

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022025\
 Data File : BF141706.D
 Acq On : 20 Feb 2025 16:35
 Operator : RC/JU
 Sample : Q1384-01 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-021823025

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: BF141706.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.399	557	562	585	rVB	178514	308764	34.99%	3.183%
2	6.422	731	736	756	rBV	181509	337118	38.21%	3.476%
3	6.610	763	768	776	rVB2	10106	15559	1.76%	0.160%
4	6.781	792	797	805	rBV	351265	476237	53.97%	4.910%
5	7.346	888	893	904	rVV	116643	208856	23.67%	2.153%
6	7.581	930	933	937	rVB2	7457	9370	1.06%	0.097%
7	8.063	1002	1015	1023	rBV	437488	692899	78.53%	7.144%
8	8.351	1059	1064	1070	rBV6	8796	17037	1.93%	0.176%
9	8.481	1083	1086	1092	rVB	11557	14908	1.69%	0.154%
10	8.569	1097	1101	1104	rBV2	7455	11289	1.28%	0.116%
11	8.651	1111	1115	1120	rBV	26041	35299	4.00%	0.364%
12	8.781	1134	1137	1143	rVB	17233	22625	2.56%	0.233%
13	8.875	1149	1153	1160	rVB2	22646	36124	4.09%	0.372%
14	9.010	1172	1176	1180	rVB4	5874	9121	1.03%	0.094%
15	9.081	1184	1188	1192	rVV2	11952	15741	1.78%	0.162%
16	9.134	1192	1197	1206	rVV	288363	392247	44.45%	4.044%
