

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041522\
 Data File : BF127815.D
 Acq On : 15 Apr 2022 20:50
 Operator : CG\JU
 Sample : N2390-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-1-041422

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-BF040622.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF127815.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.069	298	303	307	rVB	14809	17810	1.26%	0.100%
2	5.563	553	557	560	rBV	542417	488227	34.55%	2.748%
3	6.563	723	727	738	rBV	607876	485905	34.38%	2.735%
4	6.951	789	793	796	rVB	1138673	1008988	71.39%	5.680%
5	7.504	883	887	891	rBV	375085	311848	22.07%	1.756%
6	8.234	1007	1011	1014	rBV	1473101	1198790	84.82%	6.749%
7	8.945	1128	1132	1135	rBV	88640	65951	4.67%	0.371%
8	9.045	1145	1149	1152	rBV	77018	61278	4.34%	0.345%
9	9.304	1189	1193	1197	rBV	760245	575627	40.73%	3.240%
10	9.381	1200	1206	1208	rBV2	12790	15734	1.11%	0.089%
11	9.504	1224	1227	1232	rVB	17997	19019	1.35%	0.107%
12	9.569	1234	1238	1243	rBV	40107	53538	3.79%	0.301%
13	9.645	1247	1251	1254	rBV	64490	66024	4.67%	0.372%
14	9.675	1254	1256	1258	rVB	32681	25278	1.79%	0.142%
15	9.763	1268	1271	1276	rBV	34815	39932	2.83%	0.225%
16	9.851	1283	1286	1289	rBV2	38949	35431	2.51%	0.199%
17	9.910	1291	1296	1300	rVB	13908	18231	1.29%	0.103%
18	9.992	1306	1310	1313	rVB	1429102	1158949	82.00%	6.524%
19	10.022	1313	1315	1319	rVB	149560	113922	8.06%	0.641%
20	10.092	1323	1327	1331	rBV2	17218	22235	1.57%	0.125%
21	10.145	1331	1336	1338	rBV3	11421	18076	1.28%	0.102%
22	10.192	1341	1344	1348	rVV2	91799	82113	5.81%	0.462%
23	10.228	1348	1350	1354	rVB	31065	23510	1.66%	0.132%
24	10.304	1359	1363	1366	rBV2	27919	31652	2.24%	0.178%
25	10.333	1366	1368	1374	rVB2	24578	19903	1.41%	0.112%
26	10.410	1374	1381	1384	rVB5	27690	46955	3.32%	0.264%
27	10.539	1399	1403	1409	rVB	180378	154917	10.96%	0.872%
28	10.628	1416	1418	1420	rVB	28877	22527	1.59%	0.127%
29	10.692	1424	1429	1433	rVB2	39041	48860	3.46%	0.275%
30	10.775	1440	1443	1447	rVB	357225	317009	22.43%	1.785%
31	10.898	1458	1464	1470	rVB3	31066	56777	4.02%	0.320%
32	11.086	1491	1496	1498	rBV2	43327	51626	3.65%	0.291%
33	11.116	1498	1501	1504	rVV2	26766	29237	2.07%	0.165%
34	11.169	1507	1510	1513	rVB2	24609	21988	1.56%	0.124%
35	11.210	1513	1517	1519	rBV5	19415	23432	1.66%	0.132%
36	11.239	1519	1522	1526	rVV2	21175	26220	1.86%	0.148%

