

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093025\
 Data File : BF143851.D
 Acq On : 30 Sep 2025 23:59
 Operator : RC/JU
 Sample : Q3240-01 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-092925

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-BF092325.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143851.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.487	555	560	576	rBV	487453	645169	25.90%	3.476%
2	6.492	726	731	746	rBV	419264	566414	22.74%	3.052%
3	6.881	792	797	803	rBV	659974	850113	34.13%	4.580%
4	7.439	887	892	903	rBV	274853	353855	14.21%	1.906%
5	8.163	1010	1015	1023	rBV	787329	1032348	41.45%	5.562%
6	9.239	1193	1198	1208	rBV	531376	657336	26.39%	3.541%
7	9.580	1251	1256	1259	rVV	24515	36897	1.48%	0.199%
8	9.780	1285	1290	1295	rBV	68850	88428	3.55%	0.476%
9	9.922	1307	1314	1319	rBV	818876	1027187	41.24%	5.534%
10	10.233	1363	1367	1370	rBV2	18993	28118	1.13%	0.151%
11	10.327	1378	1383	1389	rBV4	18007	47075	1.89%	0.254%
12	10.469	1403	1407	1413	rVB3	33522	53972	2.17%	0.291%
13	10.633	1430	1435	1441	rVB	45724	67177	2.70%	0.362%
14	10.710	1442	1448	1460	rVV	329646	474611	19.05%	2.557%
15	10.833	1464	1469	1475	rVB2	29909	47684	1.91%	0.257%
16	11.016	1495	1500	1503	rBV3	26236	42666	1.71%	0.230%
17	11.045	1503	1505	1509	rVV2	20800	26102	1.05%	0.141%
18	11.274	1538	1544	1546	rVV3	15297	30959	1.24%	0.167%
19	11.304	1546	1549	1555	rVB	30401	43534	1.75%	0.235%
20	11.410	1562	1567	1570	rBV	758441	1105193	44.37%	5.954%
21	11.486	1576	1580	1583	rVV	38754	45058	1.81%	0.243%
22	11.639	1602	1606	1613	rBV3	23792	47011	1.89%	0.253%
23	11.704	1614	1617	1620	rVV2	24440	34054	1.37%	0.183%
24	11.739	1620	1623	1629	rVB	33296	44117	1.77%	0.238%
25	11.821	1634	1637	1641	rVB	18906	26531	1.07%	0.143%
26	11.916	1648	1653	1654	rBV	112118	148645	5.97%	0.801%
27	11.939	1654	1657	1661	rVB	167846	216542	8.69%	1.167%
28	12.021	1667	1671	1680	rVB3	167434	356149	14.30%	1.919%
