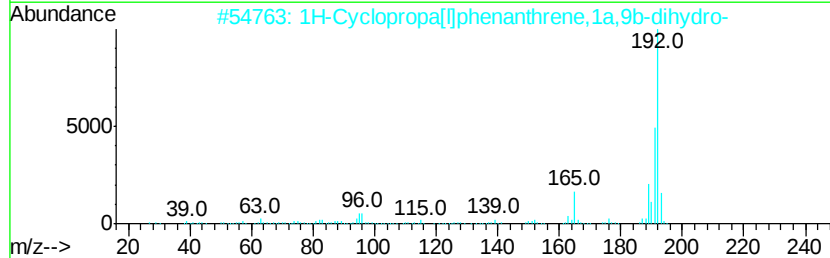
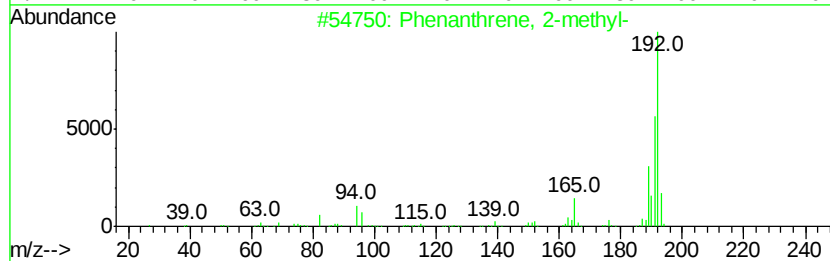
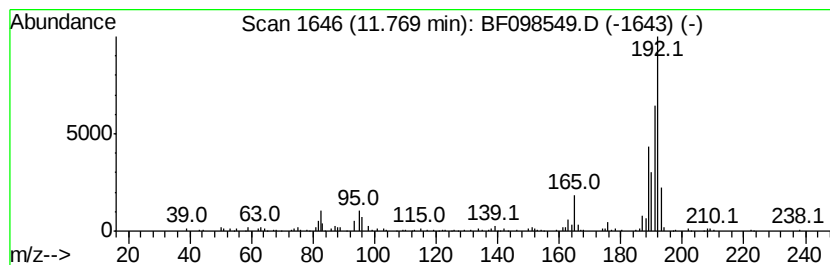
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	3.19 ng	176229	Phenanthrene-d10	11.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	89
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	89
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	86



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098549.D
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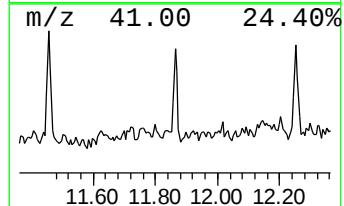
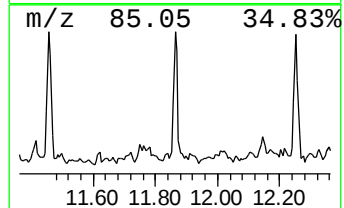
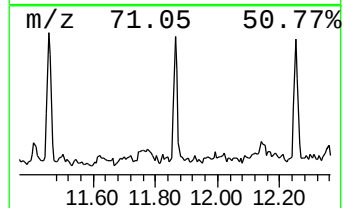
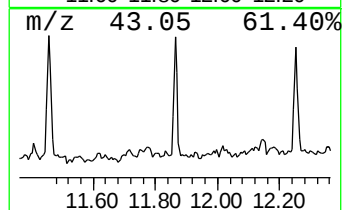
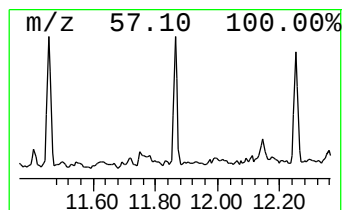
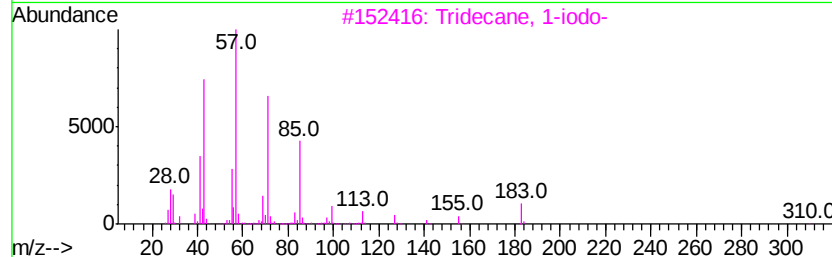
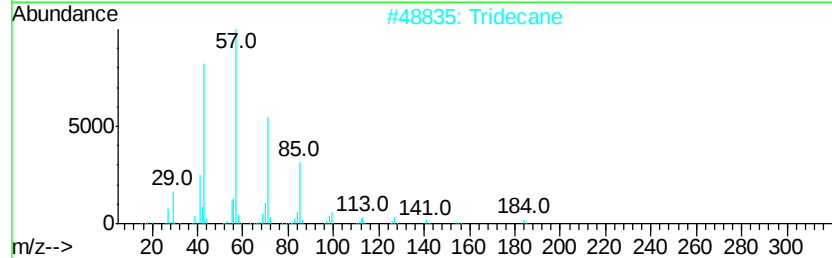
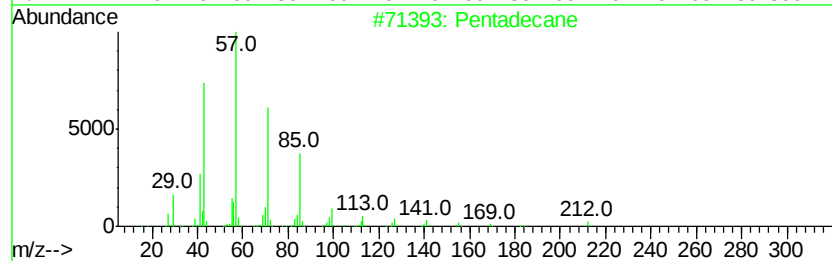
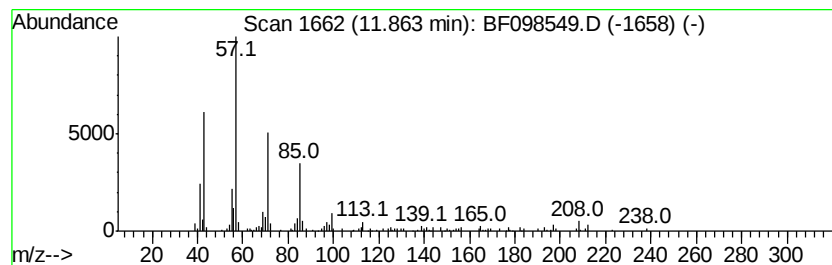
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pentadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	2.48 ng	137094	Phenanthrene-d10	11.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	89
2	Tridecane		184	C13H28	000629-50-5	81
