LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101025\
Data File : BF143925.D
Acq On : 10 Oct 2025 15:23
Operator : RC/JU
Sample : Q3322-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-100925

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-BF100625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143925.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.493	555	561	572	rBV	604890	822164	32.77%	2.630%
2	6.498	726	732	743	rBV	606789	791152	31.54%	2.530%
3	6.881	792	797	802	rBV	603220	740585	29.52%	2.369%
4	7.439	882	892	902	rBV	371442	493876	19.69%	1.580%
5	8.163	1009	1015	1023	rBV	740261	1027223	40.95%	3.286%
6	8.239	1024	1028	1035	rVB3	19378	30176	1.20%	0.097%
7	8.875	1132	1136	1140	rBV	59679	72076	2.87%	0.231%
8	8.975	1149	1153	1158	rVB	60162	73477	2.93%	0.235%
9	9.239	1193	1198	1208	rBV	682682	875829	34.91%	2.801%
10	9.339	1208	1215	1220	rVV2	17668	34463	1.37%	0.110%
11	9.504	1238	1243	1247	rBV	34969	56569	2.25%	0.181%
12	9.575	1251	1255	1258	rVV	55377	81440	3.25%	0.260%
13	9.604	1258	1260	1263	rVV	32254	38624	1.54%	0.124%
14	9.698	1271	1276	1285	rVB	27364	48902	1.95%	0.156%
15	9.780	1285	1290	1295	rBV	64360	86967	3.47%	0.278%
16	9.922	1306	1314	1317	rBV	732141	955573	38.09%	3.056%
17	9.951	1317	1319	1323	rVB	209892	236243	9.42%	0.756%
18	10.075	1336	1340	1344	rBV2	15238	25215	1.01%	0.081%
19	10.122	1344	1348	1352	rBV2	95804	128479	5.12%	0.411%
20	10.163	1352	1355	1359	rVB	22116	26533	1.06%	0.085%
21	10.233	1363	1367	1370	rBV2	23368	34184	1.36%	0.109%
22	10.328	1378	1383	1385	rBV3	17865	29623	1.18%	0.095%
23	10.469	1402	1407	1412	rVB	212079	270480	10.78%	0.865%
24	10.533	1412	1418	1420	rBV2	30502	52974	2.11%	0.169%
25	10.633	1430	1435	1442	rVB	108356	159557	6.36%	0.510%
26	10.710	1442	1448	1453	rBV	335074	458261	18.27%	1.466%
27	10.833	1464	1469	1475	rVB2	42675	68382	2.73%	0.219%
28	10.910	1475	1482	1485	rBV7	14677	27362	1.09%	0.088%
29	10.957	1486	1490	1494	rVV4	24041	44834	1.79%	0.143%
30	11.016	1495	1500	1503	rVV3	59182	105171	4.19%	0.336%
31	11.045	1503	1505	1508	rVV3	32742	44733	1.78%	0.143%
32	11.098	1511	1514	1518	rVV2	27482	44342	1.77%	0.142%
33	11.145	1518	1522	1524	rVV2	28895	49150	1.96%	0.157%
34	11.169	1524	1526	1530	rVV2	33709	49302	1.97%	0.158%
35	11.216	1530	1534	1538	rVV	39652	60171	2.40%	0.192%
36	11.263	1538	1542	1546	rVV4	34299	66659	2.66%	0.213%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101025\
Data File : BF143925.D
Acq On : 10 Oct 2025 15:23
Operator : RC/JU
Sample : Q3322-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-100925

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-BF100625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.304	1546	1549	1556	rVB	97635	134968	5.38%	0.432%
38	11.410	1562	1567	1569	rBV	619995	863741	34.43%	2.763%
39	11.433	1569	1571	1576	rVV	1141921	1447430	57.70%	4.630%
40	11.486	1576	1580	1584	rVV	344518	453157	18.06%	1.449%
41	11.522	1584	1586	1591	rVB2	44227	52055	2.07%	0.166%
42	11.639	1600	1606	1614	rBV	137906	223660	8.92%	0.715%
43	11.710	1614	1618	1620	rVV2	35257	50696	2.02%	0.162%
44	11.745	1620	1624	1629	rVB2	46803	67596	2.69%	0.216%
45	11.827	1634	1638	1641	rVB	27221	35989	1.43%	0.115%
46	11.939	1648	1657	1662	rBV2	359900	724912	28.90%	2.319%
47	11.986	1662	1665	1668	rBV	73252	88709	3.54%	0.284%
48	12.027	1668	1672	1680	rVB2	364737	612587	24.42%	1.959%
49	12.116	1680	1687	1689	rBV5	24906	55987	2.23%	0.179%
50	12.210	1699	1703	1705	rBV	115786	150121	5.98%	0.480%
51	12.392	1731	1734	1736	rBV	27801	33750	1.35%	0.108%
52	12.463	1742	1746	1750	rBV	120084	190190	7.58%	0.608%
53	12.504	1750	1753	1758	rVV2	86251	149138	5.94%	0.477%
54	12.551	1758	1761	1766	rVV2	101167	139365	5.56%	0.446%
55	12.633	1769	1775	1779	rBV	1715868	2315357	92.29%	7.406%
56	12.686	1779	1784	1787	rVV2	36062	70629	2.82%	0.226%
57	12.721	1787	1790	1794	rVV2	78536	103475	4.12%	0.331%
58	12.780	1797	1800	1806	rVB2	77821	108552	4.33%	0.347%
59	12.863	1806	1814	1819	rBV	1532352	2508759	100.00%	8.024%
60	12.910	1819	1822	1827	rVB2	93254	131006	5.22%	0.419%
61	12.998	1829	1837	1844	rVB3	603711	999532	39.84%	3.197%
62	13.074	1844	1850	1854	rBV3	158664	300313	11.97%	0.961%
63	13.186	1861	1869	1873	rVB2	305545	558000	22.24%	1.785%
64	13.251	1876	1880	1883	rBV	246518	308702	12.30%	0.987%
65	13.292	1883	1887	1890	rVV2	146939	188870	7.53%	0.604%
66	13.380	1899	1902	1905	rBV	99688	122897	4.90%	0.393%
67	13.416	1905	1908	1912	rVB	97917	121035	4.82%	0.387%
68	13.692	1953	1955	1960	rVB	109438	143500	5.72%	0.459%
69	13.810	1970	1975	1977	rBV3	172214	272483	10.86%	0.872%
70	13.833	1977	1979	1981	rVV	63164	71782	2.86%	0.230%
71	13.904	1988	1991	1997	rVB	127717	175055	6.98%	0.560%
72	14.057	2010	2017	2020	rBV2	1322098	2380086	94.87%	7.613%
73	14.086	2020	2022	2028	rVB	879850	1040159	41.46%	3.327%
74	14.168	2032	2036	2039	rVB	142618	179102	7.14%	0.573%
75	14.445	2080	2083	2086	rVB	160389	192278	7.66%	0.615%
76	15.110	2191	2196	2205	rBV	790062	1881466	75.00%	6.018%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101025\
Data File : BF143925.D
Acq On : 10 Oct 2025 15:23
Operator : RC/JU
Sample : Q3322-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-100925

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-BF100625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.215	2211	2214	2219	rVB	145093	192002	7.65%	0.614%
78	15.415	2244	2248	2254	rVB	405017	633991	25.27%	2.028%
79	15.480	2254	2259	2265	rBV	600343	946604	37.73%	3.028%
80	15.545	2265	2270	2274	rBV	434000	772825	30.81%	2.472%
81	17.039	2519	2524	2534	rVB2	220924	492533	19.63%	1.575%
82	17.492	2596	2601	2612	rVB	159531	369153	14.71%	1.181%

