

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092317\
 Data File : BF098755.D
 Acq On : 23 Sep 2017 22:52
 Operator : SJ/JU
 Sample : I5360-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-C-COMP

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	4.022	324	329	334	rVB	66345	80007	3.23%	0.243%
2	5.134	515	518	527	rVB	180655	169905	6.86%	0.515%
3	5.528	579	585	589	rBV2	1050218	1030824	41.60%	3.127%
4	5.769	622	626	630	rVB3	96336	129259	5.22%	0.392%
5	6.445	739	741	744	rBV	51327	43510	1.76%	0.132%
6	6.533	751	756	760	rBV	1069189	903523	36.46%	2.741%
7	6.686	778	782	785	rBV	1105498	933630	37.68%	2.832%
8	6.745	789	792	797	rBV2	195545	188823	7.62%	0.573%
9	6.922	818	822	825	rBV	1056617	818177	33.02%	2.482%
10	6.975	828	831	834	rBV	52122	49293	1.99%	0.150%
11	7.075	844	848	851	rBV	901853	707473	28.55%	2.146%
12	7.192	861	868	871	rBV3	29535	47875	1.93%	0.145%
13	7.475	913	916	920	rVB	595616	516889	20.86%	1.568%
14	7.939	989	995	1001	rBV6	38494	74033	2.99%	0.225%
15	8.204	1036	1040	1042	rBV	1256058	1042447	42.07%	3.162%
16	8.222	1042	1043	1046	rVB	444930	311875	12.59%	0.946%
17	8.916	1158	1161	1164	rVB	221467	170810	6.89%	0.518%
18	9.016	1173	1178	1181	rBV	164825	153472	6.19%	0.466%
19	9.274	1218	1222	1225	rBV	1292685	966468	39.00%	2.932%
20	9.351	1232	1235	1237	rBV	59118	51017	2.06%	0.155%
21	9.539	1264	1267	1271	rBV	91661	120193	4.85%	0.365%
22	9.616	1276	1280	1282	rBV	157881	143469	5.79%	0.435%
23	9.639	1282	1284	1286	rVV	86710	65639	2.65%	0.199%
24	9.669	1286	1289	1297	rVB3	133663	158230	6.39%	0.480%
25	9.733	1297	1300	1302	rBV	85712	81853	3.30%	0.248%
26	9.816	1311	1314	1318	rVB	162003	143034	5.77%	0.434%
27	9.880	1321	1325	1328	rVB	64177	55436	2.24%	0.168%
28	9.957	1335	1338	1341	rVV2	1024251	870856	35.14%	2.642%
29	9.992	1341	1344	1347	rVB	324281	269277	10.87%	0.817%
30	10.063	1352	1356	1360	rVB2	43028	57058	2.30%	0.173%
31	10.116	1360	1365	1367	rBV3	36173	54155	2.19%	0.164%
32	10.163	1367	1373	1376	rVB2	213680	226563	9.14%	0.687%
33	10.198	1376	1379	1383	rBV2	85828	74165	2.99%	0.225%
34	10.274	1387	1392	1394	rBV3	63339	76081	3.07%	0.231%

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35	10.363	1403	1407	1408	rBV3	56850	65477	2.64%	0.199%
36	10.380	1408	1410	1413	rVB	116731	81408	3.29%	0.247%
37	10.504	1428	1431	1437	rVB	408178	355709	14.35%	1.079%
38	10.592	1444	1446	1449	rVV2	81378	95711	3.86%	0.290%
39	10.663	1452	1458	1461	rVB3	76449	94895	3.83%	0.288%
40	10.739	1466	1471	1475	rVV	518219	508471	20.52%	1.542%
41	10.786	1475	1479	1483	rVB3	39241	60263	2.43%	0.183%
42	10.868	1491	1493	1496	rVB	134830	108952	4.40%	0.331%
43	11.051	1519	1524	1527	rBV2	97224	121621	4.91%	0.369%
44	11.080	1527	1529	1532	rVV2	71392	62960	2.54%	0.191%
45	11.133	1536	1538	1541	rVB2	59046	51389	2.07%	0.156%
46	11.180	1541	1546	1547	rBV2	48694	66243	2.67%	0.201%
47	11.204	1547	1550	1554	rVV3	52285	69597	2.81%	0.211%
48	11.245	1554	1557	1561	rVV2	70717	71211	2.87%	0.216%
49	11.304	1562	1567	1569	rVV4	93809	123034	4.96%	0.373%
50	11.339	1569	1573	1578	rVB2	175834	197663	7.98%	0.600%
51	11.445	1587	1591	1593	rBV	920038	838967	33.86%	2.545%
52	11.468	1593	1595	1599	rVV	2030235	1860156	75.06%	5.643%
53	11.521	1599	1604	1606	rVV	638847	543824	21.95%	1.650%
54	11.551	1606	1609	1612	rVV2	62355	78166	3.15%	0.237%
55	11.604	1615	1618	1623	rVV5	38442	63534	2.56%	0.193%
56	11.668	1623	1629	1634	rVV2	200921	256224	10.34%	0.777%
57	11.727	1636	1639	1643	rVV2	73909	110972	4.48%	0.337%
58	11.774	1645	1647	1653	rVB2	80306	74376	3.00%	0.226%
59	11.857	1658	1661	1665	rVB	49407	57155	2.31%	0.173%
60	11.945	1673	1676	1678	rBV	306847	262234	10.58%	0.795%
61	11.974	1678	1681	1684	rVB	395815	343778	13.87%	1.043%
62	12.021	1685	1689	1692	rBV	139611	134874	5.44%	0.409%
63	12.057	1692	1695	1698	rVV2	461797	525617	21.21%	1.594%
64	12.080	1698	1699	1702	rVB	201440	111287	4.49%	0.338%
65	12.139	1706	1709	1712	rVB2	51438	60285	2.43%	0.183%
66	12.239	1723	1726	1728	rBV	193217	156739	6.33%	0.475%
67	12.263	1728	1730	1733	rVB2	129063	109736	4.43%	0.333%
68	12.386	1749	1751	1754	rVB	62941	56773	2.29%	0.172%
69	12.421	1754	1757	1759	rBV	82070	74009	2.99%	0.225%
70	12.445	1759	1761	1763	rVB2	68815	54013	2.18%	0.164%
71	12.492	1766	1769	1772	rBV	173882	181567	7.33%	0.551%

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72	12.527	1772	1775	1778	rVV3	122489	146882	5.93%	0.446%
73	12.580	1781	1784	1789	rBV2	109874	146407	5.91%	0.444%
74	12.663	1794	1798	1801	rBV	2605539	2248051	90.72%	6.820%
75	12.698	1801	1804	1806	rBV2	72533	80859	3.26%	0.245%
76	12.751	1810	1813	1815	rBV	78910	70055	2.83%	0.213%
77	12.810	1821	1823	1826	rBV	87526	78018	3.15%	0.237%
78	12.892	1830	1837	1842	rBV	2249549	2478071	100.00%	7.517%
79	12.933	1842	1844	1848	rVB2	101086	120547	4.86%	0.366%
80	13.004	1853	1856	1857	rBV2	137340	116849	4.72%	0.354%
81	13.027	1857	1860	1867	rVB	877691	858358	34.64%	2.604%
82	13.104	1869	1873	1876	rBV2	143179	234969	9.48%	0.713%
83	13.133	1876	1878	1880	rVB	62521	47781	1.93%	0.145%
84	13.215	1889	1892	1895	rVB2	429027	385385	15.55%	1.169%
85	13.251	1896	1898	1900	rBV2	55772	56264	2.27%	0.171%
86	13.280	1900	1903	1905	rVV	379197	319399	12.89%	0.969%
87	13.315	1905	1909	1912	rVV3	221047	345344	13.94%	1.048%
88	13.345	1912	1914	1917	rVB	68918	64157	2.59%	0.195%
89	13.410	1923	1925	1928	rVB	126537	92288	3.72%	0.280%
90	13.439	1928	1930	1934	rBV	115258	135128	5.45%	0.410%
91	13.833	1995	1997	2000	rVB	153853	131994	5.33%	0.400%
92	13.862	2000	2002	2004	rBV	170859	120309	4.85%	0.365%
93	13.886	2004	2006	2009	rBV2	138427	175343	7.08%	0.532%
94	14.080	2035	2039	2043	rBV3	1295160	1883959	76.03%	5.715%
95	14.115	2043	2045	2050	rVB	961340	823816	33.24%	2.499%
96	14.192	2056	2058	2061	rBV	180273	141209	5.70%	0.428%
97	15.145	2215	2220	2223	rBV	651886	1091021	44.03%	3.310%
98	15.456	2270	2273	2278	rVB	352774	458095	18.49%	1.390%
99	15.521	2280	2284	2290	rVB	508424	695752	28.08%	2.111%
100	15.586	2291	2295	2298	rBV	397381	544170	21.96%	1.651%

