

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
 Data File : BF104544.D
 Acq On : 16 Apr 2018 20:27
 Operator : JU/SJ
 Sample : J2370-05 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CG

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-BF040618.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	5.416	562	566	577	rVB	381139	341714	23.06%	1.464%
2	5.634	599	603	613	rBV	74974	74480	5.03%	0.319%
3	6.434	736	739	751	rVB	401419	356215	24.04%	1.526%
4	6.575	759	763	766	rBV	472237	376442	25.41%	1.613%
5	6.639	770	774	778	rBV2	86224	88648	5.98%	0.380%
6	6.810	799	803	806	rBV	1022614	942555	63.62%	4.038%
7	6.963	825	829	832	rBV	346952	288775	19.49%	1.237%
8	7.069	843	847	853	rBV	56480	58314	3.94%	0.250%
9	7.369	894	898	902	rBV	231346	209071	14.11%	0.896%
10	7.663	946	948	957	rVB	67673	62026	4.19%	0.266%
11	8.092	1017	1021	1024	rBV	1572023	1305426	88.11%	5.593%
12	8.363	1063	1067	1075	rVB2	48630	53524	3.61%	0.229%
13	8.804	1139	1142	1145	rBV2	70548	62848	4.24%	0.269%
14	8.904	1155	1159	1162	rBV	61769	50490	3.41%	0.216%
15	9.163	1200	1203	1209	rBV	457757	380869	25.71%	1.632%
16	9.292	1222	1225	1228	rBV	48457	44548	3.01%	0.191%
17	9.504	1258	1261	1264	rBV	57609	58027	3.92%	0.249%
18	9.569	1267	1272	1277	rVB2	98015	135423	9.14%	0.580%
19	9.710	1292	1296	1302	rBV	257981	238289	16.08%	1.021%
20	9.851	1316	1320	1324	rBV	1413624	1336466	90.21%	5.726%
21	10.157	1369	1372	1375	rBV2	55105	66713	4.50%	0.286%
22	10.257	1384	1389	1390	rBV3	36185	56088	3.79%	0.240%
23	10.275	1390	1392	1394	rVV	60408	43954	2.97%	0.188%
24	10.304	1394	1397	1399	rVV	52708	44980	3.04%	0.193%
25	10.398	1410	1413	1419	rVB3	54694	87121	5.88%	0.373%
26	10.504	1426	1431	1435	rVV4	36392	57150	3.86%	0.245%
27	10.639	1448	1454	1459	rBV	260194	273210	18.44%	1.171%
28	10.763	1470	1475	1481	rVB3	100885	133716	9.03%	0.573%
29	10.945	1502	1506	1509	rBV4	44891	58463	3.95%	0.250%
30	11.145	1537	1540	1543	rVV2	48023	49453	3.34%	0.212%
31	11.198	1546	1549	1551	rVV	55415	56356	3.80%	0.241%
32	11.233	1552	1555	1559	rVB2	73801	86811	5.86%	0.372%
33	11.339	1569	1573	1575	rBV	1541236	1332332	89.93%	5.708%
34	11.363	1575	1577	1580	rVV	667986	509642	34.40%	2.183%

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Integrator: RTE

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Sampling : 1

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Stop Thrs : 0

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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-BF040618.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.410	1583	1585	1588	rVB	155340	128260	8.66%	0.550%
36	11.445	1588	1591	1594	rBV3	39823	51986	3.51%	0.223%
37	11.574	1610	1613	1616	rBV3	37935	47692	3.22%	0.204%
38	11.627	1620	1622	1626	rVV2	75619	85354	5.76%	0.366%
39	11.669	1626	1629	1634	rVB2	58394	52782	3.56%	0.226%
40	11.839	1655	1658	1660	rVV	219281	193384	13.05%	0.829%
41	11.869	1660	1663	1667	rVV	257624	228872	15.45%	0.981%
42	11.916	1668	1671	1673	rVV	82472	75355	5.09%	0.323%
43	11.951	1673	1677	1679	rVV2	322522	343520	23.19%	1.472%
44	11.974	1679	1681	1685	rVB	185423	147140	9.93%	0.630%
45	12.033	1687	1691	1695	rVV4	43859	63927	4.31%	0.274%
46	12.133	1705	1708	1711	rVV	125062	123760	8.35%	0.530%
47	12.163	1711	1713	1716	rVV2	72675	63228	4.27%	0.271%
48	12.316	1736	1739	1741	rBV	94429	64733	4.37%	0.277%
49	12.339	1741	1743	1746	rVB	67315	53999	3.64%	0.231%
50	12.392	1749	1752	1755	rBV	283574	295744	19.96%	1.267%
51	12.427	1755	1758	1760	rVV2	139399	156417	10.56%	0.670%
52	12.445	1760	1761	1763	rVB	91455	52829	3.57%	0.226%
53	12.474	1763	1766	1771	rBV2	145193	179652	12.13%	0.770%
54	12.551	1776	1779	1783	rVB	832810	722778	48.79%	3.097%
55	12.598	1784	1787	1789	rBV	63287	66716	4.50%	0.286%
56	12.645	1793	1795	1798	rVB	137248	124620	8.41%	0.534%
57	12.786	1813	1819	1824	rBV	1061182	1156462	78.06%	4.955%
58	12.839	1824	1828	1831	rVB3	120193	128972	8.71%	0.553%
59	12.898	1835	1838	1839	rVV2	57856	61554	4.15%	0.264%
60	12.921	1839	1842	1850	rVB	391994	444735	30.02%	1.905%
61	12.998	1851	1855	1862	rBV4	171412	264553	17.86%	1.133%
62	13.057	1862	1865	1867	rBV2	49572	43780	2.96%	0.188%
63	13.092	1867	1871	1872	rVV3	151354	198307	13.39%	0.850%
64	13.110	1872	1874	1877	rVB	196916	165392	11.16%	0.709%
65	13.174	1883	1885	1888	rVV	92559	87470	5.90%	0.375%
66	13.216	1888	1892	1895	rVB2	224522	199346	13.46%	0.854%
67	13.274	1900	1902	1905	rVV3	36664	55673	3.76%	0.239%
68	13.310	1905	1908	1910	rVV	223093	207276	13.99%	0.888%
69	13.339	1910	1913	1916	rVV	200708	194057	13.10%	0.831%
70	13.368	1916	1918	1922	rVV4	43598	51989	3.51%	0.223%
71	13.427	1925	1928	1931	rVB2	43050	47129	3.18%	0.202%

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72	13.621	1958	1961	1965	rVB	114204	140100	9.46%	0.600%
73	13.680	1968	1971	1974	rVB	53410	47841	3.23%	0.205%
74	13.727	1974	1979	1982	rBV4	103552	183688	12.40%	0.787%
75	13.763	1982	1985	1987	rVV	99433	94354	6.37%	0.404%
76	13.786	1987	1989	1992	rVV2	73431	86112	5.81%	0.369%
77	13.827	1993	1996	2000	rVB3	101125	112888	7.62%	0.484%
78	13.980	2017	2022	2025	rBV2	1083707	1481528	100.00%	6.347%
79	14.010	2025	2027	2032	rVB	512020	442687	29.88%	1.897%
80	14.127	2045	2047	2057	rVB5	106653	185337	12.51%	0.794%
81	14.239	2064	2066	2069	rVB2	57673	49727	3.36%	0.213%
82	14.333	2080	2082	2084	rBV	55606	59082	3.99%	0.253%
83	14.374	2084	2089	2092	rVB	205333	242541	16.37%	1.039%
84	14.404	2092	2094	2098	rVB	113917	102035	6.89%	0.437%
85	14.445	2098	2101	2102	rBV2	54778	58138	3.92%	0.249%
86	14.498	2107	2110	2112	rVV2	139093	146197	9.87%	0.626%
87	14.521	2112	2114	2118	rVV3	86131	93814	6.33%	0.402%
88	14.568	2120	2122	2125	rVB2	59756	52956	3.57%	0.227%
89	14.621	2129	2131	2136	rBV3	32087	43199	2.92%	0.185%
90	15.027	2195	2200	2206	rBV	390222	771163	52.05%	3.304%
91	15.127	2214	2217	2222	rVB	126187	133976	9.04%	0.574%
92	15.321	2246	2250	2256	rVB	320407	385398	26.01%	1.651%
93	15.386	2256	2261	2266	rVB	461917	558722	37.71%	2.394%
94	15.451	2267	2272	2275	rBV	721790	907279	61.24%	3.887%
95	16.004	2363	2366	2370	rVB2	53219	64315	4.34%	0.276%
96	16.898	2513	2518	2527	rVB2	201765	400789	27.05%	1.717%
97	17.080	2544	2549	2553	rBV	50666	85400	5.76%	0.366%
98	17.139	2554	2559	2562	rVV3	44503	81523	5.50%	0.349%
99	17.339	2587	2593	2601	rVB	167167	333516	22.51%	1.429%
100	17.574	2629	2633	2640	rVB3	24697	46896	3.17%	0.201%

