

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
 Data File : BF098124.D
 Acq On : 29 Aug 2017 21:29
 Operator : SJ/JU
 Sample : I4994-04 20X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-082517-B

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.328	548	551	562	rVB	148818	148440	14.14%	0.832%
2	6.357	723	726	735	rBV	175004	173621	16.54%	0.973%
3	6.492	746	749	754	rBV	184054	171037	16.29%	0.958%
4	6.734	786	790	793	rBV	798524	739588	70.45%	4.143%
5	6.887	812	816	825	rVB	153747	135629	12.92%	0.760%
6	7.292	877	885	890	rBV	100281	104245	9.93%	0.584%
7	8.016	1003	1008	1011	rBV	1142436	994920	94.77%	5.574%
8	8.039	1011	1012	1015	rVB	131547	66366	6.32%	0.372%
9	8.728	1126	1129	1136	rVB	170722	145880	13.90%	0.817%
10	8.828	1140	1146	1154	rBV	151900	135280	12.89%	0.758%
11	9.092	1187	1191	1197	rBV	227841	196940	18.76%	1.103%
12	9.192	1201	1208	1213	rVV2	29845	34112	3.25%	0.191%
13	9.357	1231	1236	1240	rVV	80857	108754	10.36%	0.609%
14	9.428	1244	1248	1250	rVV	143595	132463	12.62%	0.742%
15	9.451	1250	1252	1255	rVV	81286	78621	7.49%	0.440%
16	9.492	1255	1259	1262	rVV2	44320	51598	4.91%	0.289%
17	9.545	1265	1268	1274	rVV	67900	74158	7.06%	0.415%
18	9.628	1278	1282	1288	rVB	149988	120566	11.48%	0.675%
19	9.769	1299	1306	1309	rBV	1097409	961600	91.60%	5.387%
20	9.798	1309	1311	1315	rVB	114150	98936	9.42%	0.554%
21	9.875	1321	1324	1328	rBV2	21965	25226	2.40%	0.141%
22	9.969	1337	1340	1344	rVV	143266	143721	13.69%	0.805%
23	10.010	1344	1347	1351	rVV	48105	43832	4.18%	0.246%
24	10.086	1355	1360	1362	rBV2	43545	50619	4.82%	0.284%
25	10.110	1362	1364	1367	rVV	28508	24607	2.34%	0.138%
26	10.175	1371	1375	1377	rBV2	32742	43892	4.18%	0.246%
27	10.204	1377	1380	1381	rVV3	28266	31895	3.04%	0.179%
28	10.269	1385	1391	1392	rBV3	20108	25823	2.46%	0.145%
29	10.316	1395	1399	1405	rVB	316572	303975	28.96%	1.703%
30	10.380	1405	1410	1412	rBV	33451	46922	4.47%	0.263%
31	10.428	1415	1418	1420	rVV2	29264	30361	2.89%	0.170%
32	10.469	1423	1425	1429	rVB	45606	44907	4.28%	0.252%
33	10.551	1434	1439	1444	rVV2	127472	158039	15.05%	0.885%
34	10.680	1457	1461	1468	rVB3	54425	68505	6.53%	0.384%

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35	10.863	1486	1492	1494	rBV2	83066	101090	9.63%	0.566%
36	10.886	1494	1496	1500	rVV2	52844	54103	5.15%	0.303%
37	10.945	1502	1506	1509	rVV	43348	42354	4.03%	0.237%
38	10.992	1509	1514	1515	rVV2	22802	29951	2.85%	0.168%
39	11.010	1515	1517	1520	rVV2	28218	30550	2.91%	0.171%
40	11.057	1523	1525	1529	rVV3	24744	23425	2.23%	0.131%
41	11.098	1529	1532	1535	rVV2	24649	28890	2.75%	0.162%
42	11.122	1535	1536	1538	rVV2	33395	29101	2.77%	0.163%
43	11.145	1538	1540	1546	rVB	103756	94291	8.98%	0.528%
44	11.251	1554	1558	1560	rBV	959864	817492	77.87%	4.580%
45	11.275	1560	1562	1565	rVV	1257996	939092	89.45%	5.261%
46	11.327	1565	1571	1574	rVB	267717	246701	23.50%	1.382%
47	11.363	1574	1577	1580	rBV	35914	39920	3.80%	0.224%
48	11.480	1594	1597	1600	rBV	63209	56470	5.38%	0.316%
49	11.551	1606	1609	1612	rBV2	51409	52847	5.03%	0.296%
50	11.580	1612	1614	1617	rVB2	40680	34979	3.33%	0.196%
51	11.651	1622	1626	1633	rVB	432283	353518	33.67%	1.981%
52	11.751	1639	1643	1645	rVV	176264	153032	14.58%	0.857%
53	11.780	1645	1648	1652	rVB	215461	183831	17.51%	1.030%
54	11.827	1652	1656	1658	rBV	77336	71393	6.80%	0.400%
55	11.863	1658	1662	1664	rVV	296457	294193	28.02%	1.648%
56	11.886	1664	1666	1671	rVB	118746	100599	9.58%	0.564%
57	12.045	1690	1693	1696	rVV	90268	87601	8.34%	0.491%
58	12.198	1717	1719	1721	rVV2	28562	24429	2.33%	0.137%
59	12.227	1721	1724	1726	rVV	38233	34420	3.28%	0.193%
60	12.251	1726	1728	1730	rVB2	28834	22675	2.16%	0.127%
61	12.298	1732	1736	1739	rBV	94191	103095	9.82%	0.578%
62	12.333	1739	1742	1744	rVV	1020161	936907	89.24%	5.249%
63	12.357	1744	1746	1749	rVV	871732	728756	69.42%	4.083%
64	12.380	1749	1750	1756	rVV3	76850	77927	7.42%	0.437%
65	12.463	1758	1764	1767	rVV	852257	889762	84.75%	4.985%
66	12.521	1769	1774	1777	rBV2	27893	49512	4.72%	0.277%
67	12.551	1777	1779	1782	rVB	49597	46946	4.47%	0.263%
68	12.610	1782	1789	1793	rBV4	36491	65095	6.20%	0.365%
69	12.686	1796	1802	1805	rBV	698978	795986	75.82%	4.459%
70	12.710	1805	1806	1809	rVB2	47637	32340	3.08%	0.181%
71	12.739	1809	1811	1816	rVB3	36887	50850	4.84%	0.285%

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72	12.810	1819	1823	1824	rBV	46126	41056	3.91%	0.230%
73	12.833	1824	1827	1834	rVB2	170878	185774	17.70%	1.041%
74	12.904	1834	1839	1843	rBV3	70129	117110	11.16%	0.656%
75	12.992	1851	1854	1855	rBV3	56070	57102	5.44%	0.320%
76	13.016	1855	1858	1861	rVB	177729	161628	15.40%	0.905%
77	13.080	1866	1869	1872	rVB	156176	147931	14.09%	0.829%
78	13.121	1872	1876	1879	rBV2	86632	83532	7.96%	0.468%
79	13.210	1889	1891	1894	rVB	58360	48100	4.58%	0.269%
80	13.245	1894	1897	1900	rBV	61413	66456	6.33%	0.372%
81	13.416	1920	1926	1928	rBV6	38861	59769	5.69%	0.335%
82	13.498	1937	1940	1943	rBV4	31255	42413	4.04%	0.238%
83	13.633	1958	1963	1966	rBV2	51723	77532	7.39%	0.434%
84	13.663	1966	1968	1970	rVB	56199	37804	3.60%	0.212%
85	13.686	1970	1972	1973	rBV	35699	26584	2.53%	0.149%
86	13.733	1978	1980	1983	rVB3	24446	26727	2.55%	0.150%
87	13.886	2000	2006	2008	rBV2	842046	1049818	100.00%	5.881%
88	13.910	2008	2010	2016	rVB	344581	296452	28.24%	1.661%
89	13.986	2021	2023	2026	rVB	39640	28545	2.72%	0.160%
90	14.027	2027	2030	2032	rBV	35504	35151	3.35%	0.197%
91	14.268	2069	2071	2074	rVV	79907	72616	6.92%	0.407%
92	14.304	2075	2077	2080	rVB2	44337	35965	3.43%	0.201%
93	14.363	2085	2087	2090	rVV2	67733	62508	5.95%	0.350%
94	14.392	2090	2092	2094	rVV2	55703	54461	5.19%	0.305%
95	14.415	2094	2096	2100	rVB3	55192	48450	4.62%	0.271%
96	14.898	2174	2178	2185	rBV	223289	439798	41.89%	2.464%
97	15.186	2223	2227	2233	rVB	123486	160935	15.33%	0.902%
98	15.245	2233	2237	2242	rBV	206858	254293	24.22%	1.425%
99	15.304	2242	2247	2250	rBV	462084	556870	53.04%	3.120%
100	16.674	2476	2480	2489	rVB3	67494	135062	12.87%	0.757%

