

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100917\
 Data File : BF099274.D
 Acq On : 9 Oct 2017 20:45
 Operator : SJ/JU
 Sample : I5708-01 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-100517

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-BF092317.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	5.069	504	507	520	rBV	70778	75921	7.14%	0.404%
2	5.475	573	576	590	rBV	493169	449040	42.20%	2.392%
3	6.487	745	748	764	rBV	537129	447045	42.01%	2.382%
4	6.628	769	772	776	rBV	616407	491547	46.20%	2.619%
5	6.863	808	812	815	rBV	769354	620579	58.32%	3.306%
6	7.016	835	838	842	rBV	477146	384024	36.09%	2.046%
7	7.422	904	907	914	rBV	339535	274337	25.78%	1.462%
8	8.145	1026	1030	1033	rBV	1023074	849438	79.83%	4.526%
9	8.857	1148	1151	1156	rBV	54496	41762	3.92%	0.223%
10	8.957	1162	1168	1171	rBV	49567	41280	3.88%	0.220%
11	9.216	1208	1212	1222	rBV	735795	584031	54.89%	3.112%
12	9.486	1253	1258	1262	rBV2	29357	37766	3.55%	0.201%
13	9.557	1266	1270	1272	rBV	53619	52004	4.89%	0.277%
14	9.610	1276	1279	1285	rVB2	64938	66178	6.22%	0.353%
15	9.675	1285	1290	1292	rBV	29433	25303	2.38%	0.135%
16	9.757	1301	1304	1308	rBV	72093	65750	6.18%	0.350%
17	9.898	1319	1328	1331	rBV	1028175	874651	82.20%	4.660%
18	9.927	1331	1333	1337	rVB	95685	87735	8.25%	0.467%
19	10.104	1359	1363	1366	rVV2	77290	80083	7.53%	0.427%
20	10.139	1366	1369	1372	rVB	31864	28850	2.71%	0.154%
21	10.210	1378	1381	1384	rBV2	29755	31956	3.00%	0.170%
22	10.304	1391	1397	1398	rVV2	22055	28914	2.72%	0.154%
23	10.316	1398	1399	1402	rVV2	34120	25248	2.37%	0.135%
24	10.445	1418	1421	1427	rVB	176760	148135	13.92%	0.789%
25	10.533	1434	1436	1438	rVV3	25595	23016	2.16%	0.123%
26	10.604	1442	1448	1450	rVV2	28132	33965	3.19%	0.181%
27	10.686	1458	1462	1467	rBV	291521	256386	24.10%	1.366%
28	10.792	1477	1480	1481	rBV	40773	35491	3.34%	0.189%
29	10.992	1508	1514	1517	rBV2	45323	61389	5.77%	0.327%
30	11.022	1517	1519	1522	rVV2	36456	31000	2.91%	0.165%
31	11.074	1526	1528	1531	rVV	27366	23153	2.18%	0.123%
32	11.116	1531	1535	1537	rVV3	20529	27091	2.55%	0.144%
33	11.145	1537	1540	1544	rVV3	22068	31382	2.95%	0.167%
34	11.192	1545	1548	1552	rVV2	27729	29425	2.77%	0.157%

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35	11.239	1552	1556	1558	rVV2	55195	53606	5.04%	0.286%
36	11.280	1558	1563	1568	rVB	70755	81865	7.69%	0.436%
37	11.386	1577	1581	1583	rBV	835418	751683	70.64%	4.005%
38	11.410	1583	1585	1589	rVV	1008683	785700	73.84%	4.186%
39	11.463	1589	1594	1597	rVV	216727	197415	18.55%	1.052%
40	11.498	1597	1600	1603	rVV2	24966	34853	3.28%	0.186%
41	11.545	1605	1608	1613	rVV4	15377	24106	2.27%	0.128%
42	11.616	1616	1620	1626	rVV2	55635	72478	6.81%	0.386%
43	11.663	1626	1628	1630	rVV	38486	36729	3.45%	0.196%
44	11.716	1634	1637	1642	rVV2	46486	46477	4.37%	0.248%
45	11.769	1642	1646	1649	rVV	327732	264961	24.90%	1.412%
46	11.798	1649	1651	1655	rVB	24050	26065	2.45%	0.139%
47	11.886	1662	1666	1668	rVV	156993	133404	12.54%	0.711%
48	11.916	1668	1671	1674	rVB	181060	154256	14.50%	0.822%
49	11.963	1674	1679	1682	rBV	61033	53938	5.07%	0.287%
50	11.998	1682	1685	1687	rVV	213643	226156	21.25%	1.205%
51	12.021	1687	1689	1693	rVB	104522	83041	7.80%	0.442%
52	12.068	1694	1697	1700	rBV	38283	34153	3.21%	0.182%
53	12.180	1713	1716	1718	rVV	97319	83087	7.81%	0.443%
54	12.210	1718	1721	1726	rVB	68379	66281	6.23%	0.353%
55	12.327	1740	1741	1744	rVV	28281	21884	2.06%	0.117%
56	12.363	1744	1747	1749	rVV	40015	35112	3.30%	0.187%
57	12.386	1749	1751	1754	rVB2	33502	26852	2.52%	0.143%
58	12.451	1756	1762	1764	rBV2	845690	851003	79.98%	4.534%
59	12.474	1764	1766	1771	rVV3	731787	651076	61.19%	3.469%
60	12.527	1771	1775	1778	rVV2	55587	76974	7.23%	0.410%
61	12.557	1778	1780	1783	rVB	141273	109430	10.28%	0.583%
62	12.598	1783	1787	1791	rBV	953292	880193	82.72%	4.690%
63	12.639	1791	1794	1796	rVV	30571	31114	2.92%	0.166%
64	12.663	1796	1798	1801	rVV2	36387	30992	2.91%	0.165%
65	12.692	1801	1803	1806	rVV2	33667	31083	2.92%	0.166%
66	12.733	1806	1810	1811	rVV4	21410	27913	2.62%	0.149%
67	12.751	1811	1813	1815	rVV	56224	49754	4.68%	0.265%
68	12.774	1815	1817	1819	rVV3	27072	26194	2.46%	0.140%
69	12.833	1820	1827	1832	rVV	830736	985100	92.58%	5.248%
70	12.880	1832	1835	1838	rVB2	55627	62672	5.89%	0.334%
71	12.963	1843	1849	1852	rBV	471341	457552	43.00%	2.438%

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72	13.045	1858	1863	1867	rBV2	71411	129270	12.15%	0.689%
73	13.133	1874	1878	1879	rBV2	64263	77971	7.33%	0.415%
74	13.157	1879	1882	1885	rVB	158453	149838	14.08%	0.798%
75	13.186	1885	1887	1888	rBV	39956	30317	2.85%	0.162%
76	13.221	1891	1893	1896	rVB	130178	97022	9.12%	0.517%
77	13.263	1896	1900	1902	rBV2	97745	114534	10.76%	0.610%
78	13.351	1913	1915	1918	rBV	58397	54747	5.15%	0.292%
79	13.386	1918	1921	1924	rBV	65287	66994	6.30%	0.357%
80	13.527	1943	1945	1948	rBV4	46283	46551	4.37%	0.248%
81	13.663	1966	1968	1973	rVB	50249	54848	5.15%	0.292%
82	13.774	1984	1987	1989	rBV	76641	69290	6.51%	0.369%
83	13.804	1989	1992	1994	rVV	60985	54965	5.17%	0.293%
84	13.827	1994	1996	1999	rVV	57076	67997	6.39%	0.362%
85	13.874	2002	2004	2007	rVB	60076	50614	4.76%	0.270%
86	13.945	2014	2016	2021	rBV4	26890	38764	3.64%	0.207%
87	14.027	2025	2030	2033	rVV2	791103	1064061	100.00%	5.669%
88	14.051	2033	2034	2042	rVB	389057	303743	28.55%	1.618%
89	14.133	2046	2048	2050	rVB	65617	45036	4.23%	0.240%
90	14.174	2052	2055	2057	rBV	70141	64841	6.09%	0.345%
91	14.410	2091	2095	2098	rBV	88946	114248	10.74%	0.609%
92	14.445	2099	2101	2104	rVV2	41593	34217	3.22%	0.182%
93	14.480	2104	2107	2110	rBV2	55809	66505	6.25%	0.354%
94	15.074	2204	2208	2211	rBV	304920	457948	43.04%	2.440%
95	15.180	2224	2226	2234	rBV	53494	87167	8.19%	0.464%
96	15.380	2257	2260	2266	rVB	193497	227294	21.36%	1.211%
97	15.445	2267	2271	2277	rBV	290919	366949	34.49%	1.955%
98	15.504	2277	2281	2285	rBV	449345	602230	56.60%	3.209%
99	16.998	2530	2535	2539	rBV2	88608	155752	14.64%	0.830%
100	17.450	2608	2612	2620	rVB2	73549	146550	13.77%	0.781%