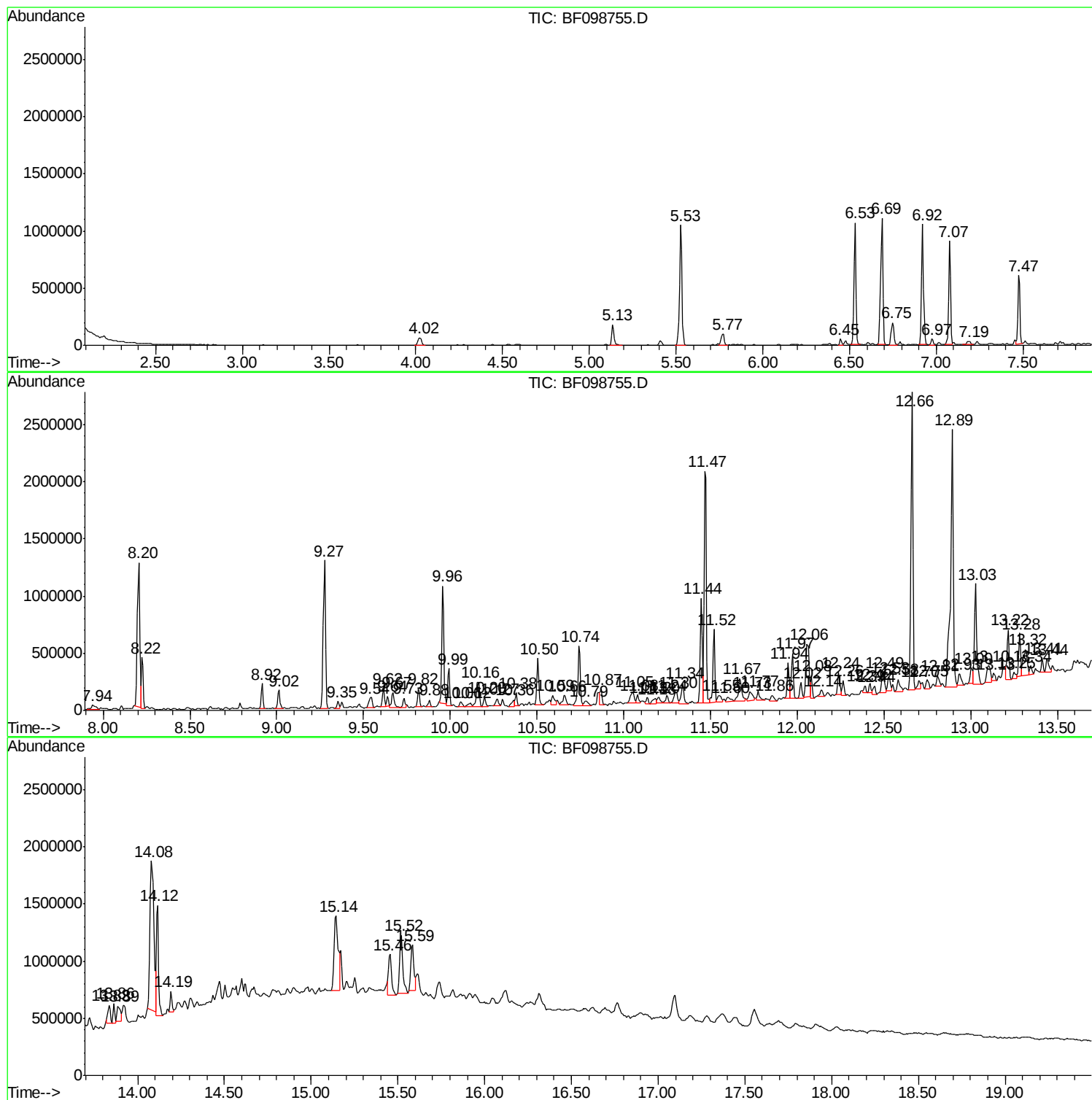
Sum of corrected areas: 32964689

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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



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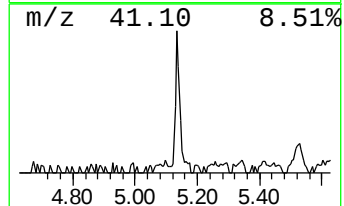
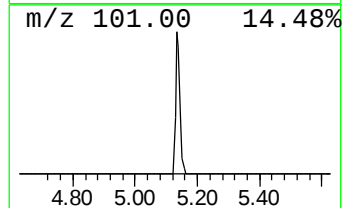
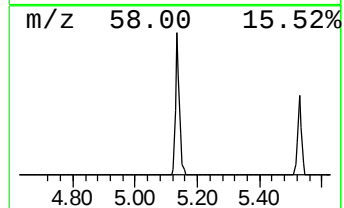
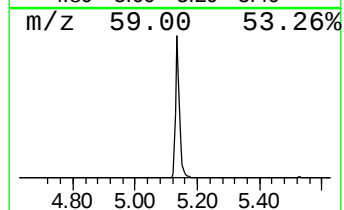
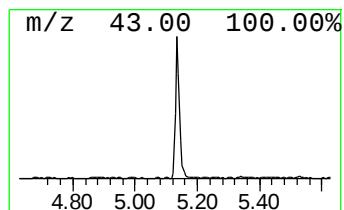
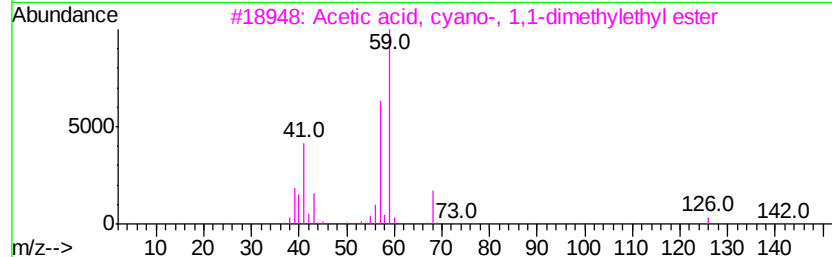
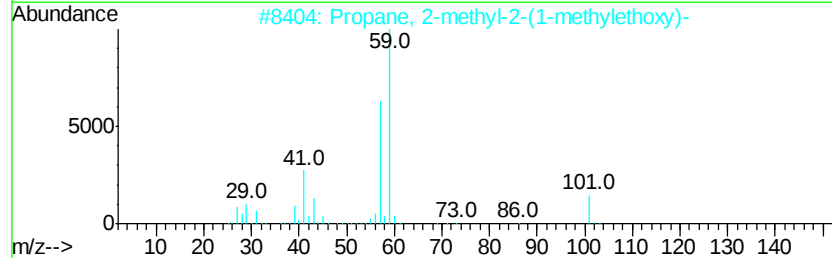
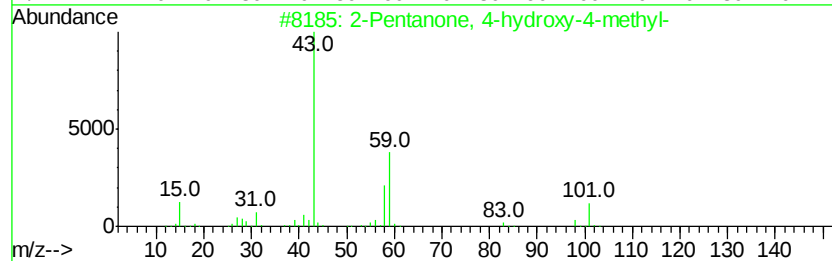
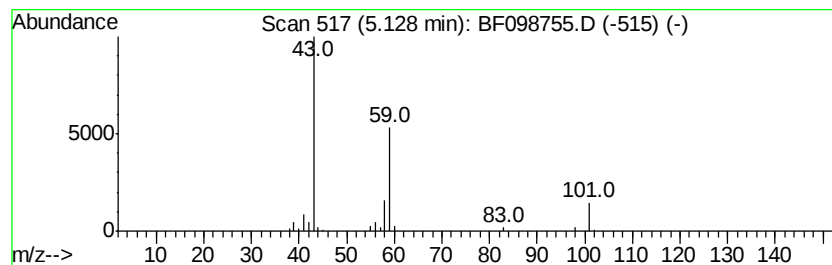
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	4.15 ng	169905	1,4-Dichlorobenzene-d4	6.92

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2		000123-42-2	53
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O		017348-59-3	36
3	Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2		001116-98-9	25
4	2-Hexanol, 2-methyl-	116	C7H16O		000625-23-0	25
5	1-Propen-2-ol, acetate	100	C5H8O2		000108-22-5	10



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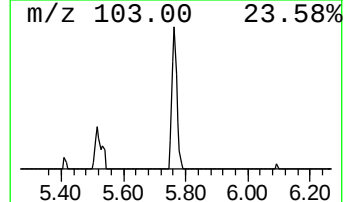
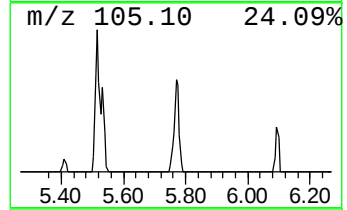
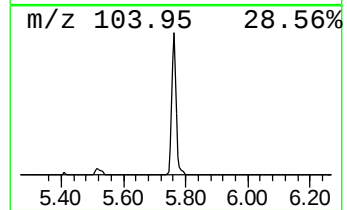
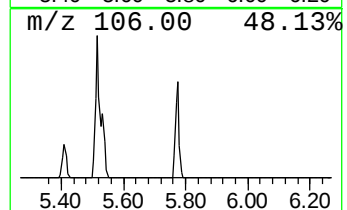
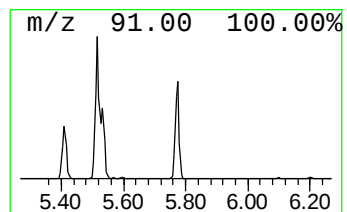
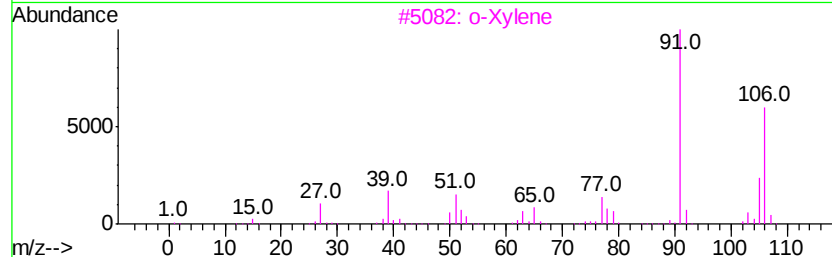
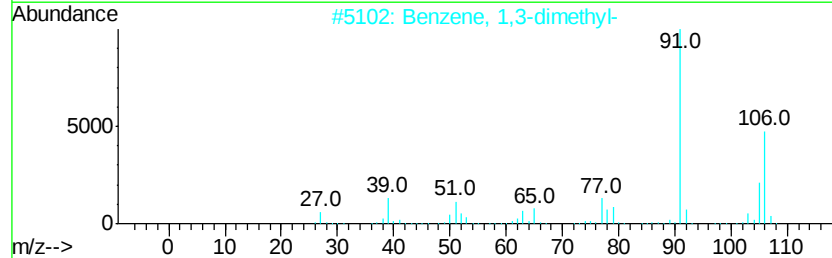
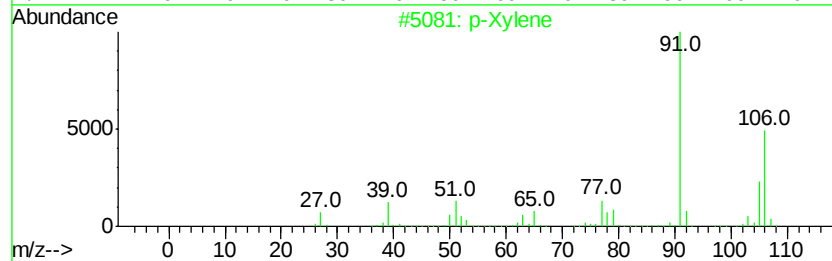
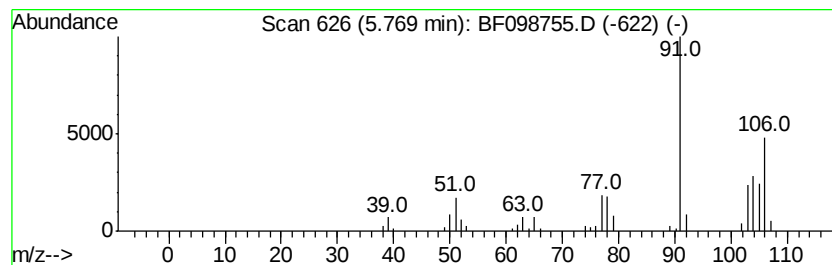
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 p-Xylene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.77	3.16 ng	129259	1,4-Dichlorobenzene-d4	6.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Xylene	106	C8H10	000106-42-3	76
2		Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	70
3		o-Xylene	106	C8H10	000095-47-6	64
4		1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	53
5		1-Cyclohexene, 1-ethynyl-	106	C8H10	1000327-56-5	53