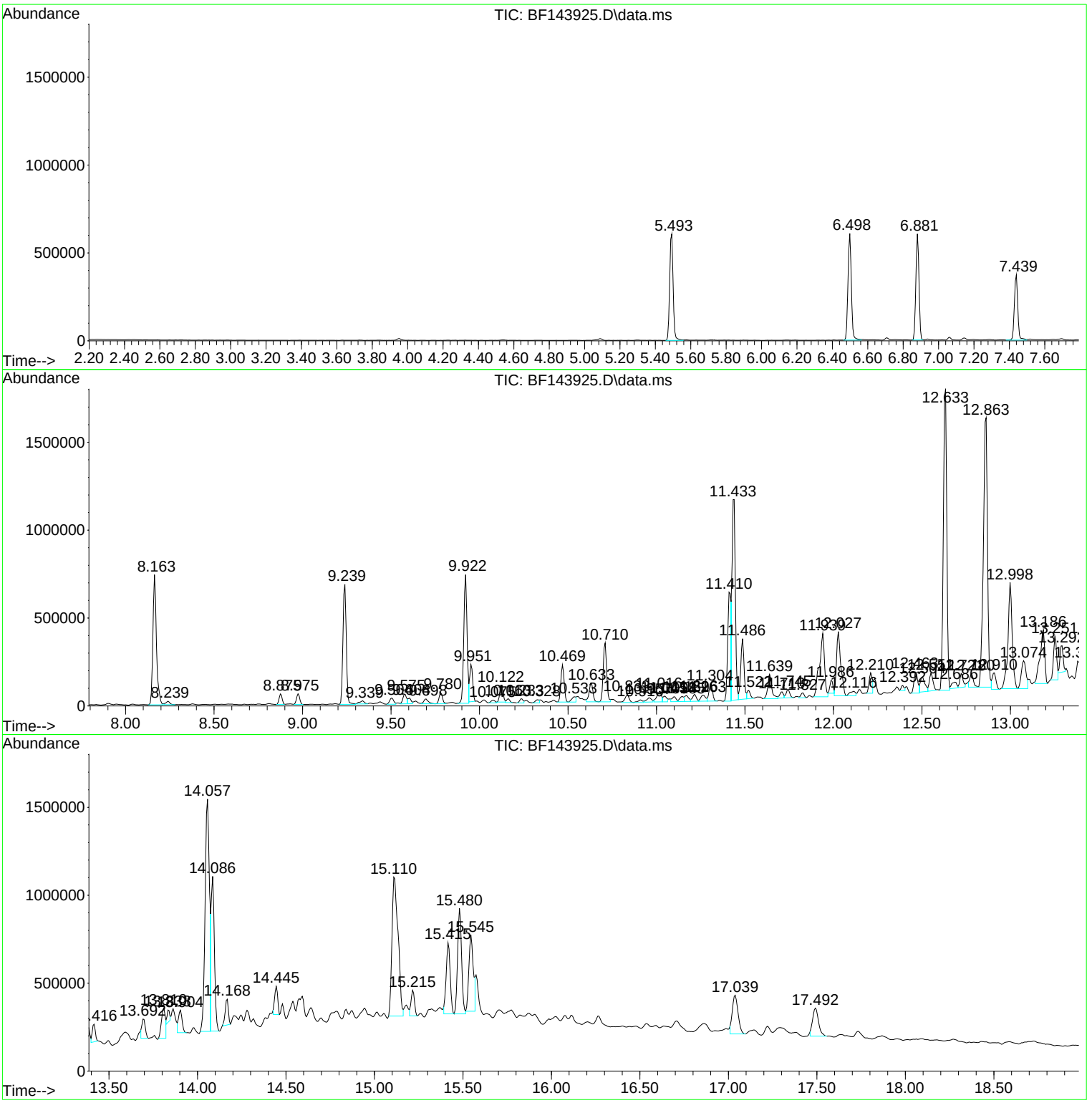
Sum of corrected areas: 31264948

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101025\
Data File : BF143925.D
Acq On : 10 Oct 2025 15:23
Operator : RC/JU
Sample : Q3322-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-100925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.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\BF101025\
Data File : BF143925.D
Acq On : 10 Oct 2025 15:23
Operator : RC/JU
Sample : Q3322-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-100925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

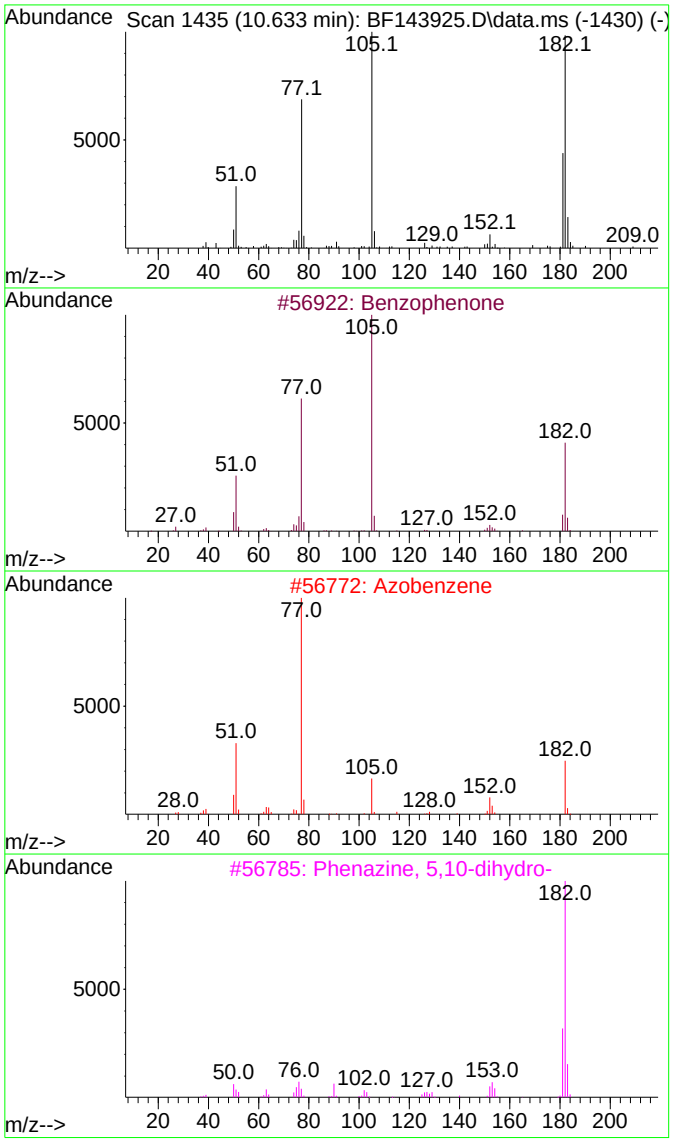
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

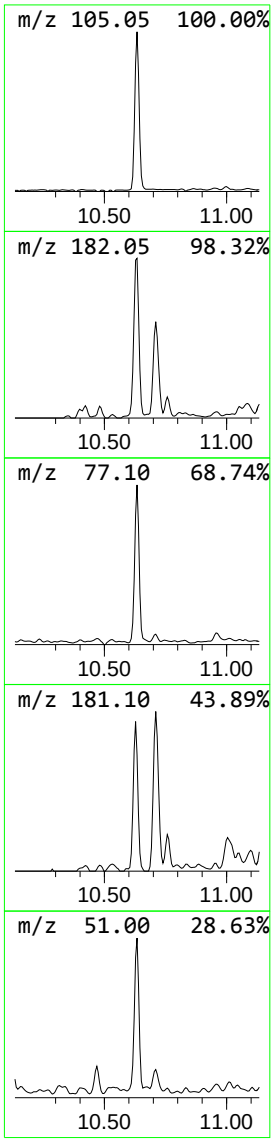
****

Peak Number 1 Benzophenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.633	3.34 ng	159557	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	91
2	Azobenzene	182	C12H10N2	000103-33-3	53
3	Phenazine, 5,10-dihydro-	182	C12H10N2	000613-32-1	52
4	2-Hydroxyfluorene	182	C13H10O	002443-58-5	47
5	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101025\
Data File : BF143925.D
Acq On : 10 Oct 2025 15:23
Operator : RC/JU
Sample : Q3322-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-100925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

