

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022618\
 Data File : BF103237.D
 Acq On : 27 Feb 2018 00:10
 Operator : SJ/JU
 Sample : J1691-17 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B5

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	5.492	575	579	595	rBV	686168	711142	10.58%	0.878%
2	6.504	748	751	766	rBV	655279	748057	11.13%	0.923%
3	6.645	771	775	781	rBV	795166	716015	10.66%	0.884%
4	6.875	810	814	820	rBV	1052817	868155	12.92%	1.071%
5	7.028	836	840	850	rVB	648919	559189	8.32%	0.690%
6	7.434	906	909	921	rBV	369473	407956	6.07%	0.504%
7	8.157	1029	1032	1034	rBV	1334644	1087622	16.19%	1.342%
8	8.181	1034	1036	1043	rVB	347349	309314	4.60%	0.382%
9	8.869	1150	1153	1161	rBV	468204	445899	6.64%	0.550%
10	8.969	1165	1170	1177	rVV	419819	368243	5.48%	0.454%
11	9.227	1211	1214	1224	rVB	891460	736152	10.95%	0.909%
12	9.498	1256	1260	1264	rBV	282890	385102	5.73%	0.475%
13	9.569	1269	1272	1275	rBV	443821	455581	6.78%	0.562%
14	9.598	1275	1277	1280	rVB	265326	192906	2.87%	0.238%
15	9.686	1289	1292	1294	rBV	215871	210800	3.14%	0.260%
16	9.775	1304	1307	1312	rVB	449327	374011	5.57%	0.462%
17	9.916	1328	1331	1334	rVV2	1275622	1082082	16.10%	1.336%
18	9.951	1334	1337	1340	rVB	1179939	1063271	15.82%	1.312%
19	10.122	1361	1366	1369	rVV	937113	902725	13.43%	1.114%
20	10.157	1369	1372	1375	rVB	203049	180287	2.68%	0.223%
21	10.227	1380	1384	1387	rBV2	188496	195203	2.90%	0.241%
22	10.322	1395	1400	1402	rBV	144055	210927	3.14%	0.260%
23	10.469	1421	1425	1429	rVV	1623079	1639602	24.40%	2.024%
24	10.516	1429	1433	1434	rVV2	141042	158837	2.36%	0.196%
25	10.527	1434	1435	1437	rVV	220007	184458	2.74%	0.228%
26	10.551	1437	1439	1441	rVV	299741	257096	3.83%	0.317%
27	10.622	1448	1451	1454	rVV2	547436	521413	7.76%	0.644%
28	10.704	1458	1465	1469	rVV2	711763	902560	13.43%	1.114%
29	11.010	1511	1517	1520	rBV2	409363	518951	7.72%	0.640%
30	11.039	1520	1522	1525	rVV2	211944	205517	3.06%	0.254%
31	11.098	1529	1532	1534	rVB	196997	185133	2.76%	0.228%
32	11.139	1534	1539	1541	rBV3	216077	271917	4.05%	0.336%
33	11.163	1541	1543	1549	rVV2	247869	290388	4.32%	0.358%
34	11.216	1549	1552	1555	rVV2	142518	154034	2.29%	0.190%

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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

35	11.251	1555	1558	1562	rVV	260932	302782	4.51%	0.374%
36	11.304	1564	1567	1573	rVB	730384	625902	9.31%	0.773%
37	11.410	1581	1585	1586	rBV	906087	824700	12.27%	1.018%
38	11.445	1586	1591	1594	rVV	4760440	6212006	92.44%	7.667%
39	11.492	1594	1599	1602	rVV	2767604	2672107	39.76%	3.298%
40	11.521	1602	1604	1609	rVV	170523	191542	2.85%	0.236%
41	11.639	1619	1624	1629	rVV	524648	606528	9.03%	0.749%
42	11.698	1632	1634	1636	rVV	222800	166552	2.48%	0.206%
43	11.739	1638	1641	1645	rVB2	199294	217645	3.24%	0.269%
44	11.910	1664	1670	1673	rBV	1159087	1111208	16.54%	1.371%
45	11.939	1673	1675	1679	rVB	1492621	1233693	18.36%	1.523%
46	11.986	1679	1683	1686	rBV	707637	667782	9.94%	0.824%
47	12.027	1686	1690	1692	rBV2	1743355	1941604	28.89%	2.396%
48	12.045	1692	1693	1697	rVB	759712	503118	7.49%	0.621%
49	12.204	1716	1720	1723	rBV	745122	633515	9.43%	0.782%
50	12.239	1723	1726	1730	rVB	286255	246406	3.67%	0.304%
51	12.351	1740	1745	1748	rBV	206947	233460	3.47%	0.288%
52	12.386	1748	1751	1753	rBV	220281	161453	2.40%	0.199%
53	12.410	1753	1755	1758	rVB	225029	165739	2.47%	0.205%
54	12.463	1760	1764	1766	rBV	517096	572572	8.52%	0.707%
55	12.498	1766	1770	1772	rVV3	276371	350916	5.22%	0.433%
56	12.557	1776	1780	1784	rVB3	316257	417385	6.21%	0.515%
57	12.639	1788	1794	1797	rBV	4300677	6257400	93.12%	7.723%
58	12.692	1801	1803	1806	rVB	227815	178352	2.65%	0.220%
59	12.780	1811	1818	1820	rBV2	376923	494454	7.36%	0.610%
60	12.874	1826	1834	1837	rBV2	3976095	6719797	100.00%	8.294%
61	12.904	1837	1839	1844	rVB2	464876	454922	6.77%	0.561%
62	12.986	1847	1853	1856	rBV2	634374	1015715	15.12%	1.254%
63	13.015	1856	1858	1862	rVB	377355	350009	5.21%	0.432%
64	13.080	1862	1869	1871	rBV2	523674	911073	13.56%	1.124%
65	13.157	1879	1882	1884	rBV4	387989	479266	7.13%	0.592%
66	13.186	1884	1887	1890	rVB	1335175	1293162	19.24%	1.596%
67	13.251	1895	1898	1901	rBV	1267402	1174996	17.49%	1.450%
68	13.292	1901	1905	1907	rVV2	665230	828498	12.33%	1.023%
69	13.315	1907	1909	1911	rVB	178109	154351	2.30%	0.191%
70	13.386	1917	1921	1923	rBV	328271	317093	4.72%	0.391%
71	13.415	1923	1926	1929	rBV3	339815	347249	5.17%	0.429%

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Integration Parameters: rteint.p
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	13.604	1956	1958	1961	rVB	189236	176333	2.62%	0.218%
73	13.668	1966	1969	1971	rBV	208718	233784	3.48%	0.289%
74	13.698	1971	1974	1978	rVB	331800	321627	4.79%	0.397%
75	13.804	1989	1992	1995	rBV	520915	579803	8.63%	0.716%
76	13.833	1995	1997	1999	rVV	636201	478058	7.11%	0.590%
77	13.863	1999	2002	2007	rVV3	449939	653135	9.72%	0.806%
78	13.904	2007	2009	2013	rVB	273888	287196	4.27%	0.354%
79	13.974	2016	2021	2027	rBV	215269	382849	5.70%	0.473%
80	14.057	2027	2035	2038	rBV2	2690017	4290751	63.85%	5.296%
81	14.092	2038	2041	2044	rVB	2249434	2207761	32.85%	2.725%
82	14.168	2051	2054	2057	rBV	677945	553596	8.24%	0.683%
83	14.210	2059	2061	2063	rVV2	158184	157475	2.34%	0.194%
84	14.251	2066	2068	2070	rVV	237973	205550	3.06%	0.254%
85	14.286	2070	2074	2077	rVB2	314946	401345	5.97%	0.495%
86	14.410	2092	2095	2097	rBV2	210565	218872	3.26%	0.270%
87	14.445	2099	2101	2104	rVV	473011	488234	7.27%	0.603%
88	14.480	2105	2107	2111	rVB	226184	198139	2.95%	0.245%
89	14.551	2116	2119	2121	rVV	212910	240723	3.58%	0.297%
90	14.574	2121	2123	2125	rVV	274587	271434	4.04%	0.335%
91	14.598	2125	2127	2131	rVB3	350592	288608	4.29%	0.356%
92	14.957	2185	2188	2194	rVB	207182	250926	3.73%	0.310%
93	15.127	2211	2217	2220	rBV	1466102	2702483	40.22%	3.335%
94	15.233	2231	2235	2238	rVB	438118	438405	6.52%	0.541%
95	15.439	2265	2270	2275	rVB	885546	1295672	19.28%	1.599%
96	15.504	2276	2281	2285	rVV	1373640	1824766	27.16%	2.252%
97	15.562	2288	2291	2293	rVV	326320	416179	6.19%	0.514%
98	15.592	2293	2296	2302	rVB2	456798	670665	9.98%	0.828%
99	17.092	2545	2551	2559	rVB	636030	1270330	18.90%	1.568%
100	17.556	2624	2630	2639	rVB	458559	982713	14.62%	1.213%