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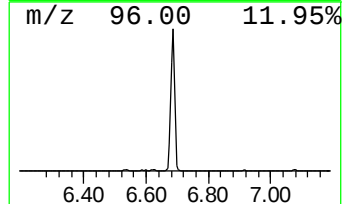
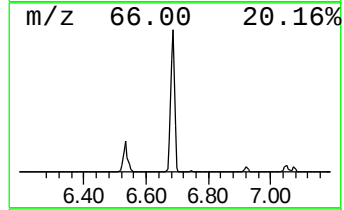
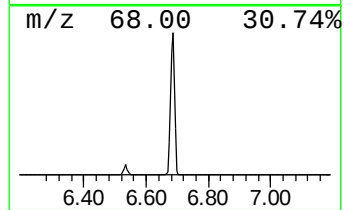
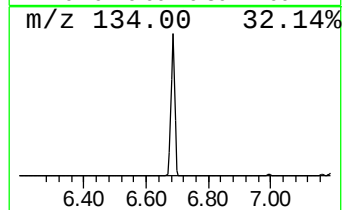
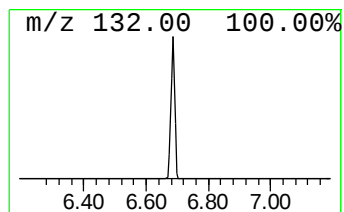
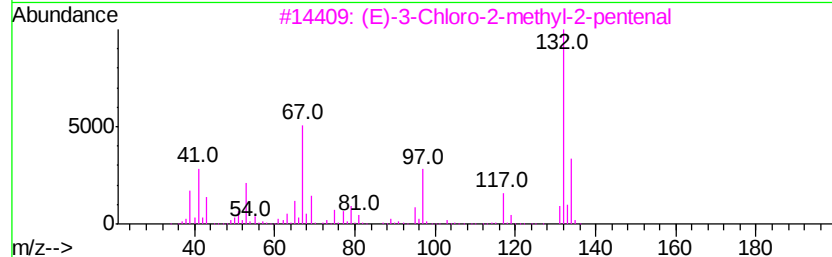
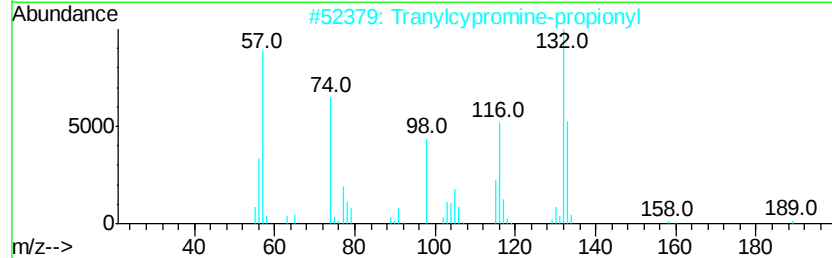
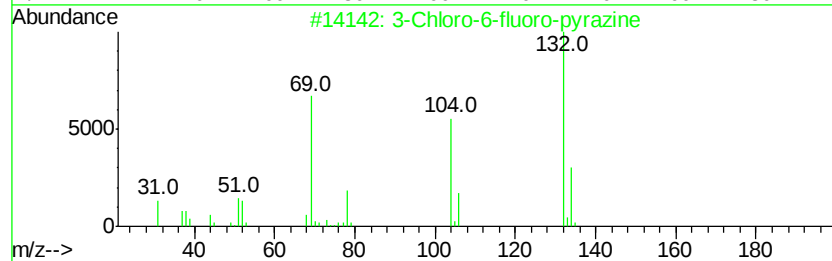
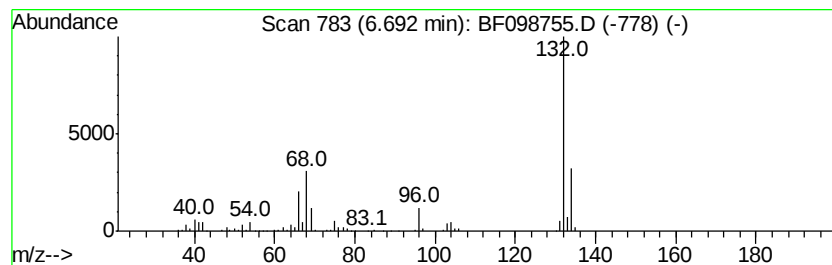
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Peak Number 3 unknown6.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	22.82 ng	933630	1,4-Dichlorobenzene-d4	6.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092317\
Data File : BF098755.D
Acq On : 23 Sep 2017 22:52
Operator : SJ/JU
Sample : I5360-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SP-1-C-COMP

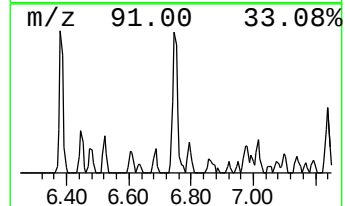
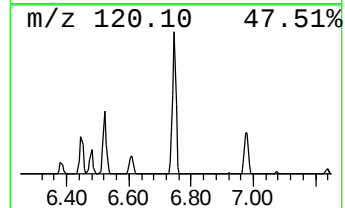
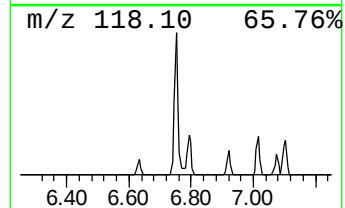
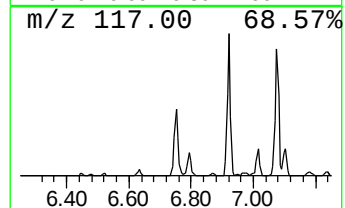
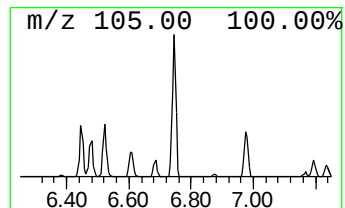
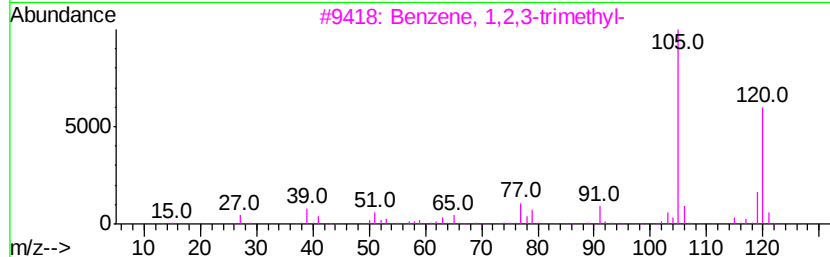
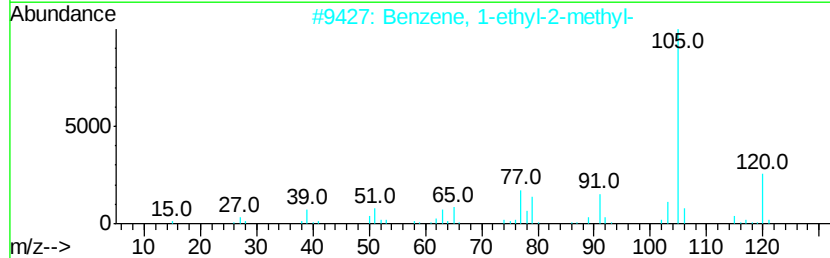
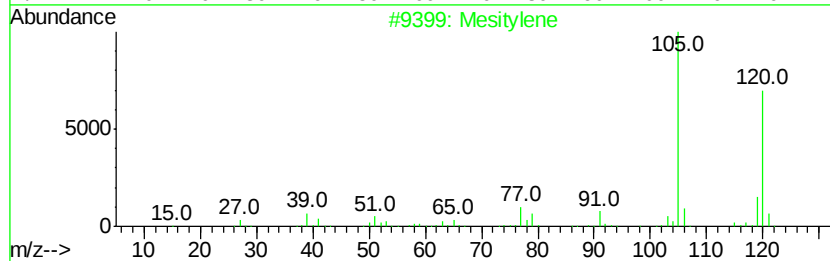
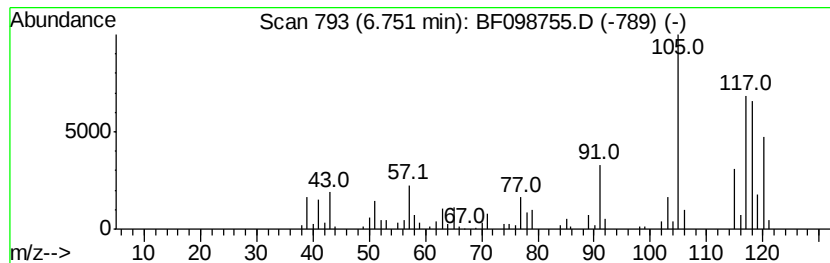
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Mesitylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	4.62 ng	188823	1,4-Dichlorobenzene-d4	6.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Mesitylene	120	C9H12	000108-67-8	93
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	92
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	81
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	81
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	76



