

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022819\
 Data File : BF112787.D
 Acq On : 1 Mar 2019 3:11
 Operator : JU/SJ
 Sample : K1650-08 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-4(4-5)

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.281	369	373	381	rBV2	13836	19944	1.17%	0.150%
2	4.922	479	482	488	rVB	19159	20331	1.19%	0.152%
3	5.339	549	553	560	rBV	182321	178684	10.50%	1.340%
4	6.363	724	727	734	rBV	293575	254977	14.99%	1.912%
5	6.504	748	751	757	rBV	284642	238923	14.04%	1.792%
6	6.745	788	792	795	rBV	1130396	990230	58.20%	7.426%
7	6.898	814	818	826	rBV	264085	217426	12.78%	1.630%
8	7.298	882	886	894	rBV	148111	154609	9.09%	1.159%
9	8.022	1006	1009	1016	rBV	1312239	1180237	69.36%	8.851%
10	9.098	1188	1192	1202	rBV	287043	263840	15.51%	1.979%
11	9.633	1273	1283	1285	rBV	32985	42195	2.48%	0.316%
12	9.669	1285	1289	1296	rVB2	29531	56071	3.30%	0.420%
13	9.774	1303	1307	1311	rBV	1140479	1118382	65.73%	8.387%
14	9.804	1311	1312	1317	rVB	37302	23618	1.39%	0.177%