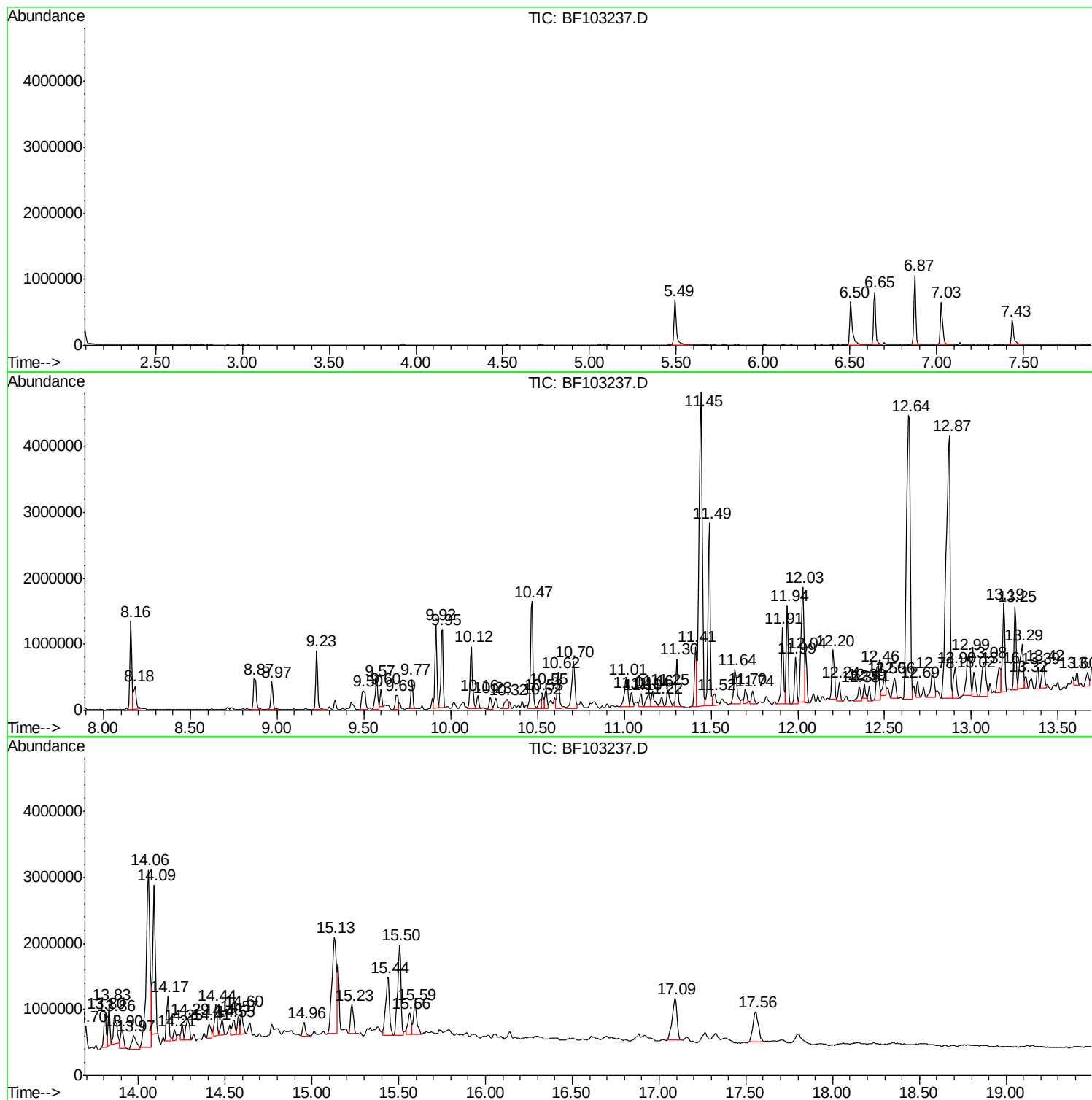
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ALS Vial : 18 Sample Multiplier: 1

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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



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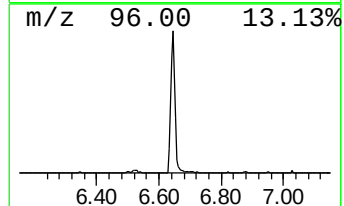
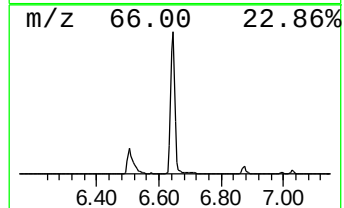
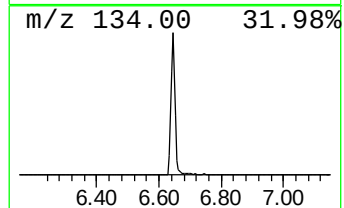
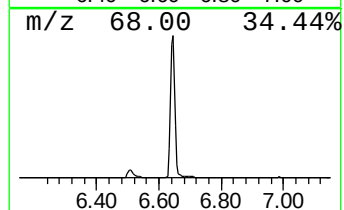
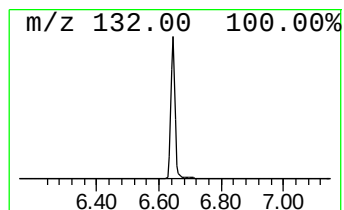
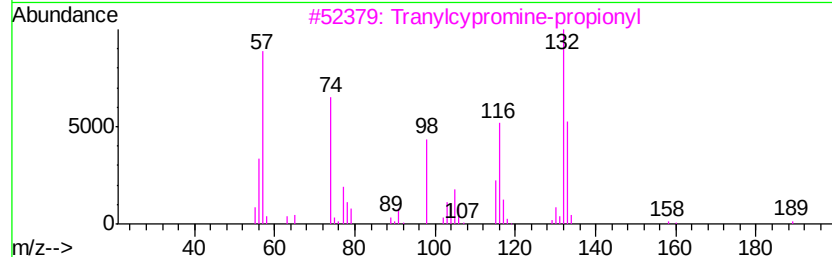
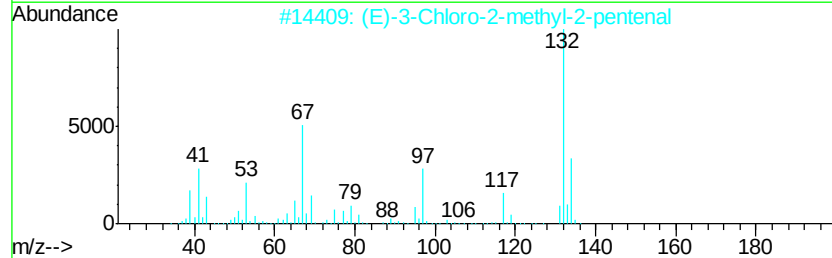
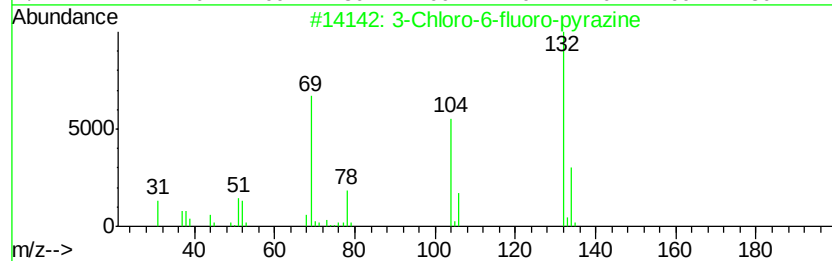
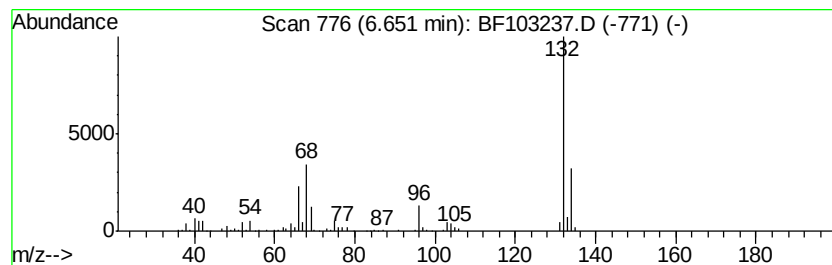
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.65 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	16.50 ng	716015	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		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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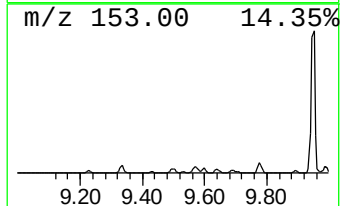
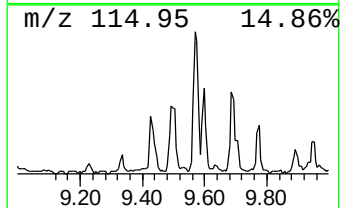
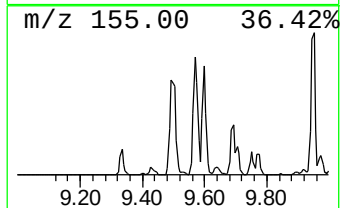
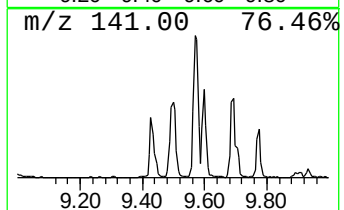
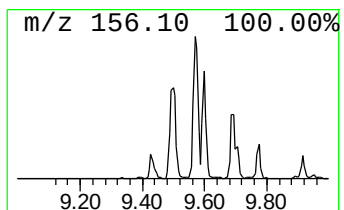
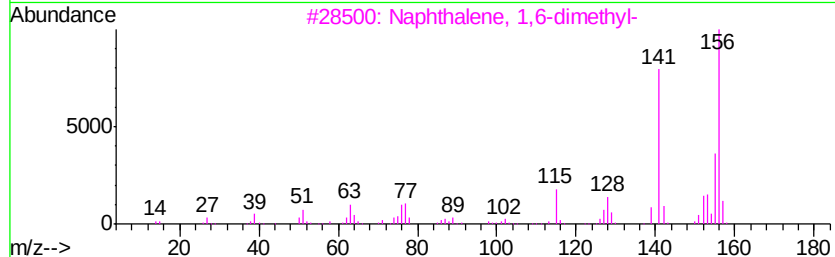
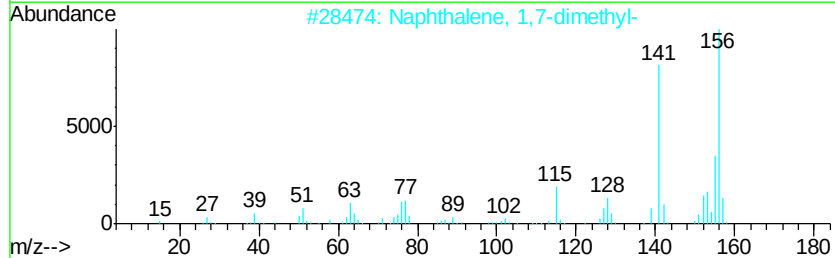
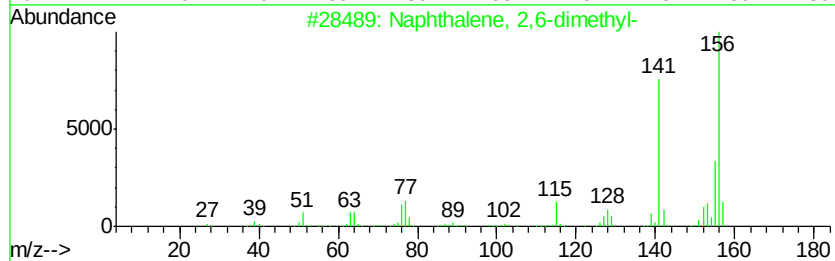
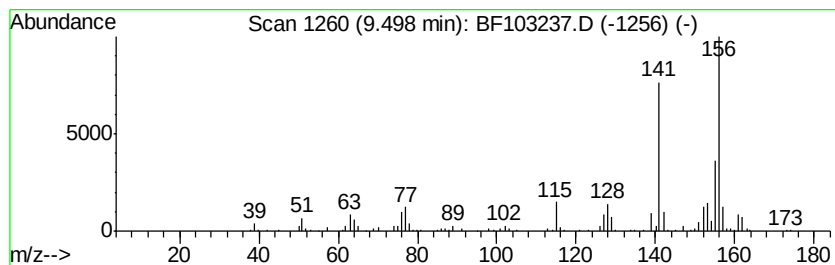
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Naphthalene, 2,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	7.12 ng	385102	Acenaphthene-d10	9.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 98
2		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 98
3		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 98
4		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97
5		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97



