

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
 Data File : BF103224.D
 Acq On : 26 Feb 2018 18:26
 Operator : SJ/JU
 Sample : J1691-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2

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-BF022218.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	2.140	4	9	24	rVB	1183914	1616818	46.88%	3.086%
2	5.063	503	506	509	rBV2	34784	39664	1.15%	0.076%
3	5.099	509	512	523	rVB	198789	251432	7.29%	0.480%
4	5.493	575	579	594	rBV	3439060	3448675	100.00%	6.583%
5	6.504	746	751	770	rBV	3081644	3323098	96.36%	6.343%
6	6.640	770	774	778	rBV	3464340	3317250	96.19%	6.332%
7	6.869	809	813	819	rBV	1128440	923090	26.77%	1.762%
8	7.028	835	840	843	rBV	2676804	2599090	75.36%	4.961%
9	7.434	904	909	912	rBV	2322934	2157958	62.57%	4.119%
10	7.892	982	987	990	rBV	39766	38776	1.12%	0.074%
11	8.151	1027	1031	1033	rBV	1302061	1135852	32.94%	2.168%
12	8.175	1033	1035	1041	rVB	212856	202102	5.86%	0.386%
13	8.704	1122	1125	1128	rBV	162836	143930	4.17%	0.275%
14	8.863	1149	1152	1160	rVB	81664	75330	2.18%	0.144%
15	8.963	1163	1169	1176	rVB	87094	89394	2.59%	0.171%
16	9.222	1209	1213	1217	rBV	3088607	3041343	88.19%	5.805%
17	9.328	1228	1231	1234	rBV	41720	36706	1.06%	0.070%
18	9.563	1267	1271	1274	rBV	58259	65818	1.91%	0.126%
19	9.616	1277	1280	1286	rVB	158259	146907	4.26%	0.280%
20	9.769	1302	1306	1308	rBV	76201	68617	1.99%	0.131%
21	9.828	1311	1316	1319	rVV	59550	63314	1.84%	0.121%
22	9.904	1326	1329	1332	rBV	1110947	1043328	30.25%	1.991%
23	9.939	1332	1335	1339	rVB	566687	449050	13.02%	0.857%
24	10.110	1361	1364	1368	rBV	156218	156884	4.55%	0.299%
25	10.145	1368	1370	1375	rVB4	38391	39088	1.13%	0.075%
26	10.328	1395	1401	1403	rBV3	87251	122821	3.56%	0.234%
27	10.457	1419	1423	1427	rBV	326291	298901	8.67%	0.571%
28	10.539	1435	1437	1440	rVB	64921	57671	1.67%	0.110%
29	10.616	1447	1450	1457	rVB	799159	746050	21.63%	1.424%
30	10.698	1460	1464	1469	rBV	1683977	1605634	46.56%	3.065%
31	10.798	1479	1481	1491	rVB5	102312	186633	5.41%	0.356%
32	11.004	1513	1516	1519	rBV2	62555	67343	1.95%	0.129%
33	11.204	1547	1550	1554	rVB	56143	54199	1.57%	0.103%
34	11.245	1554	1557	1560	rBV3	80683	97378	2.82%	0.186%

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Filtering: 5
 Min Area: 3 % of largest Peak
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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.292	1563	1565	1571	rVB	181258	165822	4.81%	0.317%
36	11.398	1579	1583	1585	rBV	997032	946784	27.45%	1.807%
37	11.422	1585	1587	1591	rVV	2138581	1857572	53.86%	3.546%
38	11.475	1592	1596	1599	rVV	543052	468137	13.57%	0.894%
39	11.628	1618	1622	1626	rBV2	317722	349984	10.15%	0.668%
40	11.898	1665	1668	1669	rBV	171852	142577	4.13%	0.272%
41	11.928	1671	1673	1678	rVB	311853	261748	7.59%	0.500%
42	11.975	1678	1681	1684	rBV	140344	122516	3.55%	0.234%
43	12.016	1684	1688	1690	rBV2	316832	341006	9.89%	0.651%
44	12.080	1697	1699	1701	rBV	58524	42886	1.24%	0.082%
45	12.192	1715	1718	1721	rBV	142794	123794	3.59%	0.236%
46	12.222	1721	1723	1729	rVB	105120	112962	3.28%	0.216%
47	12.616	1786	1790	1793	rBV	2341855	2157367	62.56%	4.118%
48	12.675	1798	1800	1802	rBV	52827	41336	1.20%	0.079%
49	12.698	1802	1804	1808	rVB3	64522	81924	2.38%	0.156%
50	12.845	1822	1829	1834	rBV	1963455	2291209	66.44%	4.373%
51	12.892	1834	1837	1842	rVB2	108228	125012	3.62%	0.239%
52	12.980	1846	1852	1855	rBV	2076439	2006324	58.18%	3.830%
53	13.004	1855	1856	1860	rVB	157648	105327	3.05%	0.201%
54	13.057	1861	1865	1869	rBV2	106296	165395	4.80%	0.316%
55	13.092	1869	1871	1874	rBV	58967	48144	1.40%	0.092%
56	13.151	1877	1881	1882	rBV3	104918	144046	4.18%	0.275%
57	13.169	1882	1884	1887	rVB	339803	303341	8.80%	0.579%
58	13.198	1887	1889	1892	rBV2	68299	56803	1.65%	0.108%
59	13.233	1893	1895	1898	rBV	248313	231286	6.71%	0.441%
60	13.274	1898	1902	1905	rBV2	151785	193127	5.60%	0.369%
61	13.369	1916	1918	1920	rVB	74885	53283	1.55%	0.102%
62	13.398	1920	1923	1931	rBV3	85889	124418	3.61%	0.237%
63	13.539	1945	1947	1950	rBV3	52752	62822	1.82%	0.120%
64	13.592	1954	1956	1959	rVB2	70465	66296	1.92%	0.127%
65	13.651	1964	1966	1969	rBV3	51037	53727	1.56%	0.103%
66	13.680	1969	1971	1976	rVB	112136	96876	2.81%	0.185%
67	13.792	1987	1990	1992	rBV	182162	169925	4.93%	0.324%
68	13.816	1992	1994	1997	rVV	166339	156557	4.54%	0.299%
69	13.863	1997	2002	2005	rVV4	251127	439168	12.73%	0.838%
70	13.892	2005	2007	2010	rVB	128718	112665	3.27%	0.215%
71	14.039	2025	2032	2036	rBV2	1326333	2214319	64.21%	4.227%

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Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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72	14.074	2036	2038	2045	rVB	1087253	923662	26.78%	1.763%
73	14.151	2049	2051	2054	rVB	233680	202812	5.88%	0.387%
74	14.192	2056	2058	2062	rBV4	71230	73721	2.14%	0.141%
75	14.239	2064	2066	2069	rVB	73044	58562	1.70%	0.112%
76	14.398	2091	2093	2095	rBV	78684	69943	2.03%	0.134%
77	14.439	2097	2100	2103	rVB	169472	158564	4.60%	0.303%
78	14.569	2120	2122	2124	rBV	67185	49505	1.44%	0.094%
79	14.592	2124	2126	2130	rVB2	113290	100570	2.92%	0.192%
80	14.763	2153	2155	2158	rBV	71245	70928	2.06%	0.135%
81	14.951	2184	2187	2194	rVB3	97777	144475	4.19%	0.276%
82	15.116	2210	2215	2217	rBV	893363	1339833	38.85%	2.557%
83	15.221	2230	2233	2245	rVB	198863	279612	8.11%	0.534%
84	15.421	2263	2267	2273	rVB	537264	735554	21.33%	1.404%
85	15.486	2273	2278	2284	rVV	852624	1109775	32.18%	2.118%
86	15.551	2284	2289	2292	rVV	669035	911342	26.43%	1.740%
87	15.580	2292	2294	2301	rVB	284494	371135	10.76%	0.708%
88	15.986	2359	2363	2369	rBV2	168047	239251	6.94%	0.457%
89	17.062	2540	2546	2555	rBV	395029	775411	22.48%	1.480%
90	17.527	2618	2625	2635	rVB	269521	628874	18.24%	1.200%

