

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
 Data File : BF127244.D
 Acq On : 08 Mar 2022 02:47
 Operator : CG\JU
 Sample : N1806-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUM-23

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-BF021622.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF127244.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.504	542	547	550	rBV	2534050	2304774	83.13%	9.835%
2	6.510	713	718	721	rBV	2322758	2355919	84.97%	10.053%
3	6.875	777	780	784	rBV	648290	551535	19.89%	2.354%
4	7.445	872	877	880	rBV	1741621	1606493	57.94%	6.855%
5	8.163	995	999	1002	rBV	825182	748994	27.01%	3.196%
6	9.239	1177	1182	1185	rBV	3283828	2772629	100.00%	11.831%
7	9.922	1294	1298	1301	rBV	881236	764910	27.59%	3.264%
8	9.951	1301	1303	1306	rVB	94913	68077	2.46%	0.290%
9	10.469	1387	1391	1395	rBV	65740	63160	2.28%	0.270%
10	10.622	1414	1417	1425	rVB	35448	35813	1.29%	0.153%
11	10.710	1428	1432	1436	rBV	1871178	1708911	61.64%	7.292%
12	11.016	1478	1484	1487	rBV3	32182	40820	1.47%	0.174%
13	11.216	1515	1518	1522	rVV	44150	37477	1.35%	0.160%
14	11.257	1522	1525	1528	rVV3	29936	35683	1.29%	0.152%
15	11.304	1531	1533	1538	rVB	42081	39024	1.41%	0.167%
16	11.410	1547	1551	1553	rBV	809712	691034	24.92%	2.949%
17	11.433	1553	1555	1559	rVV	863322	706253	25.47%	3.014%
18	11.486	1559	1564	1567	rVV	184989	147225	5.31%	0.628%
19	11.645	1586	1591	1596	rBV2	36340	52712	1.90%	0.225%
20	11.910	1631	1636	1638	rBV	104048	98727	3.56%	0.421%
21	11.939	1638	1641	1644	rVV	143897	137686	4.97%	0.588%
22	11.986	1644	1649	1652	rVV	49165	48201	1.74%	0.206%
23	12.027	1652	1656	1658	rVV2	158867	172819	6.23%	0.737%
24	12.045	1658	1659	1664	rVB	65192	46989	1.69%	0.201%
25	12.210	1684	1687	1689	rBV	76316	60978	2.20%	0.260%
26	12.239	1689	1692	1695	rVB	63961	59462	2.14%	0.254%
27	12.463	1724	1730	1732	rBV	49369	54592	1.97%	0.233%
28	12.551	1742	1745	1750	rBV2	53320	56683	2.04%	0.242%
29	12.627	1754	1758	1762	rBV	1143421	933081	33.65%	3.982%
30	12.857	1791	1797	1802	rBV	799612	840915	30.33%	3.588%
31	12.904	1802	1805	1809	rVB2	44594	43436	1.57%	0.185%
32	12.998	1814	1821	1824	rBV	2154106	1801810	64.99%	7.689%
33	13.069	1829	1833	1838	rBV3	46738	85581	3.09%	0.365%
34	13.157	1845	1848	1850	rBV3	40393	49706	1.79%	0.212%
35	13.186	1850	1853	1856	rVB	88750	83236	3.00%	0.355%
36	13.251	1861	1864	1866	rVB	54203	40727	1.47%	0.174%

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Start Thrs: 0.2

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Stop Thrs : 0

Peak Location: TOP

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37	13.286	1866	1870	1873	rBV2	60888	76012	2.74%	0.324%
38	13.416	1889	1892	1894	rBV3	32477	32747	1.18%	0.140%
39	13.692	1936	1939	1944	rVB	68766	64569	2.33%	0.276%
40	13.804	1954	1958	1961	rBV2	72876	85147	3.07%	0.363%
41	13.833	1961	1963	1965	rBV	55786	49233	1.78%	0.210%
42	13.904	1973	1975	1976	rBV	56834	42518	1.53%	0.181%
43	13.974	1982	1987	1991	rBV4	42125	97291	3.51%	0.415%
44	14.021	1993	1995	1997	rVV2	70083	84671	3.05%	0.361%
45	14.057	1997	2001	2004	rVV2	646680	922250	33.26%	3.935%
46	14.080	2004	2005	2011	rVV	314300	279667	10.09%	1.193%
47	14.163	2013	2019	2021	rVV2	59086	65898	2.38%	0.281%
48	14.445	2062	2067	2069	rBV	60906	64415	2.32%	0.275%
49	14.474	2069	2072	2075	rBV3	31450	34332	1.24%	0.147%
50	14.951	2148	2153	2154	rBV2	24246	35244	1.27%	0.150%
51	15.110	2175	2180	2183	rBV	318117	476124	17.17%	2.032%
52	15.216	2195	2198	2202	rBV	54151	62187	2.24%	0.265%
53	15.310	2211	2214	2217	rBV4	22995	38057	1.37%	0.162%
54	15.421	2229	2233	2239	rVB	173176	227051	8.19%	0.969%
55	15.486	2239	2244	2249	rVB	251709	318959	11.50%	1.361%
56	15.551	2249	2255	2258	rBV	402527	518182	18.69%	2.211%
57	15.580	2258	2260	2266	rVB2	86565	107081	3.86%	0.457%
58	15.998	2327	2331	2335	rVB3	31299	44930	1.62%	0.192%
59	17.051	2505	2510	2517	rBV2	101892	201558	7.27%	0.860%
60	17.515	2583	2589	2599	rVB	74112	160301	5.78%	0.684%