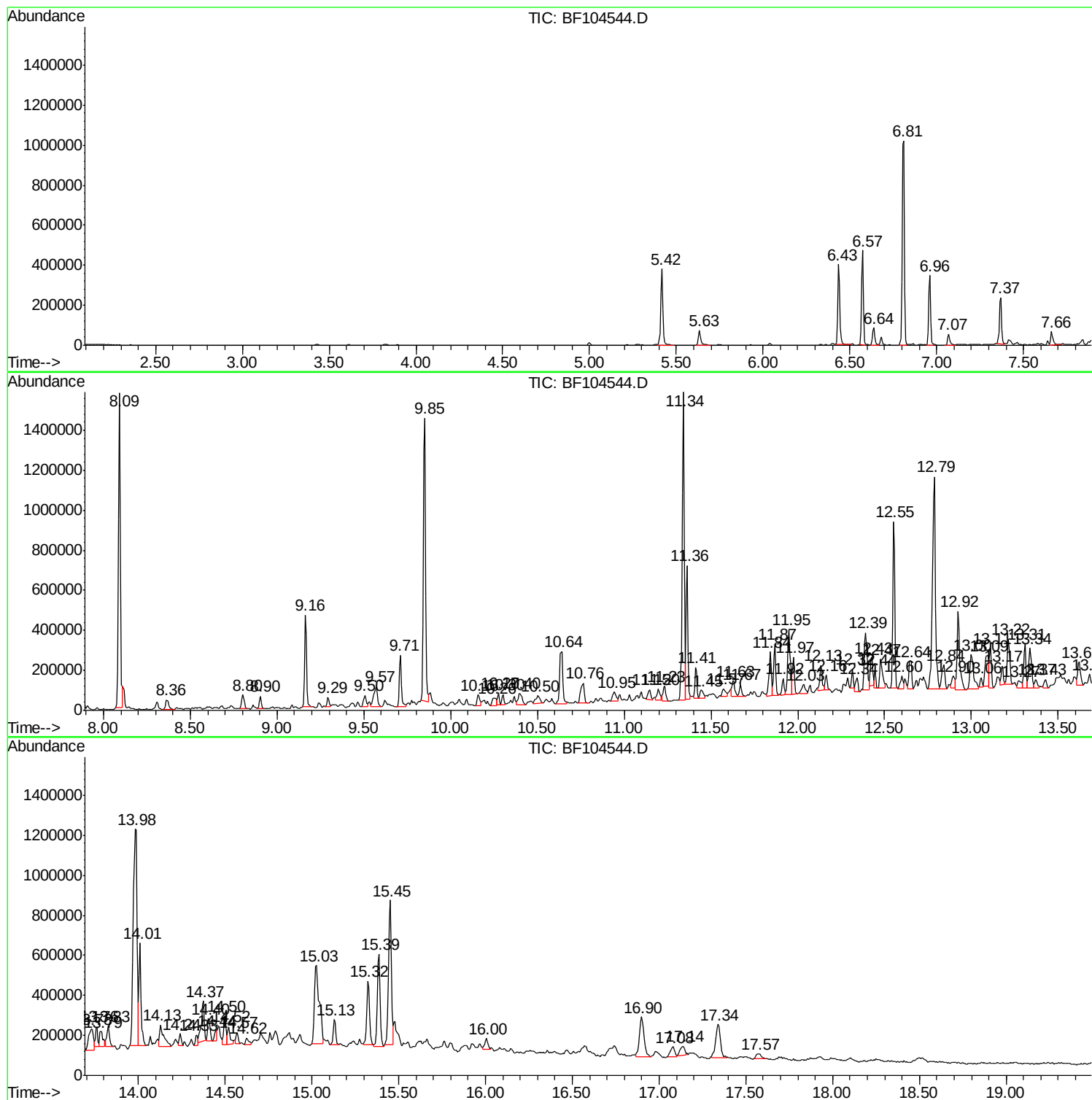
Sum of corrected areas: 23340783

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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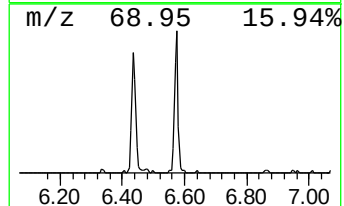
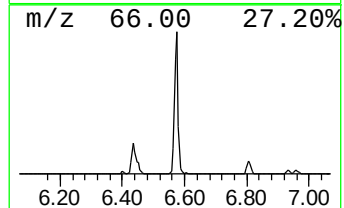
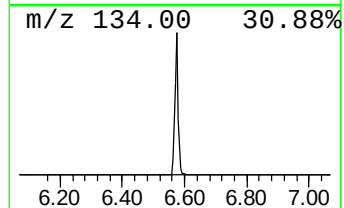
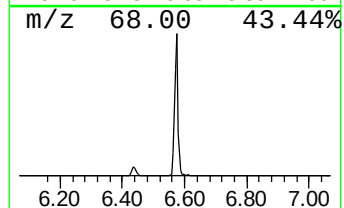
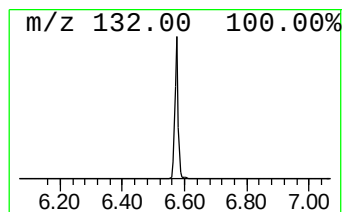
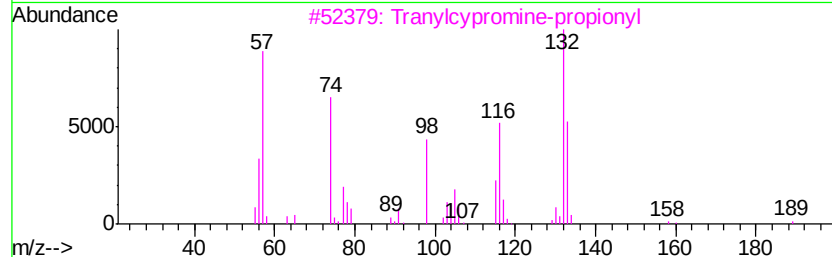
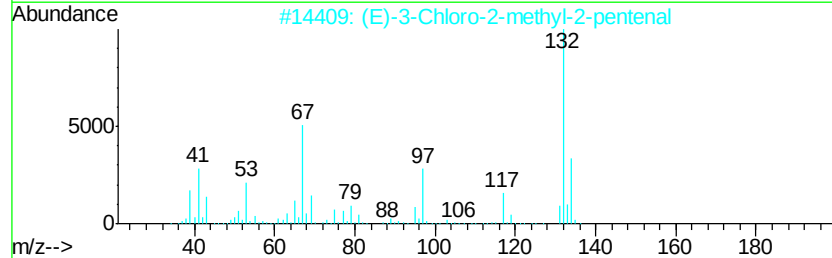
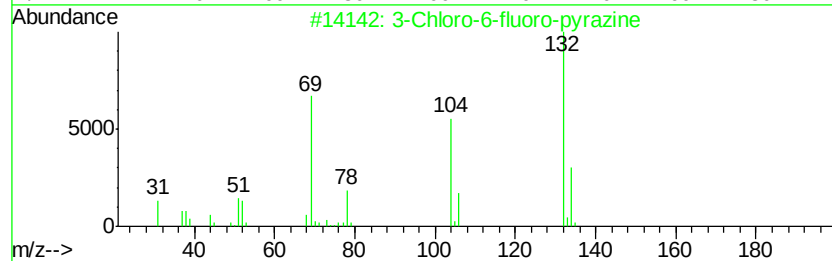
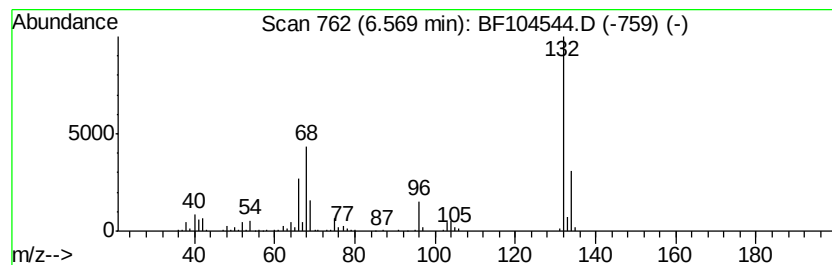
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.57 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	7.99 ng	376442	1,4-Dichlorobenzene-d4	6.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3			Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4			5-Aminoindole	132	C8H8N2	005192-03-0	12
5			4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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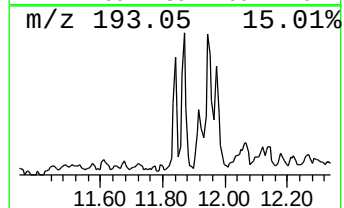
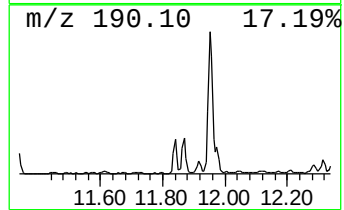
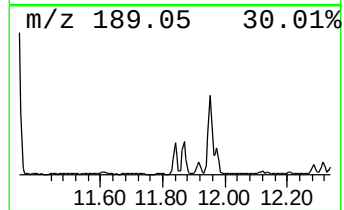
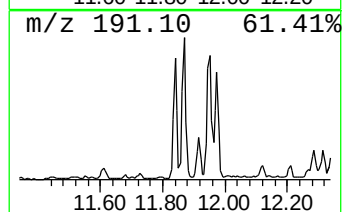
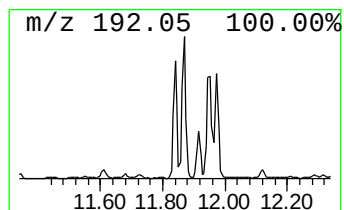
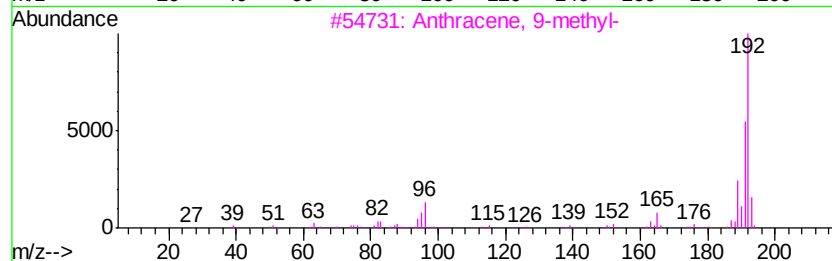
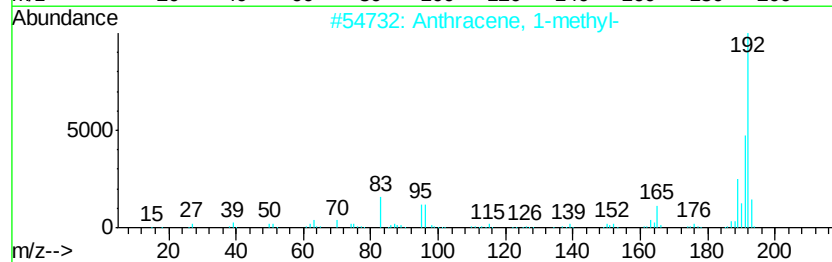
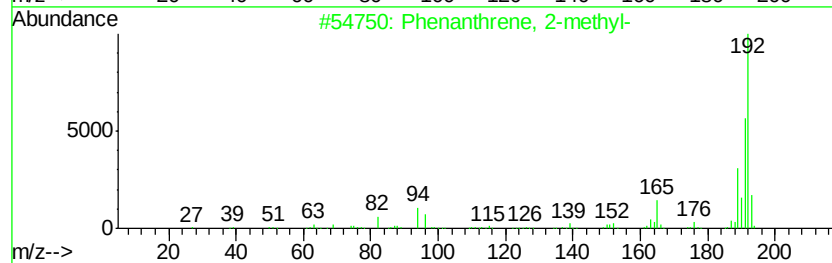
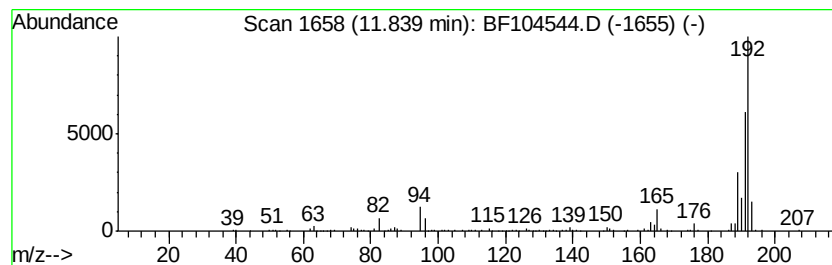
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	2.90 ng	193384	Phenanthrene-d10	11.34

