

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021225\
 Data File : BF141601.D
 Acq On : 12 Feb 2025 20:04
 Operator : RC/JU
 Sample : Q1341-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HAR-ROLLOFFS

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141601.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.404	558	563	580	rVB	1101304	1487982	89.65%	9.422%
2	5.622	594	600	611	rVB2	16568	28436	1.71%	0.180%
3	6.422	731	736	759	rBV	1101303	1544430	93.05%	9.779%
4	6.616	764	769	774	rVV2	24194	41464	2.50%	0.263%
5	6.663	774	777	789	rVB	11028	21742	1.31%	0.138%
6	6.786	792	798	805	rBV	403393	520091	31.33%	3.293%
7	7.051	838	843	851	rBV	11773	22211	1.34%	0.141%
8	7.345	888	893	909	rBV	744811	1015968	61.21%	6.433%
9	7.610	930	938	941	rBV2	27251	45875	2.76%	0.290%
10	7.645	941	944	958	rVB	29168	50378	3.04%	0.319%
11	7.869	977	982	991	rVB2	14999	30304	1.83%	0.192%
12	8.069	1010	1016	1034	rVB	494975	711859	42.89%	4.507%
13	8.286	1048	1053	1059	rBV2	30129	52319	3.15%	0.331%
14	8.345	1059	1063	1076	rVB	27432	43355	2.61%	0.275%
15	8.780	1132	1137	1144	rVB2	27538	40893	2.46%	0.259%
16	8.880	1150	1154	1162	rVB	15214	21529	1.30%	0.136%
17	9.139	1193	1198	1208	rBV	1278143	1659779	100.00%	10.509%
18	9.222	1208	1212	1217	rVV	20372	29446	1.77%	0.186%
19	9.275	1217	1221	1230	rVV2	19885	44620	2.69%	0.283%
20	9.410	1237	1244	1247	rBV5	7899	18356	1.11%	0.116%
21	9.480	1252	1256	1262	rBV6	15116	30582	1.84%	0.194%
22	9.545	1262	1267	1273	rVB3	20920	37894	2.28%	0.240%
23	9.680	1286	1290	1295	rBV	33457	46657	2.81%	0.295%
24	9.751	1298	1302	1306	rBV2	38984	50836	3.06%	0.322%
25	9.822	1306	1314	1318	rBV	561775	729419	43.95%	4.619%
26	9.980	1337	1341	1344	rBV4	12038	20301	1.22%	0.129%
27	10.251	1383	1387	1390	rVB	27762	30076	1.81%	0.190%
28	10.474	1421	1425	1430	rVB3	14556	22796	1.37%	0.144%
29	10.533	1430	1435	1442	rVB	98017	138714	8.36%	0.878%
30	10.610	1442	1448	1461	rBV	740296	1003544	60.46%	6.354%
31	10.733	1464	1469	1475	rVB3	33654	56854	3.43%	0.360%
32	10.839	1484	1487	1491	rVB2	13350	16608	1.00%	0.105%
33	11.204	1546	1549	1556	rVB	19702	29364	1.77%	0.186%
34	11.304	1561	1566	1575	rBV2	491667	772693	46.55%	4.893%
35	11.810	1648	1652	1653	rBV	36440	43141	2.60%	0.273%
36	11.839	1653	1657	1662	rVB	68761	104738	6.31%	0.663%

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Stop Thrs : 0

Peak Location: TOP

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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M