17	9.216	1206	1211	1220	rVV2	29057	50748	5.75%	0.523%
18	9.404	1238	1243	1248	rBV	13143	21334	2.42%	0.220%
19	9.475	1250	1255	1258	rVV	21892	35498	4.02%	0.366%
20	9.534	1262	1265	1268	rVV3	16409	23886	2.71%	0.246%
21	9.592	1272	1275	1280	rVB3	11130	14888	1.69%	0.153%
22	9.675	1285	1289	1293	rBV	12422	15907	1.80%	0.164%
23	9.745	1293	1301	1305	rBV	22622	34103	3.86%	0.352%
24	9.810	1307	1312	1316	rVV	497127	654756	74.21%	6.751%
25	9.845	1316	1318	1327	rVB	61173	76521	8.67%	0.789%
26	9.922	1327	1331	1336	rVB4	5797	8914	1.01%	0.092%
27	9.969	1336	1339	1342	rBV4	6550	9127	1.03%	0.094%
28	10.022	1342	1348	1352	rBV	32080	48582	5.51%	0.501%
29	10.063	1352	1355	1363	rVB5	14240	24173	2.74%	0.249%
30	10.134	1363	1367	1370	rBV4	8489	12367	1.40%	0.128%
31	10.239	1378	1385	1389	rBV3	24675	37537	4.25%	0.387%
32	10.363	1401	1406	1412	rBV	58317	88755	10.06%	0.915%
33	10.457	1418	1422	1428	rVB2	12408	22806	2.58%	0.235%
34	10.522	1428	1433	1440	rVB2	27064	45074	5.11%	0.465%
35	10.604	1442	1447	1460	rVB	127145	201042	22.78%	2.073%
36	10.716	1462	1466	1475	rVB2	27011	50054	5.67%	0.516%

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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-BF020625.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.910	1494	1499	1502	rBV2	13180	22725	2.58%	0.234%