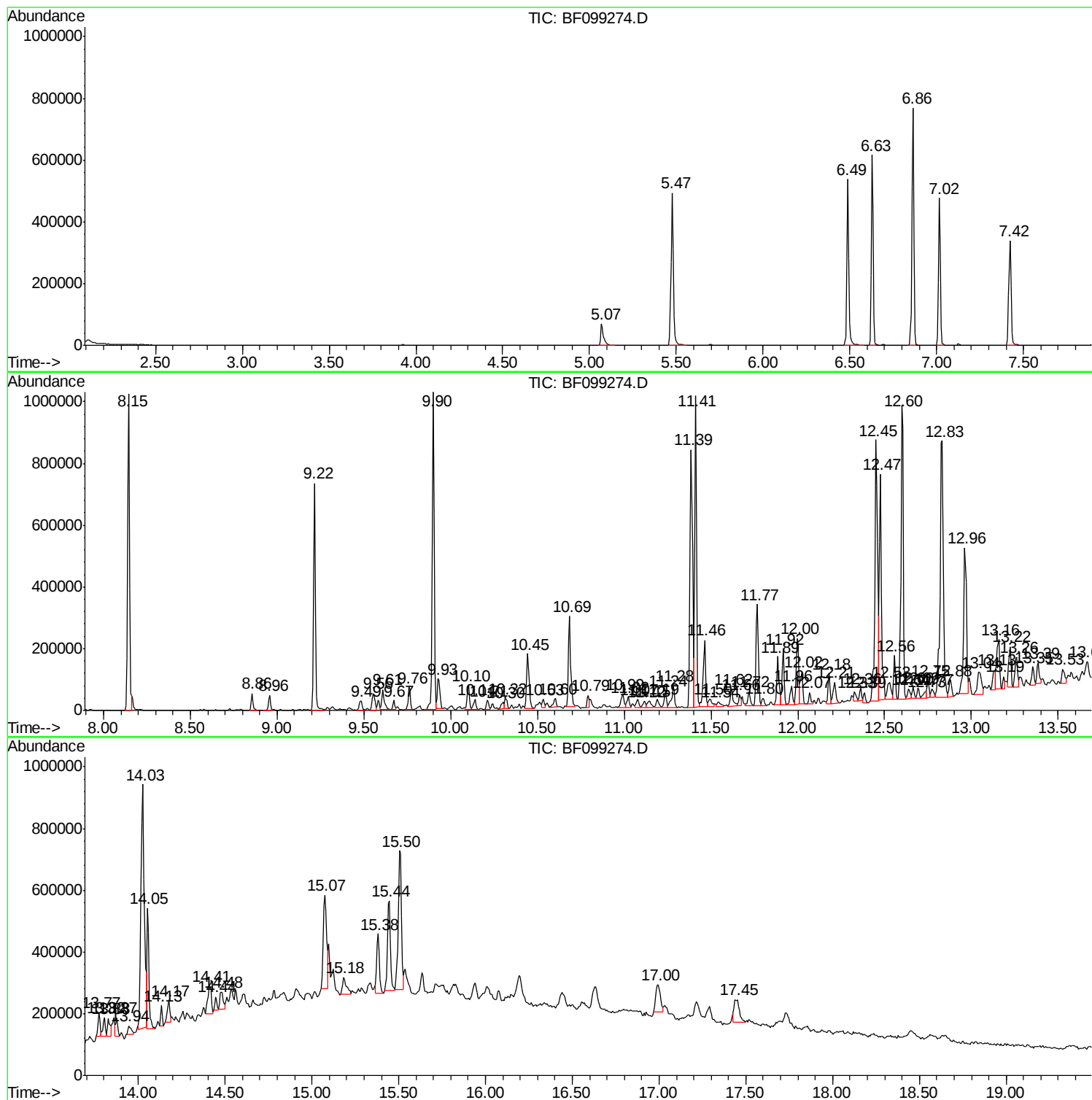
Sum of corrected areas: 18769290

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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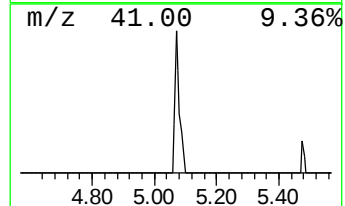
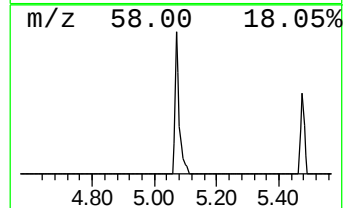
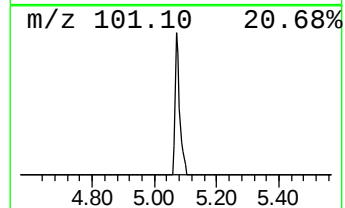
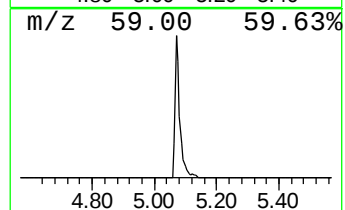
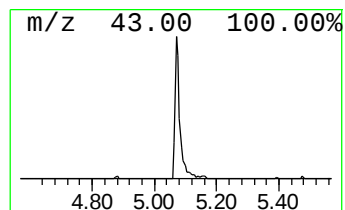
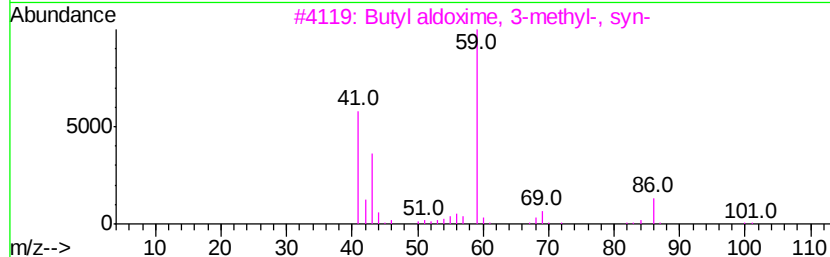
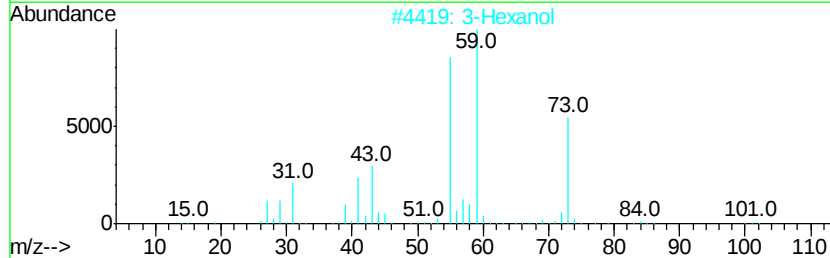
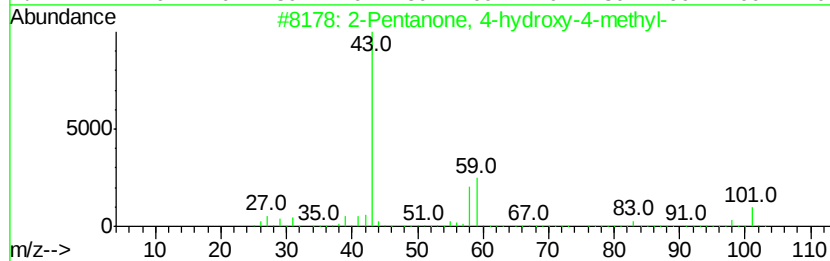
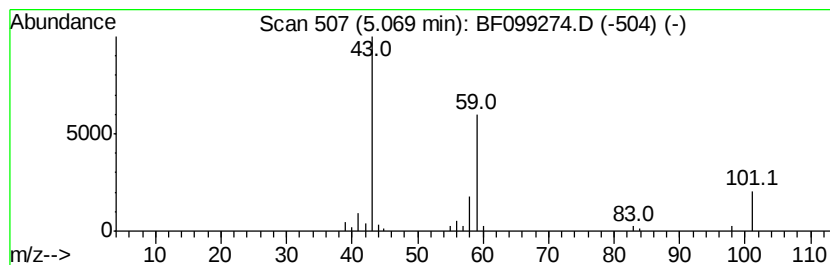
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	2.45 ng	75921	1,4-Dichlorobenzene-d4	6.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			3-Hexanol	102	C6H14O	000623-37-0	25
3			Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25
4			1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
5			Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	23



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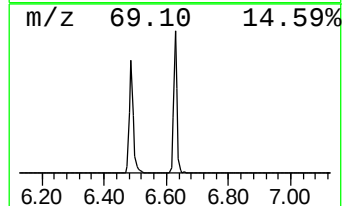
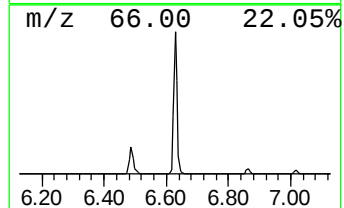
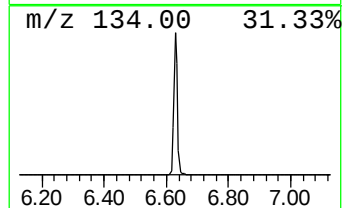
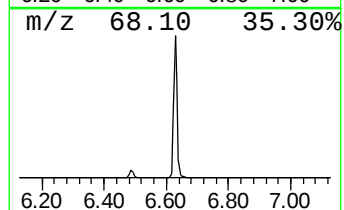
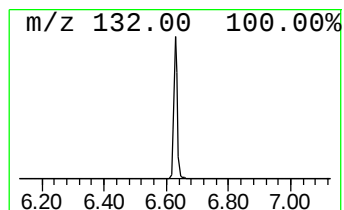
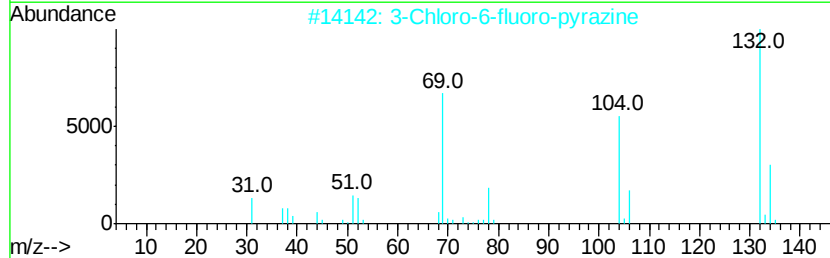
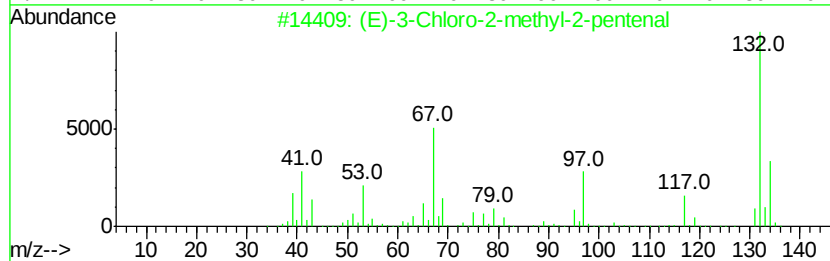
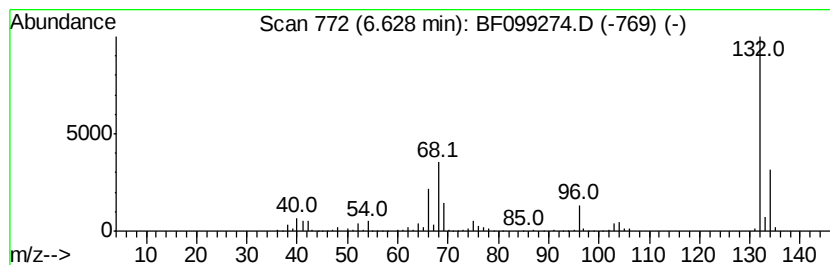
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.63 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	15.84 ng	491547	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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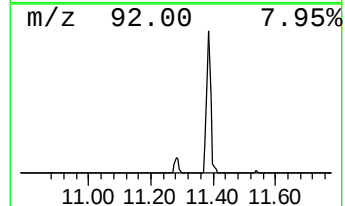
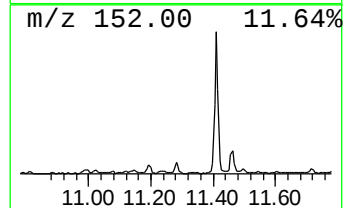
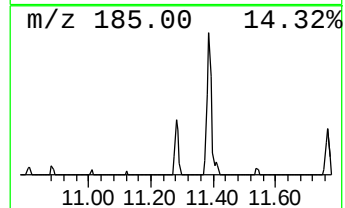
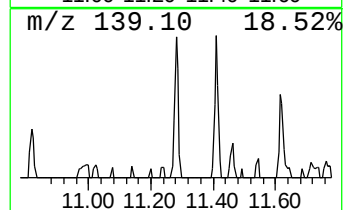
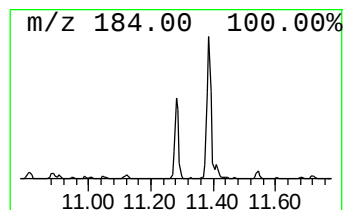
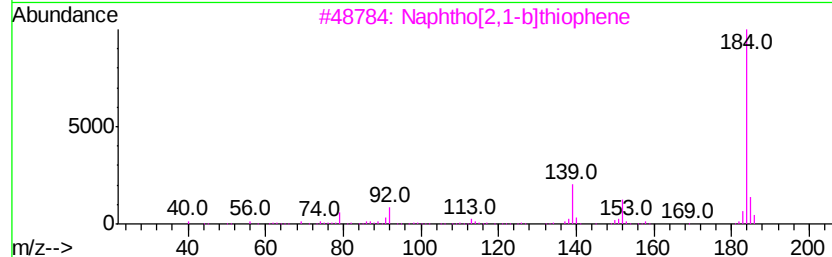
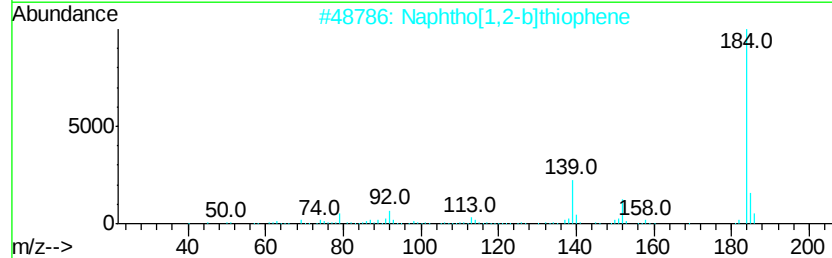
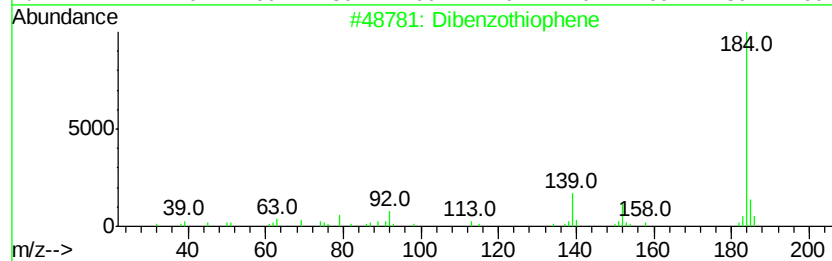
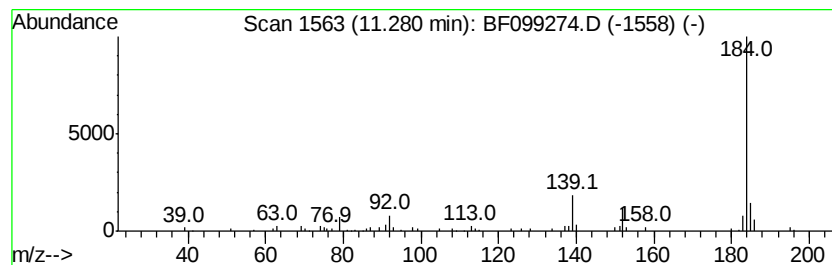
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Peak Number 4 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	2.18 ng	81865	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene	184	C12H8S	000132-65-0	97
2		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	96
3		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
4		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
5		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100917\
Data File : BF099274.D
Acq On : 9 Oct 2017 20:45
Operator : SJ/JU
Sample : I5708-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