3	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	80
4	Hexadecane		226	C16H34	000544-76-3	72
5	Heptadecane		240	C17H36	000629-78-7	72



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
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Acq On : 15 Sep 2017 1:11
Operator : SJ/JU
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Misc :
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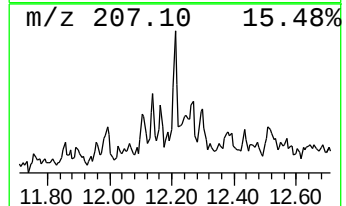
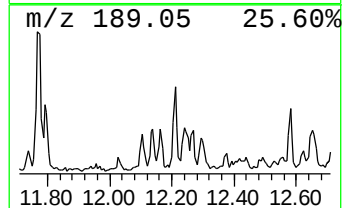
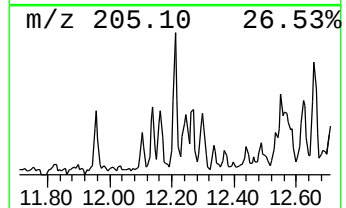
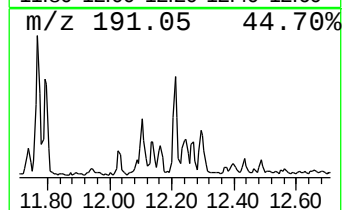
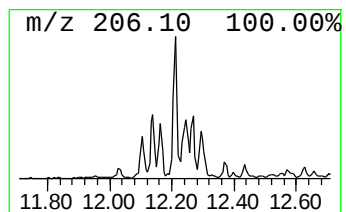
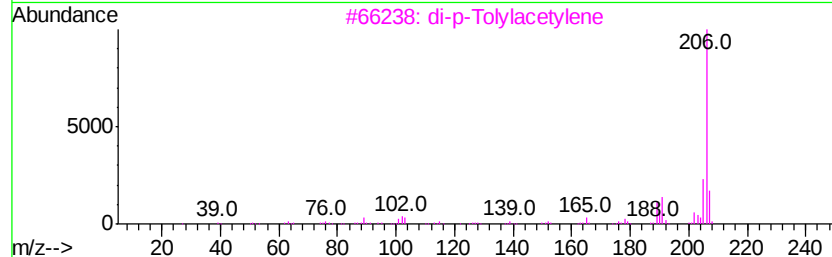
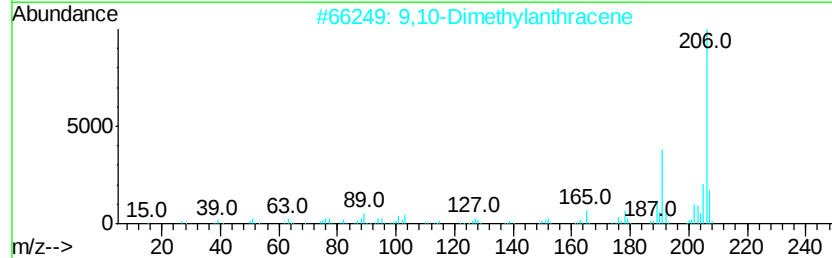
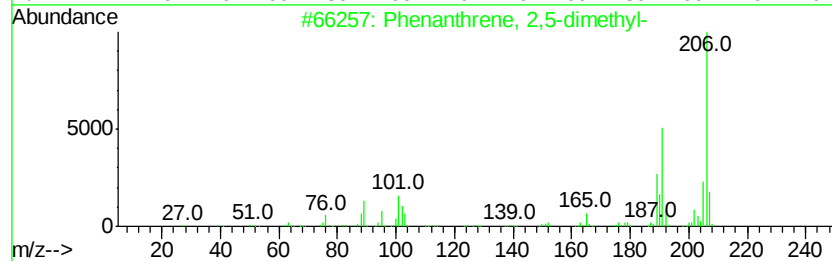
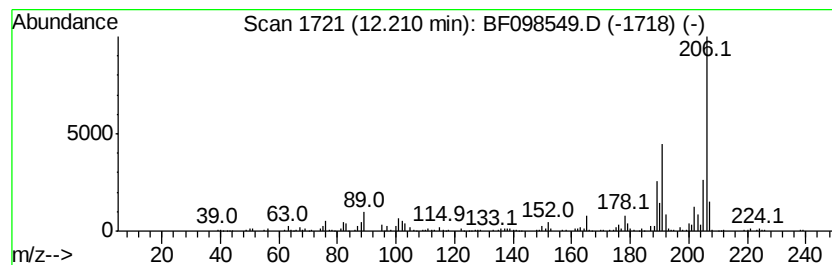
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	2.78 ng	153649	Phenanthrene-d10	11.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2			9,10-Dimethylantracene	206	C16H14	000781-43-1	91
3			di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
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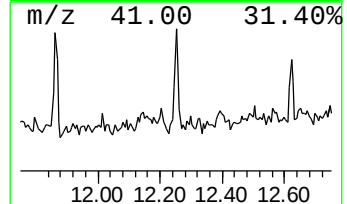