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81



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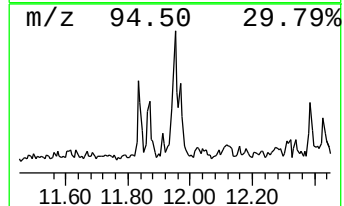
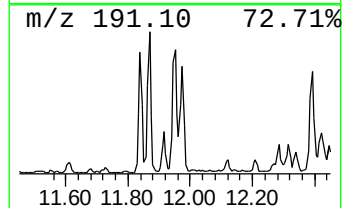
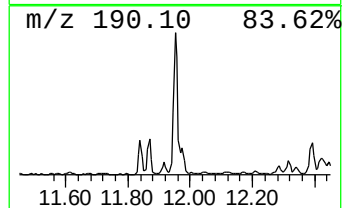
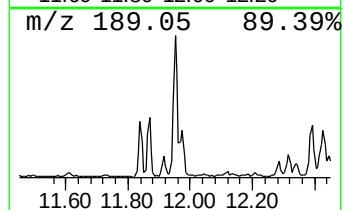
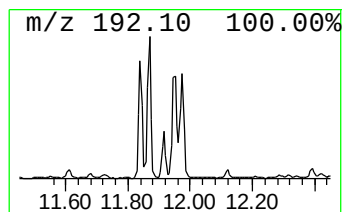
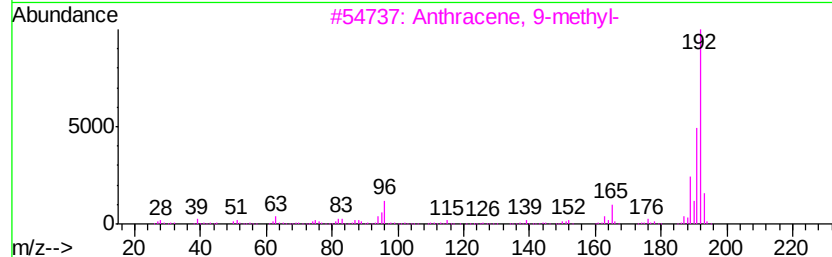
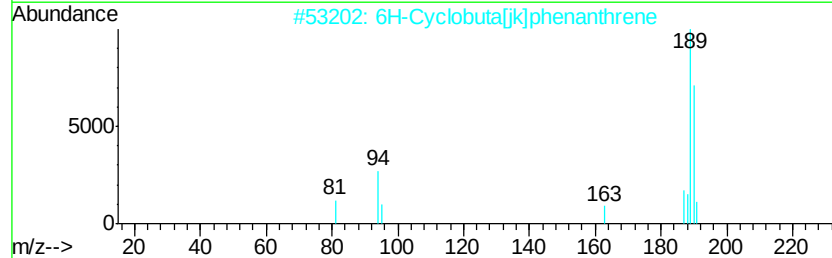
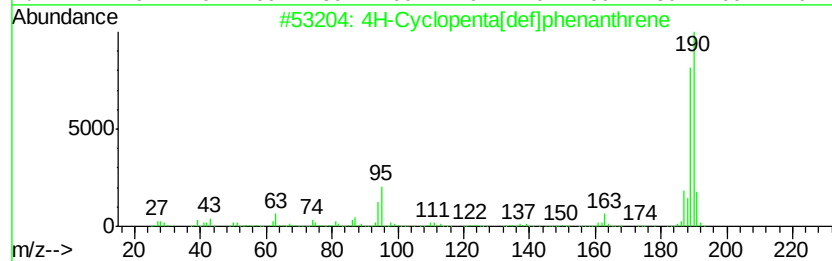
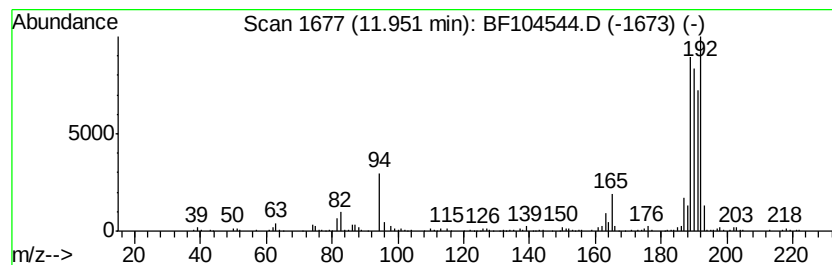
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.95	5.16 ng	343520	Phenanthrene-d10	11.34	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	49
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	43
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	42
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041618\
Data File : BF104544.D
Acq On : 16 Apr 2018 20:27
Operator : JU/SJ
Sample : J2370-05 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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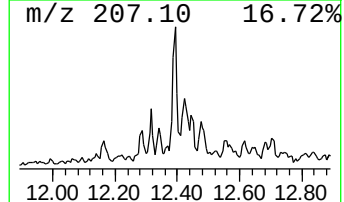
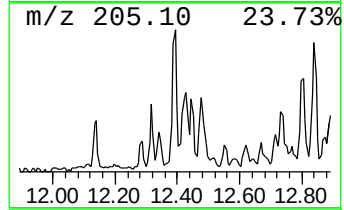
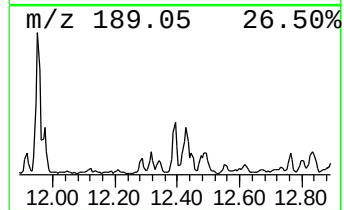
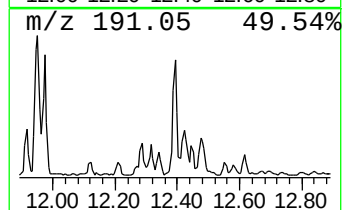
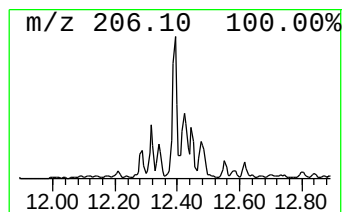
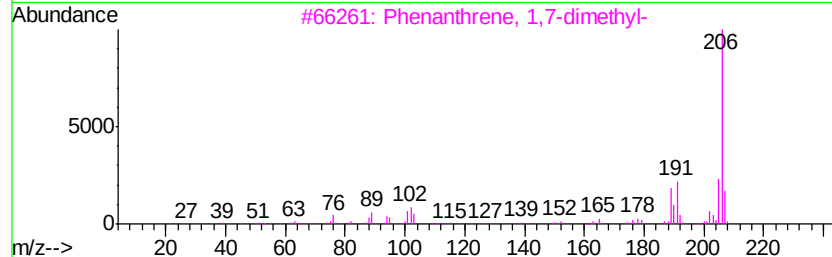
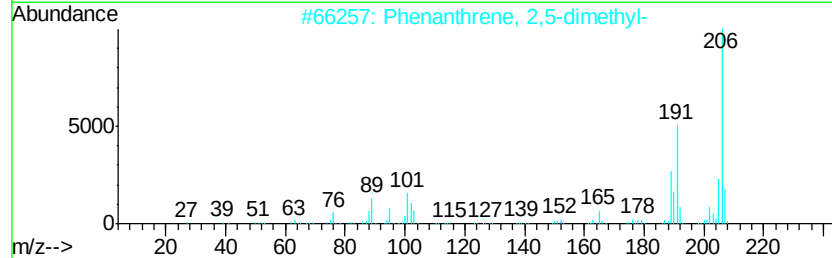
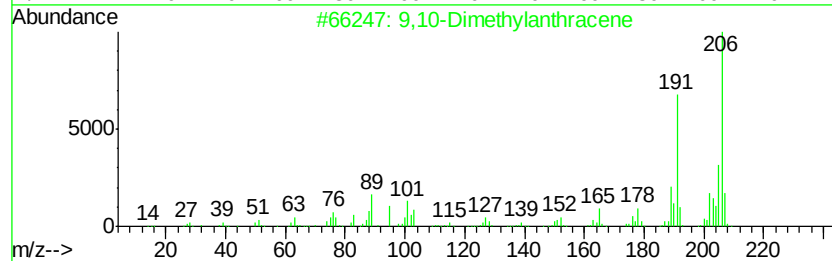
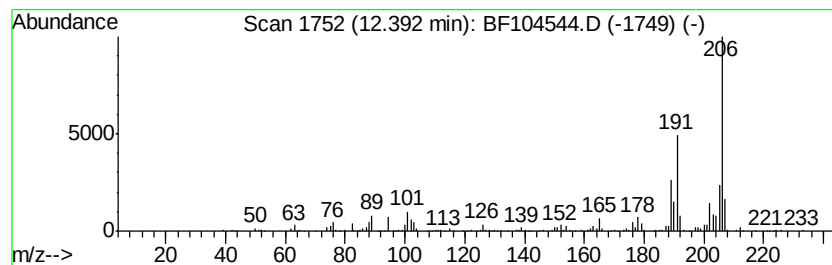
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 9,10-Dimethylantracene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	4.44 ng	295744	Phenanthrene-d10	11.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Dimethylantracene	206	C16H14	000781-43-1	93
2		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
4		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5		1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041618\