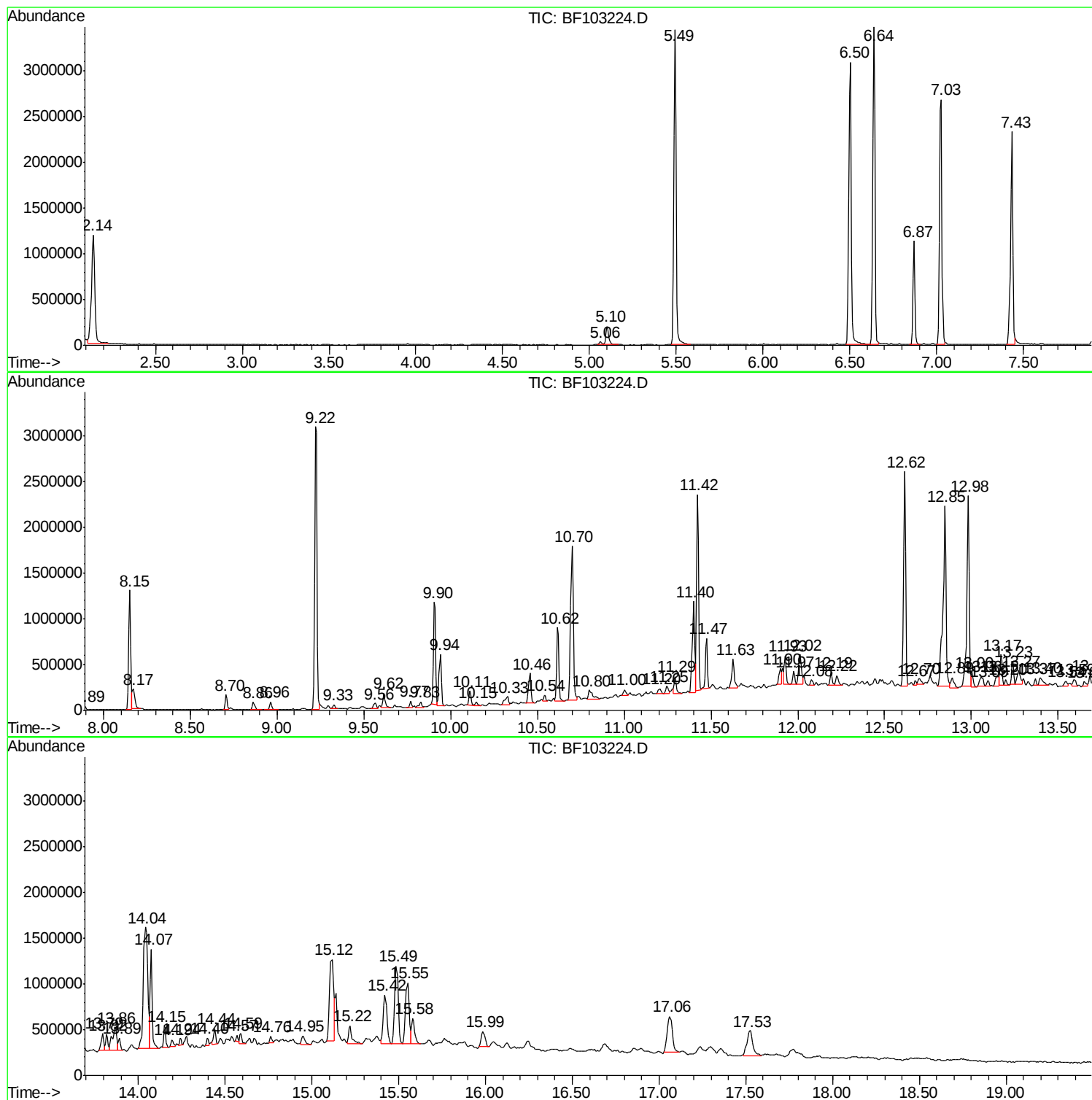
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Instrument :
BNA_F
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B2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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Instrument :
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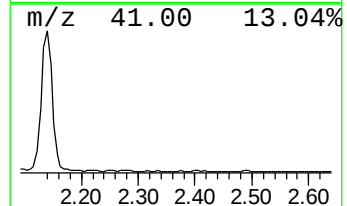
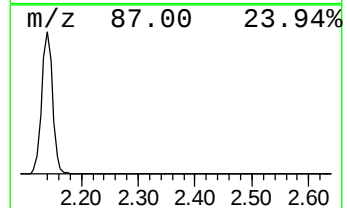
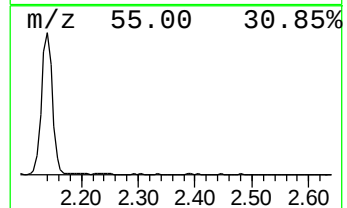
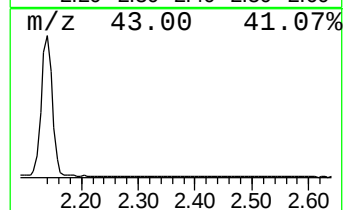
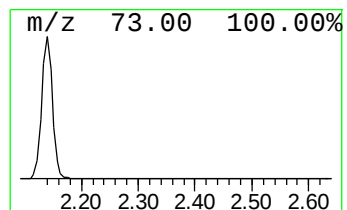
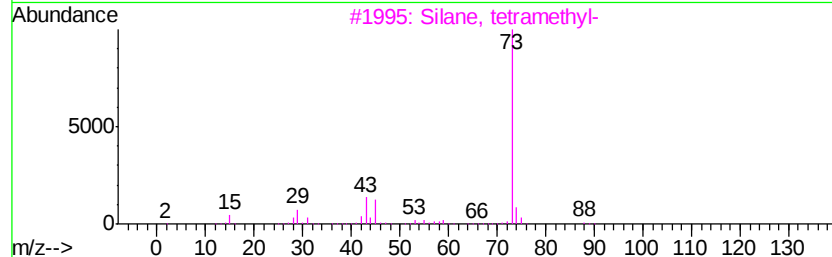
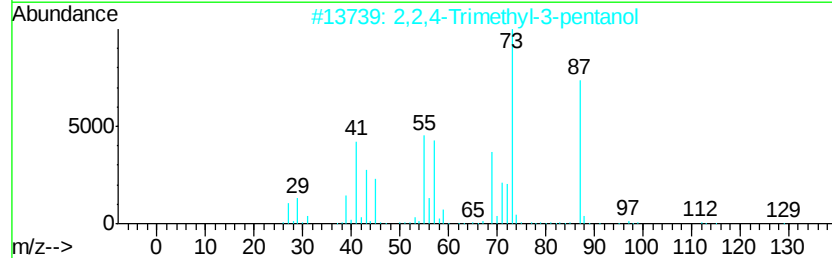
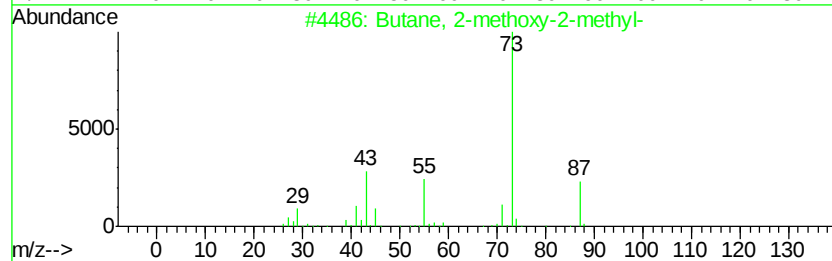
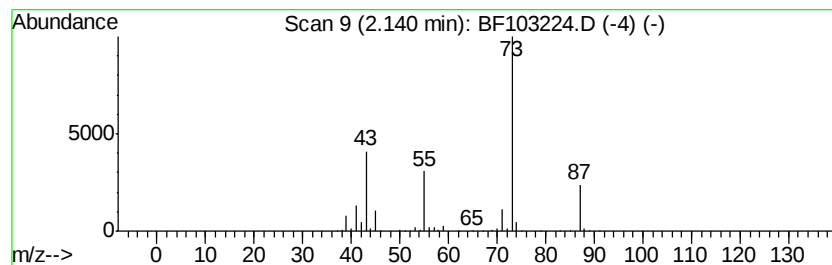
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.14	35.03 ng	1616820	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23



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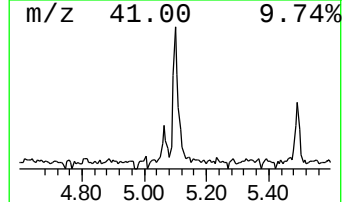
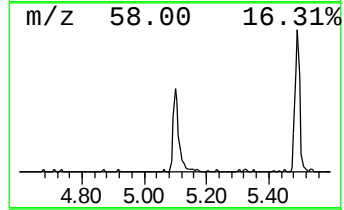
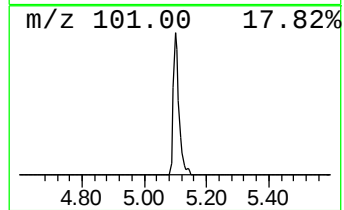
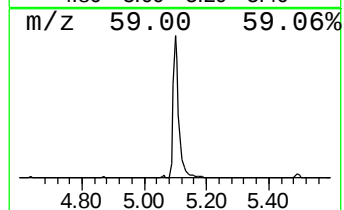
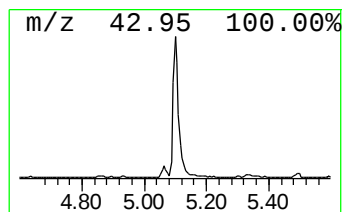
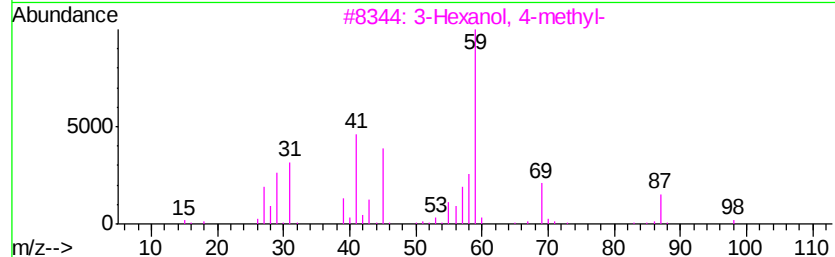
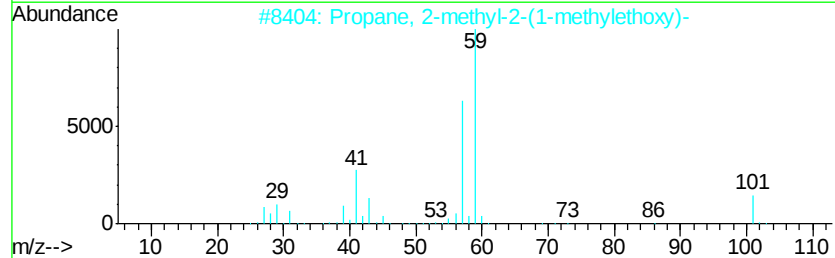
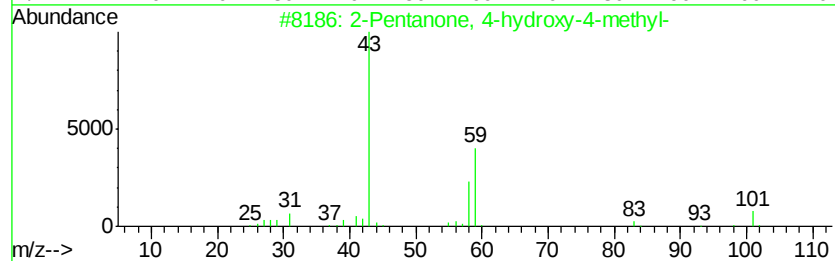
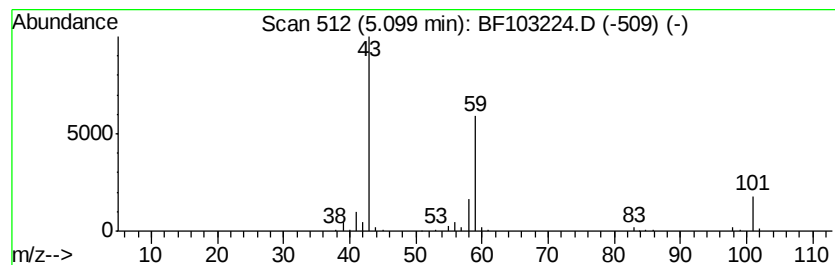
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	5.45 ng	251432	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		3-Hexanol, 4-ethyl-	130	C8H18O	019780-44-0	9



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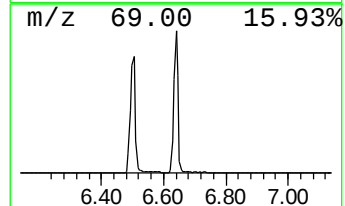
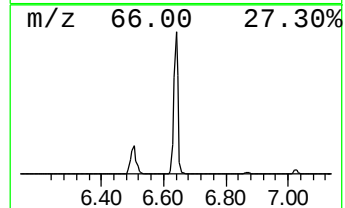
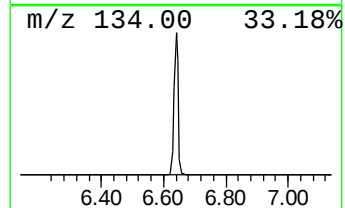
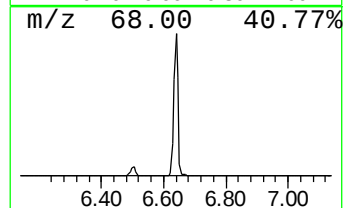
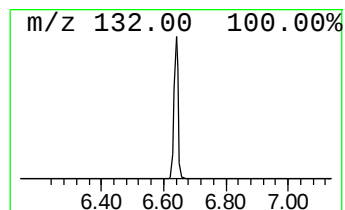
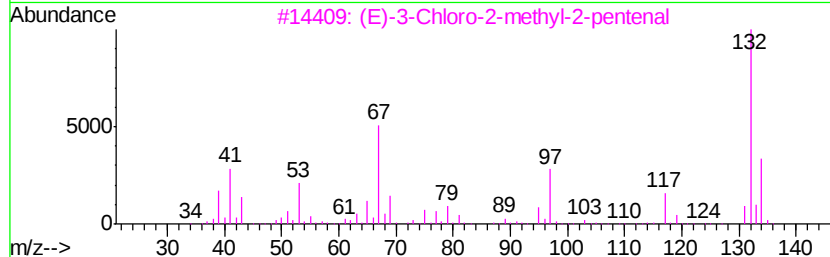
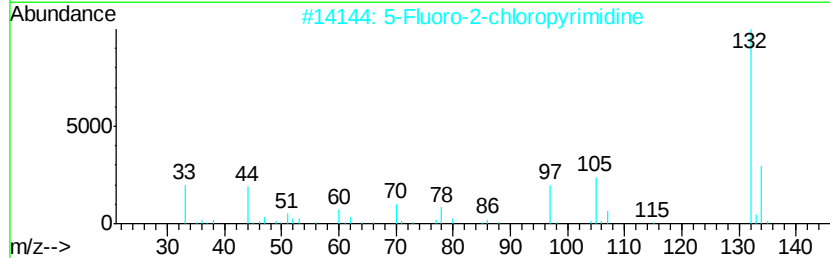
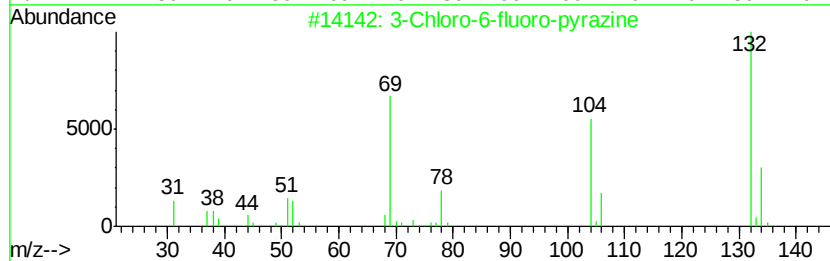
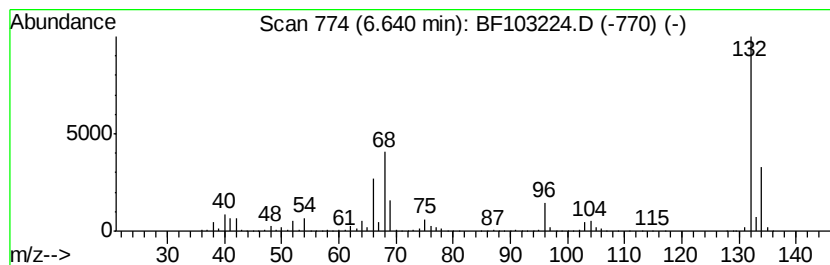
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	71.87 ng	3317250	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10