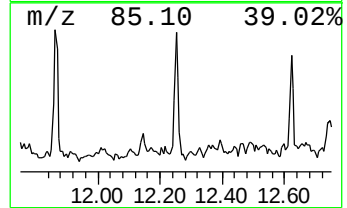
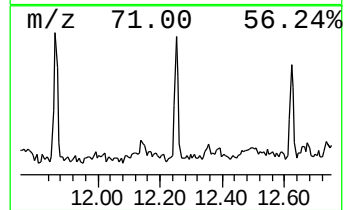
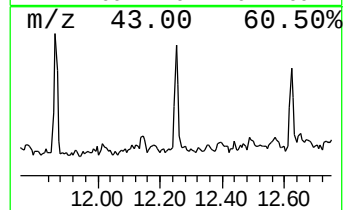
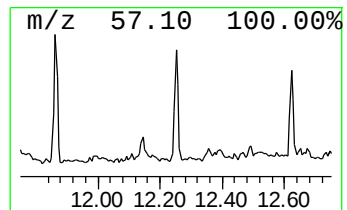
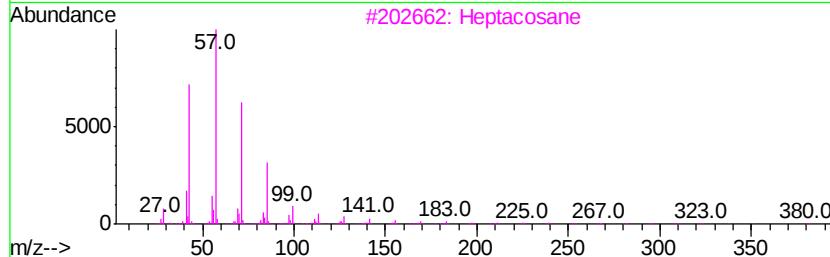
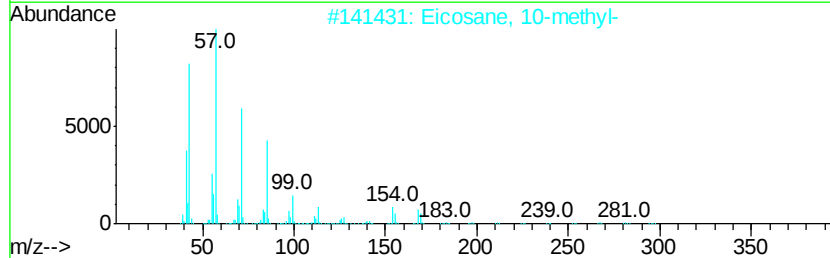
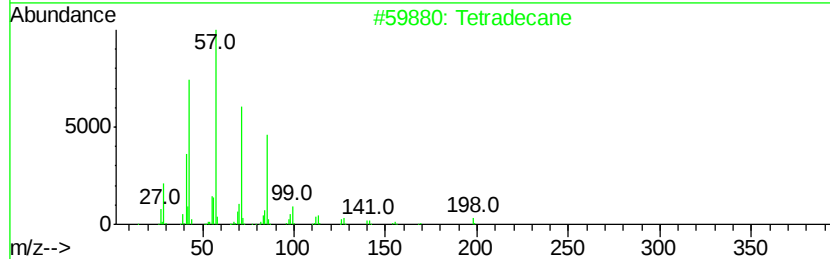
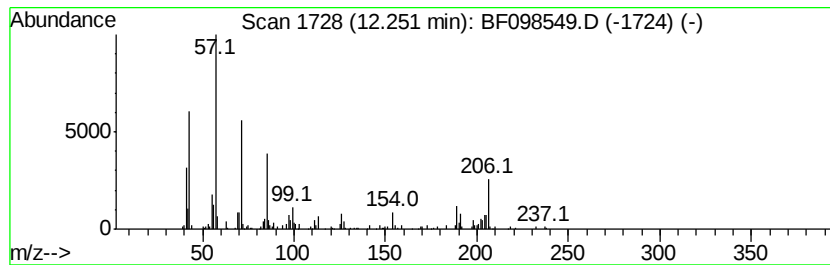
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	3.90 ng	215816	Phenanthrene-d10	11.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	89
2		Eicosane, 10-methyl-	296	C21H44	054833-23-7	62
3		Heptacosane	380	C27H56	000593-49-7	58
4		Octacosane	394	C28H58	000630-02-4	58
5		Pentadecane	212	C15H32	000629-62-9	58



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
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Misc :
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ClientSampleId :
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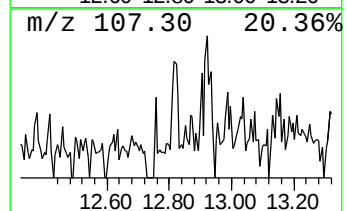
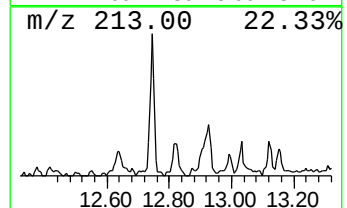
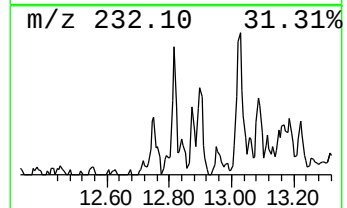
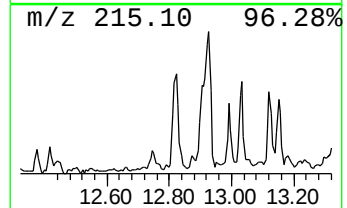
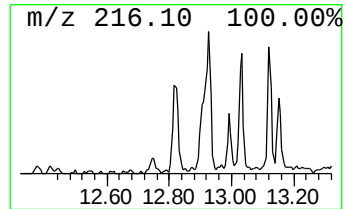
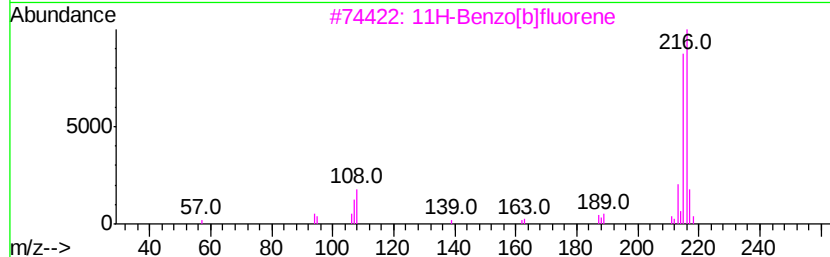