29	12.110	1681	1686	1689	rBV4	24829	42419	1.70%	0.229%
30	12.210	1699	1703	1704	rBV2	56405	65351	2.62%	0.352%
31	12.357	1722	1728	1730	rBV2	34907	63261	2.54%	0.341%
32	12.386	1730	1733	1736	rVV	27336	33719	1.35%	0.182%
33	12.463	1741	1746	1749	rBV	125327	179541	7.21%	0.967%
34	12.498	1749	1752	1758	rVV2	82905	146975	5.90%	0.792%
35	12.551	1758	1761	1768	rVB4	52385	83897	3.37%	0.452%
36	12.627	1769	1774	1778	rVB	619483	810277	32.53%	4.365%

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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-BF092325.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.674	1778	1782	1783	rBV	26543	36290	1.46%	0.196%
38	12.721	1787	1790	1793	rBV	49620	55274	2.22%	0.298%
39	12.857	1806	1813	1819	rBV	650820	983340	39.48%	5.298%
40	12.910	1819	1822	1826	rVB2	47381	63191	2.54%	0.340%
41	12.998	1832	1837	1844	rVB	715423	1006901	40.43%	5.425%
42	13.074	1845	1850	1857	rBV4	92263	196893	7.90%	1.061%
43	13.180	1861	1868	1872	rVB	149081	288462	11.58%	1.554%
44	13.251	1877	1880	1883	rVV	98510	137290	5.51%	0.740%
45	13.286	1883	1886	1894	rVB	110639	164672	6.61%	0.887%
46	13.380	1899	1902	1904	rVV	63485	72969	2.93%	0.393%
47	13.410	1904	1907	1910	rVB2	62485	70982	2.85%	0.382%
48	14.051	2010	2016	2028	rBV2	1283442	2490766	100.00%	13.419%
49	15.104	2190	2195	2203	rBV	403273	928029	37.26%	5.000%
50	15.409	2243	2247	2252	rVB	224202	351858	14.13%	1.896%
51	15.468	2253	2257	2263	rVV	286208	459813	18.46%	2.477%
52	15.539	2264	2269	2281	rVB	902765	1685864	67.68%	9.083%

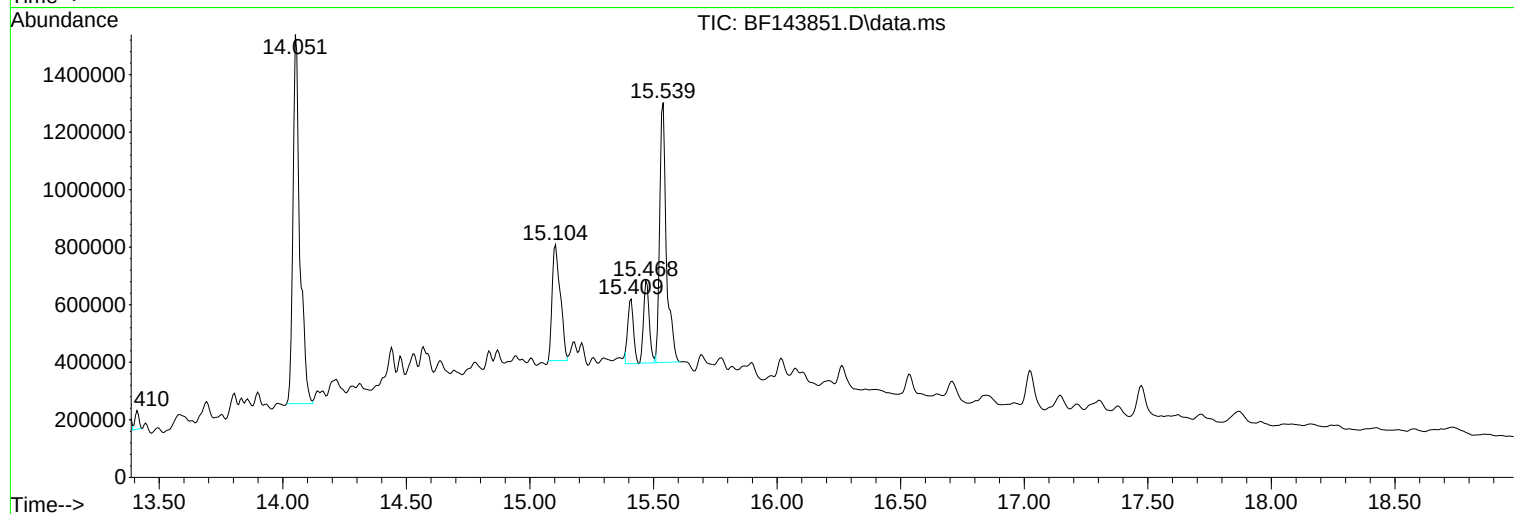
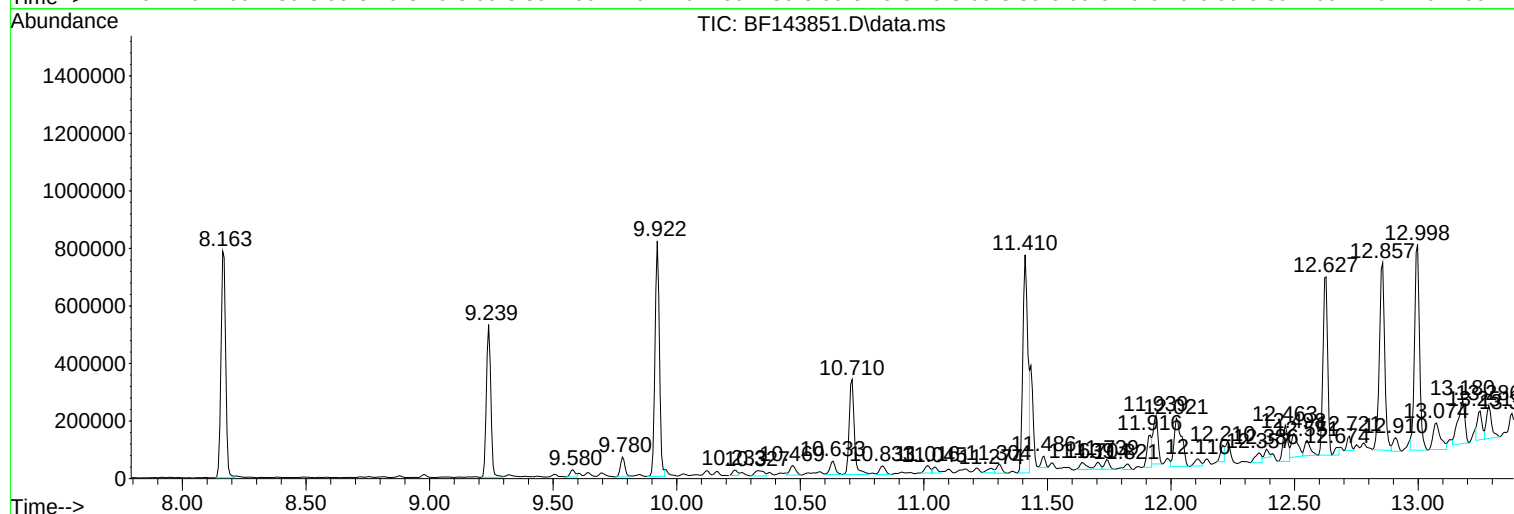
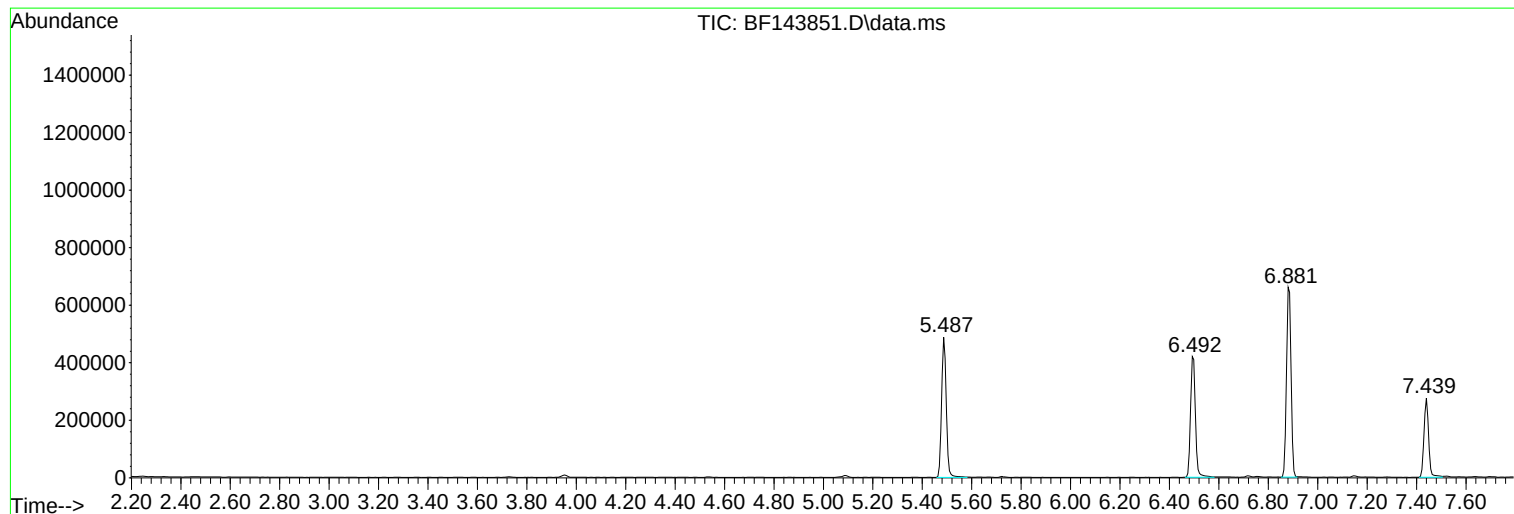
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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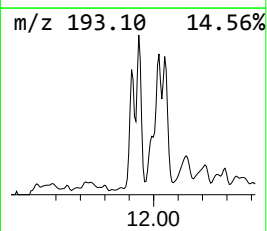
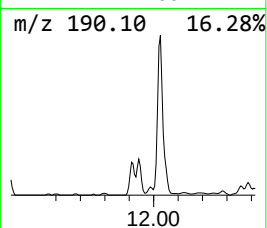
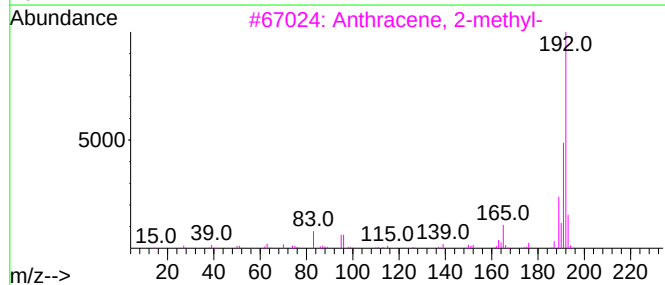