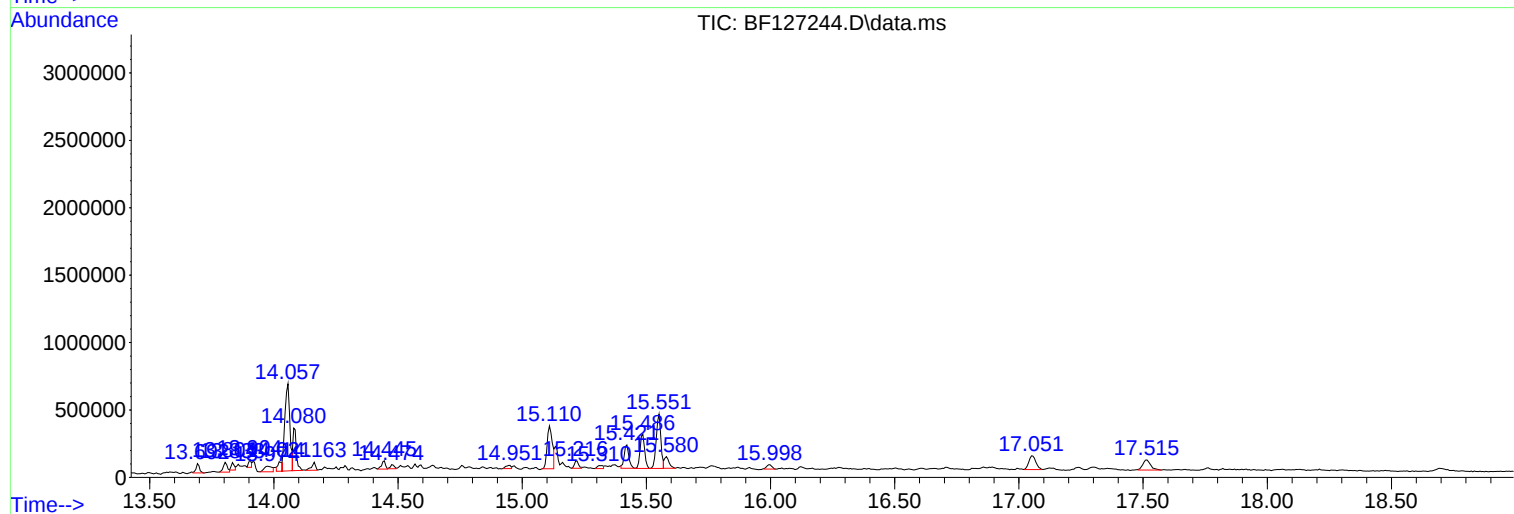
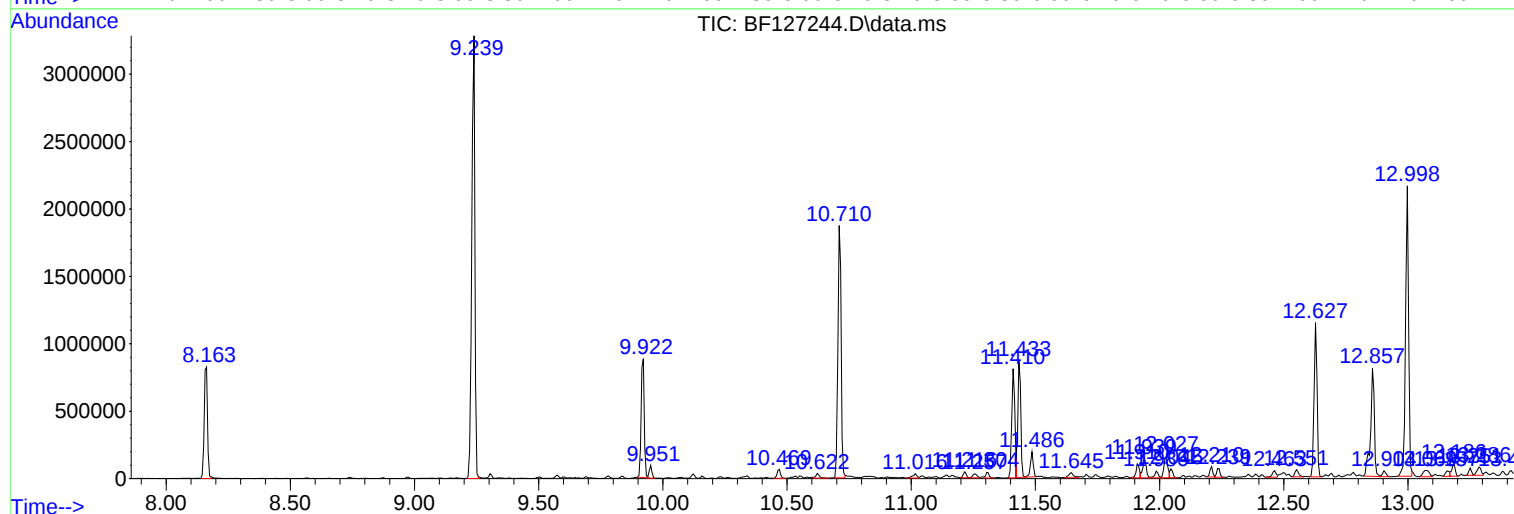
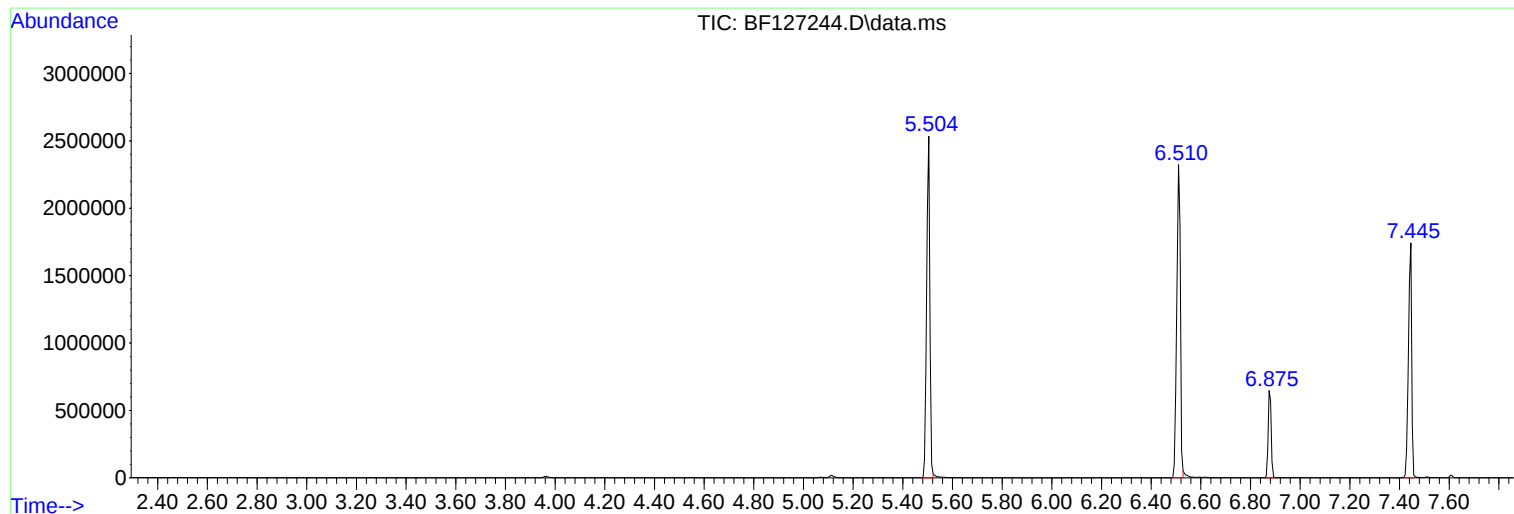
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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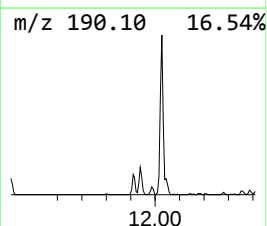
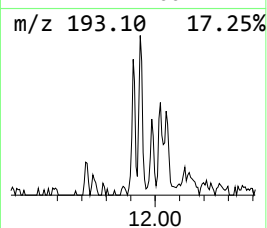
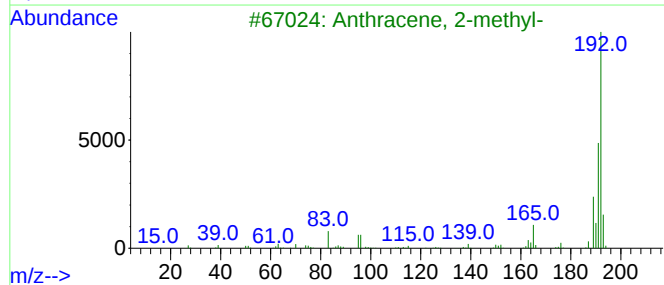
