

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
 Data File : BF097803.D
 Acq On : 17 Aug 2017 23:16
 Operator : SJ/JU
 Sample : I4750-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-15(0-10)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-BF081517.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.975	486	491	498	rBV	215876	270146	8.82%	0.654%
2	5.381	555	560	564	rBV	2708884	2866043	93.59%	6.940%
3	6.310	714	718	724	rBV2	165180	209689	6.85%	0.508%
4	6.404	729	734	739	rVV	2714486	3062416	100.00%	7.416%
5	6.451	739	742	744	rVB	69302	65514	2.14%	0.159%
6	6.545	753	758	761	rBV	2969493	2795584	91.29%	6.770%
7	6.745	786	792	794	rBV4	46589	64433	2.10%	0.156%
8	6.775	794	797	800	rBV	1156569	907842	29.64%	2.198%
9	6.934	820	824	827	rBV	2116847	1902901	62.14%	4.608%
10	7.045	839	843	848	rVB2	85163	98567	3.22%	0.239%
11	7.204	867	870	875	rVB3	45531	59278	1.94%	0.144%
12	7.304	882	887	888	rBV	67163	76347	2.49%	0.185%
13	7.339	888	893	896	rVV	1790047	1697083	55.42%	4.110%
14	7.422	903	907	910	rVB4	69158	85474	2.79%	0.207%
15	7.586	932	935	938	rVB	79424	65668	2.14%	0.159%
16	7.698	951	954	958	rVB2	97795	89610	2.93%	0.217%
17	8.057	1010	1015	1018	rBV	1327105	1187197	38.77%	2.875%
18	8.081	1018	1019	1022	rVB	135575	66111	2.16%	0.160%
19	8.769	1133	1136	1139	rVB	122772	101623	3.32%	0.246%
20	8.869	1150	1153	1156	rVB	135418	107034	3.50%	0.259%
21	9.133	1194	1198	1201	rBV	2403778	2149526	70.19%	5.205%
22	9.222	1209	1213	1217	rBV2	43526	60530	1.98%	0.147%
23	9.398	1239	1243	1248	rVV	63403	88591	2.89%	0.215%
24	9.469	1252	1255	1258	rVV	145690	149857	4.89%	0.363%
25	9.498	1258	1260	1262	rVV	82744	64604	2.11%	0.156%
26	9.527	1262	1265	1269	rVV	379968	309174	10.10%	0.749%
27	9.586	1272	1275	1280	rVV	81807	86975	2.84%	0.211%
28	9.669	1284	1289	1293	rVV2	94979	84237	2.75%	0.204%
29	9.810	1307	1313	1316	rBV2	1068621	994527	32.48%	2.408%
30	9.845	1316	1319	1322	rVB	195427	174468	5.70%	0.422%
31	9.969	1336	1340	1344	rBV2	47916	63336	2.07%	0.153%
32	10.016	1344	1348	1351	rVB	107821	100445	3.28%	0.243%
33	10.251	1385	1388	1391	rVB	73750	67075	2.19%	0.162%
34	10.357	1403	1406	1409	rBV	205678	172759	5.64%	0.418%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.445	1419	1421	1423	rVV2	73514	65198	2.13%	0.158%
36	10.469	1423	1425	1427	rVV	72528	63812	2.08%	0.155%
37	10.516	1431	1433	1437	rVB3	60380	64965	2.12%	0.157%
38	10.598	1442	1447	1450	rVV	1350677	1244442	40.64%	3.014%
39	10.722	1465	1468	1476	rVB	115435	133283	4.35%	0.323%
40	10.904	1493	1499	1502	rBV3	89216	129721	4.24%	0.314%
41	10.933	1502	1504	1507	rVV2	93949	91201	2.98%	0.221%
42	10.986	1510	1513	1516	rVV	65690	69929	2.28%	0.169%
43	11.057	1522	1525	1529	rVV3	61684	77079	2.52%	0.187%
44	11.157	1536	1542	1543	rVV2	73318	100857	3.29%	0.244%
45	11.192	1546	1548	1555	rVB	103611	107316	3.50%	0.260%
46	11.298	1562	1566	1567	rBV	879404	831550	27.15%	2.014%
47	11.321	1567	1570	1573	rVV	1281670	1101664	35.97%	2.668%
48	11.369	1573	1578	1581	rVB	380340	317394	10.36%	0.769%
49	11.404	1581	1584	1587	rBV2	55990	59591	1.95%	0.144%
50	11.627	1619	1622	1624	rVB	84072	75609	2.47%	0.183%
51	11.710	1633	1636	1639	rVB	60693	67416	2.20%	0.163%
52	11.798	1647	1651	1653	rBV	431561	372317	12.16%	0.902%
53	11.821	1653	1655	1659	rVB	470462	425083	13.88%	1.029%
54	11.869	1659	1663	1666	rBV	215409	200358	6.54%	0.485%
55	11.904	1666	1669	1672	rVV	600983	662528	21.63%	1.604%
56	11.927	1672	1673	1678	rVB	336259	258007	8.42%	0.625%
57	11.998	1678	1685	1688	rBV4	42628	89307	2.92%	0.216%
58	12.092	1698	1701	1703	rVV	197675	165164	5.39%	0.400%
59	12.110	1703	1704	1711	rVB4	87303	90220	2.95%	0.218%
60	12.169	1711	1714	1717	rBV	61486	63007	2.06%	0.153%
61	12.239	1721	1726	1729	rBV2	153569	195589	6.39%	0.474%
62	12.274	1729	1732	1734	rBV	99861	88850	2.90%	0.215%
63	12.298	1734	1736	1738	rVB	81571	66042	2.16%	0.160%
64	12.351	1741	1745	1747	rBV	322600	356856	11.65%	0.864%
65	12.386	1747	1751	1753	rVV	204347	270116	8.82%	0.654%
66	12.433	1756	1759	1763	rBV2	136242	224901	7.34%	0.545%
67	12.510	1768	1772	1775	rBV	1234062	1121943	36.64%	2.717%
68	12.633	1790	1793	1795	rBV2	64784	70470	2.30%	0.171%
69	12.663	1795	1798	1800	rVV3	63048	84597	2.76%	0.205%
70	12.692	1800	1803	1805	rVV2	68110	87648	2.86%	0.212%
71	12.733	1805	1810	1813	rVV	1578010	1720345	56.18%	4.166%

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72	12.757	1813	1814	1816	rVV2	159877	98321	3.21%	0.238%
73	12.792	1816	1820	1824	rVB3	101449	152710	4.99%	0.370%
74	12.851	1827	1830	1831	rVV2	79602	67800	2.21%	0.164%
75	12.880	1831	1835	1839	rVV	1904421	1787289	58.36%	4.328%
76	12.951	1843	1847	1851	rBV2	203922	276971	9.04%	0.671%
77	13.063	1863	1866	1869	rVB2	396341	386391	12.62%	0.936%
78	13.127	1874	1877	1880	rVB	348957	290214	9.48%	0.703%
79	13.163	1880	1883	1886	rBV	333838	351231	11.47%	0.851%
80	13.192	1886	1888	1891	rVV	115002	118912	3.88%	0.288%
81	13.257	1896	1899	1902	rVV	258184	219903	7.18%	0.533%
82	13.286	1902	1904	1908	rVB	294935	226888	7.41%	0.549%
83	13.433	1926	1929	1931	rBV4	49635	64777	2.12%	0.157%
84	13.545	1945	1948	1949	rBV3	75085	73587	2.40%	0.178%
85	13.680	1966	1971	1974	rBV2	143697	239241	7.81%	0.579%
86	13.710	1974	1976	1978	rVB	124911	95498	3.12%	0.231%
87	13.780	1985	1988	1992	rVB2	137420	143929	4.70%	0.349%
88	13.927	2008	2013	2016	rBV2	1145983	1599106	52.22%	3.872%
89	13.957	2016	2018	2024	rVB	763206	632498	20.65%	1.532%
90	14.033	2029	2031	2034	rVB	89846	72733	2.38%	0.176%
91	14.280	2071	2073	2075	rBV	77337	66224	2.16%	0.160%
92	14.315	2075	2079	2082	rVV	233265	270499	8.83%	0.655%
93	14.351	2082	2085	2088	rVB	144215	132964	4.34%	0.322%
94	14.410	2093	2095	2098	rVB3	105400	86445	2.82%	0.209%
95	14.439	2098	2100	2102	rBV	81339	83887	2.74%	0.203%
96	14.951	2183	2187	2196	rBV	333590	681108	22.24%	1.649%
97	15.239	2233	2236	2242	rVB	244674	302517	9.88%	0.733%
98	15.298	2243	2246	2250	rBV	303262	356974	11.66%	0.864%
99	15.362	2253	2257	2260	rBV	468908	519949	16.98%	1.259%
100	16.051	2370	2374	2385	rVB3	162002	337416	11.02%	0.817%