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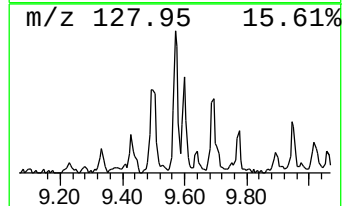
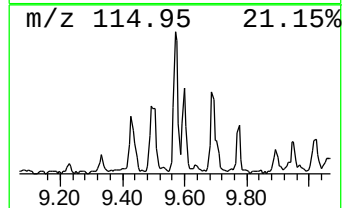
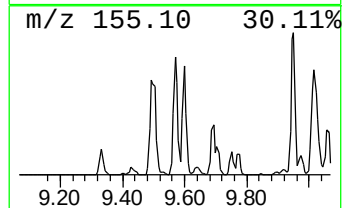
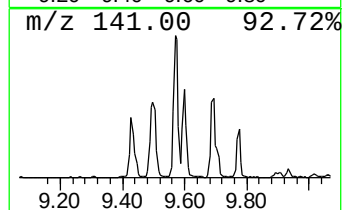
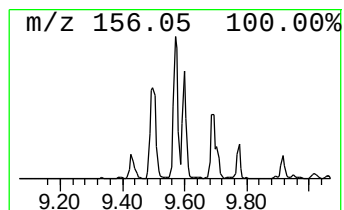
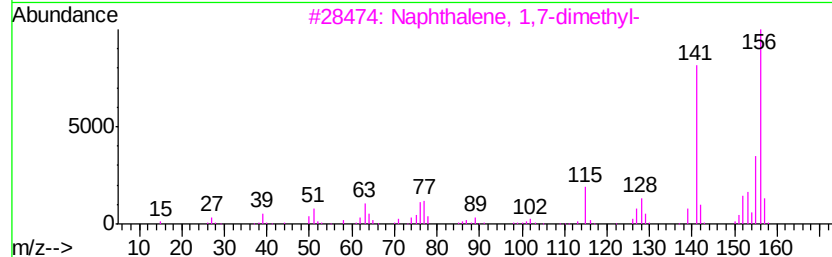
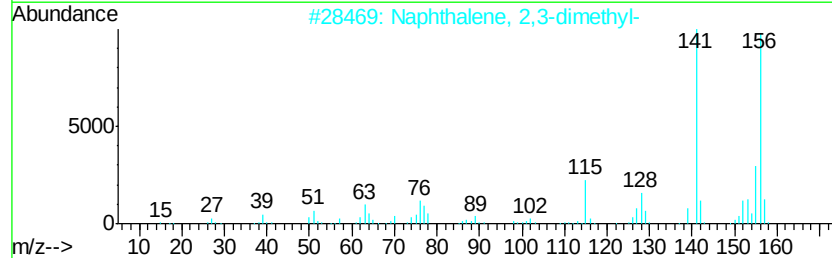
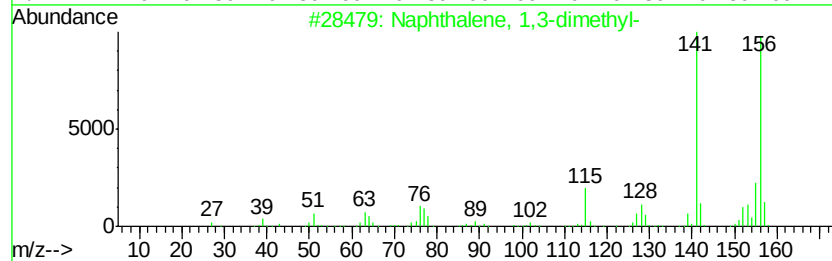
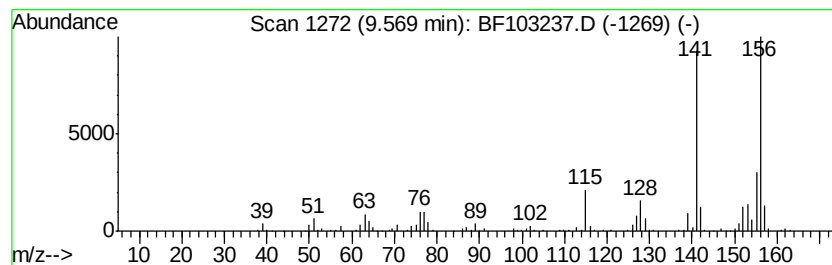
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Naphthalene, 1,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	8.42 ng	455581	Acenaphthene-d10	9.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 98
2		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 98
3		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 98
4		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 98
5		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
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Operator : SJ/JU
Sample : J1691-17 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

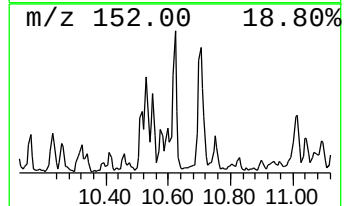
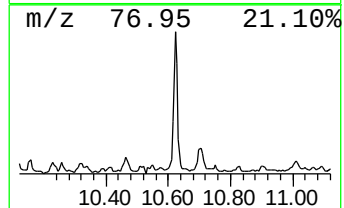
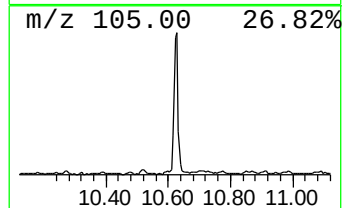
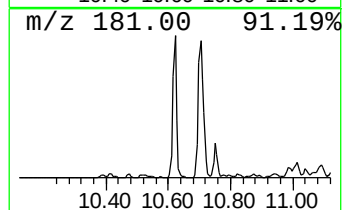
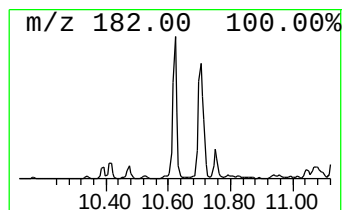
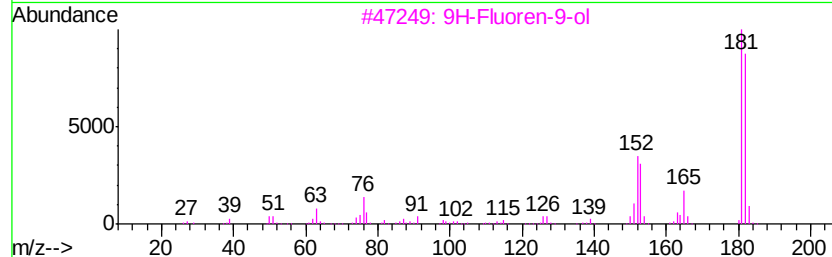
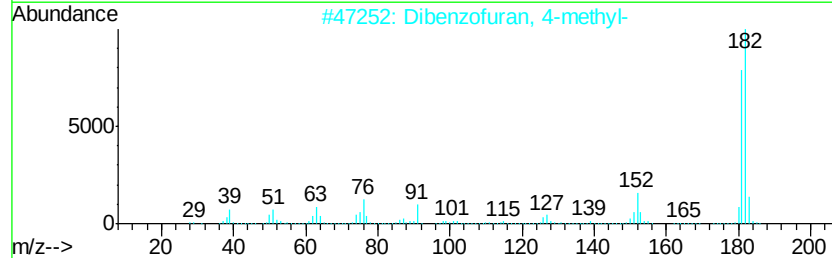
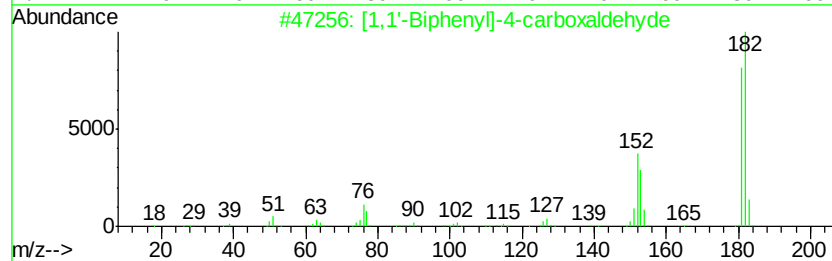
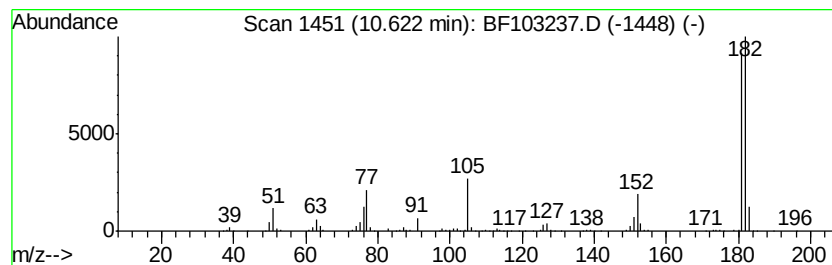
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.62	9.64 ng	521413	Acenaphthene-d10	9.92	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	81
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	64
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	59
4	Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	58
5	Norharmine, N-methyl-	182	C12H10N2	1000374-78-6	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103237.D
Acq On : 27 Feb 2018 00:10
Operator : SJ/JU
Sample : J1691-17 5X
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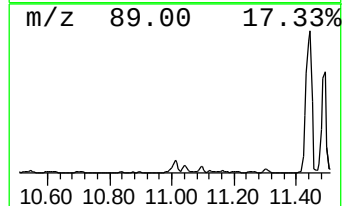
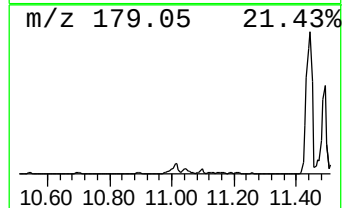
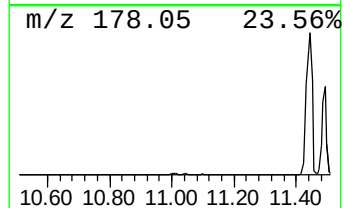
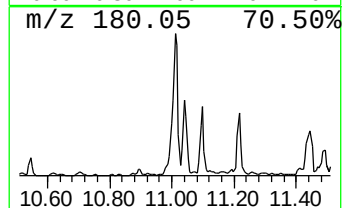
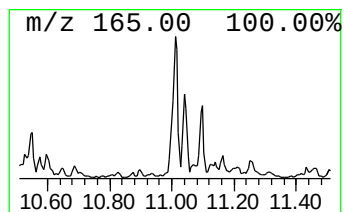
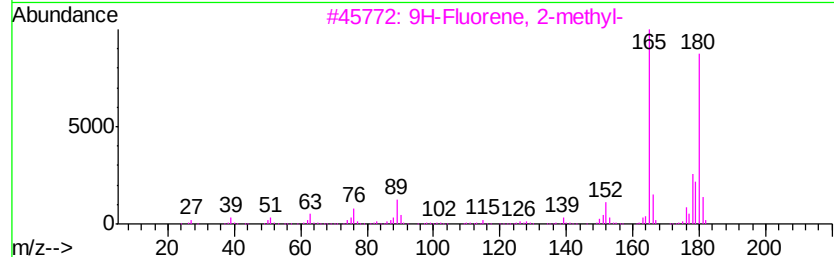
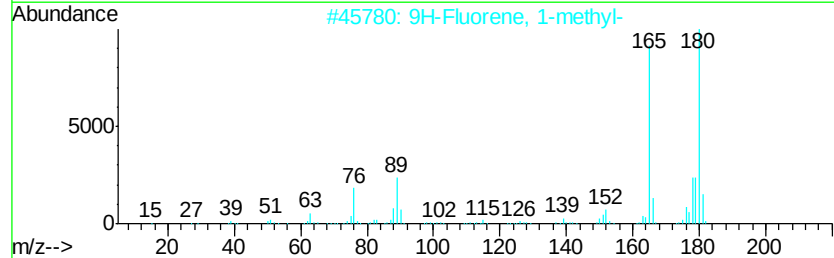
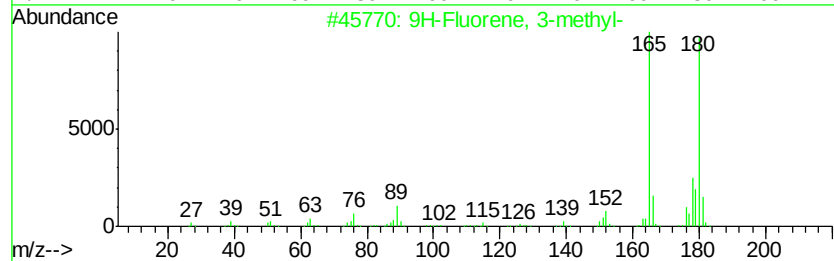
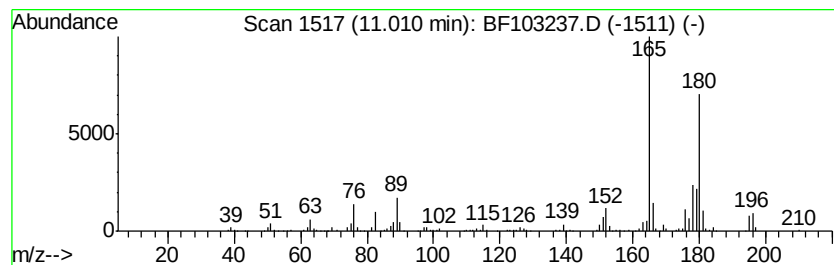
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 9H-Fluorene, 3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.01	12.59 ng	518951	Phenanthrene-d10		11.41
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	89
4	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	86
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	76