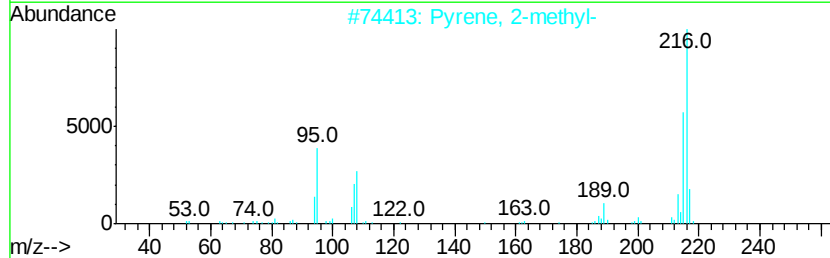
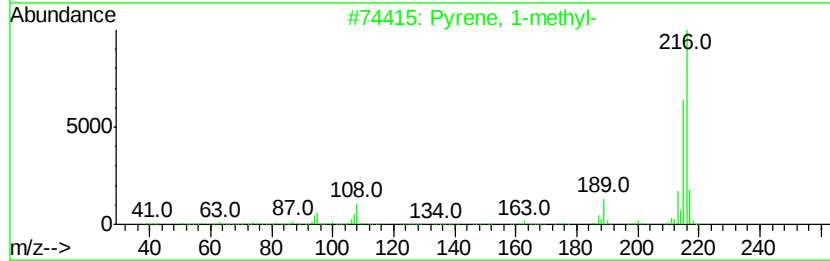
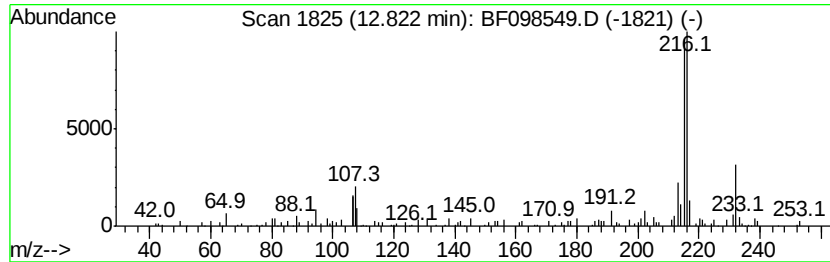
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	2.04 ng	117137	Chrysene-d12	13.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	78
2		Pyrene, 2-methyl-	216	C17H12	003442-78-2	58
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	49
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	49
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	47



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
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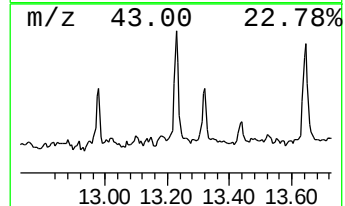
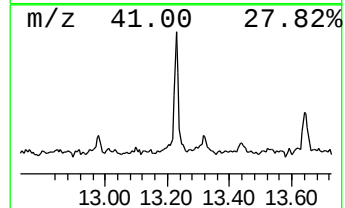
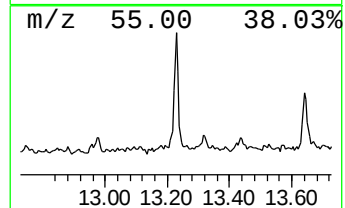
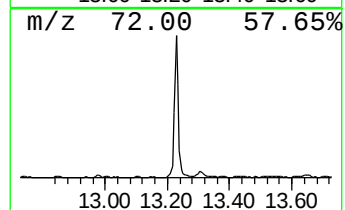
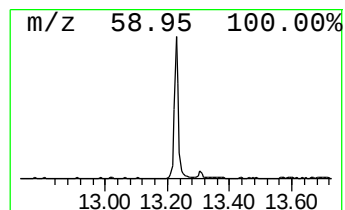
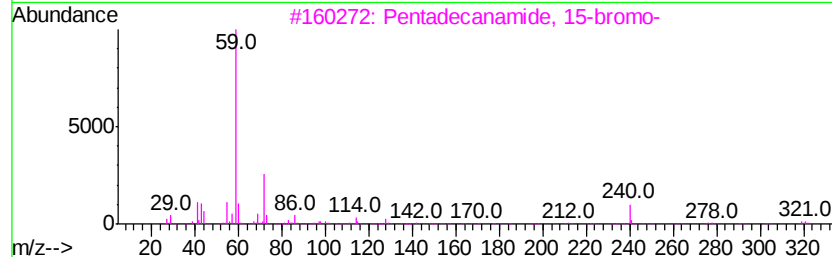
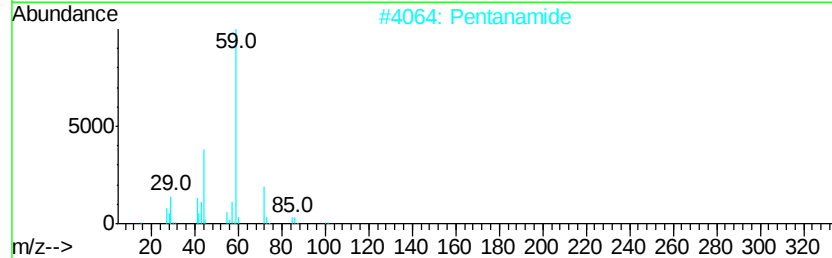
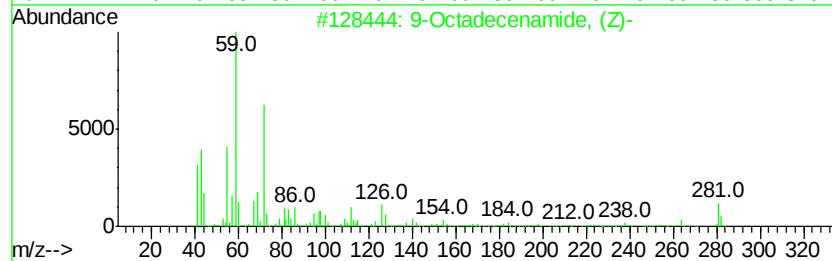
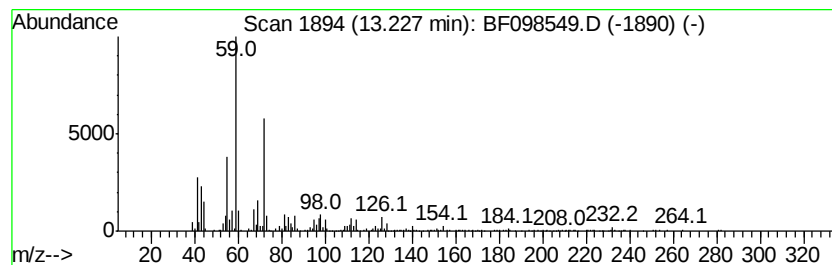
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	7.81 ng	448575	Chrysene-d12	13.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	94