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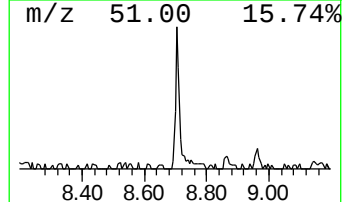
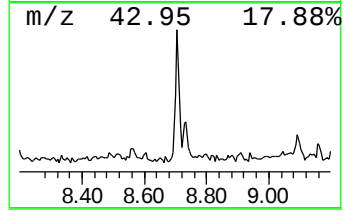
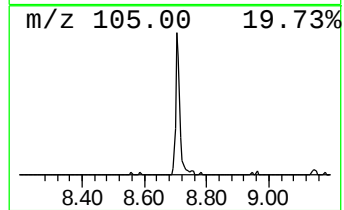
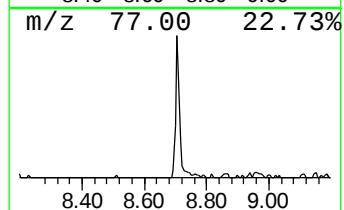
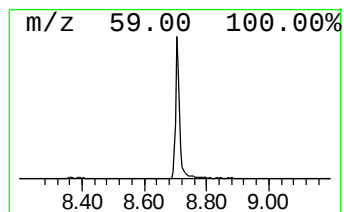
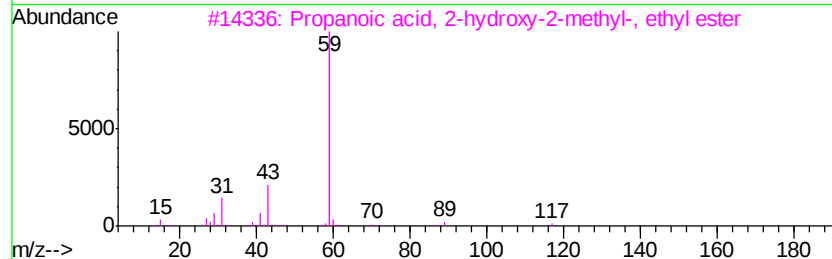
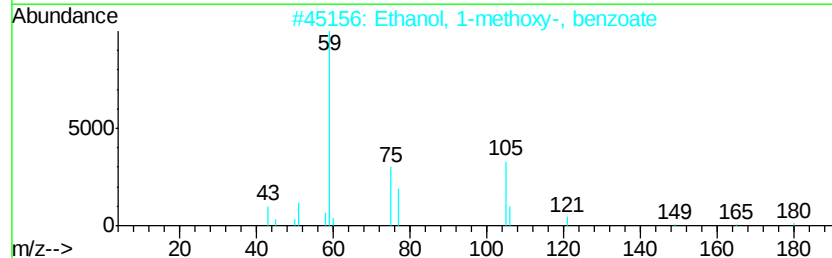
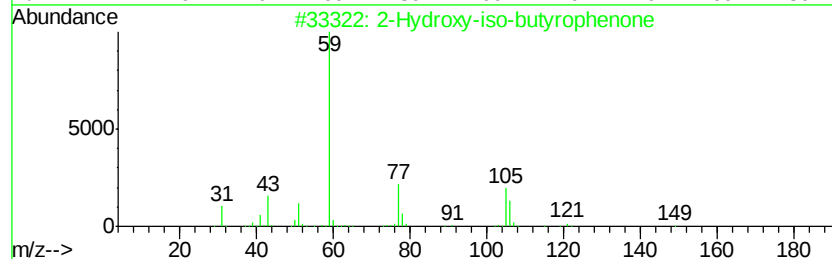
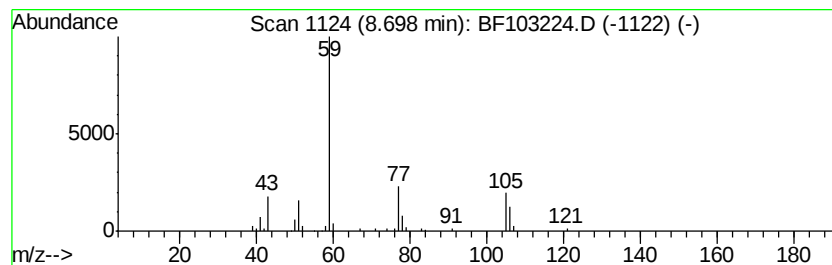
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 2-Hydroxy-iso-butyrophenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	2.53 ng	143930	Napthalene-d8	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	90
2		Ethanol, 1-methoxy-, benzoate	180	C10H12O3	051835-44-0	72
3		Propanoic acid, 2-hydroxy-2-methoxy-, ethyl ester	132	C6H12O3	000080-55-7	9
4		Guanidine	59	CH5N3	000113-00-8	7
5		Formamide, N-methyl-	59	C2H5NO	000123-39-7	5



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022618\
Data File : BF103224.D
Acq On : 26 Feb 2018 18:26
Operator : SJ/JU
Sample : J1691-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

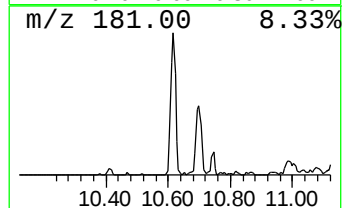
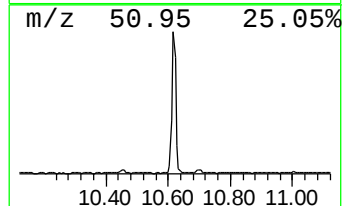
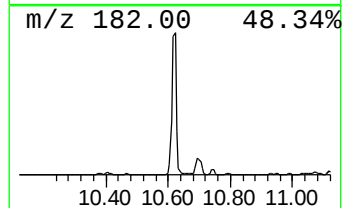
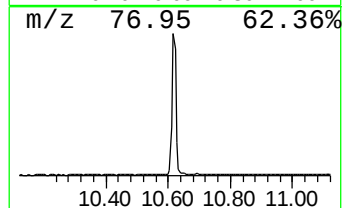
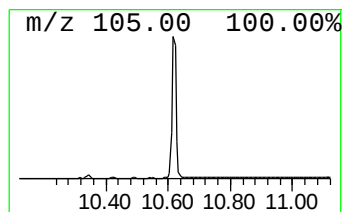
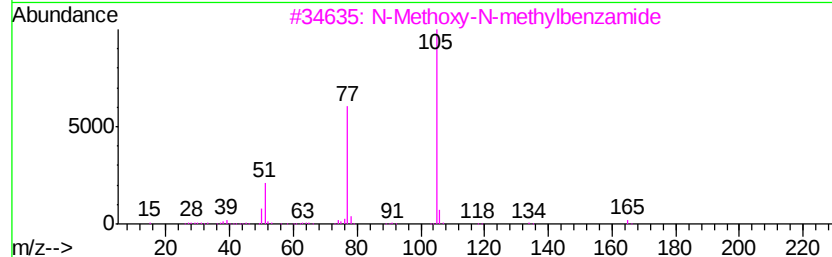
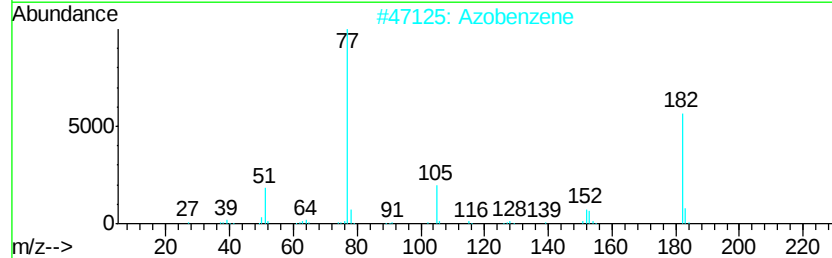
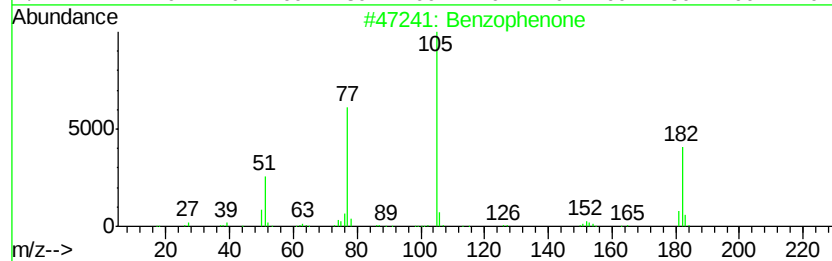
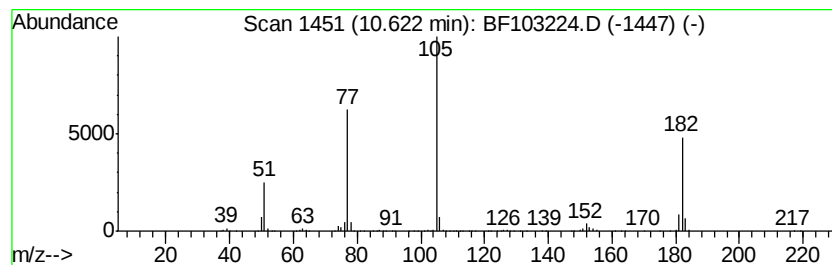
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.62	14.30 ng	746050	Acenaphthene-d10	9.90	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	58
3	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47
4	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	47
5	Benzoyl bromide	184	C7H5BrO	000618-32-6	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103224.D
Acq On : 26 Feb 2018 18:26
Operator : SJ/JU
Sample : J1691-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