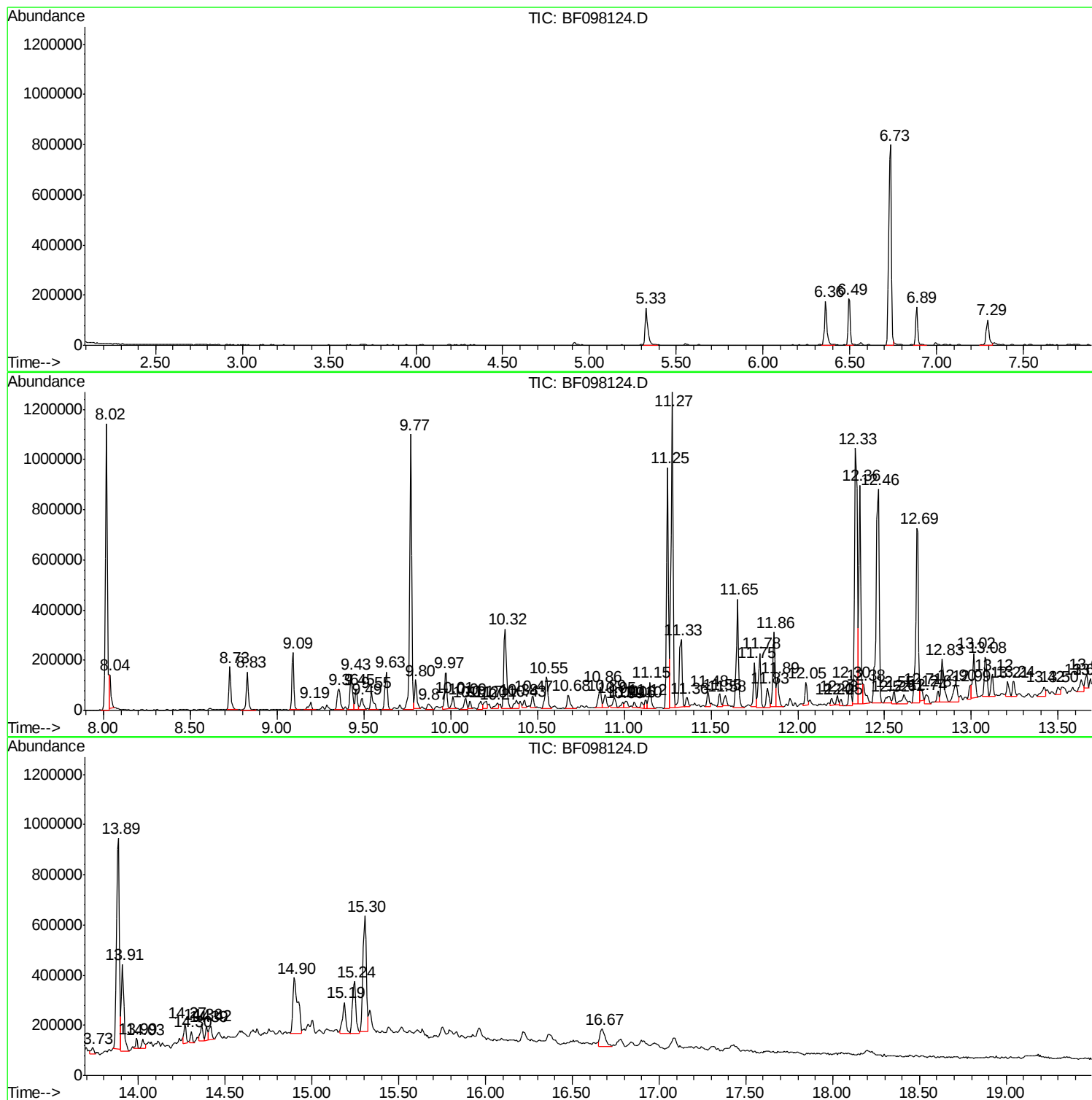
Sum of corrected areas: 17849643

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.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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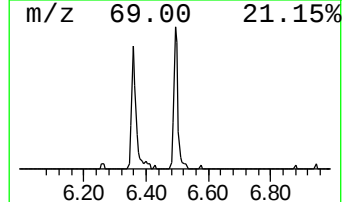
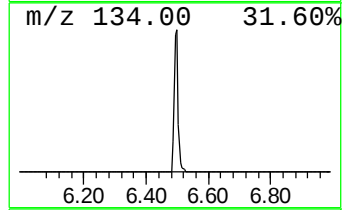
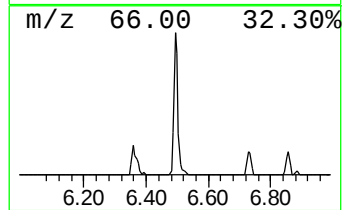
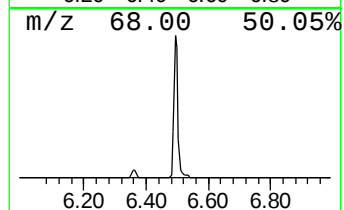
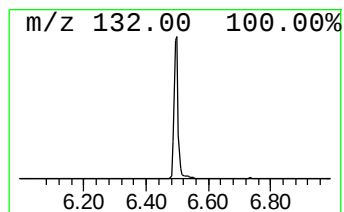
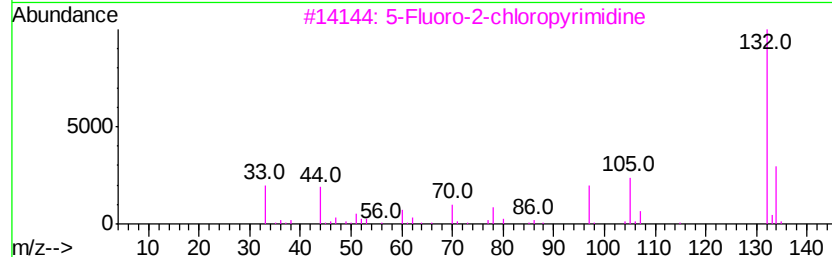
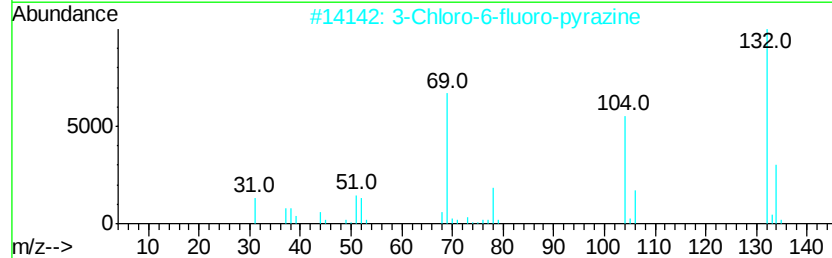
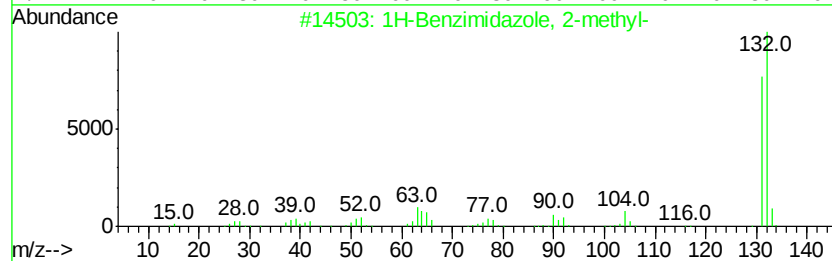
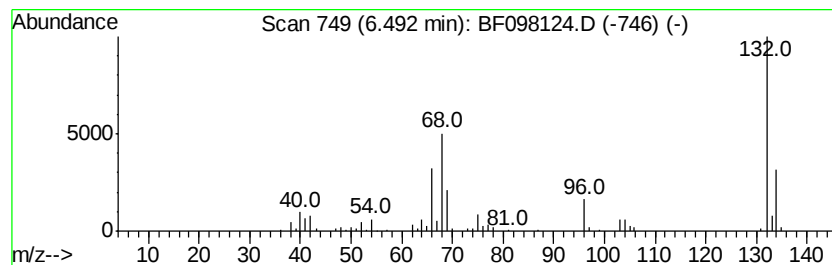
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.49 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	4.63 ng	171037	1,4-Dichlorobenzene-d4	6.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4			5-Aminoindole	132	C8H8N2	005192-03-0	10
5			Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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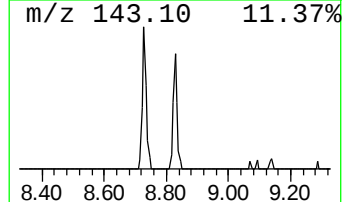
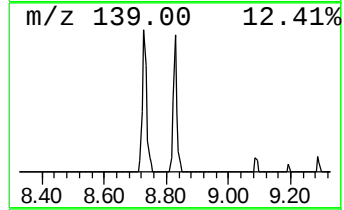
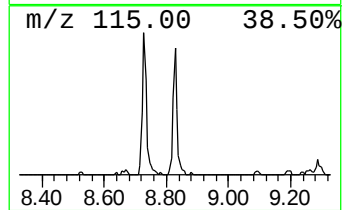
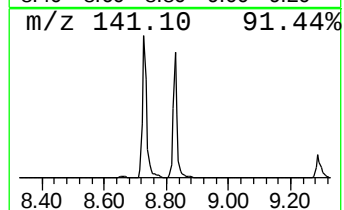
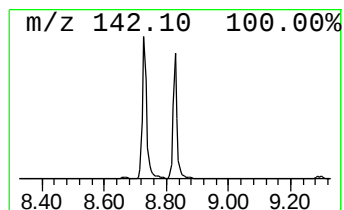
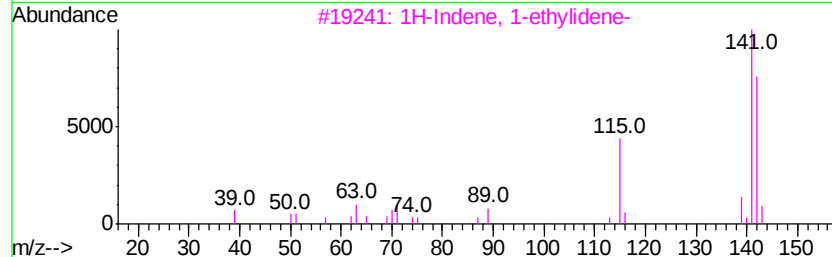
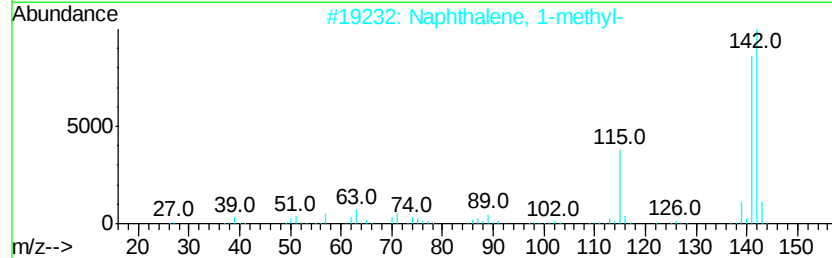
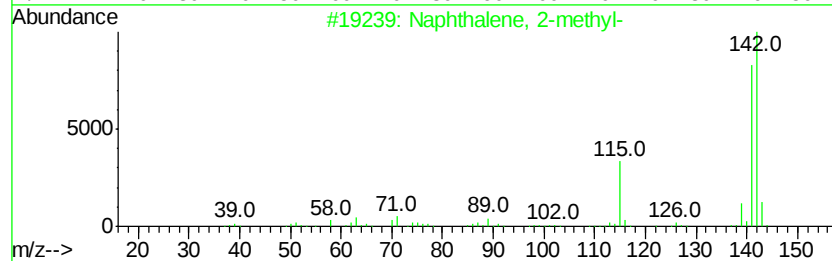
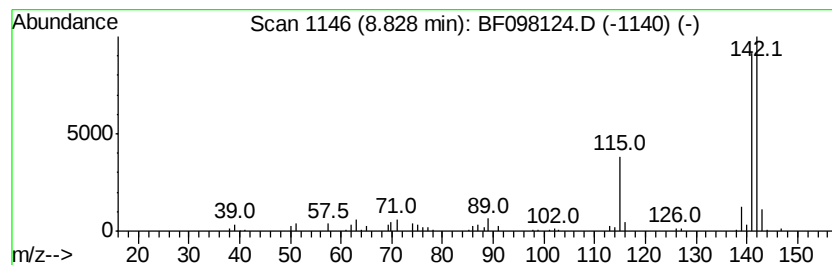
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Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	2.72 ng	135280	Naphthalene-d8	8.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	95
4			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5			Benzocycloheptatriene	142	C11H10	000264-09-5	91