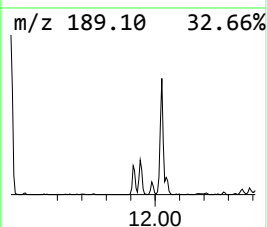
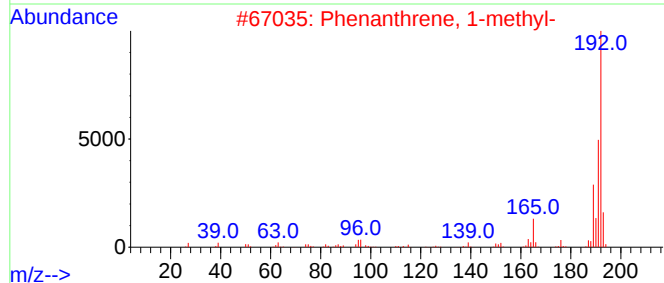
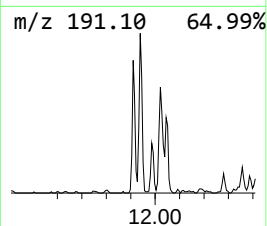
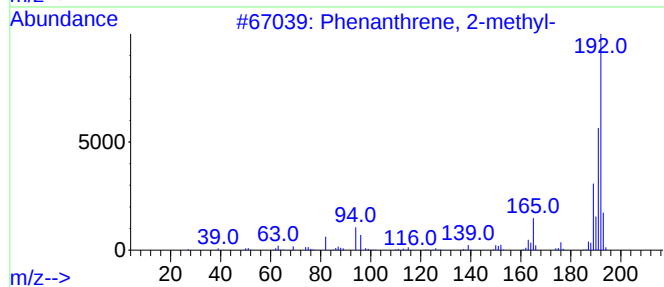
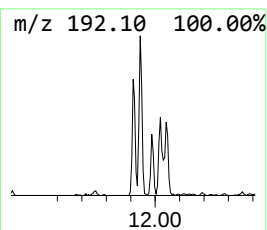
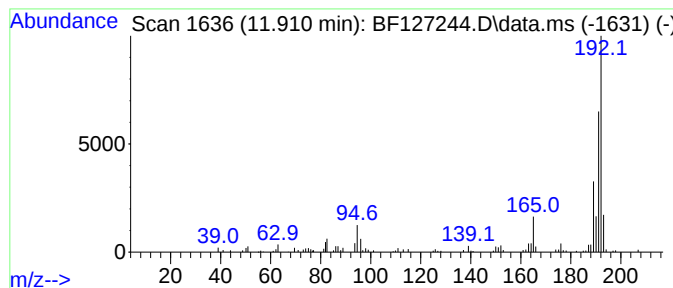
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	2.86 ng	98727	Phenanthrene-d10	11.410