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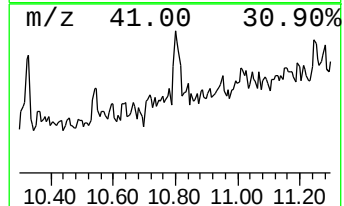
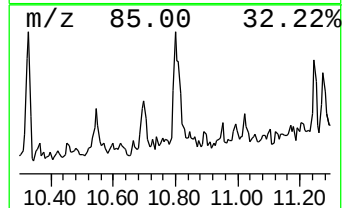
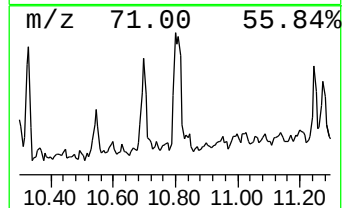
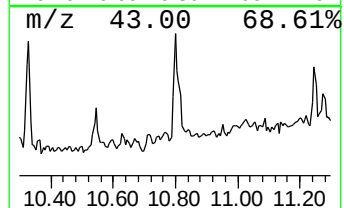
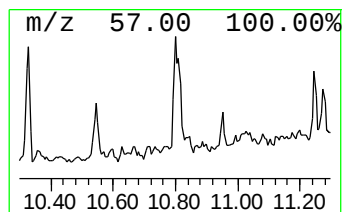
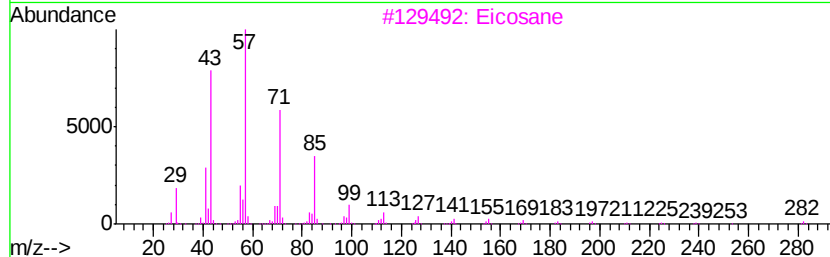
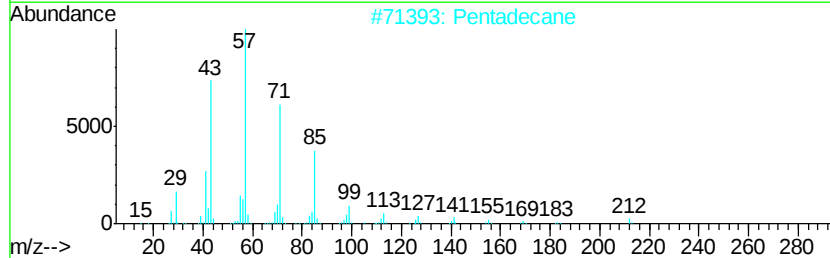
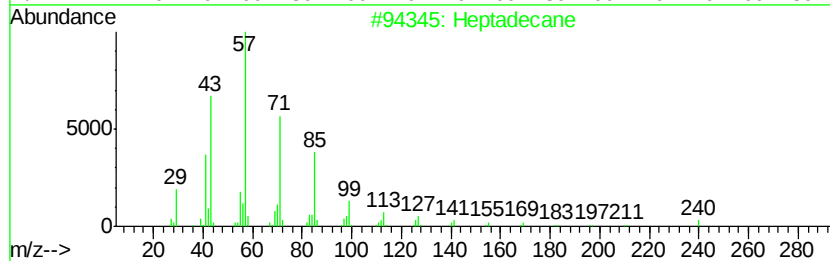
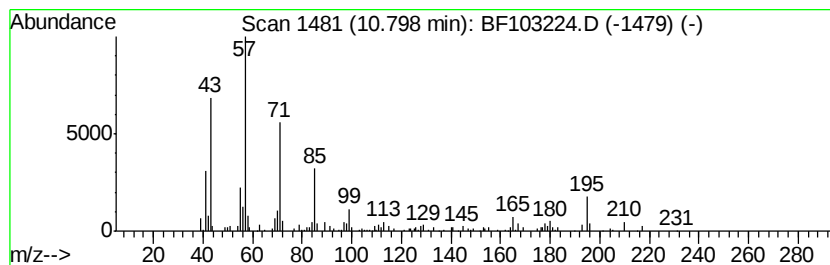
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	3.94 ng	186633	Phenanthrene-d10	11.40

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	62
2	Pentadecane		212	C15H32	000629-62-9	62
3	Eicosane		282	C20H42	000112-95-8	62
4	Hexadecane		226	C16H34	000544-76-3	58
5	Heptacosane		380	C27H56	000593-49-7	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022618\
Data File : BF103224.D
Acq On : 26 Feb 2018 18:26
Operator : SJ/JU
Sample : J1691-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

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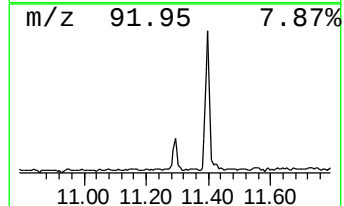
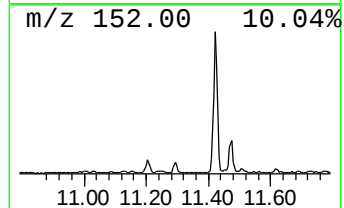
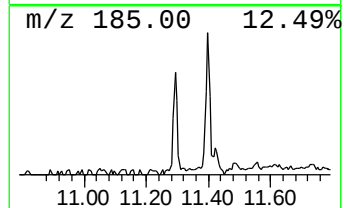
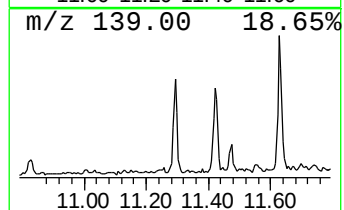
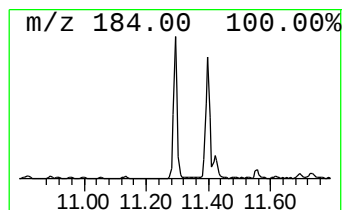
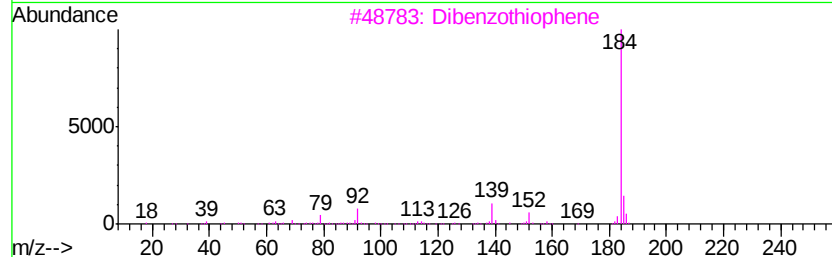
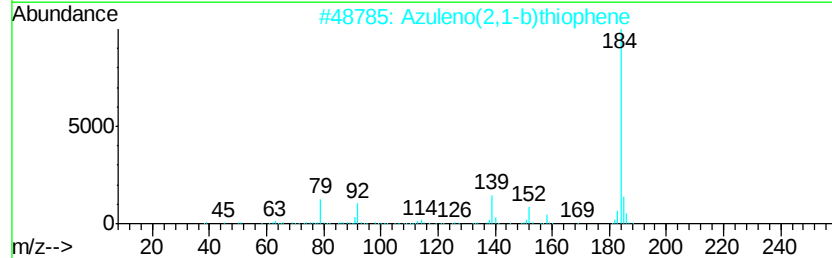
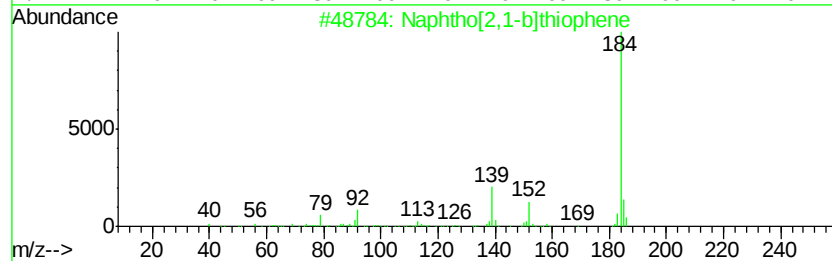
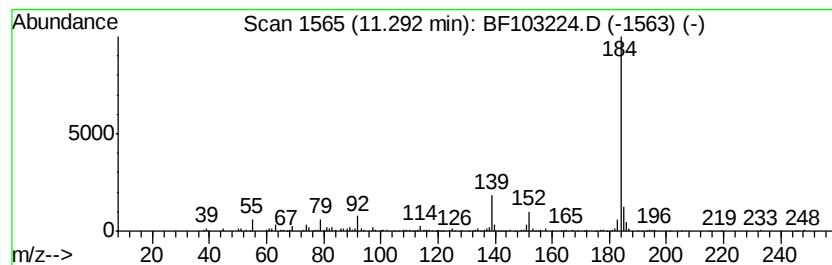
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphtho[2,1-b]thiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	3.50 ng	165822	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
2		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
3		Dibenzothiophene	184	C12H8S	000132-65-0	91
4		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	90
5		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
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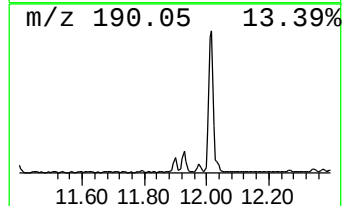
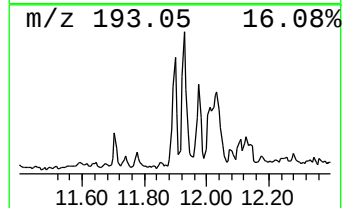
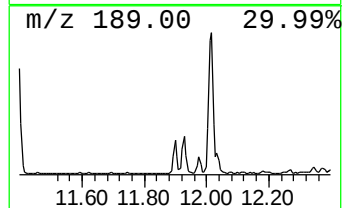
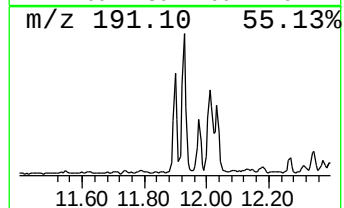
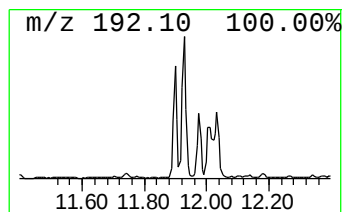
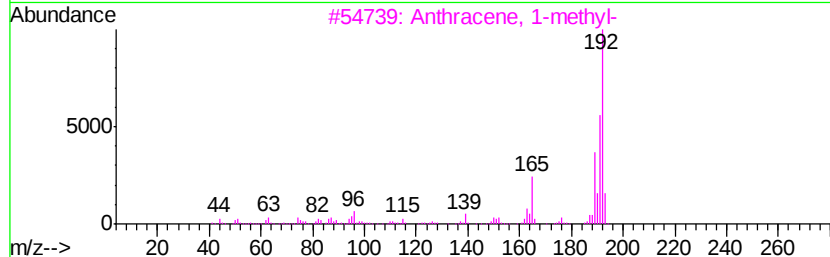
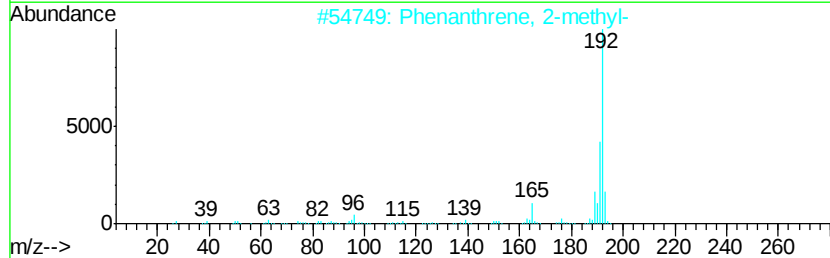
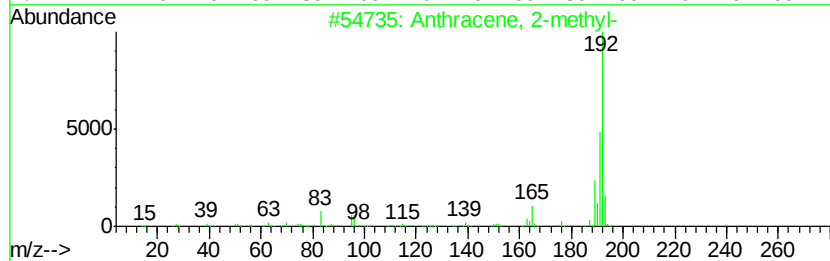
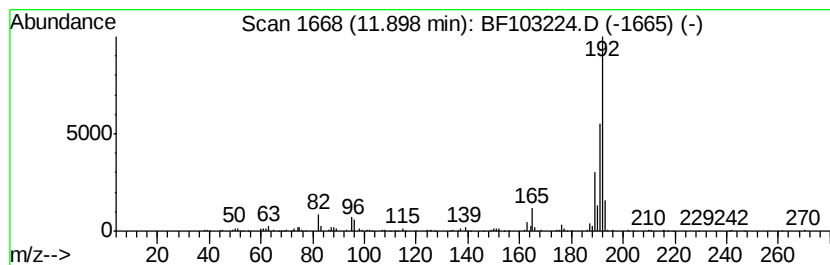
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Anthracene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	3.01 ng	142577	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	93
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022618\
Data File : BF103224.D
Acq On : 26 Feb 2018 18:26
Operator : SJ/JU
Sample : J1691-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