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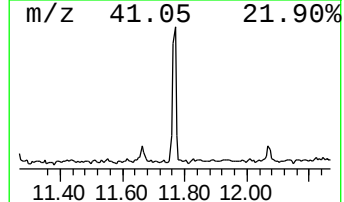
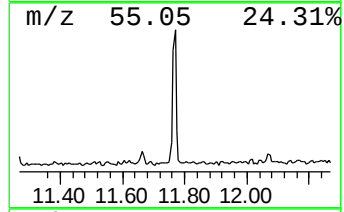
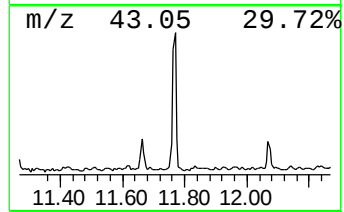
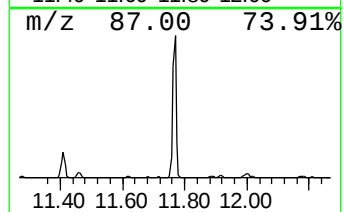
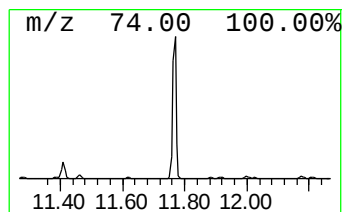
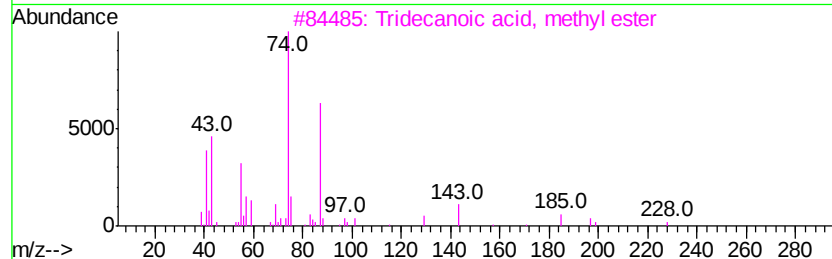
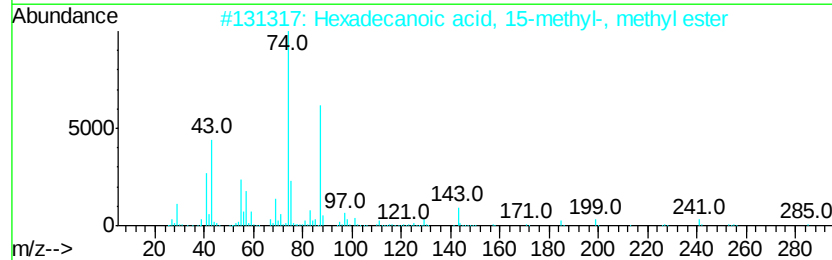
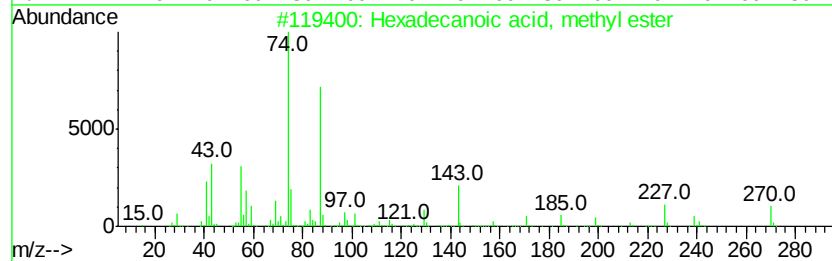
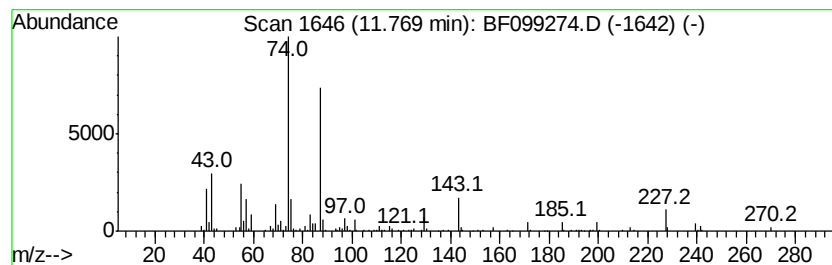
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexadecanoic acid, methyl e... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	7.05 ng	264961	Phenanthrene-d10	11.39

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
2		Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	87
3		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	87
4		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5		Methyl tetradecanoate	242	C15H30O2	000124-10-7	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100917\
Data File : BF099274.D
Acq On : 9 Oct 2017 20:45
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-08-100517

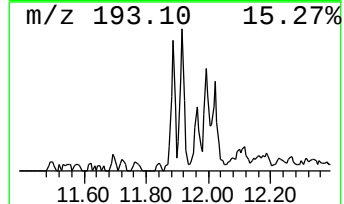
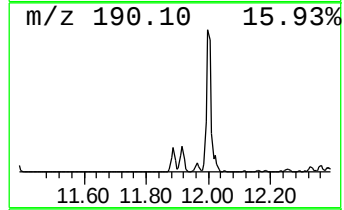
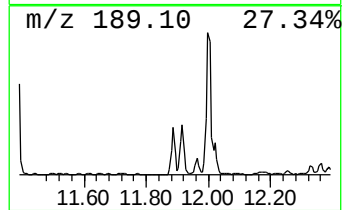
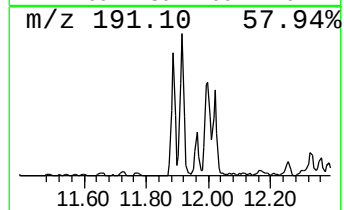
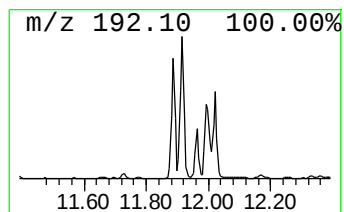
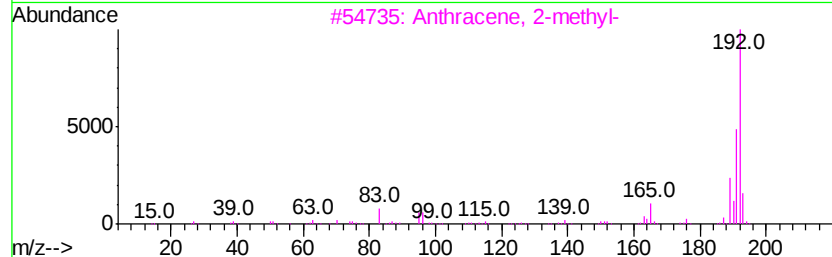
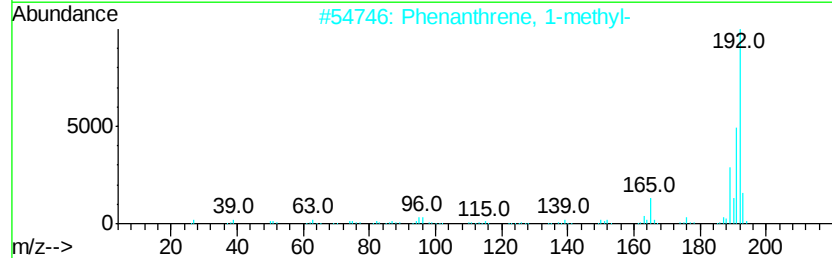
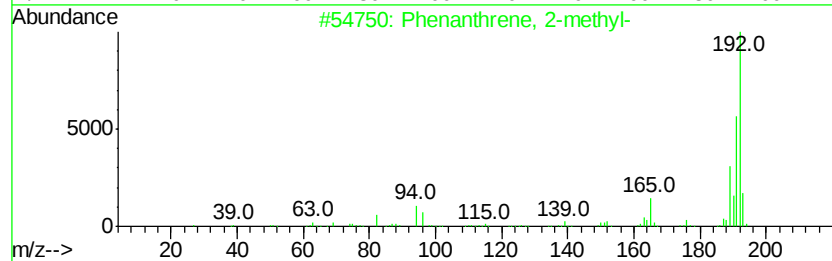
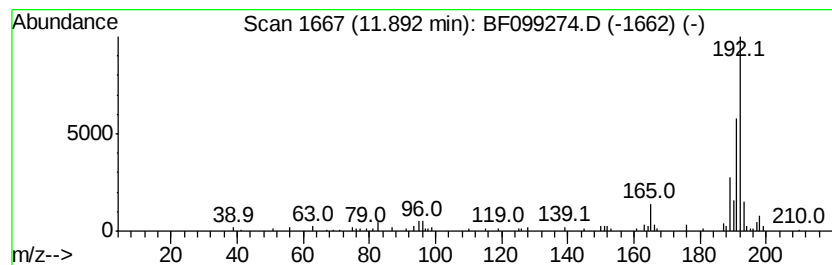
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	3.55 ng	133404	Phenanthrene-d10	11.39