Data File : BF104544.D
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Operator : JU/SJ
Sample : J2370-05 10X
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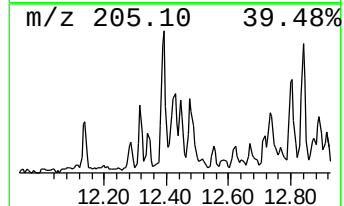
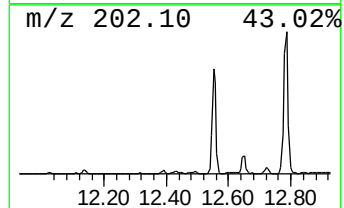
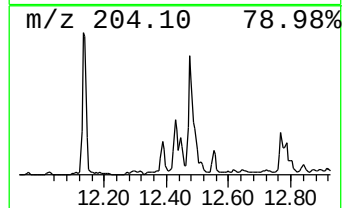
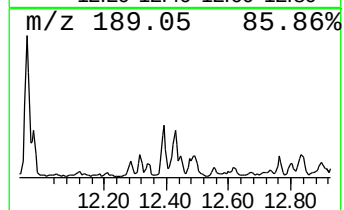
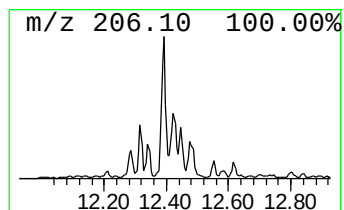
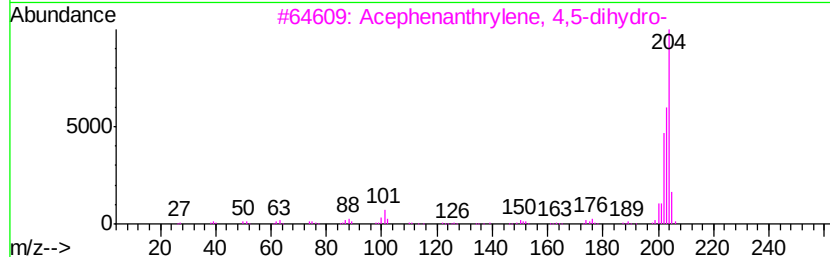
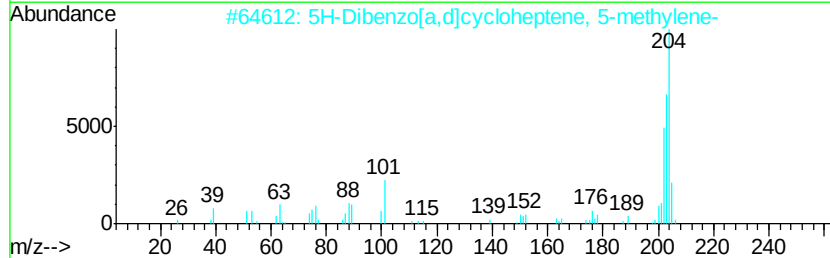
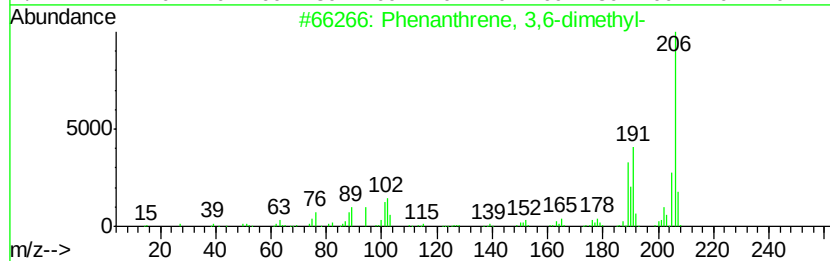
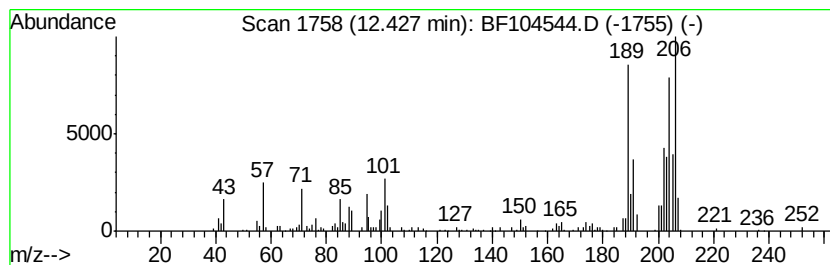
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 3,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.43	2.35 ng	156417	Phenanthrene-d10		11.34	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	62
2		5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	38
3		Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	38
4		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	35
5		1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041618\
Data File : BF104544.D
Acq On : 16 Apr 2018 20:27
Operator : JU/SJ
Sample : J2370-05 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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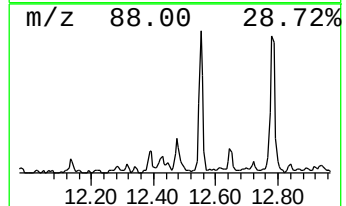
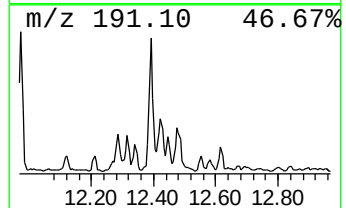
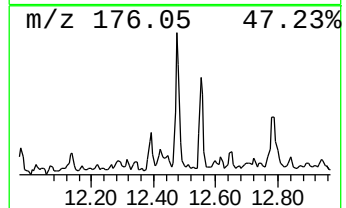
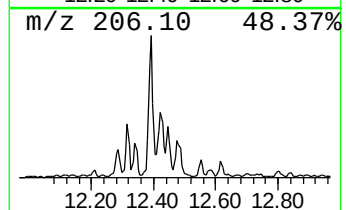
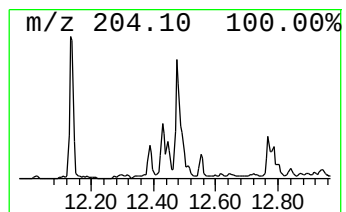
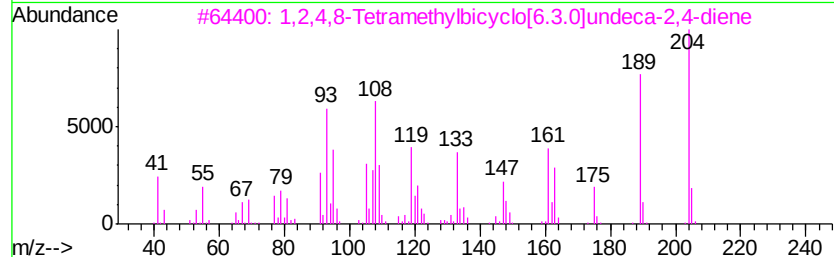
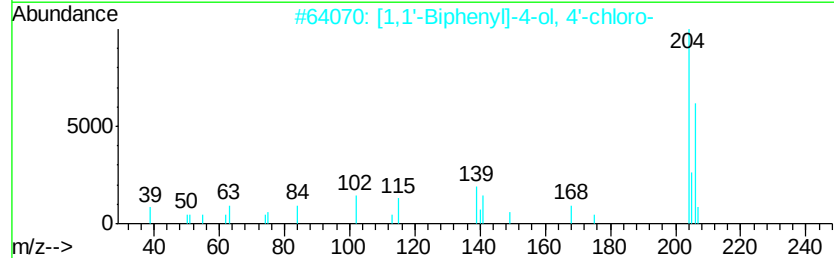
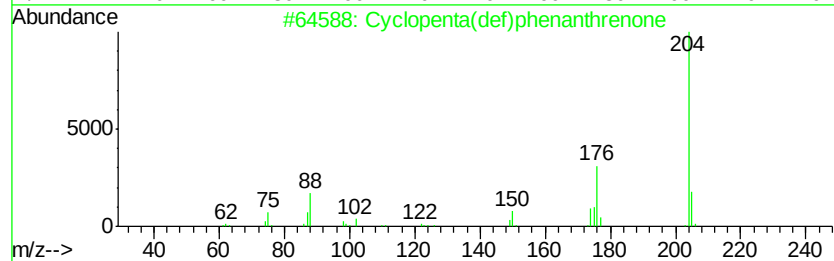
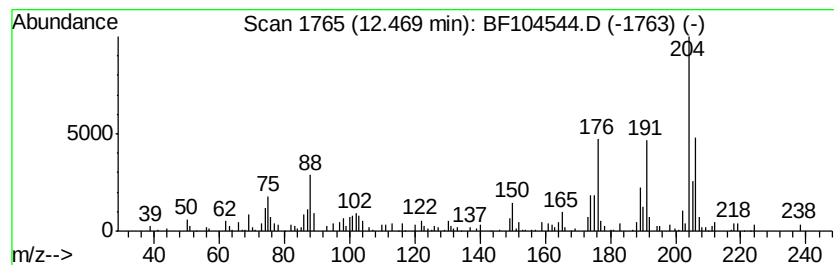
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	2.70 ng	179652	Phenanthrene-d10	11.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	92
2		[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43
3		1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	38