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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 >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.280	1527	1529	1532	rVB3	20845	20082	1.42%	0.113%
38	11.328	1532	1537	1540	rBV5	27652	37323	2.64%	0.210%
39	11.375	1540	1545	1551	rVB2	55847	74862	5.30%	0.421%
40	11.480	1560	1563	1566	rBV	1197508	1181402	83.59%	6.651%
41	11.504	1566	1567	1571	rVV	828422	654804	46.33%	3.686%
42	11.557	1573	1576	1579	rVV	292186	225935	15.99%	1.272%
43	11.586	1579	1581	1584	rVV2	21943	22811	1.61%	0.128%
44	11.639	1587	1590	1595	rBV6	13635	18200	1.29%	0.102%
45	11.710	1599	1602	1605	rBV	62053	54808	3.88%	0.309%
46	11.810	1617	1619	1624	rVB2	27714	29957	2.12%	0.169%
47	11.898	1631	1634	1636	rBV	17749	16234	1.15%	0.091%
48	11.986	1645	1649	1652	rBV2	235189	355623	25.16%	2.002%
49	12.010	1652	1653	1657	rVV	187213	143197	10.13%	0.806%
50	12.057	1658	1661	1664	rVV	71132	71182	5.04%	0.401%
51	12.098	1664	1668	1670	rVV	230293	237309	16.79%	1.336%
52	12.116	1670	1671	1675	rVB	82858	64539	4.57%	0.363%
53	12.169	1677	1680	1682	rBV4	24771	27658	1.96%	0.156%
54	12.216	1685	1688	1691	rBV3	22826	22482	1.59%	0.127%
55	12.280	1696	1699	1701	rVV	93208	78320	5.54%	0.441%
56	12.304	1701	1703	1706	rVB2	28844	28741	2.03%	0.162%
57	12.410	1719	1721	1722	rBV2	20325	16383	1.16%	0.092%
58	12.457	1726	1729	1731	rVV2	43962	42697	3.02%	0.240%
59	12.480	1731	1733	1735	rVB2	28238	22963	1.62%	0.129%
60	12.533	1739	1742	1744	rBV	84259	83503	5.91%	0.470%
61	12.569	1744	1748	1750	rVV4	48514	77923	5.51%	0.439%
62	12.622	1754	1757	1761	rBV2	44533	65395	4.63%	0.368%
63	12.698	1766	1770	1774	rBV	1230686	1078157	76.29%	6.069%
64	12.851	1794	1796	1798	rVB	36143	25609	1.81%	0.144%
65	12.933	1803	1810	1815	rBV	952979	1133796	80.22%	6.383%
66	12.974	1815	1817	1822	rVB2	48415	57660	4.08%	0.325%
67	13.045	1827	1829	1830	rBV	53933	39304	2.78%	0.221%
68	13.069	1830	1833	1835	rVV	536995	418670	29.62%	2.357%
69	13.139	1842	1845	1850	rBV3	72188	120944	8.56%	0.681%
70	13.233	1858	1861	1862	rBV3	52556	56612	4.01%	0.319%
71	13.257	1862	1865	1867	rVB	172358	151110	10.69%	0.851%
72	13.322	1873	1876	1879	rBV	162993	129030	9.13%	0.726%
73	13.357	1879	1882	1885	rBV2	99844	114035	8.07%	0.642%
74	13.416	1890	1892	1895	rBV4	32297	37401	2.65%	0.211%
75	13.451	1896	1898	1901	rVB	54899	45158	3.20%	0.254%
76	13.486	1901	1904	1907	rBV2	70246	76015	5.38%	0.428%

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 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-BF040622.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.880	1969	1971	1973	rBV	56955	49133	3.48%	0.277%
78	13.904	1973	1975	1977	rVB	59868	43707	3.09%	0.246%
79	13.933	1977	1980	1983	rBV2	65021	86090	6.09%	0.485%
80	14.127	2008	2013	2016	rBV2	1155230	1413306	100.00%	7.956%
81	14.157	2016	2018	2024	rVB	409292	360848	25.53%	2.031%
82	14.233	2029	2031	2034	rVB	85671	74542	5.27%	0.420%
83	15.198	2191	2195	2198	rBV	248284	393397	27.84%	2.215%
84	15.515	2246	2249	2256	rVB	164596	205839	14.56%	1.159%
85	15.580	2257	2260	2267	rVV	255813	342766	24.25%	1.930%
86	15.651	2267	2272	2282	rVB	574721	878761	62.18%	4.947%