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93



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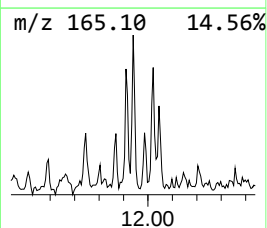
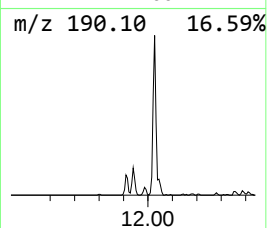
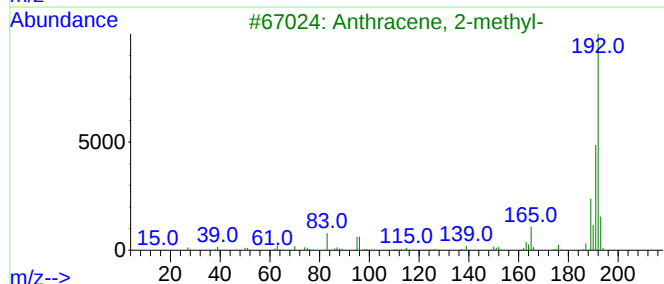
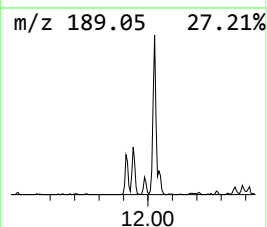
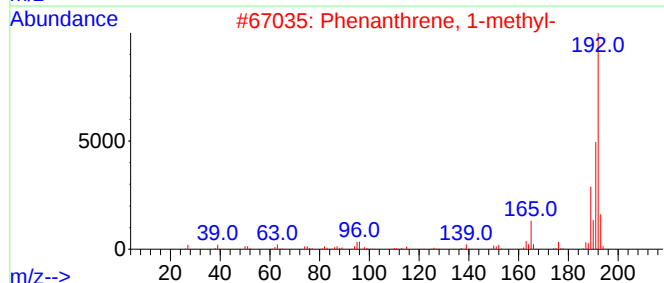
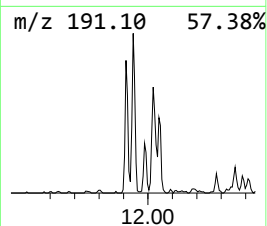
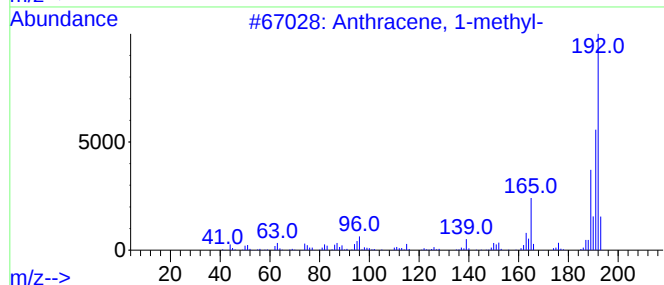
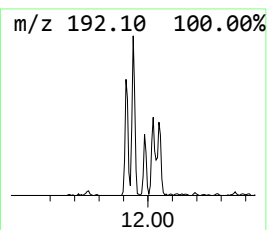
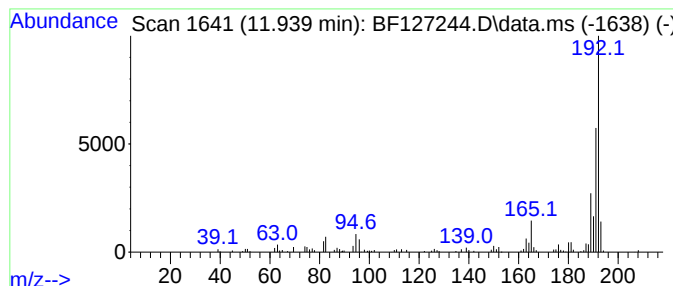
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Anthracene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	3.98 ng	137686	Phenanthrene-d10	11.410

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