4		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	38
5		2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
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Acq On : 16 Apr 2018 20:27
Operator : JU/SJ
Sample : J2370-05 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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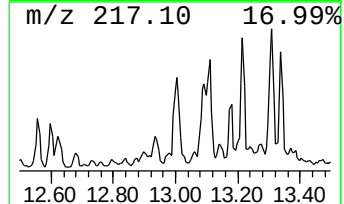
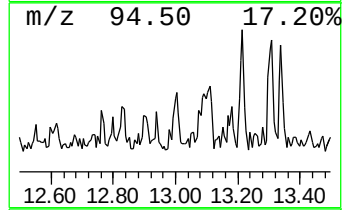
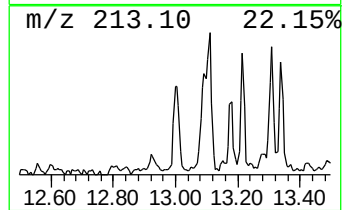
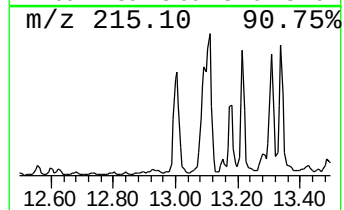
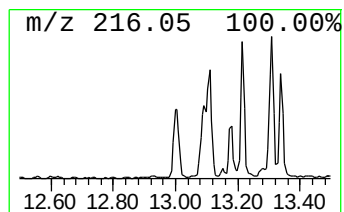
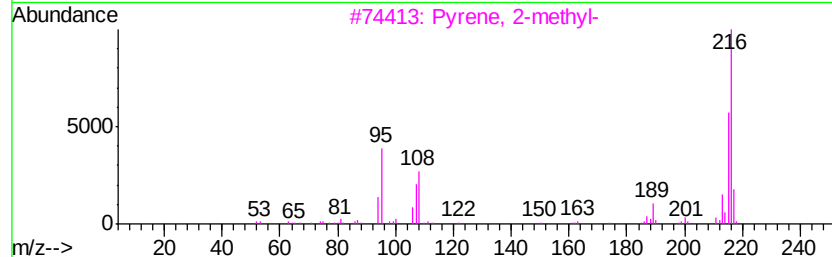
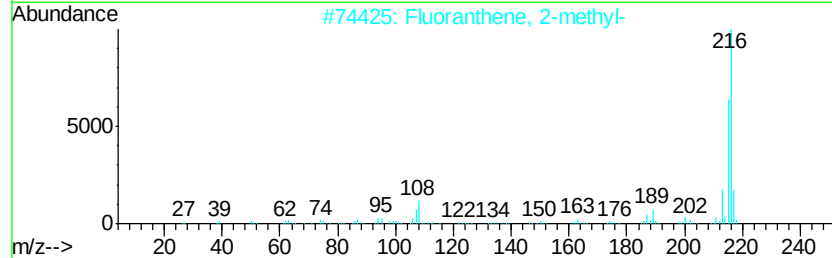
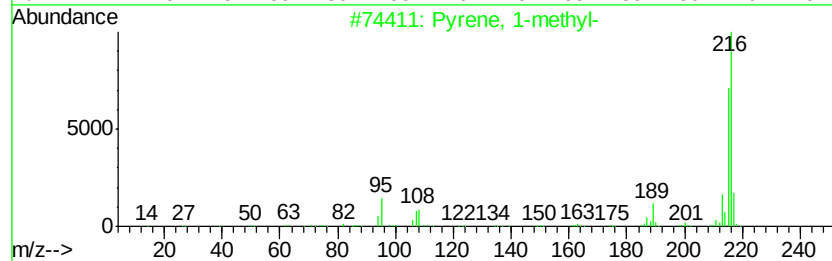
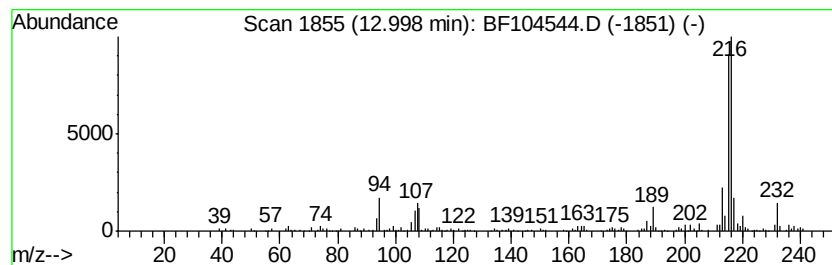
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pyrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	3.57 ng	264553	Chrysene-d12	13.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3		Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
5		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041618\
Data File : BF104544.D
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Misc :
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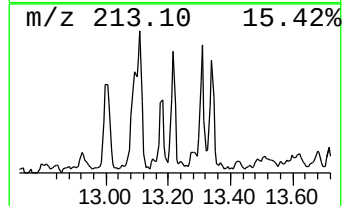
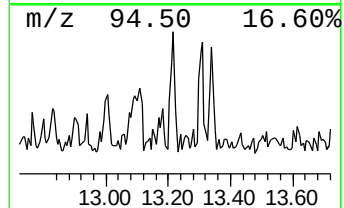
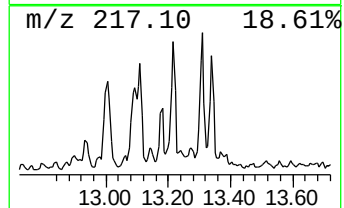
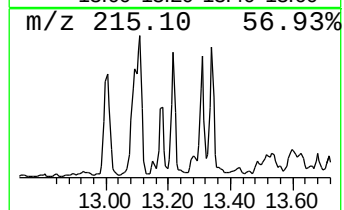
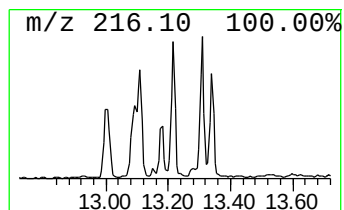
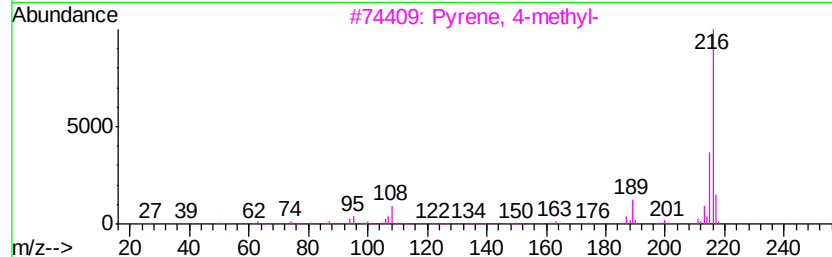
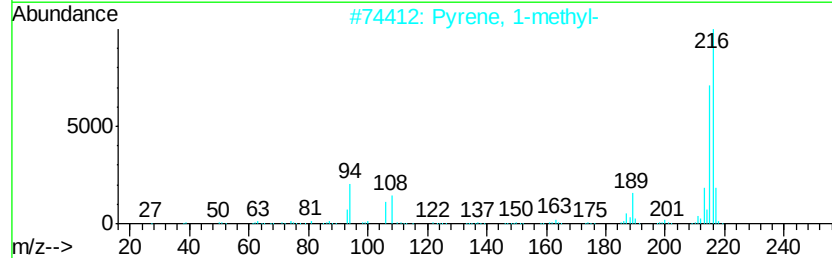
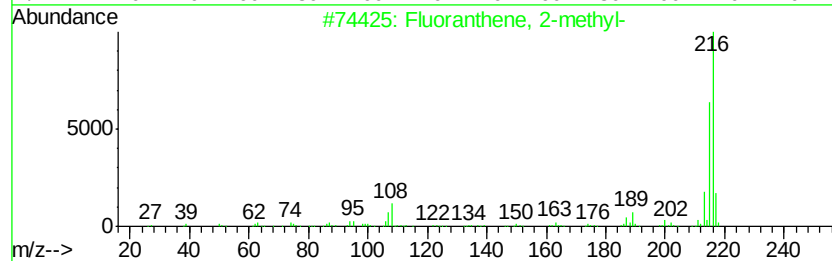
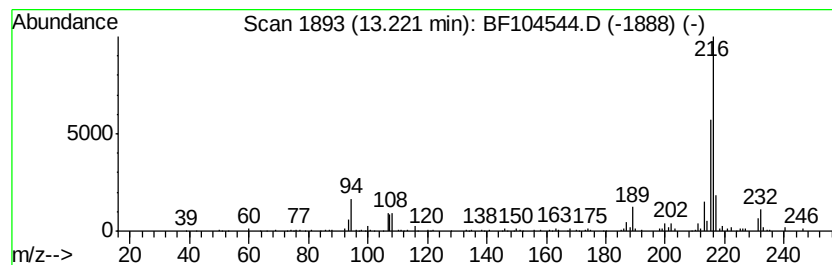
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	2.69 ng	199346	Chrysene-d12	13.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	98
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3		Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