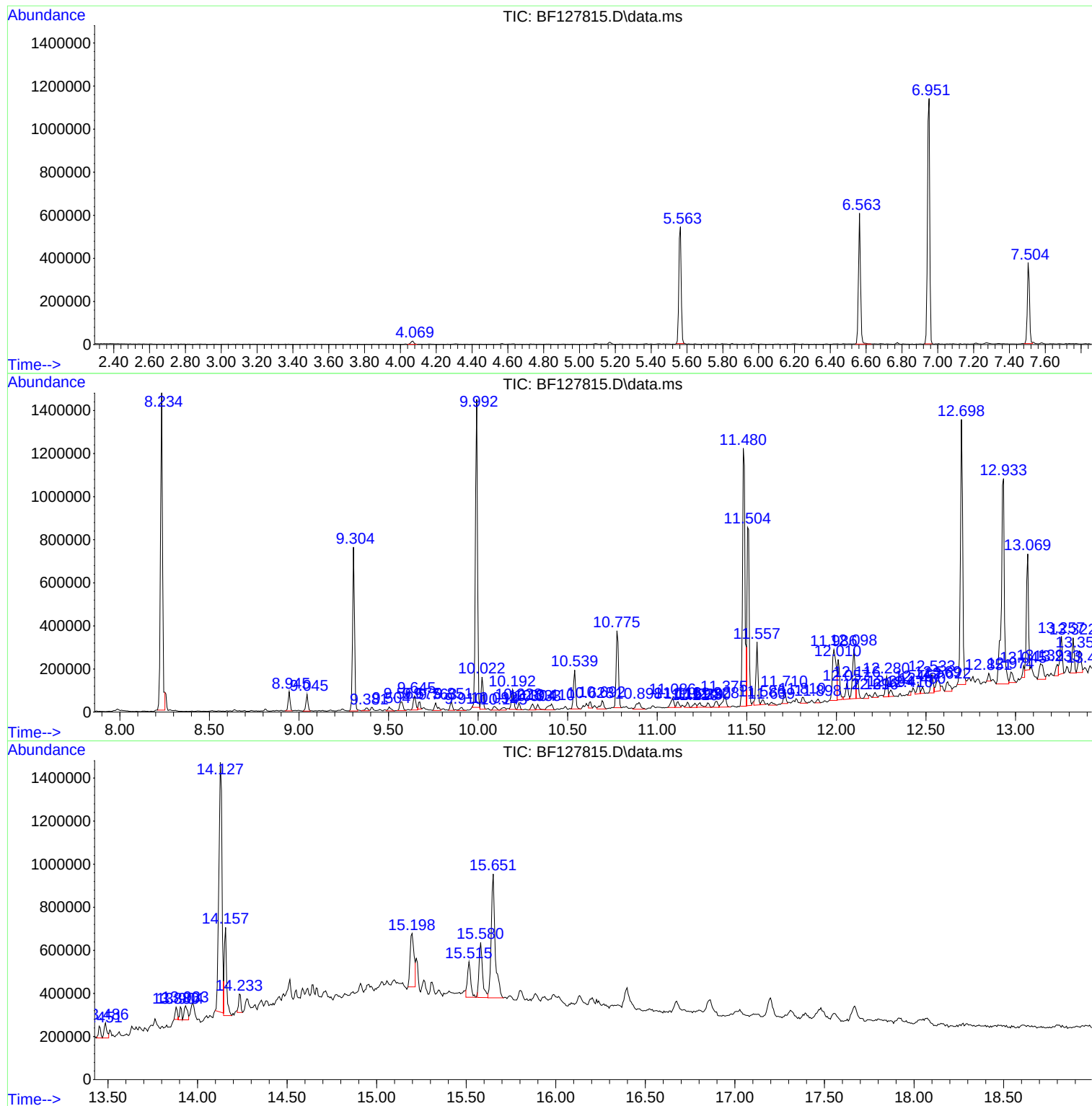
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041522\
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Instrument :
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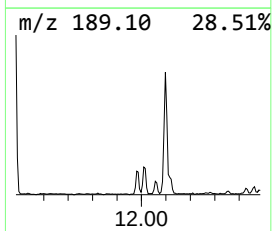
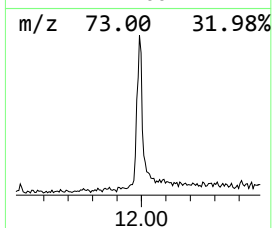
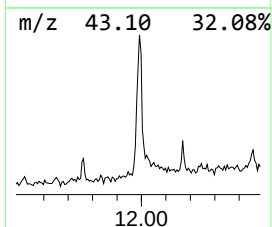