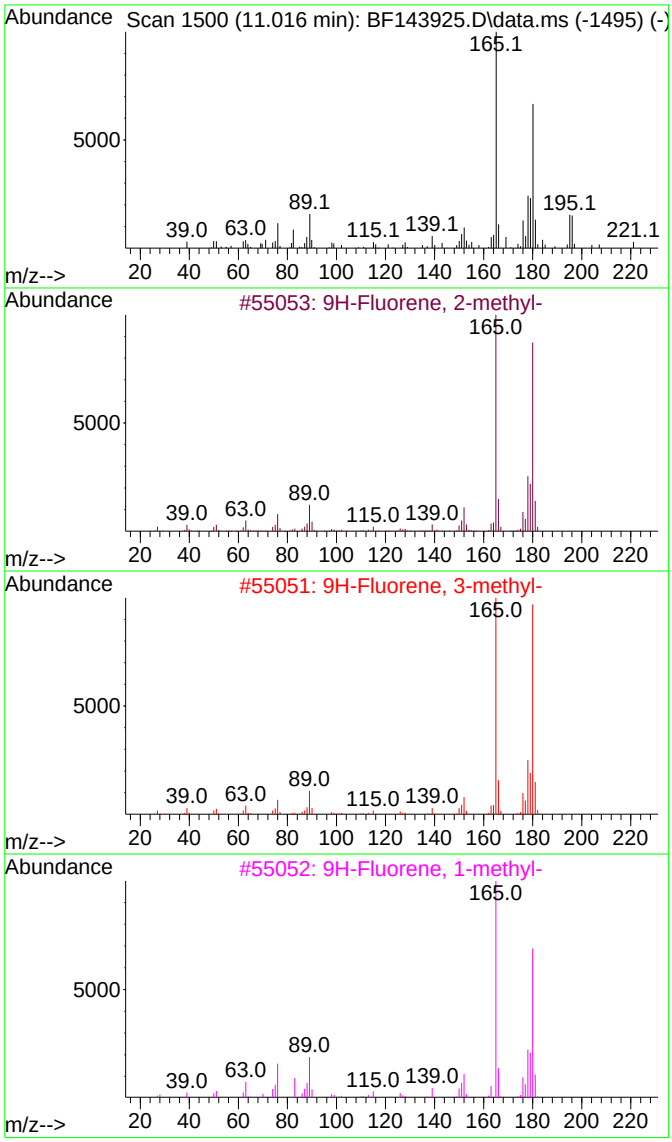
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

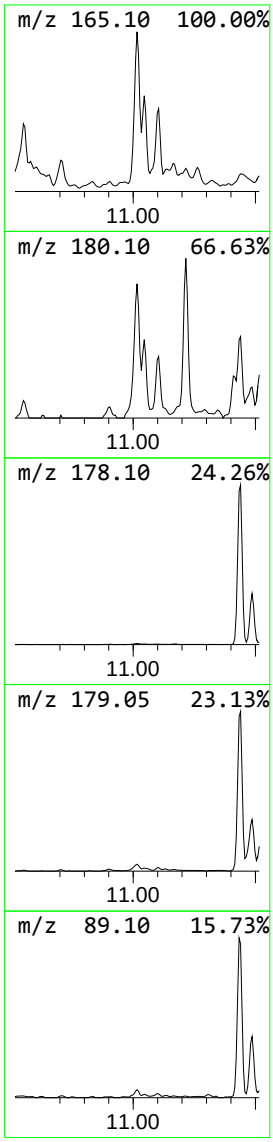
****

Peak Number 2 9H-Fluorene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.016	2.44 ng	105171	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	98
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	92
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	86
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	70
5	Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101025\
Data File : BF143925.D
Acq On : 10 Oct 2025 15:23
Operator : RC/JU
Sample : Q3322-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-100925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

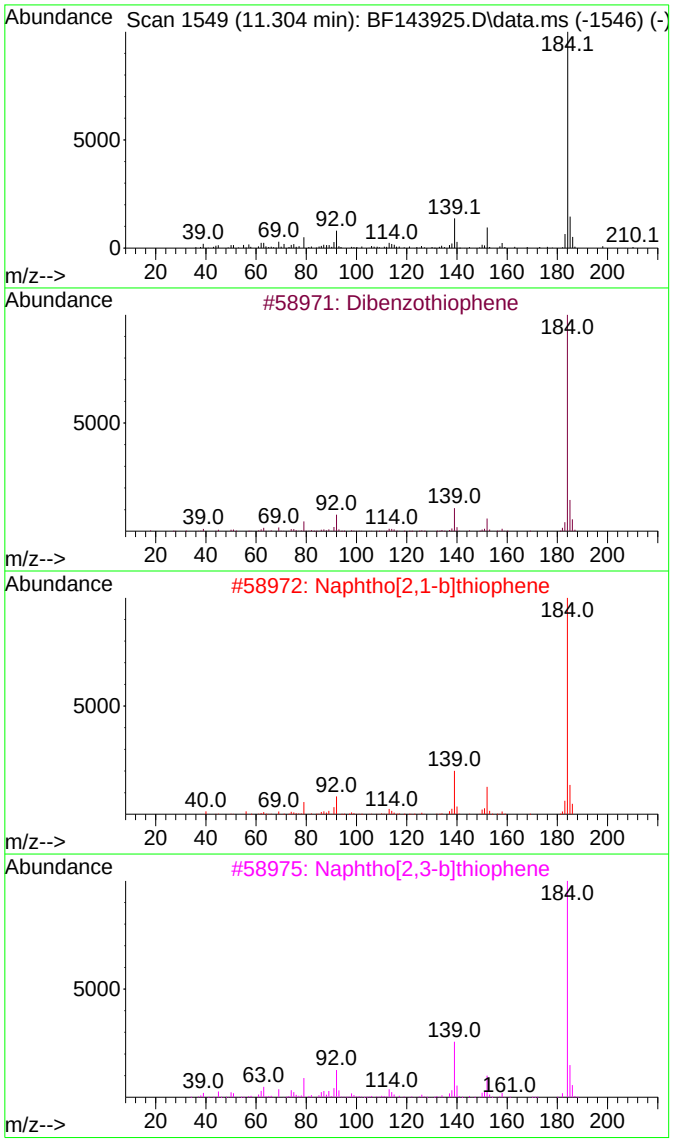
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

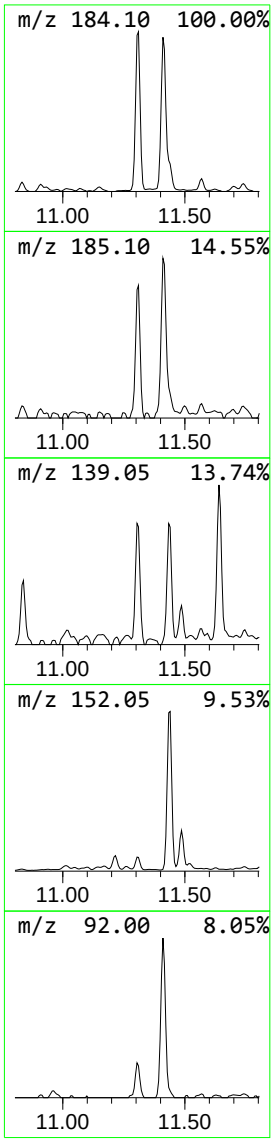
****

Peak Number 3 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.304	3.13 ng	134968	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	90
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101025\
Data File : BF143925.D
Acq On : 10 Oct 2025 15:23
Operator : RC/JU
Sample : Q3322-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-100925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

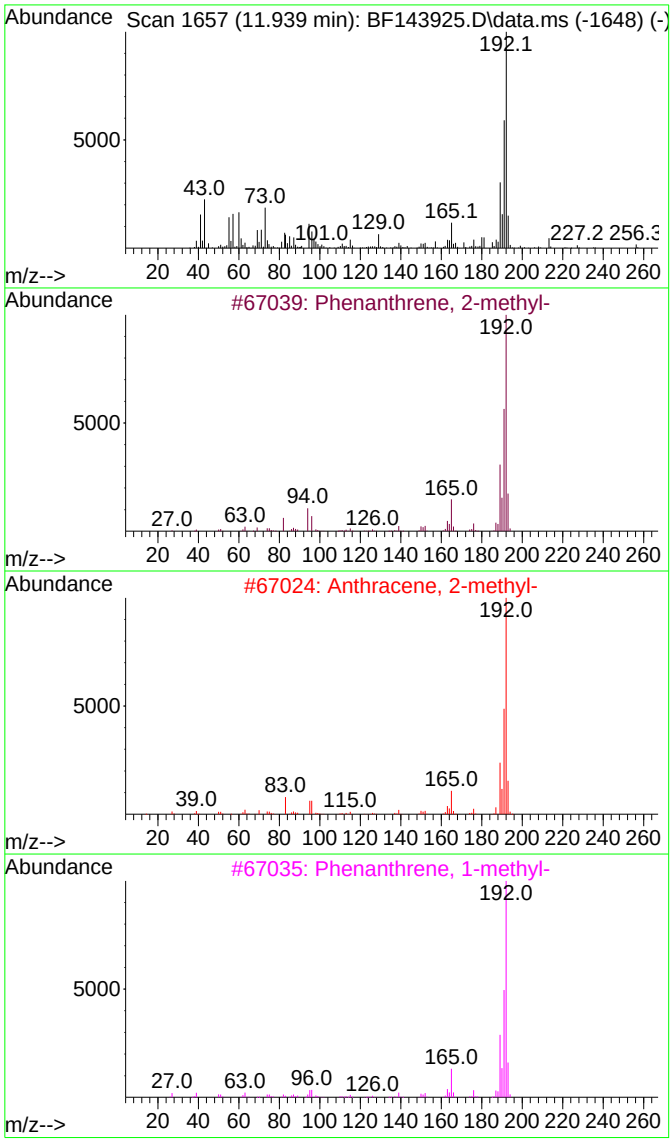
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