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37	11.916	1667	1670	1679	rVB	65489	142438	8.58%	0.902%
38	12.357	1741	1745	1748	rBV	51159	67846	4.09%	0.430%
39	12.445	1757	1760	1765	rBV2	28917	35309	2.13%	0.224%
40	12.521	1768	1773	1777	rBV	184337	251039	15.12%	1.590%
41	12.616	1786	1789	1792	rBV2	14561	17030	1.03%	0.108%
42	12.745	1806	1811	1818	rBV	283936	401599	24.20%	2.543%
43	12.892	1831	1836	1844	rVB	925255	1204242	72.55%	7.625%
44	12.968	1844	1849	1855	rVB	44829	87004	5.24%	0.551%
45	13.068	1861	1866	1871	rVB2	47698	102647	6.18%	0.650%
46	13.180	1881	1885	1893	rVB2	54792	74318	4.48%	0.471%
47	13.274	1897	1901	1903	rVV	45321	57473	3.46%	0.364%
48	13.304	1903	1906	1910	rVB	40568	48106	2.90%	0.305%
49	13.586	1951	1954	1960	rVB	37292	51434	3.10%	0.326%
50	13.692	1967	1972	1975	rBV3	42642	76228	4.59%	0.483%
51	13.798	1987	1990	1998	rVB	39274	64669	3.90%	0.409%
52	13.945	2008	2015	2027	rBV4	477938	1085465	65.40%	6.873%
53	14.339	2079	2082	2085	rVV	41284	50202	3.02%	0.318%
54	14.374	2086	2088	2092	rVB2	27983	31244	1.88%	0.198%
55	14.468	2101	2104	2112	rVB3	30632	58689	3.54%	0.372%
56	14.810	2159	2162	2166	rBV3	22939	41534	2.50%	0.263%
57	14.992	2187	2193	2202	rBV	139340	307159	18.51%	1.945%
58	15.098	2208	2211	2220	rVB	25709	38569	2.32%	0.244%
59	15.286	2238	2243	2248	rVB	89837	132213	7.97%	0.837%
60	15.345	2249	2253	2258	rVV	103644	151661	9.14%	0.960%
61	15.409	2258	2264	2278	rVB	262148	475908	28.67%	3.013%
62	16.839	2502	2507	2518	rVB2	40069	87530	5.27%	0.554%
63	17.274	2575	2581	2591	rVB	37731	86427	5.21%	0.547%