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
Data File : BF098755.D
Acq On : 23 Sep 2017 22:52
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ClientSampleId :
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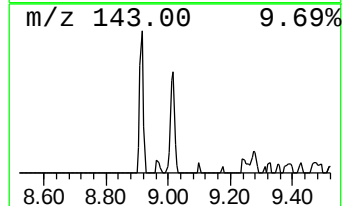
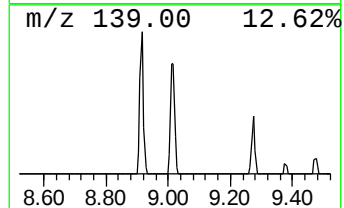
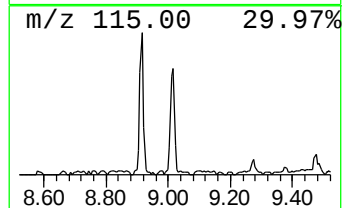
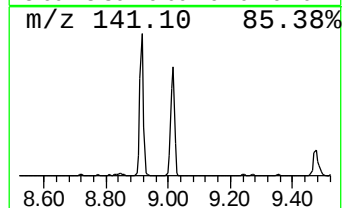
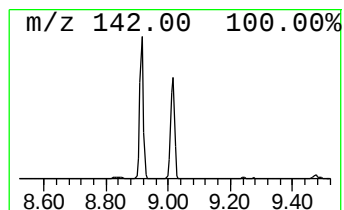
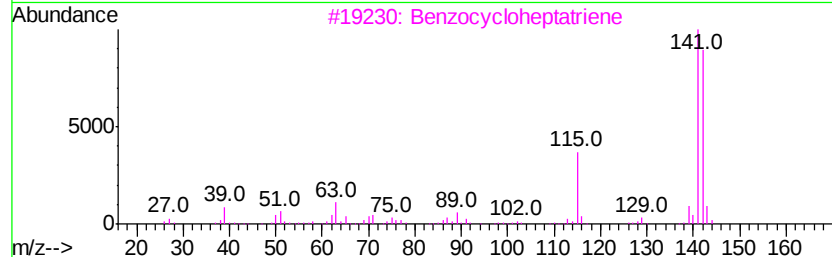
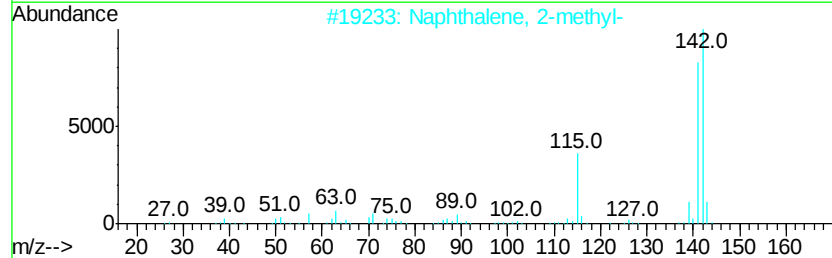
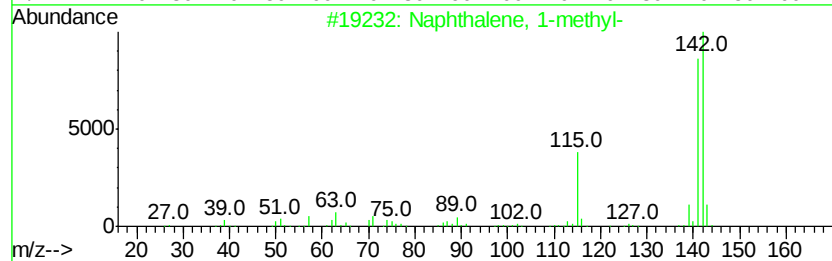
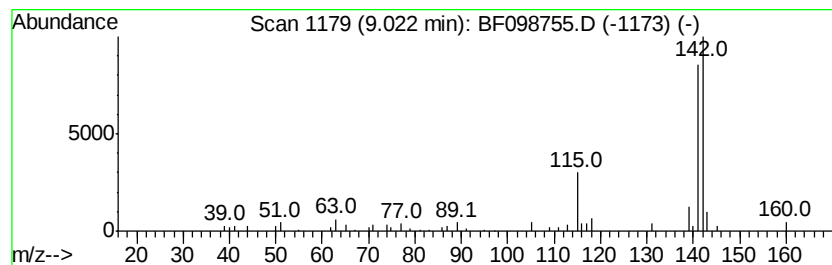
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	2.94 ng	153472	Naphthalene-d8	8.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Benzocycloheptatriene	142	C11H10	000264-09-5	91
4		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
5		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092317\
Data File : BF098755.D
Acq On : 23 Sep 2017 22:52
Operator : SJ/JU
Sample : I5360-05
Misc :
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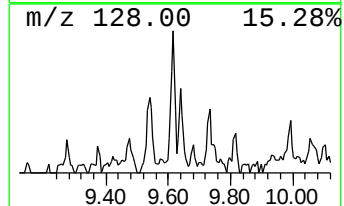
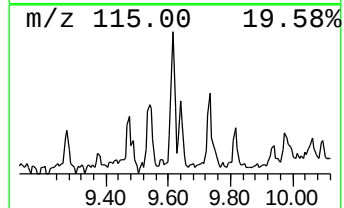
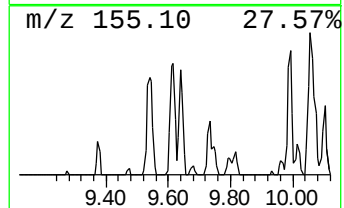
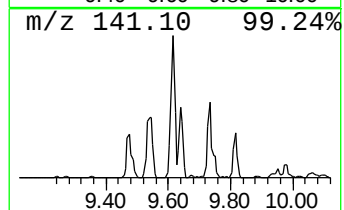
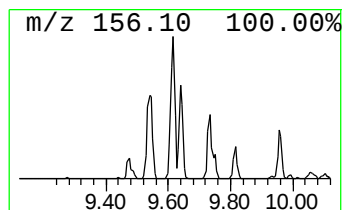
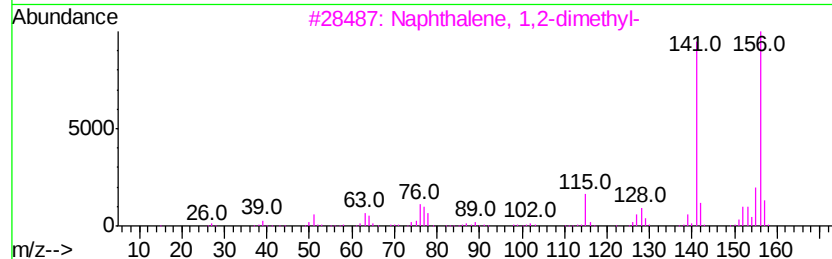
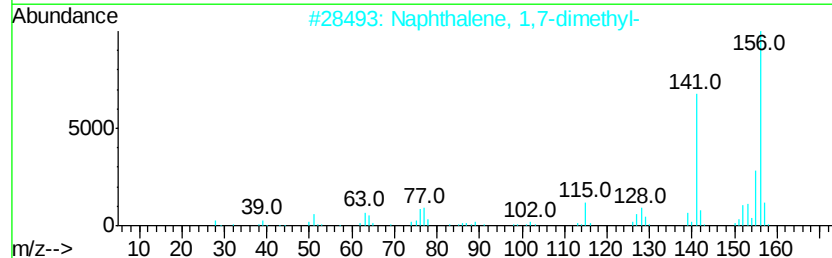
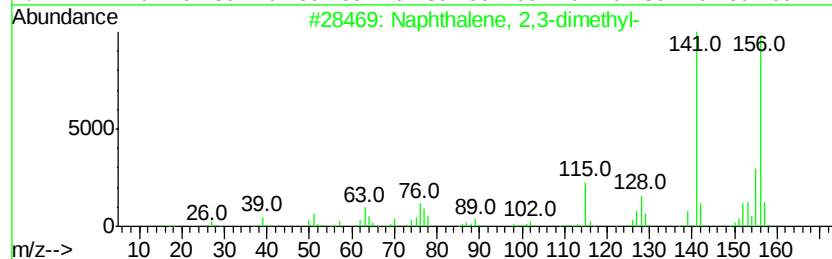
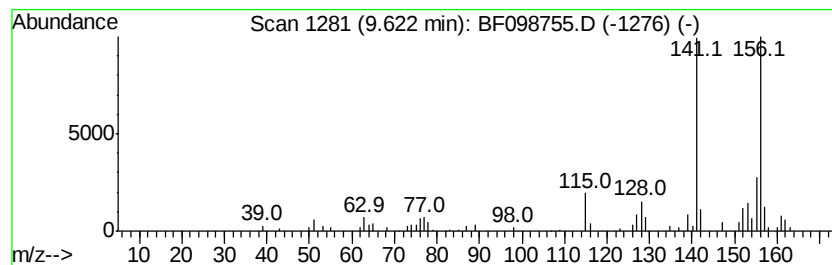
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	3.29 ng	143469	Acenaphthene-d10	9.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
Data File : BF098755.D
Acq On : 23 Sep 2017 22:52
Operator : SJ/JU
Sample : I5360-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