15	10.316	1397	1399	1406	rVB	23211	20087	1.18%	0.151%
16	10.551	1436	1439	1444	rBV2	69647	66129	3.89%	0.496%
17	10.686	1458	1462	1470	rVB5	9666	19072	1.12%	0.143%
18	11.051	1521	1524	1530	rVB	18434	21006	1.23%	0.158%
19	11.251	1554	1558	1560	rBV	1197271	1128988	66.35%	8.466%
20	11.268	1560	1561	1565	rVV	342437	268788	15.80%	2.016%
21	11.321	1567	1570	1574	rVB	88706	73047	4.29%	0.548%
22	11.474	1592	1596	1600	rBV2	24493	31668	1.86%	0.237%
23	11.580	1611	1614	1618	rVB	16962	17585	1.03%	0.132%
24	11.751	1639	1643	1645	rBV	72640	67868	3.99%	0.509%
25	11.780	1645	1648	1652	rVV2	132059	131125	7.71%	0.983%
26	11.821	1652	1655	1658	rVV2	33357	36134	2.12%	0.271%
27	11.857	1658	1661	1664	rVV	112178	127611	7.50%	0.957%
28	11.880	1664	1665	1671	rVB	59655	45720	2.69%	0.343%
29	12.045	1690	1693	1694	rBV	53047	44136	2.59%	0.331%
30	12.063	1694	1696	1703	rVB2	46150	49358	2.90%	0.370%
31	12.192	1713	1718	1720	rBV2	26501	26775	1.57%	0.201%