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	94
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100917\
Data File : BF099274.D
Acq On : 9 Oct 2017 20:45
Operator : SJ/JU
Sample : I5708-01 5X
Misc :
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ClientSampleId :
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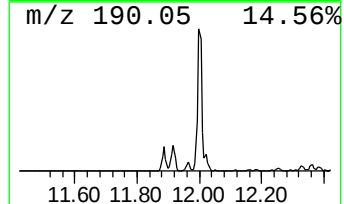
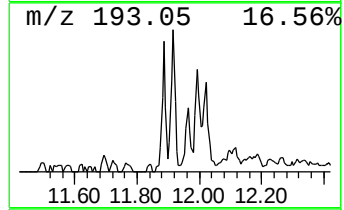
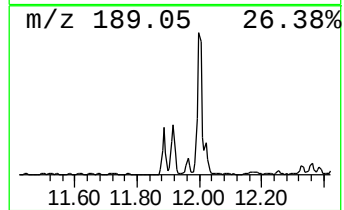
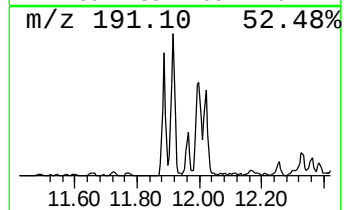
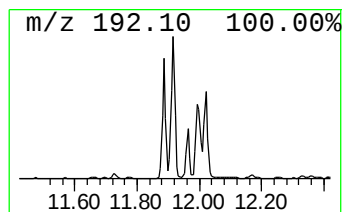
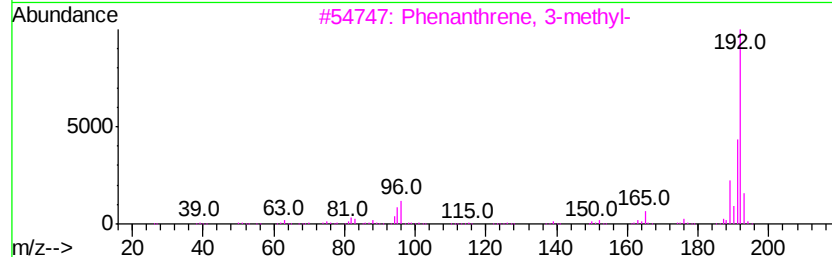
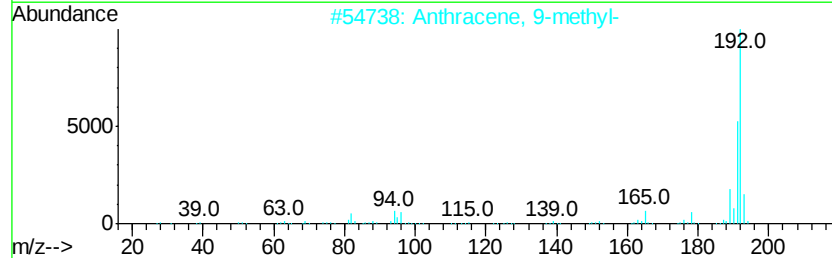
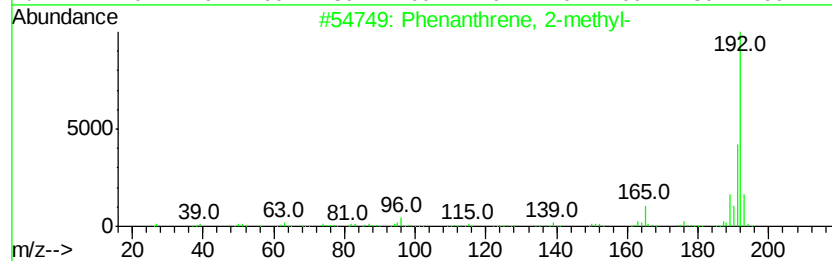
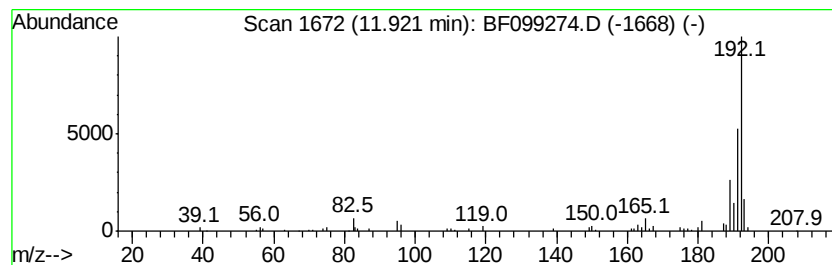
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Anthracene, 9-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	4.10 ng	154256	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100917\
Data File : BF099274.D
Acq On : 9 Oct 2017 20:45
Operator : SJ/JU
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Misc :
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ClientSampleId :
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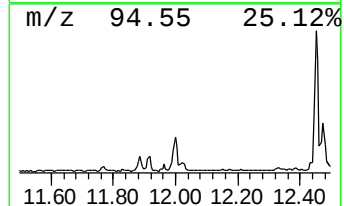
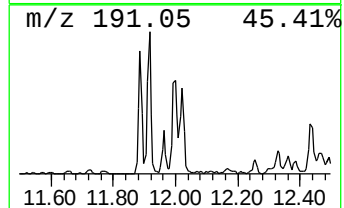
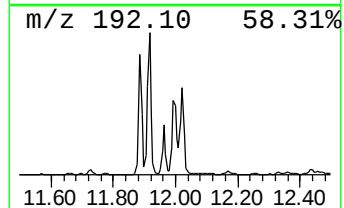
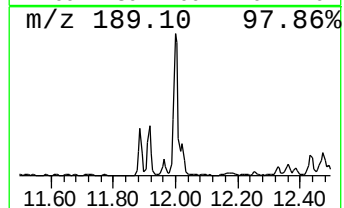
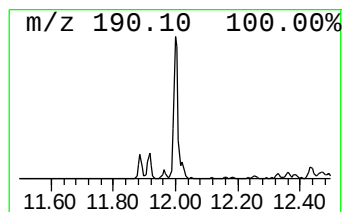
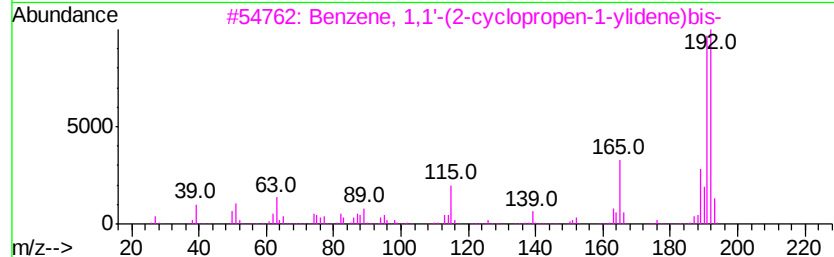
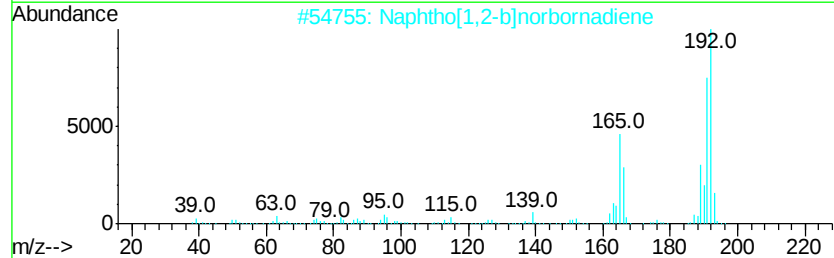
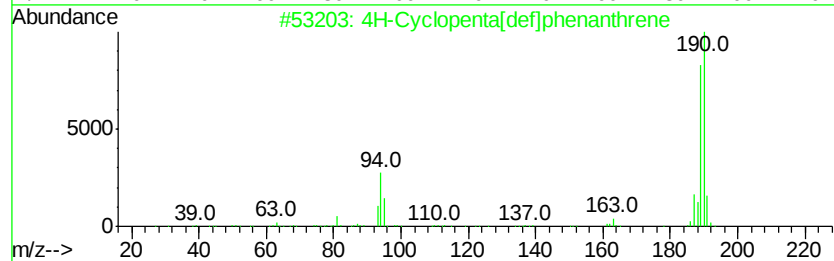
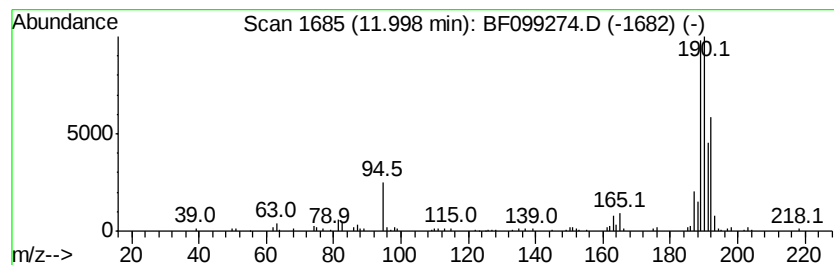
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	6.02 ng	226156	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2		Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	15
3		Benzene, 1,1'-(2-cyclopropen-1-ylidene)bis-	192	C15H12	022825-21-4	14
4		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	14
5		Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100917\
Data File : BF099274.D
Acq On : 9 Oct 2017 20:45
Operator : SJ/JU
Sample : I5708-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