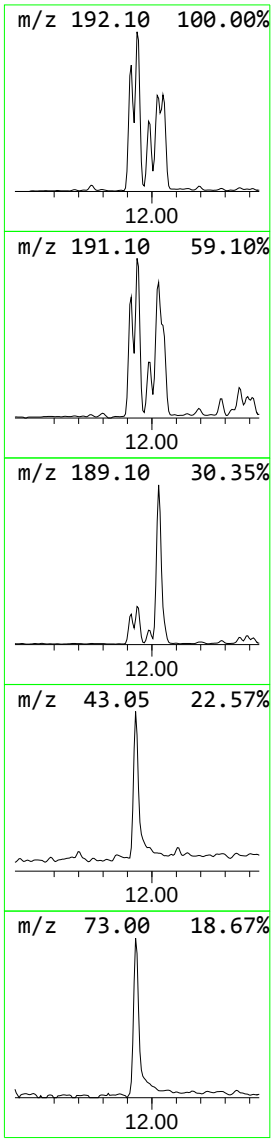
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	16.79 ng	724912	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101025\
Data File : BF143925.D
Acq On : 10 Oct 2025 15:23
Operator : RC/JU
Sample : Q3322-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-100925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

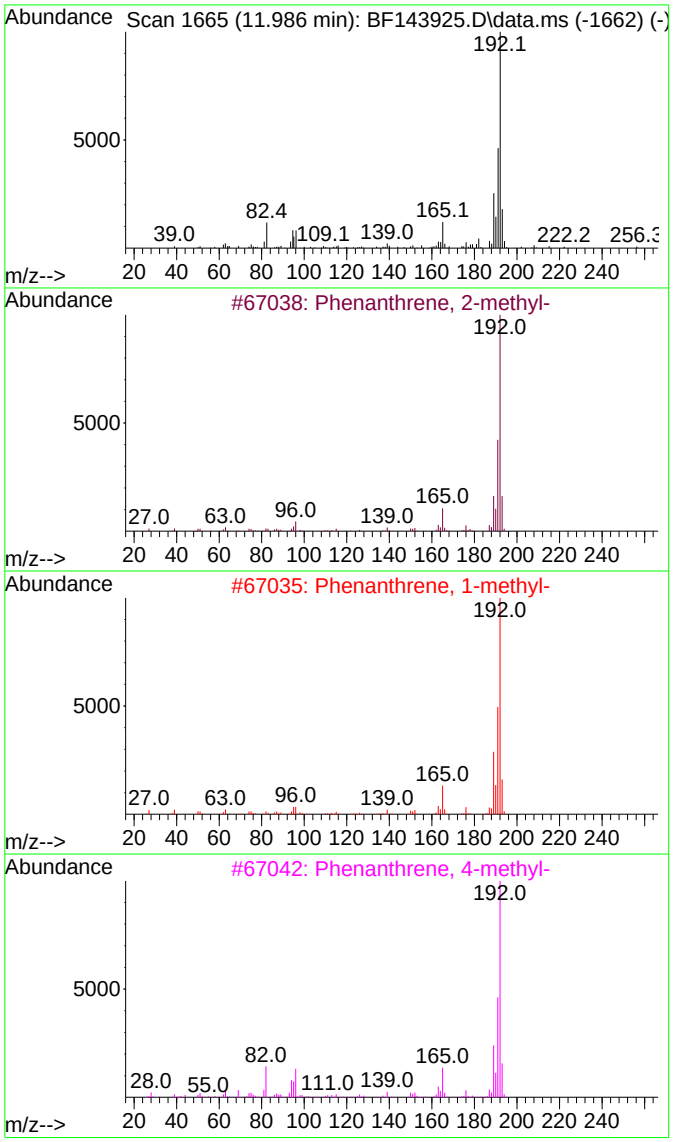
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

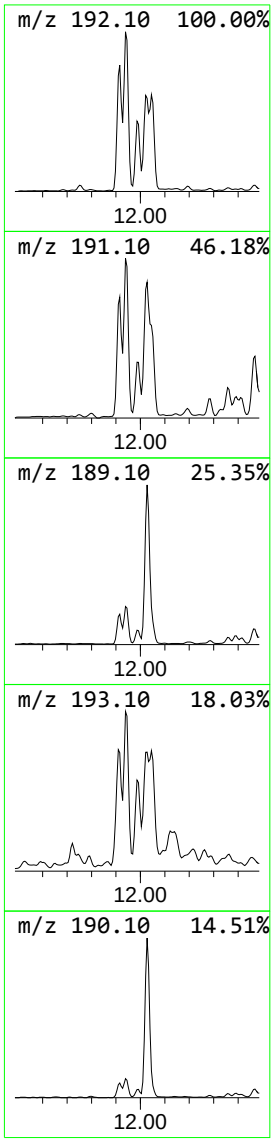
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.986	2.05 ng	88709	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101025\
Data File : BF143925.D
Acq On : 10 Oct 2025 15:23
Operator : RC/JU
Sample : Q3322-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-100925

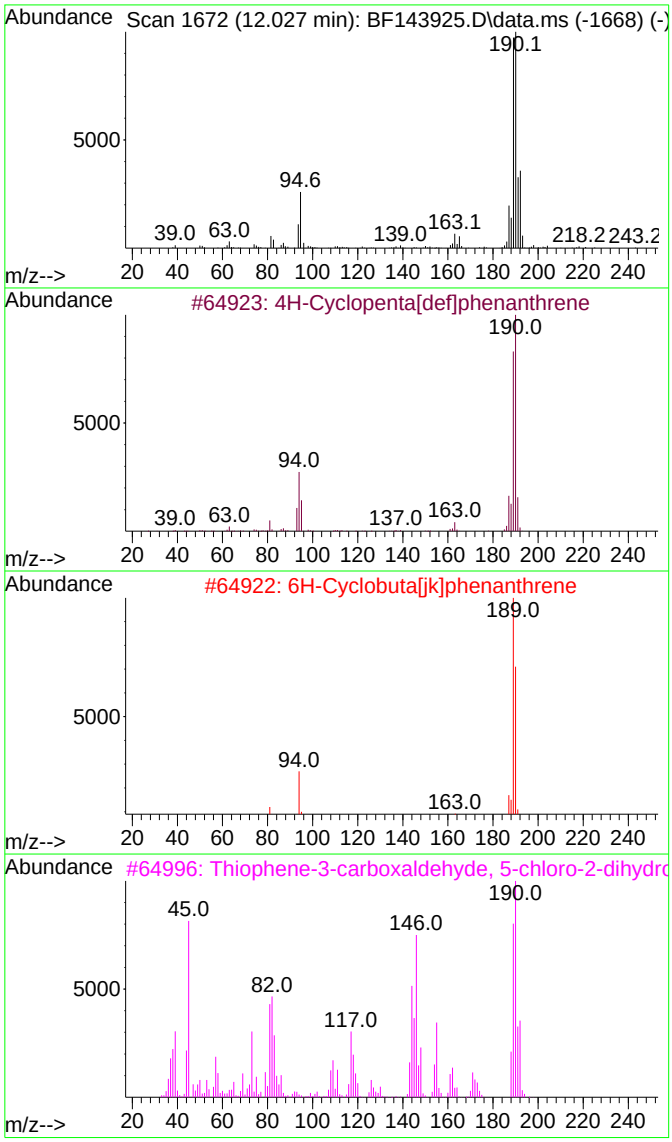
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

