LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
Data File : BF143744.D
Acq On : 12 Sep 2025 20:35
Operator : RC/JU
Sample : Q3082-09 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-33

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-BF091025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143744.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.499	557	562	569	rBB	57806	72463	3.24%	0.303%
2	6.504	728	733	741	rBB	61335	75334	3.37%	0.315%
3	6.893	795	799	804	rBB	117887	141913	6.34%	0.593%
4	7.445	887	893	898	rBB	37945	46677	2.09%	0.195%
5	8.175	1012	1017	1025	rBV2	144200	261070	11.67%	1.092%
6	8.887	1134	1138	1143	rBB	44500	52623	2.35%	0.220%
7	8.987	1150	1155	1160	rVB	38460	46373	2.07%	0.194%
8	9.245	1195	1199	1205	rVB	71989	86529	3.87%	0.362%
9	9.516	1240	1245	1250	rBV	32030	48718	2.18%	0.204%
10	9.587	1252	1257	1260	rBV	46408	65350	2.92%	0.273%
11	9.616	1260	1262	1265	rVB	27487	27300	1.22%	0.114%
12	9.704	1272	1277	1287	rVB2	22306	37336	1.67%	0.156%
13	9.792	1287	1292	1297	rBV	185117	224883	10.05%	0.940%
14	9.928	1306	1315	1319	rBV2	140938	204723	9.15%	0.856%
15	9.963	1319	1321	1325	rVB2	42389	44200	1.97%	0.185%
16	10.134	1343	1350	1354	rBV	136692	170857	7.63%	0.714%
17	10.169	1354	1356	1361	rVB	21232	24135	1.08%	0.101%
18	10.245	1364	1369	1372	rBV2	31875	47768	2.13%	0.200%
19	10.275	1372	1374	1379	rVB2	22712	25525	1.14%	0.107%
20	10.334	1379	1384	1390	rBV2	19578	46001	2.06%	0.192%
21	10.481	1404	1409	1414	rVB	157597	216474	9.67%	0.905%
22	10.539	1414	1419	1425	rBV4	11315	31383	1.40%	0.131%
23	10.634	1431	1435	1443	rVB2	68180	91678	4.10%	0.383%
24	10.716	1444	1449	1454	rVV	125048	174822	7.81%	0.731%
25	10.845	1466	1471	1476	rVB	22942	31760	1.42%	0.133%
26	11.028	1493	1502	1505	rBV4	48200	85956	3.84%	0.359%
27	11.157	1519	1524	1526	rBV	41949	63596	2.84%	0.266%
28	11.222	1532	1535	1539	rVB	71943	87763	3.92%	0.367%
29	11.269	1539	1543	1547	rBV	42358	58969	2.63%	0.247%
30	11.316	1547	1551	1557	rVB	112124	147722	6.60%	0.618%
31	11.451	1561	1574	1578	rBV	1385551	2119094	94.69%	8.861%
32	11.498	1578	1582	1592	rVB	367103	500898	22.38%	2.095%
33	11.575	1592	1595	1602	rVB2	15398	25475	1.14%	0.107%
34	11.645	1602	1607	1615	rBV2	90261	163227	7.29%	0.683%
35	11.716	1615	1619	1622	rVV2	39884	55343	2.47%	0.231%
36	11.751	1622	1625	1629	rVV4	32511	43297	1.93%	0.181%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
Data File : BF143744.D
Acq On : 12 Sep 2025 20:35
Operator : RC/JU
Sample : Q3082-09 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-33