2		Pentanamide	101	C5H11NO	000626-97-1	64
3		Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	59
4		Octanamide	143	C8H17NO	000629-01-6	59
5		Nonanamide	157	C9H19NO	001120-07-6	53



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098549.D
Acq On : 15 Sep 2017 1:11
Operator : SJ/JU
Sample : I5160-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G-8A-2

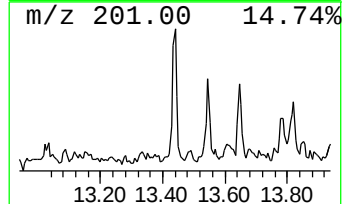
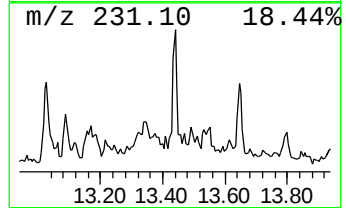
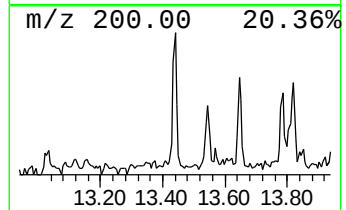
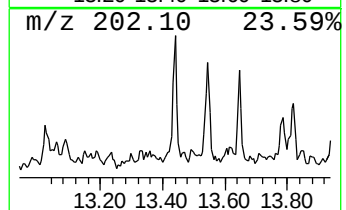
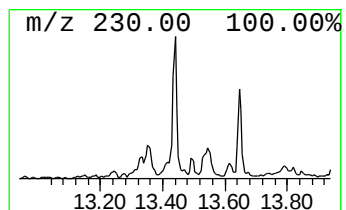
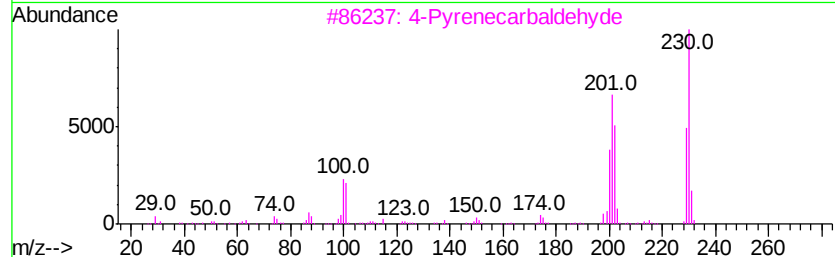
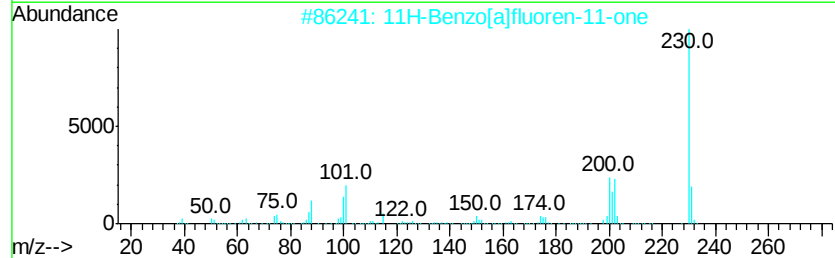
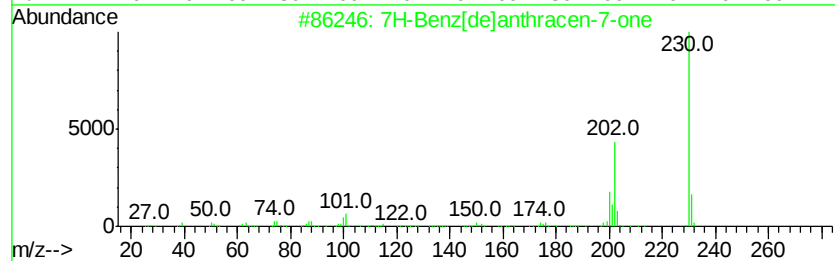
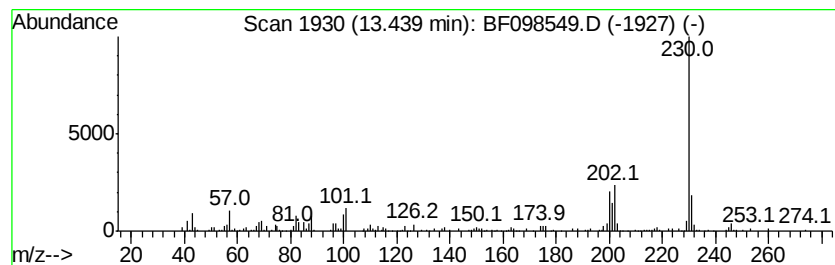
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 7H-Benz[de]anthracen-7-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	2.37 ng	136230	Chrysene-d12	13.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	95
2		11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
3		4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	83
4		1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