4		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	91
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91



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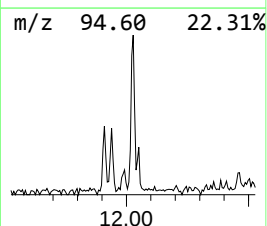
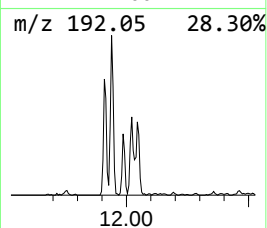
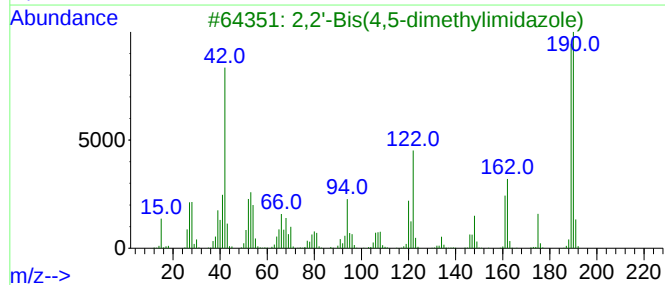
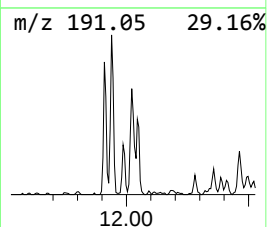
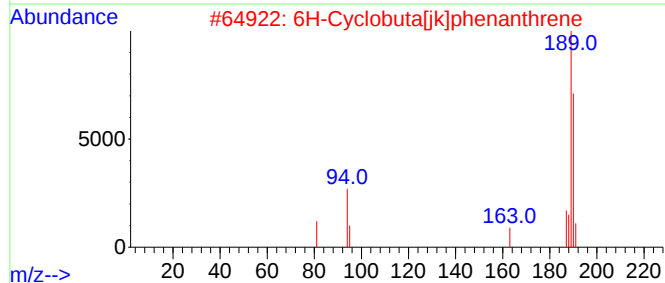
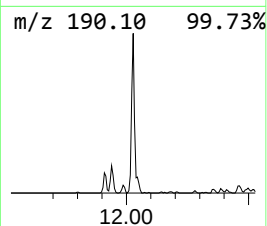
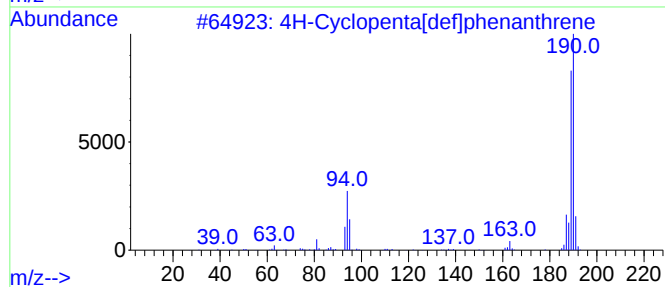
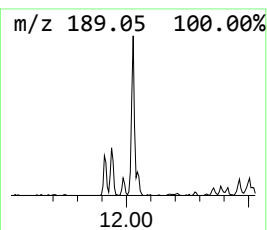
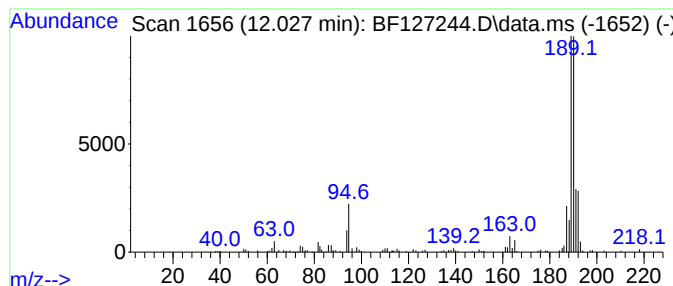
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.028	5.00 ng	172819	Phenanthrene-d10	11.410