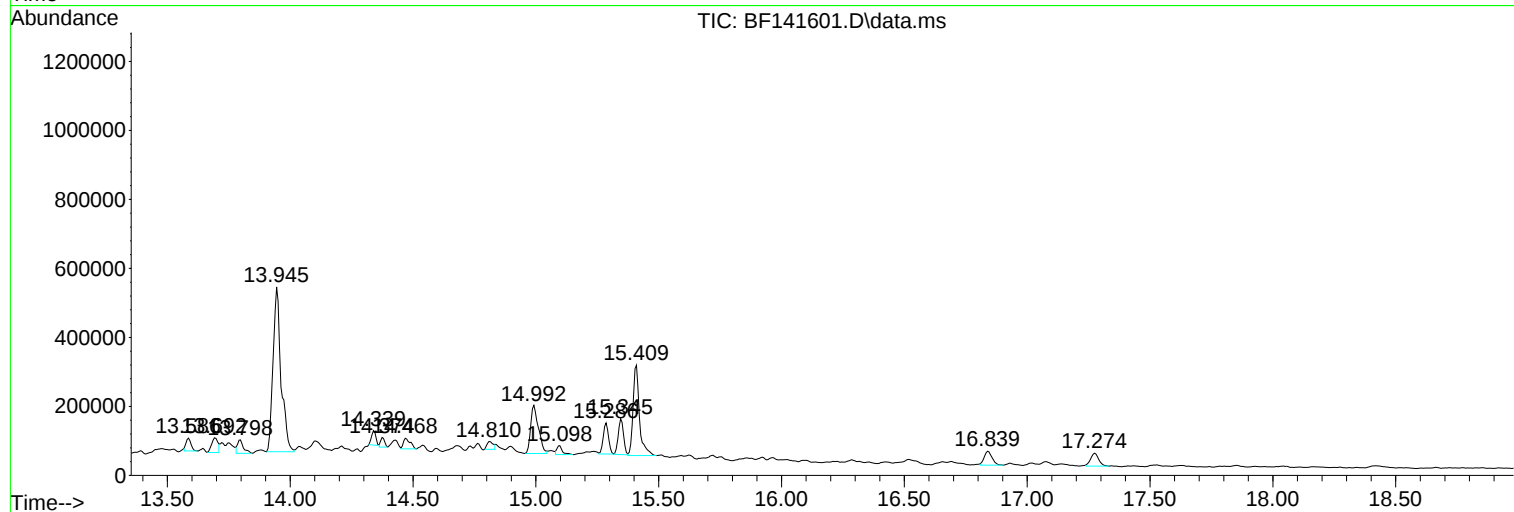
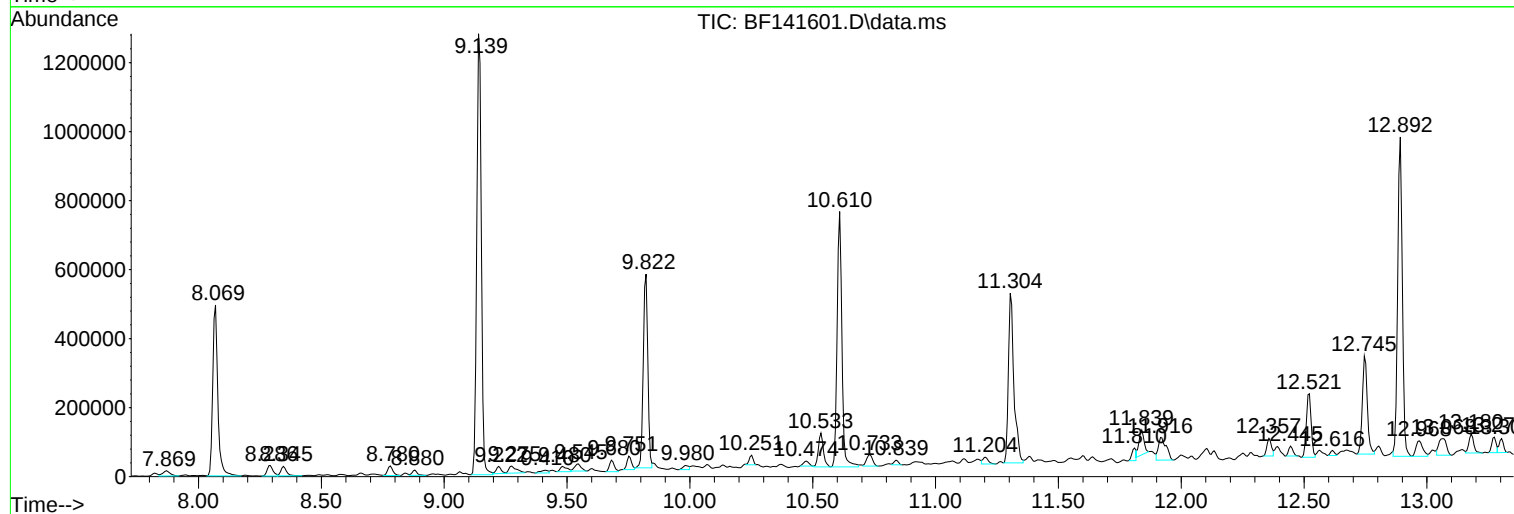
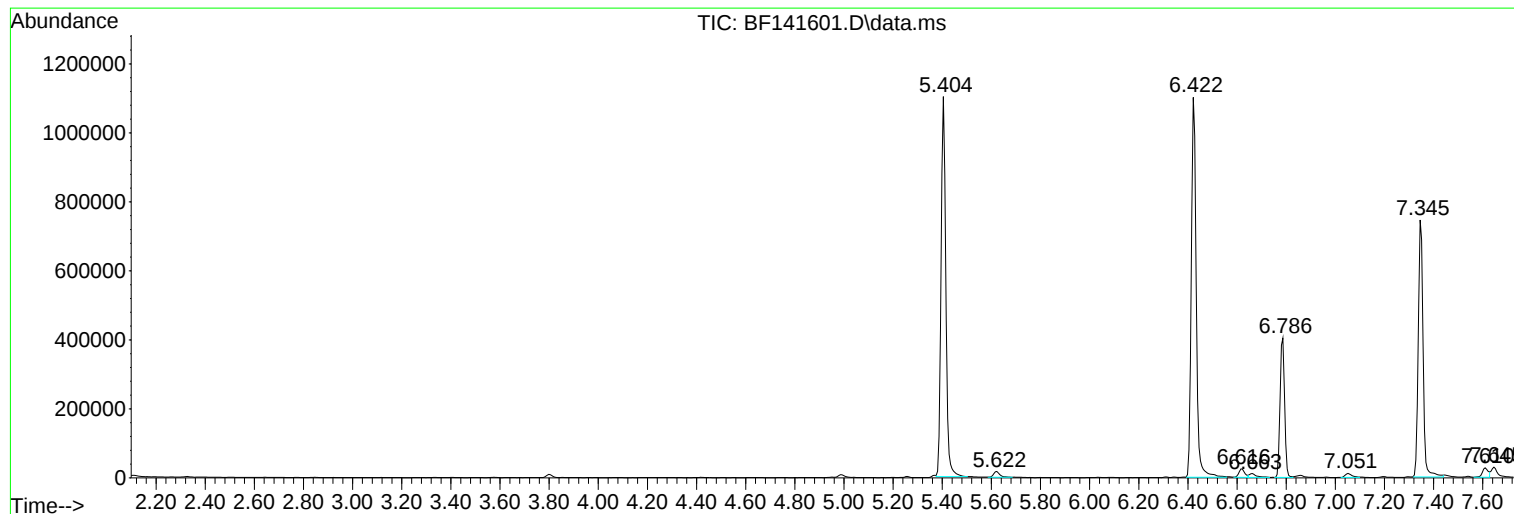
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ClientSampleId :
HAR-ROLLOFFS