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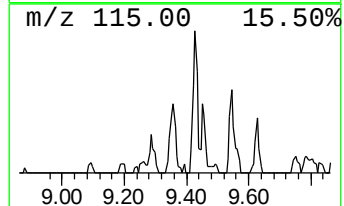
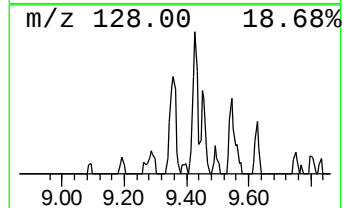
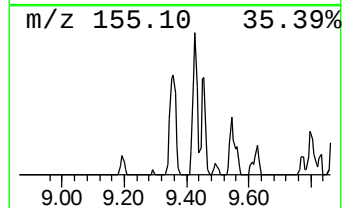
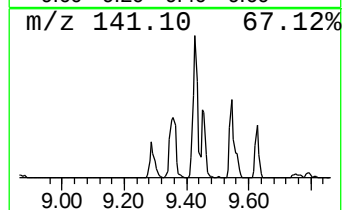
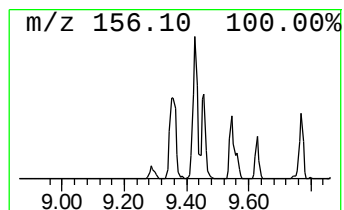
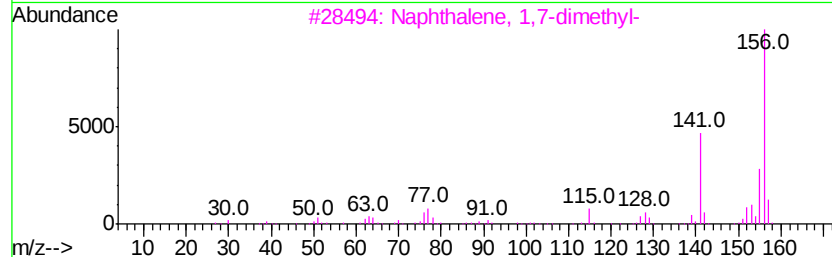
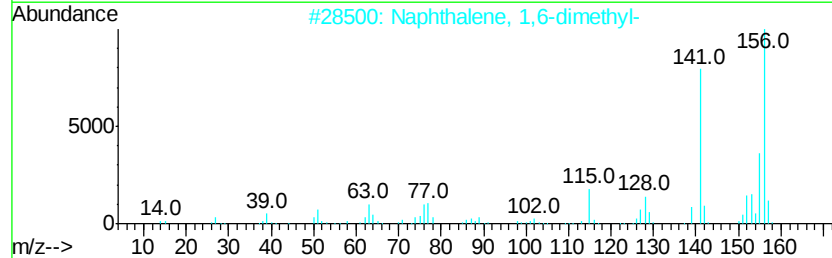
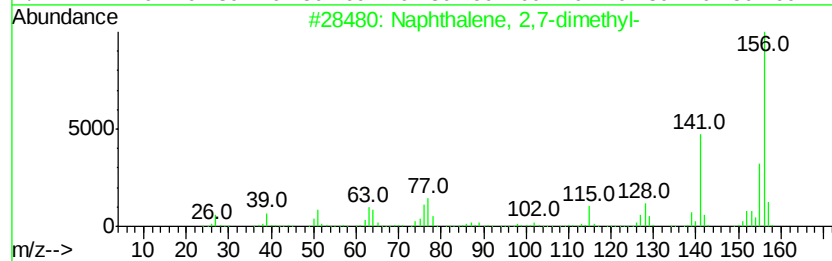
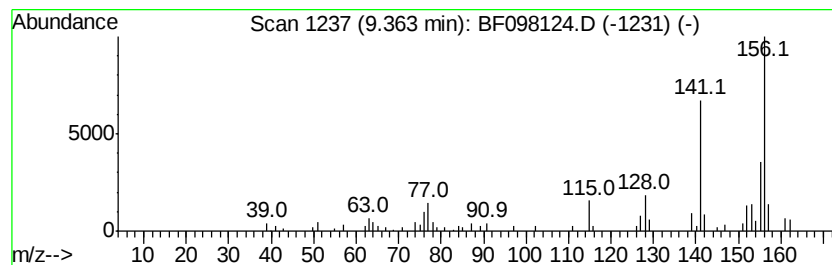
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Peak Number 4 Naphthalene, 2,7-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	2.26 ng	108754	Acenaphthene-d10	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95



Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
Data File : BF098124.D
Acq On : 29 Aug 2017 21:29
Operator : SJ/JU
Sample : I4994-04 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-082517-B

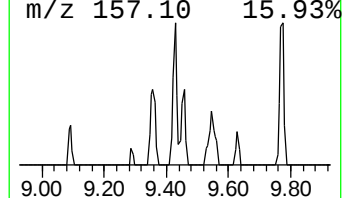
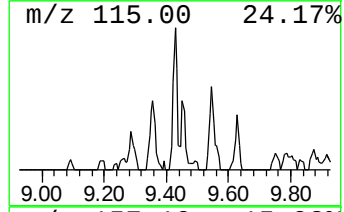
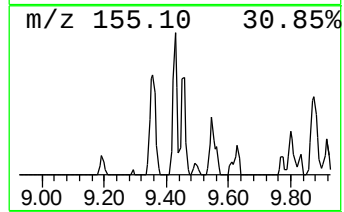
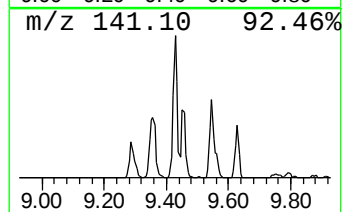
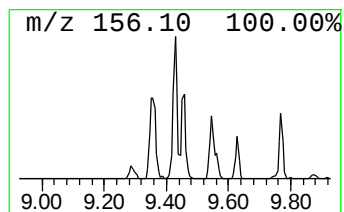
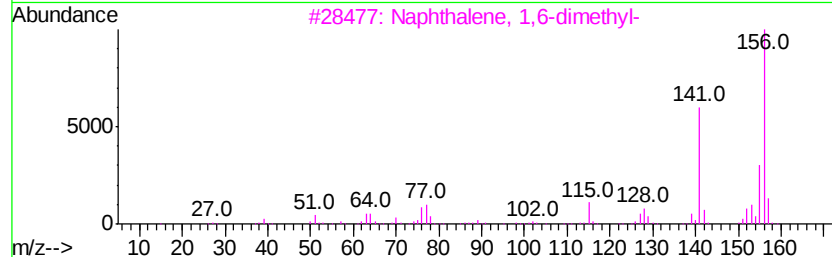
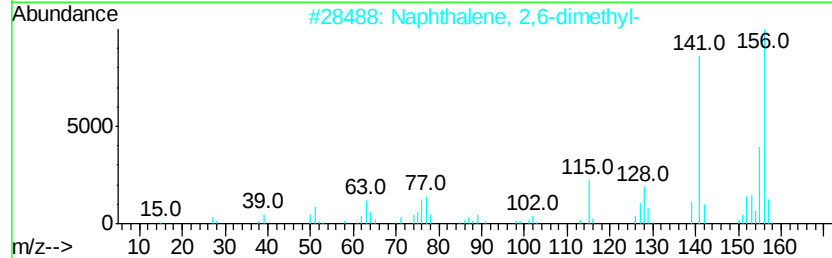
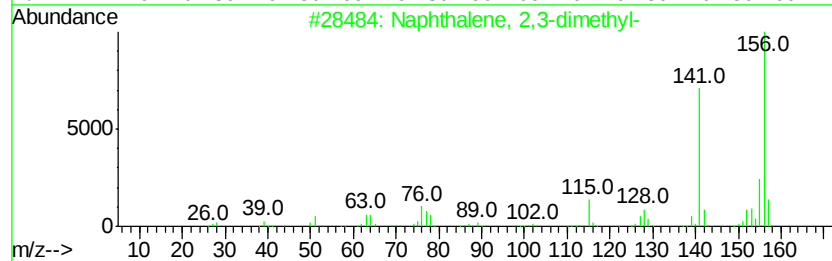
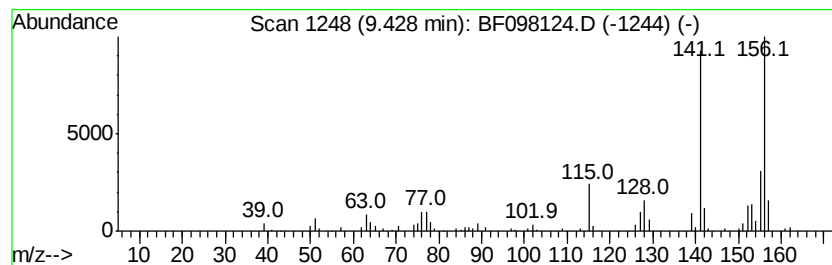
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	2.76 ng	132463	Acenaphthene-d10	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
Data File : BF098124.D
Acq On : 29 Aug 2017 21:29
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Sample : I4994-04 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-01-082517-B

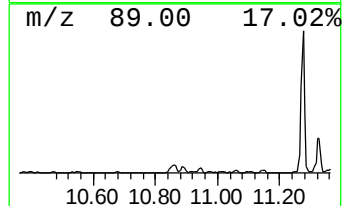
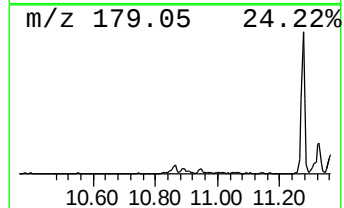
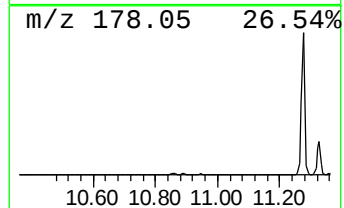
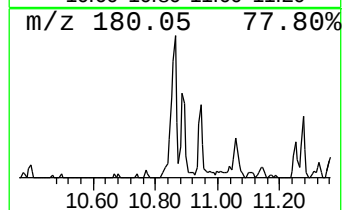
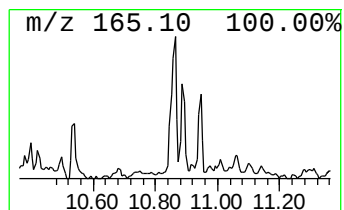
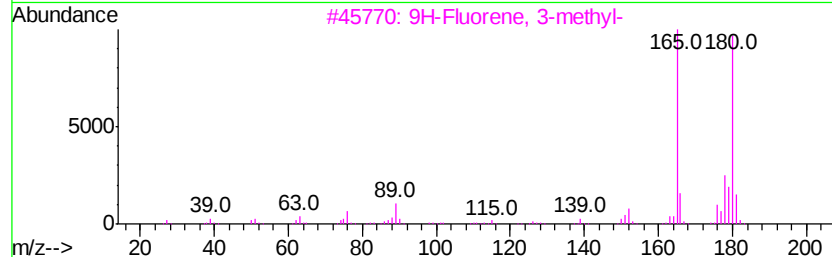
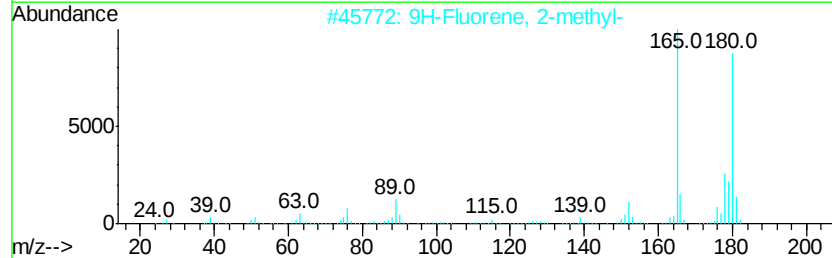
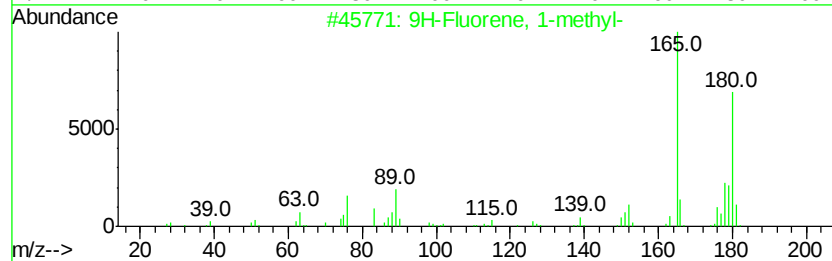
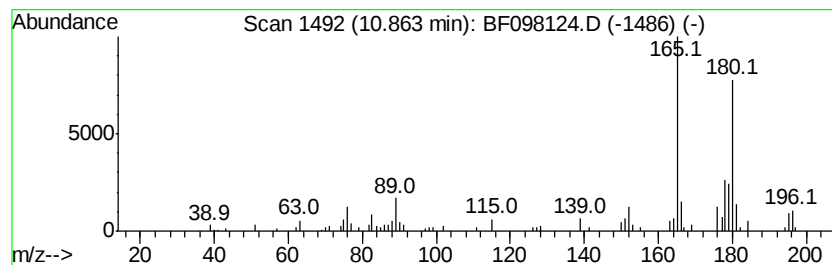
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 9H-Fluorene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	2.47 ng	101090	Phenanthrene-d10	11.25