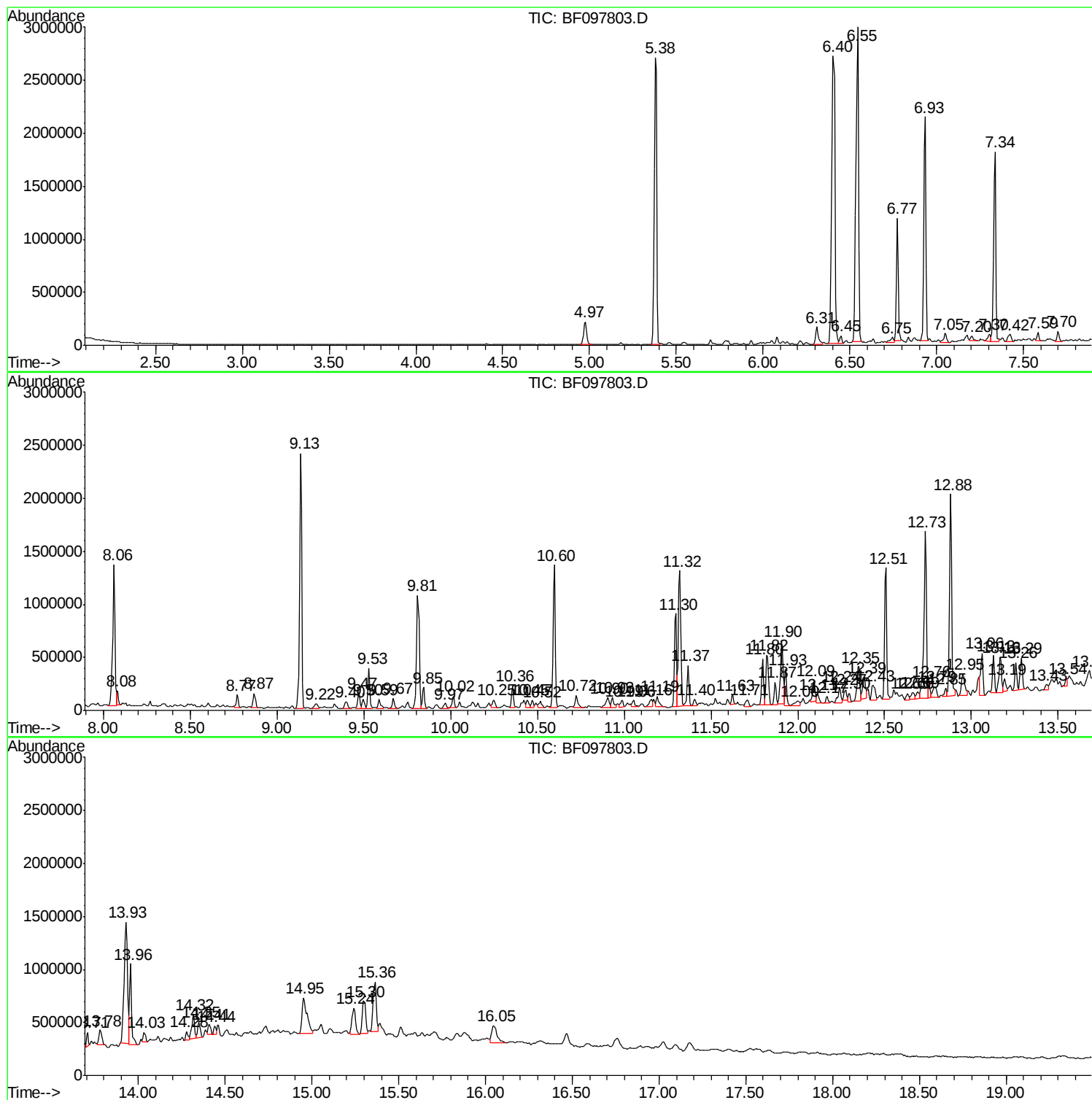
Sum of corrected areas: 41295021

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

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



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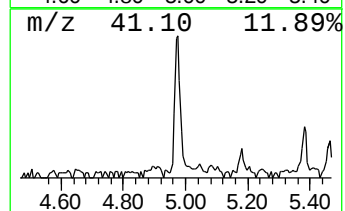
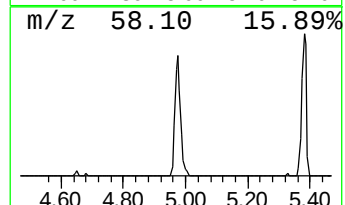
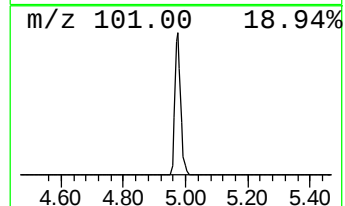
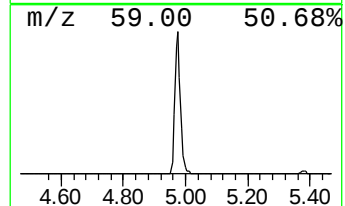
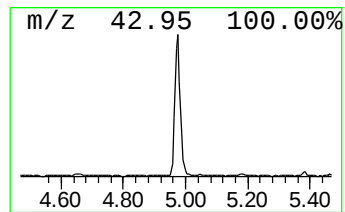
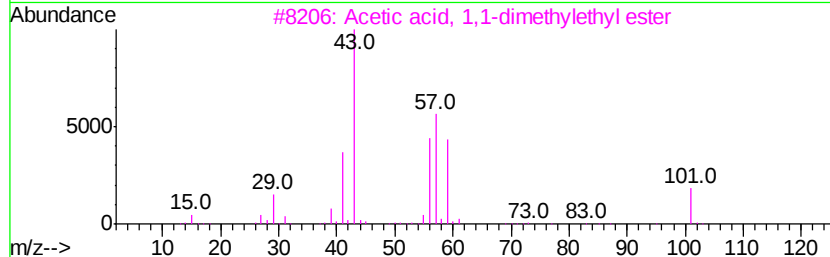
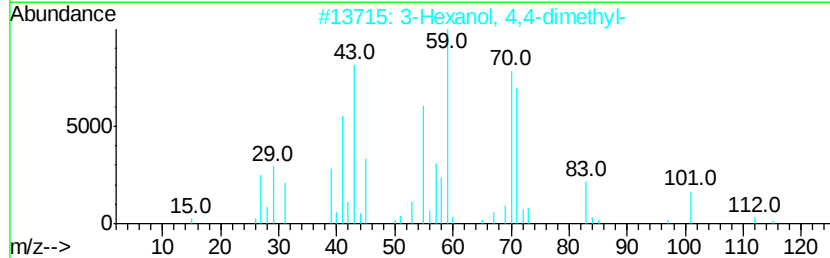
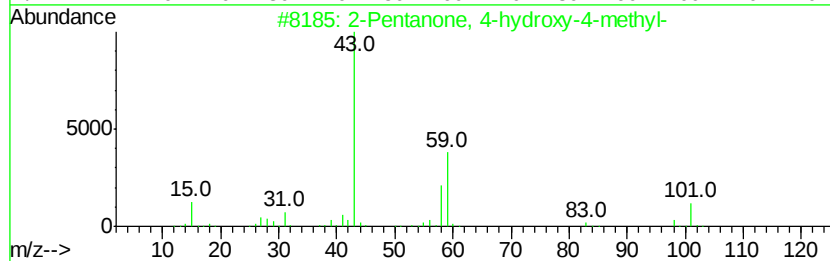
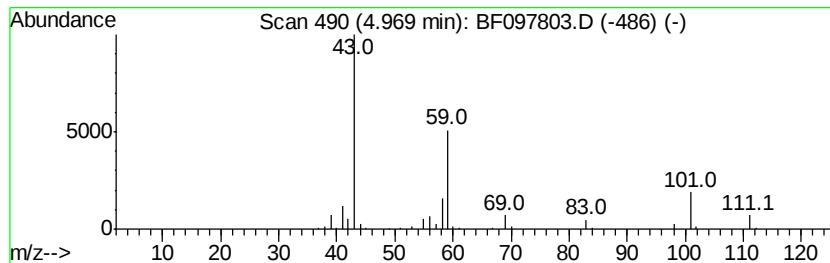
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.97	5.95 ng	270146	1,4-Dichlorobenzene-d4	6.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2			3-Hexanol, 4,4-dimethyl-	130	C8H18O	019550-09-5	40
3			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36
4			1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
5			Acetone	58	C3H6O	000067-64-1	10



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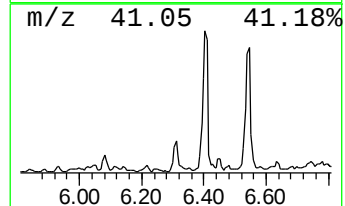
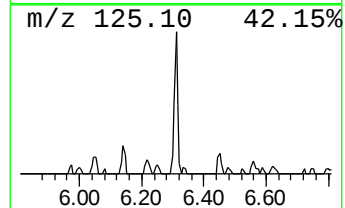
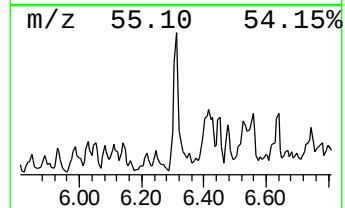
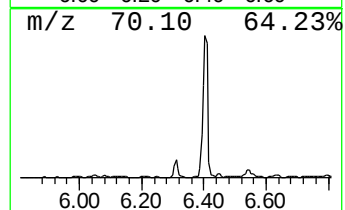
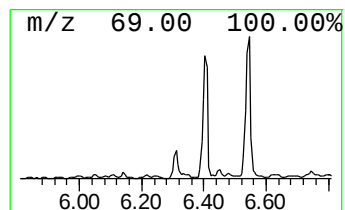
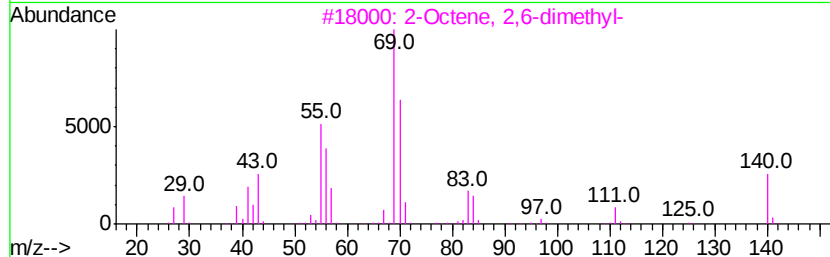
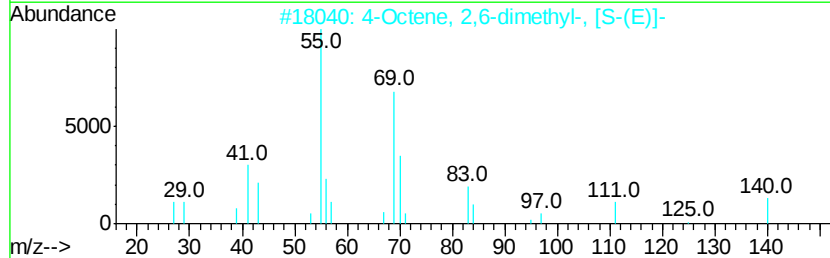
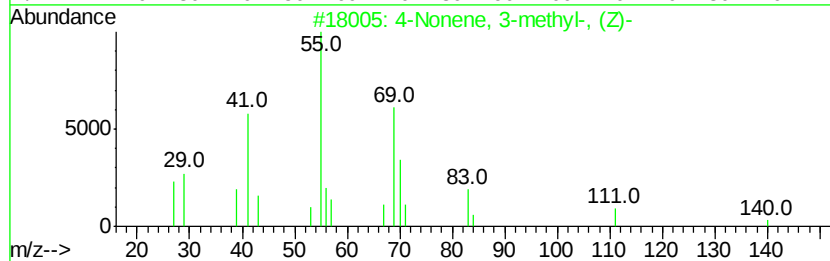
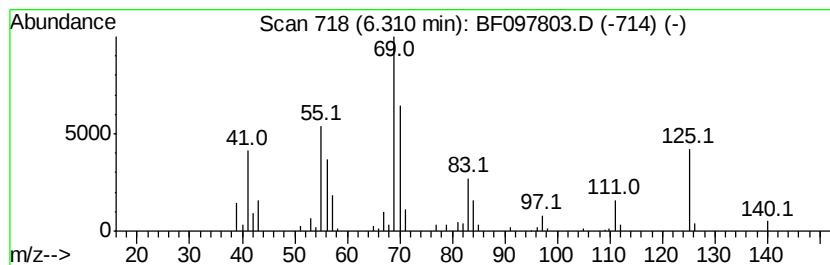
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 4-Nonene, 3-methyl-, (Z)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.31	4.62 ng	209689	1,4-Dichlorobenzene-d4	6.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Nonene, 3-methyl-, (Z)-	140	C10H20	063830-69-3	64
2			4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	64
3			2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	62
4			1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	58
5			1-Hexene, 3-methyl-	98	C7H14	003404-61-3	47