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-BF091025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.833	1636	1639	1643	rVB2	17598	24266	1.08%	0.101%
38	11.922	1649	1654	1656	rBV	160270	215256	9.62%	0.900%
39	11.951	1656	1659	1663	rVB	237677	298951	13.36%	1.250%
40	11.998	1663	1667	1670	rBV	99700	125580	5.61%	0.525%
41	12.039	1670	1674	1681	rVB2	255513	470136	21.01%	1.966%
42	12.216	1700	1704	1707	rBV	128377	172837	7.72%	0.723%
43	12.369	1725	1730	1732	rBV4	33859	45263	2.02%	0.189%
44	12.422	1737	1739	1742	rVB	32228	32268	1.44%	0.135%
45	12.475	1742	1748	1751	rBV	90907	153995	6.88%	0.644%
46	12.516	1751	1755	1760	rVB2	39823	70221	3.14%	0.294%
47	12.563	1760	1763	1769	rVB	104723	149618	6.69%	0.626%
48	12.645	1770	1777	1782	rBV	1477277	2159002	96.47%	9.028%
49	12.698	1782	1786	1788	rBV2	29220	40307	1.80%	0.169%
50	12.733	1788	1792	1795	rVB	158931	185846	8.30%	0.777%
51	12.786	1795	1801	1809	rVB3	83679	171818	7.68%	0.718%
52	12.875	1809	1816	1821	rBV2	1321111	2238012	100.00%	9.359%
53	12.916	1821	1823	1828	rVB2	86444	104844	4.68%	0.438%
54	12.986	1829	1835	1837	rBV	109622	177479	7.93%	0.742%
55	13.080	1845	1851	1859	rBV3	130758	290427	12.98%	1.214%
56	13.192	1859	1870	1874	rVV2	167698	380633	17.01%	1.592%
57	13.257	1874	1881	1884	rVV	79048	133791	5.98%	0.559%
58	13.298	1884	1888	1892	rVV2	166721	254694	11.38%	1.065%
59	13.357	1895	1898	1900	rVV	25777	34799	1.55%	0.146%
60	13.392	1900	1904	1906	rVV	68820	97722	4.37%	0.409%
61	13.422	1906	1909	1917	rVB2	82312	127902	5.71%	0.535%
62	13.592	1931	1938	1944	rBV7	42945	125303	5.60%	0.524%
63	13.698	1952	1956	1961	rVB	135192	190553	8.51%	0.797%
64	13.810	1970	1975	1978	rBV2	133013	217275	9.71%	0.909%
65	13.839	1978	1980	1983	rVV	136214	197012	8.80%	0.824%
66	13.869	1983	1985	1989	rVV2	135923	196088	8.76%	0.820%
67	13.910	1989	1992	1998	rVB	149669	202012	9.03%	0.845%
68	13.986	1999	2005	2010	rBV	46295	108692	4.86%	0.455%
69	14.063	2011	2018	2021	rBV2	957274	1617245	72.26%	6.763%
70	14.098	2021	2024	2030	rVB	720333	975714	43.60%	4.080%
71	14.174	2033	2037	2040	rBV	72338	81282	3.63%	0.340%
72	14.210	2040	2043	2047	rVV2	55009	65825	2.94%	0.275%
73	14.286	2053	2056	2060	rVB2	67166	77805	3.48%	0.325%
74	14.386	2069	2073	2075	rBV3	29663	44292	1.98%	0.185%
75	14.451	2080	2084	2087	rVV	139651	189245	8.46%	0.791%
76	14.480	2087	2089	2093	rVB	65144	78061	3.49%	0.326%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
Data File : BF143744.D
Acq On : 12 Sep 2025 20:35
Operator : RC/JU
Sample : Q3082-09 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-33

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-BF091025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.539	2095	2099	2102	rBV2	46394	68025	3.04%	0.284%
78	14.574	2102	2105	2107	rBV4	48168	55868	2.50%	0.234%
79	14.645	2113	2117	2123	rVB4	61154	109942	4.91%	0.460%
80	14.763	2132	2137	2139	rBV4	51250	84542	3.78%	0.354%
81	14.839	2147	2150	2153	rBV4	21539	28256	1.26%	0.118%
82	14.951	2162	2169	2177	rVB2	58744	148907	6.65%	0.623%
83	15.021	2177	2181	2184	rBV3	33973	52858	2.36%	0.221%
84	15.127	2191	2199	2207	rBV	610576	1607122	71.81%	6.721%
85	15.227	2212	2216	2221	rVB	149626	206911	9.25%	0.865%
86	15.333	2227	2234	2238	rBV3	40673	113108	5.05%	0.473%
87	15.427	2244	2250	2256	rVB2	310743	545701	24.38%	2.282%
88	15.498	2256	2262	2267	rVB	537941	867070	38.74%	3.626%
89	15.557	2267	2272	2274	rBV	120371	201662	9.01%	0.843%
90	15.586	2274	2277	2283	rVB2	171217	263020	11.75%	1.100%
91	15.992	2341	2346	2350	rBV2	21930	40142	1.79%	0.168%
92	16.039	2350	2354	2359	rVV4	16179	29706	1.33%	0.124%
93	16.121	2365	2368	2377	rVB2	27537	46649	2.08%	0.195%
94	16.874	2486	2496	2510	rVB4	39189	152648	6.82%	0.638%
95	17.051	2518	2526	2534	rVB2	197933	449829	20.10%	1.881%
96	17.227	2551	2556	2561	rBV	39693	73779	3.30%	0.309%
97	17.292	2562	2567	2574	rVV3	34748	72880	3.26%	0.305%
98	17.510	2595	2604	2616	rVB	137446	335259	14.98%	1.402%
99	17.739	2637	2643	2659	rVB2	50993	136012	6.08%	0.569%
100	18.692	2796	2805	2821	rVB2	11190	54369	2.43%	0.227%