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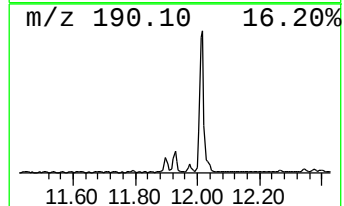
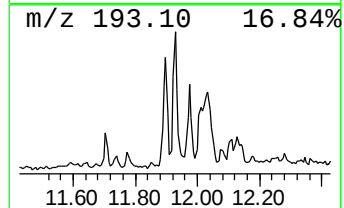
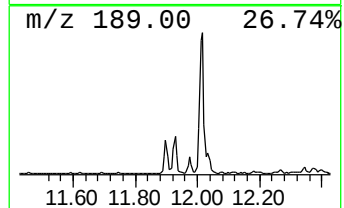
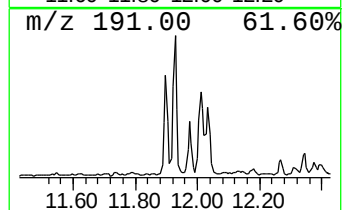
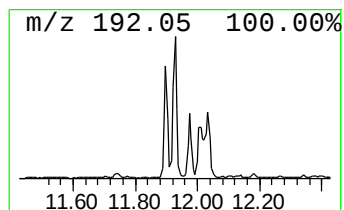
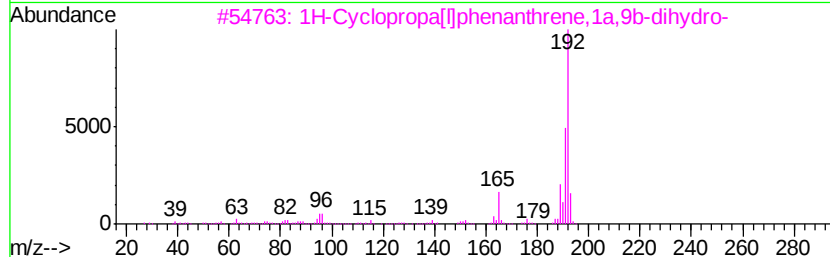
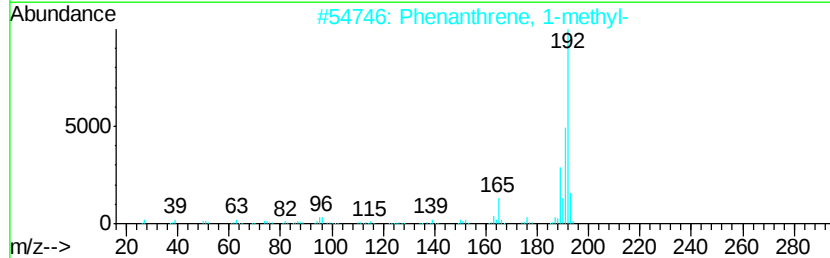
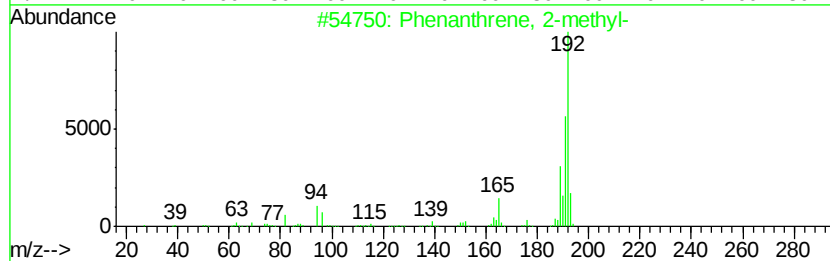
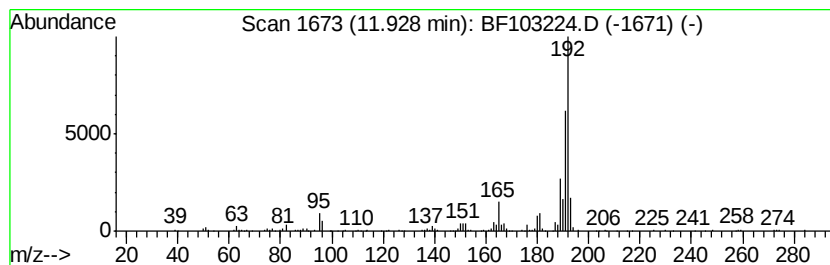
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	5.53 ng	261748	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
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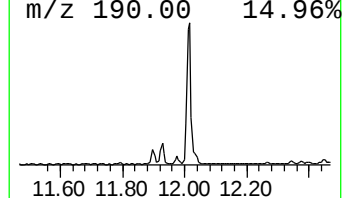
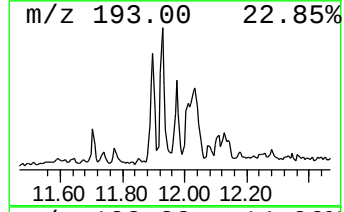
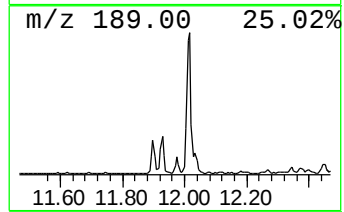
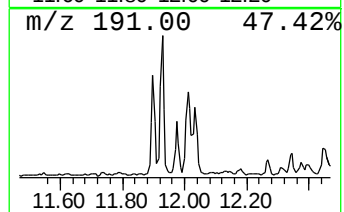
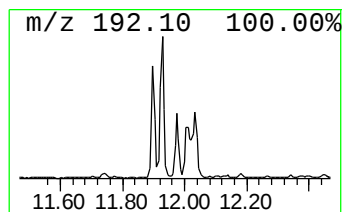
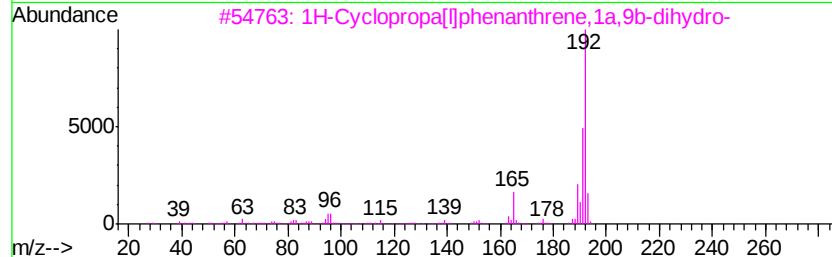
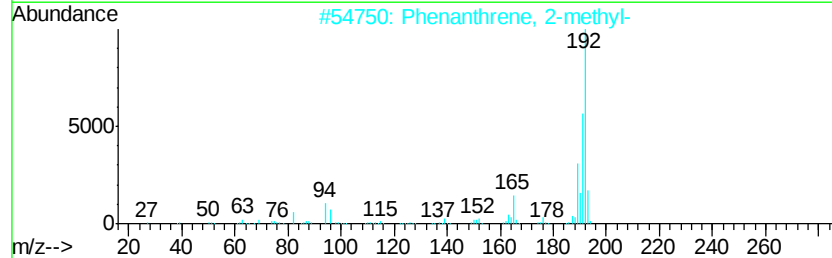
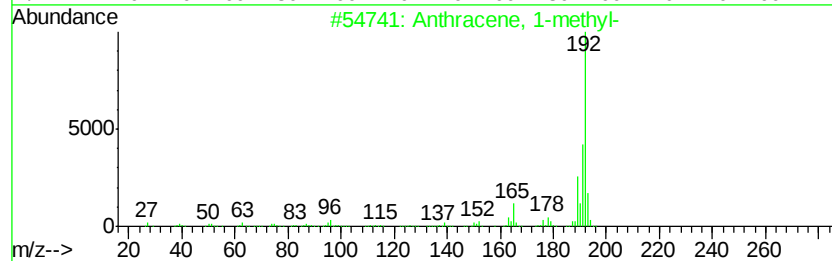
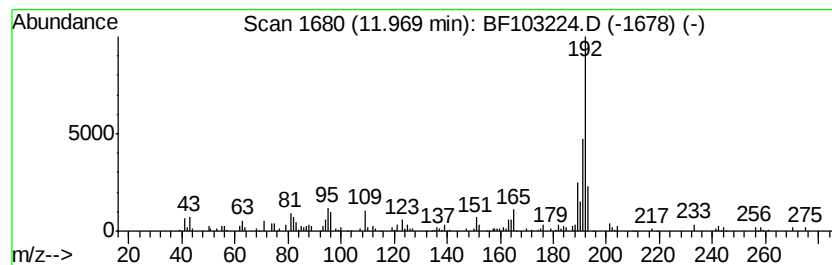
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Anthracene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	2.59 ng	122516	Phenanthrene-d10	11.40
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Anthracene, 1-methyl-	192 C15H12	000610-48-0 96
2		Phenanthrene, 2-methyl-	192 C15H12	002531-84-2 94
3		1H-Cyclopropa[1]phenanthrene,1a,...	192 C15H12	000949-41-7 94
4		Anthracene, 2-methyl-	192 C15H12	000613-12-7 93
5		Phenanthrene, 1-methyl-	192 C15H12	000832-69-9 93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022618\
Data File : BF103224.D
Acq On : 26 Feb 2018 18:26
Operator : SJ/JU
Sample : J1691-05
Misc :
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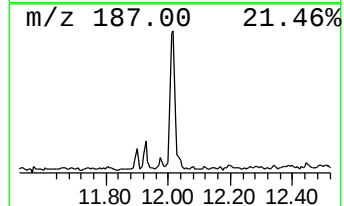
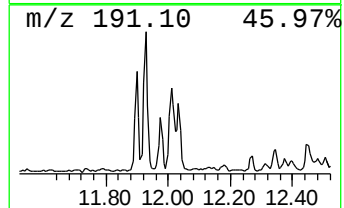
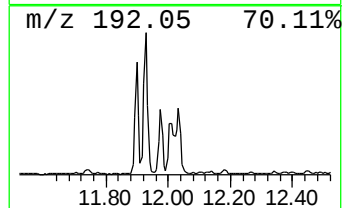
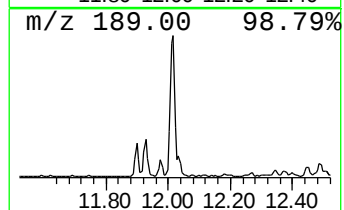
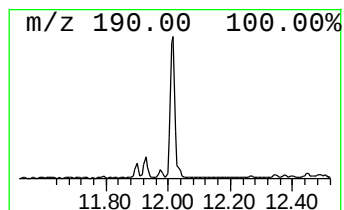
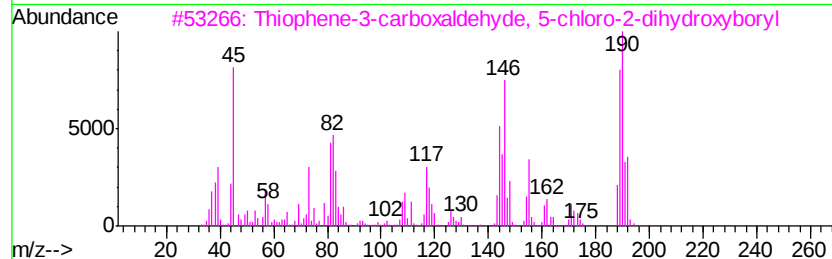
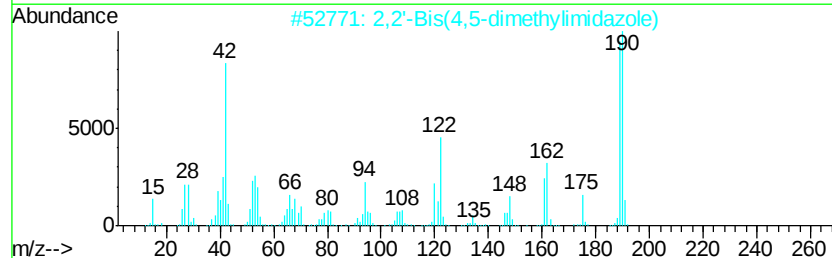
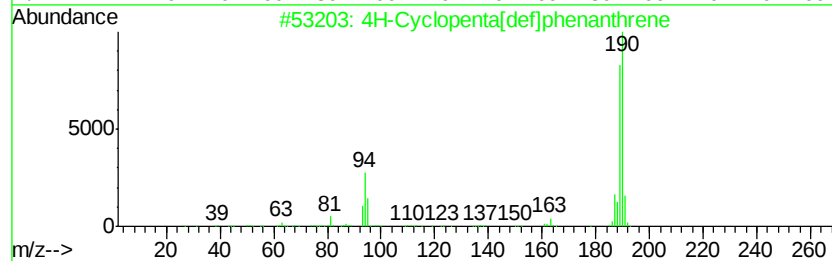
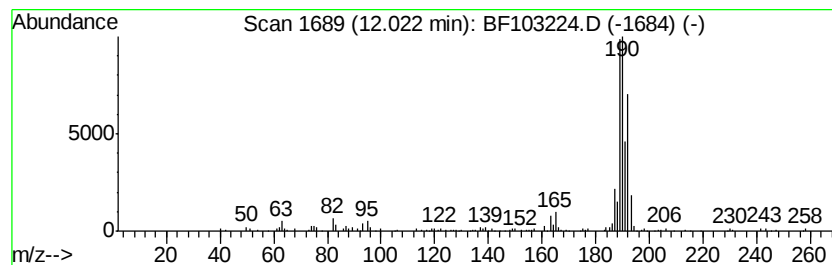
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	7.20 ng	341006	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	95
2		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
3		Thiophene-3-carboxaldehyde, 5-chloro-2-dihydroxyboryl	190	C5H4BClO3S	036155-87-0	38
4		6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	36
5		1,4-Naphthalenedione, 2,5-dihydroxy-	190	C10H6O4	004923-55-1	25