32	12.298	1733	1736	1739	rBV	56355	59276	3.48%	0.445%
33	12.333	1739	1742	1744	rVV	32969	35815	2.10%	0.269%
34	12.374	1747	1749	1755	rVB3	41352	50303	2.96%	0.377%

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BNA_F
ClientSampleId :
B-4(4-5)

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 >
Peak separation: 5

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35	12.457	1759	1763	1767	rVB	531350	491971	28.91%	3.689%
36	12.604	1786	1788	1793	rVB2	17139	19331	1.14%	0.145%
37	12.680	1796	1801	1804	rBV	668292	655183	38.51%	4.913%
38	12.704	1804	1805	1815	rVB2	158157	188435	11.07%	1.413%
39	12.804	1819	1822	1823	rBV	27401	23975	1.41%	0.180%
40	12.827	1823	1826	1833	rVB	345317	317094	18.64%	2.378%
41	12.898	1835	1838	1841	rBV3	42587	57659	3.39%	0.432%
42	12.992	1850	1854	1855	rBV3	39393	48669	2.86%	0.365%
43	13.010	1855	1857	1860	rVB	81937	71479	4.20%	0.536%
44	13.074	1865	1868	1871	rBV	65215	52165	3.07%	0.391%
45	13.110	1871	1874	1877	rBV	73958	77655	4.56%	0.582%