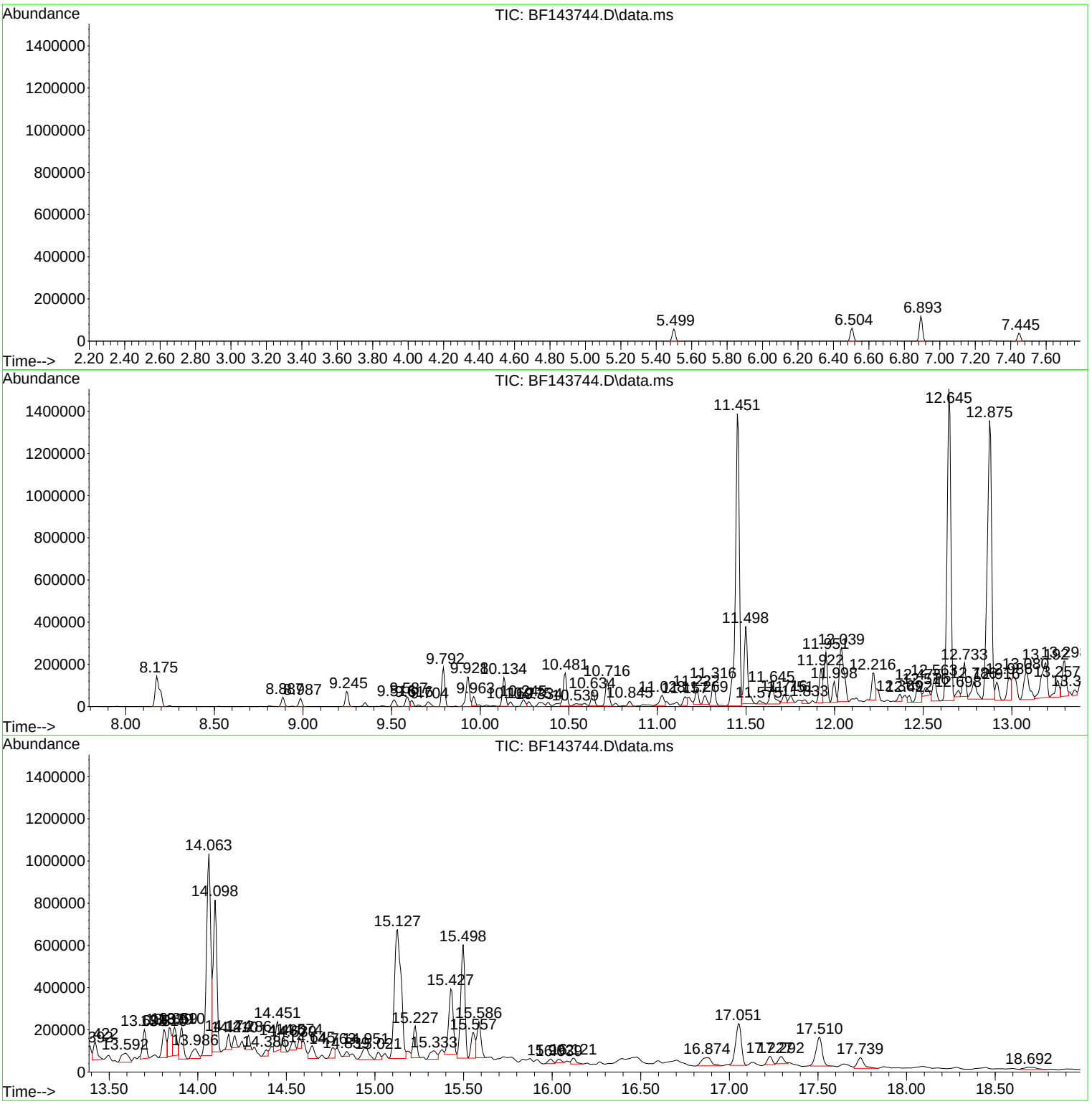
Sum of corrected areas: 23913571

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
Data File : BF143744.D
Acq On : 12 Sep 2025 20:35
Operator : RC/JU
Sample : Q3082-09 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-33

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.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\BF091225\
Data File : BF143744.D
Acq On : 12 Sep 2025 20:35
Operator : RC/JU
Sample : Q3082-09 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-33

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

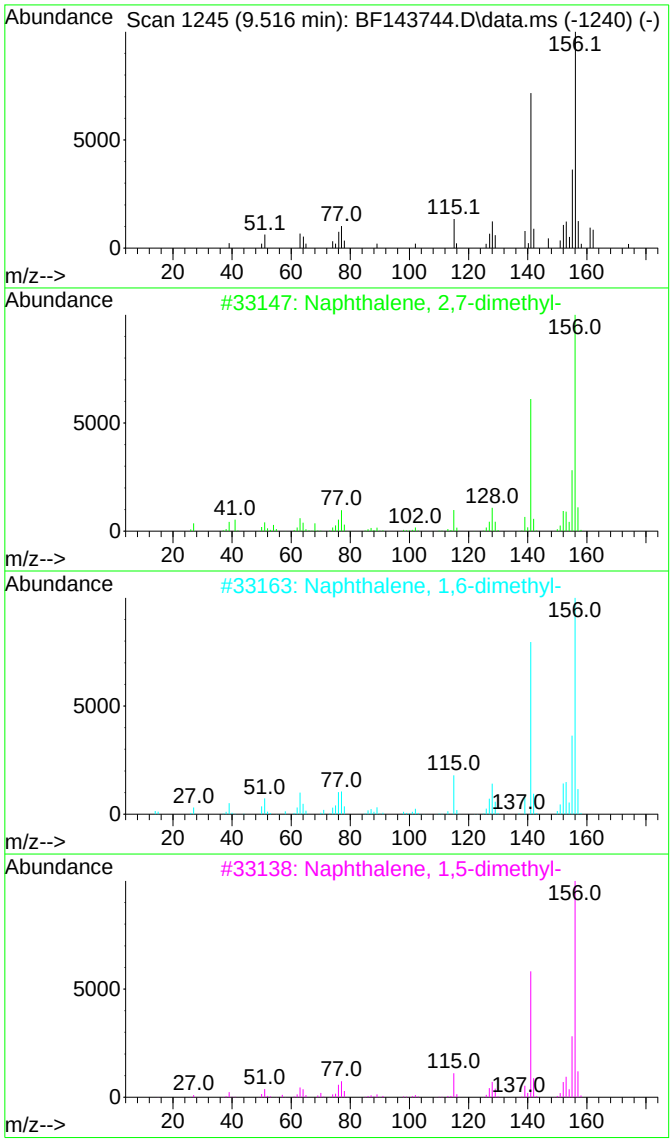
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