5		6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	59



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098549.D
Acq On : 15 Sep 2017 1:11
Operator : SJ/JU
Sample : I5160-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

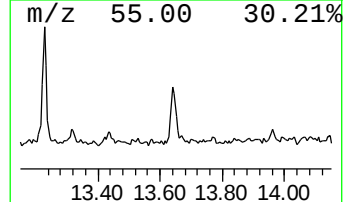
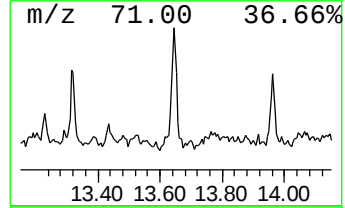
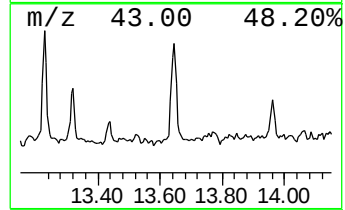
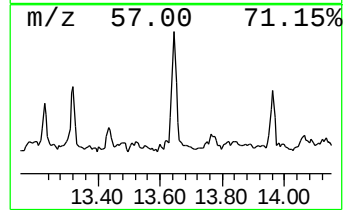
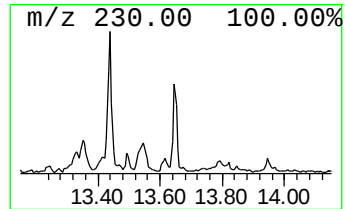
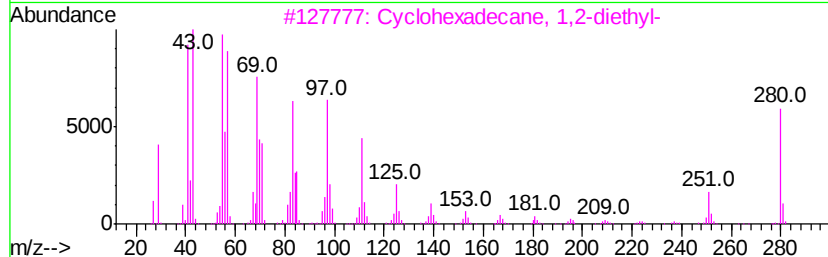
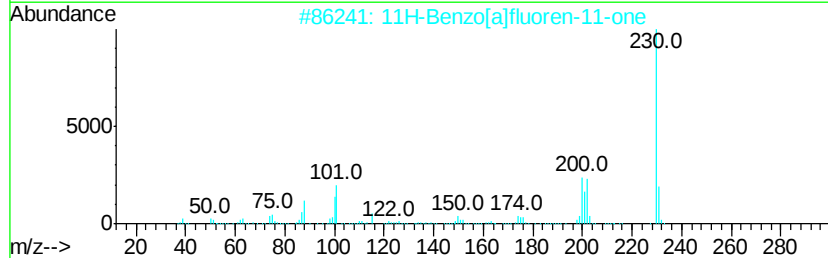
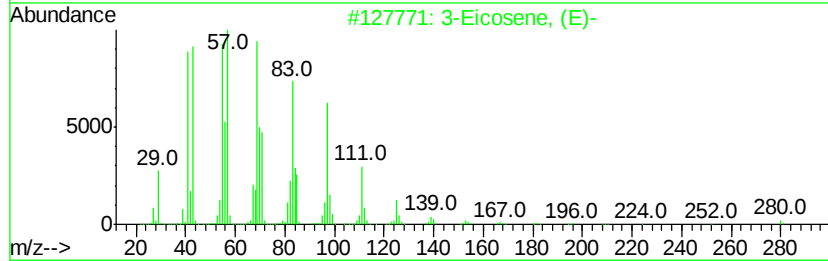
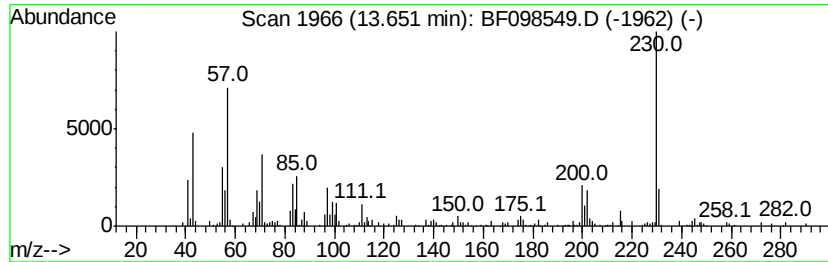
Instrument :
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ClientSampleId :
G-8A-2

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 3-Eicosene, (E)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.65	3.85 ng	221115	Chrysene-d12	13.79	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	90
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	90
3	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	59
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	55