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
4			1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25
5			Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	22



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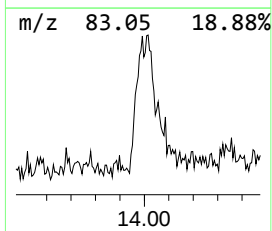
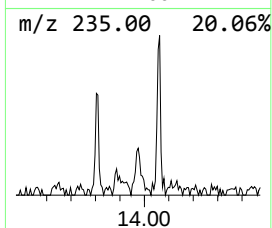
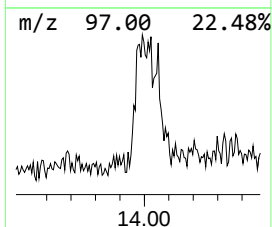
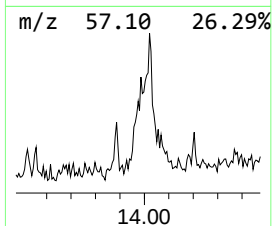
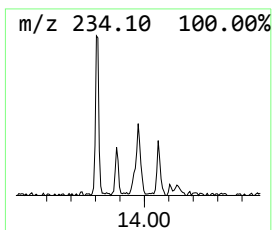
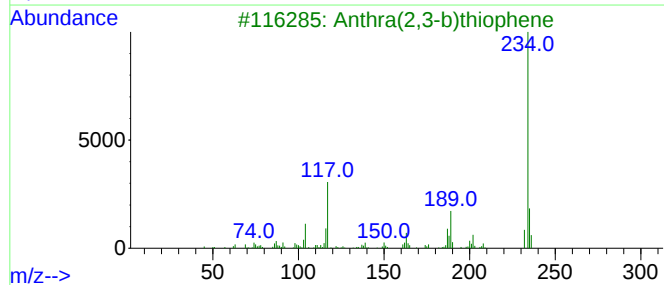
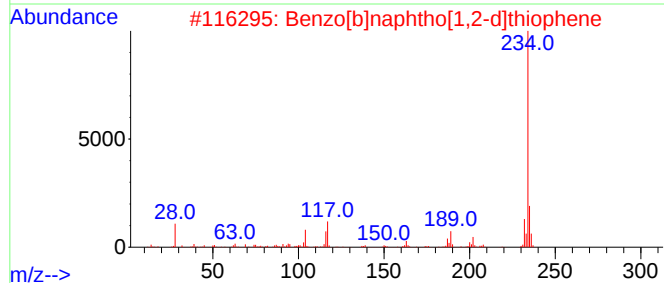
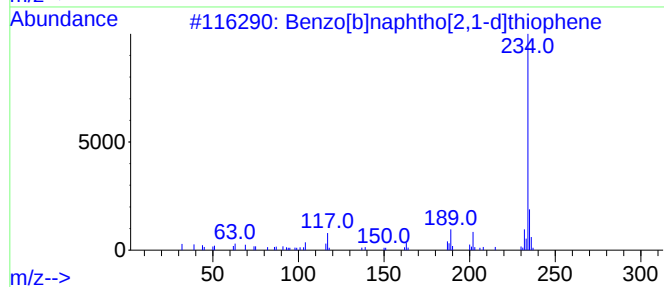
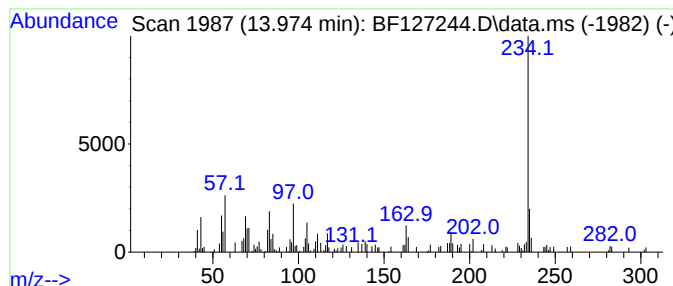
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.974	2.11 ng	97291	Chrysene-d12	14.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	89
2			Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	76
3			Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	76
4			Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	76
5			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	68