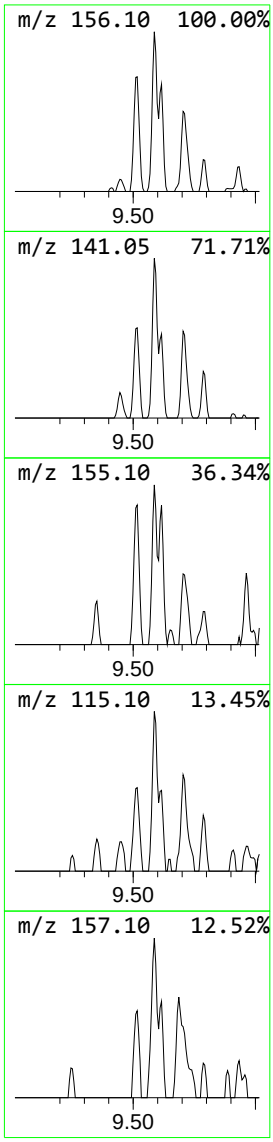
****

Peak Number 1 Naphthalene, 2,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.516	4.76 ng	48718	Acenaphthene-d10	9.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
Data File : BF143744.D
Acq On : 12 Sep 2025 20:35
Operator : RC/JU
Sample : Q3082-09 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-33

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

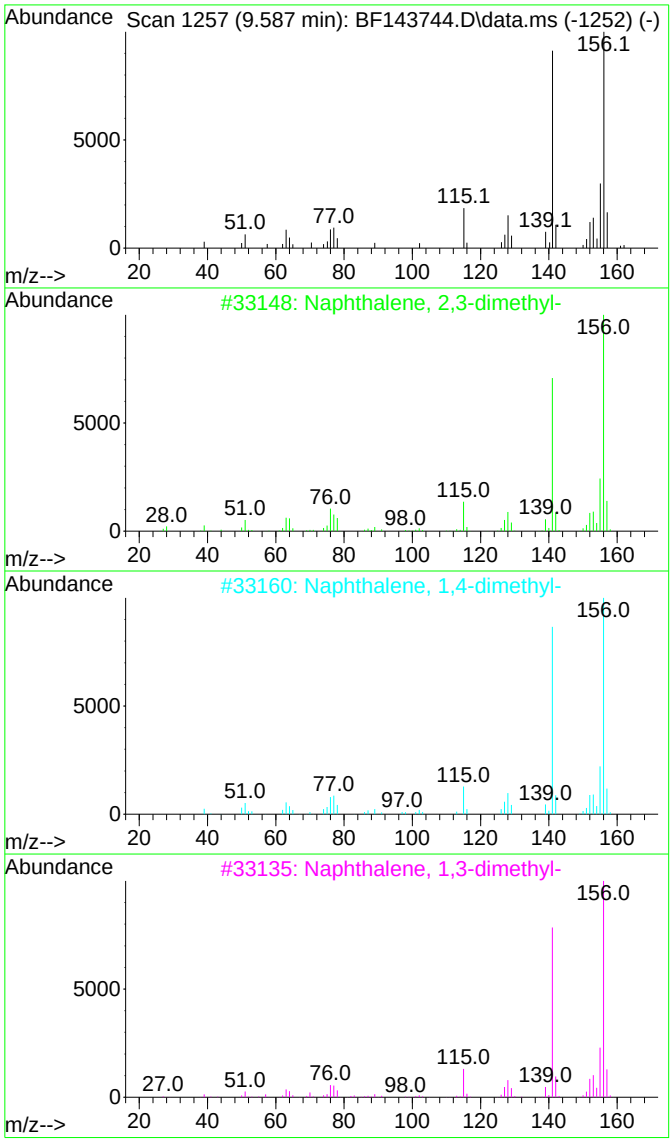
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

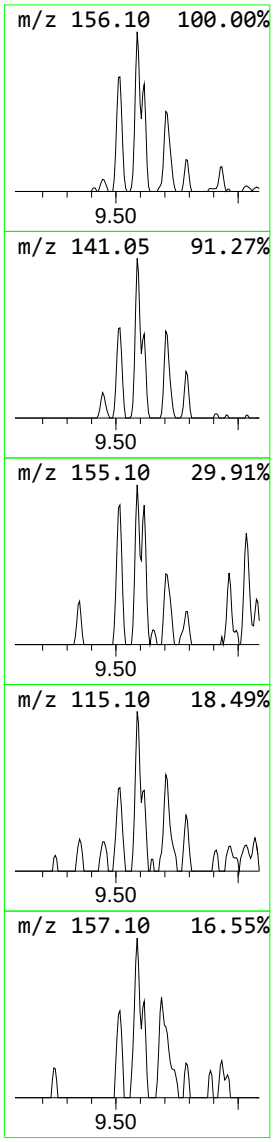
****

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.587	6.38 ng	65350	Acenaphthene-d10	9.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
Data File : BF143744.D
Acq On : 12 Sep 2025 20:35
Operator : RC/JU
Sample : Q3082-09 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-33