4		11H-Benzo[alfluorene	216	C17H12	000238-84-6	94
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041618\
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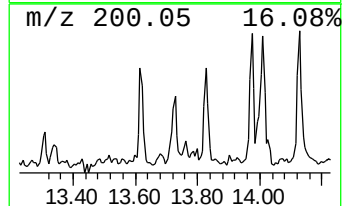
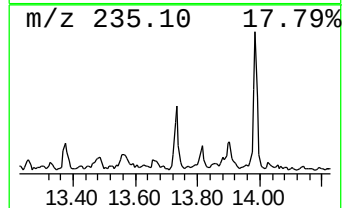
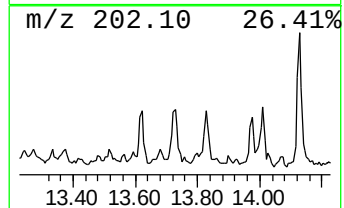
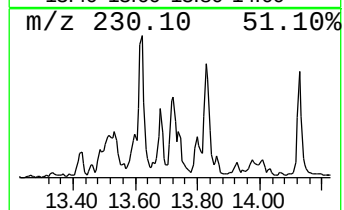
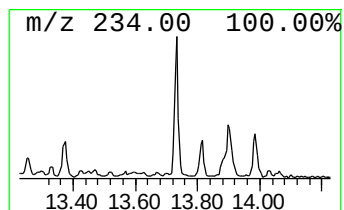
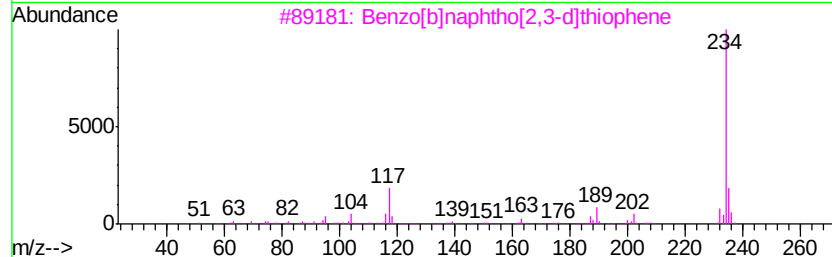
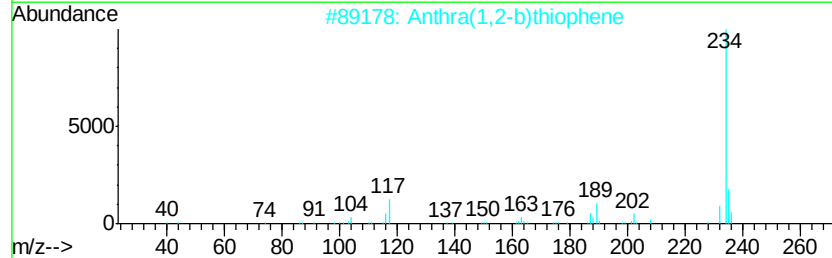
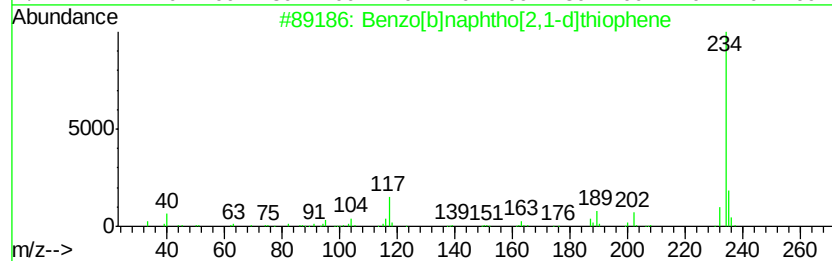
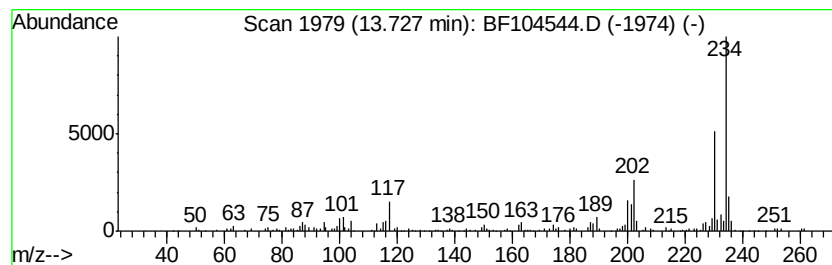
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	2.48 ng	183688	Chrysene-d12	13.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	78
2			Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	78
3			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	78
4			Phenanthro[4,3-b]thiophene	234	C16H10S	000195-68-6	49
5			Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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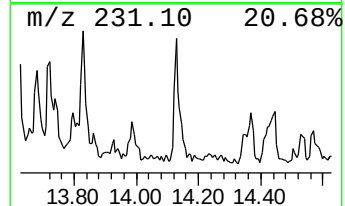
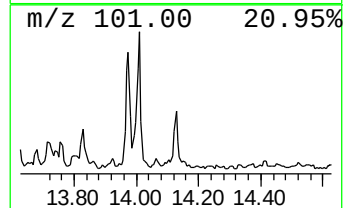
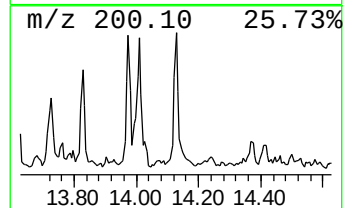
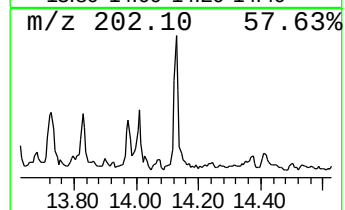
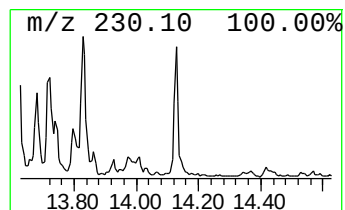
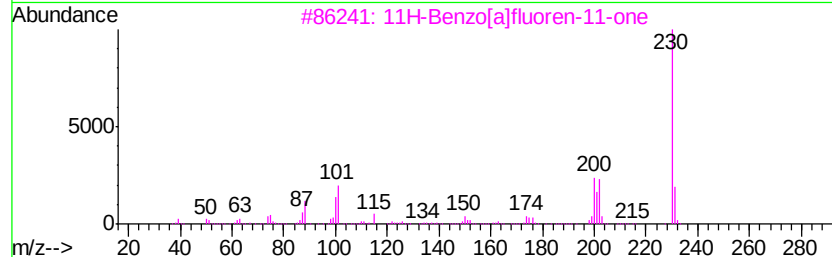
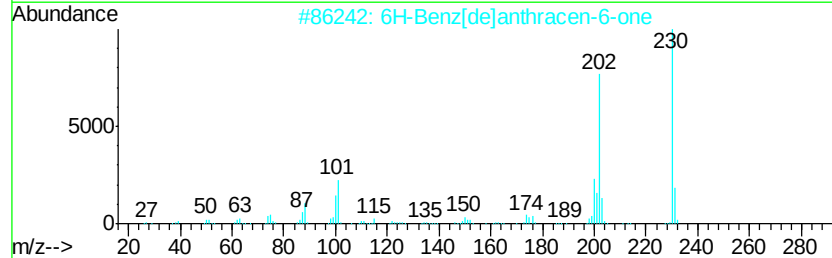
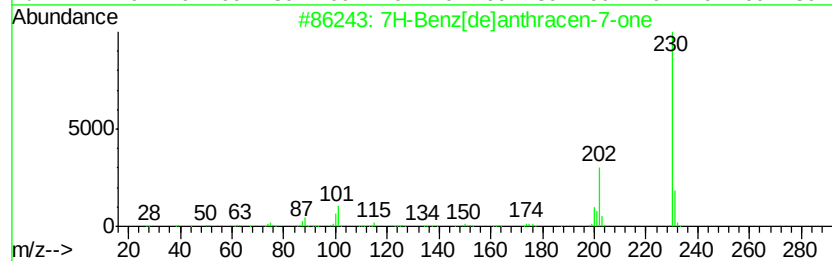
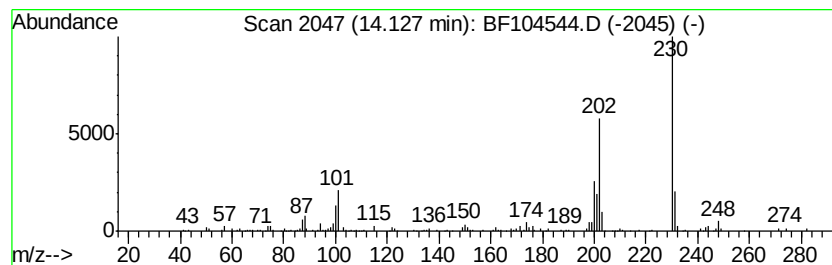
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 7H-Benz[de]anthracen-7-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	2.50 ng	185337	Chrysene-d12	13.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	94
2		6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	93
3		11H-Benzof[al]fluoren-11-one	230	C17H10O	000479-79-8	87
4		1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	76
5		4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	74