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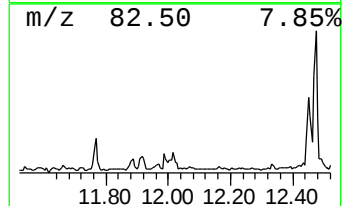
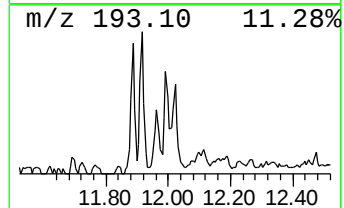
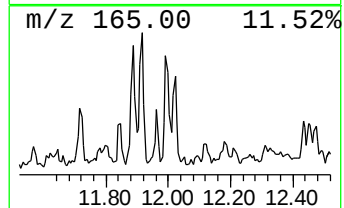
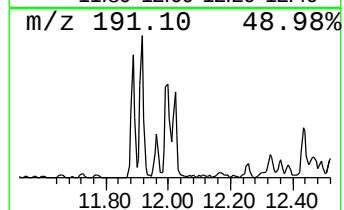
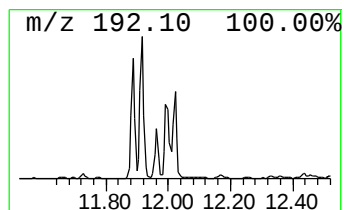
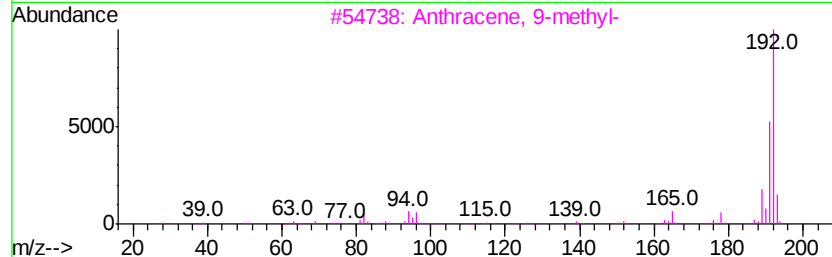
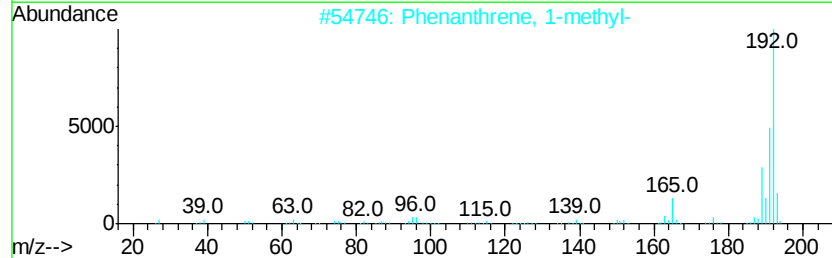
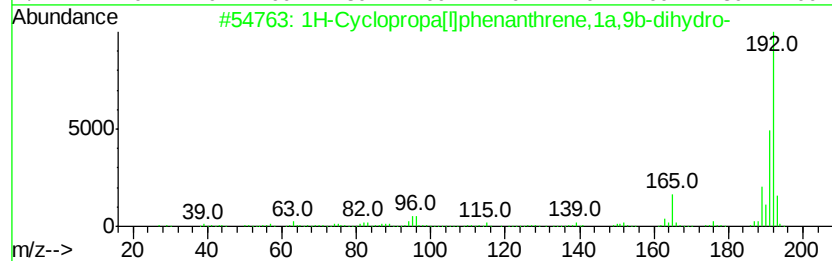
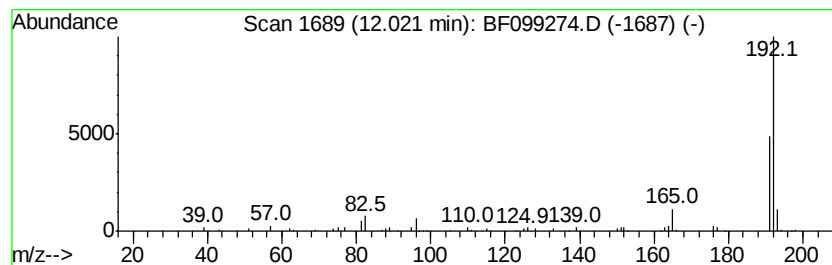
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1H-Cyclopropa[l]phenanthren... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	2.21 ng	83041	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	91
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	86
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100917\
Data File : BF099274.D
Acq On : 9 Oct 2017 20:45
Operator : SJ/JU
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Misc :
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ClientSampleId :
NB-08-100517

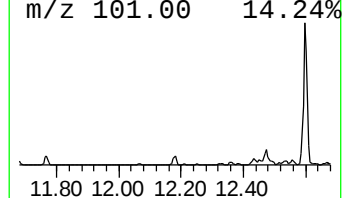
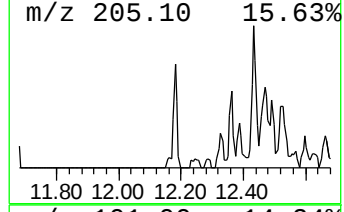
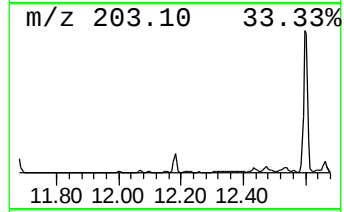
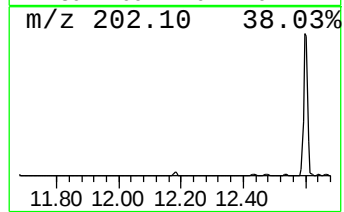
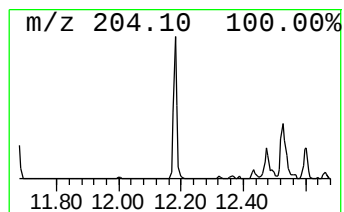
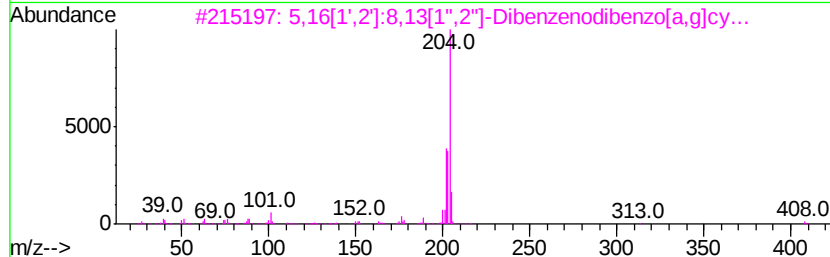
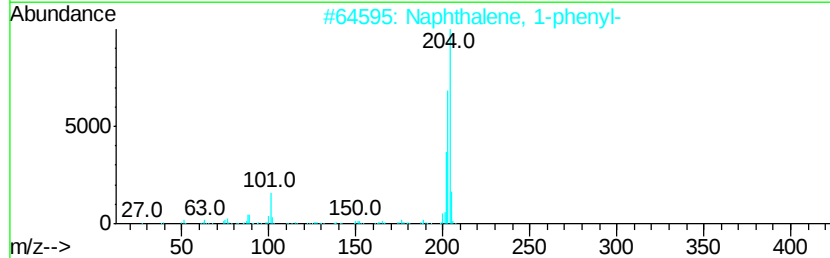
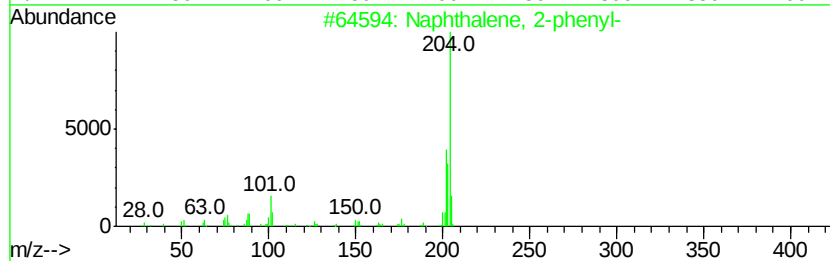
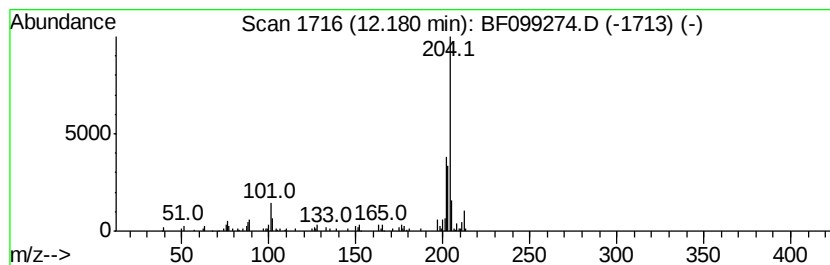
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	2.21 ng	83087	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
3		5,16[1',2']8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
4		6-Cyanophenanthridine	204	C14H8N2	002176-28-5	60
5		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100917\
Data File : BF099274.D
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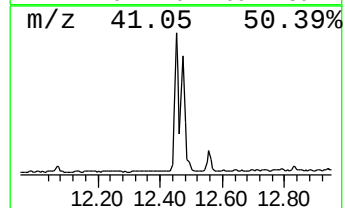
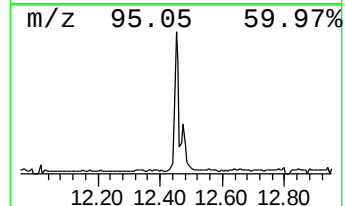
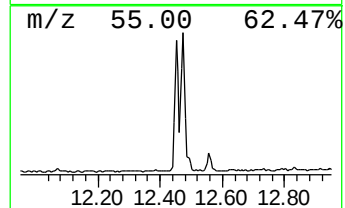
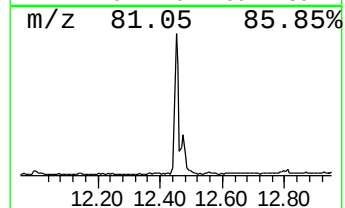
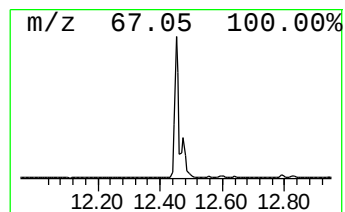
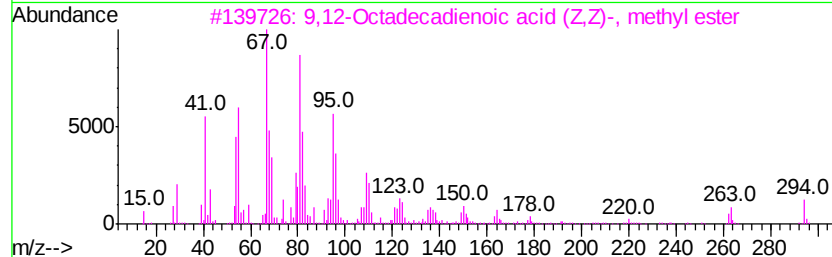
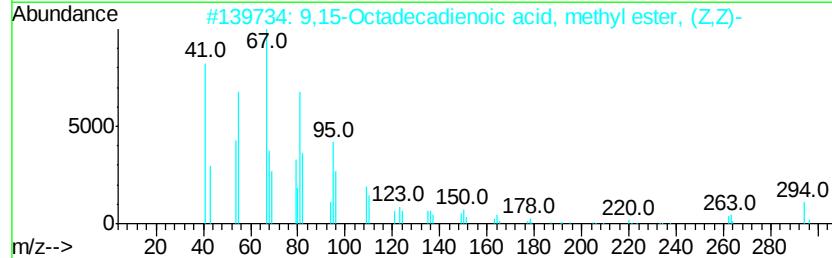
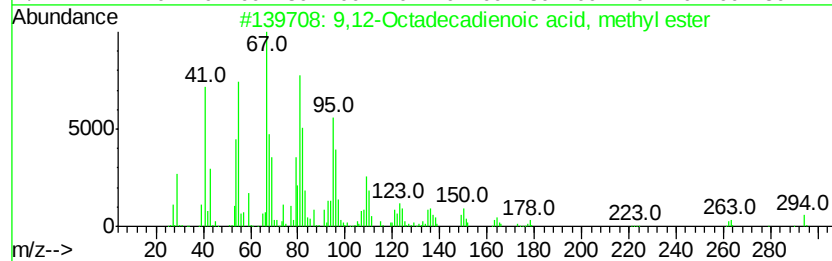
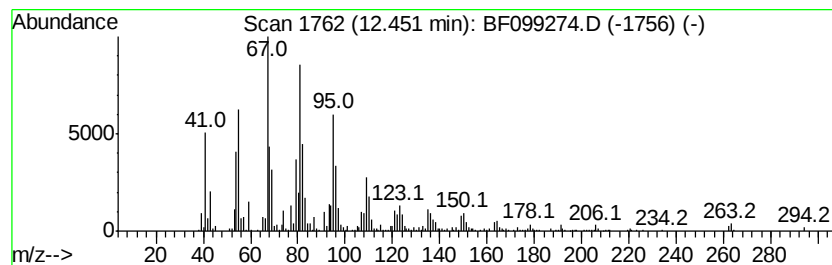
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	22.64 ng	851003	Phenanthrene-d10	11.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	9,12-Octadecadienoic acid, methy...	294 C19H34O2	002462-85-3	99
2	9,15-Octadecadienoic acid, methy...	294 C19H34O2	017309-05-6	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294 C19H34O2	000112-63-0	99
4	9,12-Octadecadienoic acid, methy...	294 C19H34O2	002566-97-4	98
5	Methyl 7,12-octadecadienoate	294 C19H34O2	1000336-43-8	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100917\
Data File : BF099274.D
Acq On : 9 Oct 2017 20:45
Operator : SJ/JU
Sample : I5708-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-08-100517