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.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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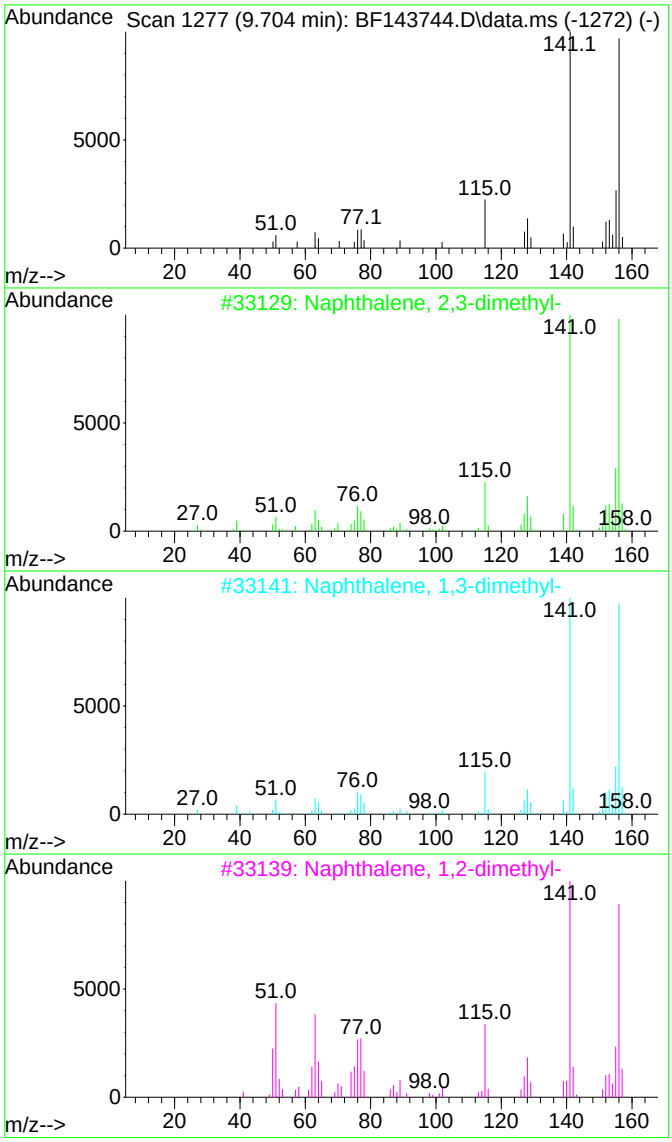
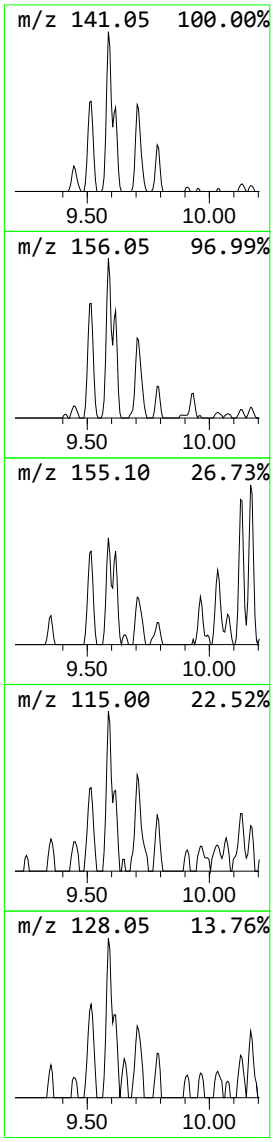
Peak Number 3 Naphthalene, 1,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.704	3.65 ng	37336	Acenaphthene-d10	9.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	93
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
Data File : BF143744.D
Acq On : 12 Sep 2025 20:35
Operator : RC/JU
Sample : Q3082-09 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-33