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	97	
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96	
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95	
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	89	
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	89	



Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
Data File : BF098124.D
Acq On : 29 Aug 2017 21:29
Operator : SJ/JU
Sample : I4994-04 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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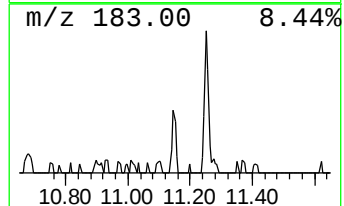
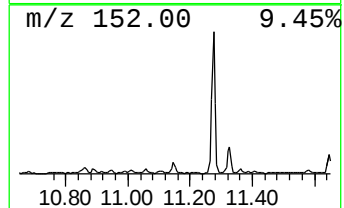
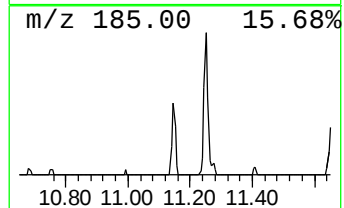
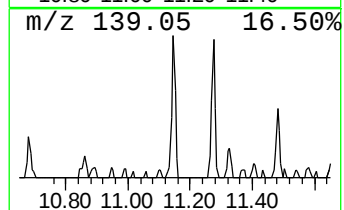
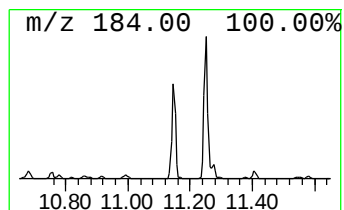
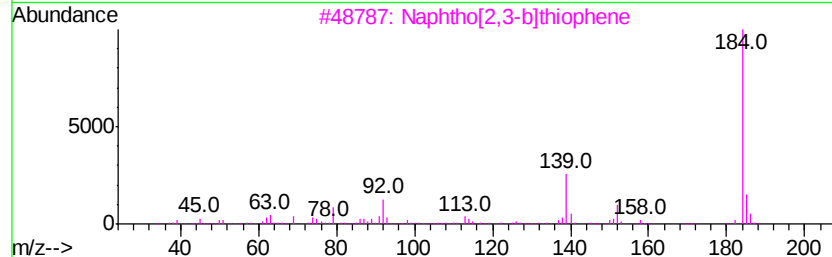
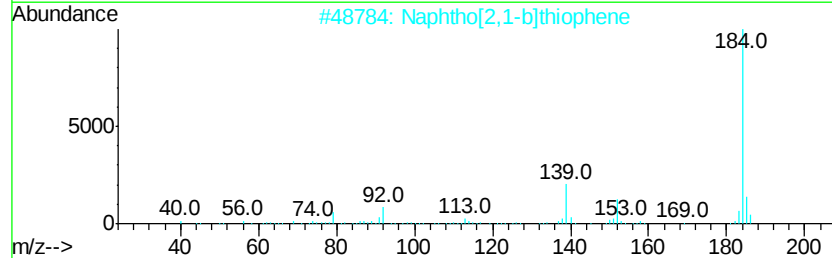
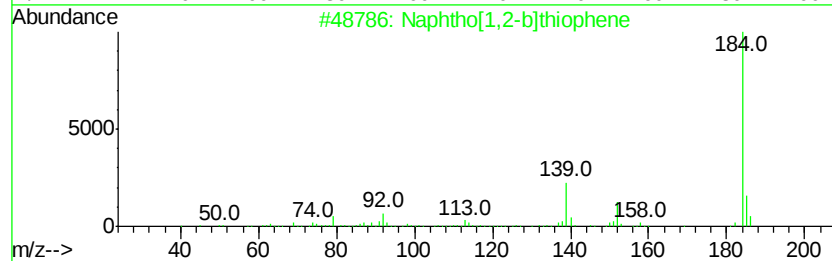
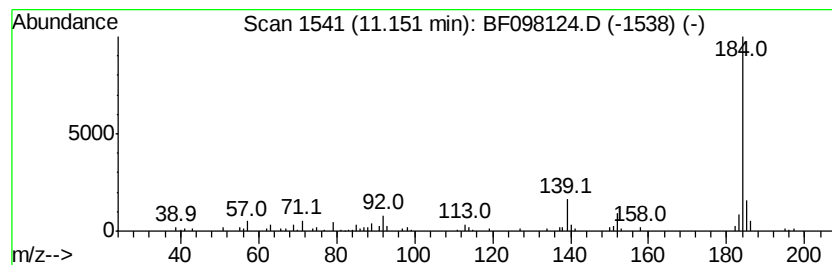
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphtho[1,2-b]thiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	2.31 ng	94291	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	97
2		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
3		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	97
4		Dibenzothiophene	184	C12H8S	000132-65-0	96
5		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
Data File : BF098124.D
Acq On : 29 Aug 2017 21:29
Operator : SJ/JU
Sample : I4994-04 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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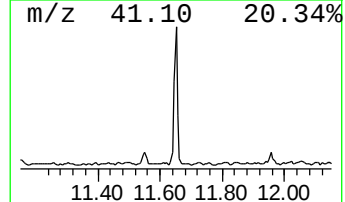
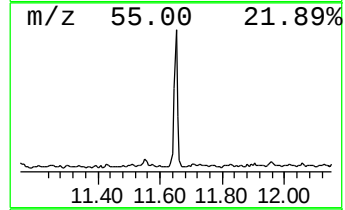
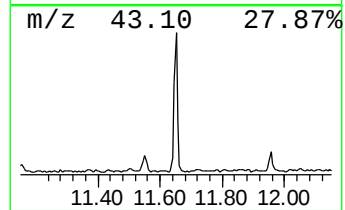
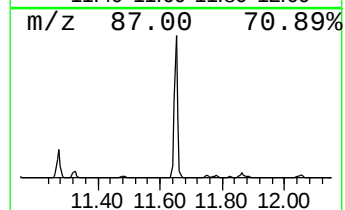
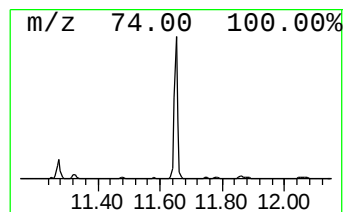
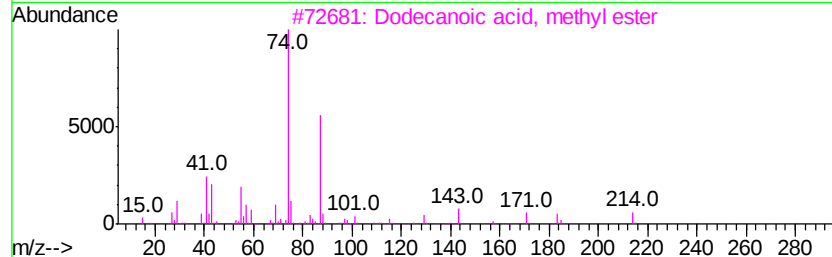
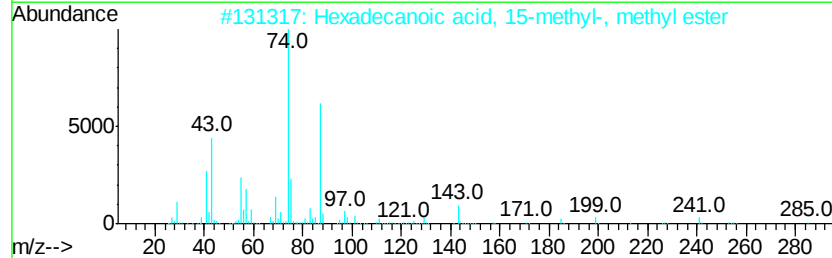
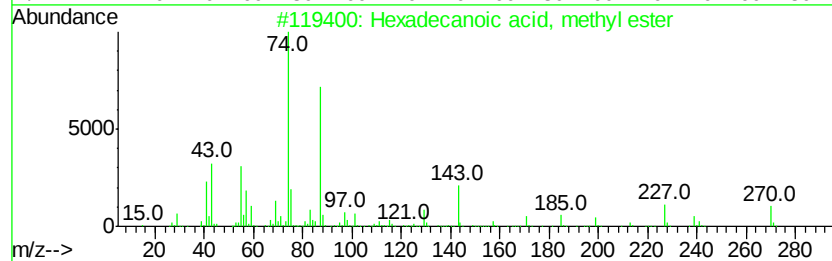
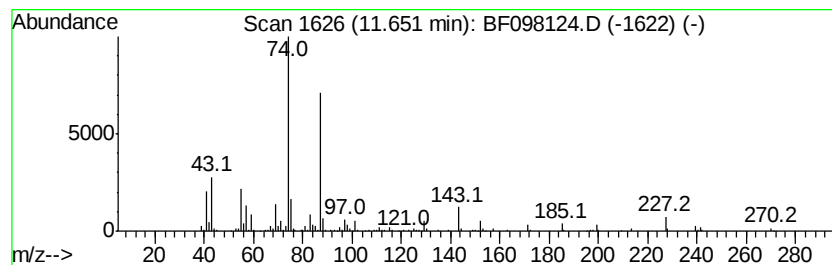
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	8.65 ng	353518	Phenanthrene-d10	11.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2			Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	87
3			Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	87
4			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	87
5			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082917\
Data File : BF098124.D
Acq On : 29 Aug 2017 21:29
Operator : SJ/JU
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ClientSampleId :
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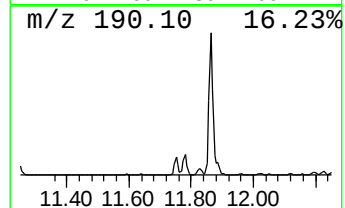
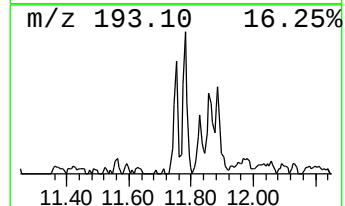
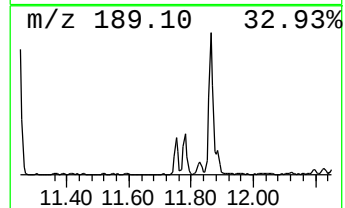
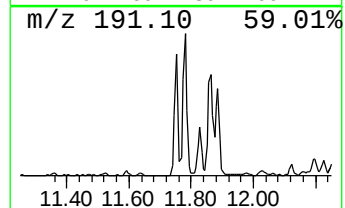
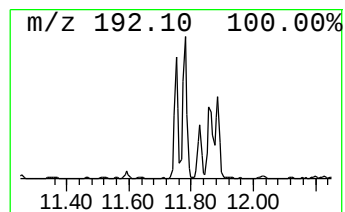
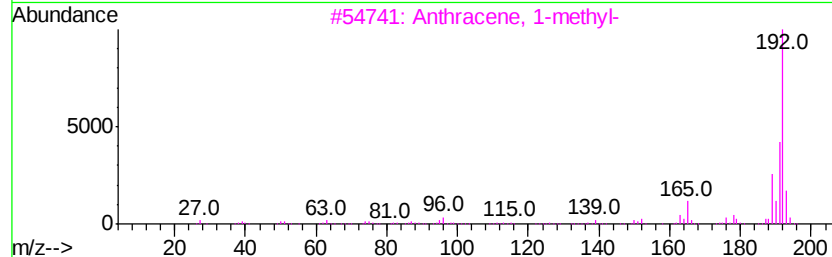
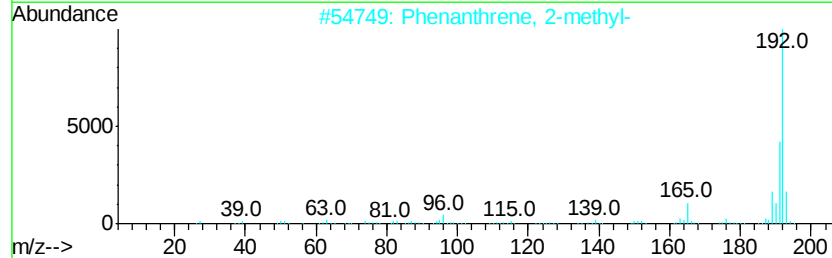
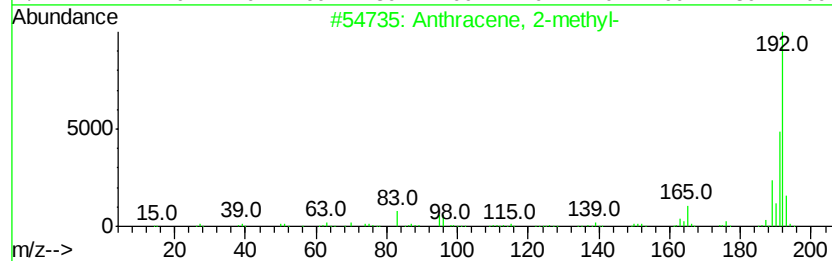
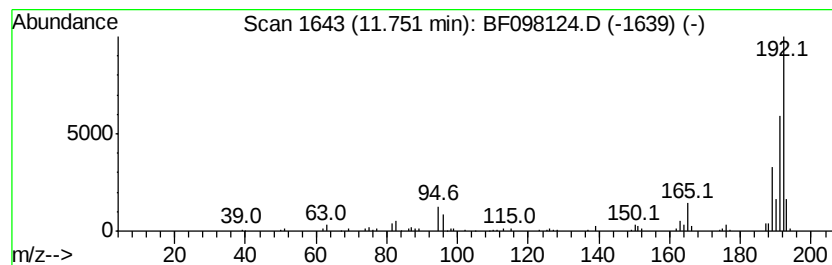
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	3.74 ng	153032	Phenanthrene-d10	11.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4			1H-Cyclopropa[1,1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	94
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	94



Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
Data File : BF098124.D
Acq On : 29 Aug 2017 21:29
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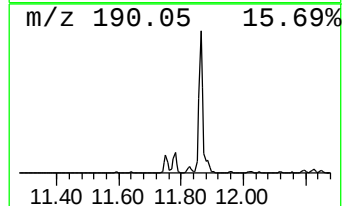
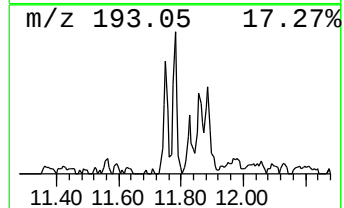
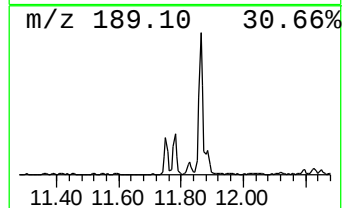
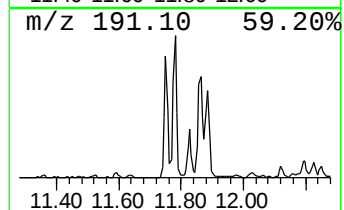
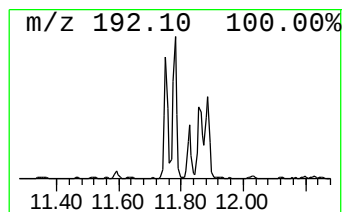
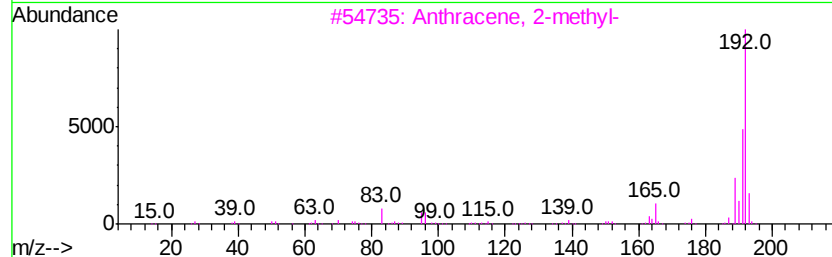
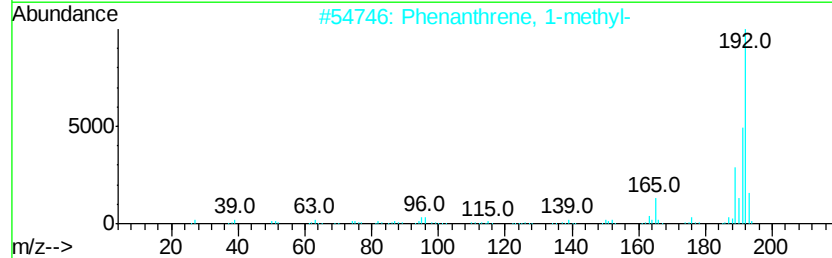
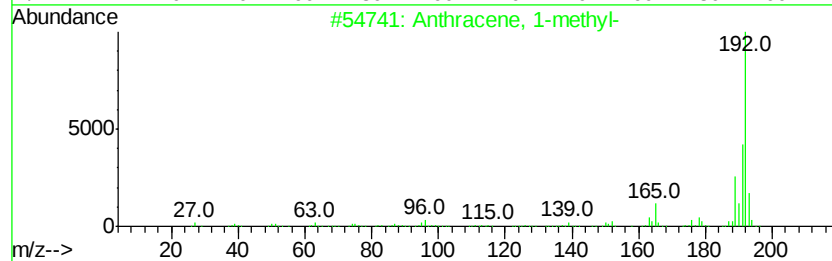
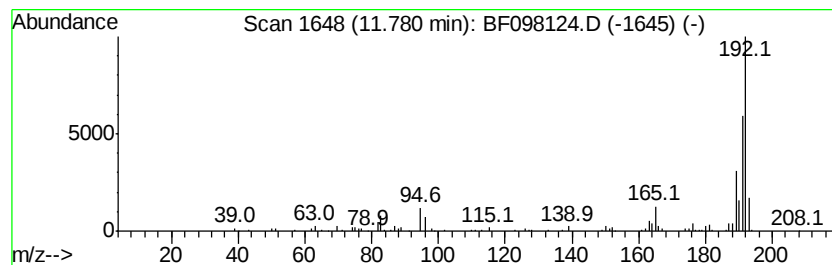
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Anthracene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	4.50 ng	183831	Phenanthrene-d10	11.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	90



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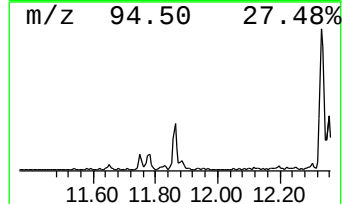
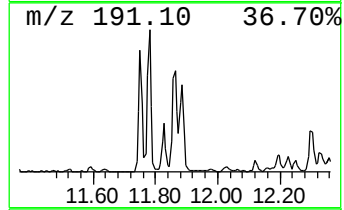
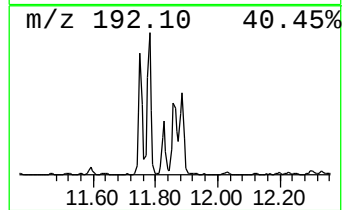
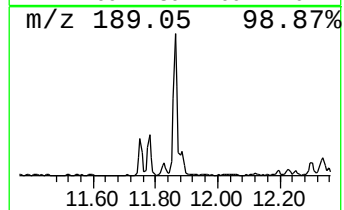
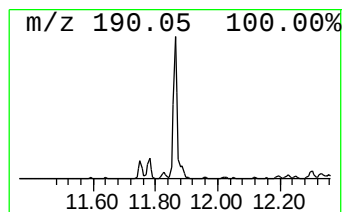
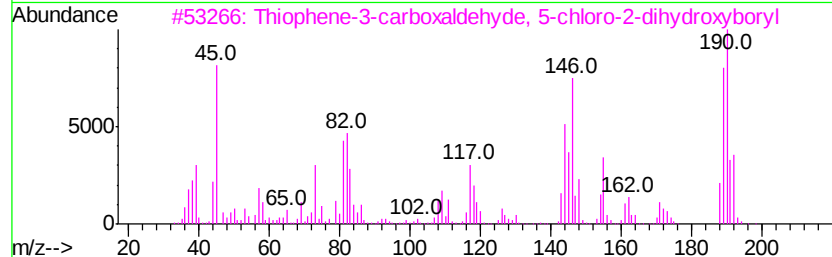
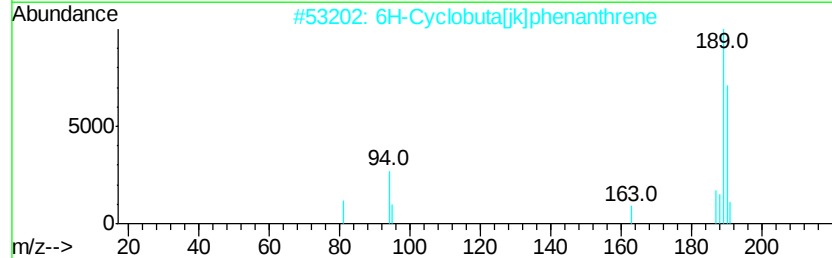
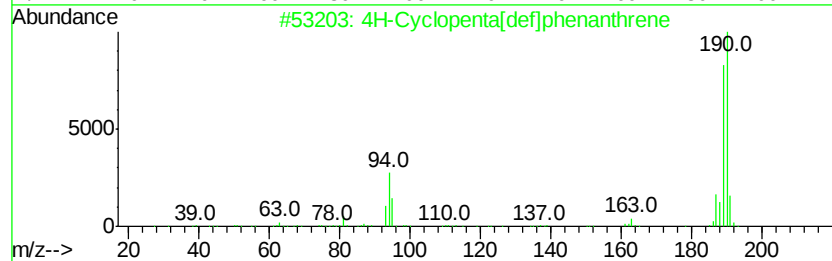
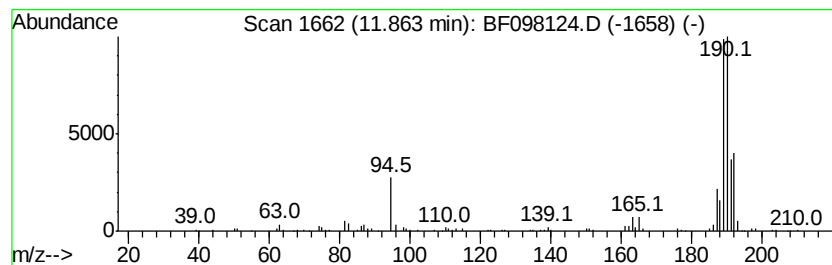
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.86	7.20 ng	294193	Phenanthrene-d10	11.25	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	59
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	Methyl diselenide	190	C2H6Se2	007101-31-7	49
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082917\
Data File : BF098124.D
Acq On : 29 Aug 2017 21:29
Operator : SJ/JU
Sample : I4994-04 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-082517-B