5	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	30



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098549.D
Acq On : 15 Sep 2017 1:11
Operator : SJ/JU
Sample : I5160-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G-8A-2

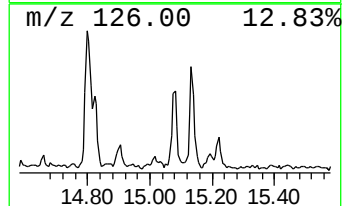
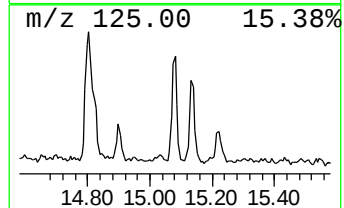
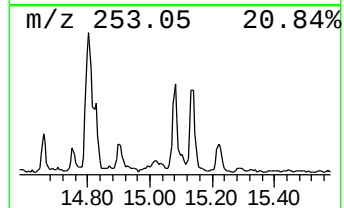
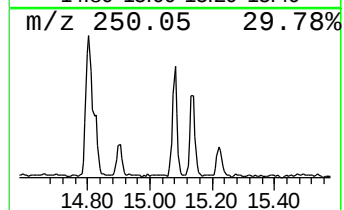
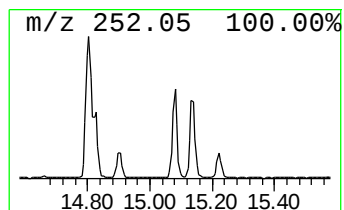
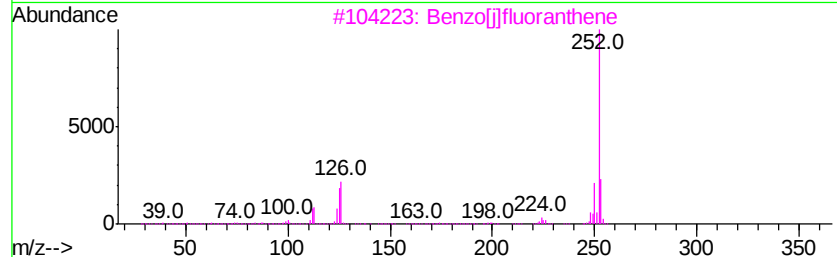
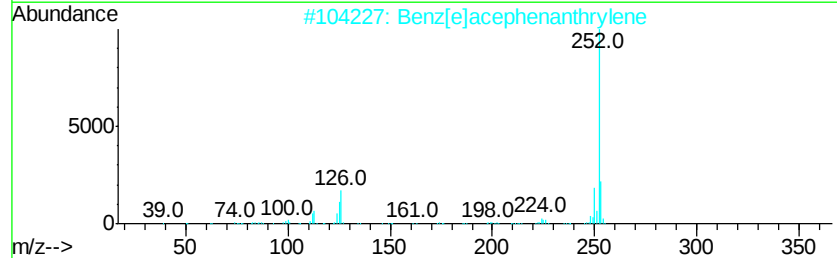
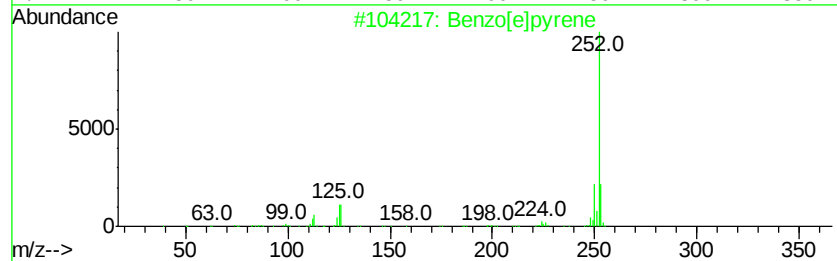
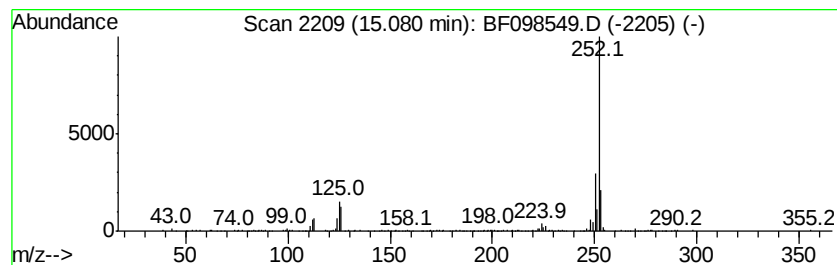
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	5.13 ng	273529	Perylene-d12	15.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	97
3		Benzo[i]fluoranthene	252	C20H12	000205-82-3	94
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5		Benzo[a]pyrene	252	C20H12	000050-32-8	90



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF091417\
 Data File : BF098549.D
 Acq On : 15 Sep 2017 1:11
 Operator : SJ/JU
 Sample : I5160-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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...	4.83	14.5	ng	676834	1	6.65	930831	20.0