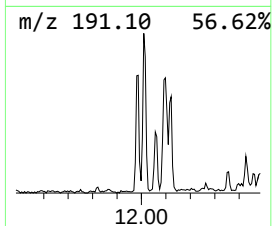
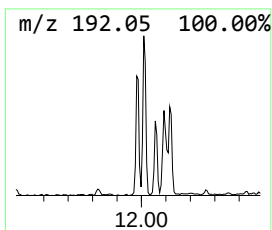
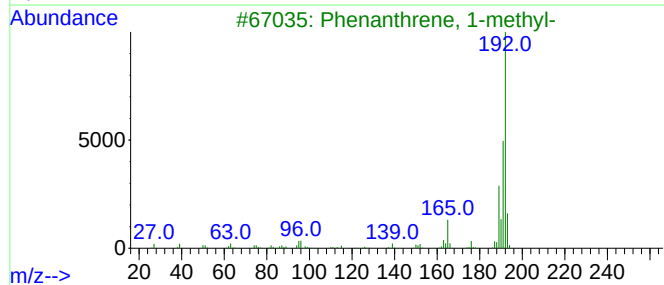
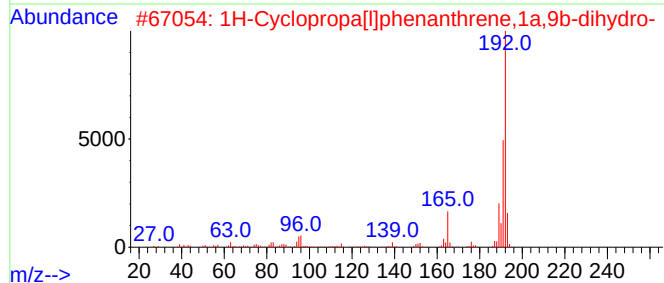
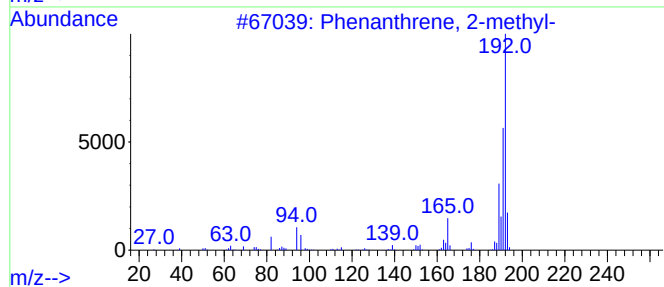
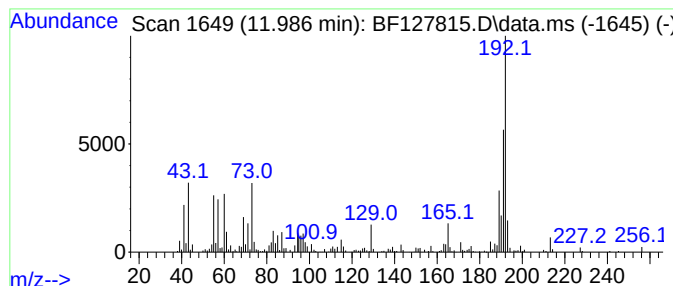
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.986	6.02 ng	355623	Phenanthrene-d10	11.480