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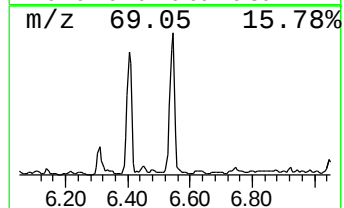
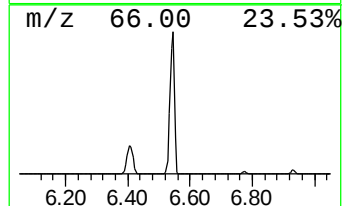
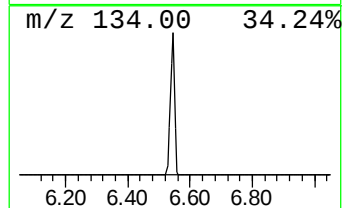
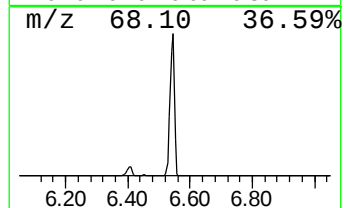
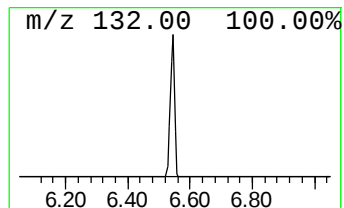
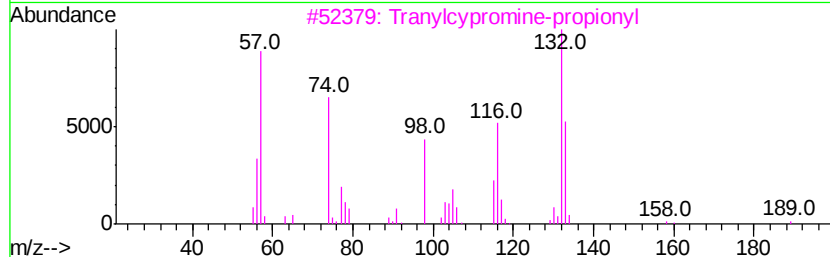
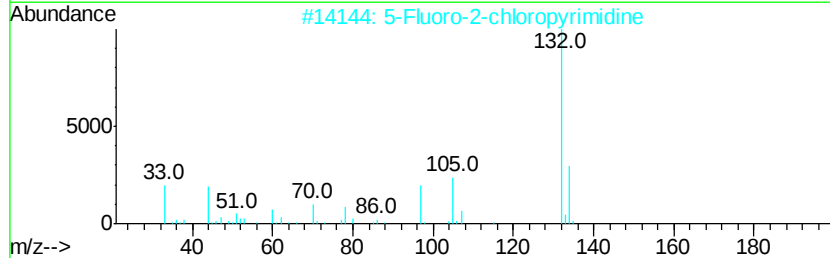
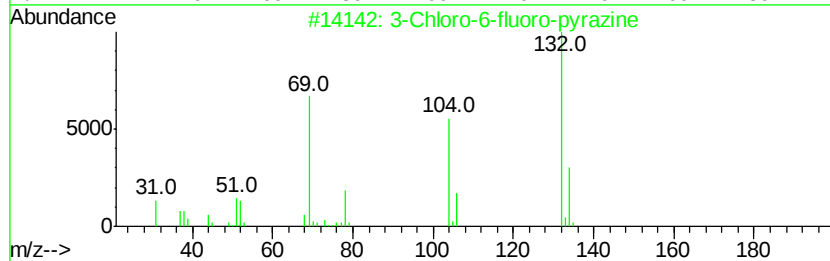
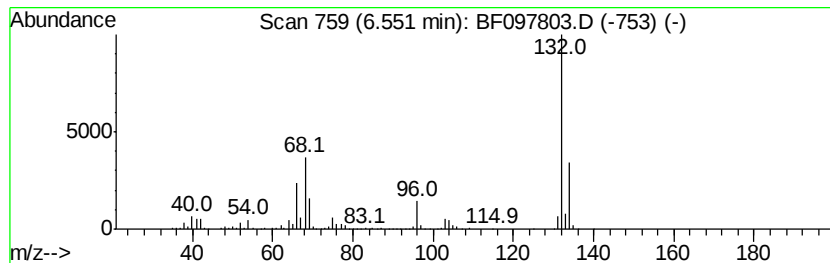
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.55 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	61.59 ng	2795580	1,4-Dichlorobenzene-d4	6.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081717\
Data File : BF097803.D
Acq On : 17 Aug 2017 23:16
Operator : SJ/JU
Sample : I4750-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-15(0-10)COMP

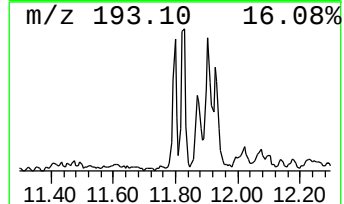
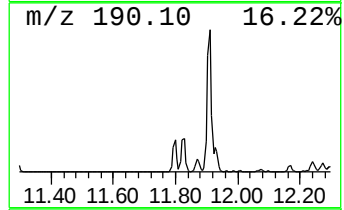
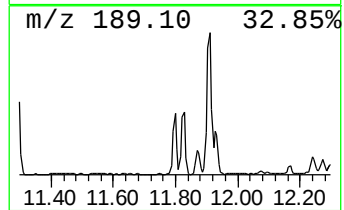
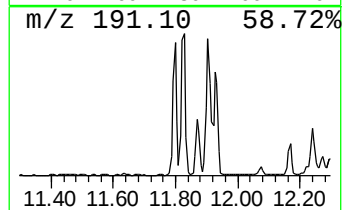
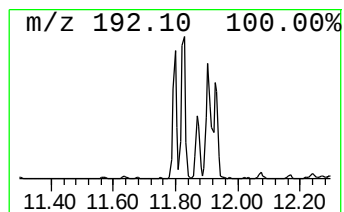
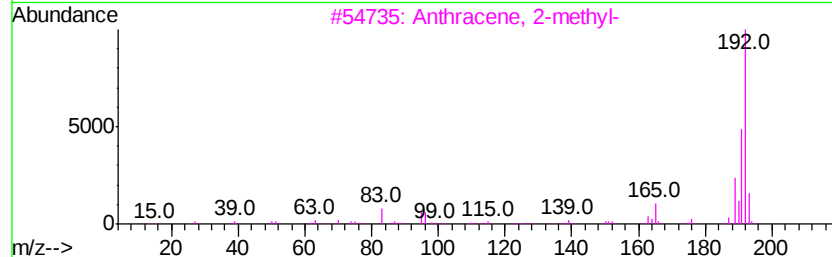
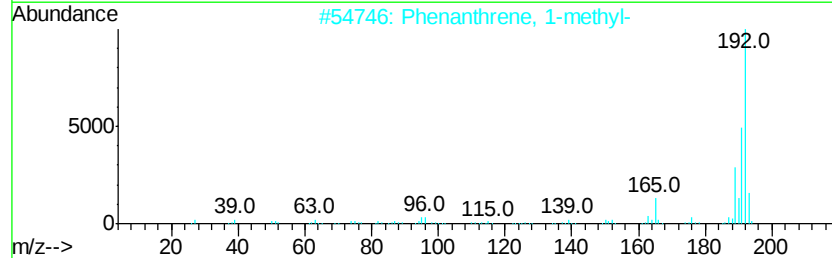
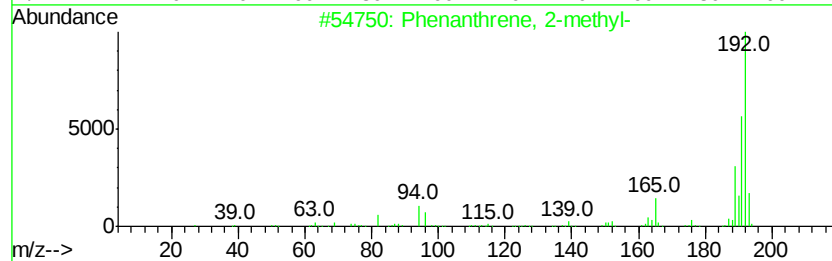
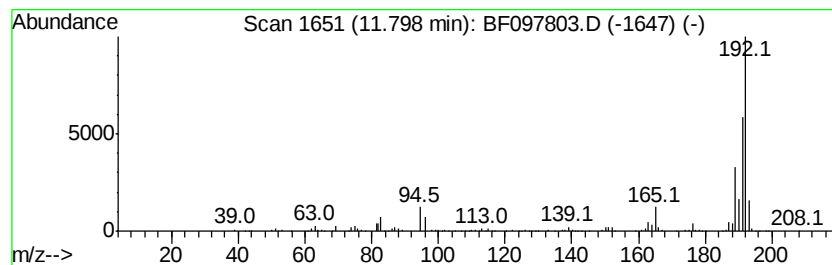
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	8.95 ng	372317	Phenanthrene-d10	11.30

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		Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
5		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	94



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Data File : BF097803.D
Acq On : 17 Aug 2017 23:16
Operator : SJ/JU
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ClientSampleId :
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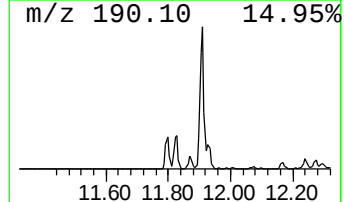
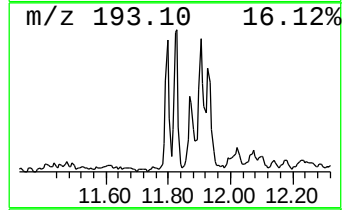
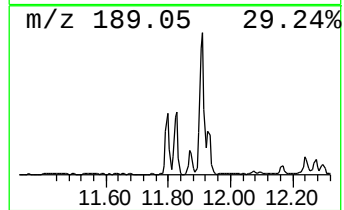
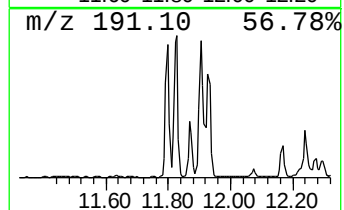
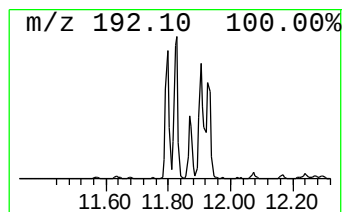
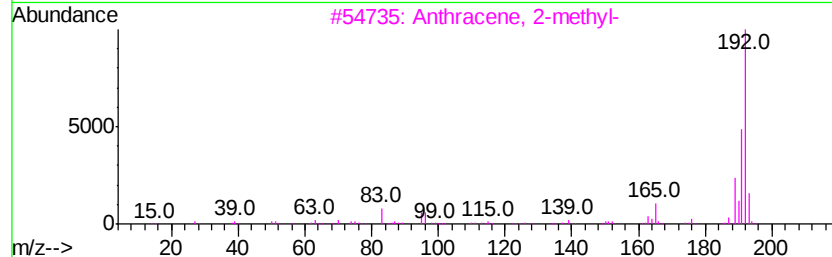
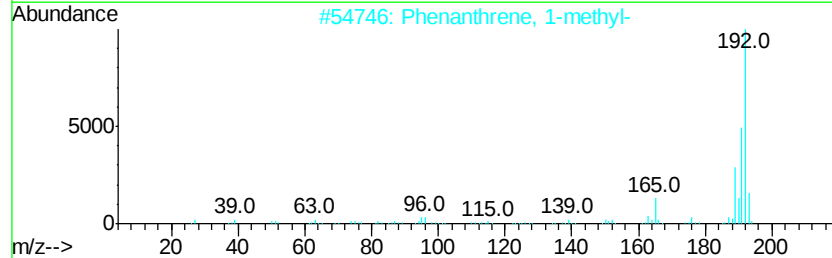
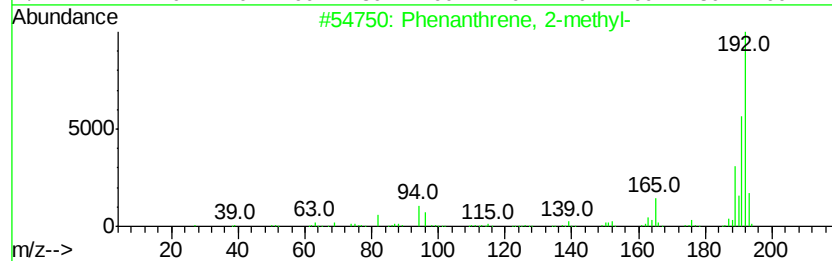
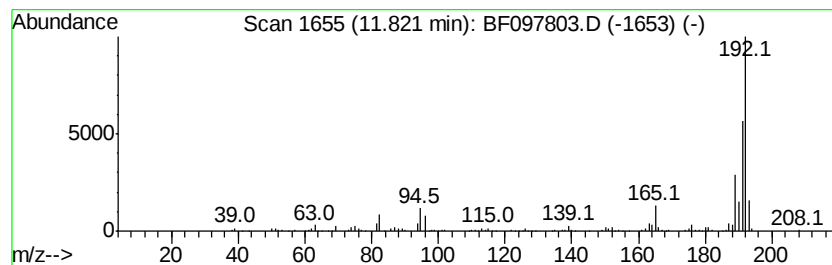
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	10.22 ng	425083	Phenanthrene-d10	11.30