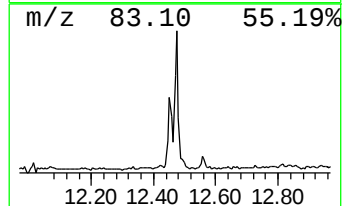
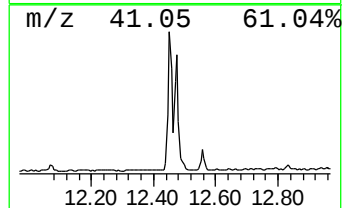
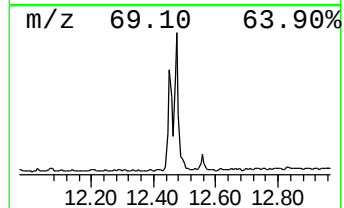
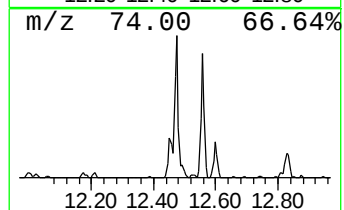
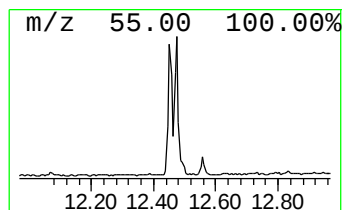
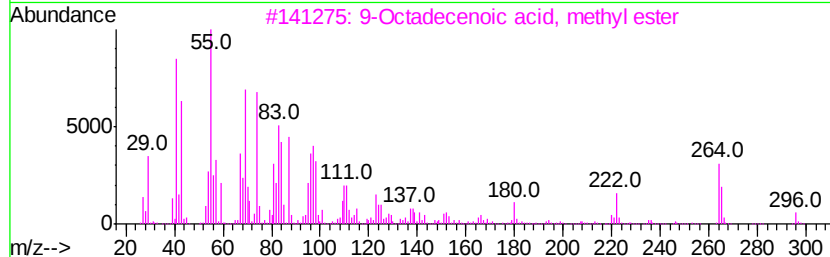
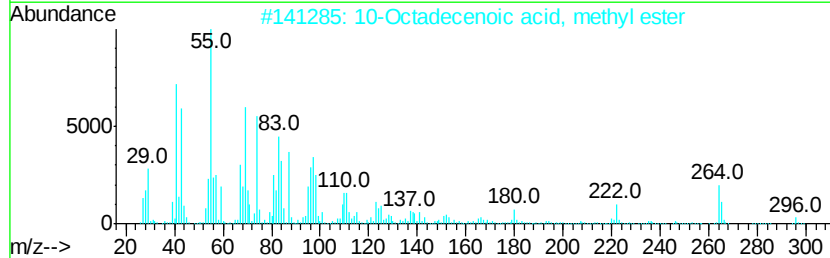
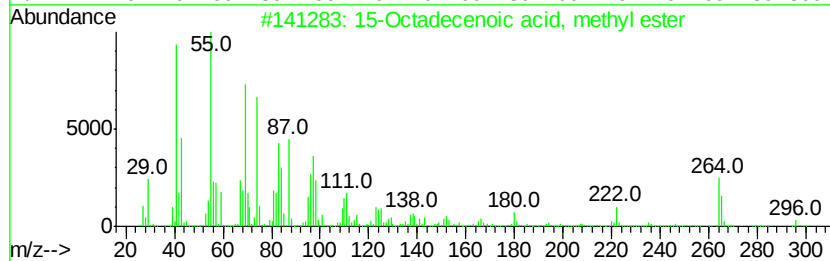
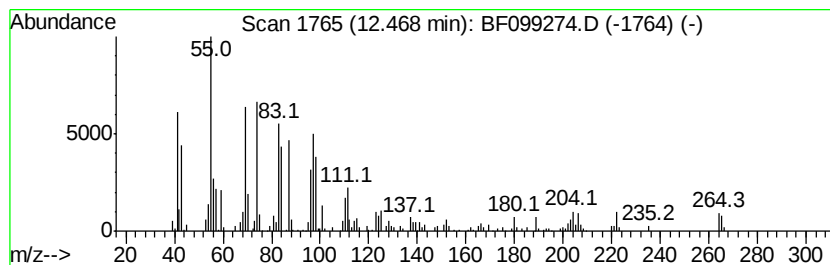
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 15-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	17.32 ng	651076	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
2		10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
3		9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	99
4		cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1000333-58-3	97
5		9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100917\
Data File : BF099274.D
Acq On : 9 Oct 2017 20:45
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ClientSampleId :
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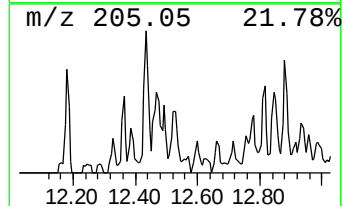
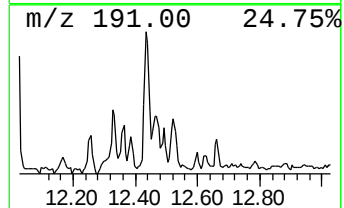
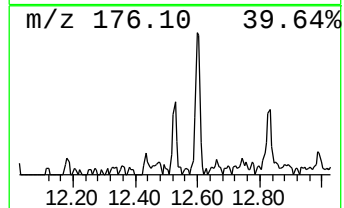
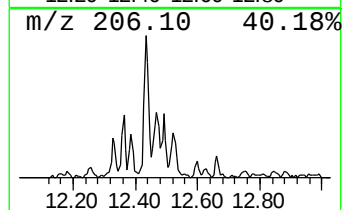
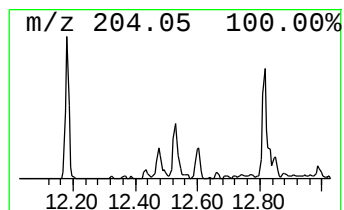
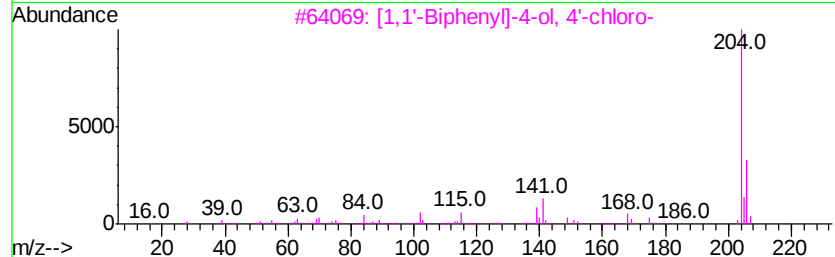
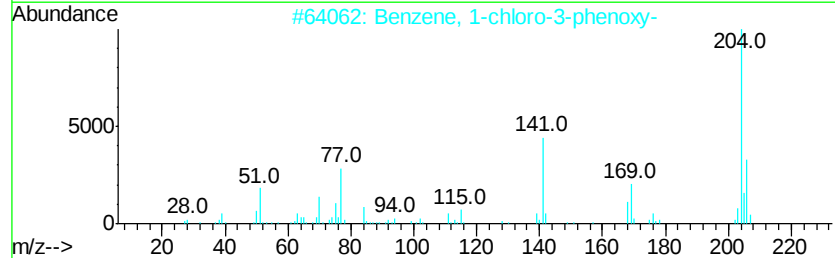
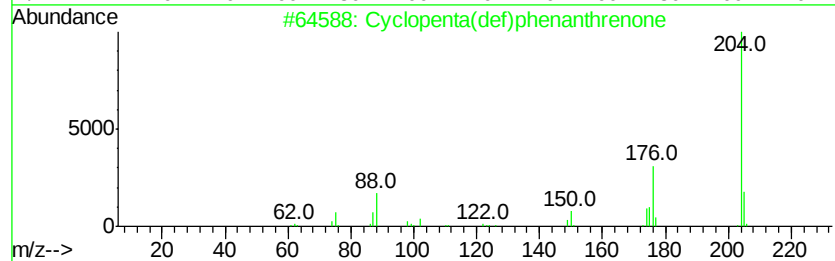
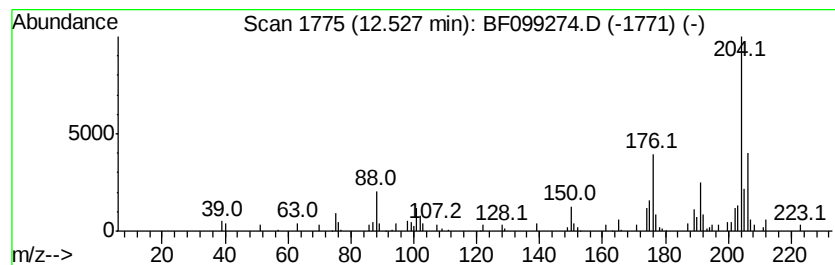
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	2.05 ng	76974	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	64
2		Benzene, 1-chloro-3-phenoxy-	204	C12H9ClO	006452-49-9	47
3		[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43
4		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43
5		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100917\
Data File : BF099274.D
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Sample : I5708-01 5X
Misc :
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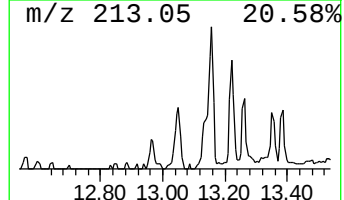
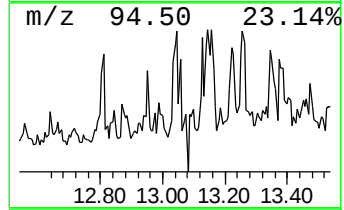
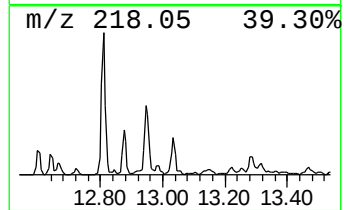
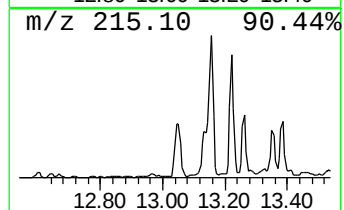
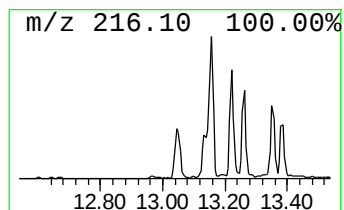
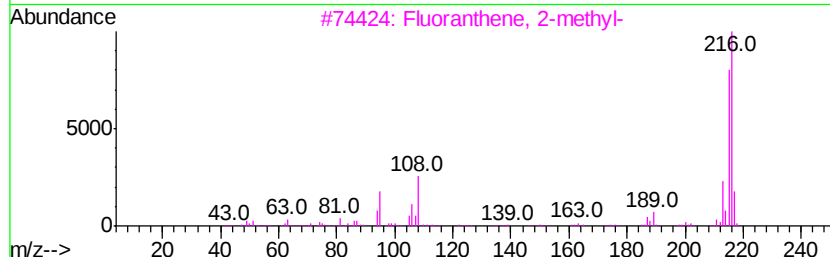
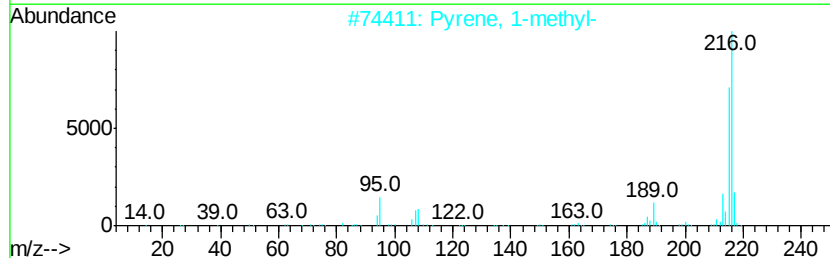
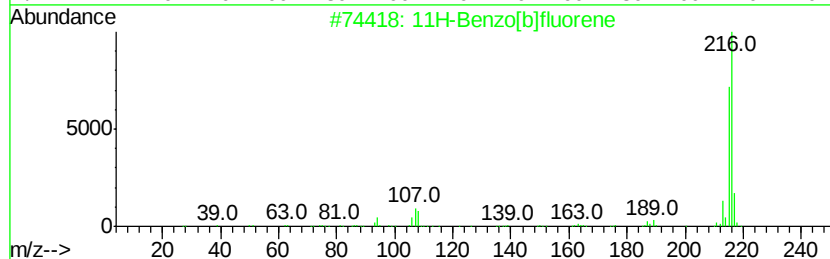
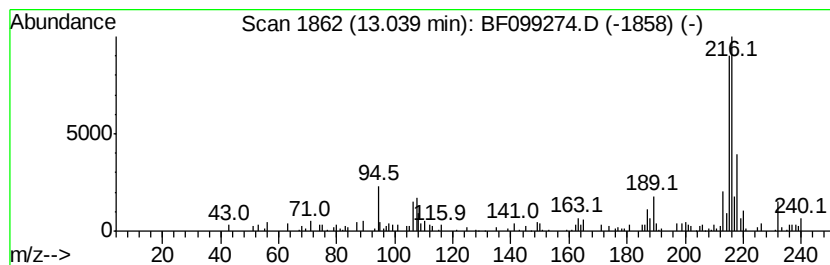
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	2.43 ng	129270	Chrysene-d12	14.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 93
2		Pyrene, 1-methyl-	216 C17H12	002381-21-7 93
3		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 81
4		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 74
5		Pyrene, 2-methyl-	216 C17H12	003442-78-2 70