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Instrument :
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ClientSampleId :
HAR-ROLLOFFS

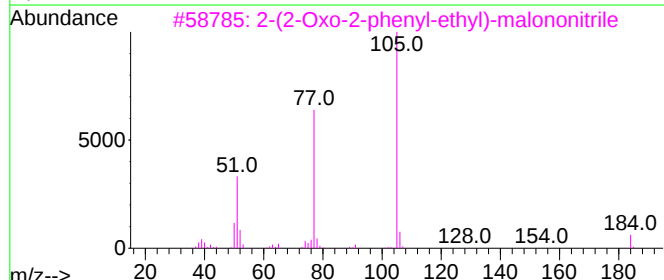
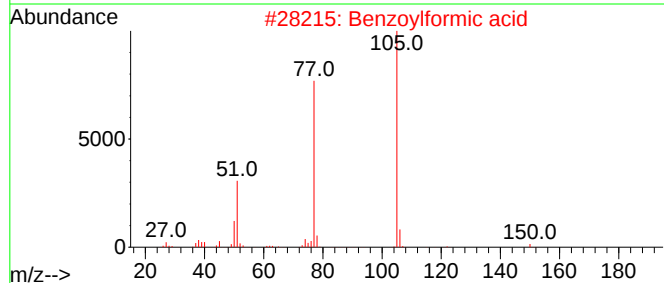
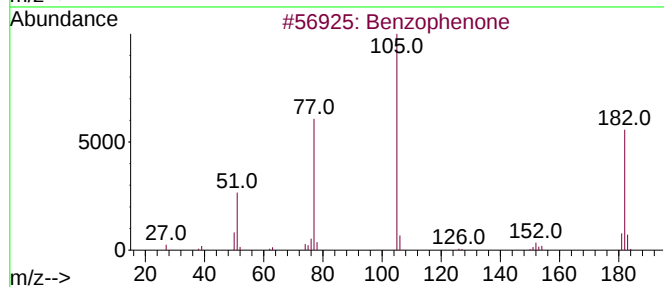
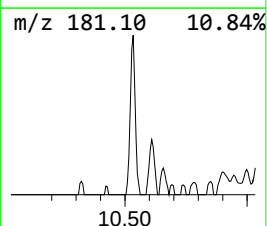
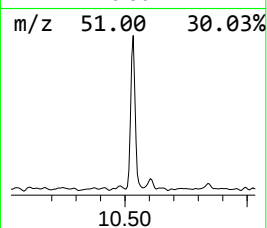
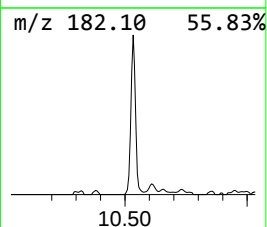
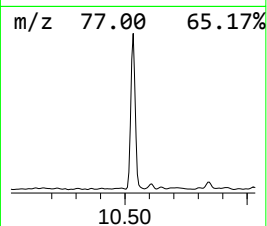
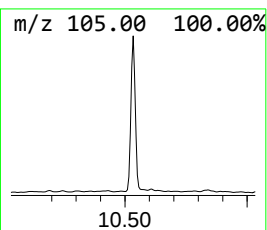
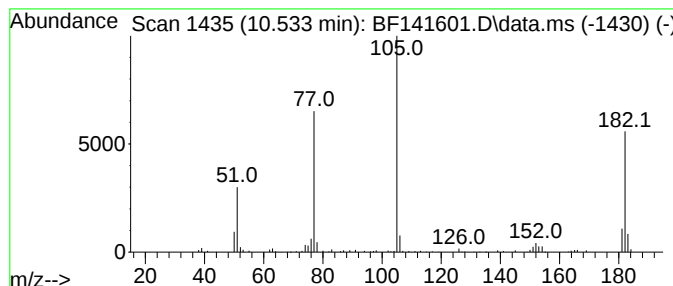
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.533	3.80 ng	138714	Acenaphthene-d10	9.822