46	13.204	1887	1890	1893	rBV2	47495	37389	2.20%	0.280%
47	13.233	1893	1895	1899	rBV	54524	47007	2.76%	0.353%
48	13.509	1939	1942	1948	rVB	52135	61719	3.63%	0.463%
49	13.621	1958	1961	1964	rBV2	53460	77627	4.56%	0.582%
50	13.651	1964	1966	1968	rVV	53900	45884	2.70%	0.344%
51	13.674	1968	1970	1974	rVV2	40732	51418	3.02%	0.386%
52	13.715	1975	1977	1982	rVV	38981	51068	3.00%	0.383%
53	13.874	1999	2004	2007	rBV2	1501338	1701529	100.00%	12.760%
54	13.898	2007	2008	2011	rVB	283426	164053	9.64%	1.230%
55	14.292	2073	2075	2078	rBV2	46839	45216	2.66%	0.339%
56	14.880	2172	2175	2182	rBV	215812	413822	24.32%	3.103%
57	14.980	2190	2192	2198	rVB	106226	108432	6.37%	0.813%
58	15.168	2220	2224	2229	rBV	147604	202310	11.89%	1.517%
59	15.221	2230	2233	2238	rBV	183150	201924	11.87%	1.514%
60	15.286	2239	2244	2247	rBV	892750	1042109	61.25%	7.815%

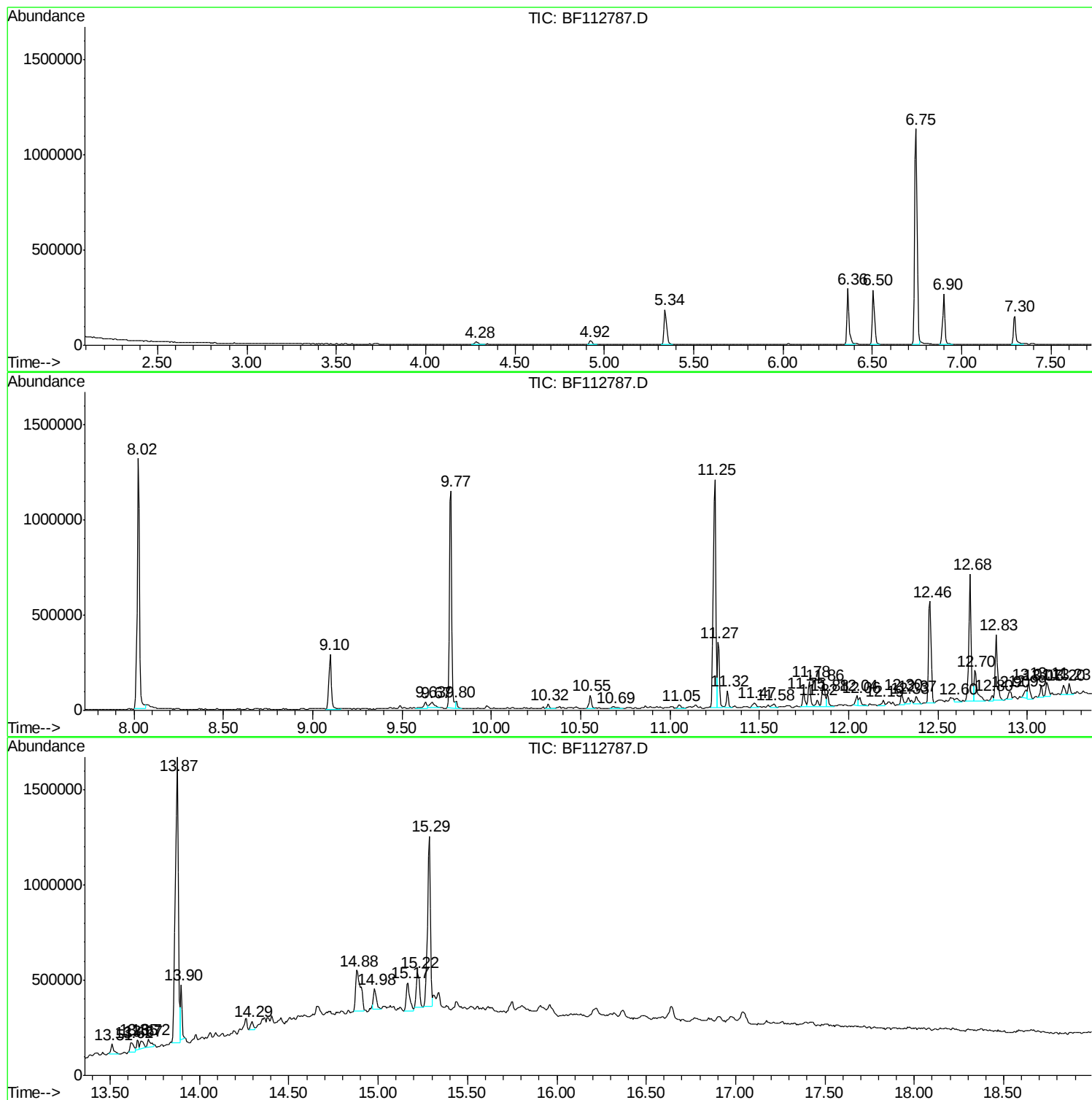
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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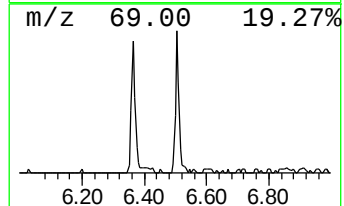