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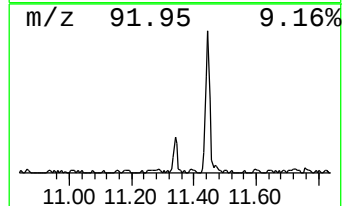
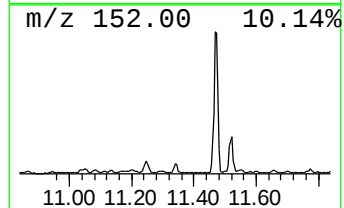
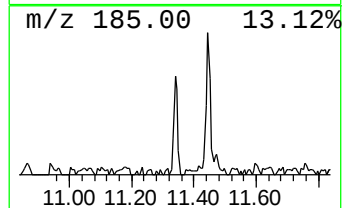
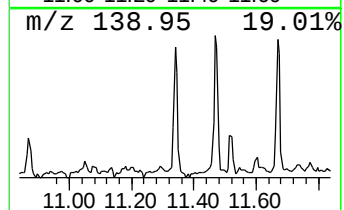
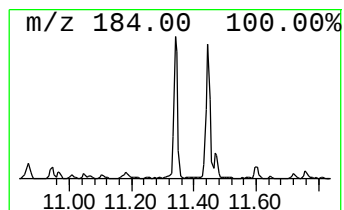
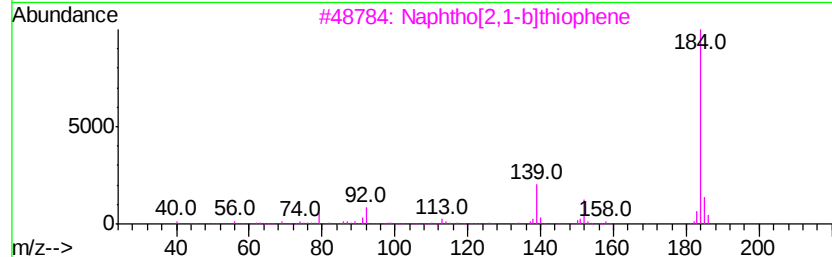
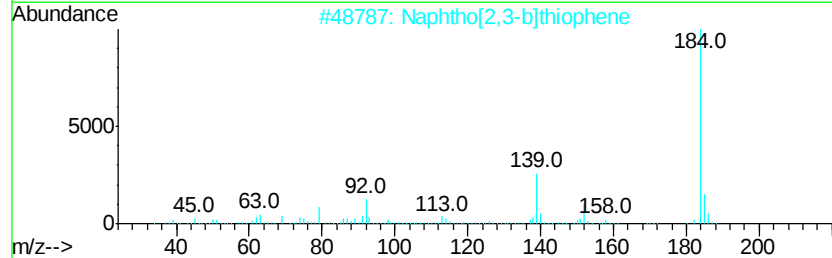
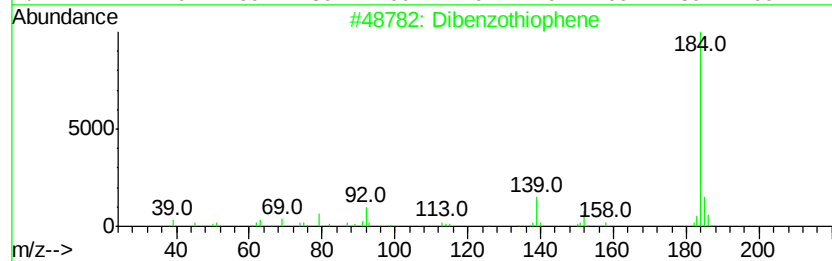
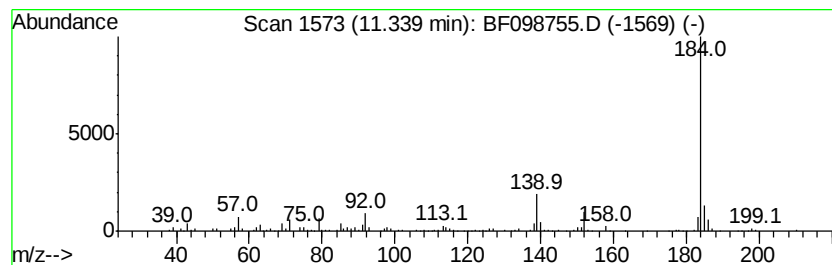
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dibenzothiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	4.71 ng	197663	Phenanthrene-d10	11.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dibenzothiophene	184	C12H8S	000132-65-0	97
2		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
3		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
4		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
5		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092317\
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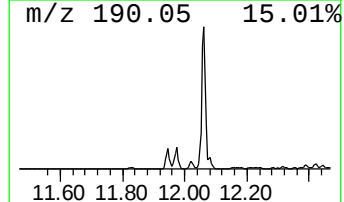
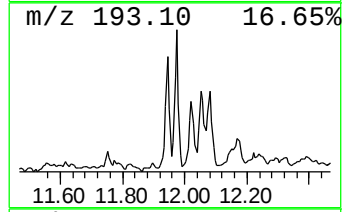
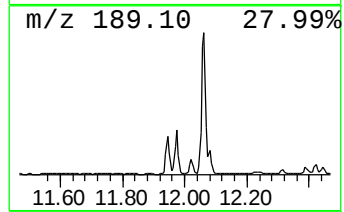
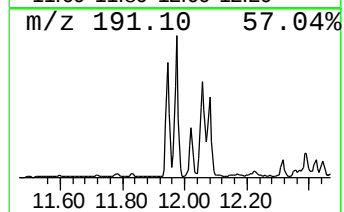
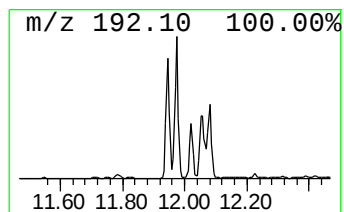
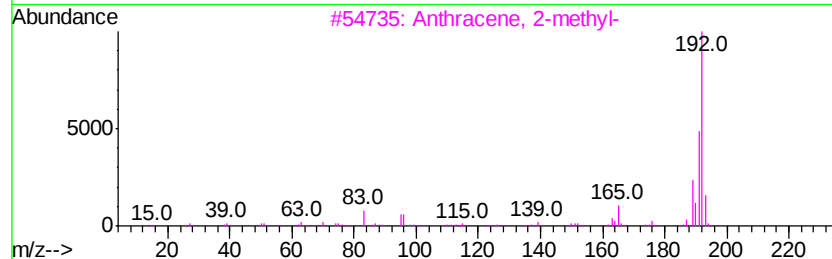
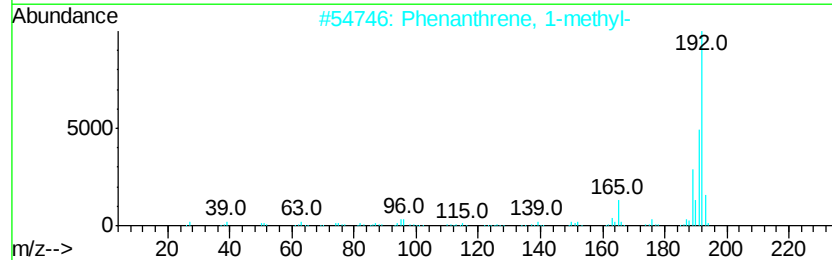
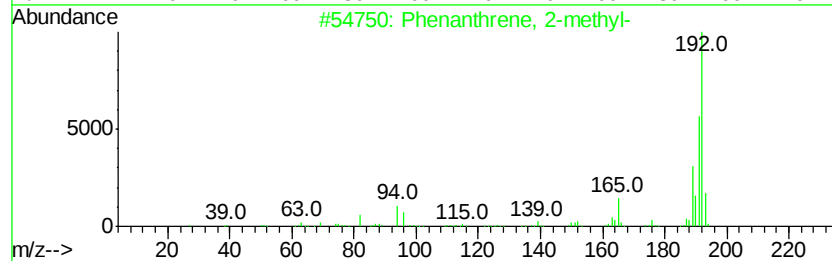
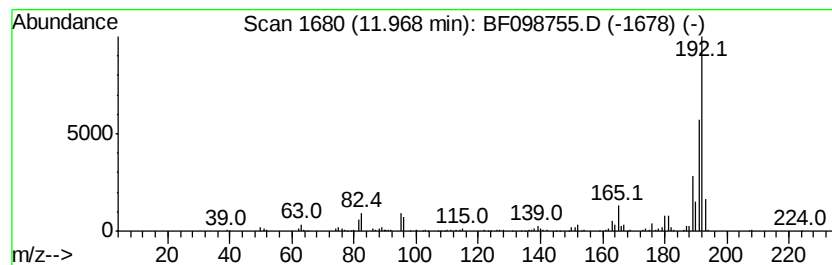
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	8.20 ng	343778	Phenanthrene-d10	11.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	97
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	94
5		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94



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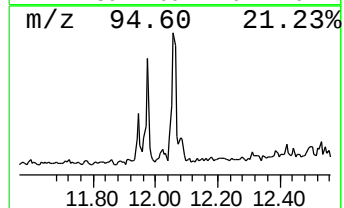
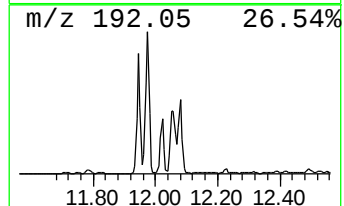
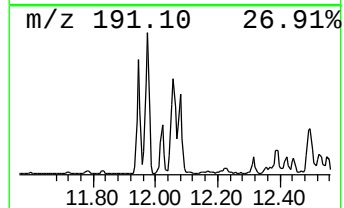
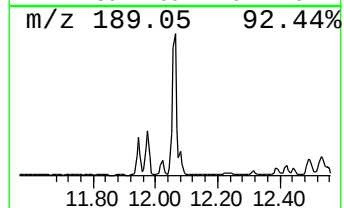
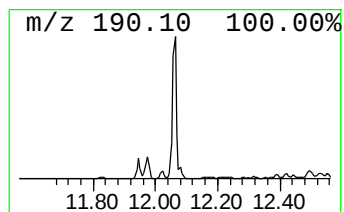
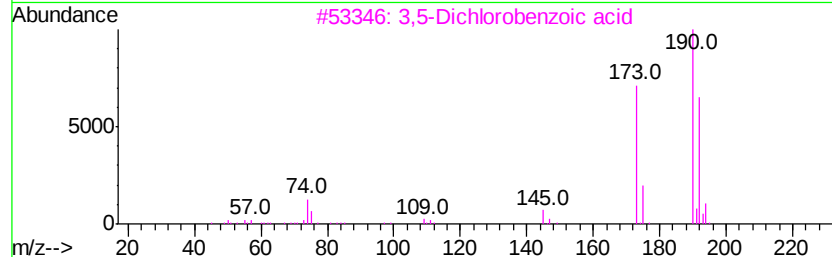
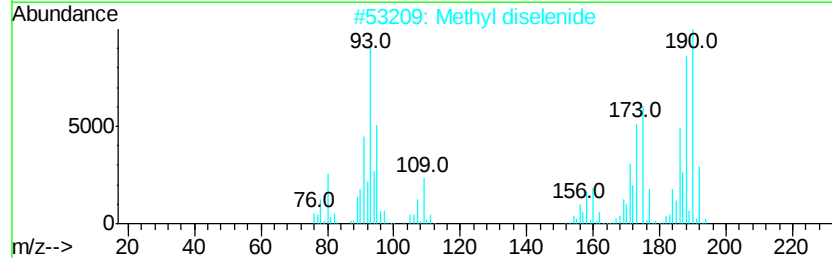
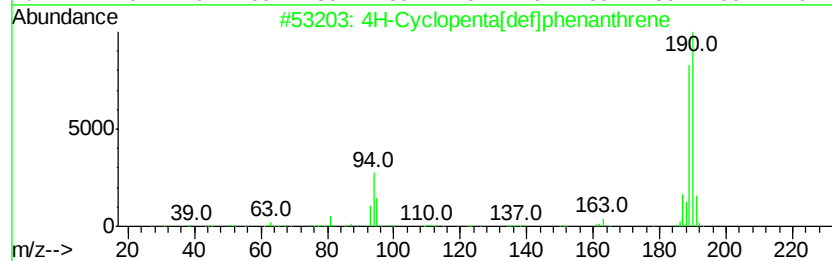
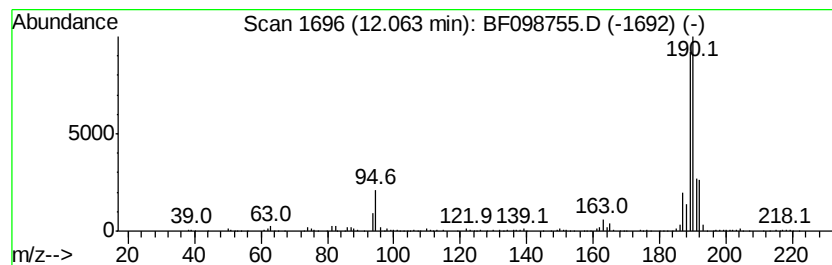
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	12.53 ng	525617	Phenanthrene-d10	11.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2		Methyl diselenide	190	C2H6Se2	007101-31-7	38
3		3,5-Dichlorobenzoic acid	190	C7H4Cl2O2	000051-36-5	30
4		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	14
5		Benzene, 1,1'-(1,2-propadienyld...	192	C15H12	014251-57-1	14