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ClientSampleId :
DUM-23

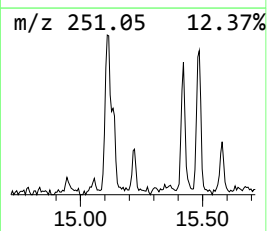
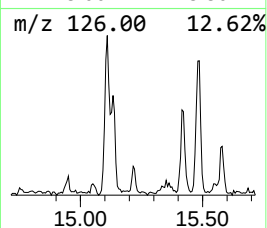
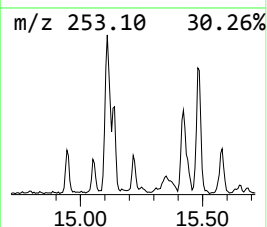
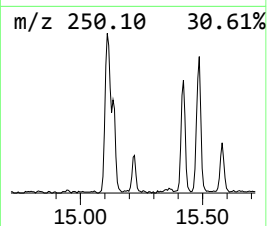
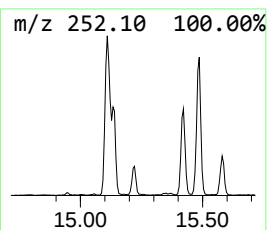
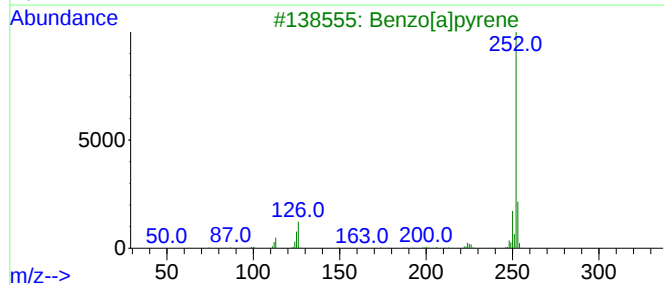
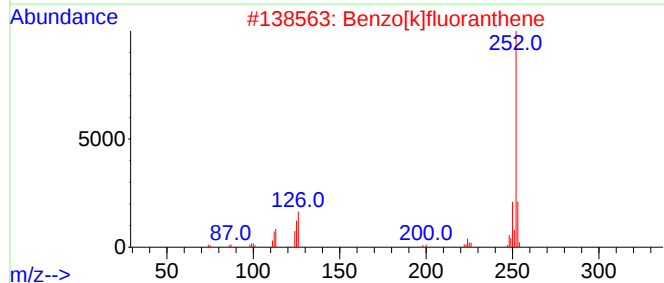
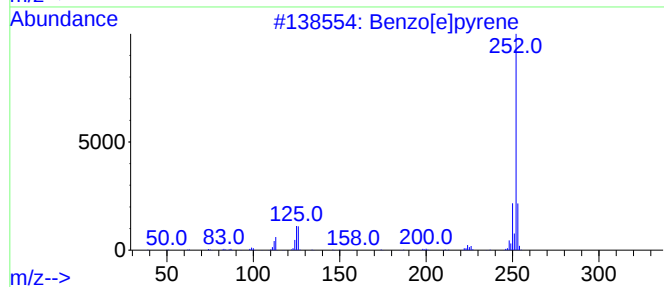
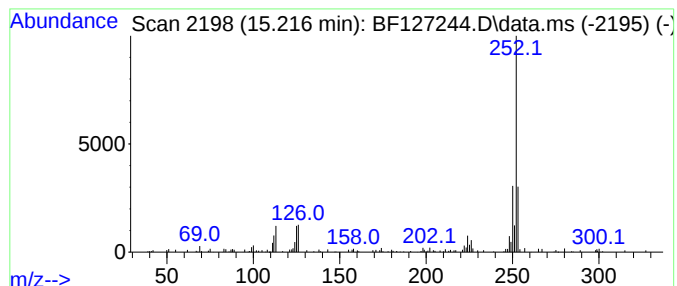
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.216	2.40 ng	62187	Perylene-d12	15.551

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	91
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
3			Benzo[a]pyrene	252	C20H12	000050-32-8	83
4			Perylene	252	C20H12	000198-55-0	81
5			Benzo[b]fluoranthene	252	C20H12	000205-99-2	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
Data File : BF127244.D
Acq On : 08 Mar 2022 02:47
Operator : CG\JU
Sample : N1806-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUM-23