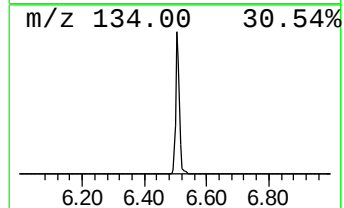
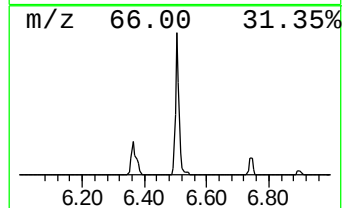
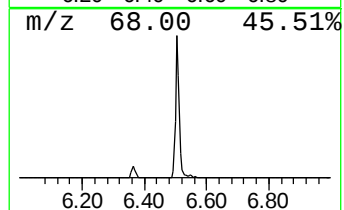
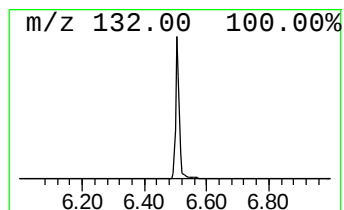
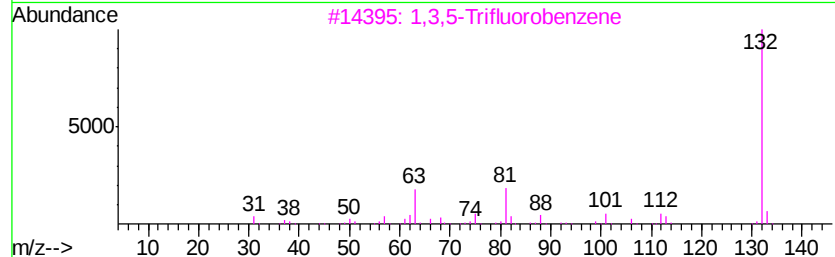
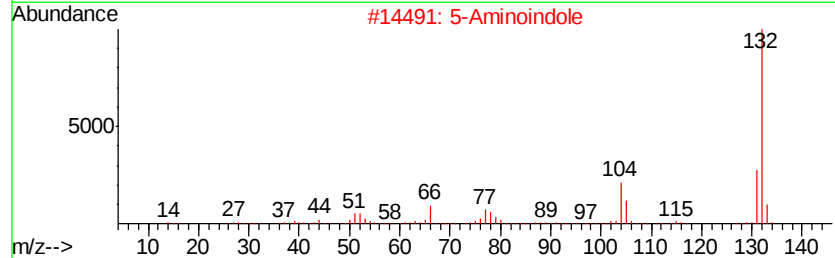
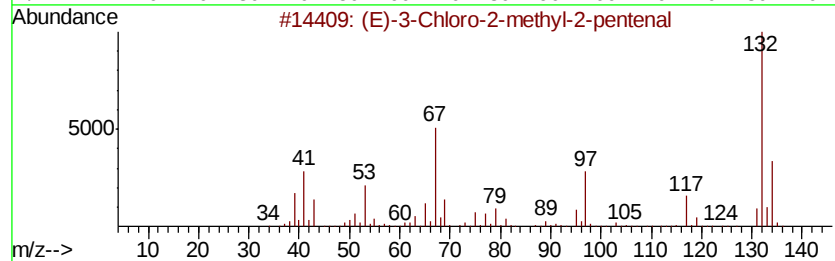
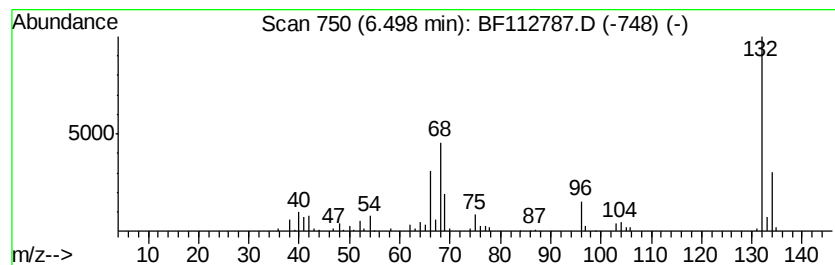
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	4.83 ng	238923	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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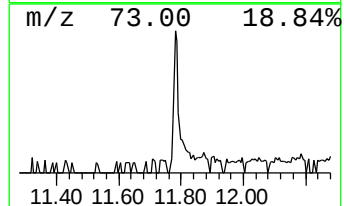
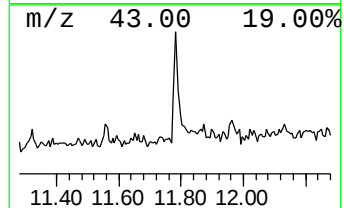
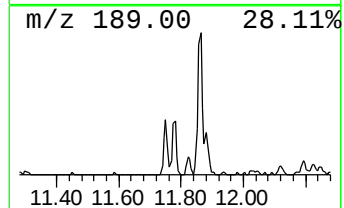
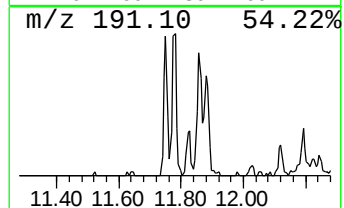
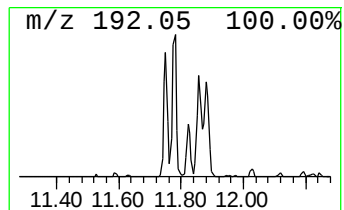
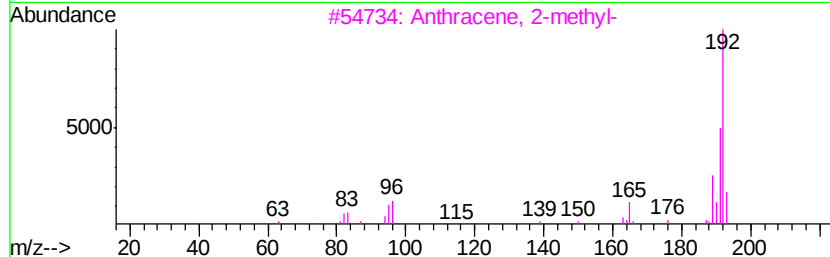
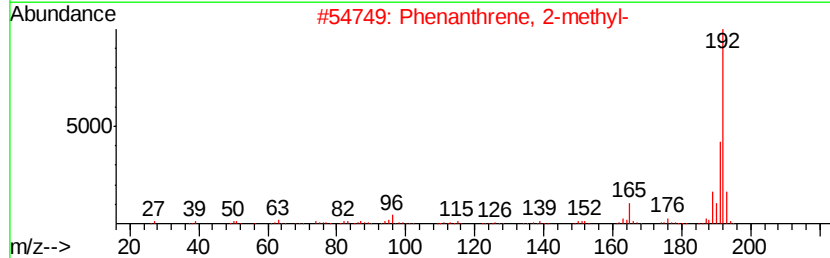
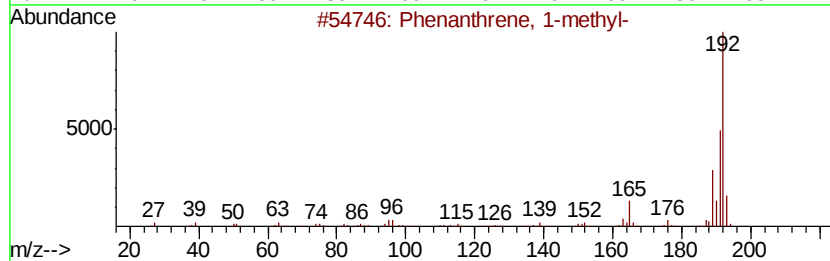
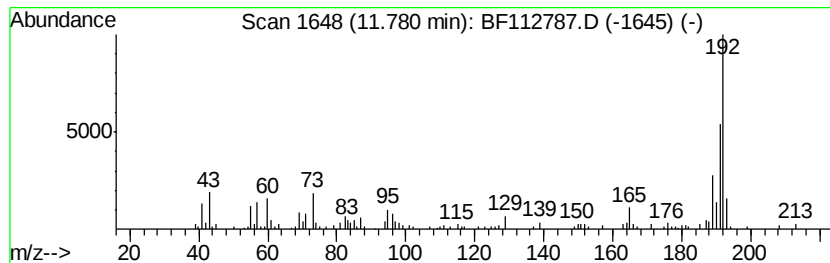
Instrument :
BNA_F
ClientSampleId :