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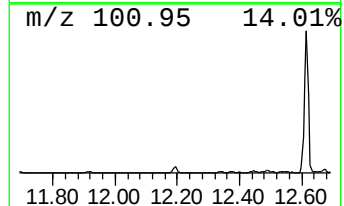
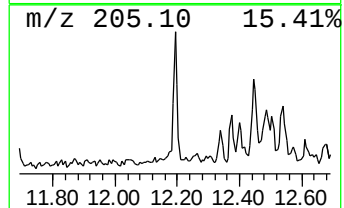
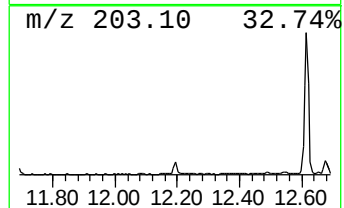
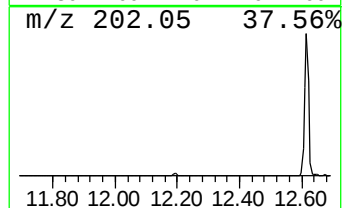
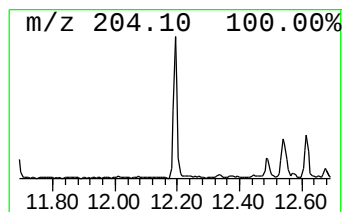
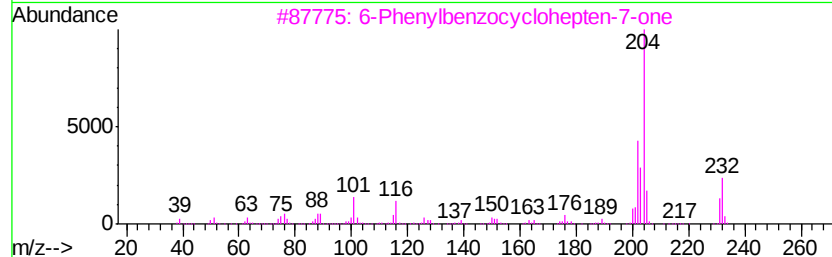
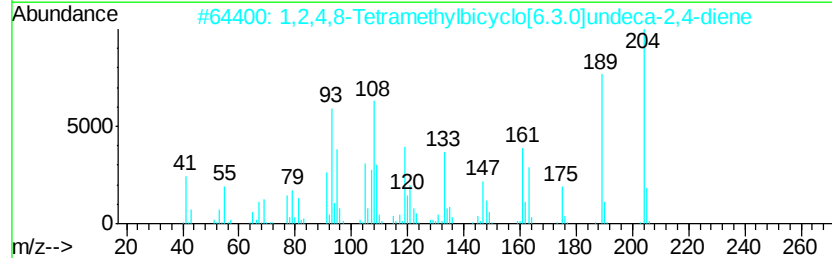
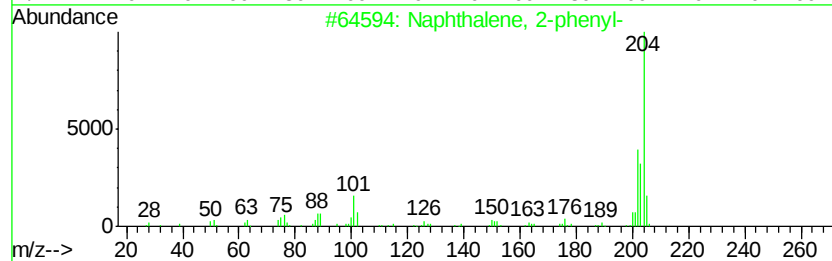
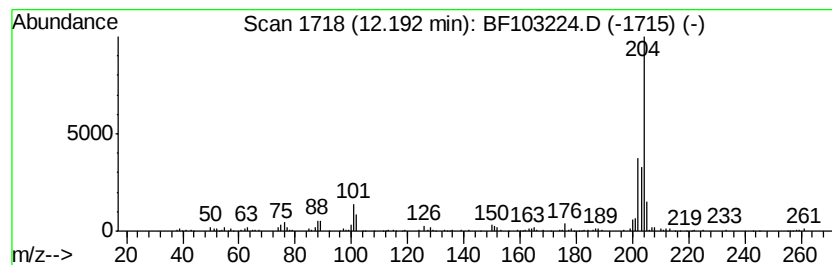
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	2.62 ng	123794	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2		1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	86
3		6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
4		Tricyclo[8.2.2.2(4,7)]hexadeca-2,4,6,8-tetraene	204	C16H12	006572-60-7	81
5		5,16[1',2']:8,13[1'',2'']-Dibenz[1,2-b:4,5-b']pentalene	408	C32H24	005672-97-9	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022618\
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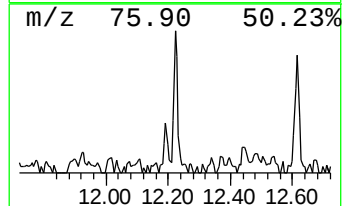
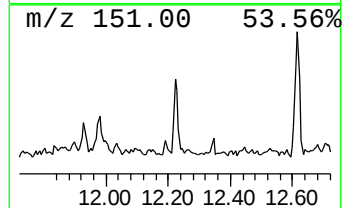
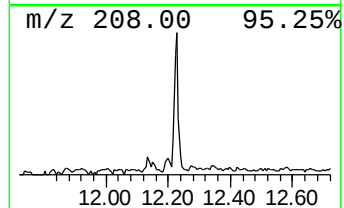
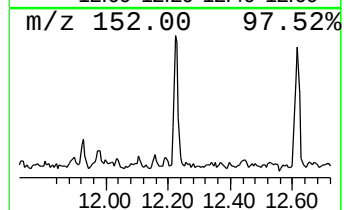
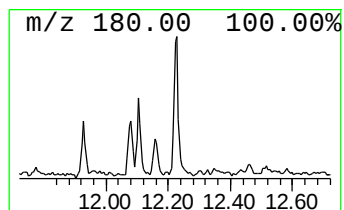
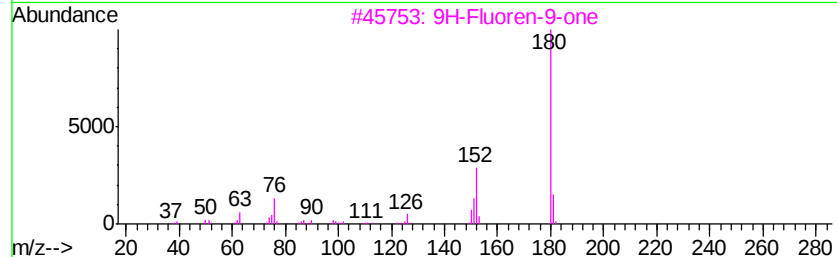
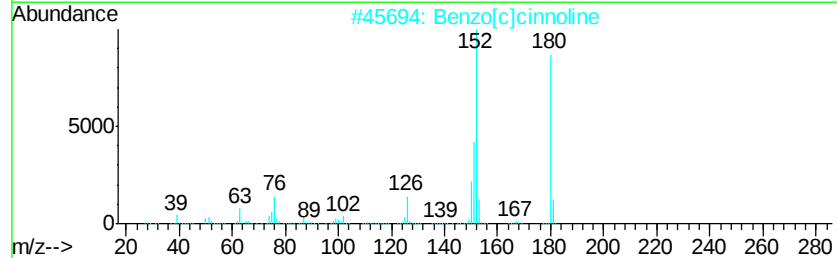
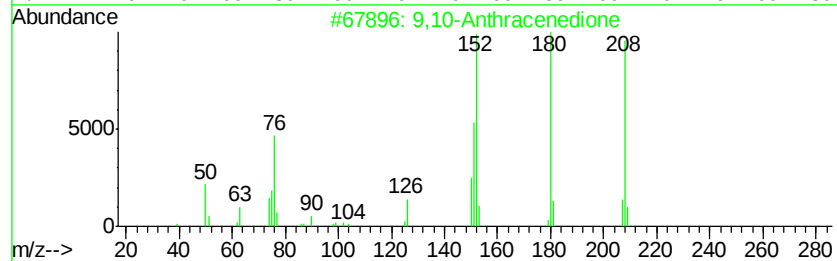
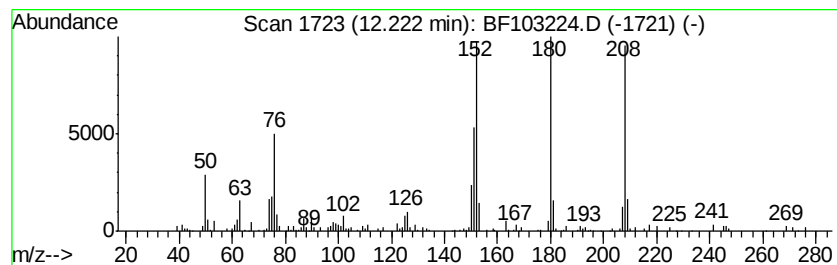
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 9,10-Anthracenedione Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	2.39 ng	112962	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
3		9H-Fluoren-9-one	180	C13H8O	000486-25-9	83
4		1H-Phenalen-1-one	180	C13H8O	000548-39-0	64
5		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60



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Data File : BF103224.D
Acq On : 26 Feb 2018 18:26
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Misc :
ALS Vial : 5 Sample Multiplier: 1