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	97
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96



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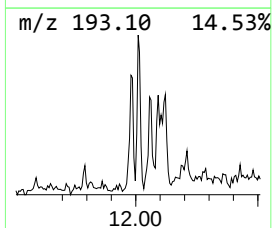
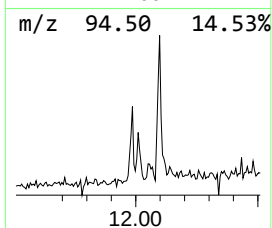
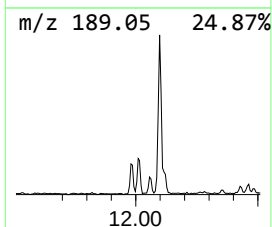
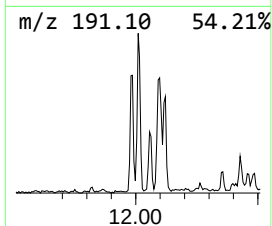
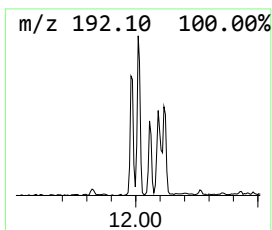
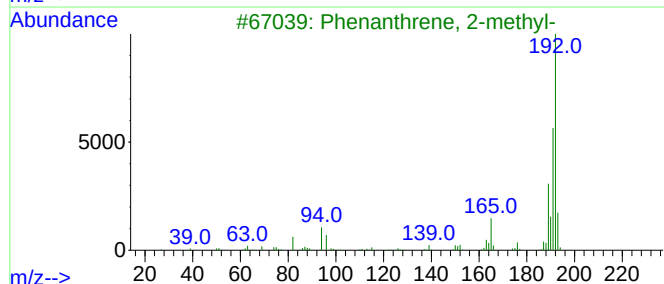
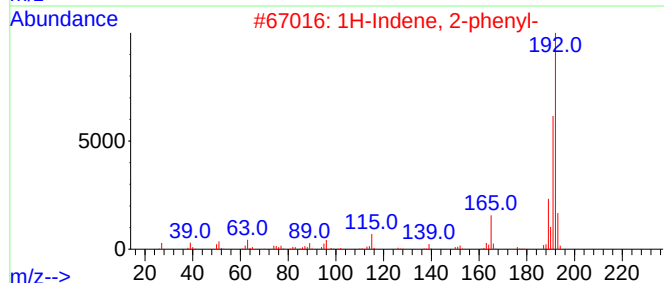
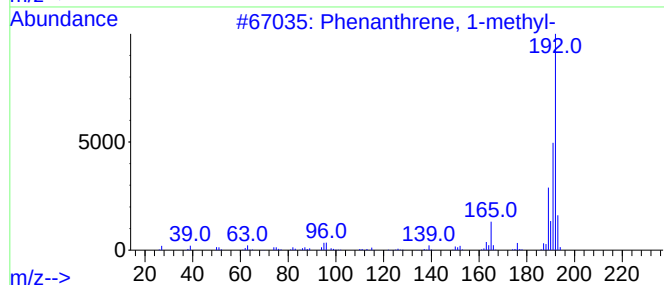
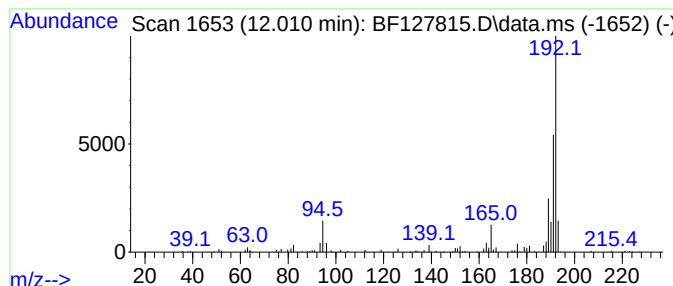
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	2.42 ng	143197	Phenanthrene-d10	11.480

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	92
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