38	11.051	1516	1523	1528	rBV6	7677	20754	2.35%	0.214%
39	11.110	1529	1533	1536	rVV	6783	10345	1.17%	0.107%
40	11.163	1536	1542	1544	rVV2	18311	32264	3.66%	0.333%
41	11.192	1544	1547	1554	rVB2	30359	43733	4.96%	0.451%
42	11.298	1560	1565	1567	rBV	413220	577132	65.41%	5.950%
43	11.322	1567	1569	1574	rVV	346337	385911	43.74%	3.979%
44	11.375	1574	1578	1583	rVB	75365	102295	11.59%	1.055%
45	11.539	1601	1606	1611	rBV	26455	42264	4.79%	0.436%
46	11.592	1611	1615	1618	rVV2	11467	14999	1.70%	0.155%
47	11.686	1627	1631	1640	rVB2	24005	38730	4.39%	0.399%
48	11.798	1646	1650	1652	rBV	34147	41953	4.75%	0.433%
49	11.828	1652	1655	1660	rVV	50271	72683	8.24%	0.749%
50	11.881	1660	1664	1666	rVV	16743	25409	2.88%	0.262%
51	11.910	1666	1669	1678	rVB2	64107	118168	13.39%	1.218%
52	11.992	1679	1683	1688	rBV4	10023	16109	1.83%	0.166%
53	12.098	1697	1701	1704	rBV	21388	28780	3.26%	0.297%
54	12.128	1704	1706	1711	rVB2	9312	10134	1.15%	0.104%
55	12.275	1728	1731	1734	rBV3	8588	10881	1.23%	0.112%
56	12.351	1739	1744	1745	rBV	21612	29130	3.30%	0.300%
57	12.380	1745	1749	1756	rVV3	59189	139769	15.84%	1.441%