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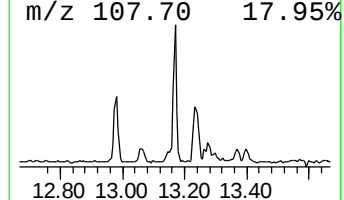
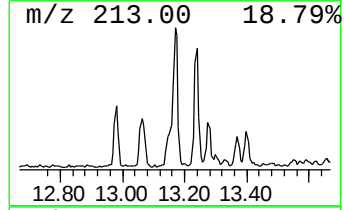
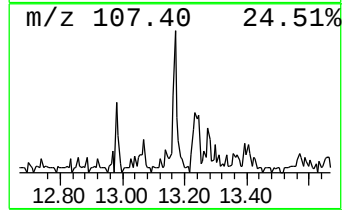
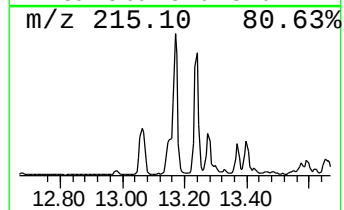
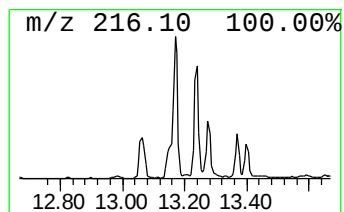
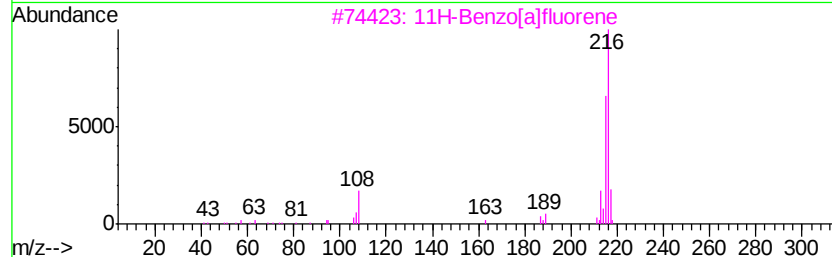
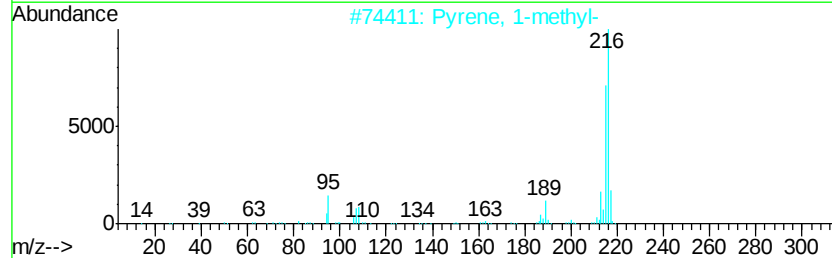
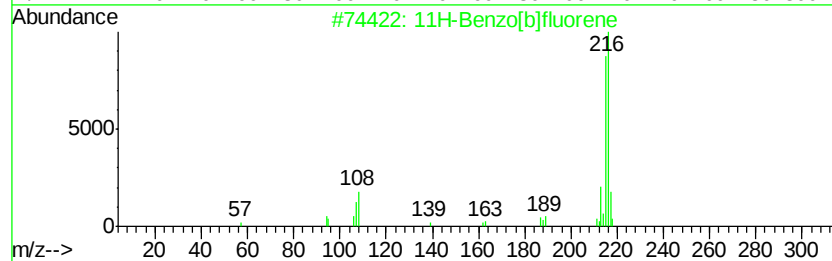
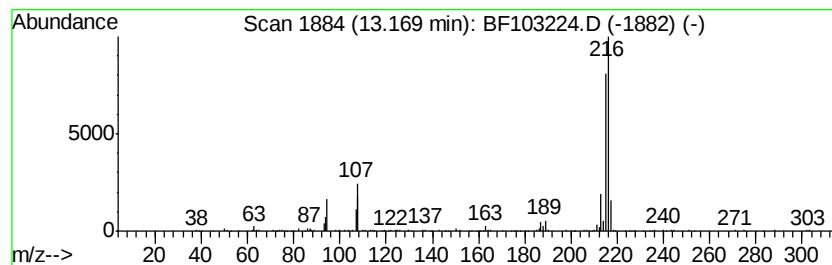
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	2.74 ng	303341	Chrysene-d12	14.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022618\
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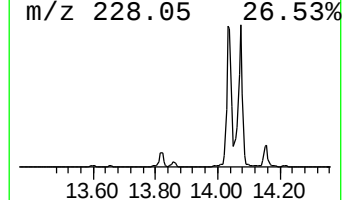
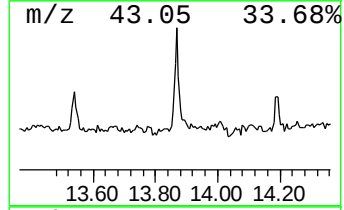
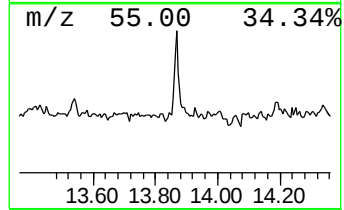
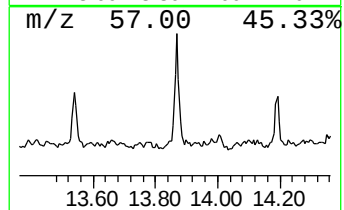
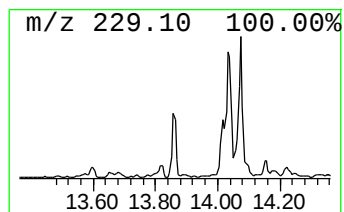
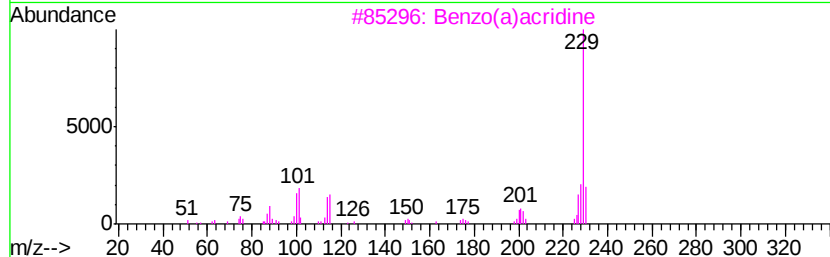
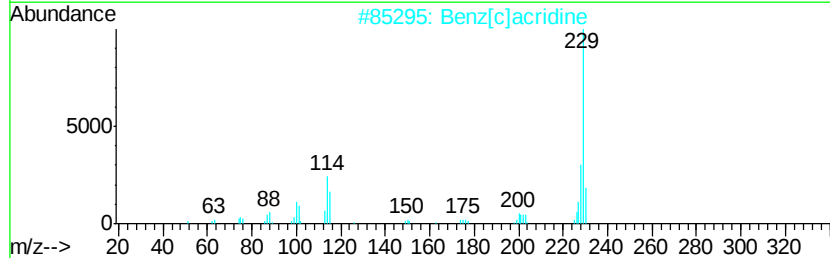
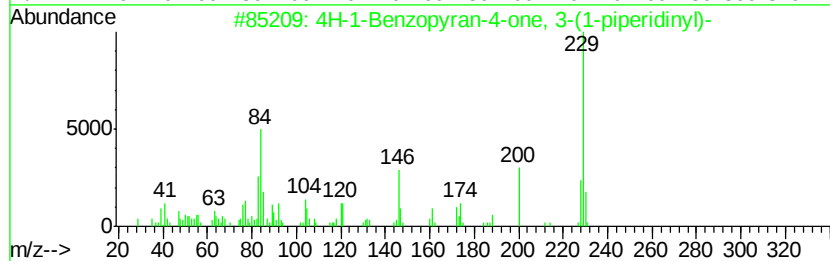
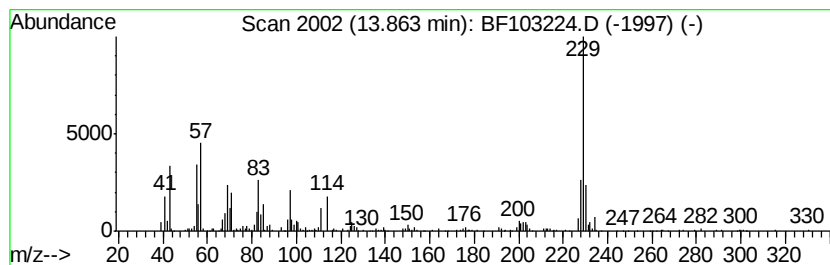
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 4H-1-Benzopyran-4-one, 3-(1... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.86	3.97 ng	439168	Chrysene-d12	14.05		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-1-Benzopyran-4-one, 3-(1-pipe...	229	C14H15N02	040302-79-2	53	
2	Benz[c]acridine	229	C17H11N	000225-51-4	46	
3	Benzo(a)acridine	229	C17H11N	000225-11-6	40	
4	Naphtho(2,1-f)quinoline	229	C17H11N	000218-08-6	40	
5	4-Acetyl-2,3-O-acetone-d-mannosan	244	C11H16O6	014440-55-2	38	