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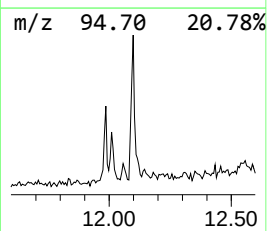
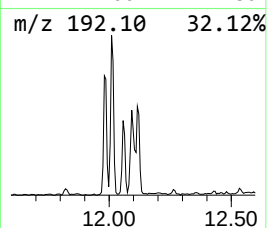
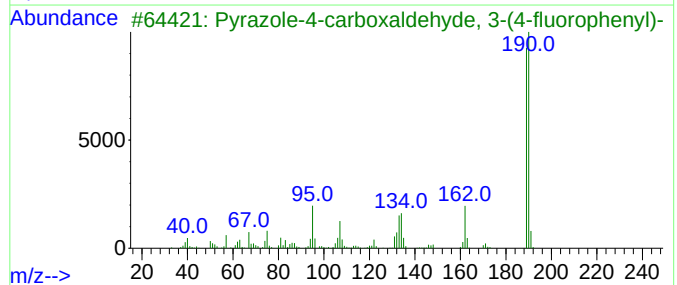
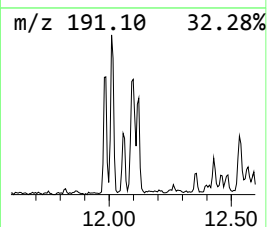
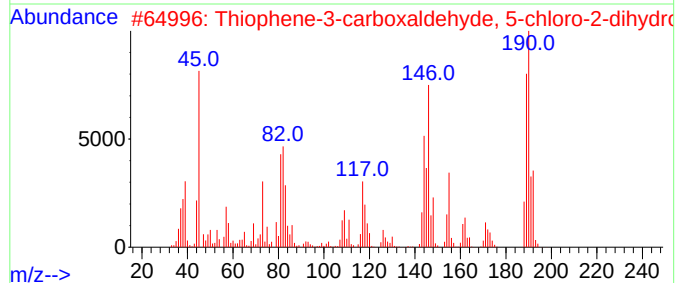
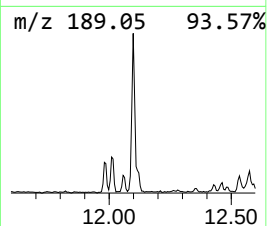
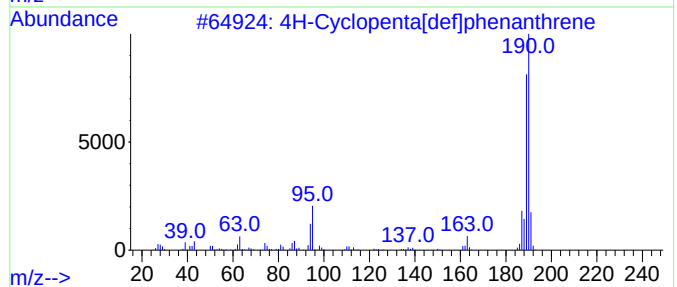
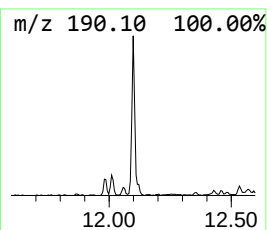
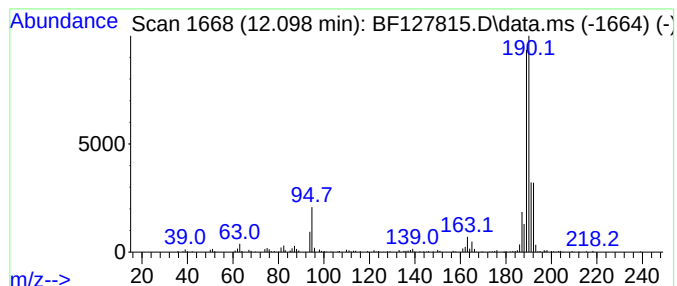
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.098	4.02 ng	237309	Phenanthrene-d10	11.480

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2			Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3			Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	53
4			2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	49
5			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40