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
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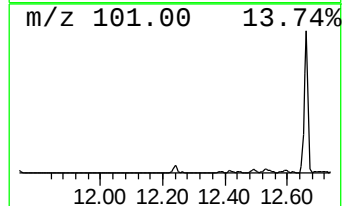
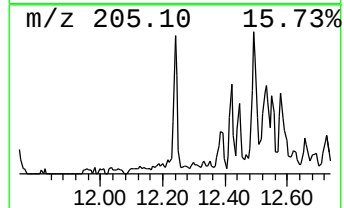
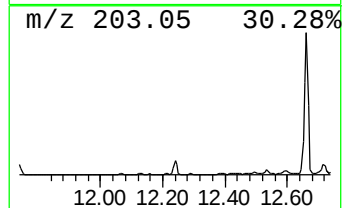
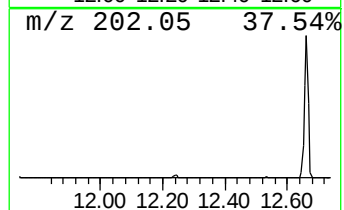
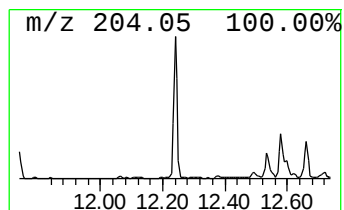
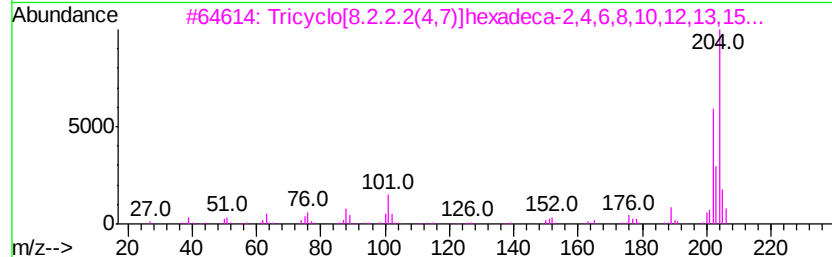
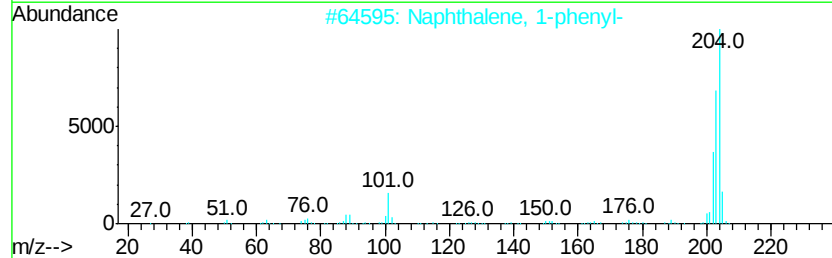
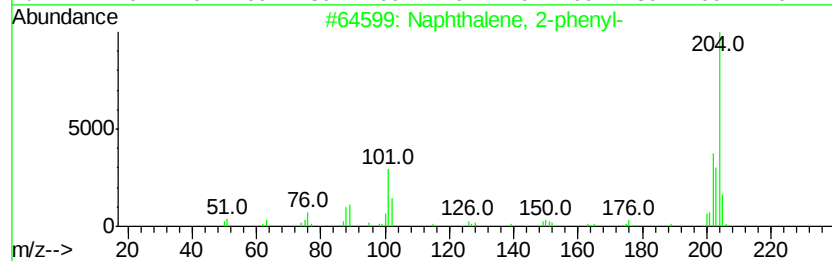
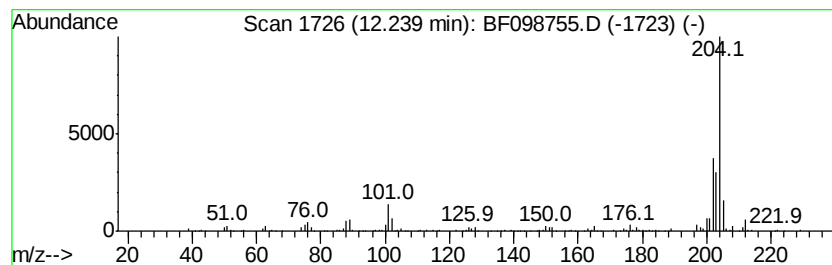
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	3.74 ng	156739	Phenanthrene-d10	11.44

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	86
3		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
4		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53
5		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	52



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
Data File : BF098755.D
Acq On : 23 Sep 2017 22:52
Operator : SJ/JU
Sample : I5360-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1-C-COMP

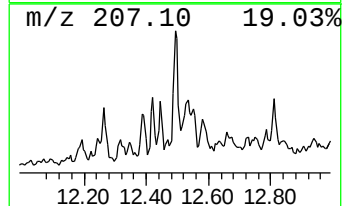
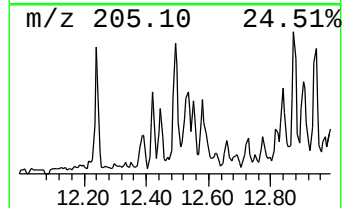
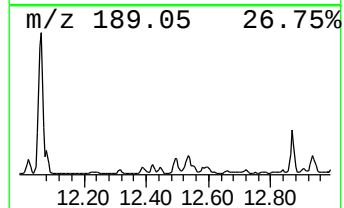
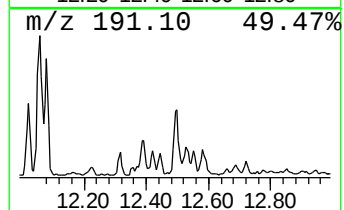
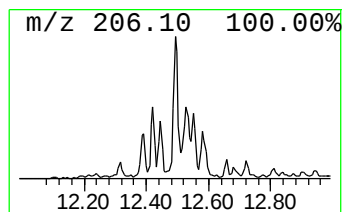
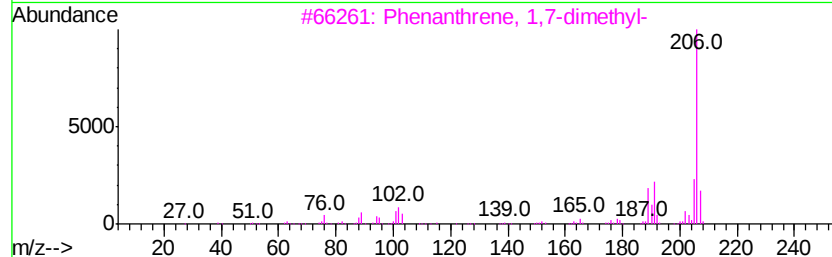
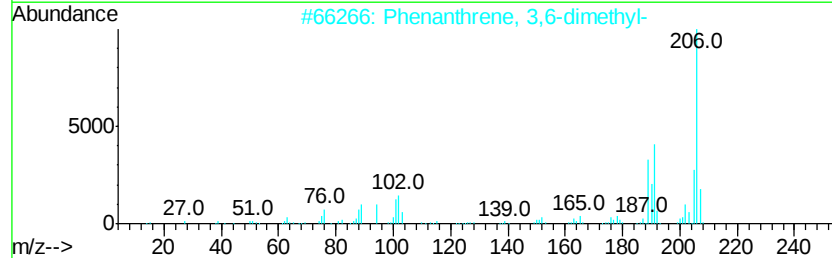
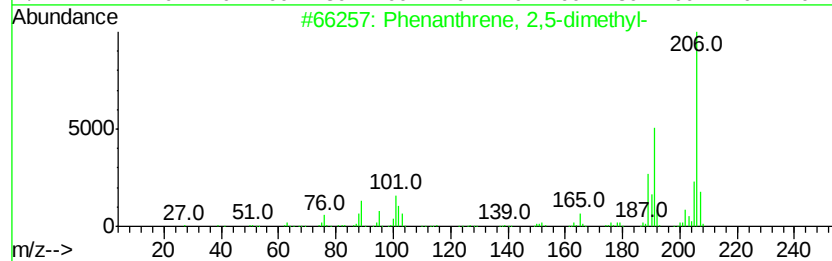
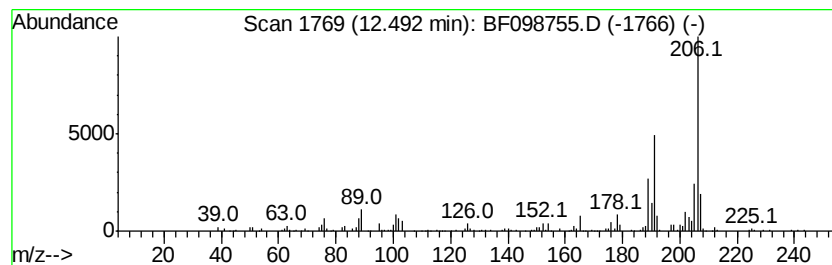
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	4.33 ng	181567	Phenanthrene-d10	11.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
4		9,10-Dimethylantracene	206	C16H14	000781-43-1	91
5		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092317\
Data File : BF098755.D
Acq On : 23 Sep 2017 22:52
Operator : SJ/JU
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Instrument :
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ClientSampleId :
SP-1-C-COMP