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103237.D
Acq On : 27 Feb 2018 00:10
Operator : SJ/JU
Sample : J1691-17 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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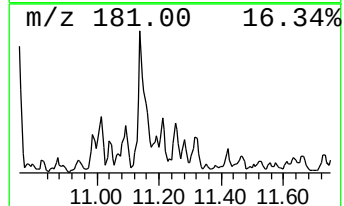
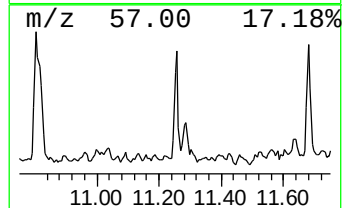
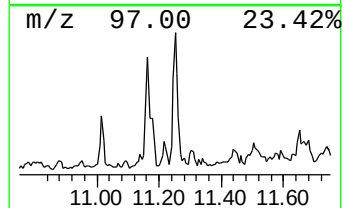
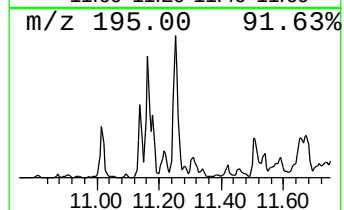
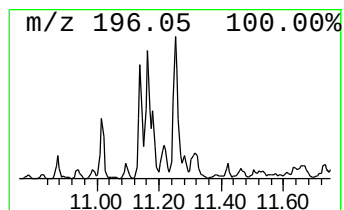
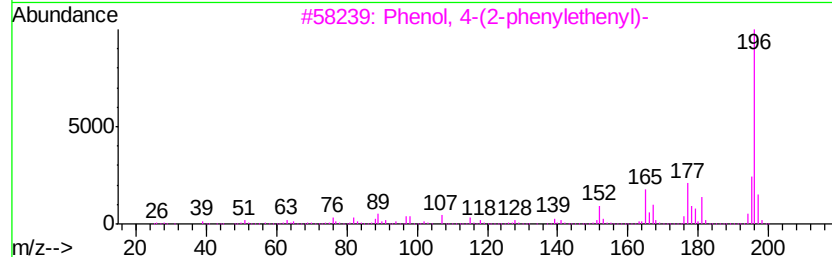
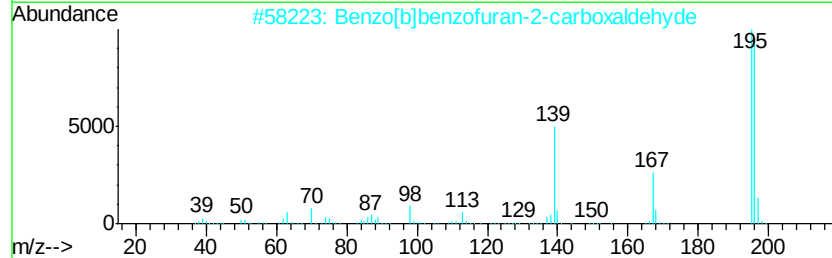
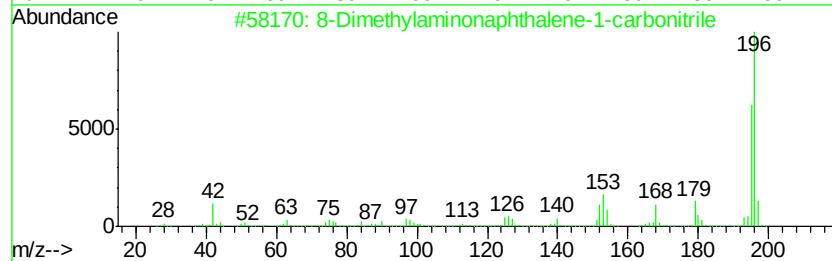
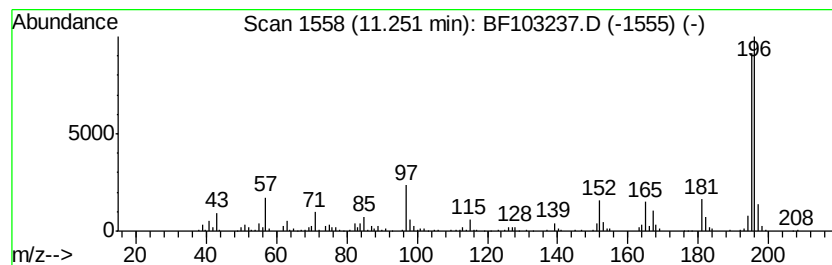
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 8-Dimethylaminonaphthalene-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	7.34 ng	302782	Phenanthrene-d10	11.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	72
2			Benzo[b]benzofuran-2-carboxaldehyde	196	C13H8O2	1000351-56-0	59
3			Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	58
4			Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	58
5			Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022618\
Data File : BF103237.D
Acq On : 27 Feb 2018 00:10
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Sample : J1691-17 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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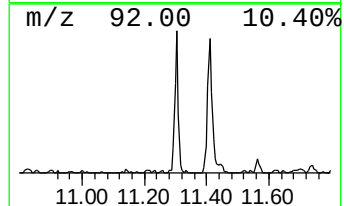
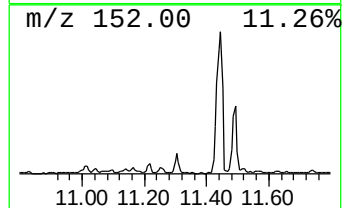
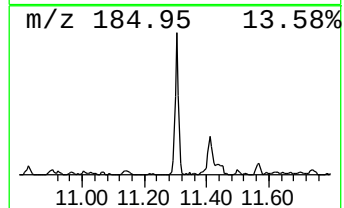
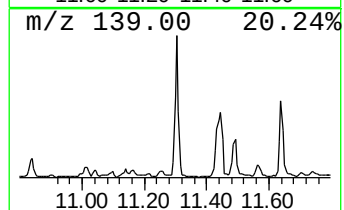
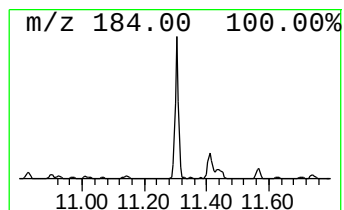
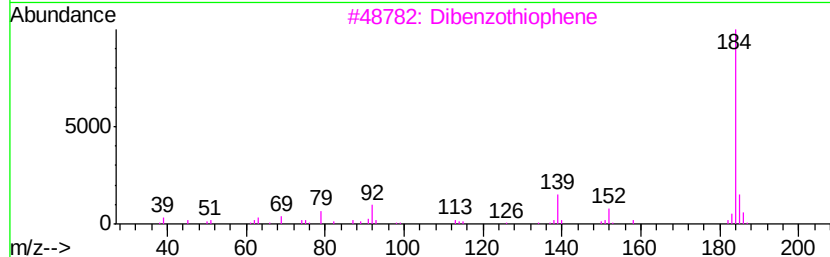
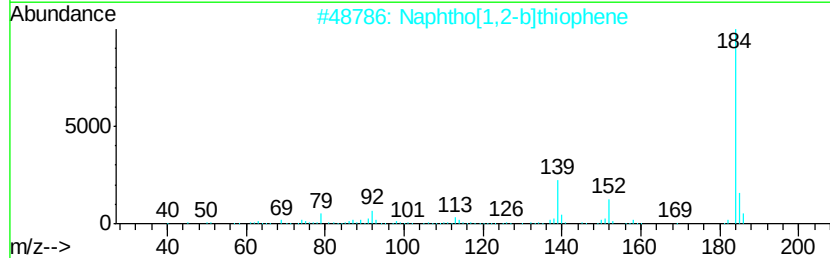
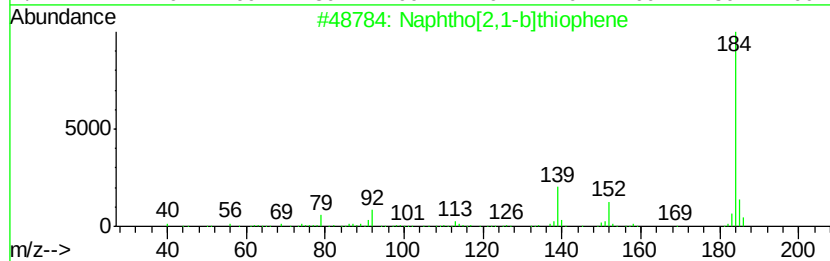
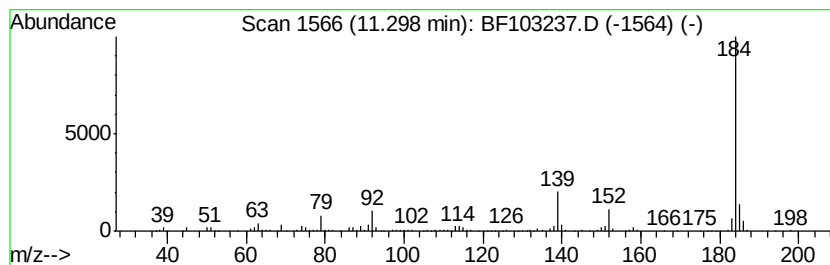
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphtho[2,1-b]thiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	15.18 ng	625902	Phenanthrene-d10	11.41