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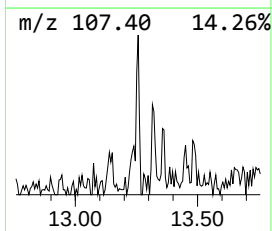
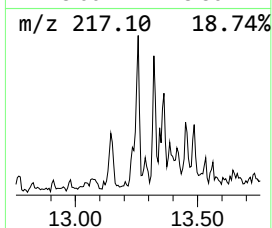
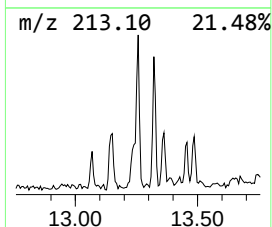
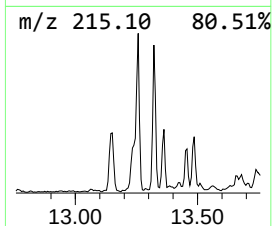
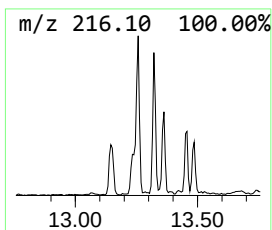
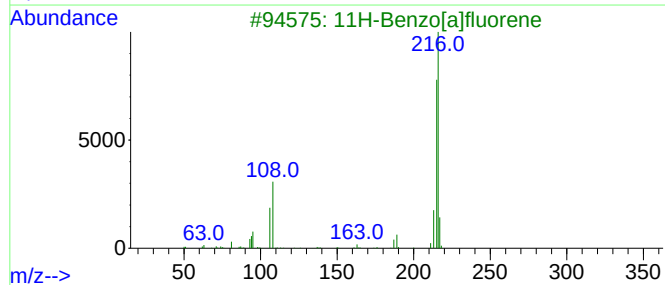
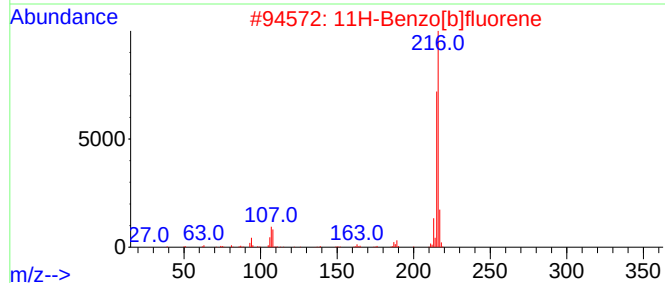
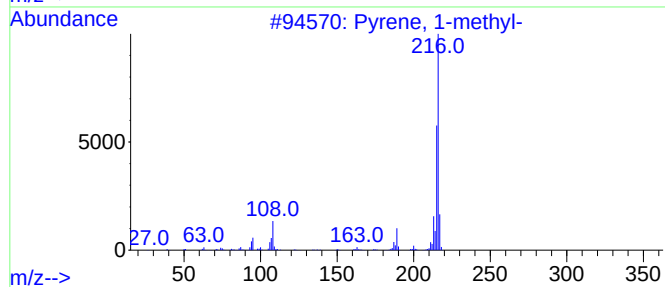
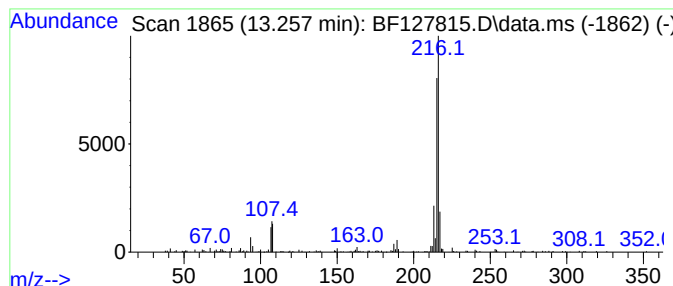
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Pyrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.257	2.14 ng	151110	Chrysene-d12	14.133

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
5			7-(1-Piperidinylmethyl)-8-quinol...	314	C18H26N2OSi	1000476-73-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041522\
Data File : BF127815.D
Acq On : 15 Apr 2022 20:50
Operator : CG\JU
Sample : N2390-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-1-041422