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.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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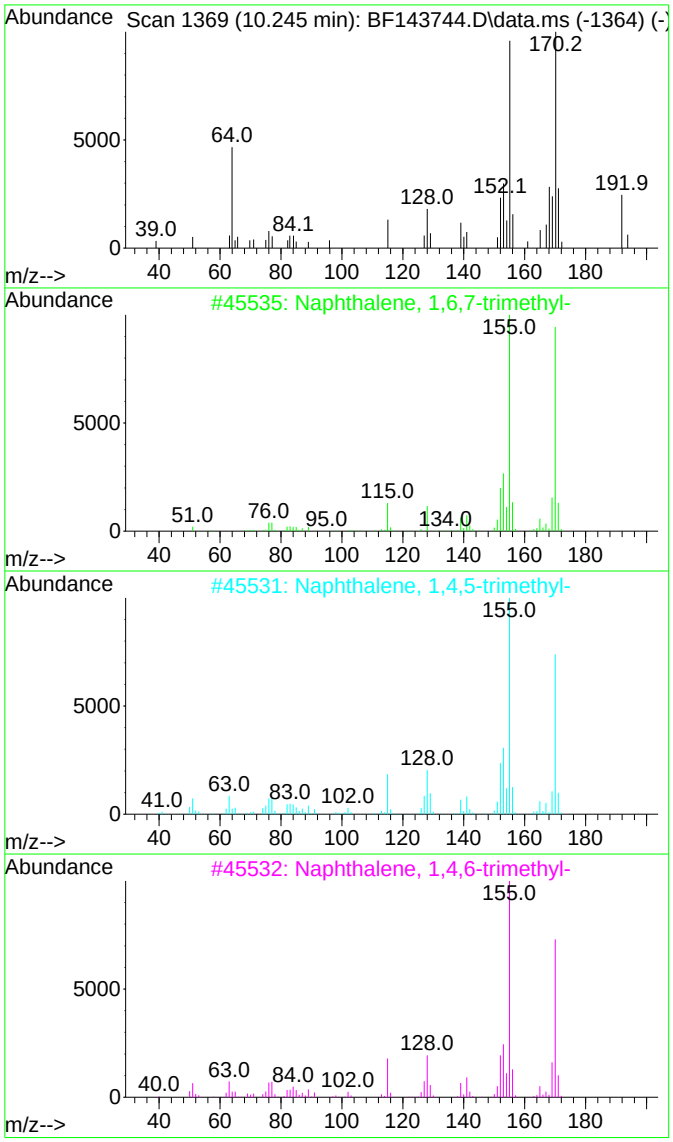
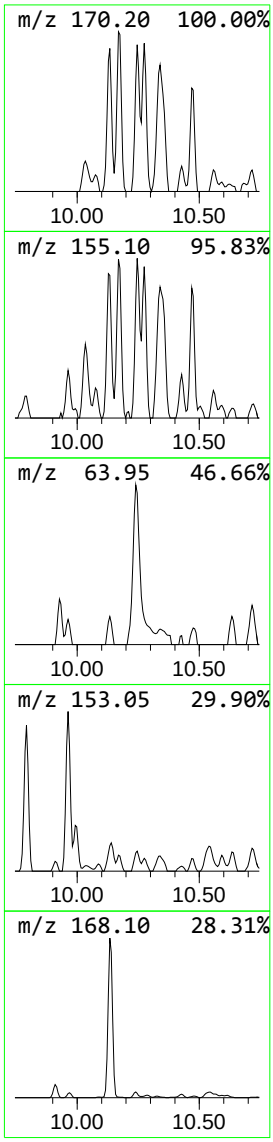
Peak Number 4 Naphthalene, 1,6,7-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.245	4.67 ng	47768	Acenaphthene-d10	9.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	89
2	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	86
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	64
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	50
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
Data File : BF143744.D
Acq On : 12 Sep 2025 20:35
Operator : RC/JU
Sample : Q3082-09 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-33

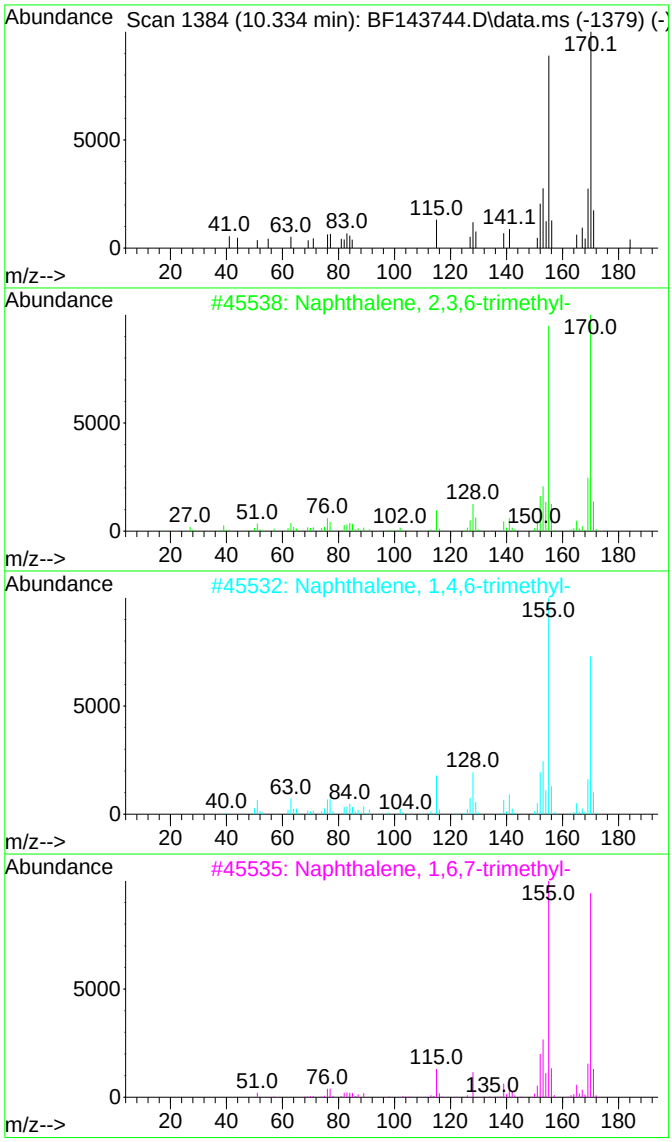
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