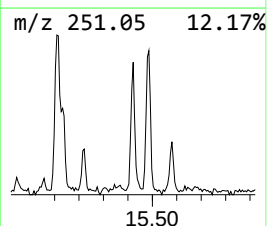
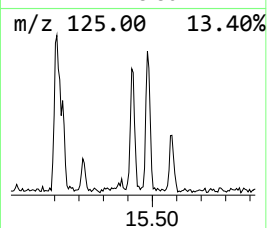
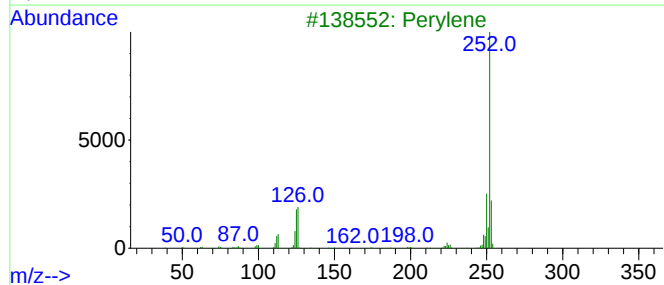
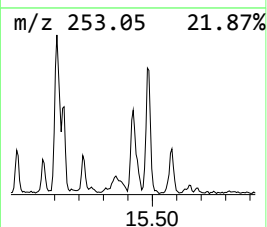
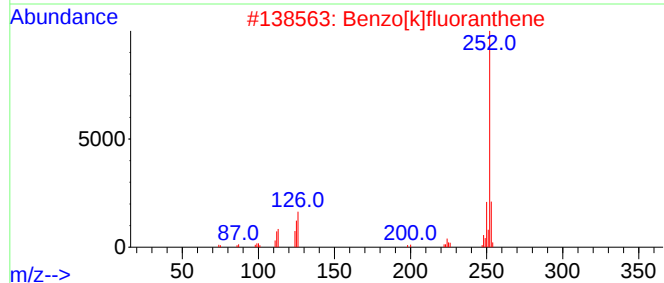
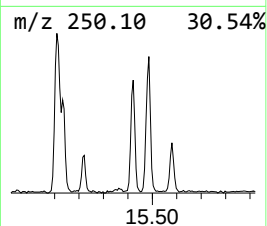
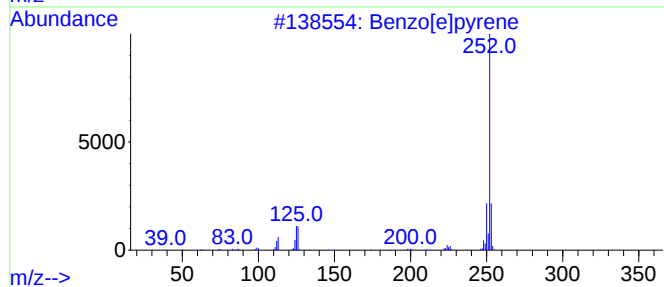
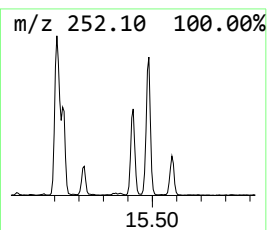
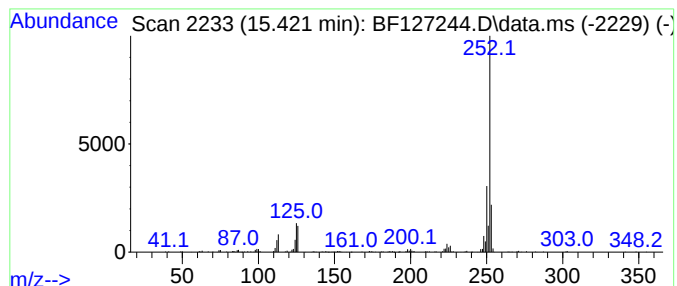
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.421	8.76 ng	227051	Perylene-d12	15.551

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	97
3			Perylene	252	C20H12	000198-55-0	95
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5			Benzo[a]pyrene	252	C20H12	000050-32-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
Data File : BF127244.D
Acq On : 08 Mar 2022 02:47
Operator : CG\JU
Sample : N1806-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUM-23

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Phenanthrene, 2...	11.910	2.9	ng	98727	4	11.410	691034	20.0
Anthracene, 1-m...	11.939	4.0	ng	137686	4	11.410	691034	20.0
4H-Cyclopenta[d...	12.028	5.0	ng	172819	4	11.410	691034	20.0
Benzo[b]naphtho...	13.974	2.1	ng	97291	5	14.057	922250	20.0
Benzo[e]pyrene	15.216	2.4	ng	62187	6	15.551	518182	20.0
Perylene	15.421	8.8	ng	227051	6	15.551	518182	20.0