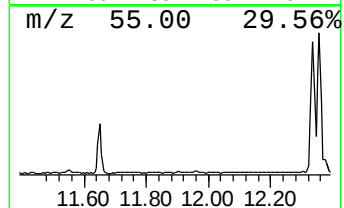
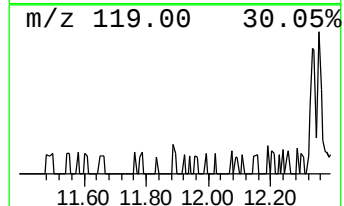
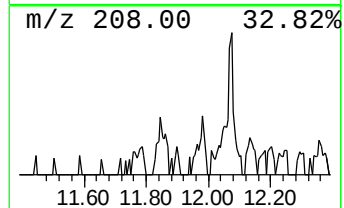
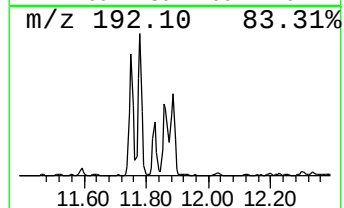
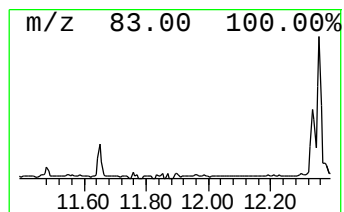
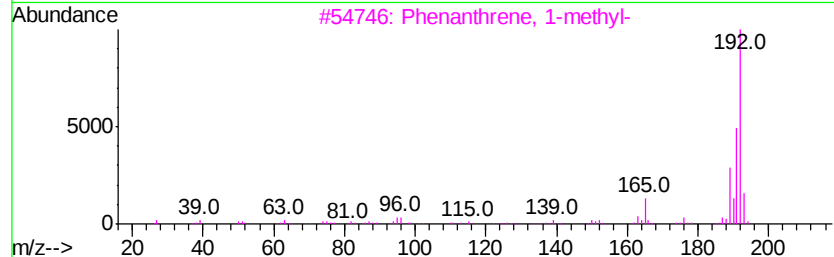
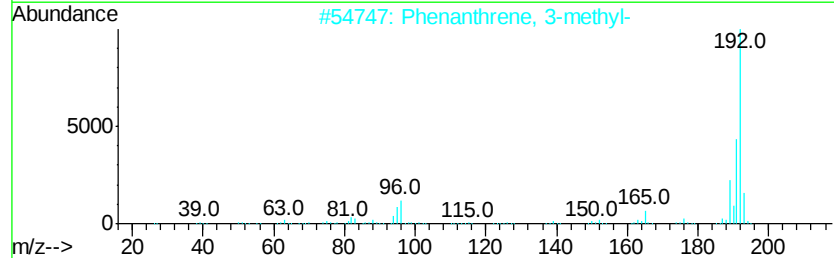
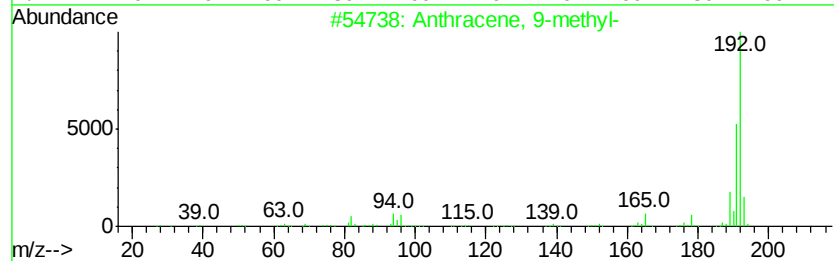
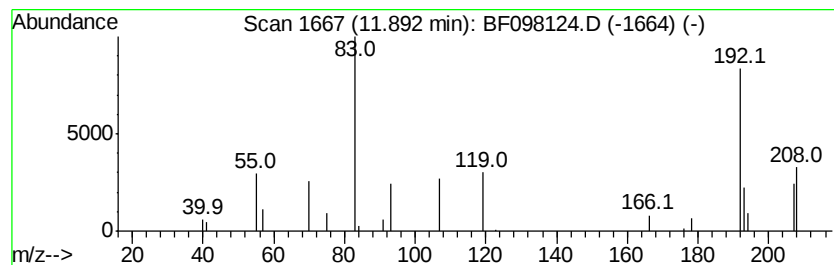
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Anthracene, 9-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	2.46 ng	100599	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
2		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082917\
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Sample : I4994-04 20X
Misc :
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ClientSampleId :
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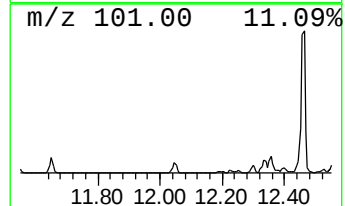
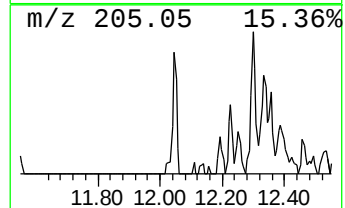
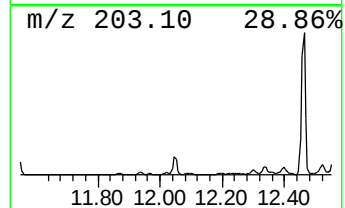
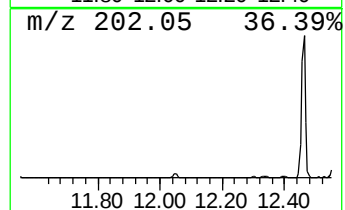
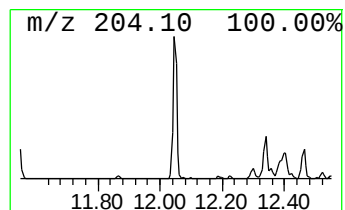
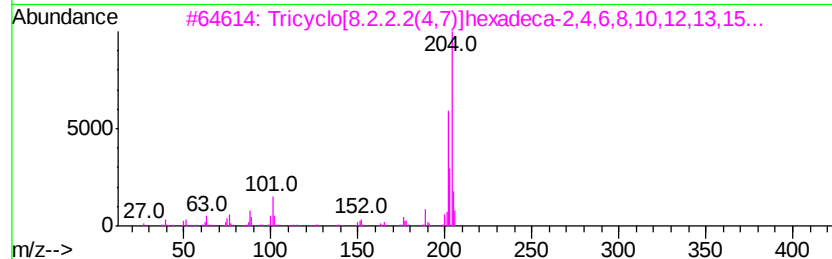
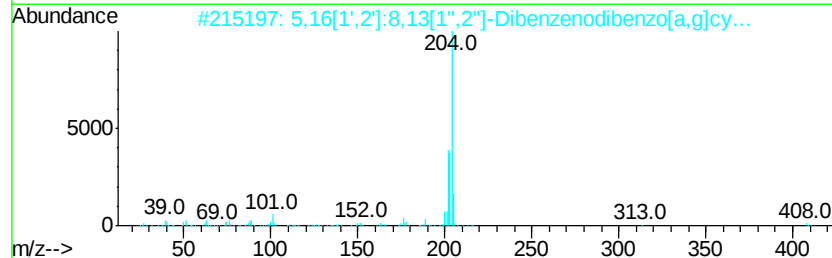
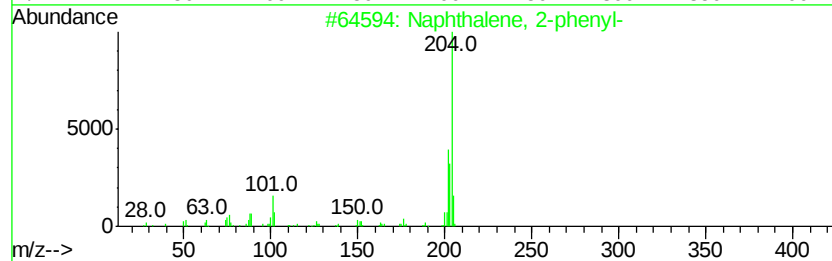
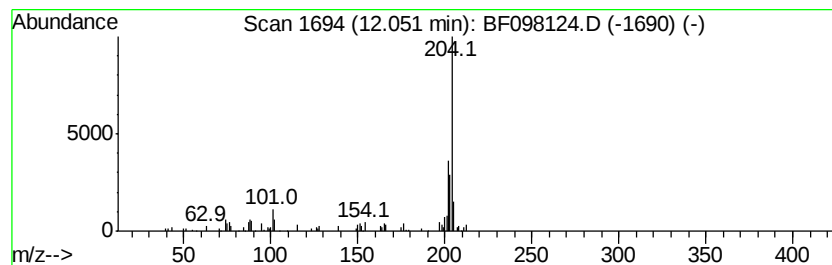
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	2.14 ng	87601	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
4		6-Cyanophenanthridine	204	C14H8N2	002176-28-5	60
5		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082917\
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Sample : I4994-04 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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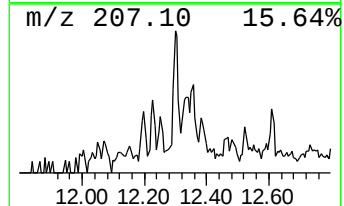
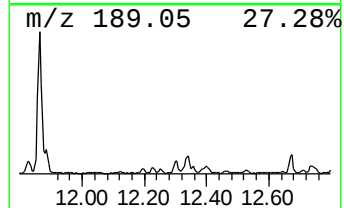
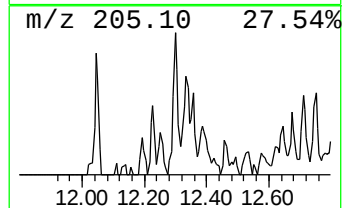
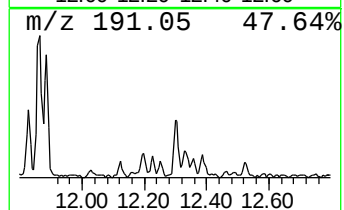
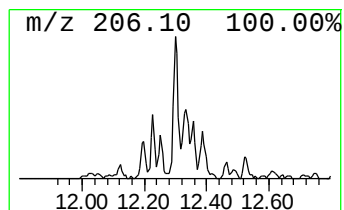
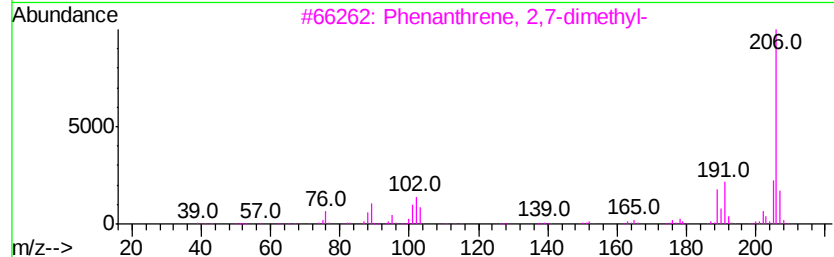
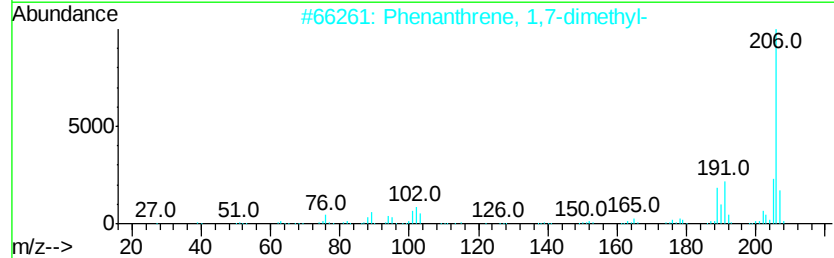
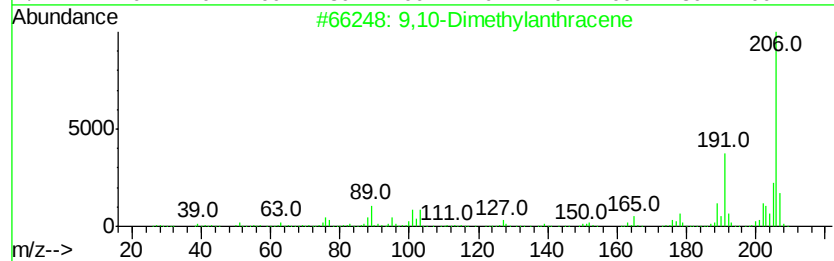
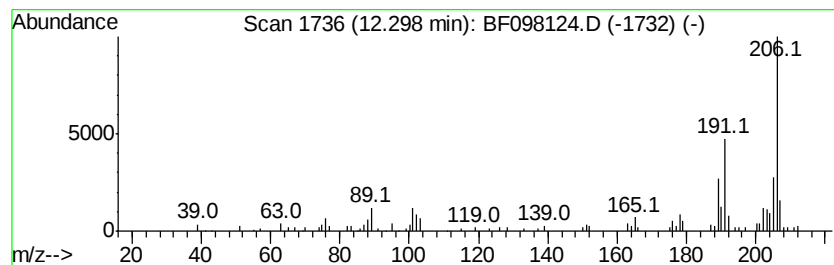
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 9,10-Dimethylantracene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	2.52 ng	103095	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Dimethylantracene	206	C16H14	000781-43-1	94
2		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93
4		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	92
5		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082917\
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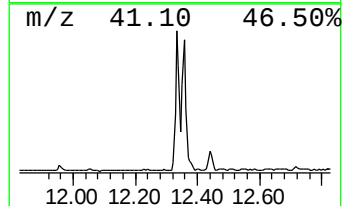