58	12.439	1756	1759	1763	rVB3	11448	15295	1.73%	0.158%
59	12.510	1763	1771	1776	rBV	386126	497641	56.40%	5.131%
60	12.657	1793	1796	1801	rBV	14421	18569	2.10%	0.191%
61	12.739	1803	1810	1816	rBV	313348	491301	55.68%	5.065%
62	12.792	1816	1819	1824	rVB2	17895	26508	3.00%	0.273%
63	12.880	1827	1834	1842	rVB	216013	321117	36.39%	3.311%
64	12.957	1842	1847	1851	rBV2	26940	45986	5.21%	0.474%
65	13.063	1858	1865	1870	rBV	50679	91393	10.36%	0.942%
66	13.133	1870	1877	1880	rBV	42453	71060	8.05%	0.733%
67	13.169	1880	1883	1891	rVB2	33097	55108	6.25%	0.568%
68	13.263	1896	1899	1902	rVV	18681	25926	2.94%	0.267%
69	13.298	1902	1905	1913	rVB3	17765	38046	4.31%	0.392%
70	13.580	1950	1953	1957	rVB	14973	17639	2.00%	0.182%
71	13.686	1967	1971	1973	rBV	29025	39334	4.46%	0.406%
72	13.933	2007	2013	2025	rVB2	445024	882358	100.00%	9.097%
73	14.039	2029	2031	2035	rVB	24645	28260	3.20%	0.291%
74	14.963	2183	2188	2197	rBV	141606	313546	35.54%	3.233%
75	15.257	2235	2238	2243	rVB	63710	86353	9.79%	0.890%
76	15.316	2244	2248	2253	rVV	108135	168881	19.14%	1.741%

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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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.380	2254	2259	2276	rVB	245131	457127	51.81%	4.713%