B-4(4-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.78	2.32 ng	131125	Phenanthrene-d10	11.25	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90



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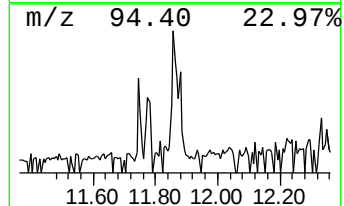
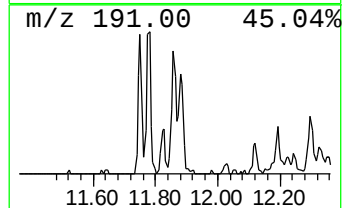
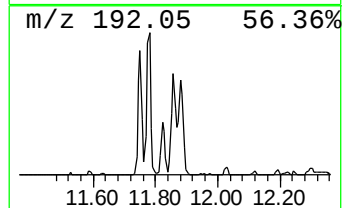
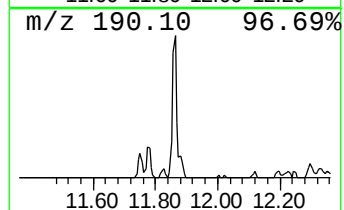
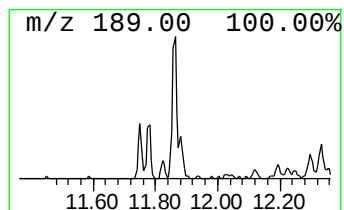
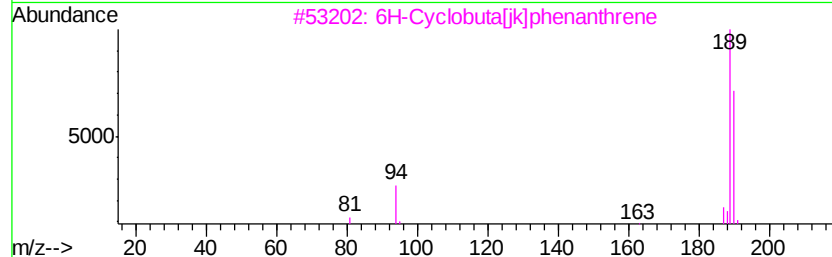
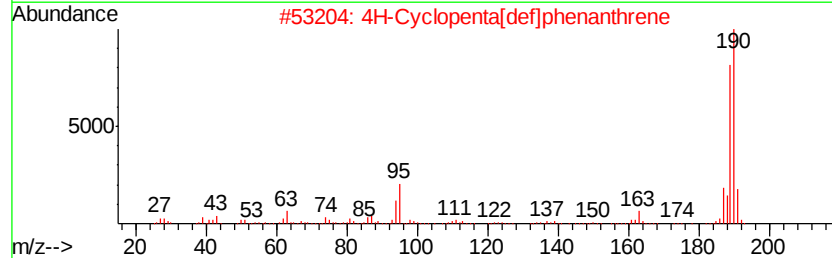
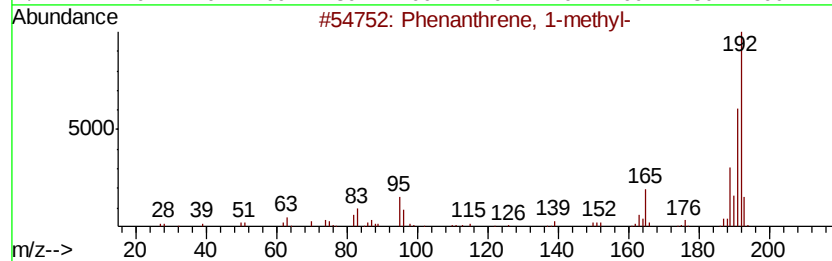
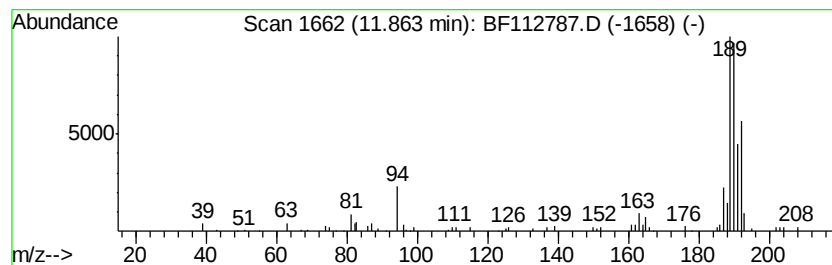
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.86	2.26 ng	127611	Phenanthrene-d10		11.25
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	80
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3	6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	49
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	46
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	46



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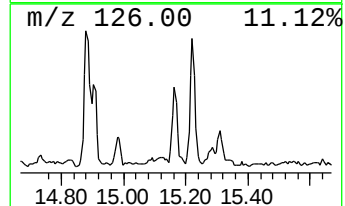