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	97
3		Dibenzothiophene	184	C12H8S	000132-65-0	96
4		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
5		Dibenzothiophene, 5-oxide	200	C12H8OS	001013-23-6	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103237.D
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Misc :
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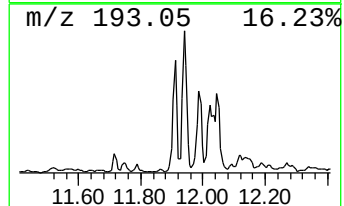
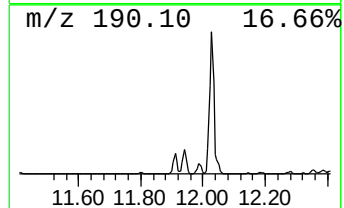
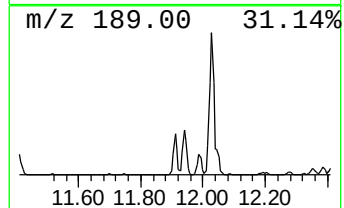
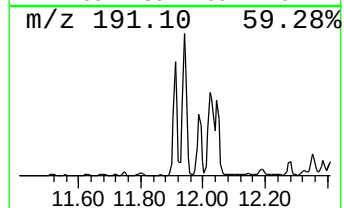
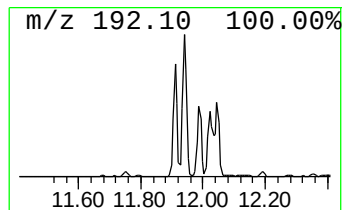
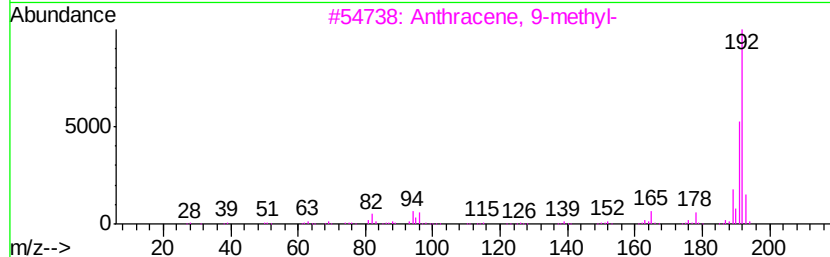
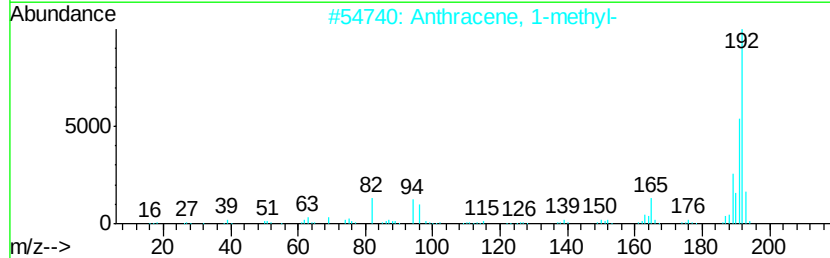
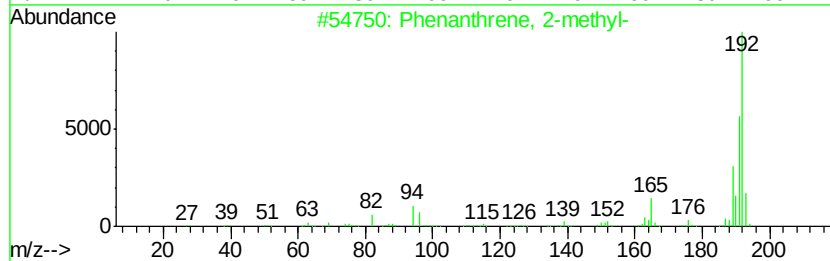
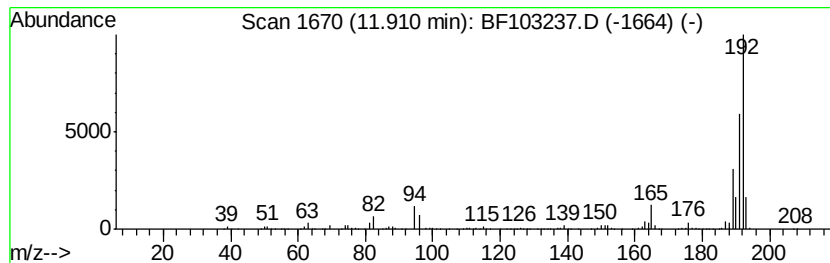
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	26.95 ng	1111210	Phenanthrene-d10	11.41