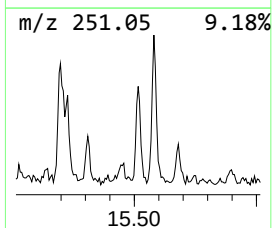
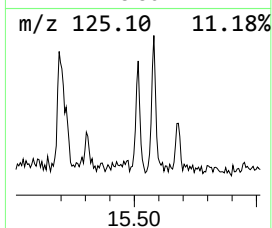
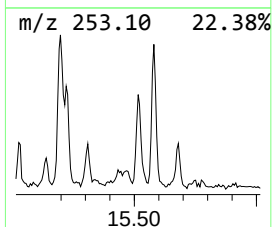
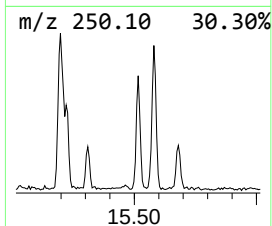
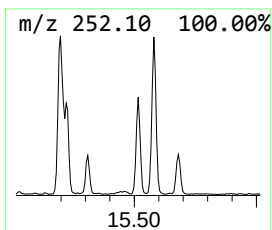
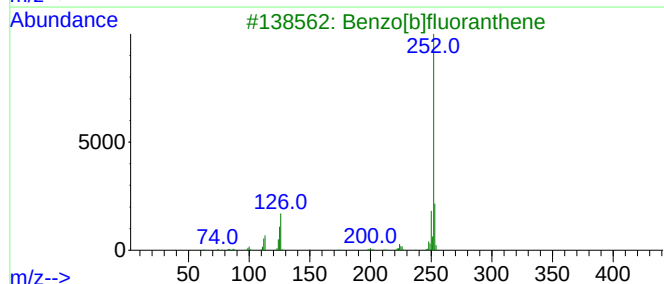
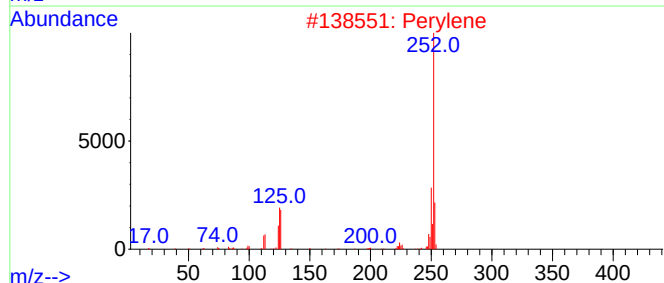
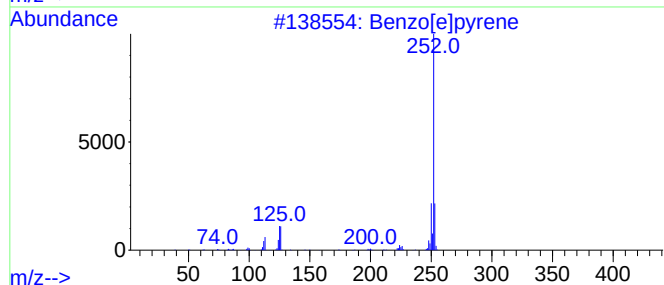
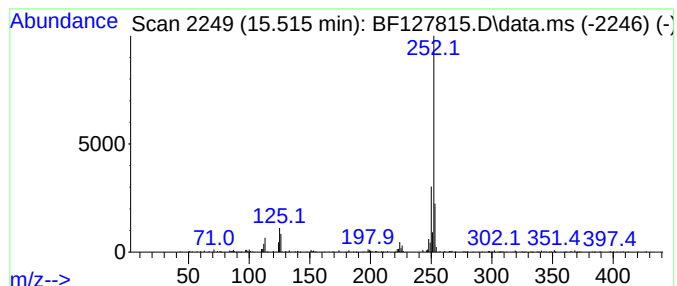
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.515	4.68 ng	205839	Perylene-d12	15.651

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	97
2			Perylene	252	C20H12	000198-55-0	93
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4			Benzo[a]pyrene	252	C20H12	000050-32-8	93
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041522\
Data File : BF127815.D
Acq On : 15 Apr 2022 20:50
Operator : CG\JU
Sample : N2390-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-1-041422

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.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
Phenanthrene, 2...	11.986	6.0	ng	355623	4	11.480	1181400	20.0
Phenanthrene, 1...	12.010	2.4	ng	143197	4	11.480	1181400	20.0
4H-Cyclopenta[d...	12.098	4.0	ng	237309	4	11.480	1181400	20.0
Pyrene, 1-methyl-	13.257	2.1	ng	151110	5	14.133	1413310	20.0
Benzo[e]pyrene	15.515	4.7	ng	205839	6	15.651	878761	20.0