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	96
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	96
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081717\
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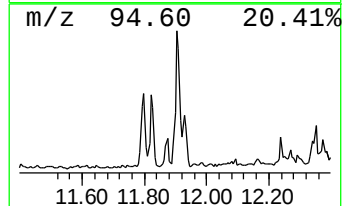
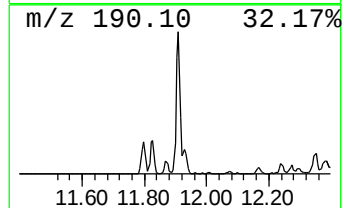
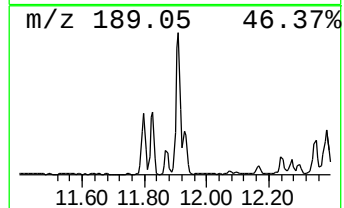
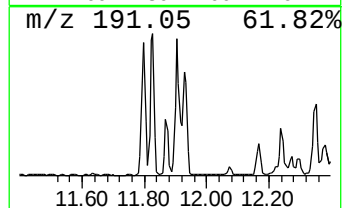
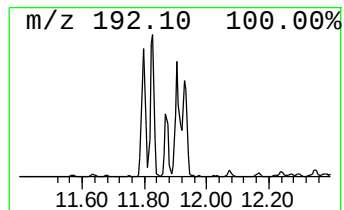
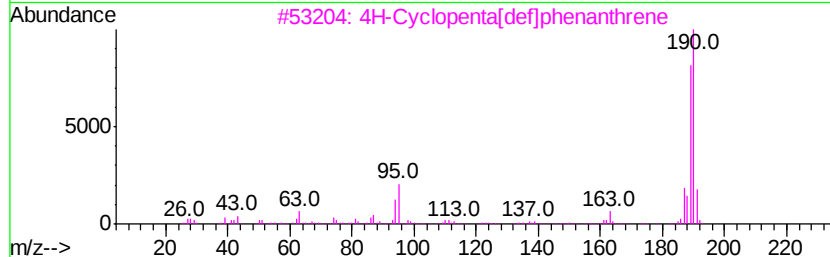
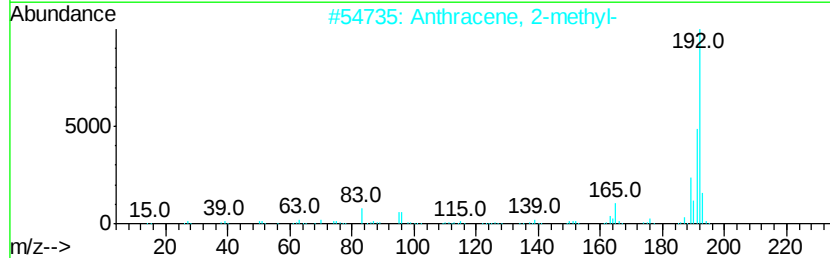
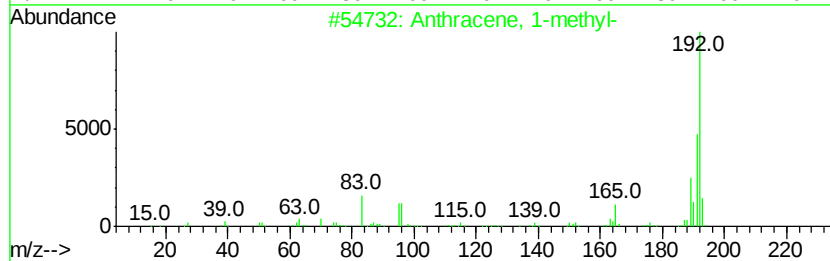
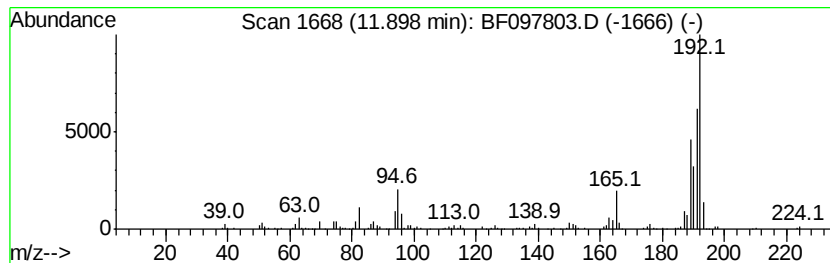
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Anthracene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	15.93 ng	662528	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	50
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	50
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
4		1H-Cyclopropa[all]phenanthrene, 1a,...	192	C15H12	000949-41-7	50
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081717\
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Operator : SJ/JU
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ALS Vial : 19 Sample Multiplier: 1

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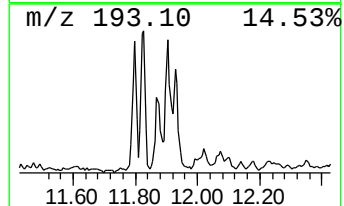
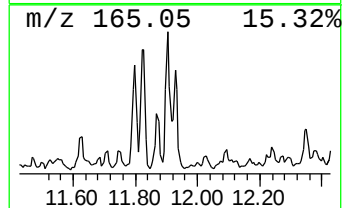
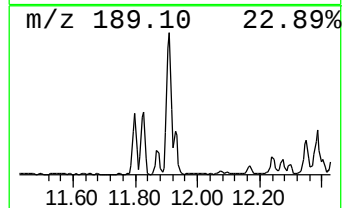
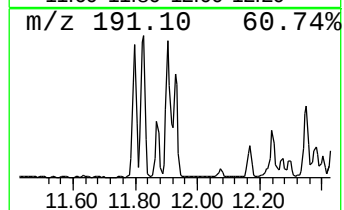
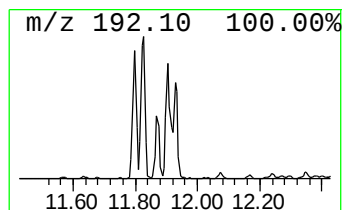
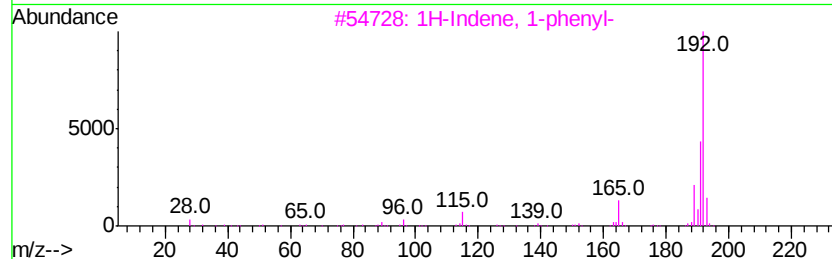
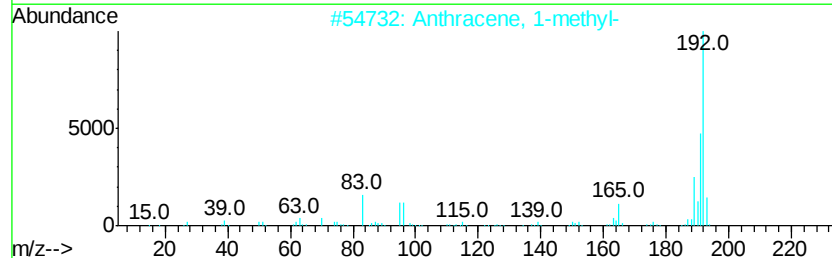
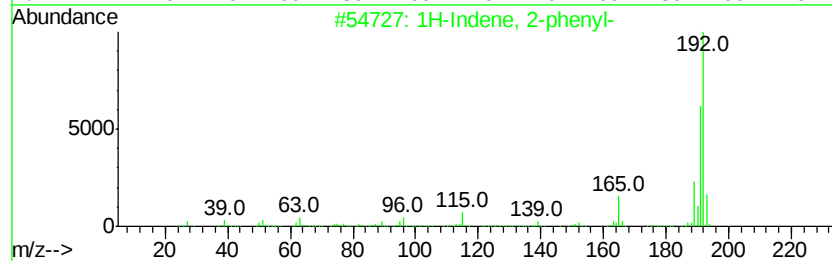
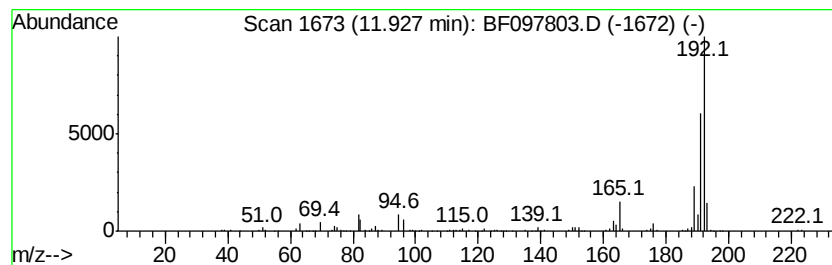
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1H-Indene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	6.21 ng	258007	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
3		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	87
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081717\
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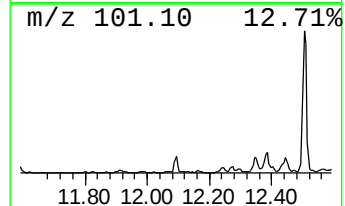
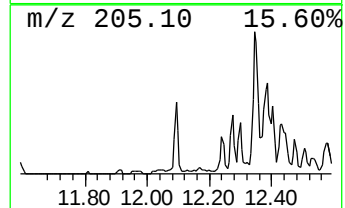
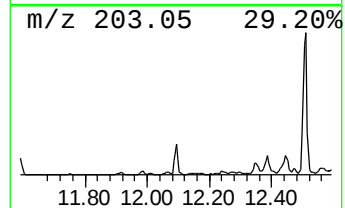
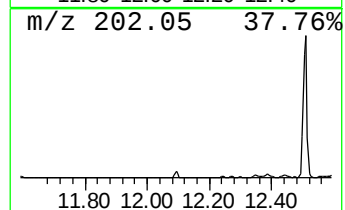
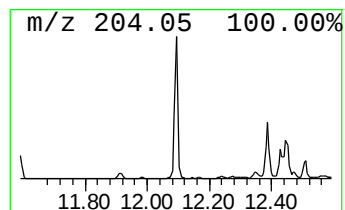
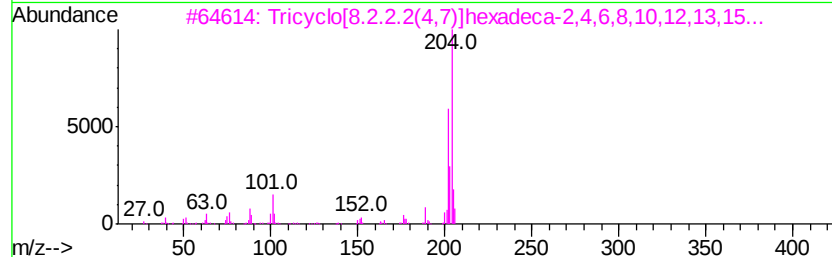
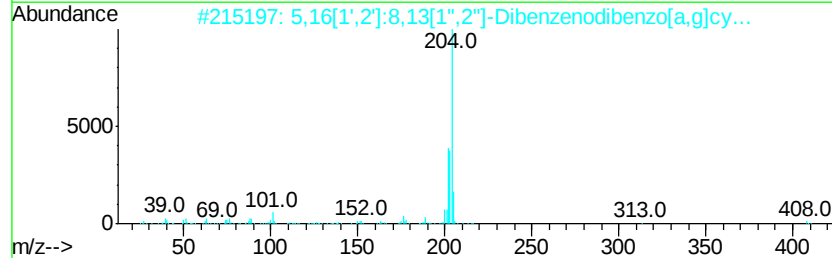
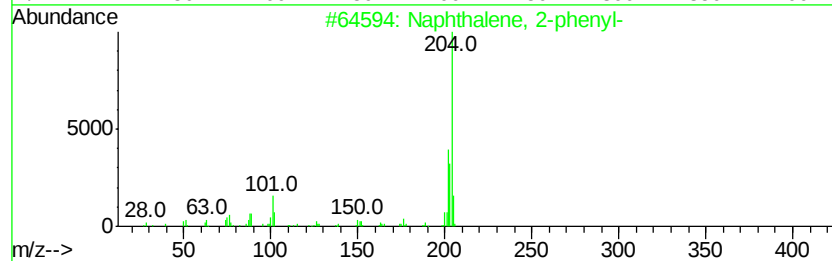
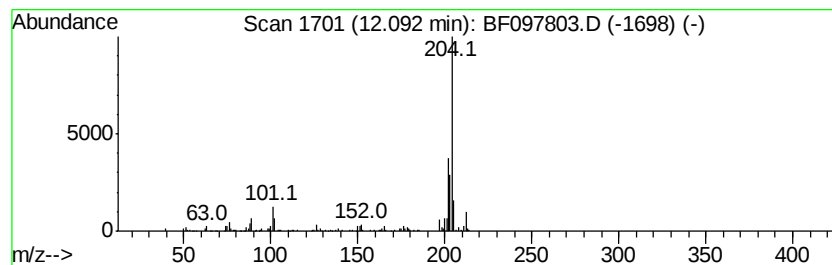
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	3.97 ng	165164	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
3		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68
4		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58
5		Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081717\
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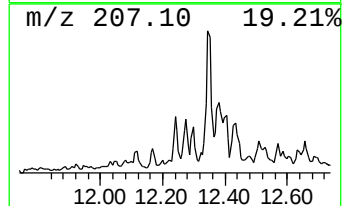
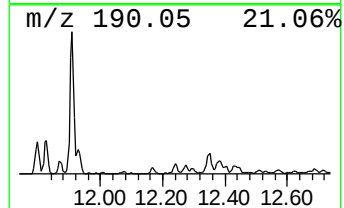
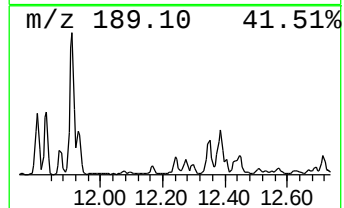
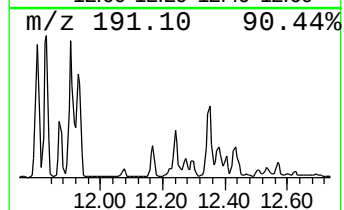
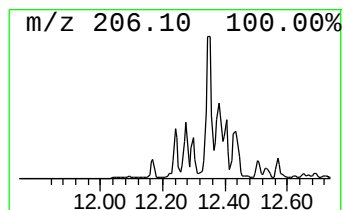
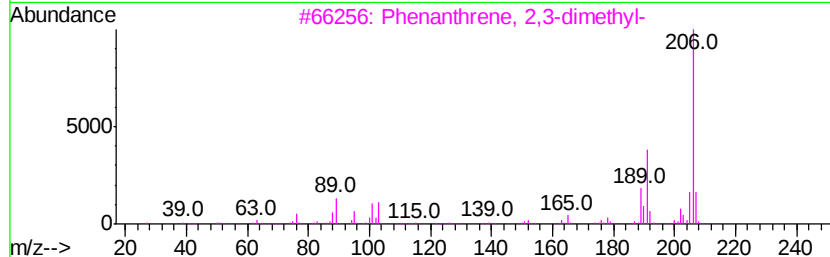
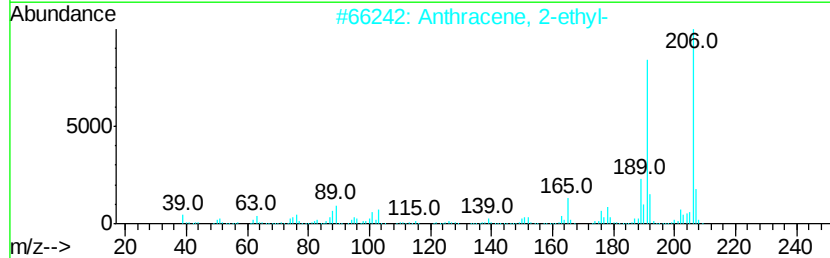
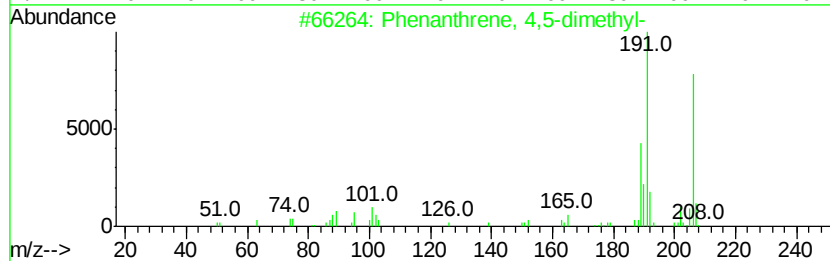
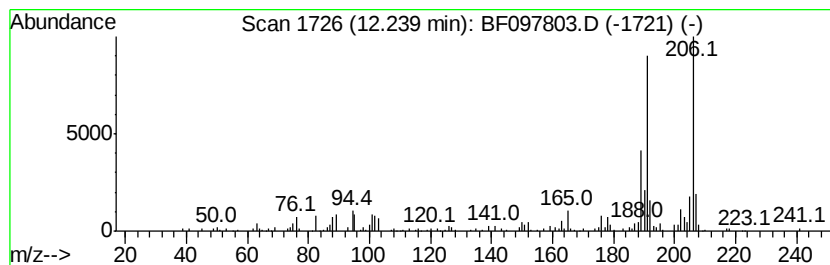
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenanthrene, 4,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	4.70 ng	195589	Phenanthrene-d10	11.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	97
2			Anthracene, 2-ethyl-	206	C16H14	052251-71-5	96
3			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4			Phenanthrene, 2-ethyl-	206	C16H14	003674-74-6	89
5			Phenanthrene, 9,10-dimethyl-	206	C16H14	000604-83-1	76