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022618\
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Acq On : 27 Feb 2018 00:10
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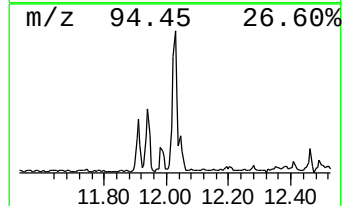
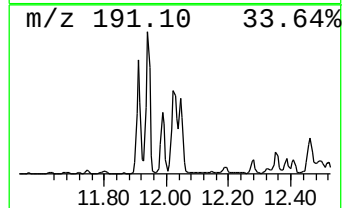
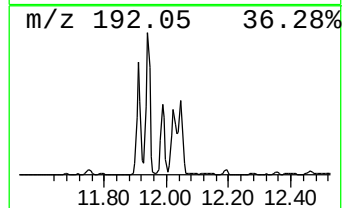
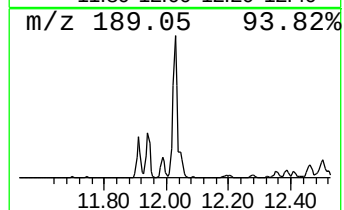
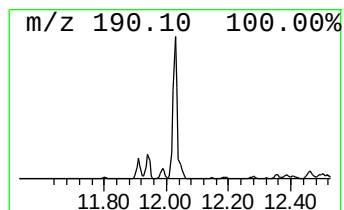
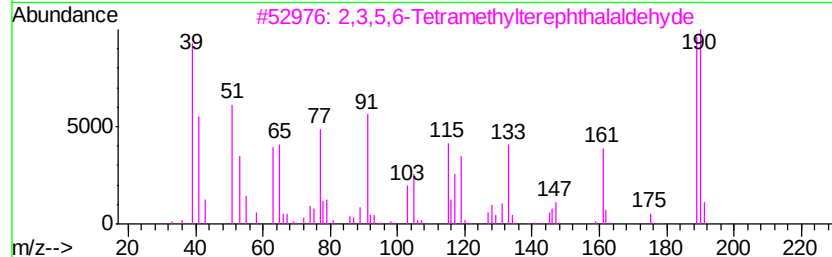
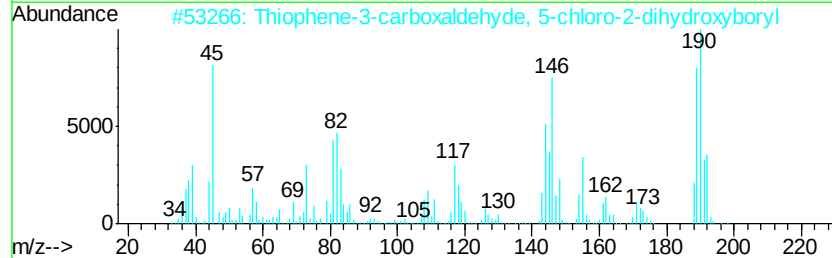
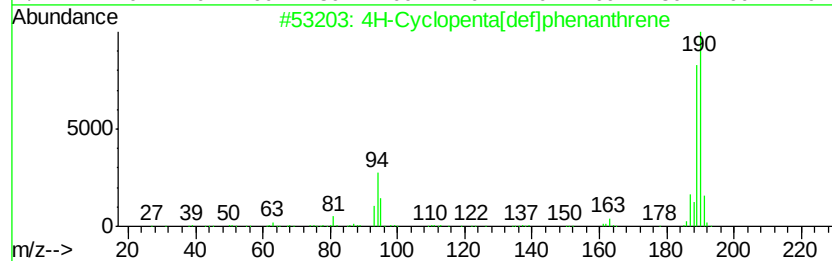
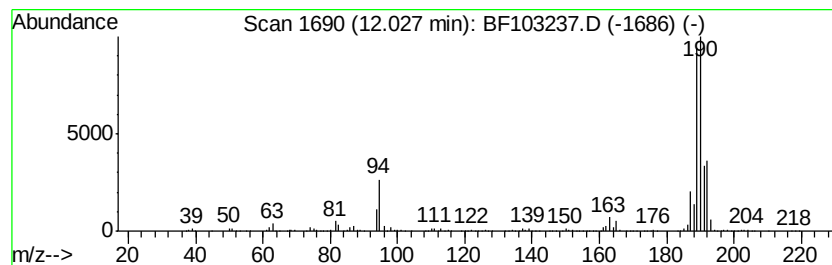
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	47.09 ng	1941600	Phenanthrene-d10	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
3		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4		Methyl diselenide	190	C2H6Se2	007101-31-7	46
5		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103237.D
Acq On : 27 Feb 2018 00:10
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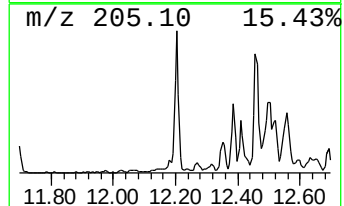
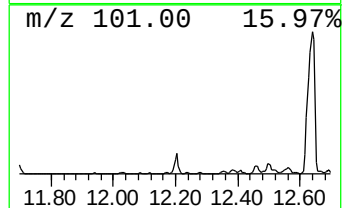
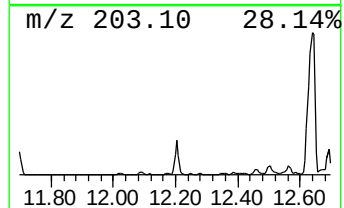
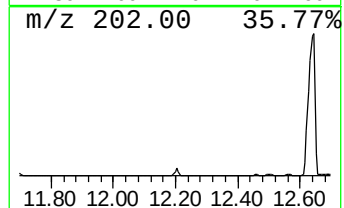
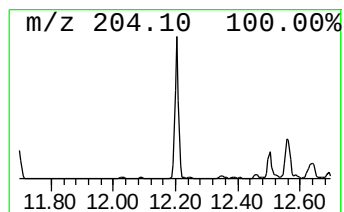
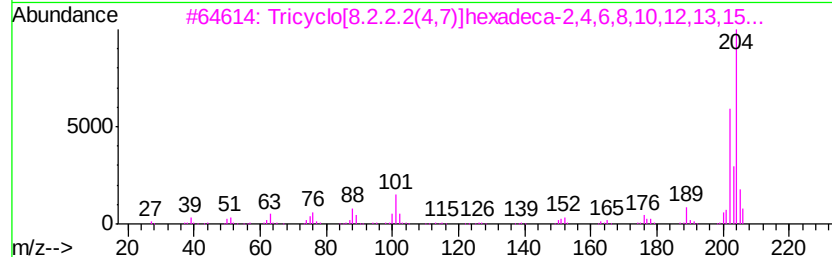
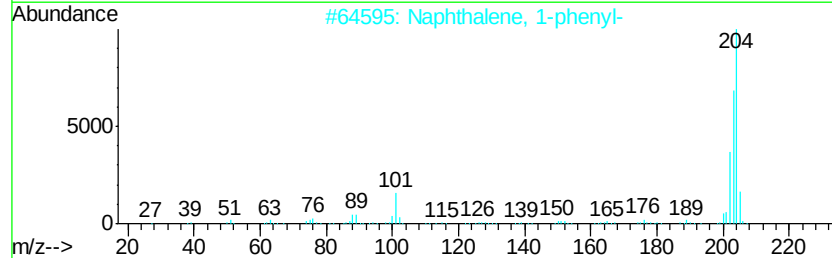
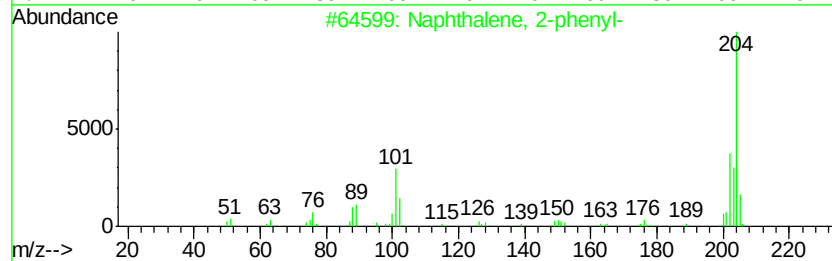
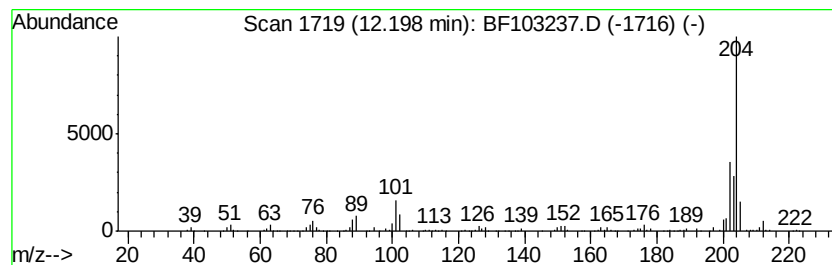
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 1-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	15.36 ng	633515	Phenanthrene-d10	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	86
3		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	83
4		Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	52
5		Quinoline, 6-methoxy-5-nitro-	204	C10H8N2O3	006623-91-2	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022618\
Data File : BF103237.D
Acq On : 27 Feb 2018 00:10
Operator : SJ/JU
Sample : J1691-17 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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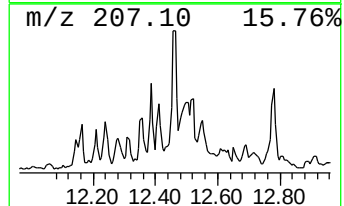
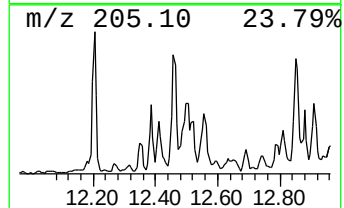
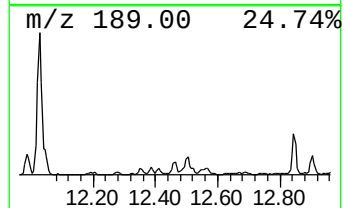
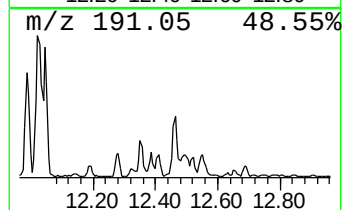
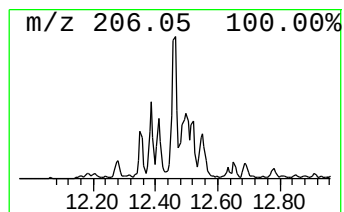
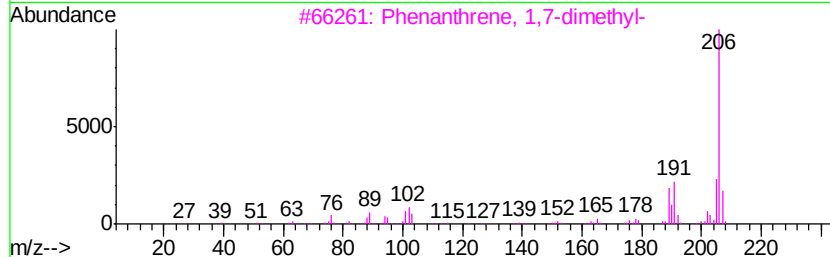
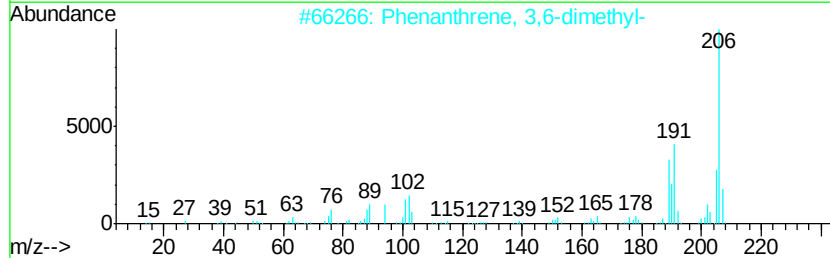
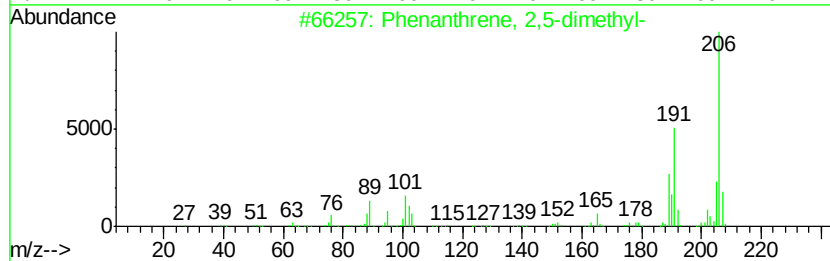
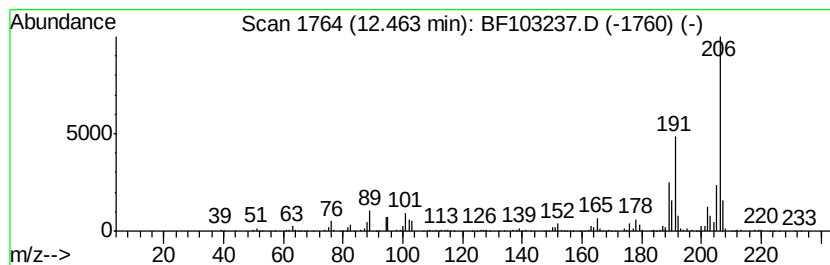
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	13.89 ng	572572	Phenanthrene-d10	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4		9,10-Dimethylantracene	206	C16H14	000781-43-1	93
5		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93