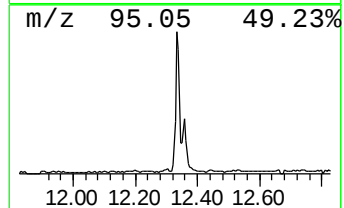
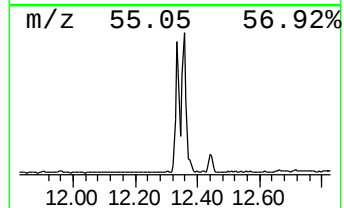
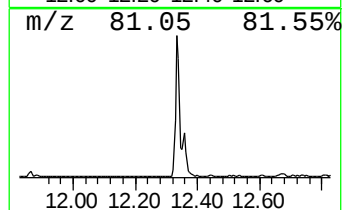
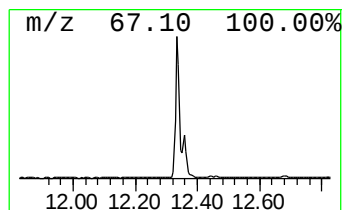
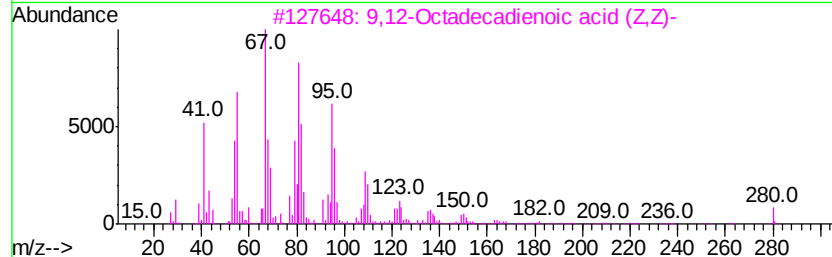
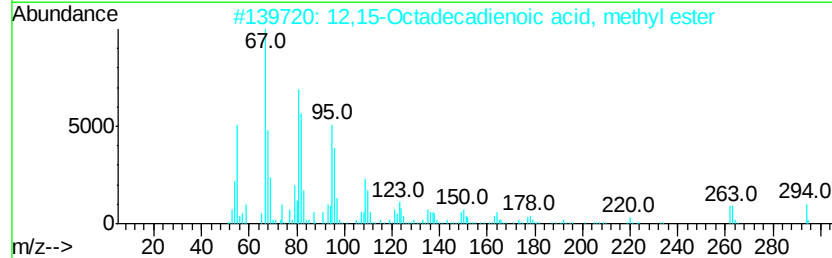
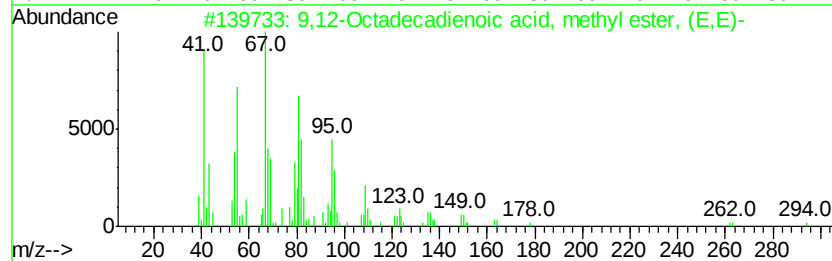
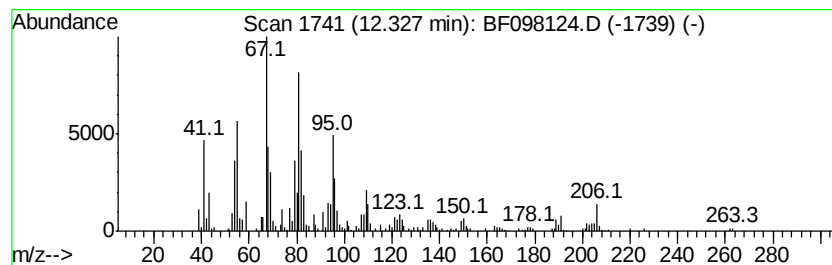
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	22.92 ng	936907	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2		12,15-Octadecadienoic acid, meth...	294	C19H34O2	057156-97-5	95
3		9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	95
4		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	90
5		7-Hexadecyne	222	C16H30	074685-28-2	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
Data File : BF098124.D
Acq On : 29 Aug 2017 21:29
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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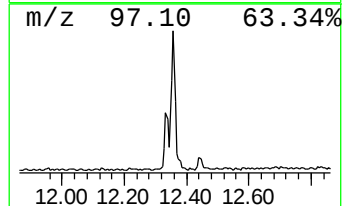
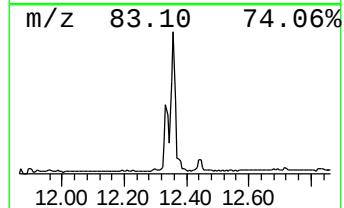
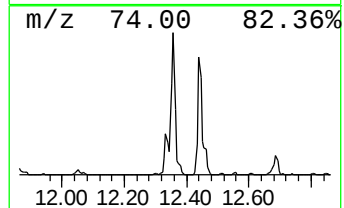
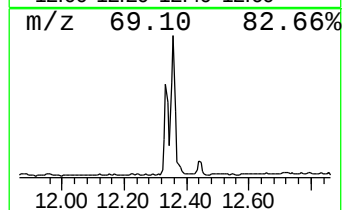
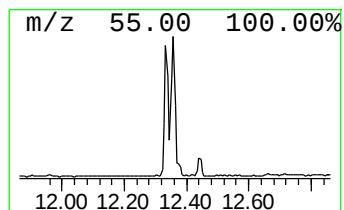
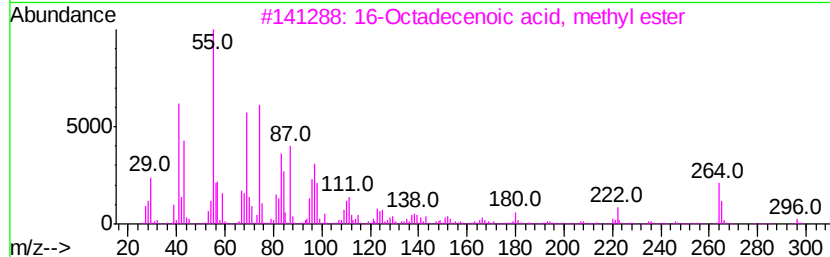
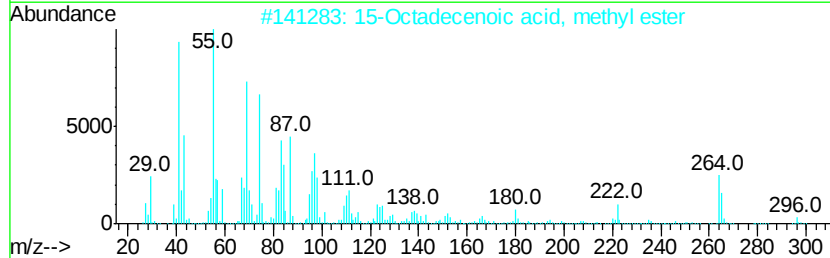
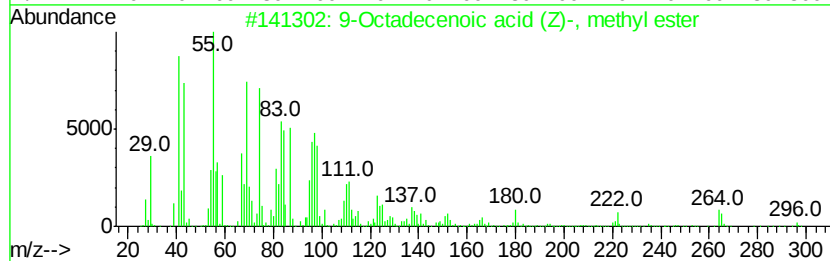
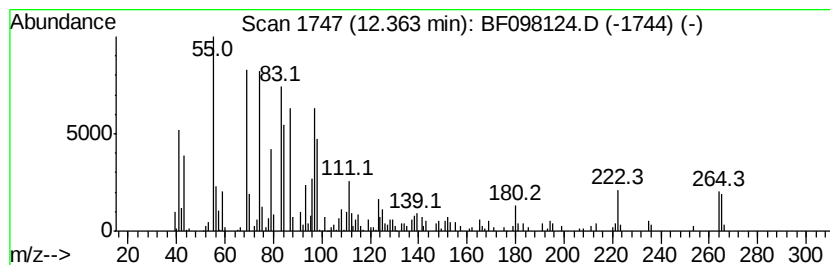
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	17.83 ng	728756	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	95
2		15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	81
3		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	81
4		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	76
5		trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
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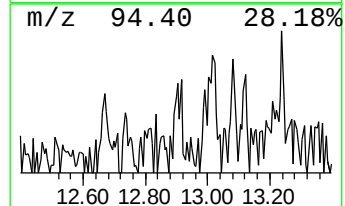
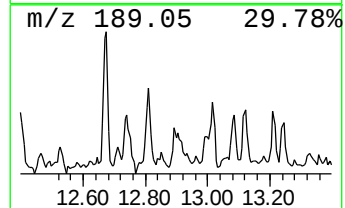
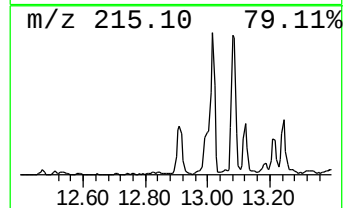
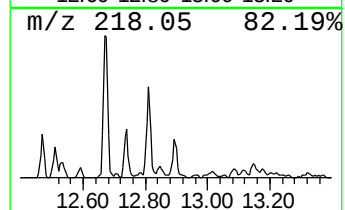
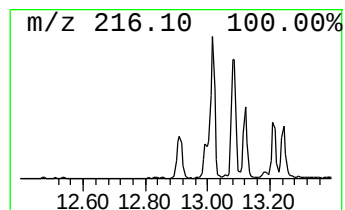
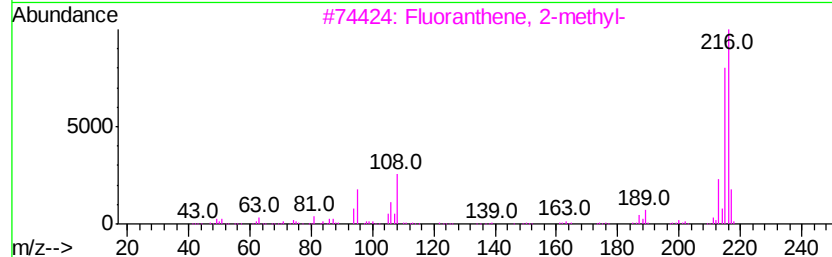
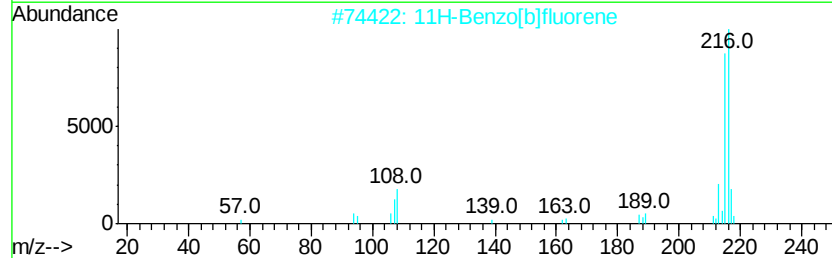
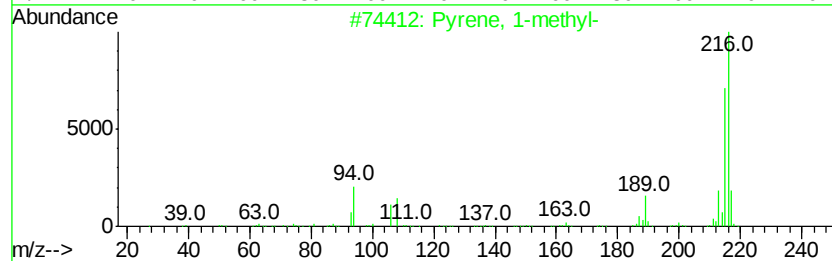
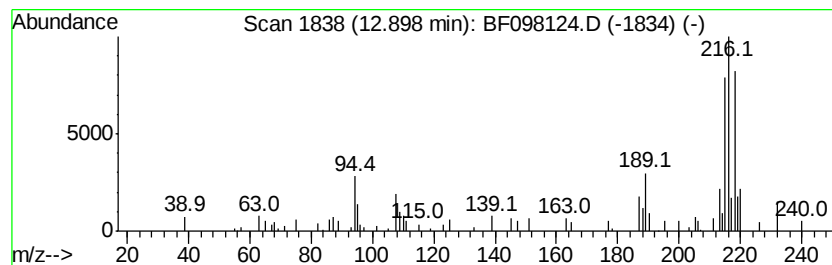
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	2.23 ng	117110	Chrysene-d12	13.89
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene, 1-methyl-	216 C17H12	002381-21-7 95
2		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 93
3		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 89
4		Pyrene, 2-methyl-	216 C17H12	003442-78-2 70
5		6H-Thiazolo[5,4-e]indole, 2,7,8-...	216 C12H12N2S	1000338-32-0 64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-082517-B