78	16.810	2498	2502	2510	rVB2	38781	75922	8.60%	0.783%
79	17.239	2571	2575	2584	rVB	31745	68290	7.74%	0.704%

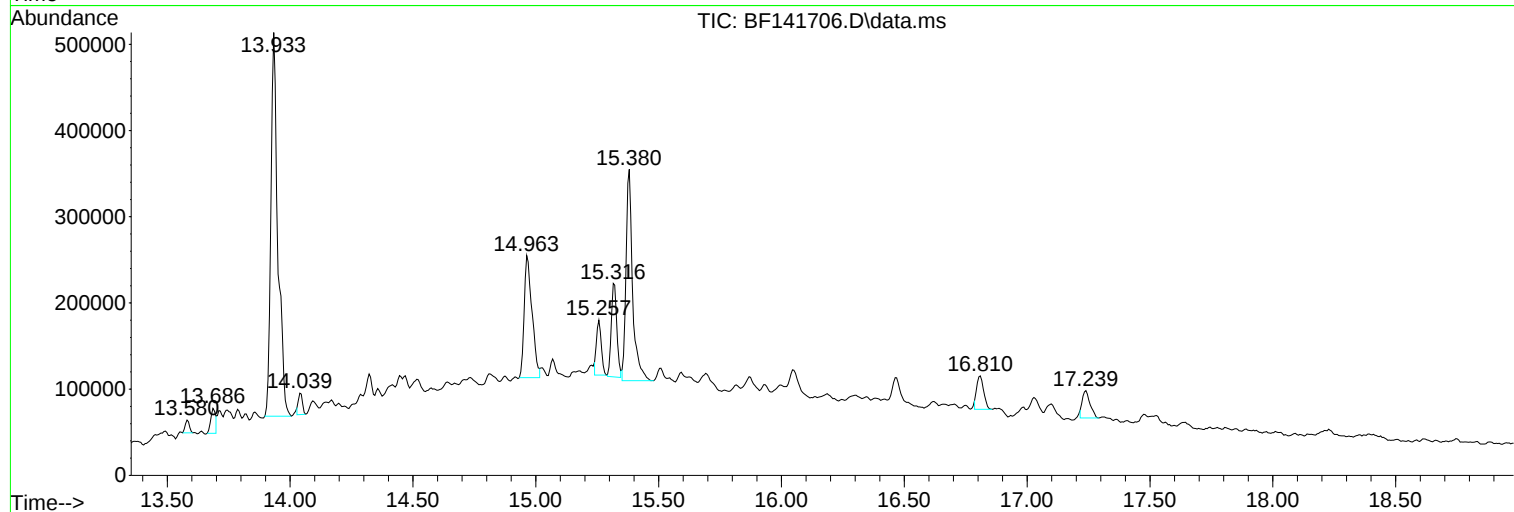
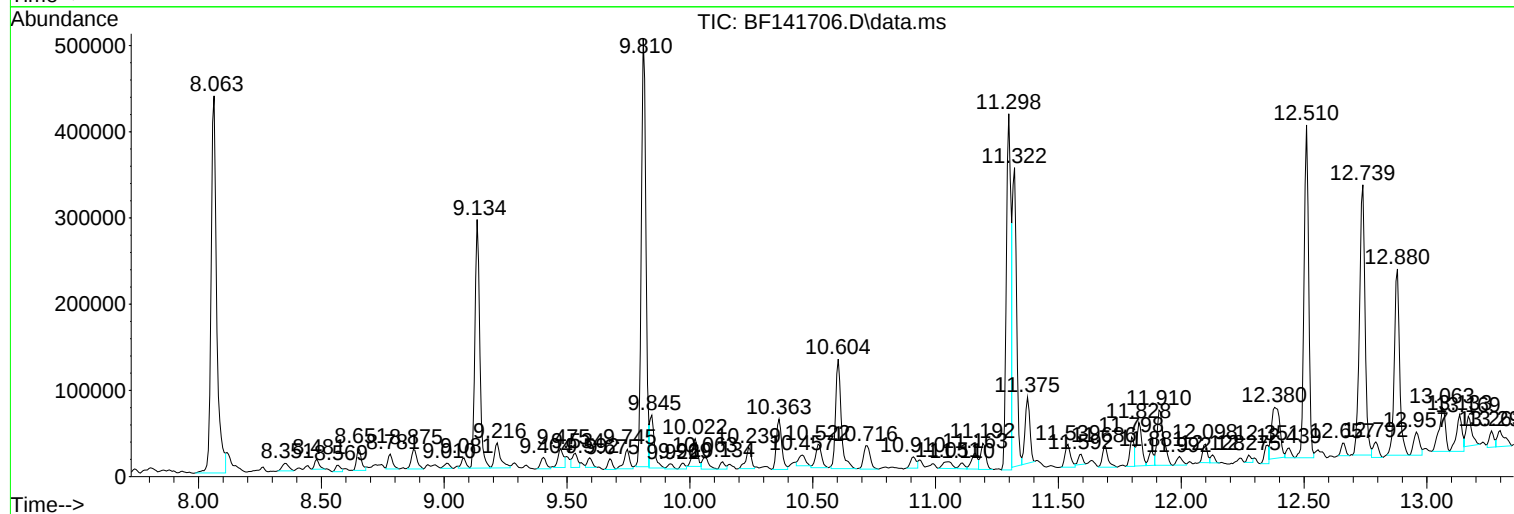
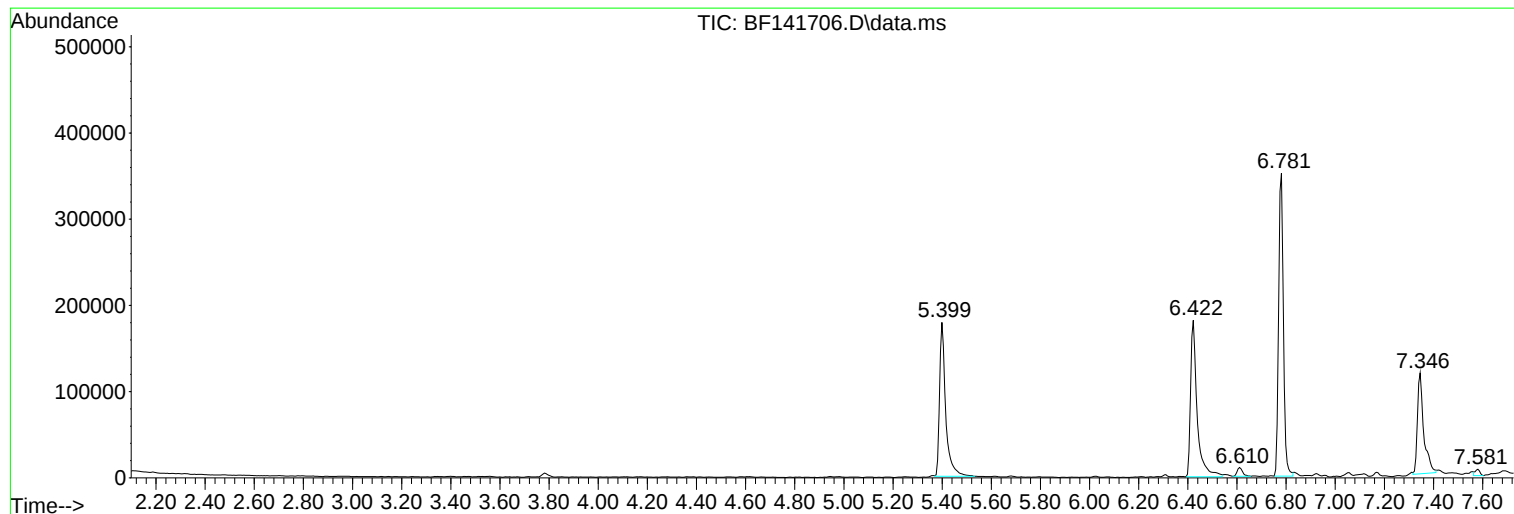
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Sample : Q1384-01 5X
Misc :
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Instrument :
BNA_F
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OR-03-021823025

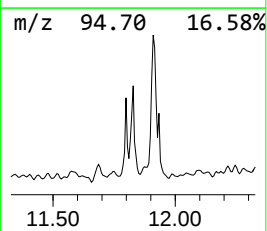
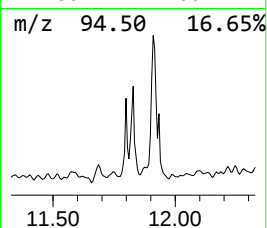
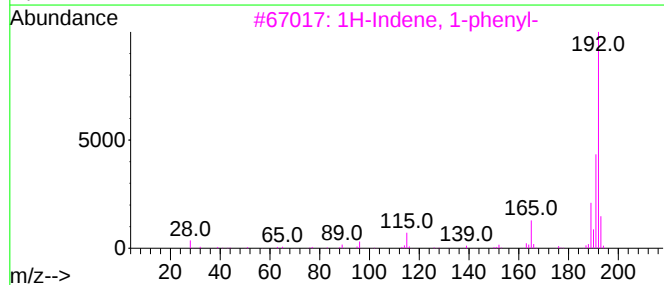
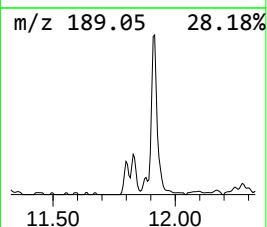
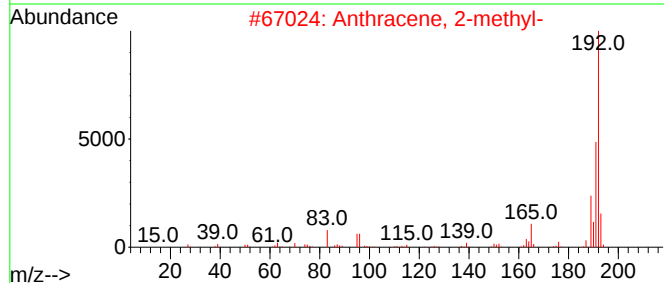
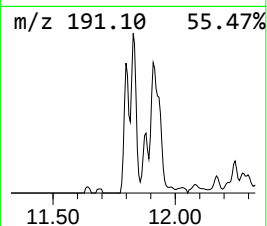
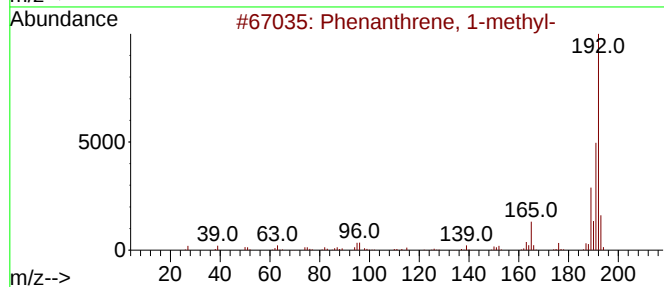
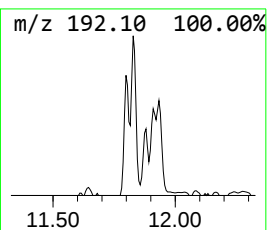
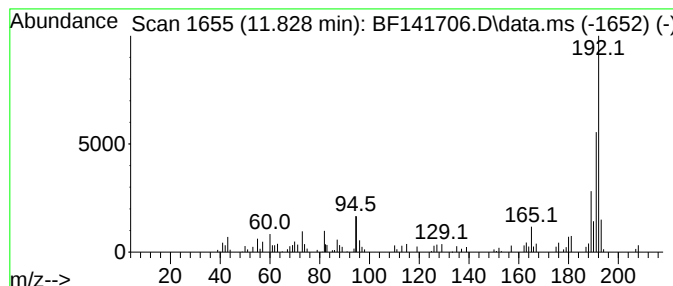
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.828	2.52 ng	72683	Phenanthrene-d10	11.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3			1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	91



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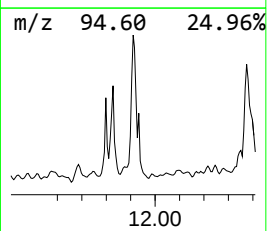