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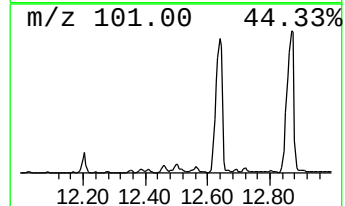
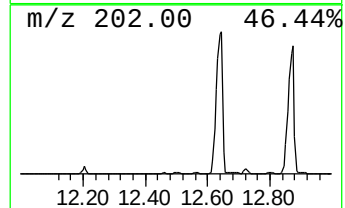
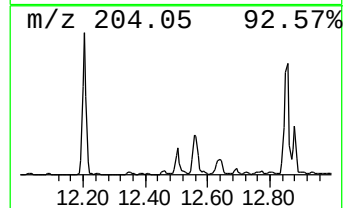
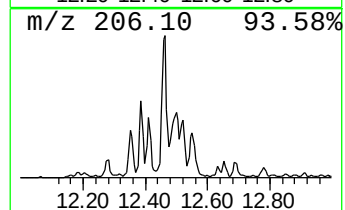
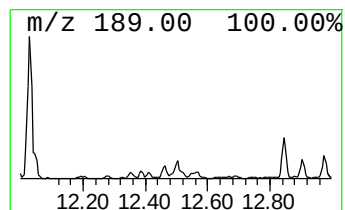
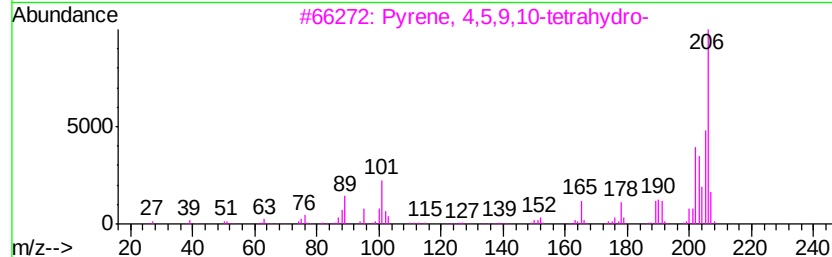
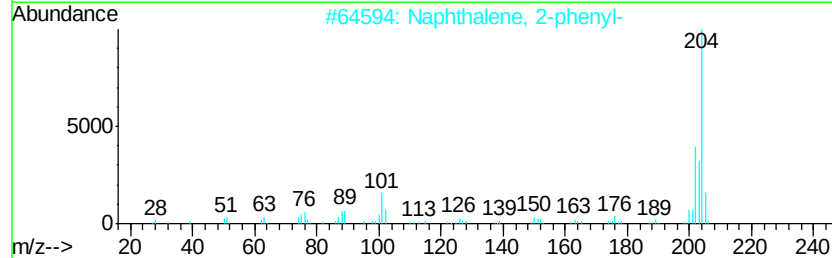
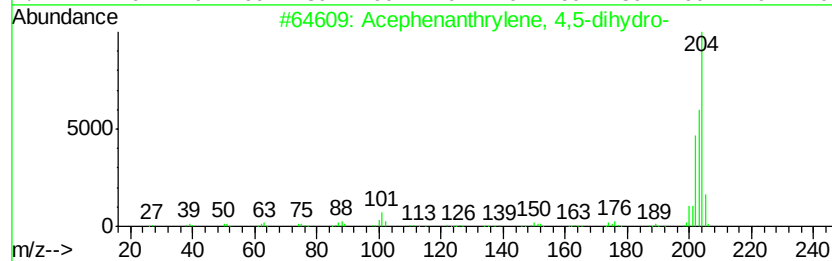
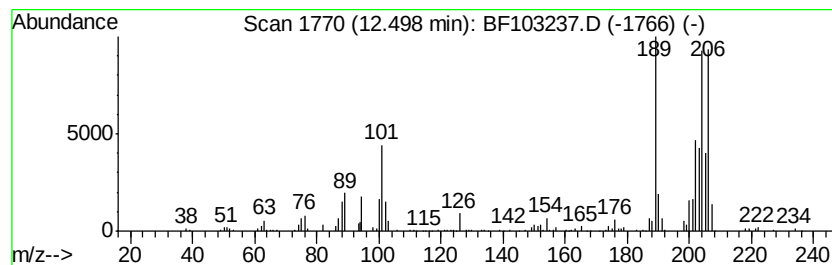
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown12.50 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.50	8.51 ng	350916	Phenanthrene-d10		11.41
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	38
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38
3	Pvrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	30
4	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	30
5	Benzene, (2-methylene-1-phenylcy...	206	C16H14	025152-47-0	30



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Sample : J1691-17 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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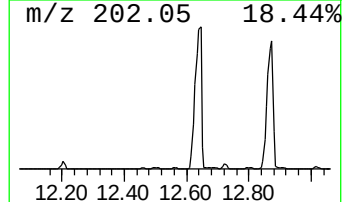
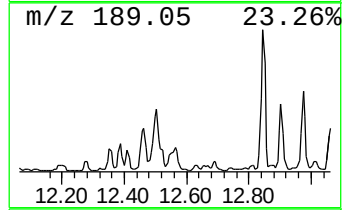
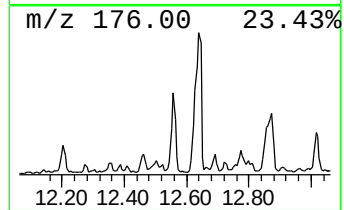
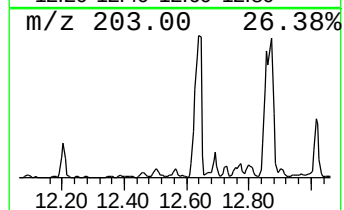
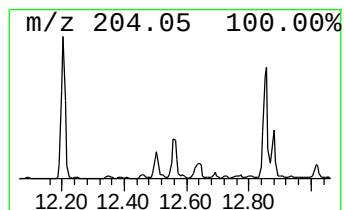
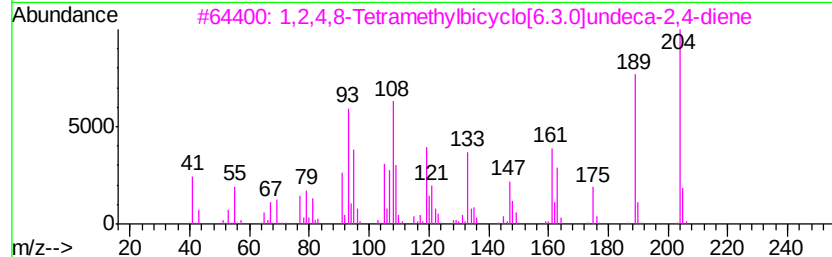
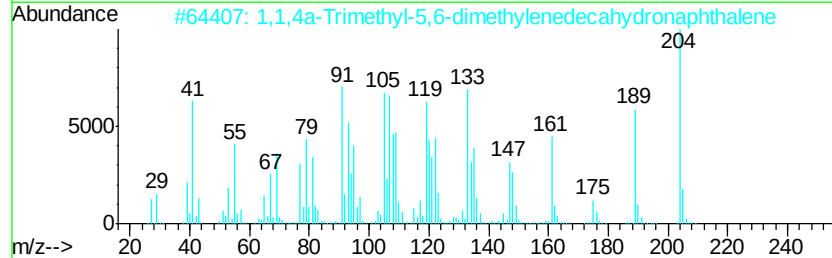
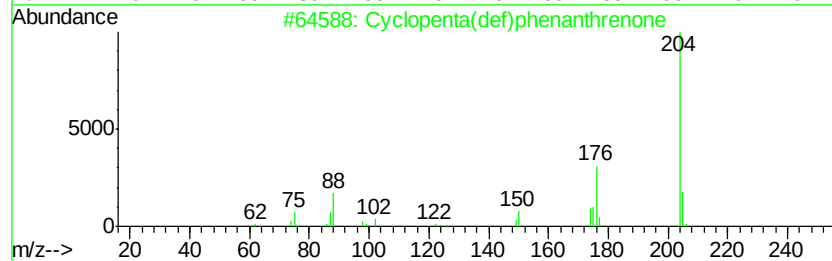
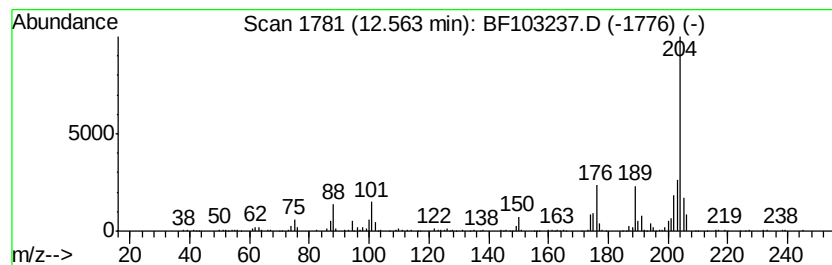
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Cyclopenta(def)phenanthrenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	10.12 ng	417385	Phenanthrene-d10	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2		1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	74
3		1,2,4,8-Tetramethylbicyclo[6.3.0]...	204	C15H24	137235-51-9	55
4		9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	47
5		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	45