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
Data File : BF104544.D
Acq On : 16 Apr 2018 20:27
Operator : JU/SJ
Sample : J2370-05 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CG

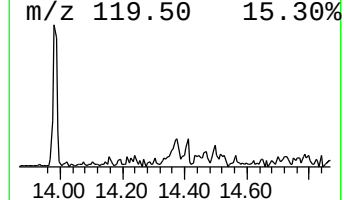
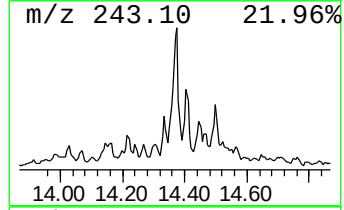
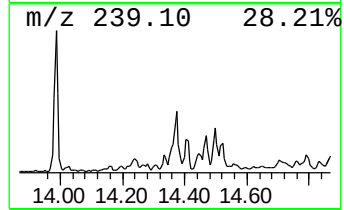
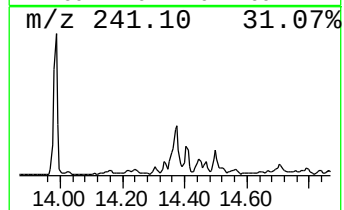
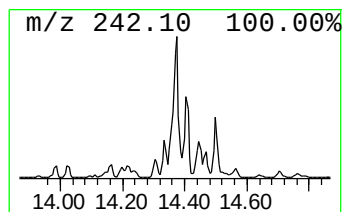
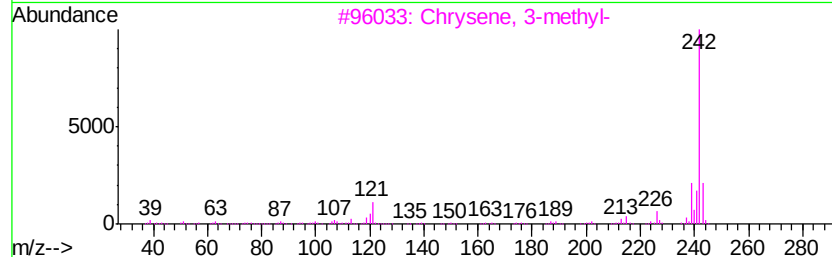
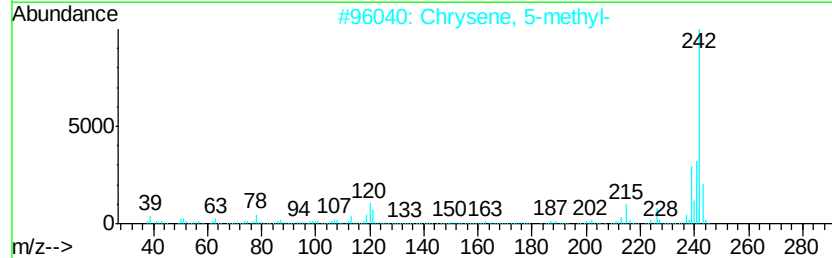
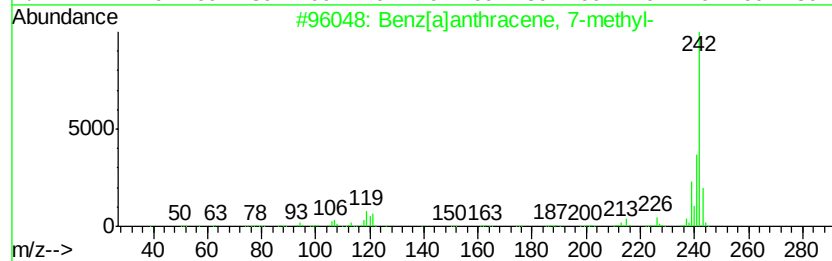
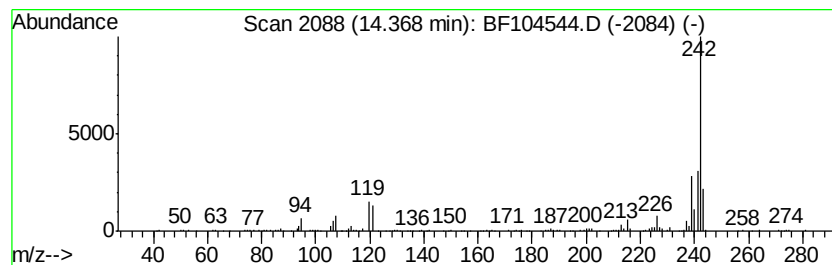
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benz[a]anthracene, 7-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	3.27 ng	242541	Chrysene-d12	13.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
2		Chrysene, 5-methyl-	242	C19H14	003697-24-3	90
3		Chrysene, 3-methyl-	242	C19H14	003351-31-3	90
4		Chrysene, 1-methyl-	242	C19H14	003351-28-8	90
5		Triphenylene, 2-methyl-	242	C19H14	001705-84-6	89