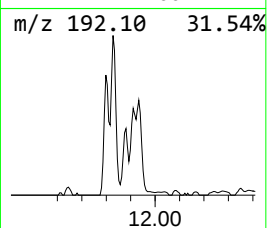
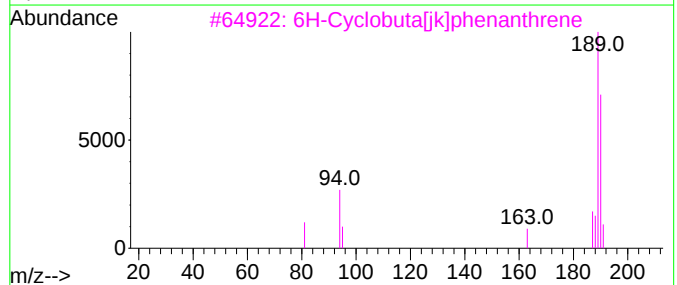
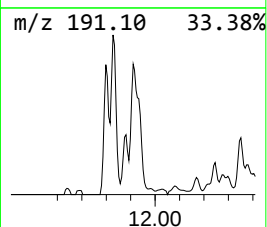
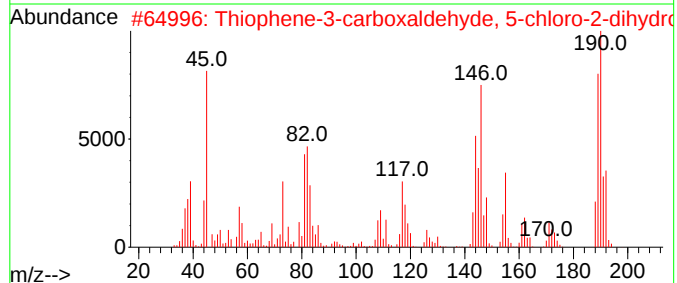
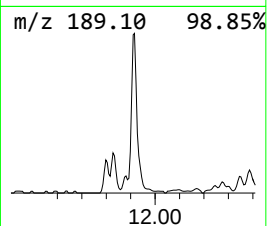
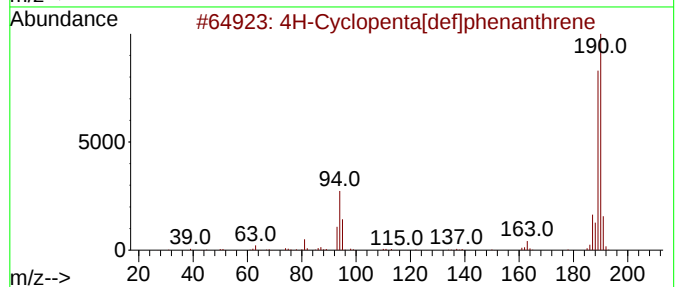
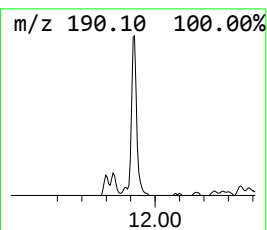
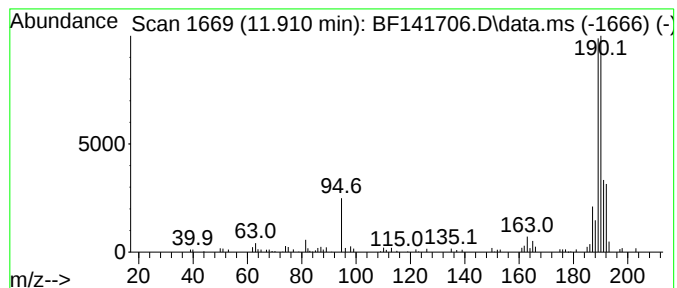
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	4.10 ng	118168	Phenanthrene-d10	11.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2			Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
3			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
4			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5			2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	25



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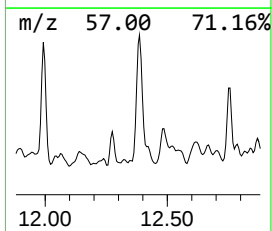
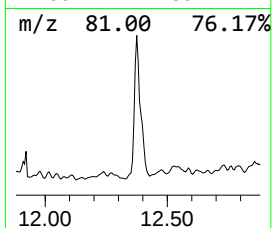
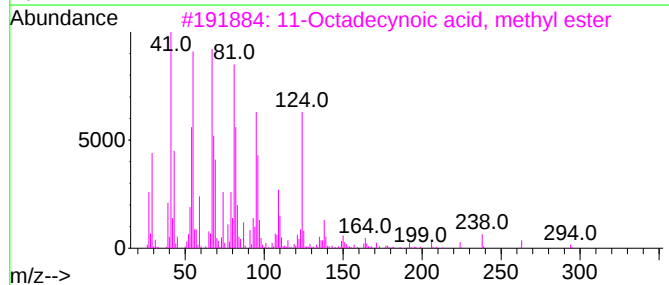
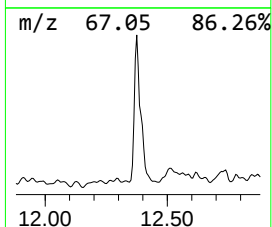
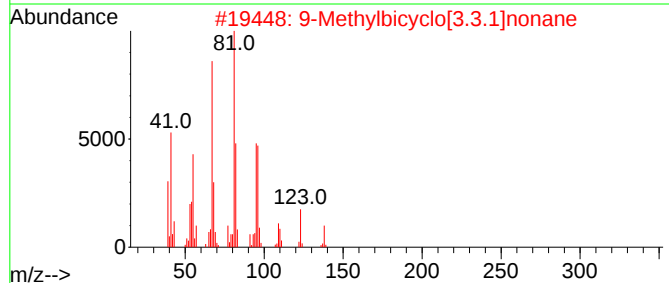
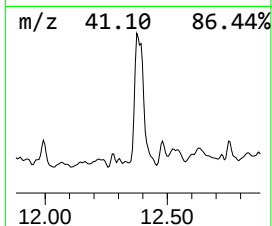
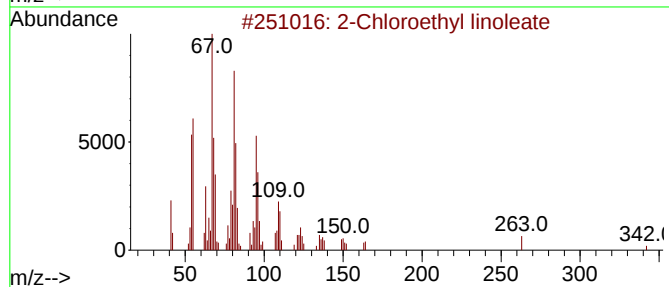
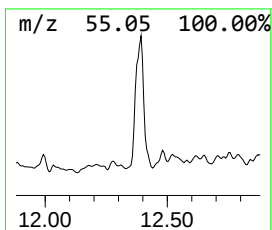
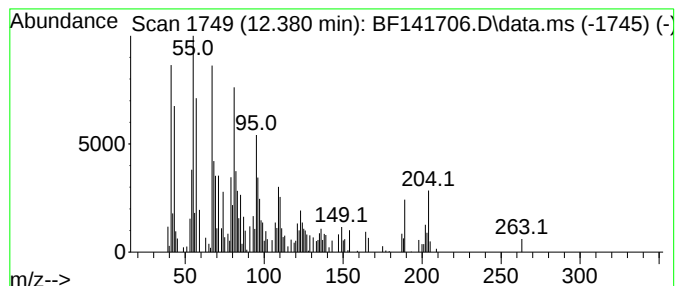