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Acq On : 27 Feb 2018 00:10
Operator : SJ/JU
Sample : J1691-17 5X
Misc :
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Instrument :
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ClientSampleId :
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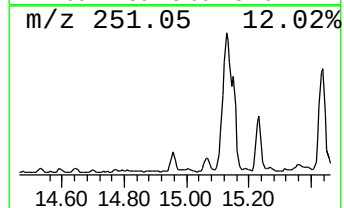
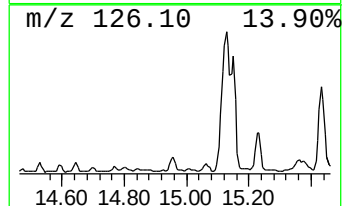
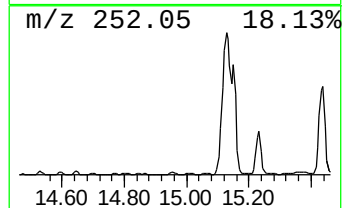
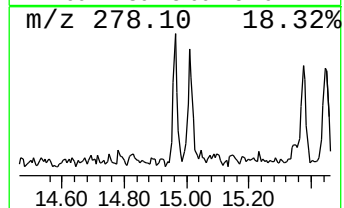
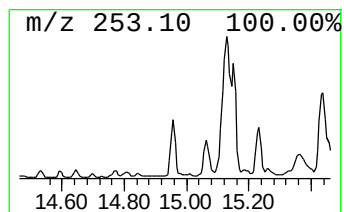
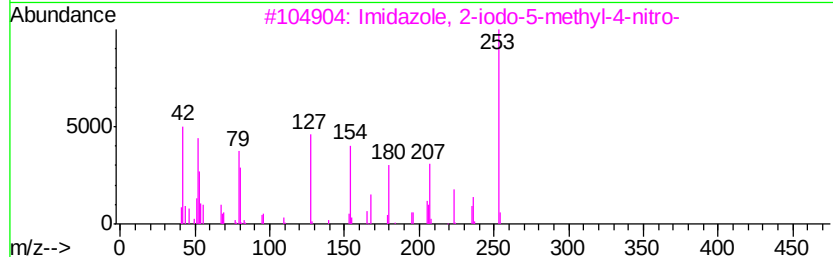
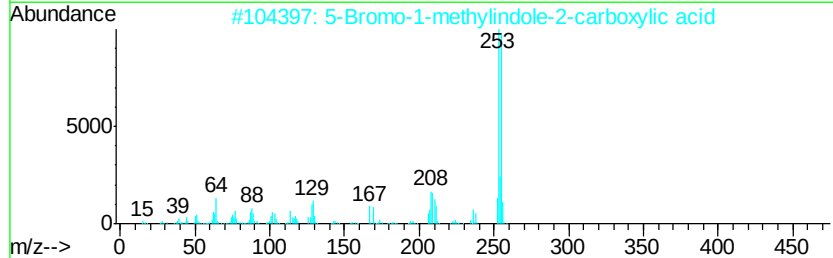
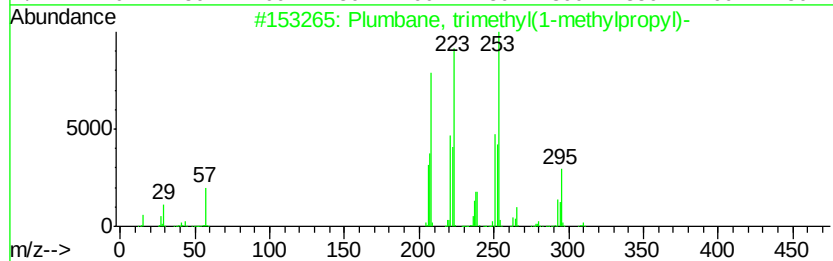
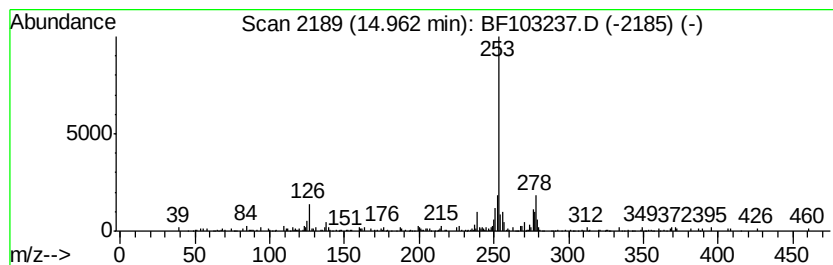
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Plumbane, trimethyl(1-methy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	12.06 ng	250926	Perylene-d12	15.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Plumbane, trimethyl(1-methylprop...	310	C7H18Pb	054964-76-0	50
2		5-Bromo-1-methylindole-2-carboxy...	253	C10H8BrN02	090766-47-5	50
3		Imidazole, 2-iodo-5-methyl-4-nitro-	253	C4H4IN3O2	149510-86-1	38
4		4,5-Dihydrobenzo[ef]pyrene	254	C20H14	095676-42-9	38
5		1H-Pyrrolo[2,3-f]quinolin-9-ol, ...	254	C16H18N2O	1000303-71-9	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022618\
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Acq On : 27 Feb 2018 00:10
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Sample : J1691-17 5X
Misc :
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ClientSampleId :
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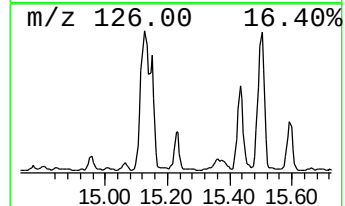
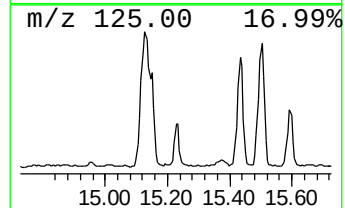
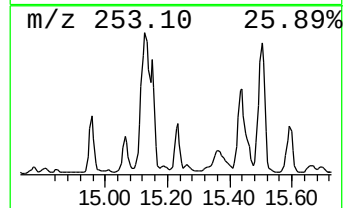
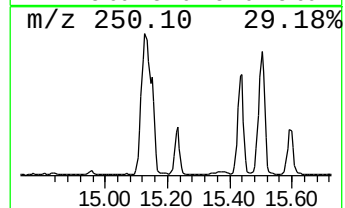
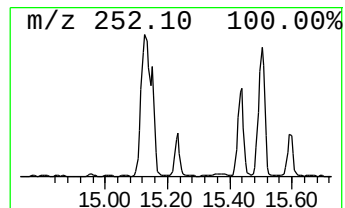
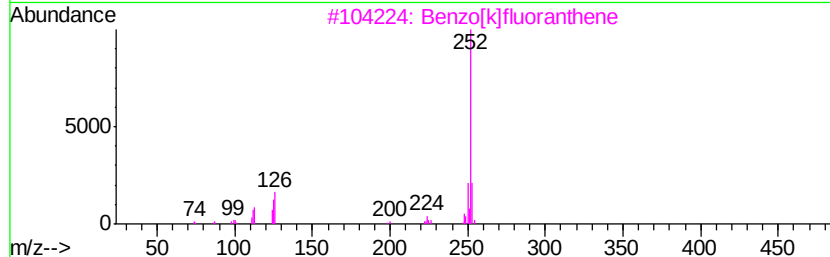
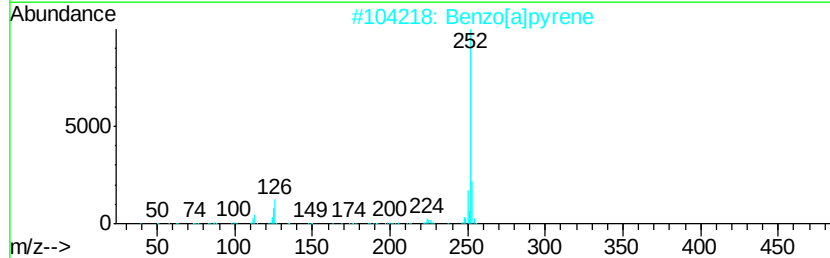
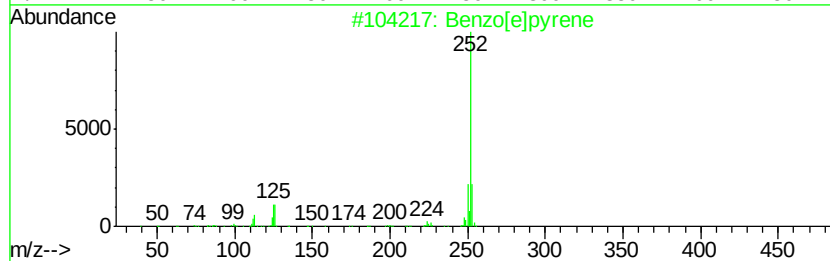
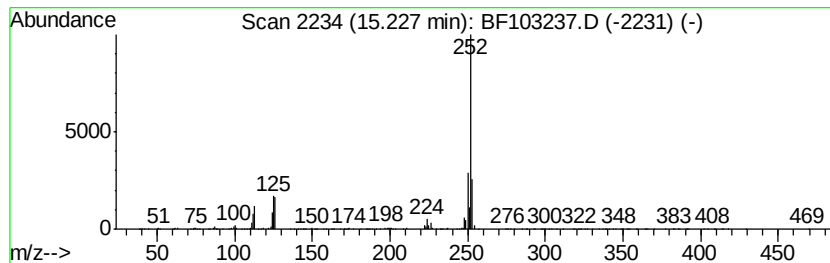
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	21.07 ng	438405	Perylene-d12	15.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[a]pyrene	252	C20H12	000050-32-8	94
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022618\
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 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Naphthalene, 2,6-...	9.50	7.1	ng	385102	3	9.92	1082080	20.0
Naphthalene, 1,3-...	9.57	8.4	ng	455581	3	9.92	1082080	20.0
[1,1'-Biphenyl]-4...	10.62	9.6	ng	521413	3	9.92	1082080	20.0
9H-Fluorene, 3-me...	11.01	12.6	ng	518951	4	11.41	824700	20.0
8-Dimethylaminona...	11.25	7.3	ng	302782	4	11.41	824700	20.0
Naphtho[2,1-b]thi...	11.30	15.2	ng	625902	4	11.41	824700	20.0
Phenanthrene, 2-m...	11.91	26.9	ng	1111210	4	11.41	824700	20.0
4H-Cyclopenta[def...	12.03	47.1	ng	1941600	4	11.41	824700	20.0
Naphthalene, 1-ph...	12.20	15.4	ng	633515	4	11.41	824700	20.0
Phenanthrene, 2,5...	12.46	13.9	ng	572572	4	11.41	824700	20.0
unknown12.50	12.50	8.5	ng	350916	4	11.41	824700	20.0
Cyclopenta(def)ph...	12.56	10.1	ng	417385	4	11.41	824700	20.0
Plumbane, trimeth...	14.96	12.1	ng	250926	6	15.56	416179	20.0
Benzo[e]pyrene	15.23	21.1	ng	438405	6	15.56	416179	20.0