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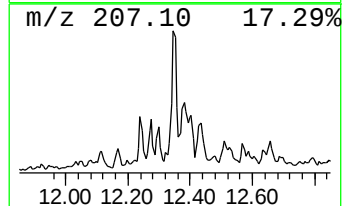
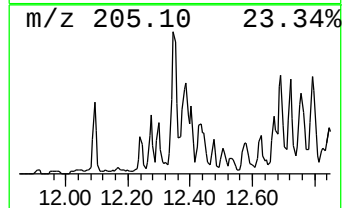
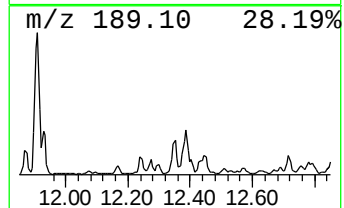
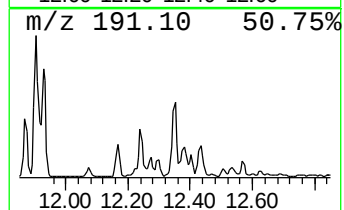
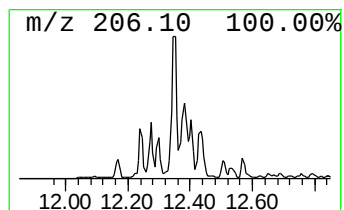
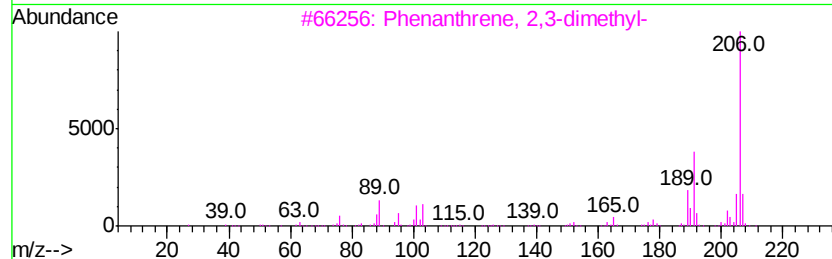
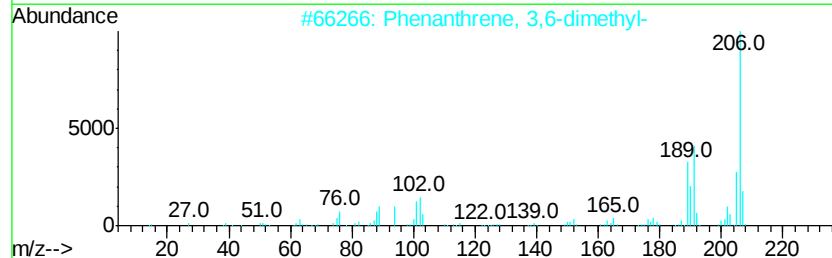
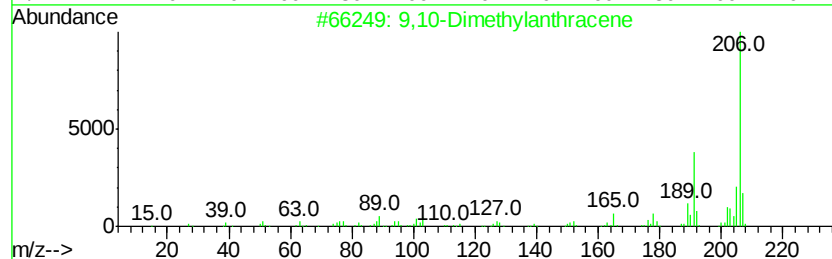
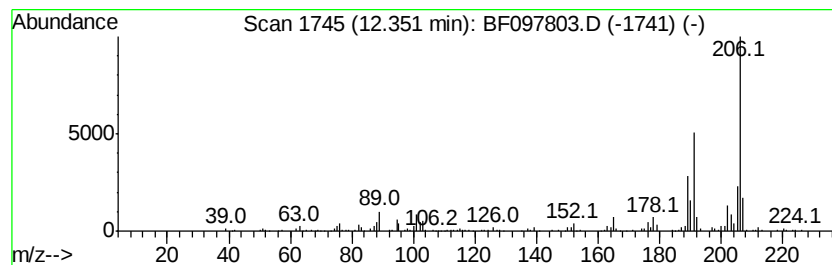
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 9,10-Dimethylantracene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	8.58 ng	356856	Phenanthrene-d10	11.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Dimethylantracene	206	C16H14	000781-43-1	91
2			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4			1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	90
5			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081717\
Data File : BF097803.D
Acq On : 17 Aug 2017 23:16
Operator : SJ/JU
Sample : I4750-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