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Benzoylformic acid	150	C8H6O3	000611-73-4	49
3			2-(2-Oxo-2-phenyl-ethyl)-malononitrile	184	C11H8N2O	1000296-76-9	47
4			5-Oxo-5-phenylpentanenitrile	173	C11H11NO	1000486-83-7	47
5			Benzilic acid	228	C14H12O3	000076-93-7	47



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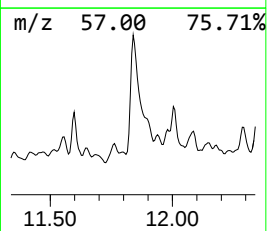
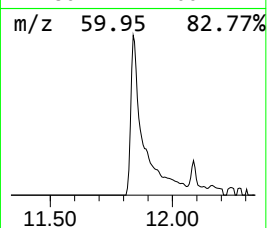
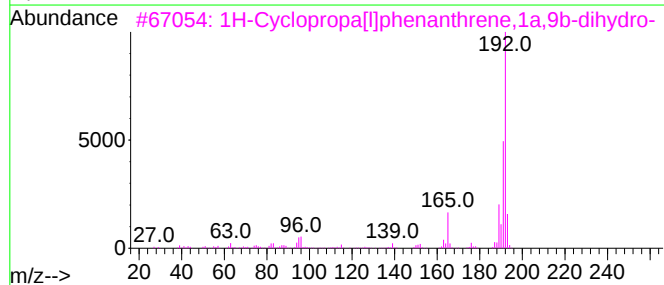
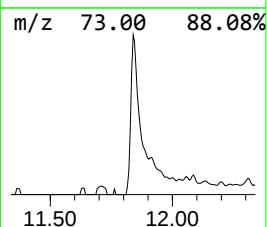
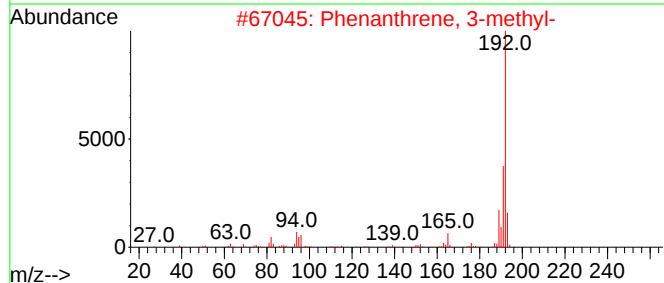
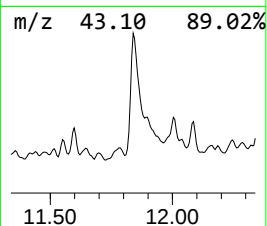
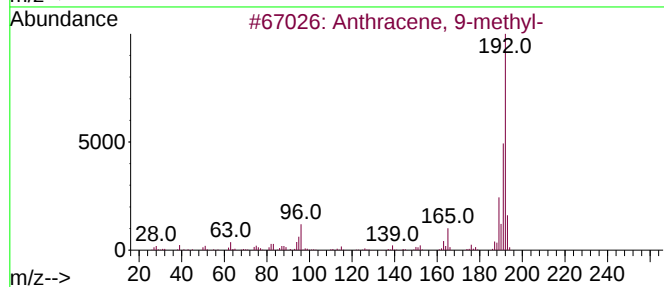
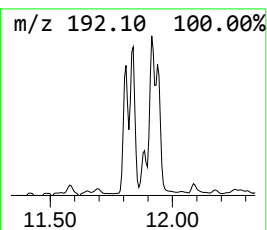
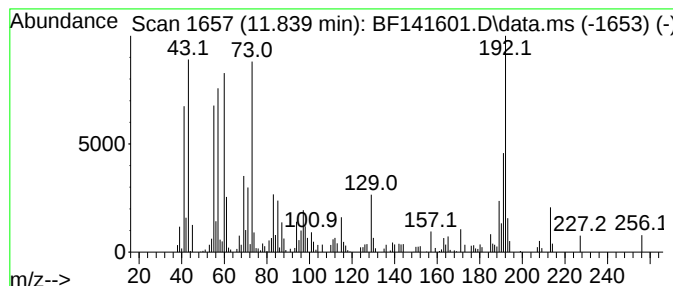
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.839	2.71 ng	104738	Phenanthrene-d10	11.304