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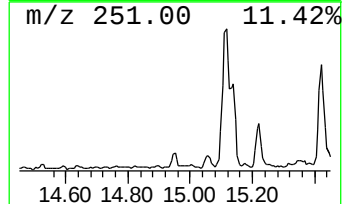
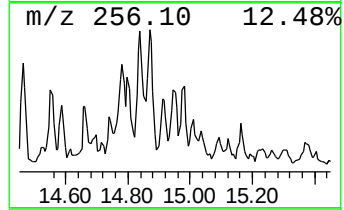
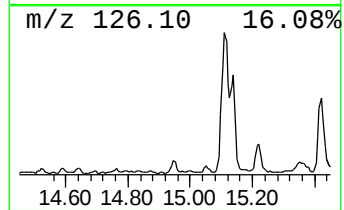
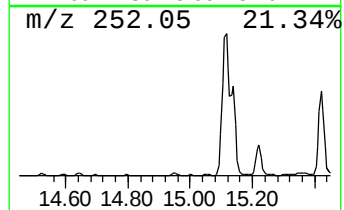
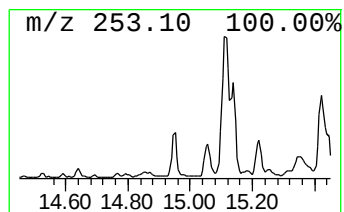
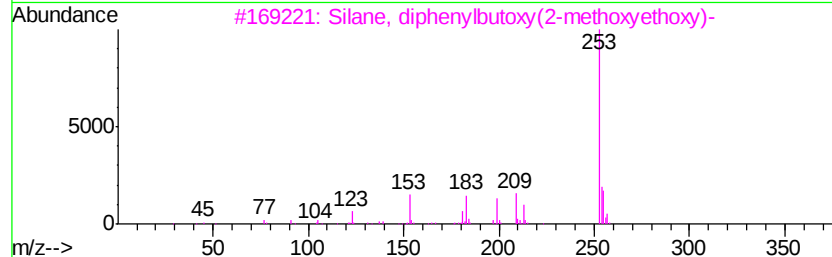
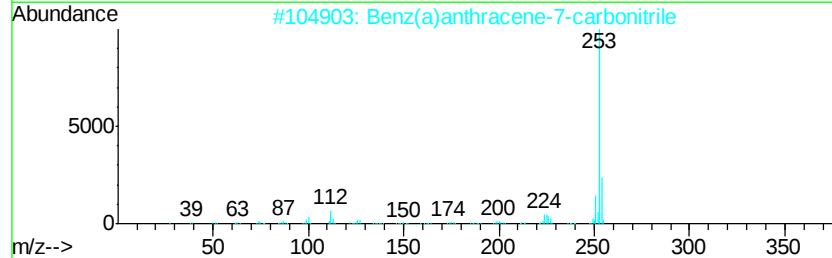
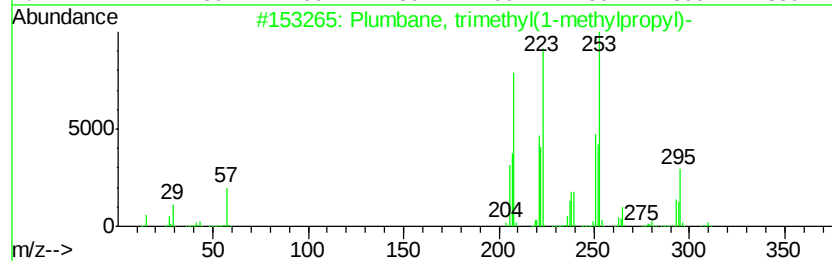
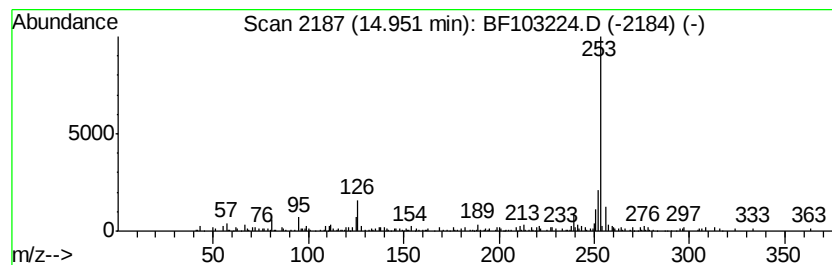
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Plumbane, trimethyl(1-methy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	3.17 ng	144475	Perylene-d12	15.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Plumbane, trimethyl(1-methylprop...	310	C7H18Pb	054964-76-0	53
2		Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	47
3		Silane, diphenylbutoxy(2-methoxy...	330	C19H26O3Si	1000367-72-3	25
4		Silane, diphenyl(2-ethoxyethoxy)...	330	C19H26O3Si	1000367-65-8	23
5		Stannane, tributylfluoro-	310	C12H27FSn	001983-10-4	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022618\
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Acq On : 26 Feb 2018 18:26
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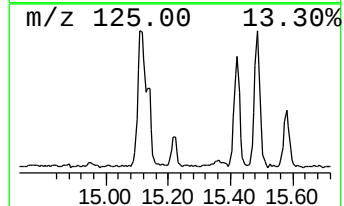
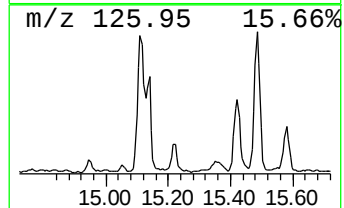
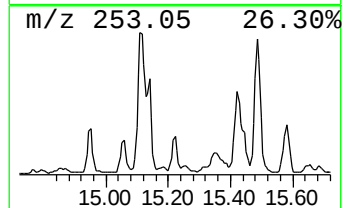
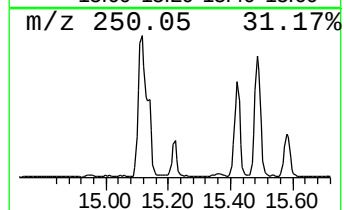
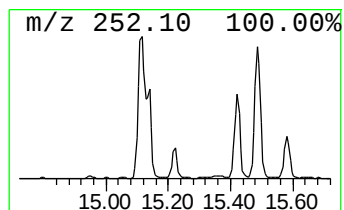
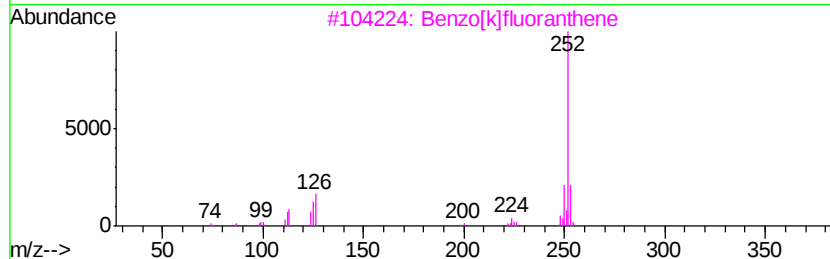
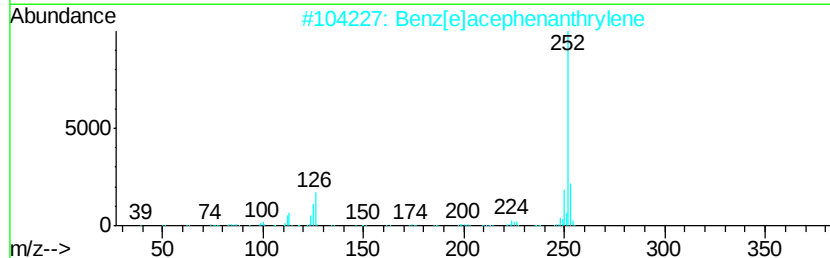
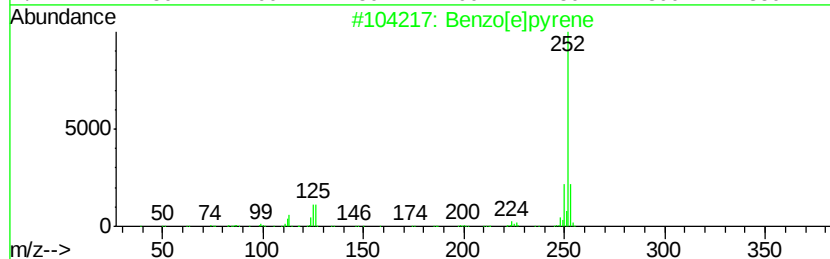
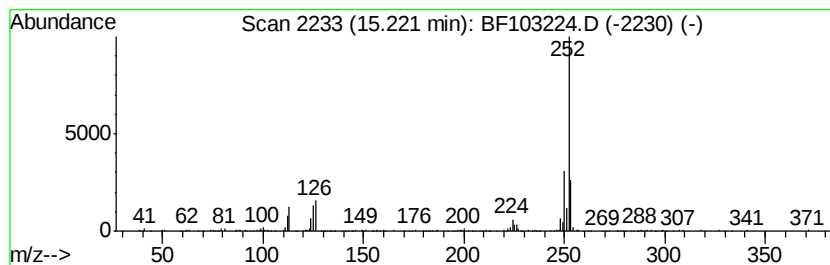
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	6.14 ng	279612	Perylene-d12	15.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]bpvrene	252	C20H12	000192-97-2	98
2			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	96
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4			Benzo[a]bpvrene	252	C20H12	000050-32-8	94
5			Perylene	252	C20H12	000198-55-0	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022618\
Data File : BF103224.D
Acq On : 26 Feb 2018 18:26
Operator : SJ/JU
Sample : J1691-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B2

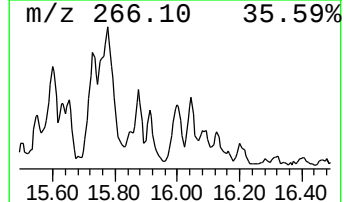
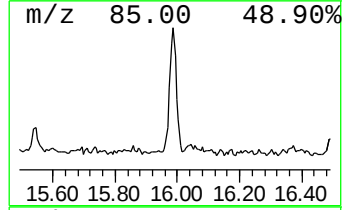
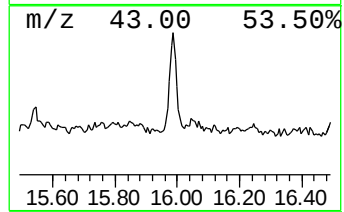
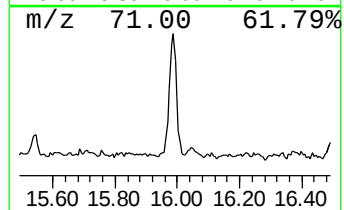
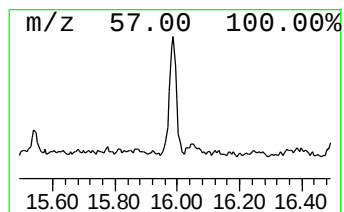
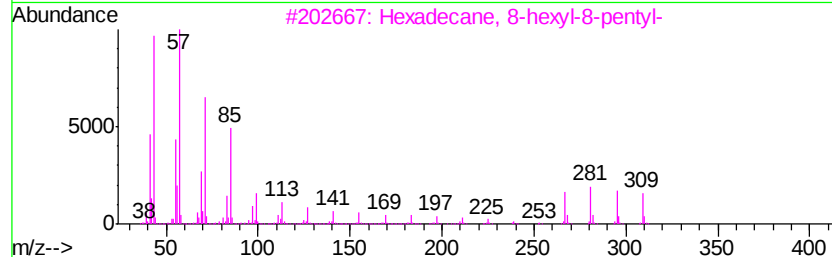
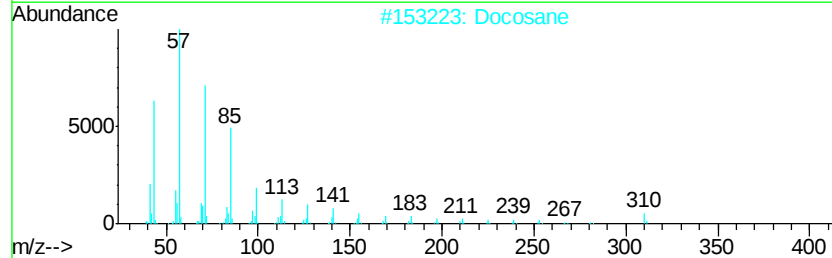
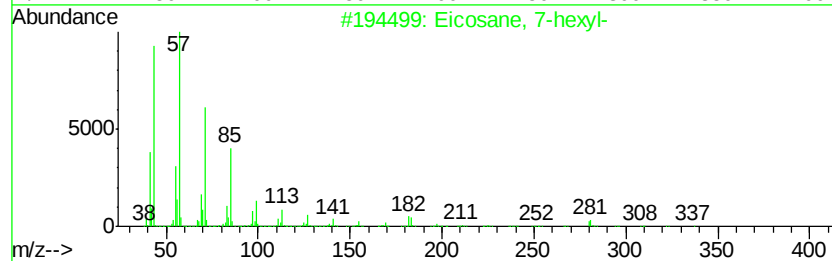
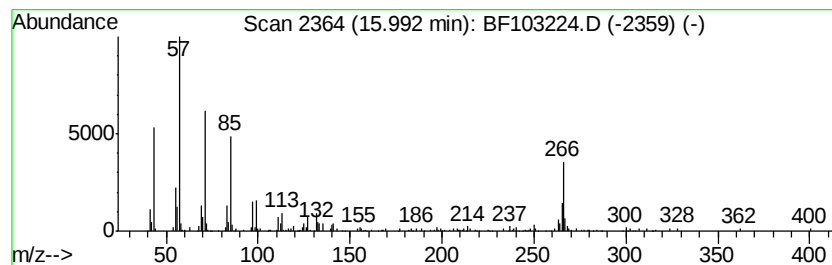
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Eicosane, 7-hexyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	5.25 ng	239251	Perylene-d12	15.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	80
2		Docosane	310	C22H46	000629-97-0	80
3		Hexadecane, 8-hexyl-8-pentyl-	380	C27H56	055282-29-6	72
4		Nonadecane	268	C19H40	000629-92-5	72
5		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022618\
 Data File : BF103224.D
 Acq On : 26 Feb 2018 18:26
 Operator : SJ/JU
 Sample : J1691-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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
Butane, 2-methoxy...	2.14	35.0	ng	1616820	1	6.87	923090	20.0
2-Pentanone, 4-hy...	5.10	5.5	ng	251432	1	6.87	923090	20.0
unknown6.64	6.64	71.9	ng	3317250	1	6.87	923090	20.0
2-Hydroxy-iso-but...	8.70	2.5	ng	143930	2	8.15	1135850	20.0
Benzophenone	10.62	14.3	ng	746050	3	9.90	1043330	20.0
Heptadecane	10.80	3.9	ng	186633	4	11.40	946784	20.0
Naphtho[2,1-b]thi...	11.29	3.5	ng	165822	4	11.40	946784	20.0
Anthracene, 2-met...	11.90	3.0	ng	142577	4	11.40	946784	20.0
Phenanthrene, 2-m...	11.93	5.5	ng	261748	4	11.40	946784	20.0
Anthracene, 1-met...	11.97	2.6	ng	122516	4	11.40	946784	20.0
4H-Cyclopenta[def...	12.02	7.2	ng	341006	4	11.40	946784	20.0
Naphthalene, 2-ph...	12.19	2.6	ng	123794	4	11.40	946784	20.0
9,10-Anthracenedione	12.22	2.4	ng	112962	4	11.40	946784	20.0
11H-Benzo[b]fluorene	13.17	2.7	ng	303341	5	14.05	2214320	20.0
4H-1-Benzopyran-4...	13.86	4.0	ng	439168	5	14.05	2214320	20.0
Plumbane, trimeth...	14.95	3.2	ng	144475	6	15.55	911342	20.0
Benzo[e]pyrene	15.22	6.1	ng	279612	6	15.55	911342	20.0
Eicosane, 7-hexyl-	15.99	5.3	ng	239251	6	15.55	911342	20.0