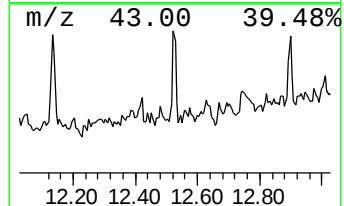
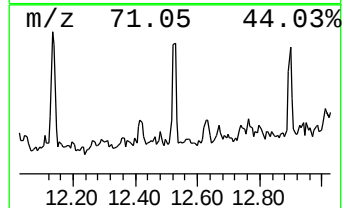
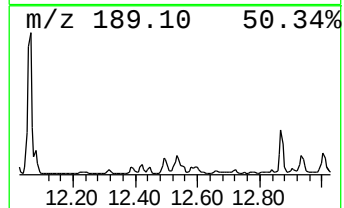
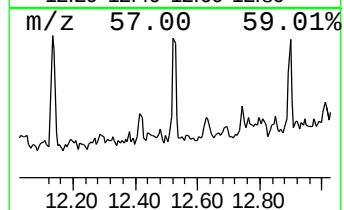
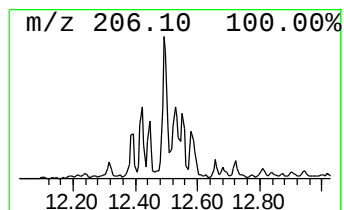
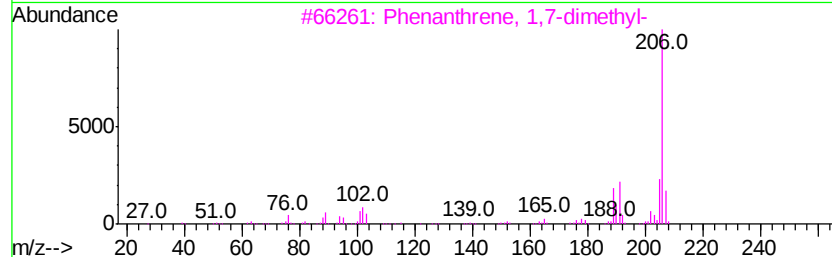
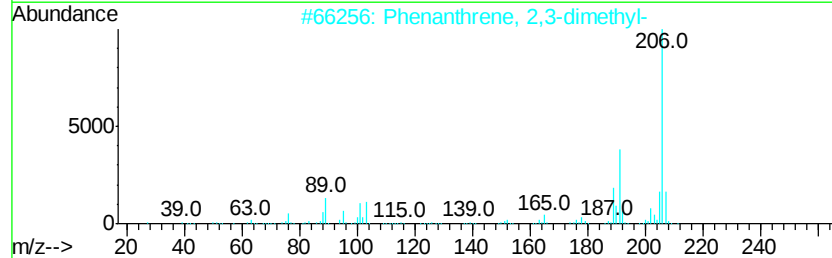
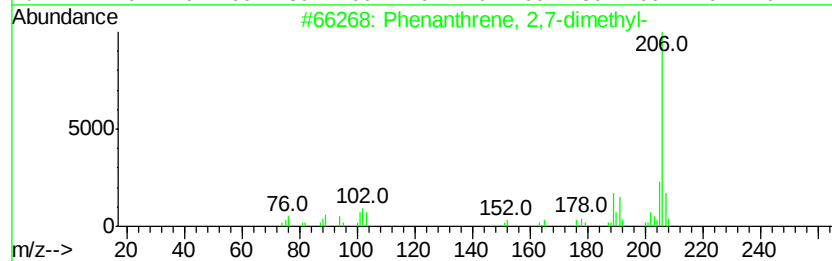
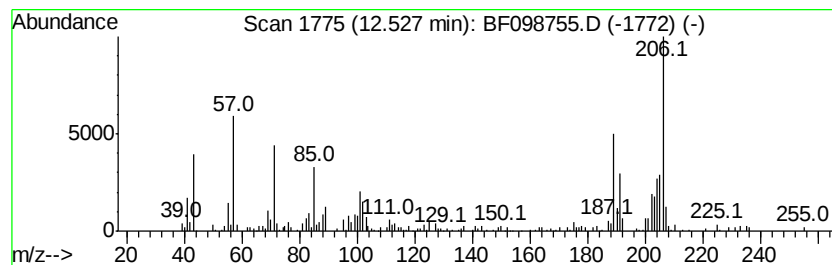
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown12.53 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	3.50 ng	146882	Phenanthrene-d10	11.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	49
2		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	46
3		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	46
4		Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	46
5		1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092317\
Data File : BF098755.D
Acq On : 23 Sep 2017 22:52
Operator : SJ/JU
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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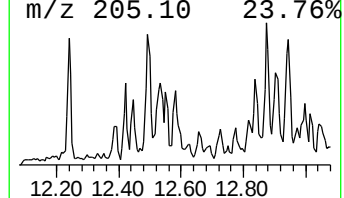
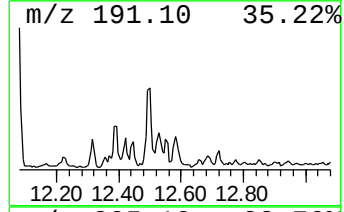
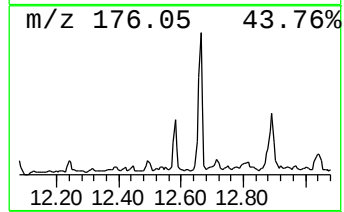
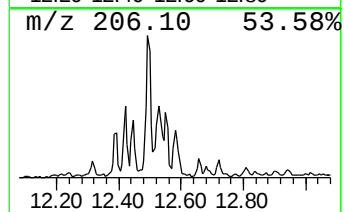
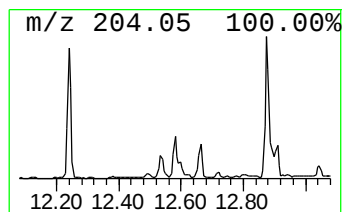
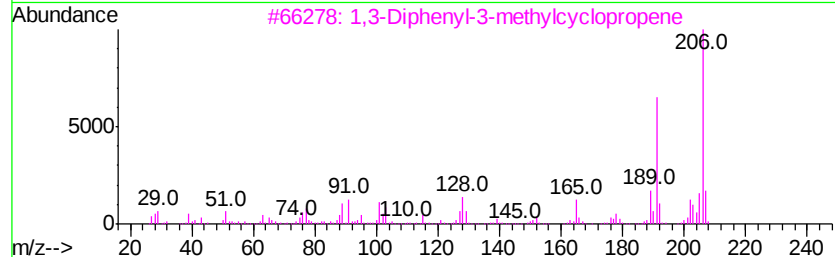
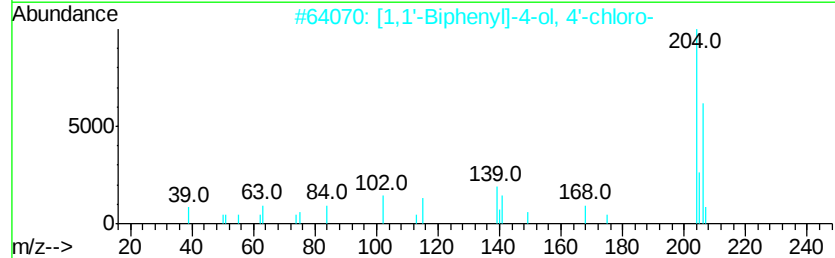
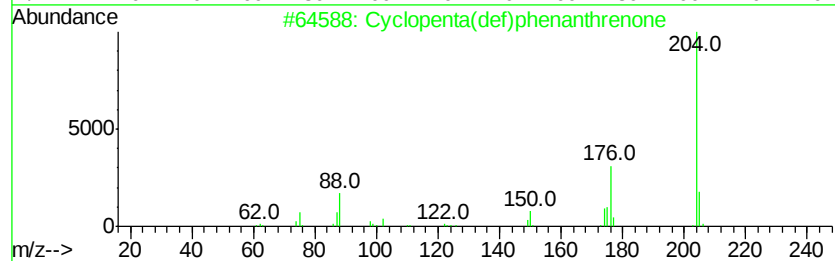
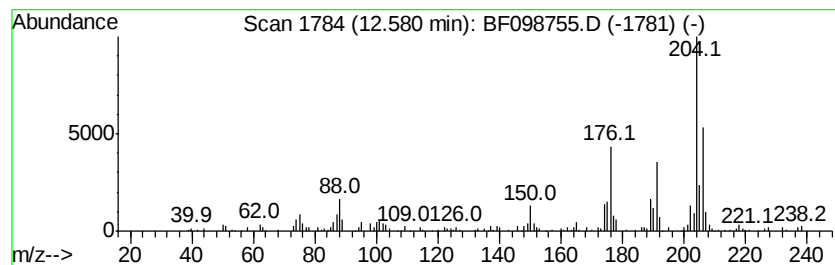
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	3.49 ng	146407	Phenanthrene-d10	11.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	89
2		[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	49
3		1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	42
4		9,10-Dimethylantracene	206	C16H14	000781-43-1	42
5		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	42