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
Data File : BF104544.D
Acq On : 16 Apr 2018 20:27
Operator : JU/SJ
Sample : J2370-05 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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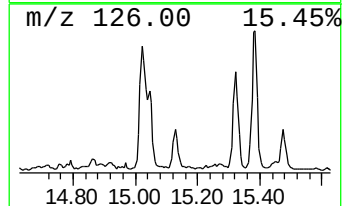
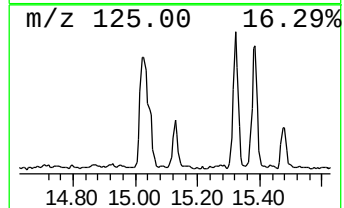
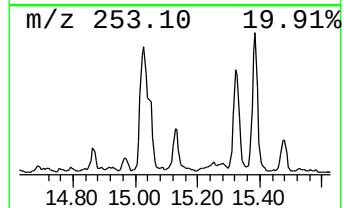
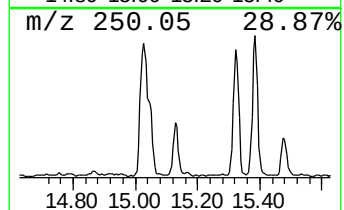
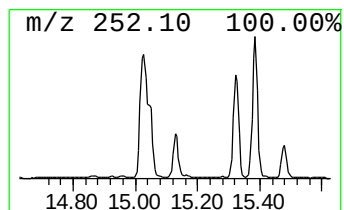
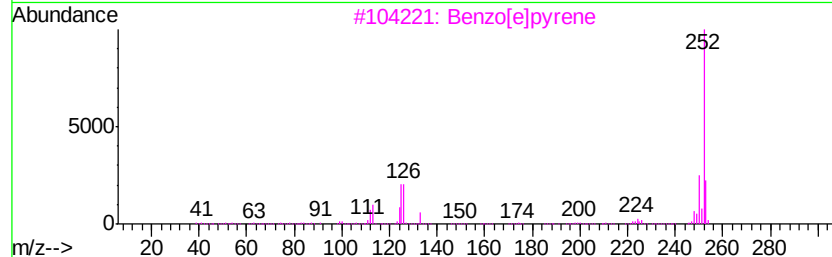
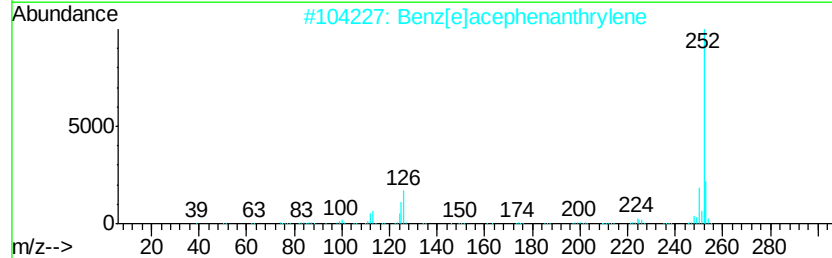
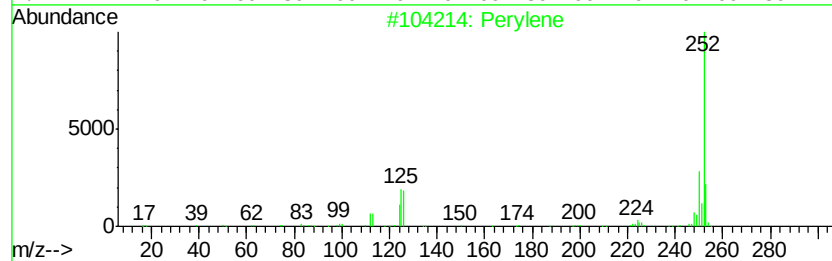
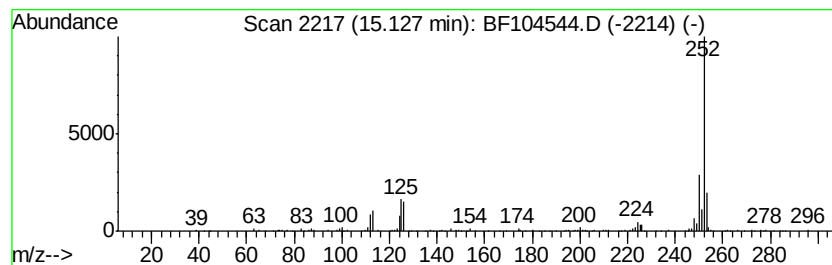
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Perylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	2.95 ng	133976	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Perylene	252	C20H12	000198-55-0	99
2		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	97
3		Benzo[e]pyrene	252	C20H12	000192-97-2	97
4		Benzo[i]fluoranthene	252	C20H12	000205-82-3	96
5		Benzo[a]pyrene	252	C20H12	000050-32-8	95



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
Data File : BF104544.D
Acq On : 16 Apr 2018 20:27
Operator : JU/SJ
Sample : J2370-05 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

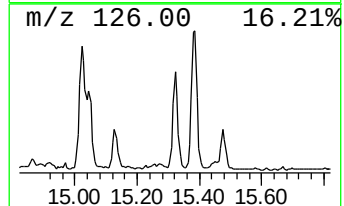
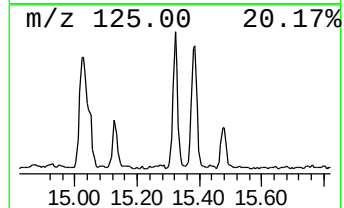
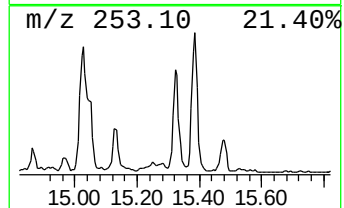
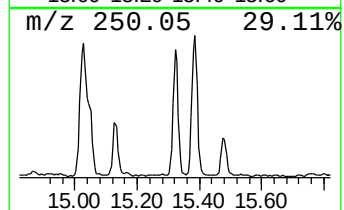
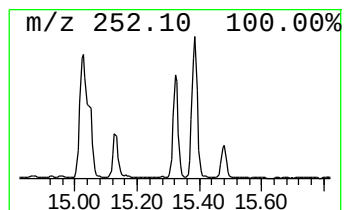
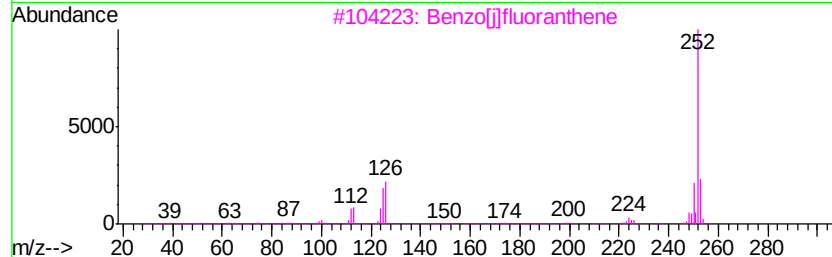
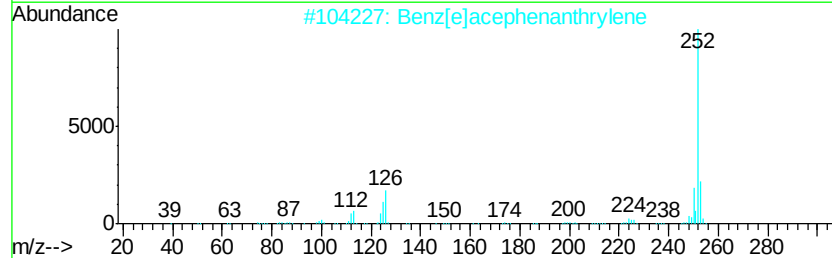
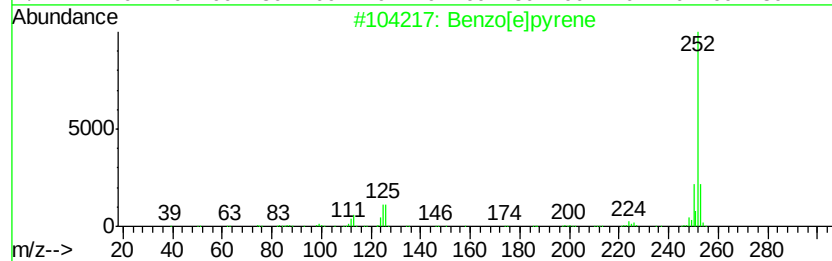
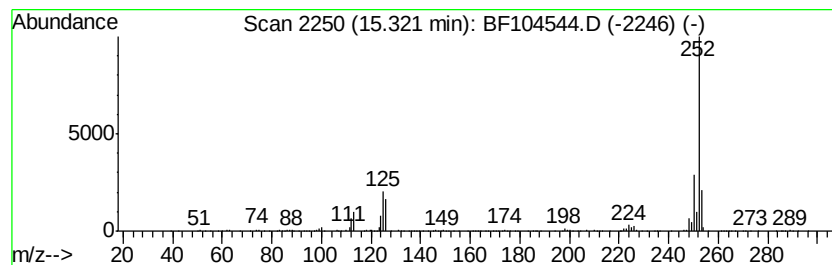
Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.32	8.50 ng	385398	Perylene-d12	15.45	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	98
3	Benzo[i]fluoranthene	252	C20H12	000205-82-3	98
4	Benzo[a]pyrene	252	C20H12	000050-32-8	96
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041618\
Data File : BF104544.D
Acq On : 16 Apr 2018 20:27
Operator : JU/SJ
Sample : J2370-05 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CG

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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Phenanthrene, 2-m...	11.84	2.9	ng	193384	4	11.34	1332330	20.0
4H-Cyclopenta[def...	11.95	5.2	ng	343520	4	11.34	1332330	20.0
9,10-Dimethylanthe...	12.39	4.4	ng	295744	4	11.34	1332330	20.0
Phenanthrene, 3,6...	12.43	2.4	ng	156417	4	11.34	1332330	20.0
Cyclopenta(def)ph...	12.47	2.7	ng	179652	4	11.34	1332330	20.0
Pyrene, 1-methyl-	13.00	3.6	ng	264553	5	13.99	1481530	20.0
Fluoranthene, 2-m...	13.22	2.7	ng	199346	5	13.99	1481530	20.0
Benzo[b]naphtho[2...	13.73	2.5	ng	183688	5	13.99	1481530	20.0
7H-Benz[de]anthra...	14.13	2.5	ng	185337	5	13.99	1481530	20.0
Benz[a]anthracene...	14.37	3.3	ng	242541	5	13.99	1481530	20.0
Perylene	15.13	3.0	ng	133976	6	15.45	907279	20.0
Benzo[e]pyrene	15.32	8.5	ng	385398	6	15.45	907279	20.0