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100917\
Data File : BF099274.D
Acq On : 9 Oct 2017 20:45
Operator : SJ/JU
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NB-08-100517

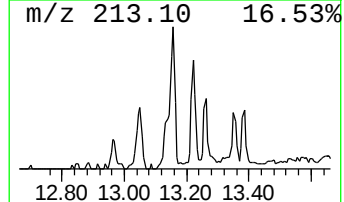
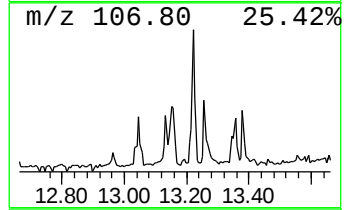
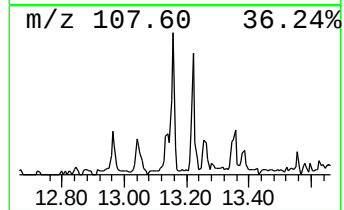
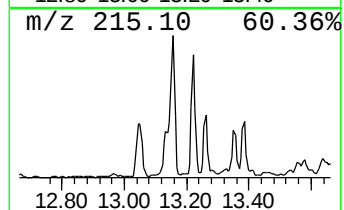
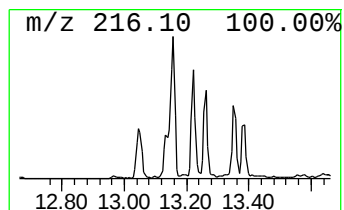
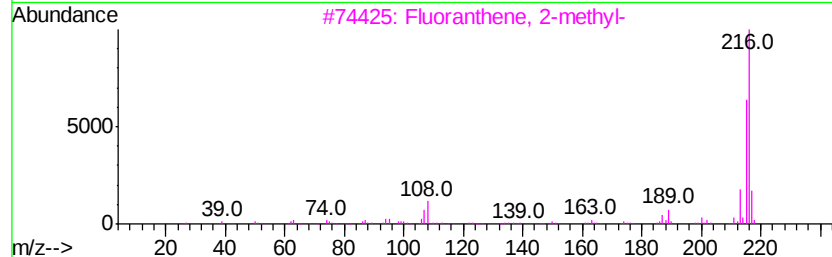
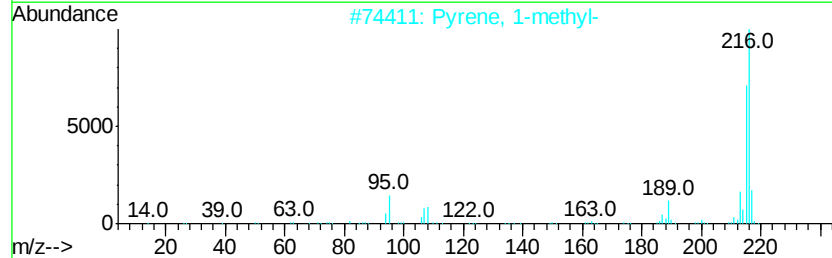
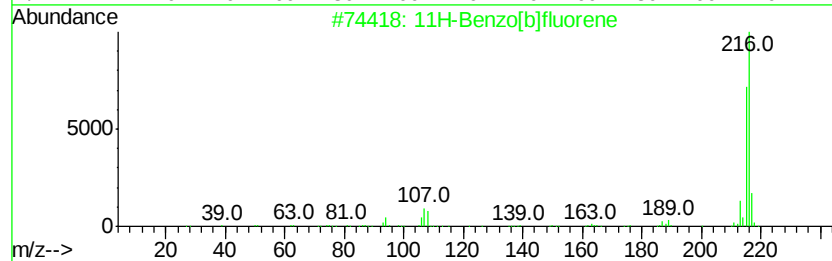
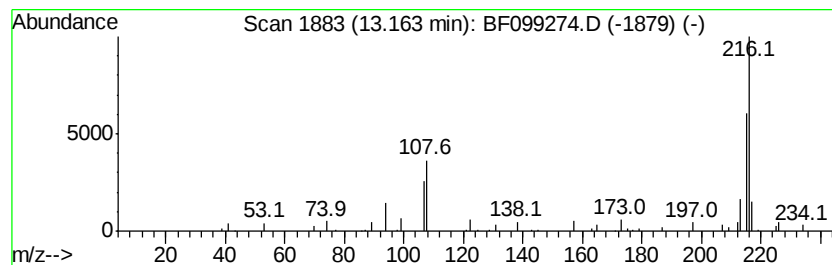
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	2.82 ng	149838	Chrysene-d12	14.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100917\
Data File : BF099274.D
Acq On : 9 Oct 2017 20:45
Operator : SJ/JU
Sample : I5708-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