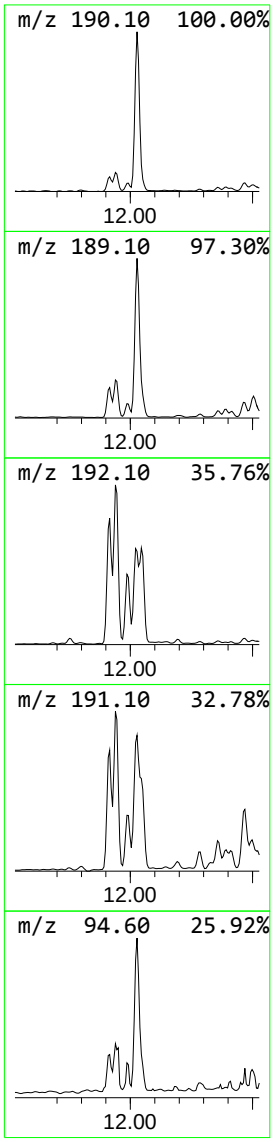
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.027	14.18 ng	612587	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	95
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	Methyl diselenide	190	C2H6Se2	007101-31-7	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101025\
Data File : BF143925.D
Acq On : 10 Oct 2025 15:23
Operator : RC/JU
Sample : Q3322-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-100925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

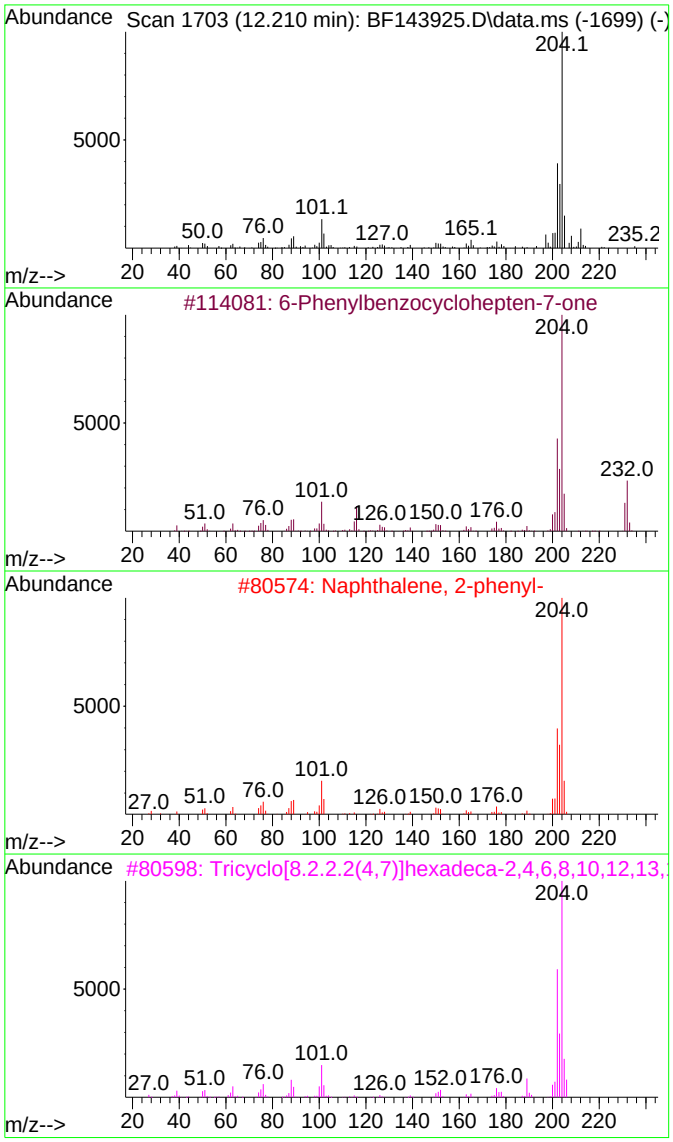
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

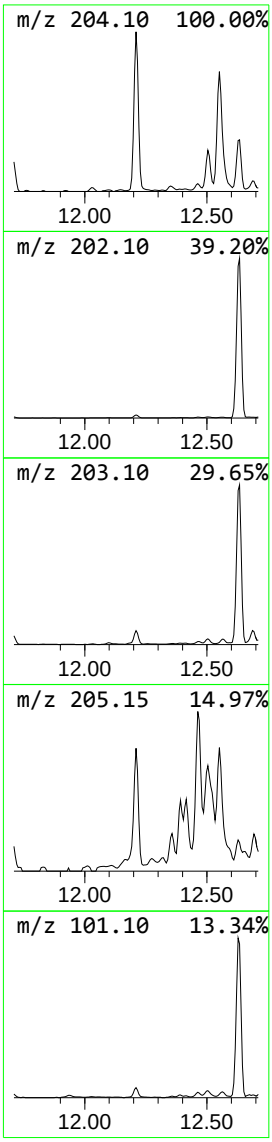
****

Peak Number 7 6-Phenylbenzocyclohepten-7-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.210	3.48 ng	150121	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101025\
Data File : BF143925.D
Acq On : 10 Oct 2025 15:23
Operator : RC/JU
Sample : Q3322-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-100925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

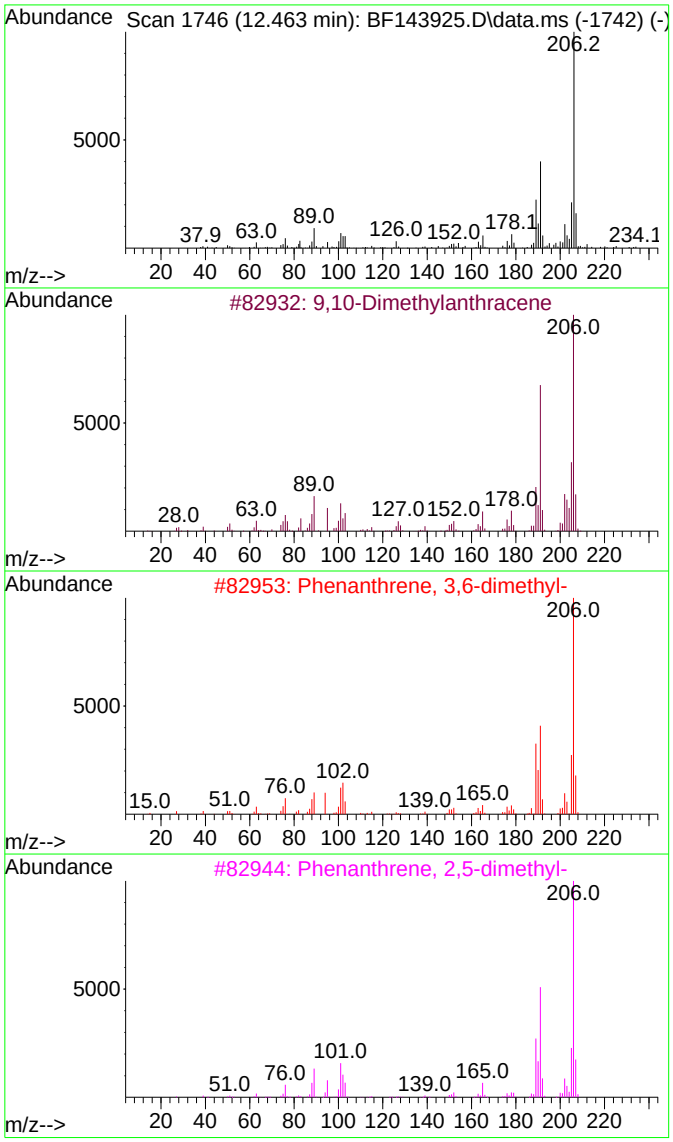
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

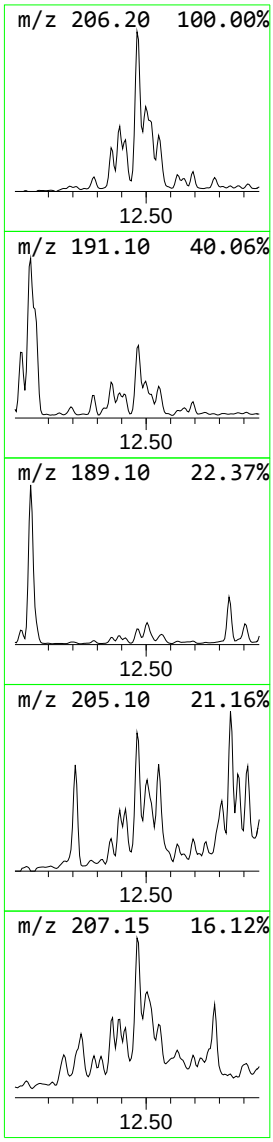
****

Peak Number 8 9,10-Dimethylanthracene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.463	4.40 ng	190190	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101025\
Data File : BF143925.D
Acq On : 10 Oct 2025 15:23
Operator : RC/JU
Sample : Q3322-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-100925