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
Data File : BF098755.D
Acq On : 23 Sep 2017 22:52
Operator : SJ/JU
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Misc :
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ClientSampleId :
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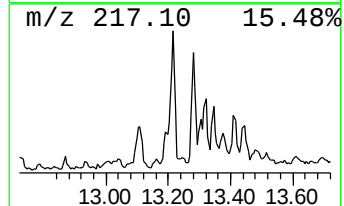
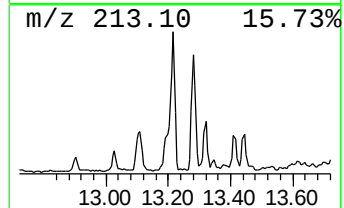
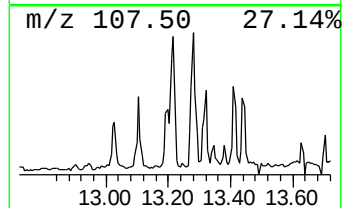
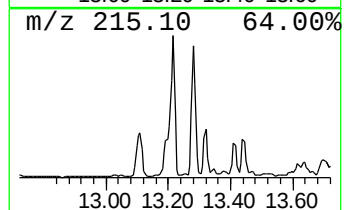
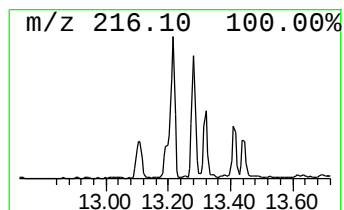
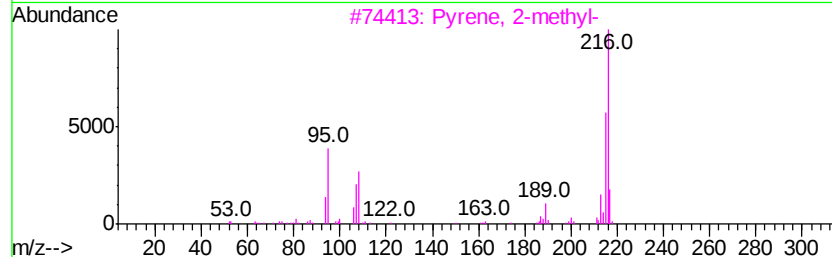
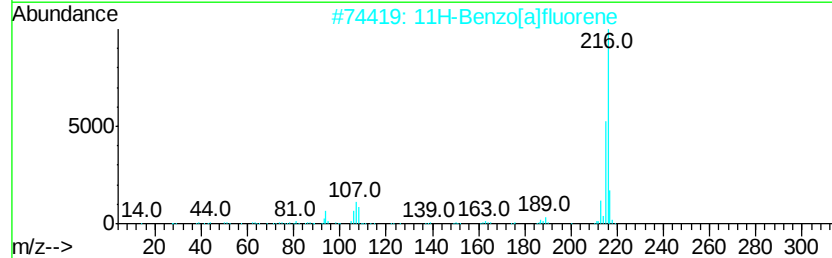
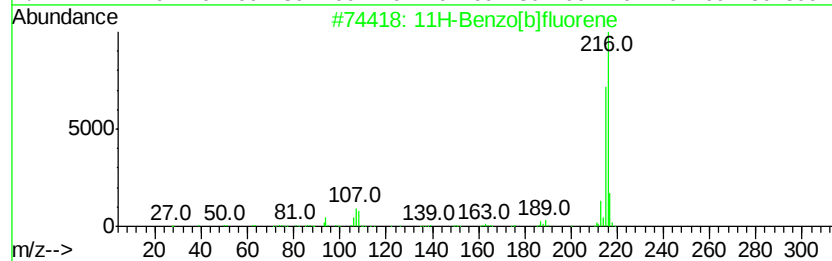
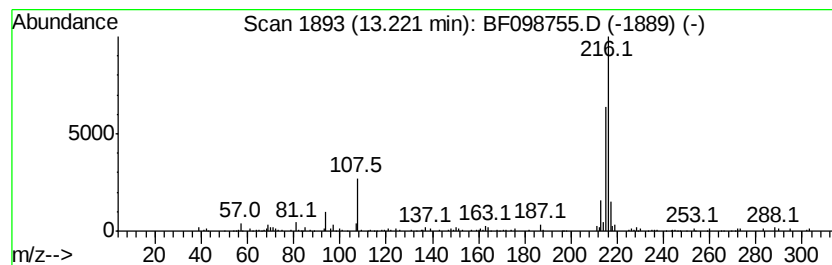
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	4.09 ng	385385	Chrysene-d12	14.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3			Pvrene, 2-methyl-	216	C17H12	003442-78-2	89
4			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
5			Pyrene, 1-methyl-	216	C17H12	002381-21-7	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092317\
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Acq On : 23 Sep 2017 22:52
Operator : SJ/JU
Sample : I5360-05
Misc :
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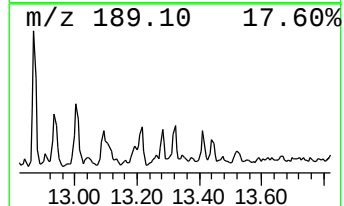
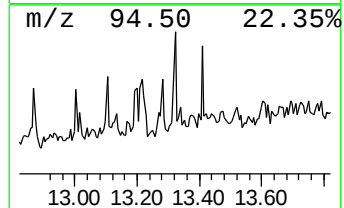
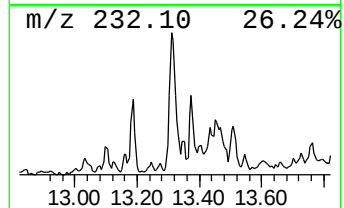
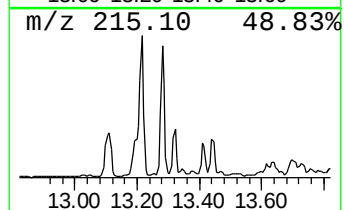
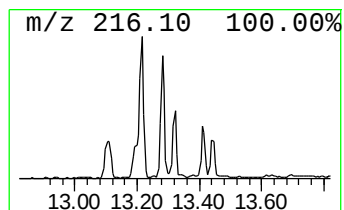
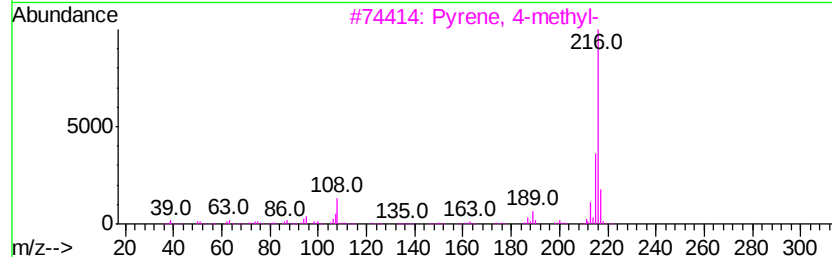
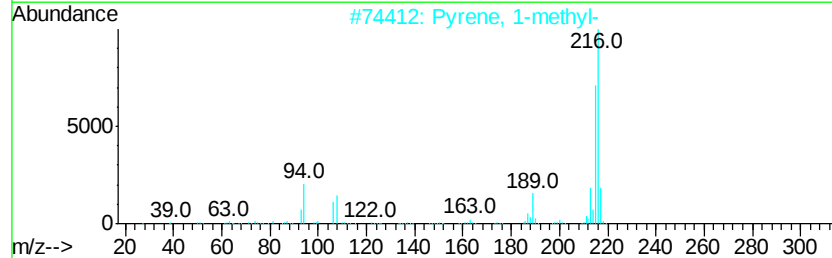
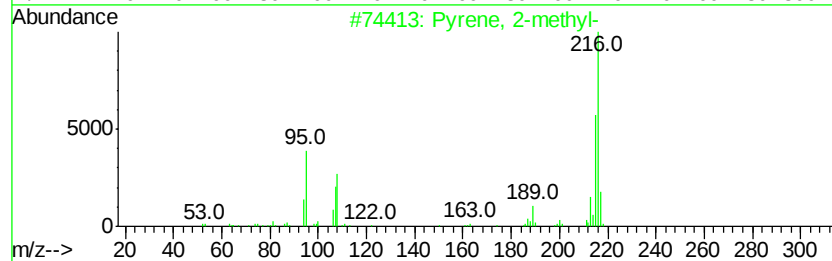
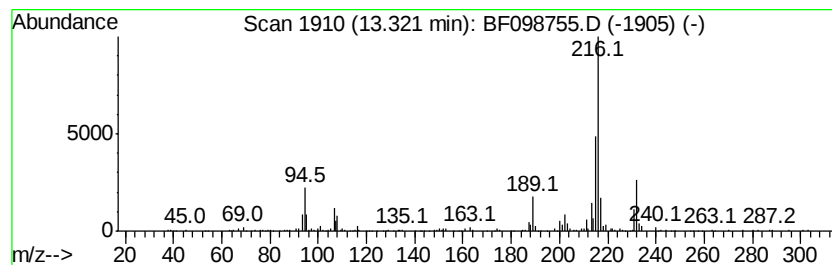
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Pyrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.32	3.67 ng	345344	Chrysene-d12	14.09	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	56
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	50
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	50
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	41



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
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ALS Vial : 19 Sample Multiplier: 1

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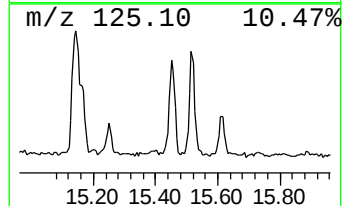
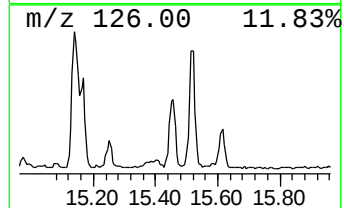
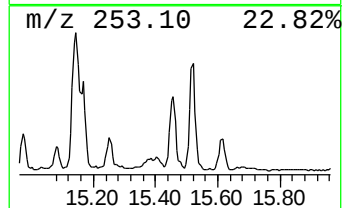
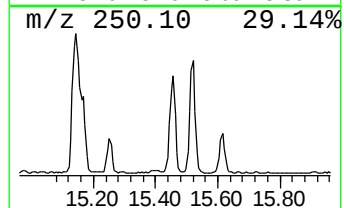
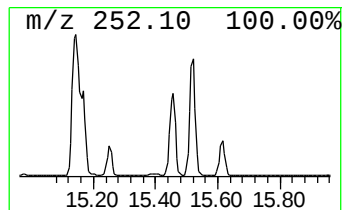
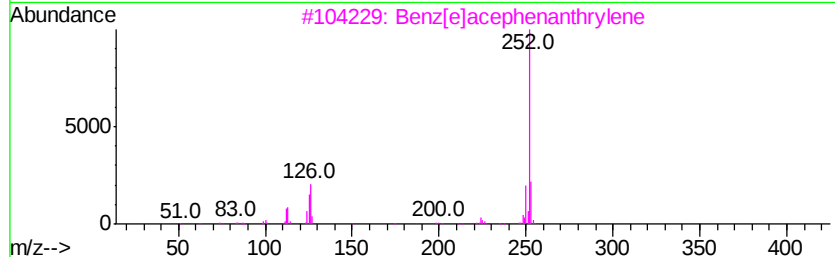
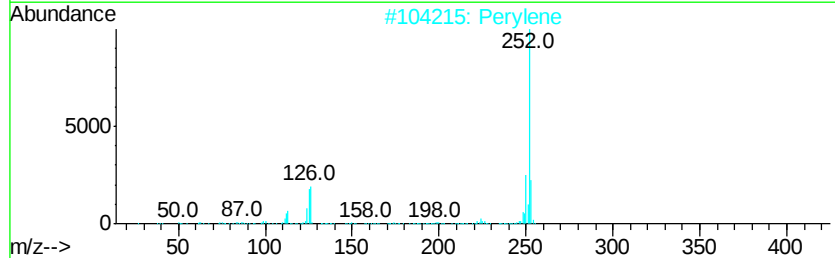
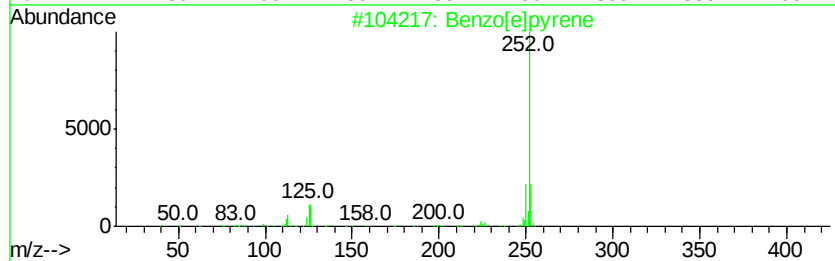
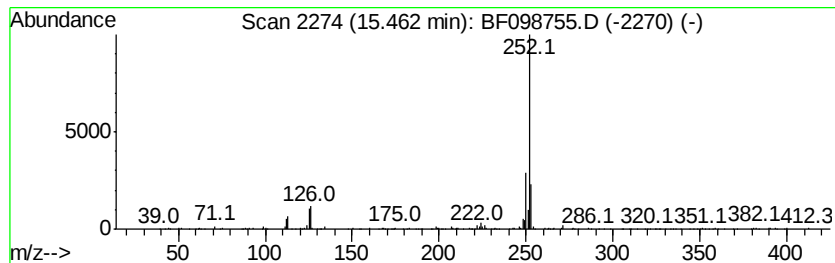
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	16.84 ng	458095	Perylene-d12	15.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Perylene	252	C20H12	000198-55-0	95
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	94
4		Benzo[a]pyrene	252	C20H12	000050-32-8	93
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	93



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 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-C-COMP

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
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p-Xylene	5.77	3.2	ng	129259	1	6.92	818177	20.0
unknown6.69	6.69	22.8	ng	933630	1	6.92	818177	20.0
Mesitylene	6.75	4.6	ng	188823	1	6.92	818177	20.0
Naphthalene, 1-me...	9.02	2.9	ng	153472	2	8.20	1042450	20.0
Naphthalene, 2,3-...	9.62	3.3	ng	143469	3	9.96	870856	20.0
Dibenzothiophene	11.34	4.7	ng	197663	4	11.44	838967	20.0
Phenanthrene, 2-m...	11.97	8.2	ng	343778	4	11.44	838967	20.0
4H-Cyclopenta[def...	12.06	12.5	ng	525617	4	11.44	838967	20.0
Naphthalene, 2-ph...	12.24	3.7	ng	156739	4	11.44	838967	20.0
Phenanthrene, 2,5...	12.49	4.3	ng	181567	4	11.44	838967	20.0
unknown12.53	12.53	3.5	ng	146882	4	11.44	838967	20.0
Cyclopenta(def)ph...	12.58	3.5	ng	146407	4	11.44	838967	20.0
11H-Benzo[b]fluorene	13.22	4.1	ng	385385	5	14.09	1883960	20.0
Pyrene, 2-methyl-	13.32	3.7	ng	345344	5	14.09	1883960	20.0
Benzo[e]pyrene	15.46	16.8	ng	458095	6	15.59	544170	20.0