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 9-methyl-	192	C15H12	000779-02-2	92
2		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	74
3		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	55
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	55
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	55



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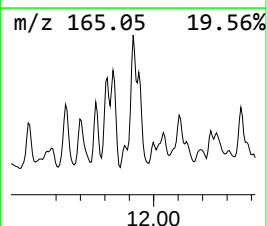
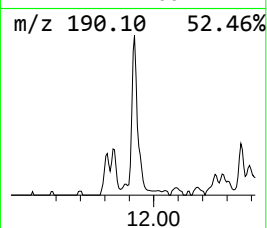
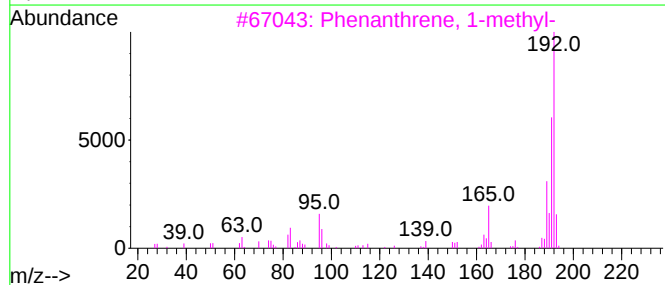
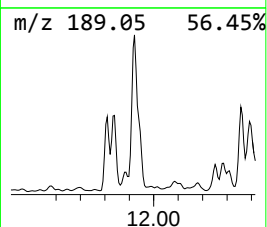
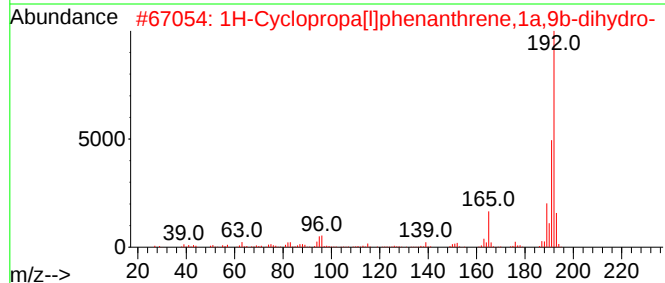
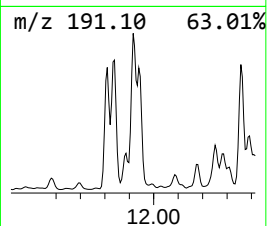
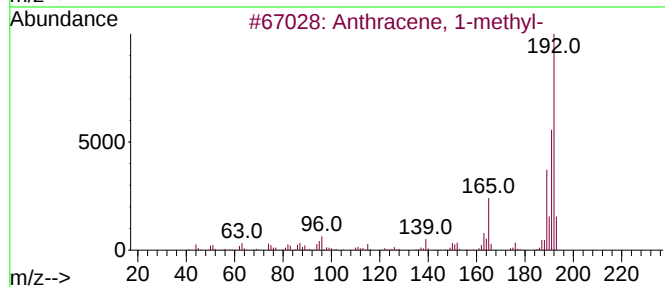
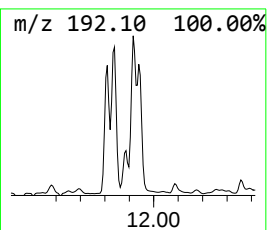
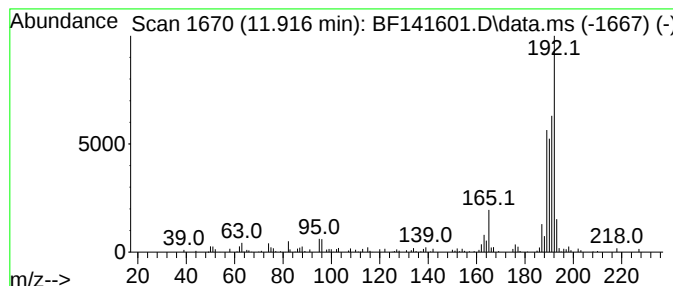
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	3.69 ng	142438	Phenanthrene-d10	11.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1-methyl-	192	C15H12	000610-48-0	78
2			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	64
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	60
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	58