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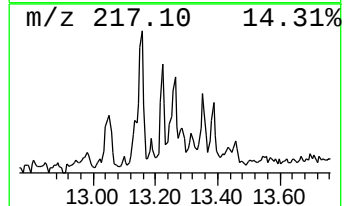
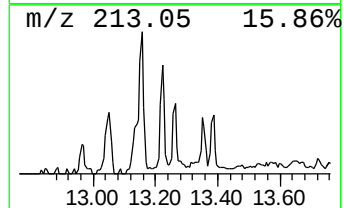
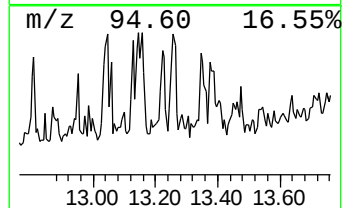
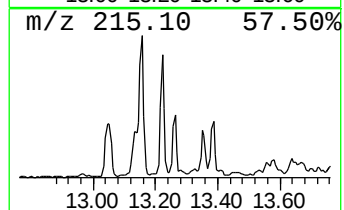
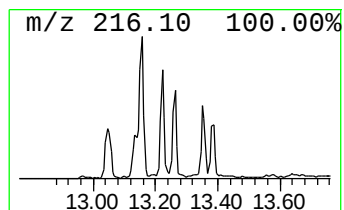
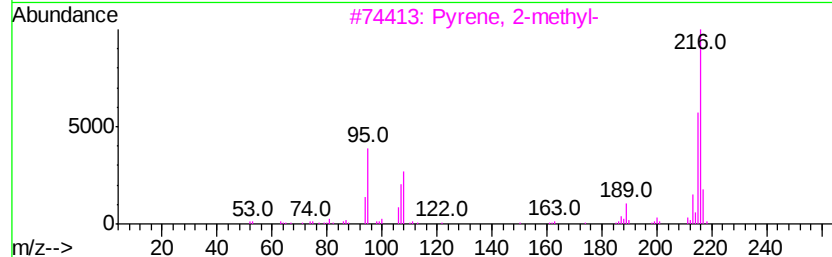
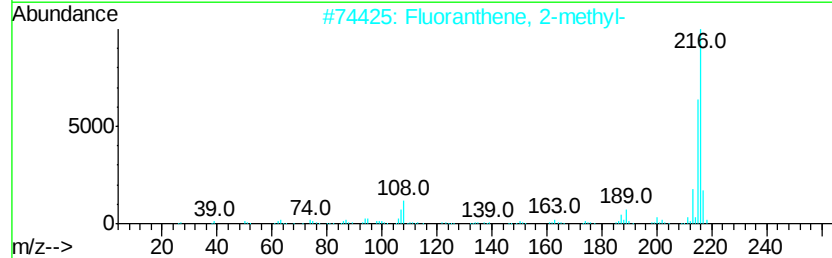
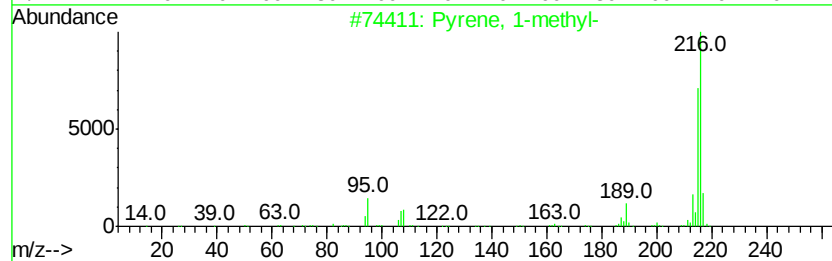
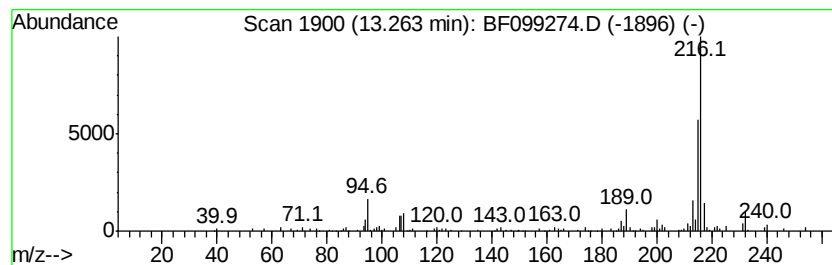
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Fluoranthene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	2.15 ng	114534	Chrysene-d12	14.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
3			Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
4			Pyrene, 4-methyl-	216	C17H12	003353-12-6	83
5			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100917\
Data File : BF099274.D
Acq On : 9 Oct 2017 20:45
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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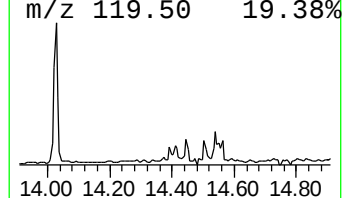
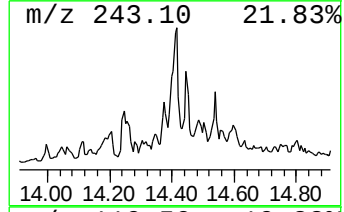
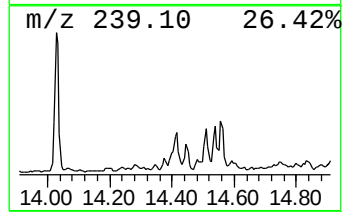
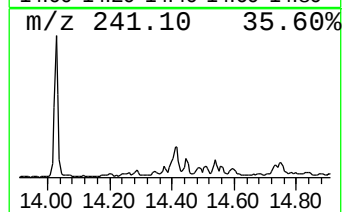
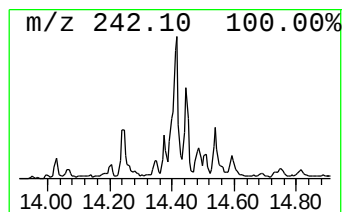
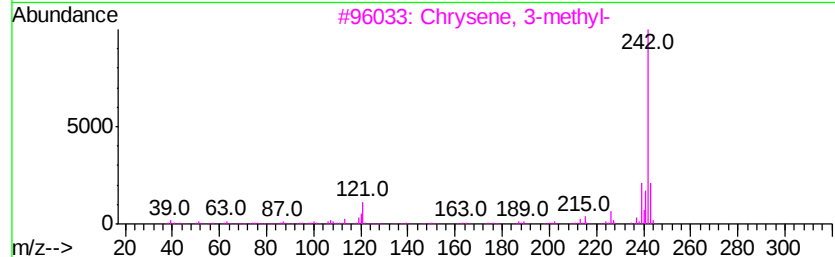
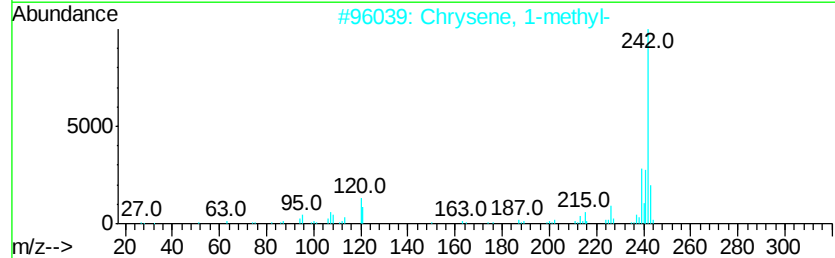
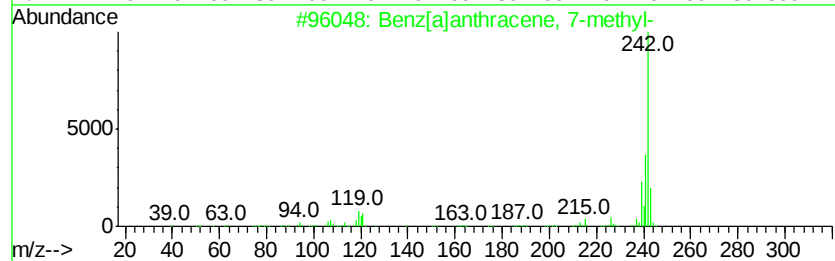
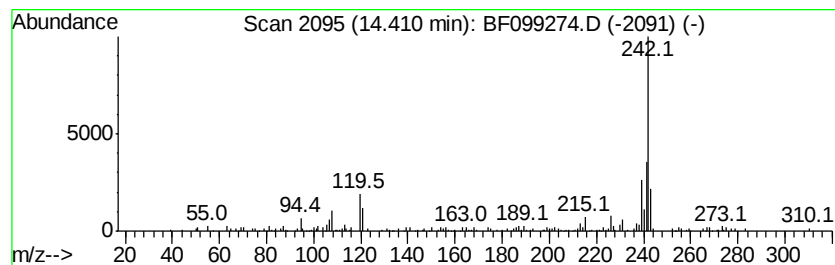
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benz[a]anthracene, 7-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	2.15 ng	114248	Chrysene-d12	14.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	90
2			Chrysene, 1-methyl-	242	C19H14	003351-28-8	89
3			Chrysene, 3-methyl-	242	C19H14	003351-31-3	86
4			Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	86
5			1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100917\
Data File : BF099274.D
Acq On : 9 Oct 2017 20:45
Operator : SJ/JU
Sample : I5708-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NB-08-100517

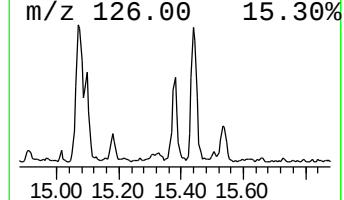
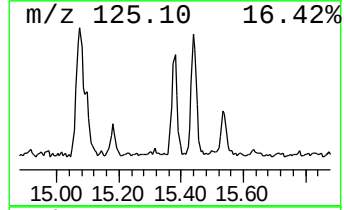
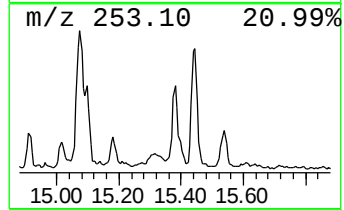
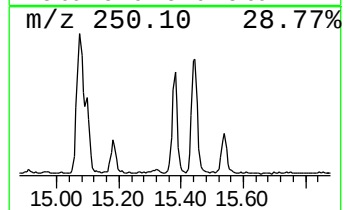
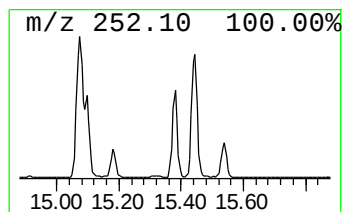
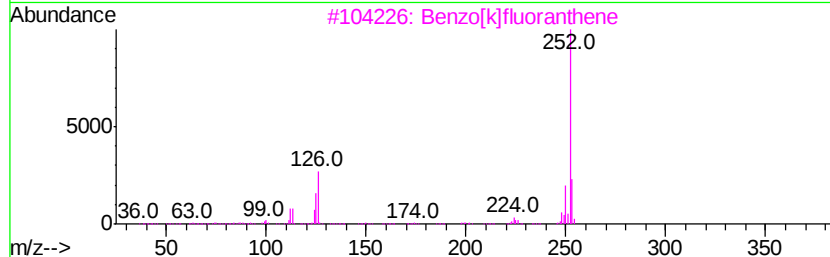
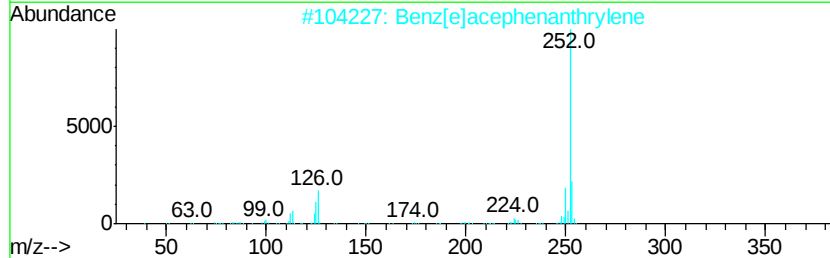
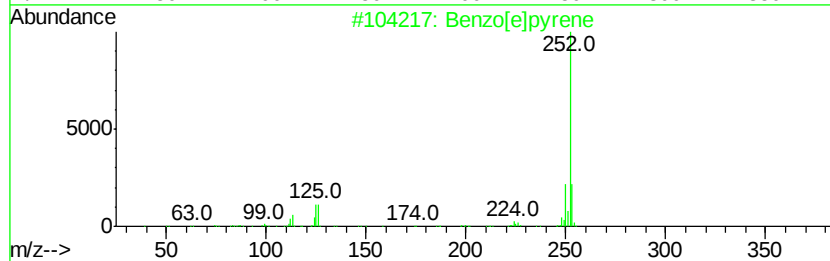
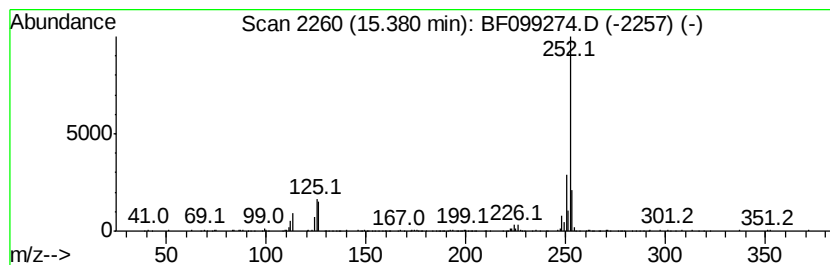
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.38	7.55 ng	227294	Perylene-d12	15.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	97
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
4		Perylene	252	C20H12	000198-55-0	93
5		Benzo[a]pyrene	252	C20H12	000050-32-8	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100917\
 Data File : BF099274.D
 Acq On : 9 Oct 2017 20:45
 Operator : SJ/JU
 Sample : I5708-01 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-100517

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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...	5.07	2.5	ng	75921	1	6.86	620579	20.0
unknown6.63	6.63	15.8	ng	491547	1	6.86	620579	20.0
Dibenzothiophene	11.28	2.2	ng	81865	4	11.39	751683	20.0
Hexadecanoic acid...	11.77	7.0	ng	264961	4	11.39	751683	20.0
Phenanthrene, 2-m...	11.89	3.5	ng	133404	4	11.39	751683	20.0
Anthracene, 9-met...	11.92	4.1	ng	154256	4	11.39	751683	20.0
4H-Cyclopenta[def...	12.00	6.0	ng	226156	4	11.39	751683	20.0
1H-Cyclopropa[l]p...	12.02	2.2	ng	83041	4	11.39	751683	20.0
Naphthalene, 2-ph...	12.18	2.2	ng	83087	4	11.39	751683	20.0
9,12-Octadecadien...	12.45	22.6	ng	851003	4	11.39	751683	20.0
15-Octadecenoic a...	12.47	17.3	ng	651076	4	11.39	751683	20.0
Cyclopenta(def)ph...	12.53	2.0	ng	76974	4	11.39	751683	20.0
11H-Benzo[b]fluorene	13.04	2.4	ng	129270	5	14.03	1064060	20.0
Pyrene, 1-methyl-	13.16	2.8	ng	149838	5	14.03	1064060	20.0
Fluoranthene, 2-m...	13.26	2.1	ng	114534	5	14.03	1064060	20.0
Benz[a]anthracene...	14.41	2.1	ng	114248	5	14.03	1064060	20.0
Benzo[e]pyrene	15.38	7.5	ng	227294	6	15.51	602230	20.0