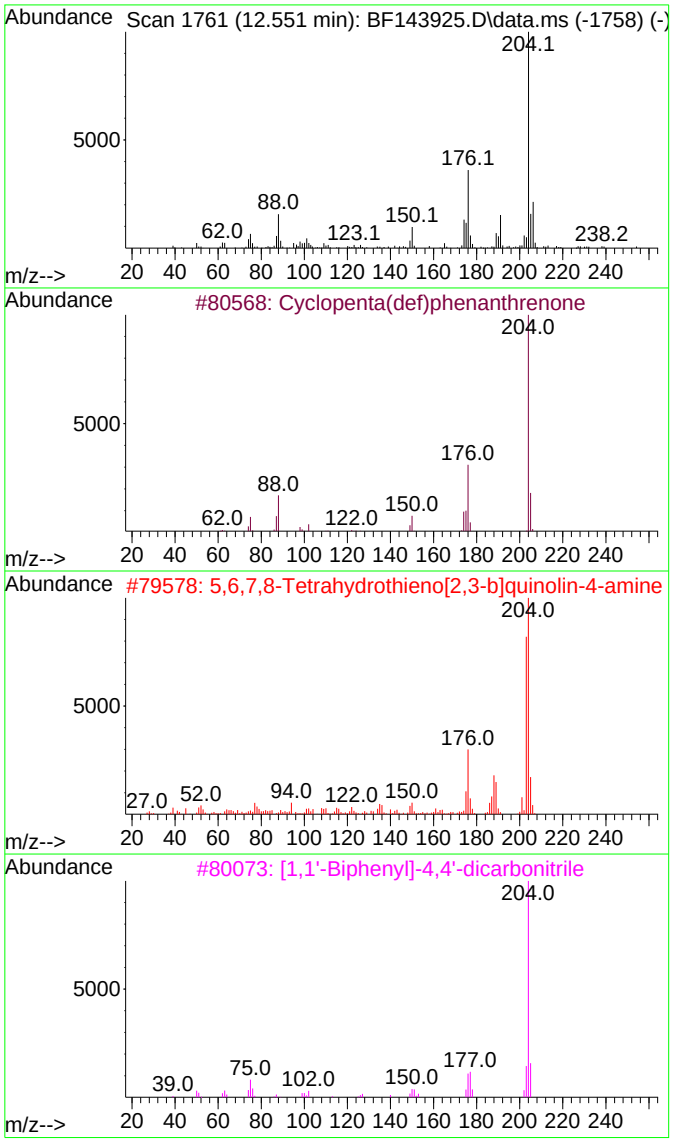
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

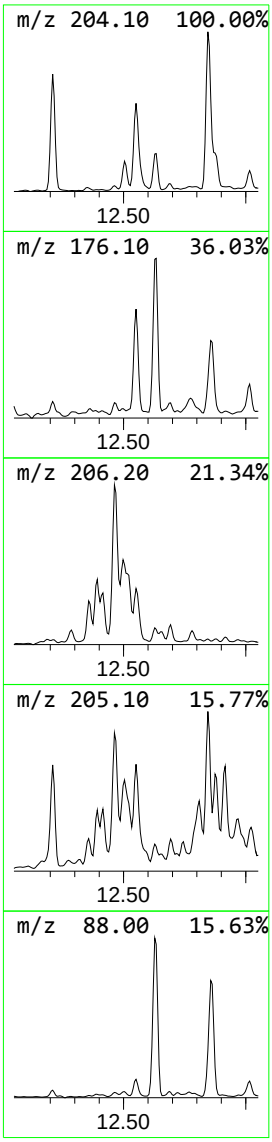
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.551	3.23 ng	139365	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	50
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
4	Acetamide, 2-(3,4-dihydro-1-isoq...	332	C17H14F2N2OS	1000270-76-1	47
5	(S)-N-(Furan-2-ylmethyl)-1-(1,2,...	511	C27H41N3O3Si2	1010498-97-4	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101025\
Data File : BF143925.D
Acq On : 10 Oct 2025 15:23
Operator : RC/JU
Sample : Q3322-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-100925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

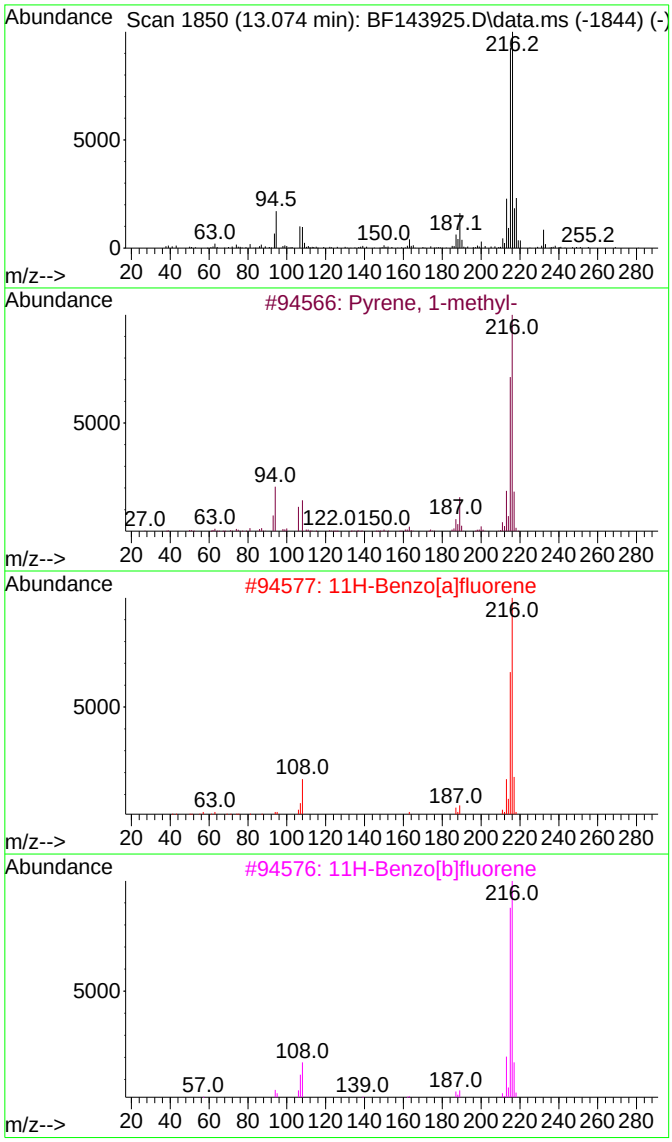
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

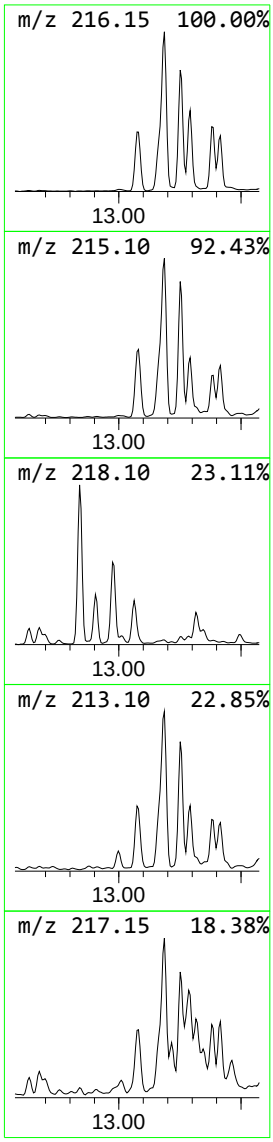
****

Peak Number 12 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.074	2.52 ng	300313	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101025\
Data File : BF143925.D
Acq On : 10 Oct 2025 15:23
Operator : RC/JU
Sample : Q3322-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-100925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