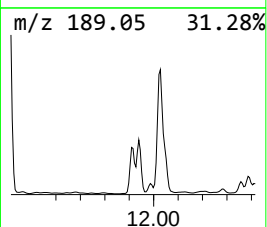
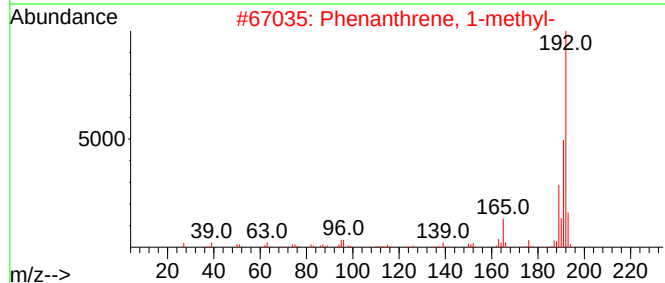
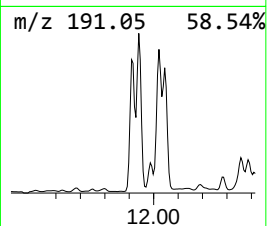
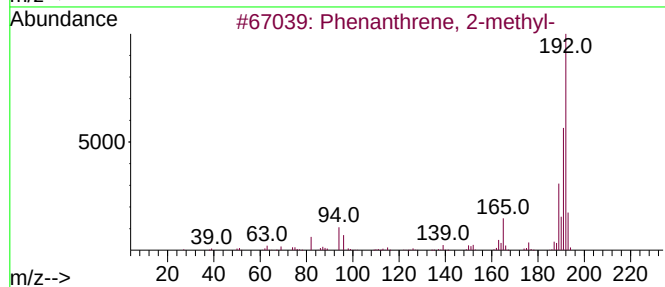
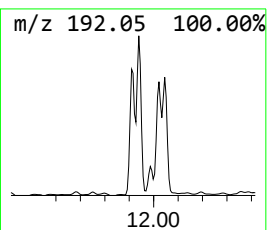
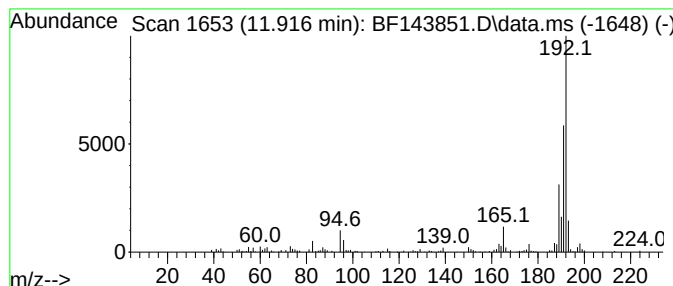
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	2.69 ng	148645	Phenanthrene-d10	11.410

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	92



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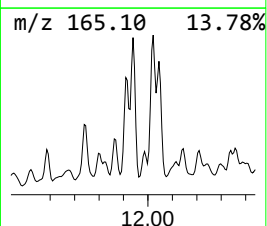
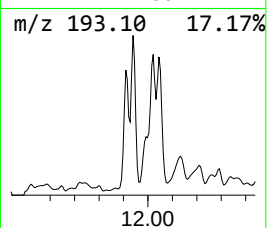
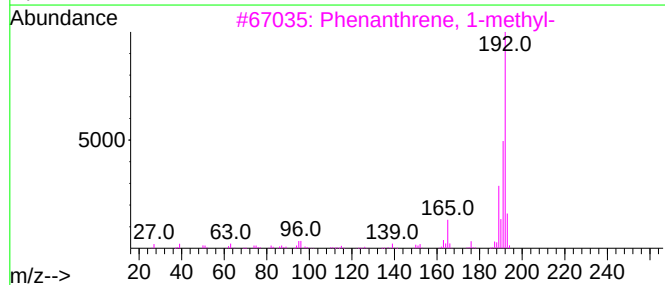
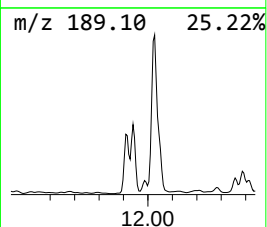
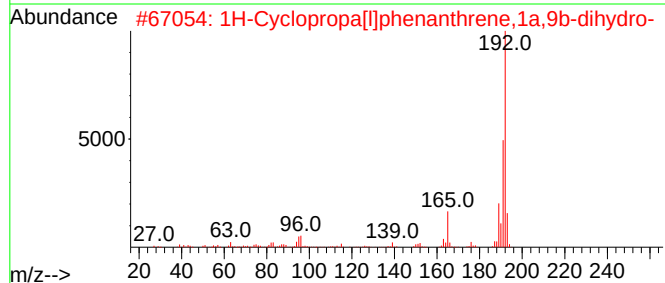
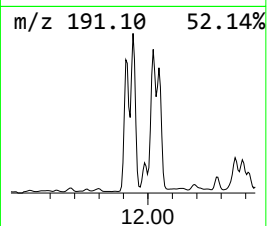
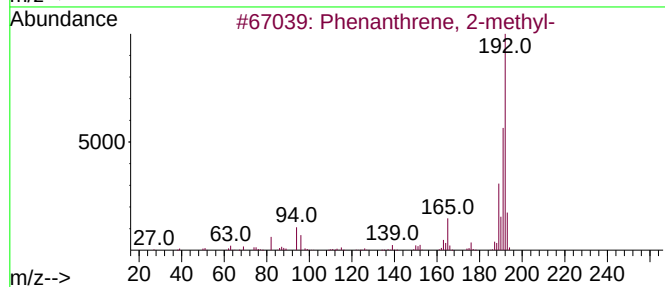
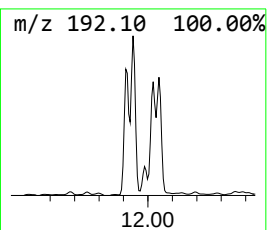
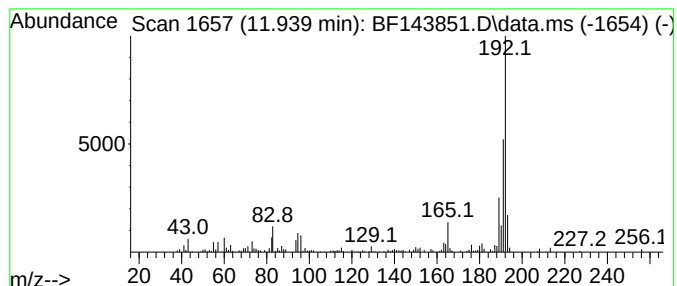
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	3.92 ng	216542	Phenanthrene-d10	11.410

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	96