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Chloroethyl linoleate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.381	4.84 ng	139769	Phenanthrene-d10	11.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	64
2			9-Methylbicyclo[3.3.1]nonane	138	C10H18	025107-01-1	62
3			11-Octadecynoic acid, methyl ester	294	C19H34O2	026543-37-3	62
4			Cyclooctene, 3-methyl-	124	C9H16	013152-05-1	60
5			Bicyclo[2.2.2]octane, 2-methyl-	124	C9H16	000766-53-0	58



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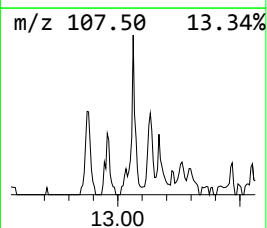
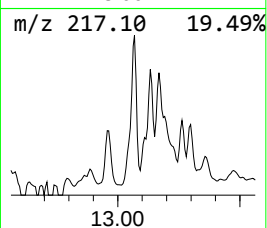
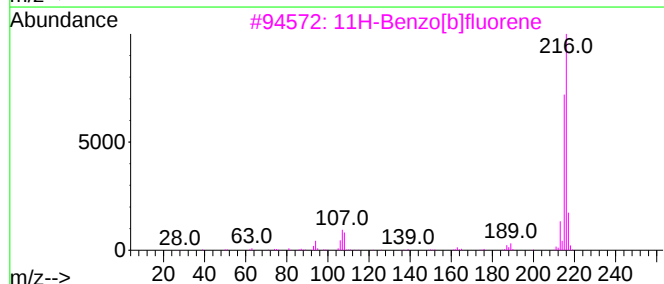
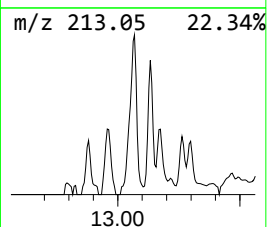
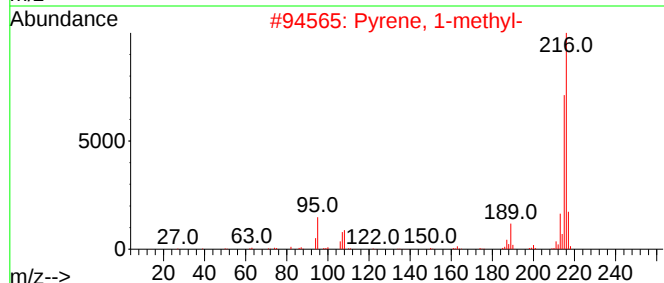
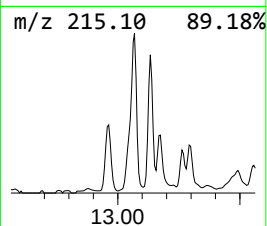
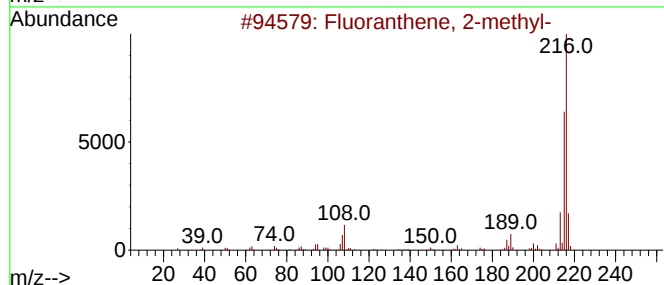
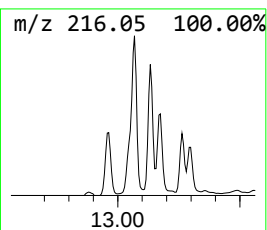
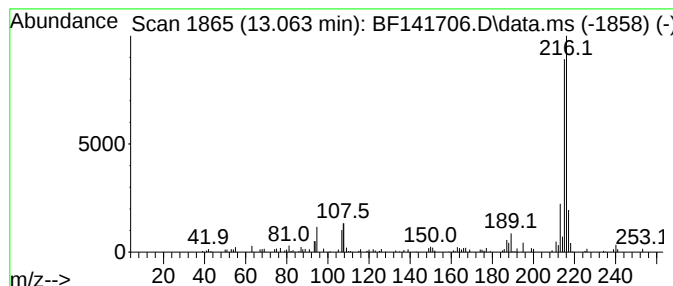
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Fluoranthene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.063	2.07 ng	91393	Chrysene-d12	13.933

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4			Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022025\
Data File : BF141706.D
Acq On : 20 Feb 2025 16:35
Operator : RC/JU