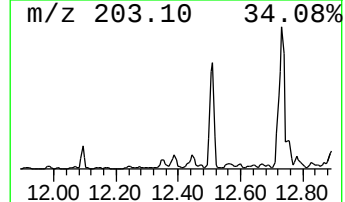
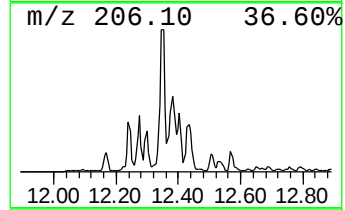
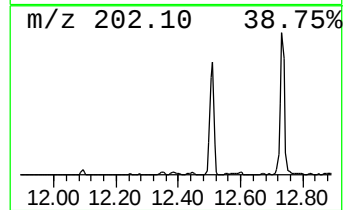
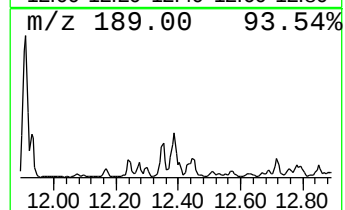
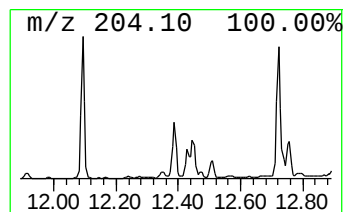
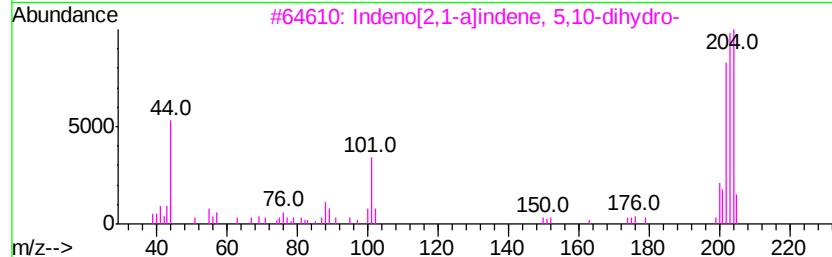
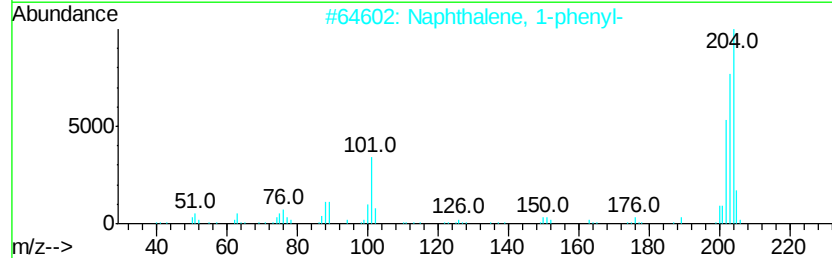
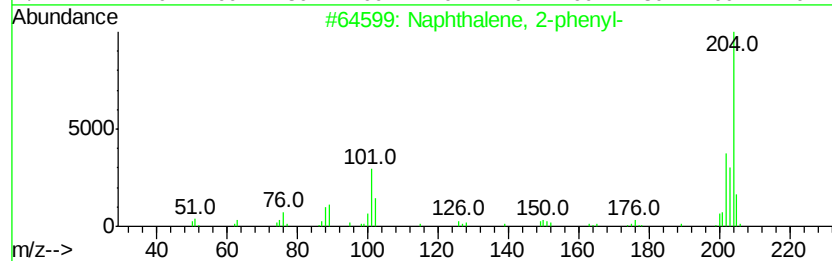
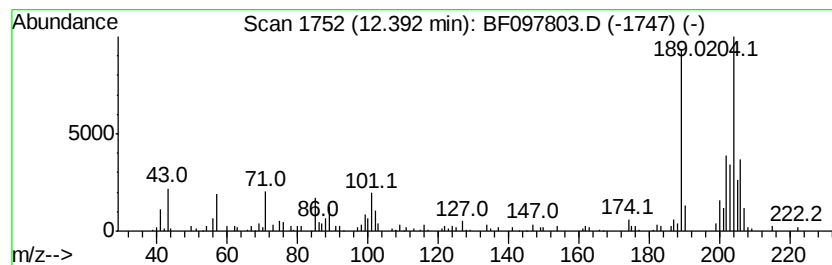
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.39	6.50 ng	270116	Phenanthrene-d10	11.30	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	47
3	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	41
4	4-(Trifluoromethoxy)benzoic acid	206	C8H5F3O3	000330-12-1	38
5	3-Acetyl-2,5-dimethylbenzo(b)thi...	204	C12H12OS	006179-04-0	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081717\
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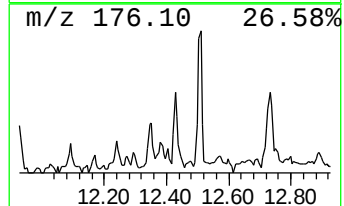
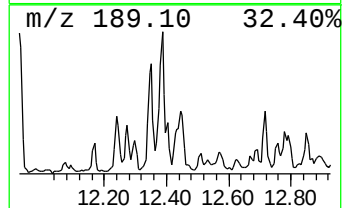
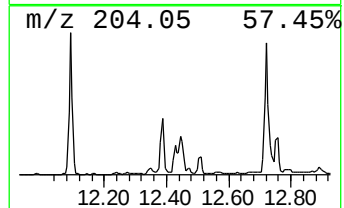
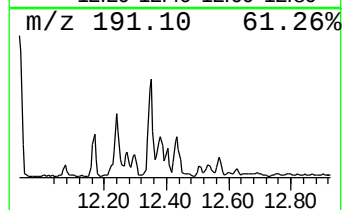
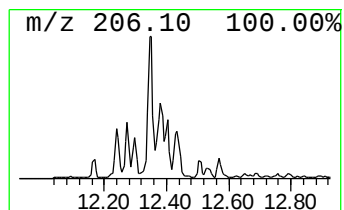
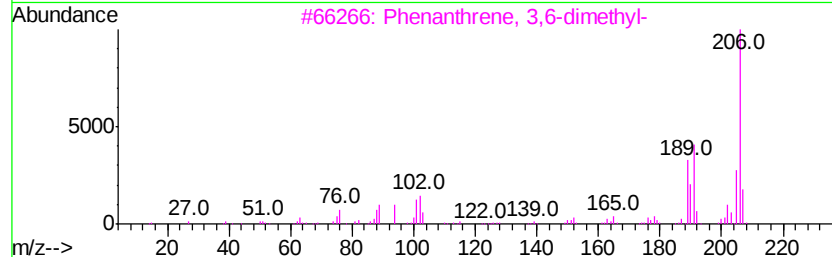
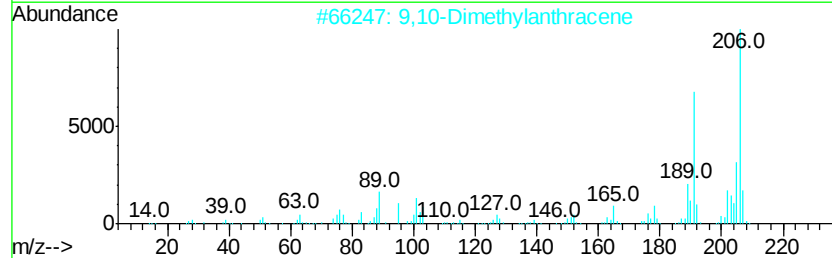
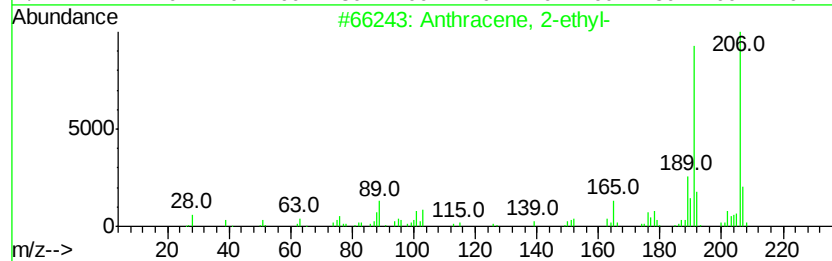
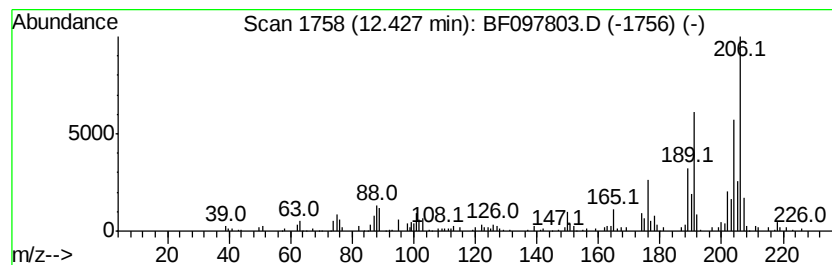
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Anthracene, 2-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	5.41 ng	224901	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	83
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	83
3		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83
4		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	78
5		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081717\
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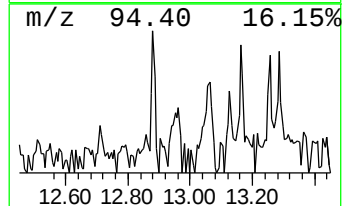
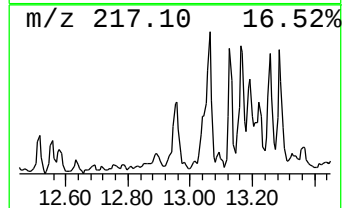
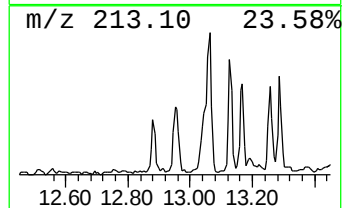
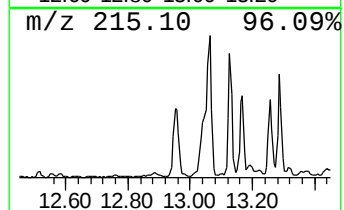
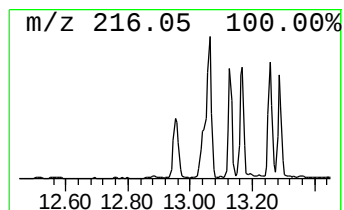
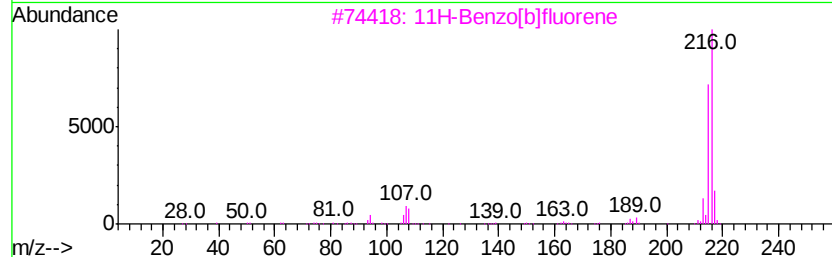
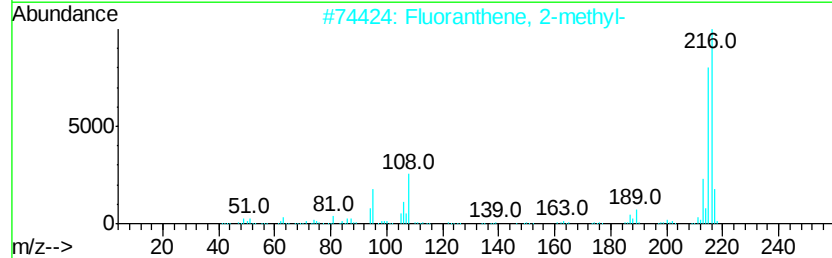
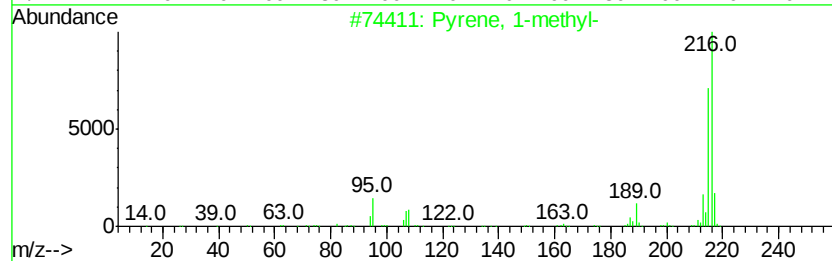
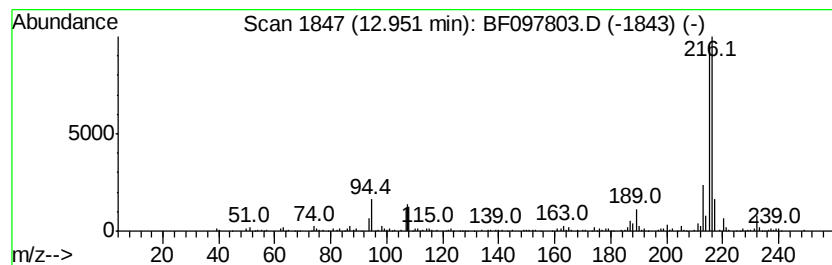
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	3.46 ng	276971	Chrysene-d12	13.93
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene, 1-methyl-	216 C17H12	002381-21-7 95
2		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 89
3		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 83
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\BF081717\
Data File : BF097803.D
Acq On : 17 Aug 2017 23:16
Operator : SJ/JU
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Instrument :
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ClientSampleId :
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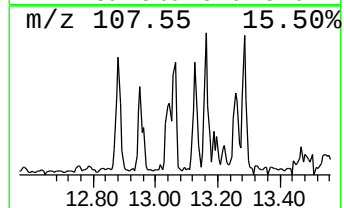
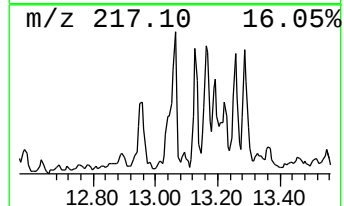
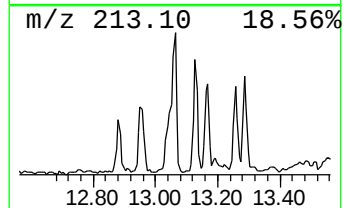
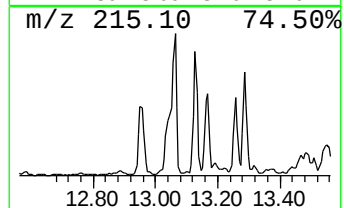
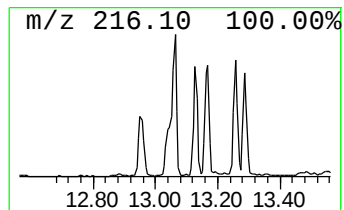
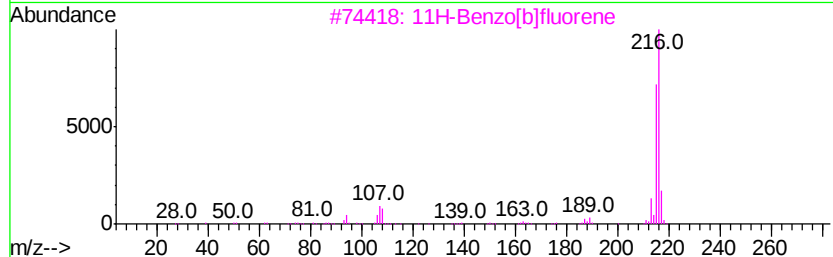
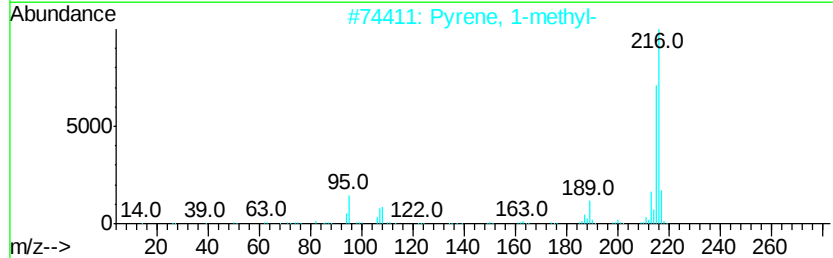
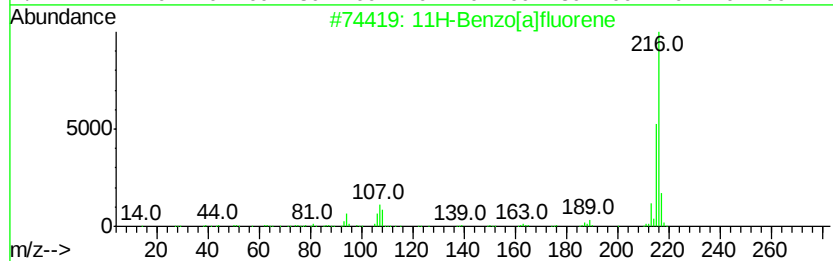
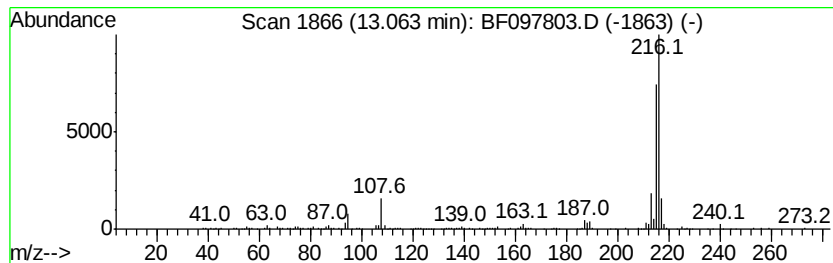
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 11H-Benzo[a]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	4.83 ng	386391	Chrysene-d12	13.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4		Pyrene, 2-methyl-	216	C17H12	003442-78-2	87
5		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081717\
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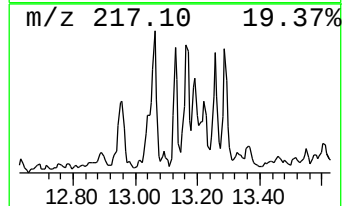
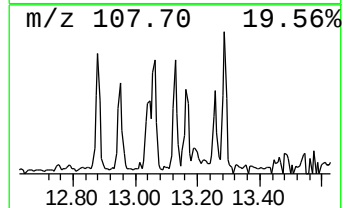
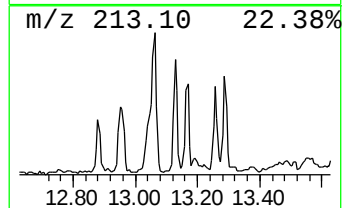
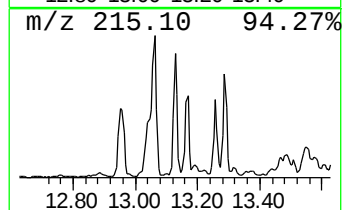
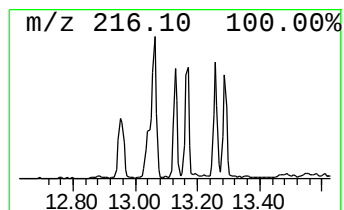
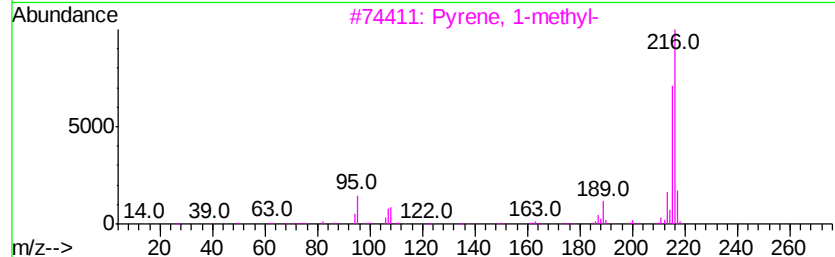
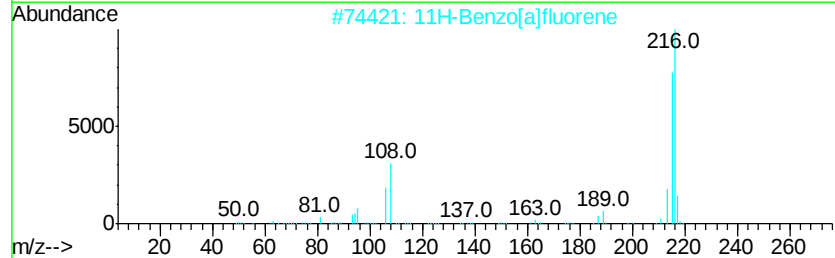
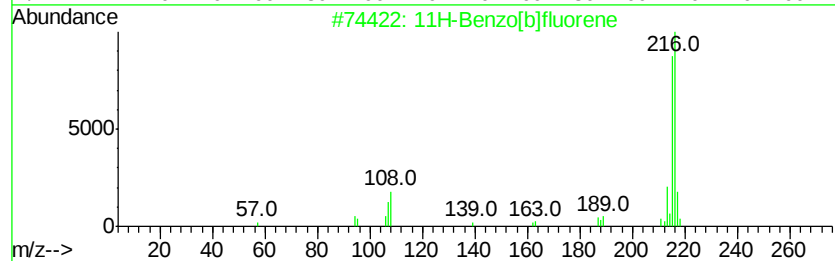
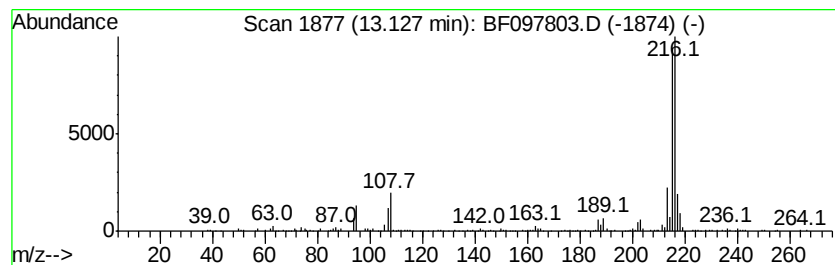
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.13	3.63 ng	290214	Chrysene-d12	13.93	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
3	Pvrene, 1-methyl-	216	C17H12	002381-21-7	80
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74



Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
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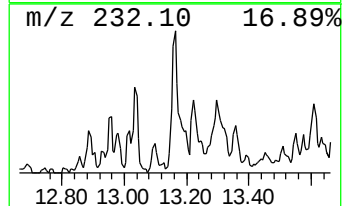
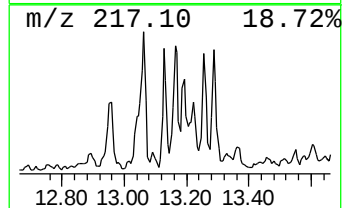
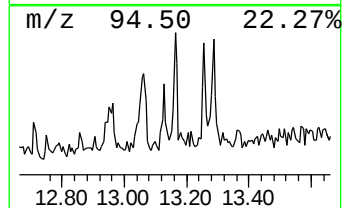
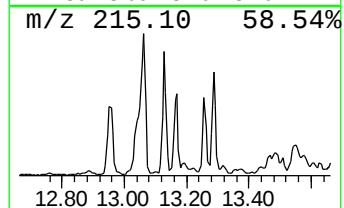
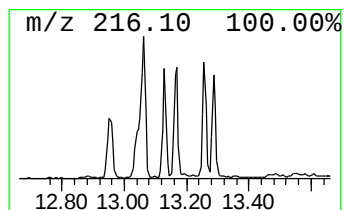
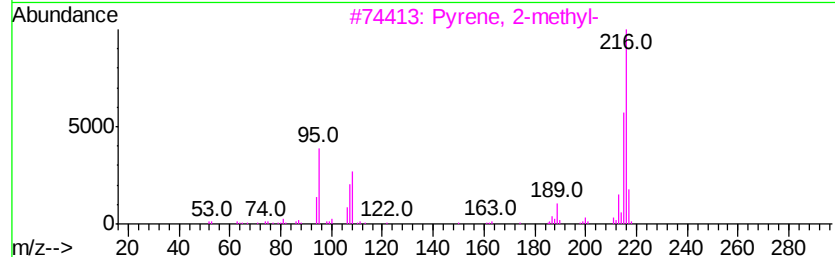
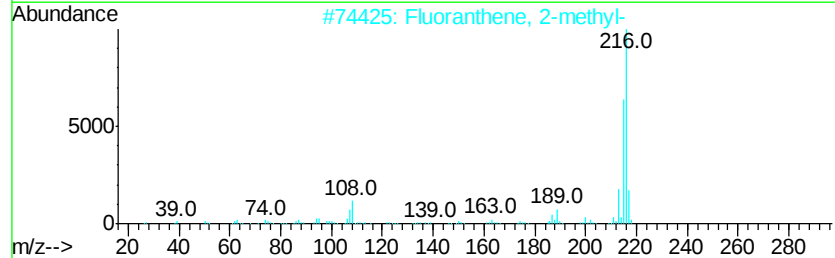
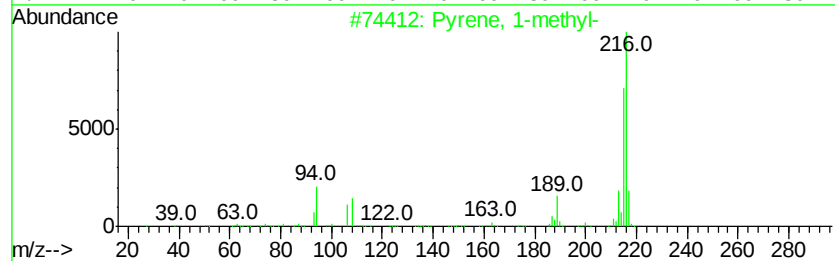
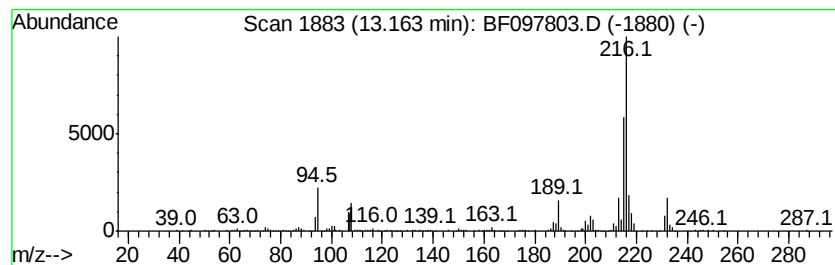
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Fluoranthene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	4.39 ng	351231	Chrysene-d12	13.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3			Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4			11H-Benzo[alfluorene	216	C17H12	000238-84-6	91
5			Pyrene, 4-methyl-	216	C17H12	003353-12-6	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081717\
Data File : BF097803.D
Acq On : 17 Aug 2017 23:16
Operator : SJ/JU
Sample : I4750-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-15(0-10)COMP