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	96



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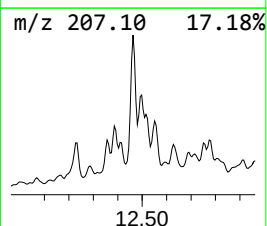
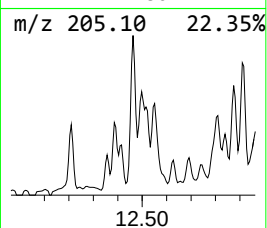
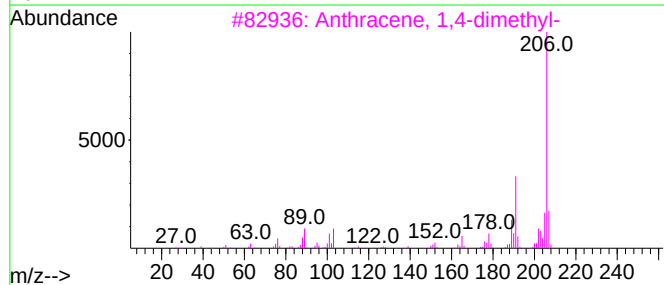
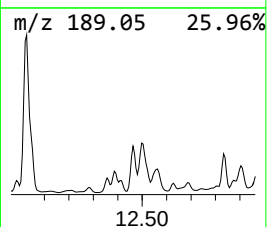
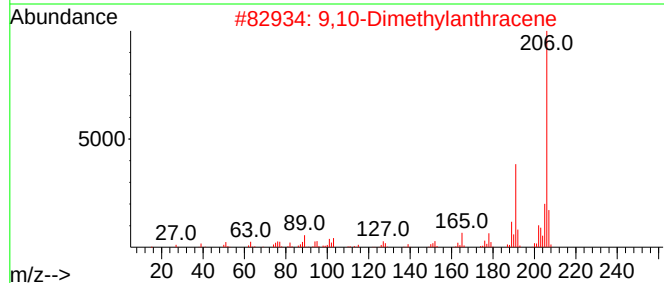
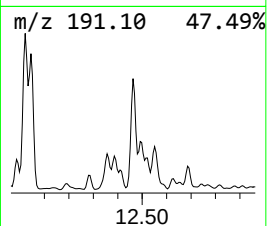
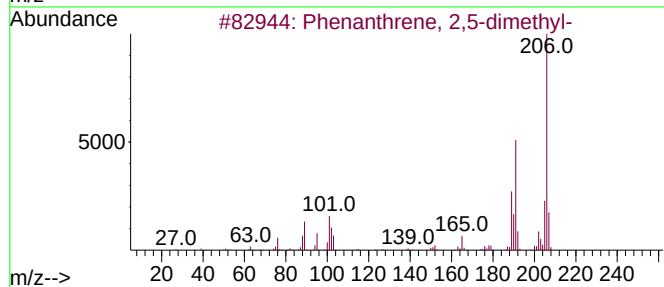
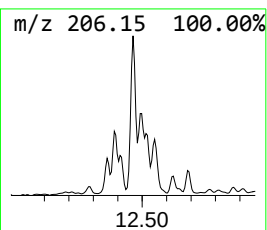
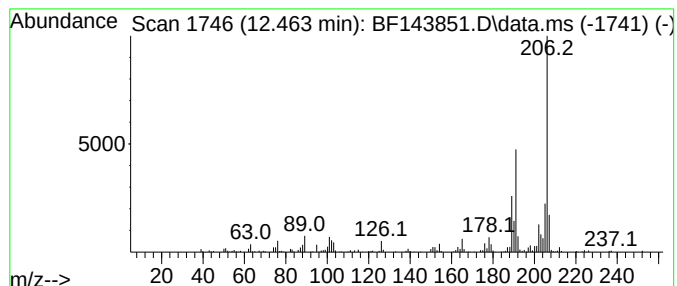
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.463	3.25 ng	179541	Phenanthrene-d10	11.410

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2			9,10-Dimethylantracene	206	C16H14	000781-43-1	94
3			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
4			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90



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Misc :
ALS Vial : 23 Sample Multiplier: 1