Sample : Q1384-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-021823025

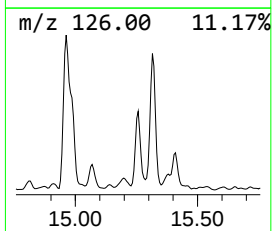
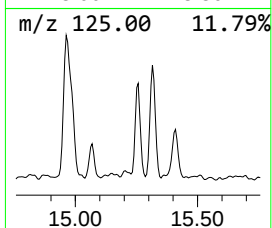
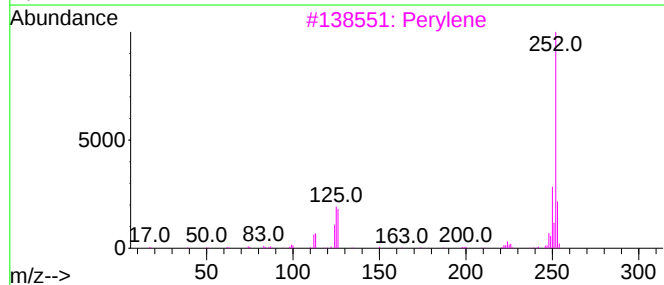
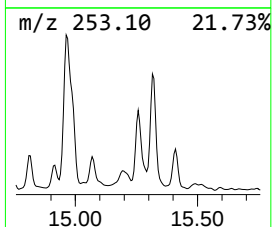
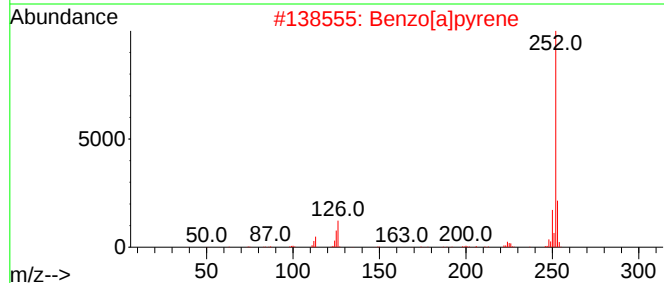
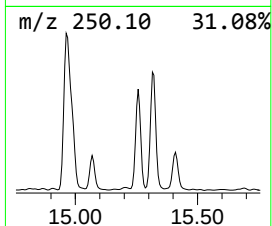
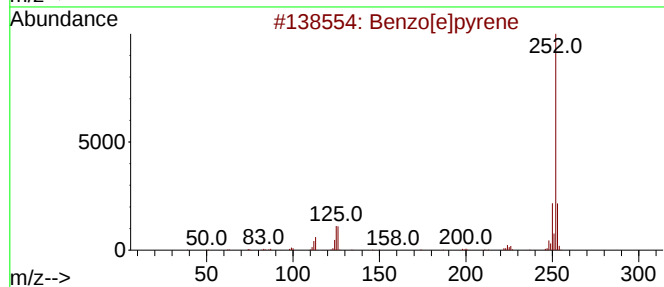
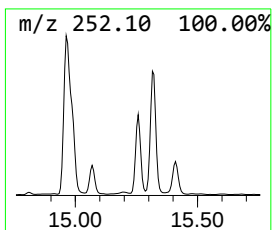
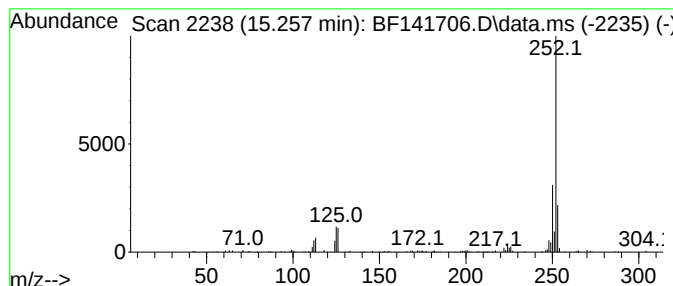
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.257	3.78 ng	86353	Perylene-d12	15.380

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[a]pyrene	252	C20H12	000050-32-8	95
3			Perylene	252	C20H12	000198-55-0	93
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022025\
Data File : BF141706.D
Acq On : 20 Feb 2025 16:35
Operator : RC/JU
Sample : Q1384-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-021823025

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
Phenanthrene, 1...	11.828	2.5	ng	72683	4	11.298	577132	20.0
4H-Cyclopenta[d...	11.910	4.1	ng	118168	4	11.298	577132	20.0
2-Chloroethyl 1...	12.381	4.8	ng	139769	4	11.298	577132	20.0
Fluoranthene, 2...	13.063	2.1	ng	91393	5	13.933	882358	20.0
Benzo[e]pyrene	15.257	3.8	ng	86353	6	15.380	457127	20.0