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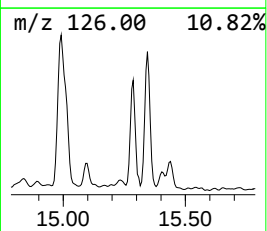
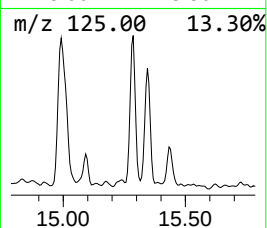
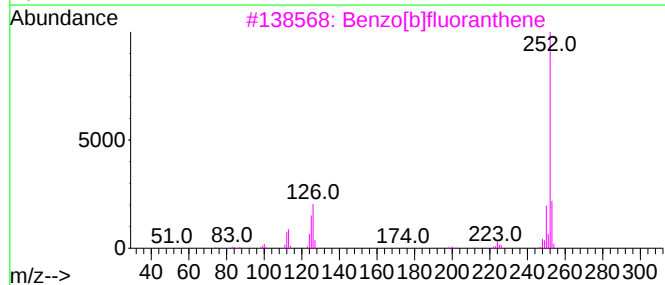
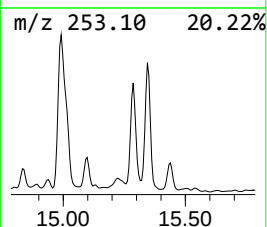
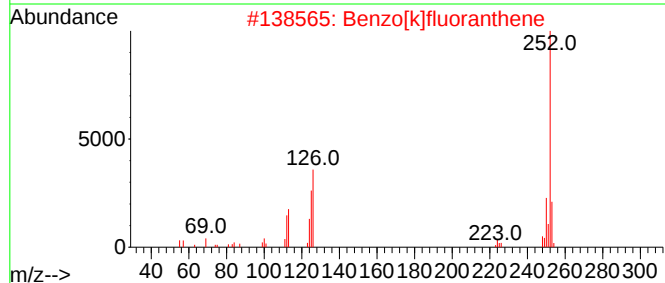
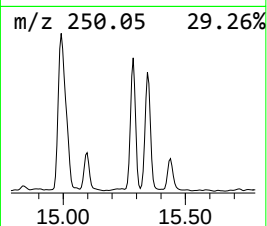
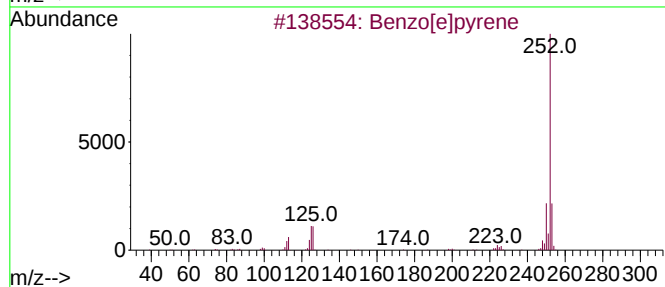
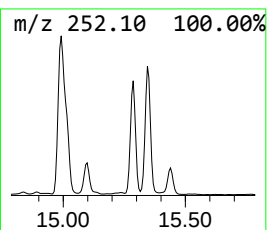
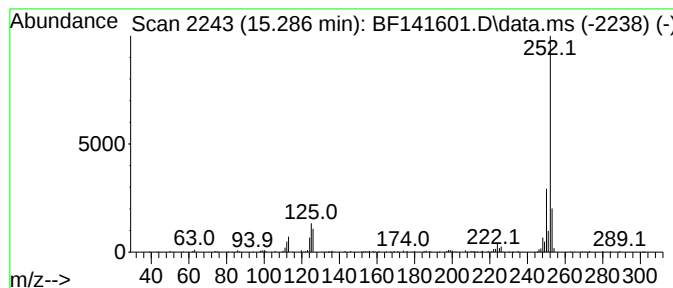
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.286	5.56 ng	132213	Perylene-d12	15.410

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
4			Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
5			Benzo[a]pyrene	252	C20H12	000050-32-8	91



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ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HAR-ROLLOFFS

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzophenone	10.533	3.8	ng	138714	3	9.822	729419	20.0
Anthracene, 9-m...	11.839	2.7	ng	104738	4	11.304	772693	20.0
Anthracene, 1-m...	11.916	3.7	ng	142438	4	11.304	772693	20.0
Benzo[e]pyrene	15.286	5.6	ng	132213	6	15.410	475908	20.0