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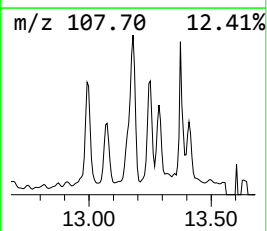
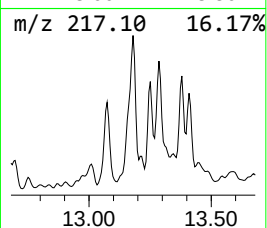
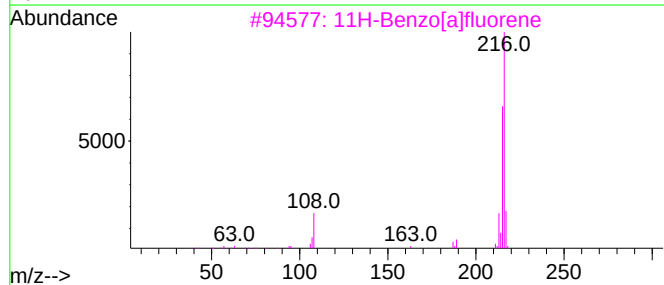
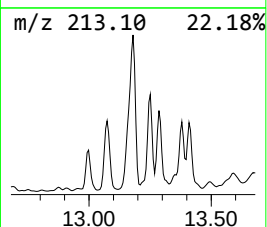
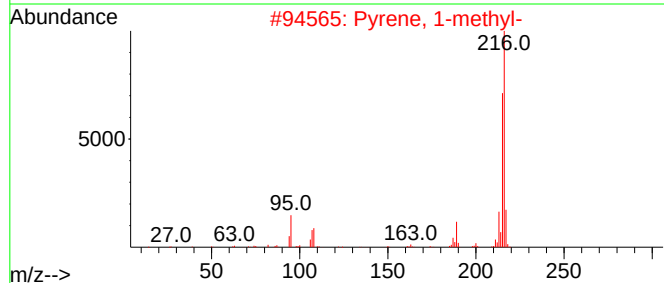
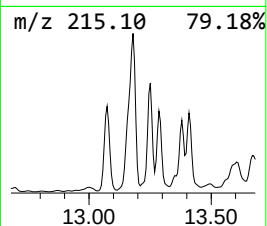
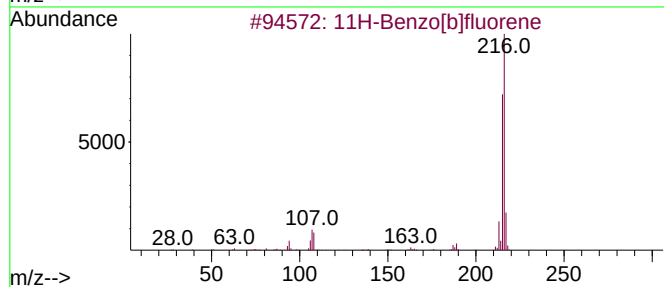
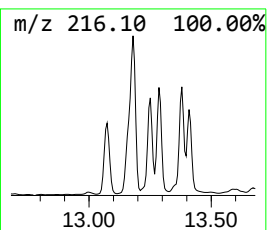
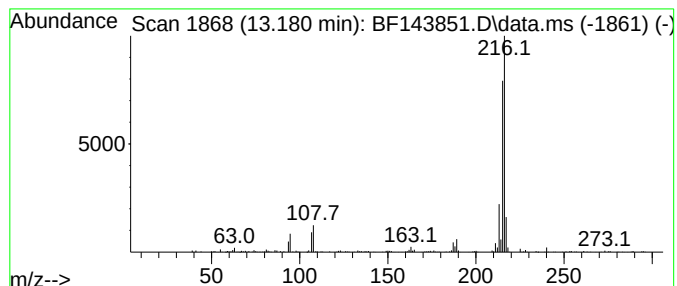
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.180	2.32 ng	288462	Chrysene-d12	14.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5			6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	64



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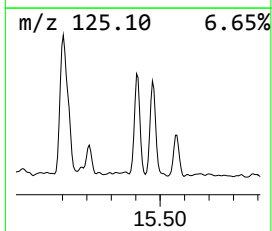
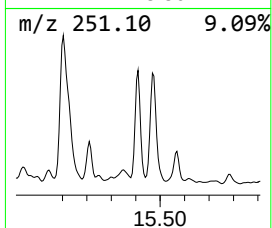
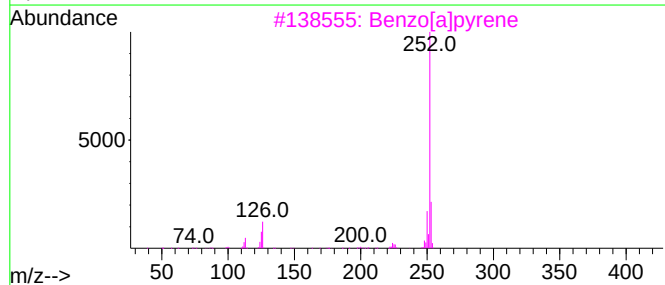
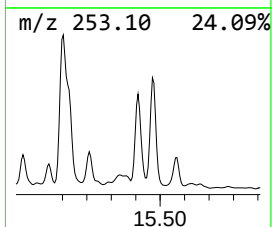
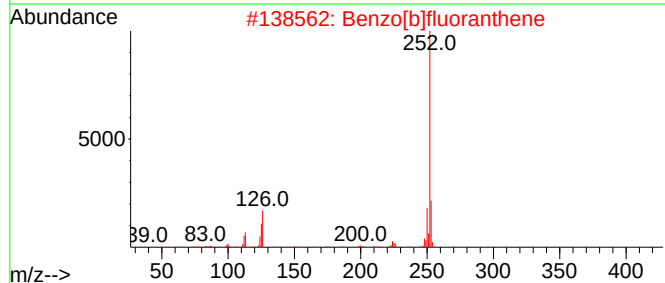
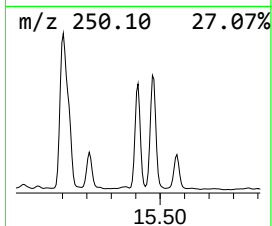
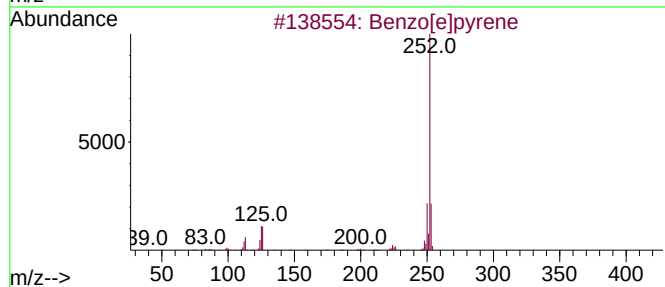
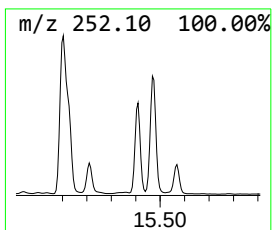