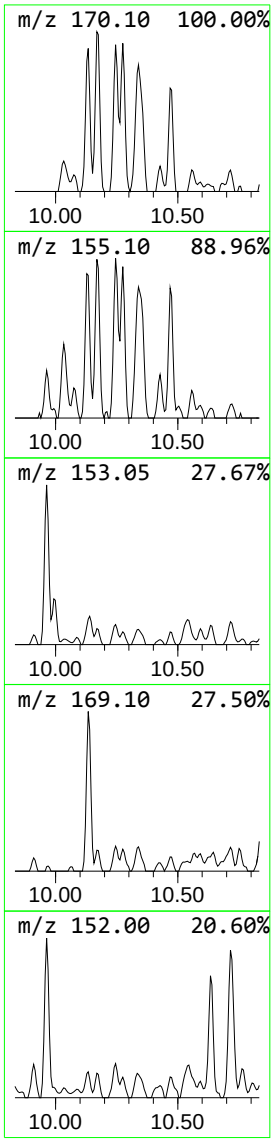
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 2,3,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.334	4.49 ng	46001	Acenaphthene-d10	9.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	91





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Acq On : 12 Sep 2025 20:35
Operator : RC/JU
Sample : Q3082-09 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-33

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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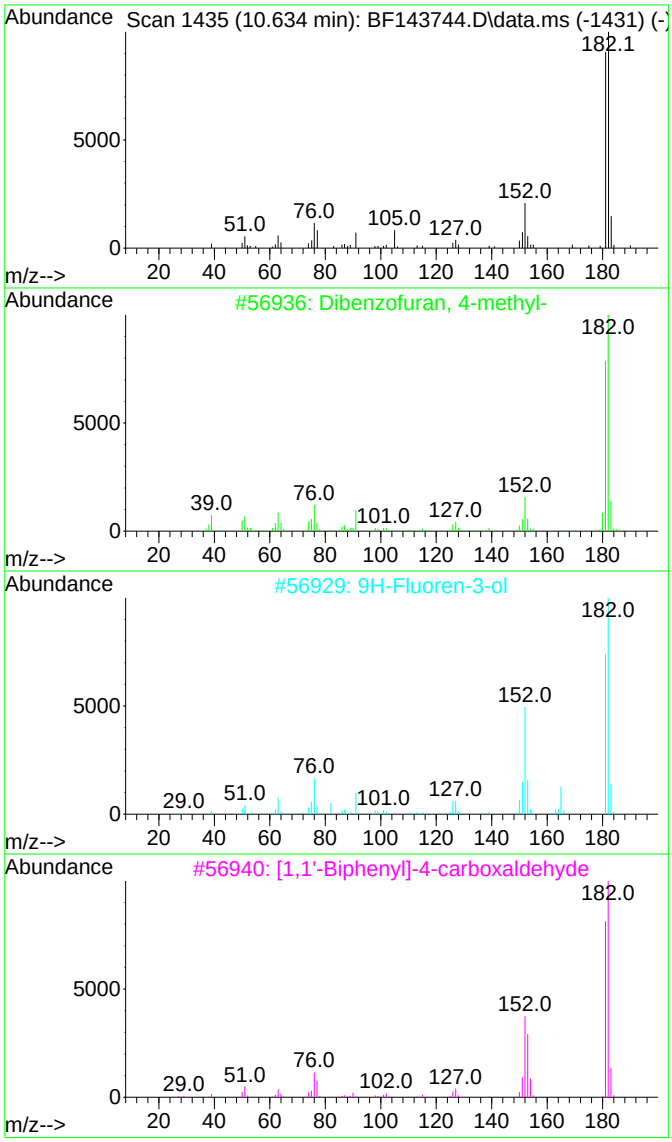
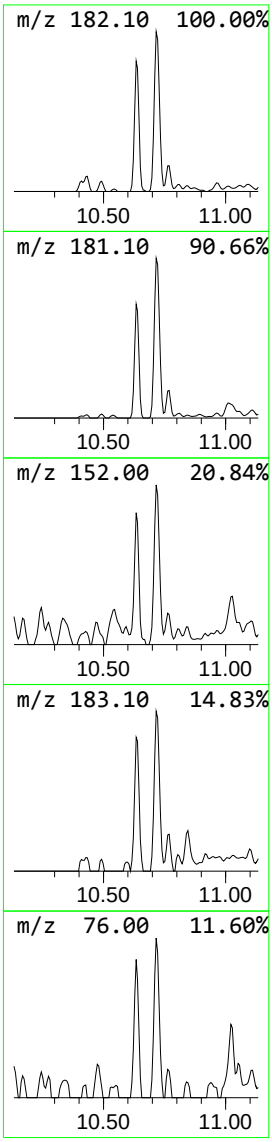
Peak Number 6 Dibenzofuran, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.634	8.96 ng	91678	Acenaphthene-d10	9.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	94
2	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	91
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
4	8-Methyl-5H-pyrido[4,3-b]indole	182	C12H10N2	088894-13-7	72
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72





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Misc :
ALS Vial : 21 Sample Multiplier: 1