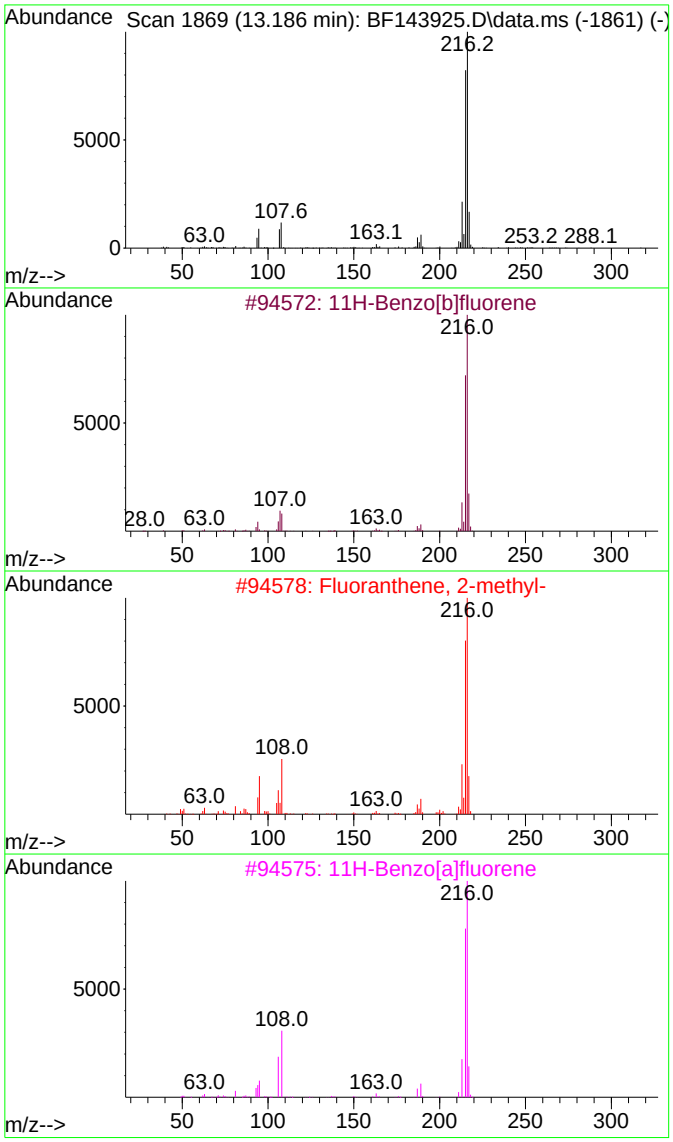
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

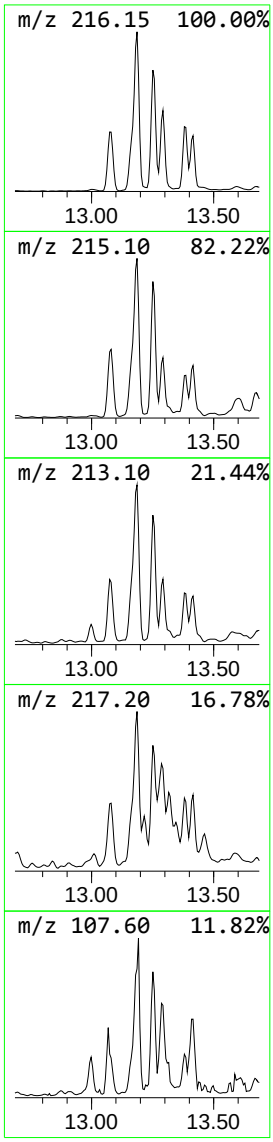
****

Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.186	4.69 ng	558000	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101025\
Data File : BF143925.D
Acq On : 10 Oct 2025 15:23
Operator : RC/JU
Sample : Q3322-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-100925

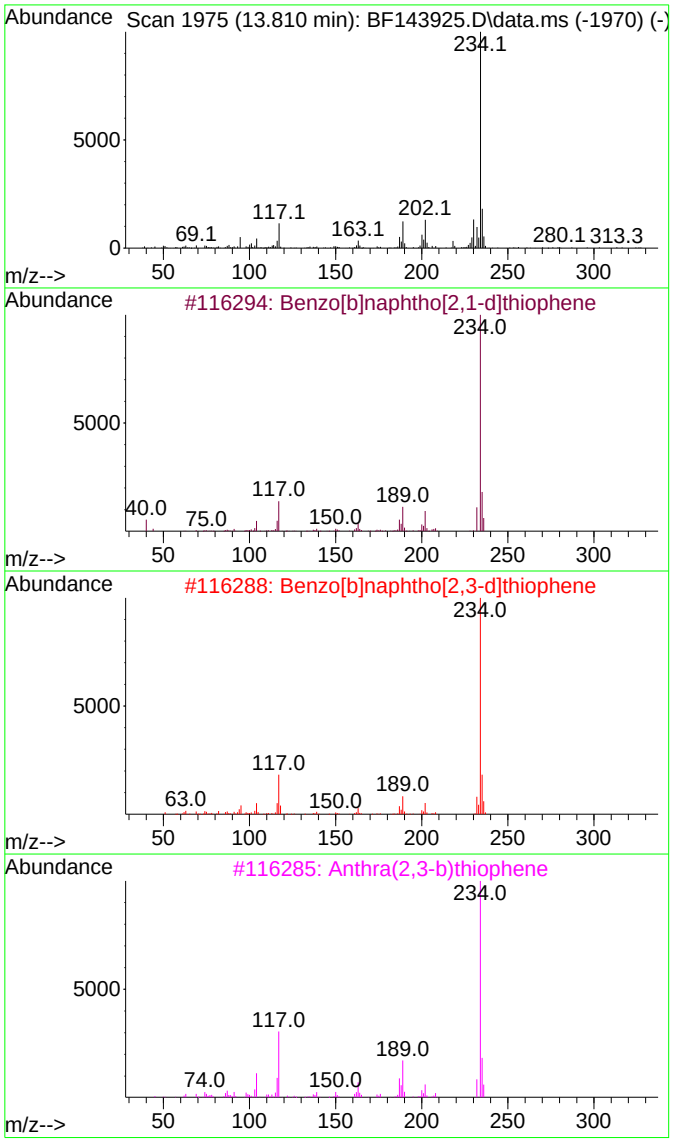
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

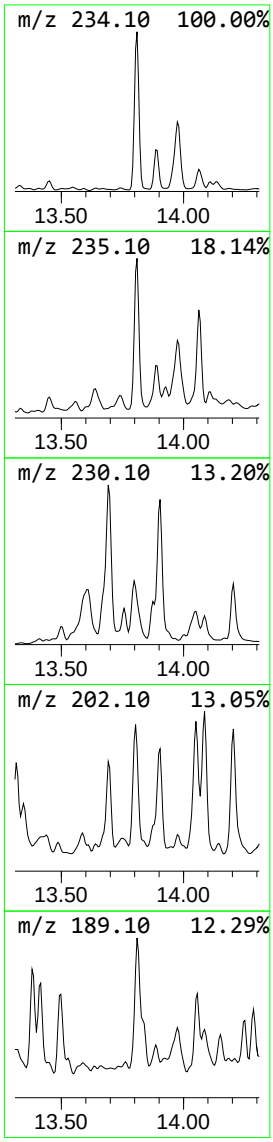
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.810	2.29 ng	272483	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
3	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	83
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	81
5	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101025\
Data File : BF143925.D
Acq On : 10 Oct 2025 15:23
Operator : RC/JU
Sample : Q3322-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-100925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