unknown6.42	6.42	86.2	ng	4011900	1	6.65	930831	20.0
Decane	6.48	2.5	ng	114258	1	6.65	930831	20.0
Naphthalene, 1-me...	8.74	2.1	ng	139242	2	7.93	1302720	20.0
Naphthalene, 2,3-...	9.34	2.7	ng	175031	3	9.68	1317490	20.0
Decane, 2-methyl-	10.60	6.7	ng	372207	4	11.16	1105500	20.0
Undecane, 2-methyl-	11.03	2.6	ng	142135	4	11.16	1105500	20.0
Tridecane	11.46	2.5	ng	138935	4	11.16	1105500	20.0
Phenanthrene, 1-m...	11.66	2.1	ng	118982	4	11.16	1105500	20.0
Anthracene, 2-met...	11.69	4.0	ng	218643	4	11.16	1105500	20.0
Phenanthrene, 2-m...	11.77	3.2	ng	176229	4	11.16	1105500	20.0
Pentadecane	11.86	2.5	ng	137094	4	11.16	1105500	20.0
Phenanthrene, 2,5...	12.21	2.8	ng	153649	4	11.16	1105500	20.0
Tetradecane	12.25	3.9	ng	215816	4	11.16	1105500	20.0
Pyrene, 1-methyl-	12.82	2.0	ng	117137	5	13.79	1148860	20.0
9-Octadecenamide, ...	13.23	7.8	ng	448575	5	13.79	1148860	20.0
7H-Benz[de]anthra...	13.44	2.4	ng	136230	5	13.79	1148860	20.0
3-Eicosene, (E)-	13.65	3.9	ng	221115	5	13.79	1148860	20.0
Benzo[e]pyrene	15.08	5.1	ng	273529	6	15.19	1067310	20.0