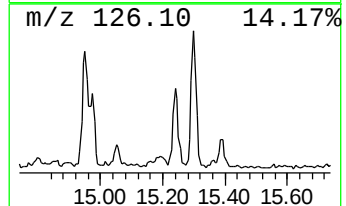
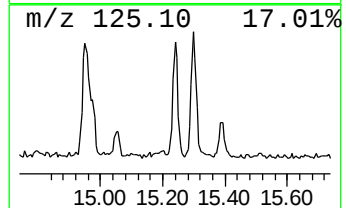
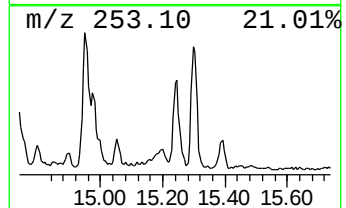
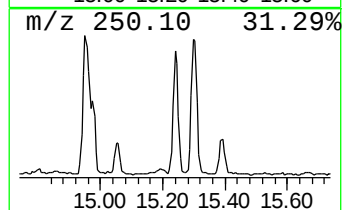
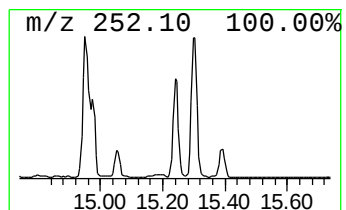
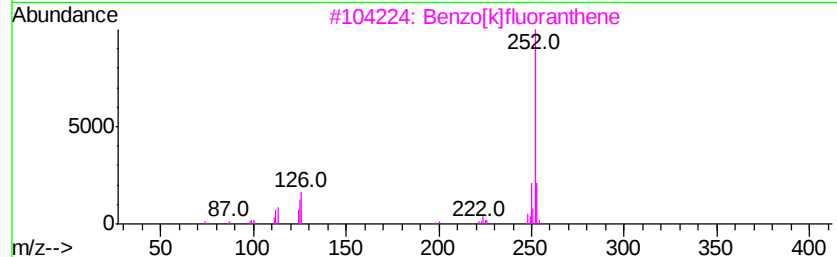
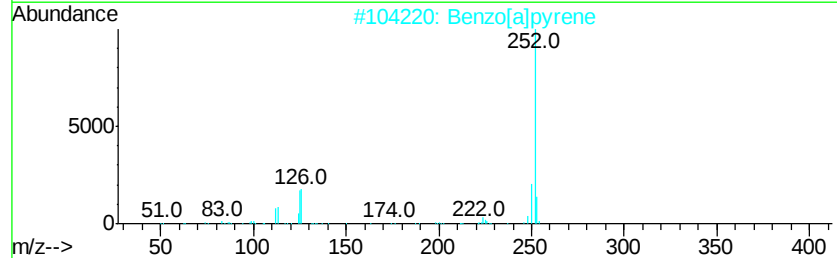
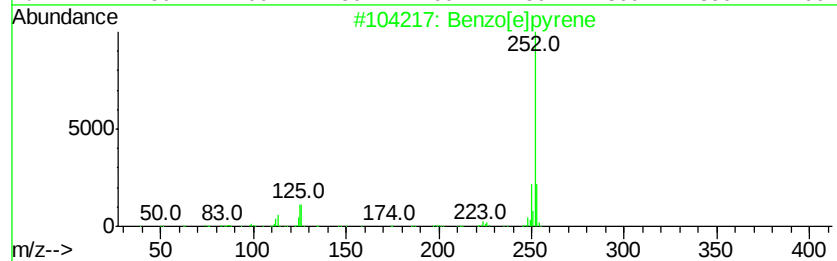
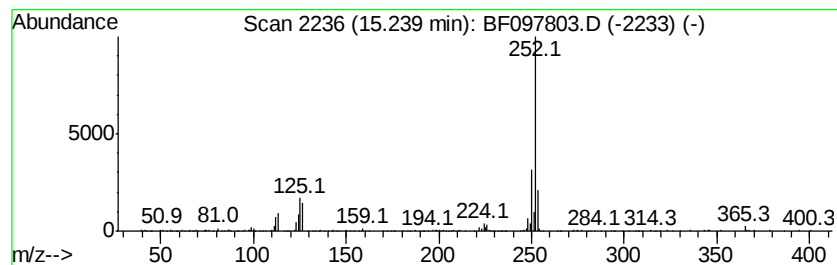
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	11.64 ng	302517	Perylene-d12	15.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2		Benzo[a]pyrene	252	C20H12	000050-32-8	95
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	90
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081717\
Data File : BF097803.D
Acq On : 17 Aug 2017 23:16
Operator : SJ/JU
Sample : I4750-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-15(0-10)COMP

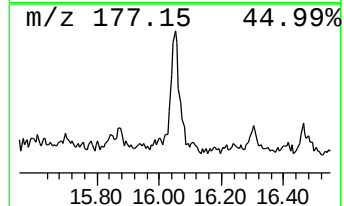
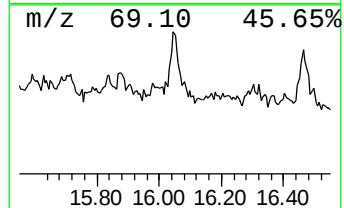
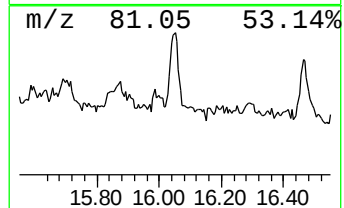
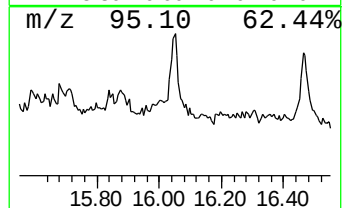
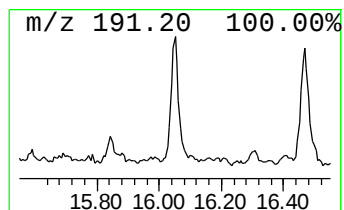
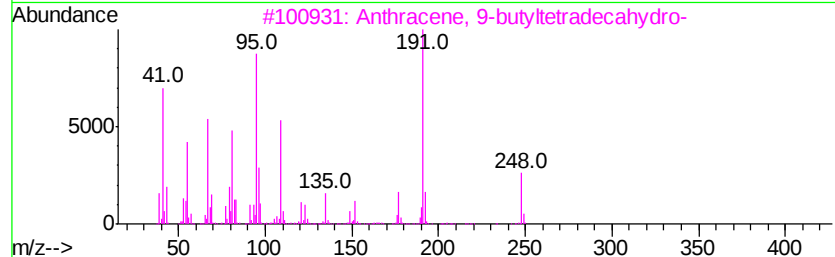
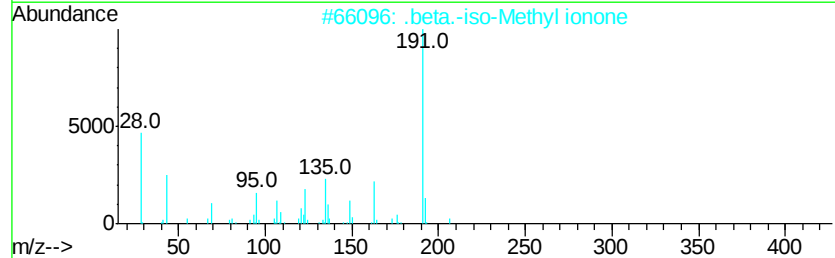
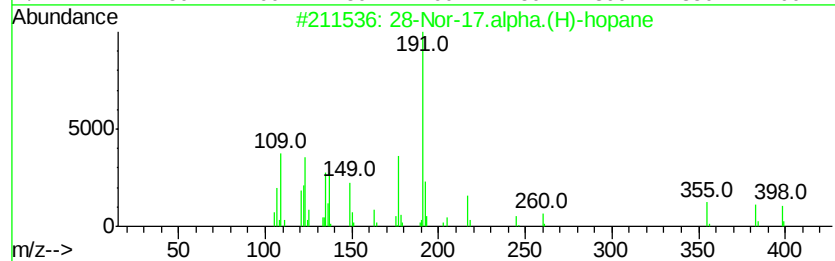
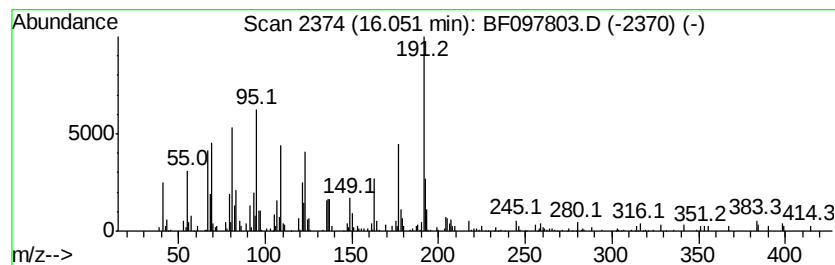
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 28-Nor-17.alpha.(H)-hopane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	12.98 ng	337416	Perylene-d12	15.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	78
2		.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	49
3		Anthracene, 9-butyltetradecahydro-	248	C18H32	055133-89-6	47
4		17.alpha.,21.beta.-28,30-Bisnorho...	384	C28H48	1000360-26-1	46
5		Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	40



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081717\
 Data File : BF097803.D
 Acq On : 17 Aug 2017 23:16
 Operator : SJ/JU
 Sample : I4750-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-15(0-10)COMP

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.97	6.0	ng	270146	1	6.77	907842	20.0
4-Nonene, 3-methy...	6.31	4.6	ng	209689	1	6.77	907842	20.0
unknown6.55	6.55	61.6	ng	2795580	1	6.77	907842	20.0
Phenanthrene, 2-m...	11.80	8.9	ng	372317	4	11.30	831550	20.0
Phenanthrene, 1-m...	11.82	10.2	ng	425083	4	11.30	831550	20.0
Anthracene, 1-met...	11.90	15.9	ng	662528	4	11.30	831550	20.0
1H-Indene, 2-phenyl-	11.93	6.2	ng	258007	4	11.30	831550	20.0
Naphthalene, 2-ph...	12.09	4.0	ng	165164	4	11.30	831550	20.0
Phenanthrene, 4,5...	12.24	4.7	ng	195589	4	11.30	831550	20.0
9,10-Dimethylanthe...	12.35	8.6	ng	356856	4	11.30	831550	20.0
Naphthalene, 1-ph...	12.39	6.5	ng	270116	4	11.30	831550	20.0
Anthracene, 2-ethyl-	12.43	5.4	ng	224901	4	11.30	831550	20.0
Pyrene, 1-methyl-	12.95	3.5	ng	276971	5	13.93	1599110	20.0
11H-Benzo[a]fluorene	13.06	4.8	ng	386391	5	13.93	1599110	20.0
11H-Benzo[b]fluorene	13.13	3.6	ng	290214	5	13.93	1599110	20.0
Fluoranthene, 2-m...	13.16	4.4	ng	351231	5	13.93	1599110	20.0
Benzo[e]pyrene	15.24	11.6	ng	302517	6	15.36	519949	20.0
28-Nor-17.alpha.(...	16.05	13.0	ng	337416	6	15.36	519949	20.0