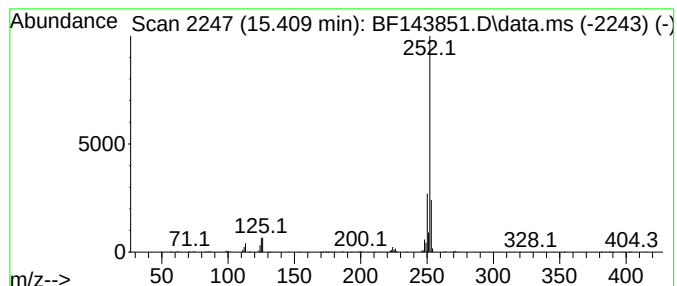
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.409	4.17 ng	351858	Perylene-d12	15.539

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	95
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
3			Benzo[a]pyrene	252	C20H12	000050-32-8	91
4			Perylene	252	C20H12	000198-55-0	90
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093025\
Data File : BF143851.D
Acq On : 30 Sep 2025 23:59
Operator : RC/JU
Sample : Q3240-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-092925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.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...	11.916	2.7	ng	148645	4	11.410	1105190	20.0
Phenanthrene, 1...	11.939	3.9	ng	216542	4	11.410	1105190	20.0
Phenanthrene, 2...	12.463	3.3	ng	179541	4	11.410	1105190	20.0
11H-Benzo[b]flu...	13.180	2.3	ng	288462	5	14.057	2490770	20.0
Benzo[e]pyrene	15.409	4.2	ng	351858	6	15.539	1685860	20.0