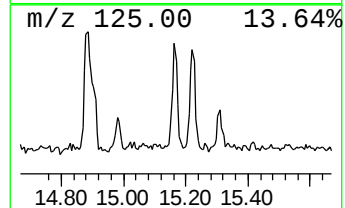
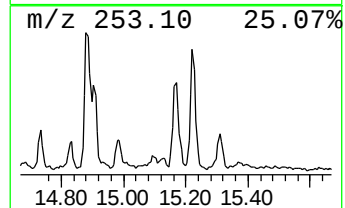
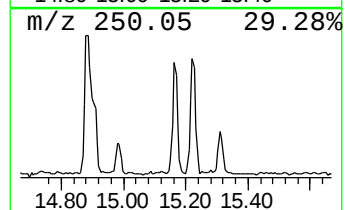
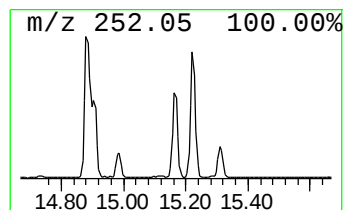
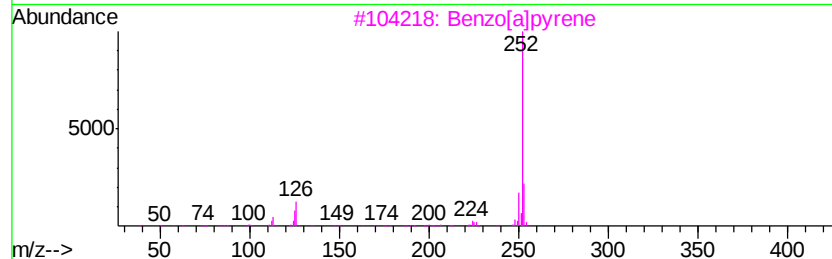
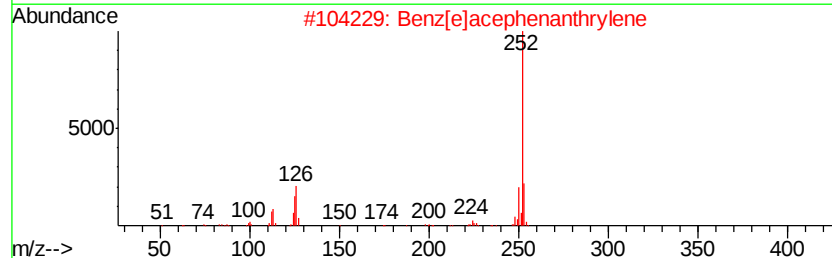
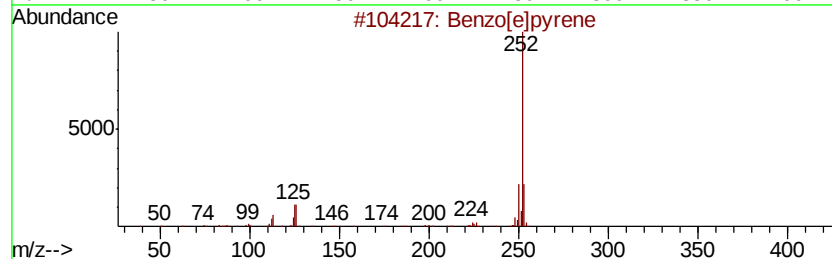
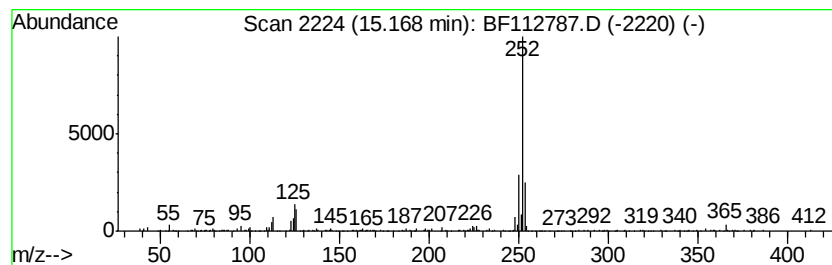
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	3.88 ng	202310	Perylene-d12	15.29

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	95
3		Benzo[a]pyrene	252	C20H12	000050-32-8	90
4		Benzo[i]fluoranthene	252	C20H12	000205-82-3	90
5		Perylene	252	C20H12	000198-55-0	86



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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
unknown6.50	6.50	4.8	ng	238923	1	6.75	990230	20.0
Phenanthrene, 1-m...	11.78	2.3	ng	131125	4	11.25	1128990	20.0
4H-Cyclopenta[def...	11.86	2.3	ng	127611	4	11.25	1128990	20.0
Benzo[e]pyrene	15.17	3.9	ng	202310	6	15.29	1042110	20.0