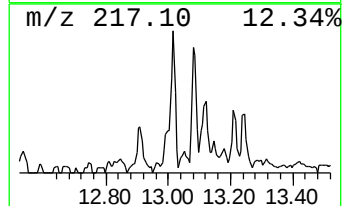
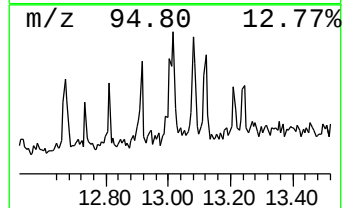
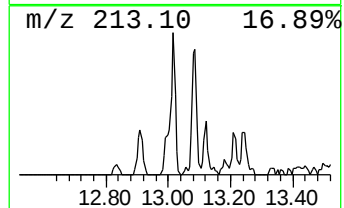
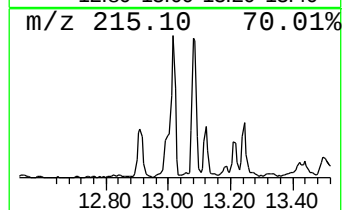
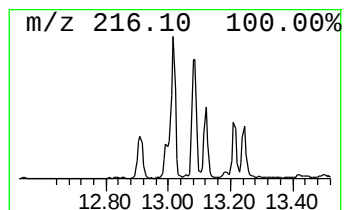
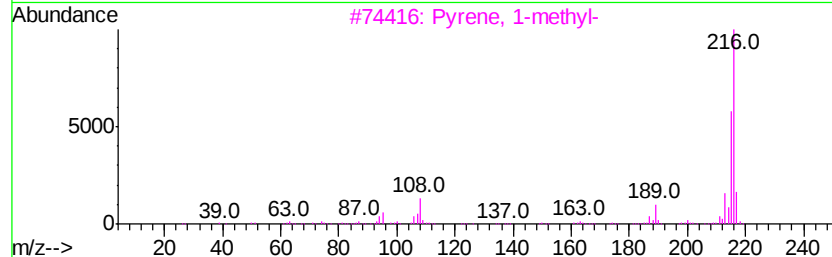
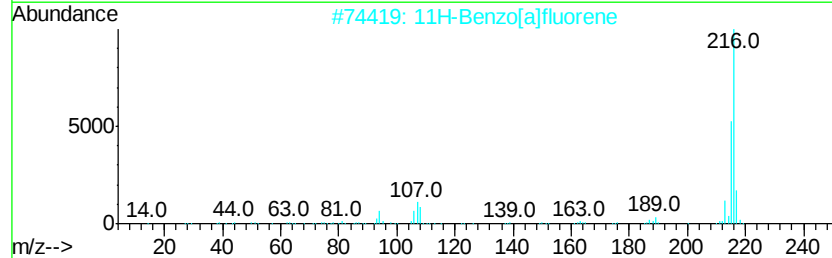
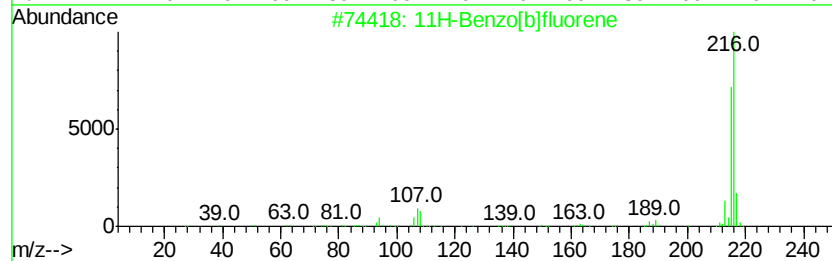
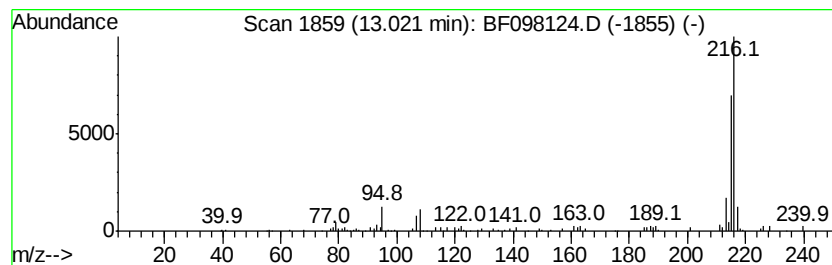
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	3.08 ng	161628	Chrysene-d12	13.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3		Pvrene, 1-methyl-	216	C17H12	002381-21-7	87
4		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082917\
 Data File : BF098124.D
 Acq On : 29 Aug 2017 21:29
 Operator : SJ/JU
 Sample : I4994-04 20X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-082517-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.49	6.49	4.6 ng		171037	1	6.73	739588	20.0
Naphthalene, 1-me...	8.83	2.7 ng		135280	2	8.02	994920	20.0
Naphthalene, 2,7-...	9.36	2.3 ng		108754	3	9.77	961600	20.0
Naphthalene, 2,3-...	9.43	2.8 ng		132463	3	9.77	961600	20.0
9H-Fluorene, 1-me...	10.86	2.5 ng		101090	4	11.25	817492	20.0
Naphtho[1,2-b]thi...	11.15	2.3 ng		94291	4	11.25	817492	20.0
Hexadecanoic acid...	11.65	8.7 ng		353518	4	11.25	817492	20.0
Anthracene, 2-met...	11.75	3.7 ng		153032	4	11.25	817492	20.0
Anthracene, 1-met...	11.78	4.5 ng		183831	4	11.25	817492	20.0
4H-Cyclopenta[def...	11.86	7.2 ng		294193	4	11.25	817492	20.0
Anthracene, 9-met...	11.89	2.5 ng		100599	4	11.25	817492	20.0
Naphthalene, 2-ph...	12.05	2.1 ng		87601	4	11.25	817492	20.0
9,10-Dimethylanthe...	12.30	2.5 ng		103095	4	11.25	817492	20.0
9,12-Octadecadien...	12.33	22.9 ng		936907	4	11.25	817492	20.0
9-Octadecenoic ac...	12.36	17.8 ng		728756	4	11.25	817492	20.0
Pyrene, 1-methyl-	12.90	2.2 ng		117110	5	13.89	1049820	20.0
11H-Benzo[b]fluorene	13.02	3.1 ng		161628	5	13.89	1049820	20.0