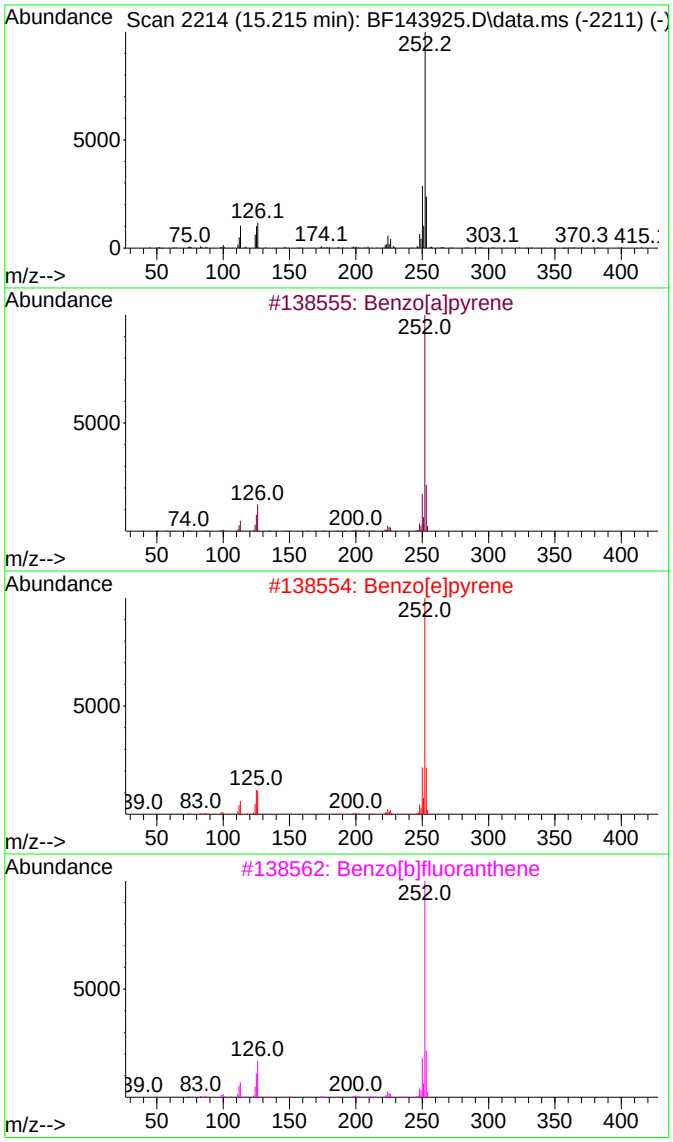
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

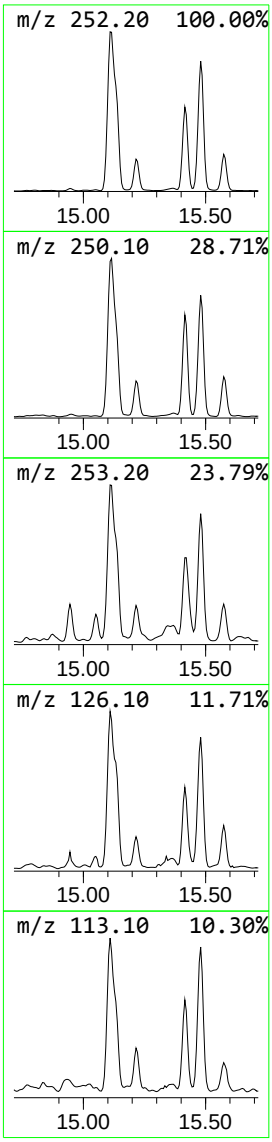
****

Peak Number 16 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.215	4.97 ng	192002	Perylene-d12	15.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	93
2	Benzo[e]pyrene	252	C20H12	000192-97-2	93
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101025\
Data File : BF143925.D
Acq On : 10 Oct 2025 15:23
Operator : RC/JU
Sample : Q3322-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-100925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

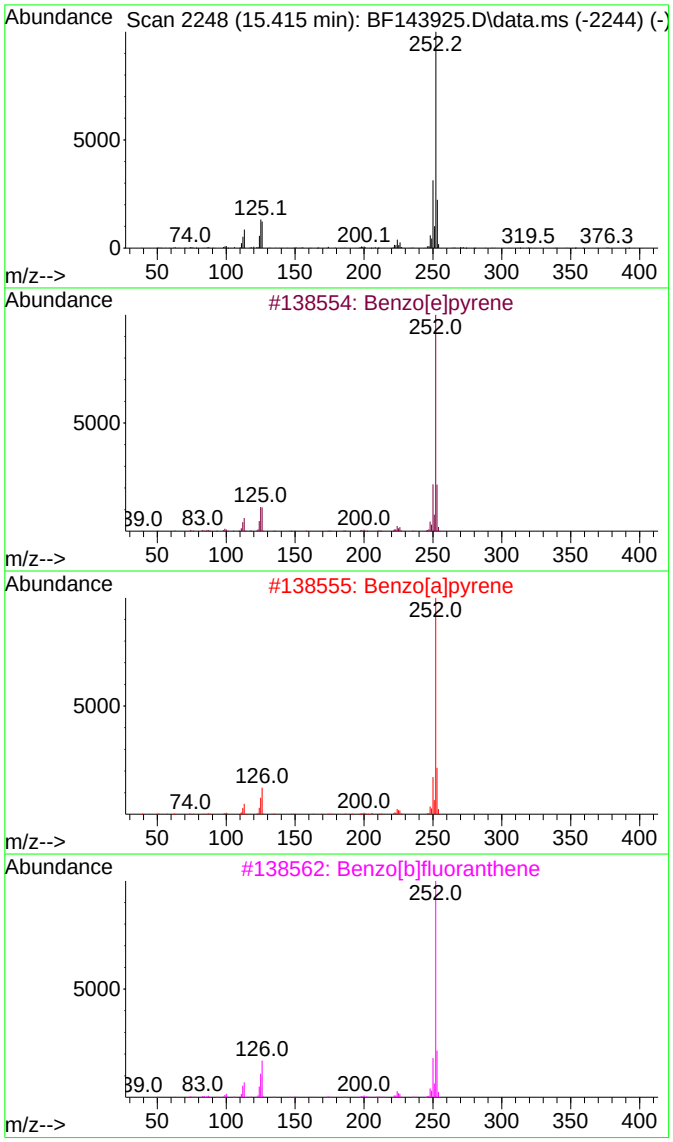
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

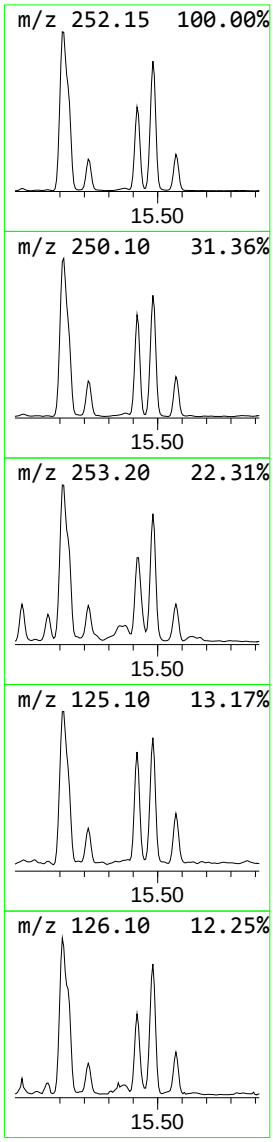
****

Peak Number 17 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.415	16.41 ng	633991	Perylene-d12	15.545

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	93
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
5	Perylene	252	C20H12	000198-55-0	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101025\
Data File : BF143925.D
Acq On : 10 Oct 2025 15:23
Operator : RC/JU
Sample : Q3322-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-100925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzophenone	10.633	3.3	ng	159557	3	9.922	955573	20.0
9H-Fluorene, 2-...	11.016	2.4	ng	105171	4	11.410	863741	20.0
Dibenzothiophene	11.304	3.1	ng	134968	4	11.410	863741	20.0
Phenanthrene, 2...	11.939	16.8	ng	724912	4	11.410	863741	20.0
Phenanthrene, 1...	11.986	2.0	ng	88709	4	11.410	863741	20.0
4H-Cyclopenta[d...	12.027	14.2	ng	612587	4	11.410	863741	20.0
6-Phenylbenzocy...	12.210	3.5	ng	150121	4	11.410	863741	20.0
9,10-Dimethylan...	12.463	4.4	ng	190190	4	11.410	863741	20.0
Cyclopenta(def)...	12.551	3.2	ng	139365	4	11.410	863741	20.0
Pyrene, 1-methyl-	13.074	2.5	ng	300313	5	14.063	2380090	20.0
11H-Benzo[b]flu...	13.186	4.7	ng	558000	5	14.063	2380090	20.0
Benzo[b]naphtho...	13.810	2.3	ng	272483	5	14.063	2380090	20.0
Benzo[e]pyrene	15.215	5.0	ng	192002	6	15.545	772825	20.0
Perylene	15.415	16.4	ng	633991	6	15.545	772825	20.0