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

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

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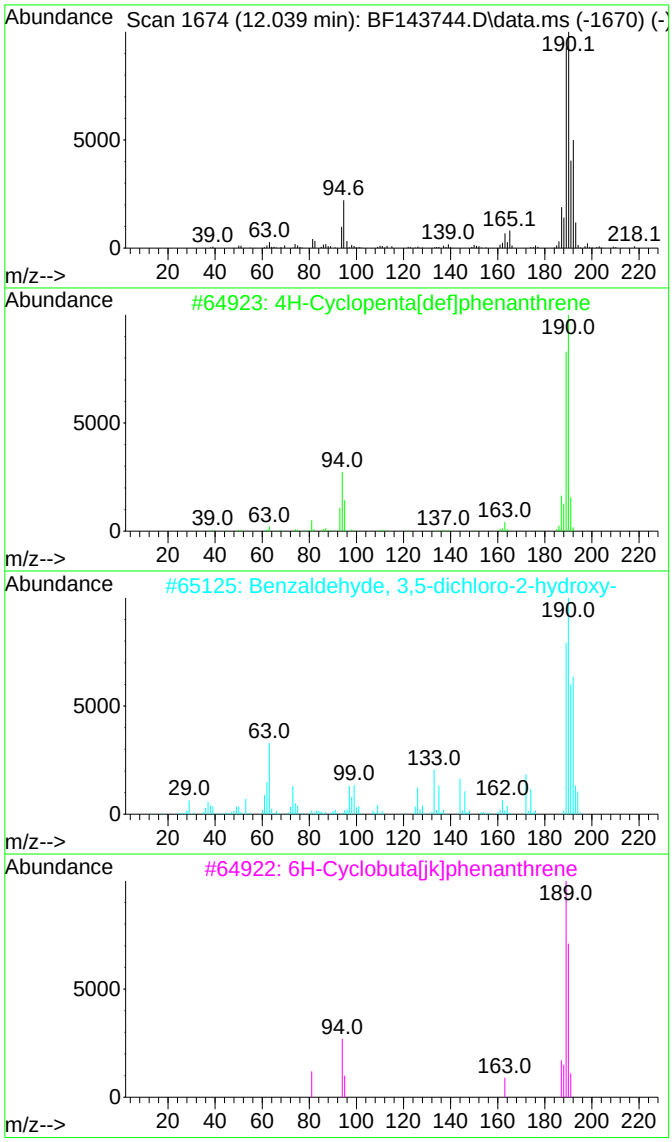
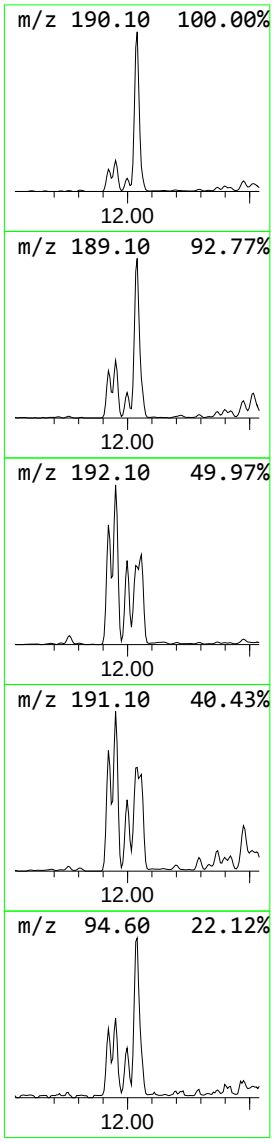
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.039	4.44 ng	470136	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	53
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
4	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	42
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40





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Misc :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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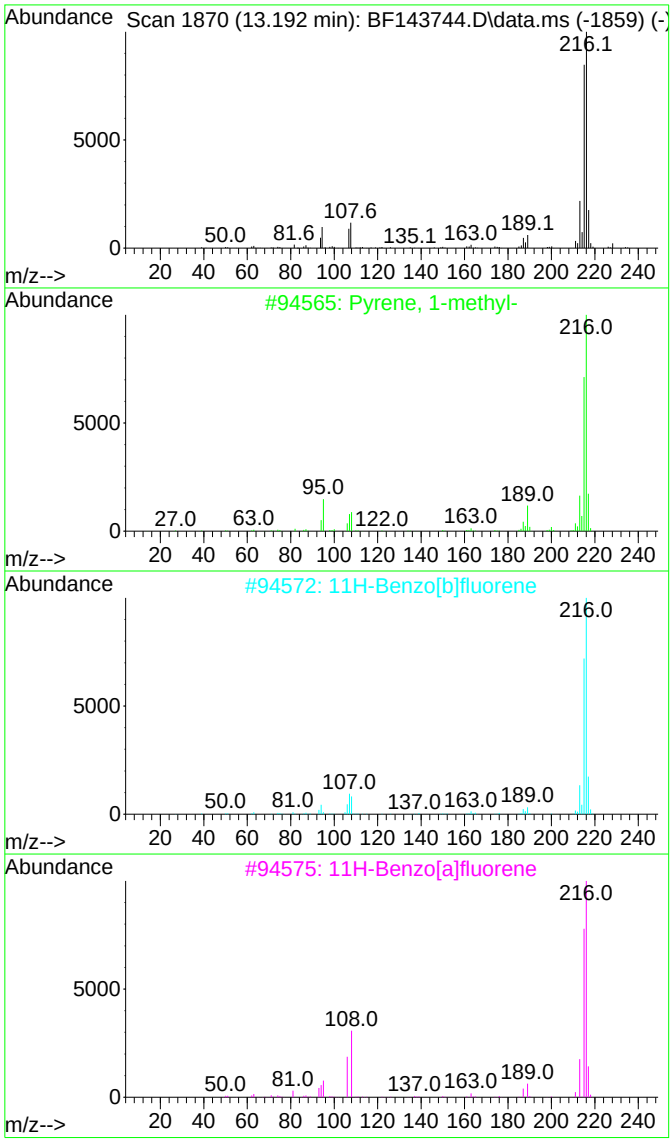
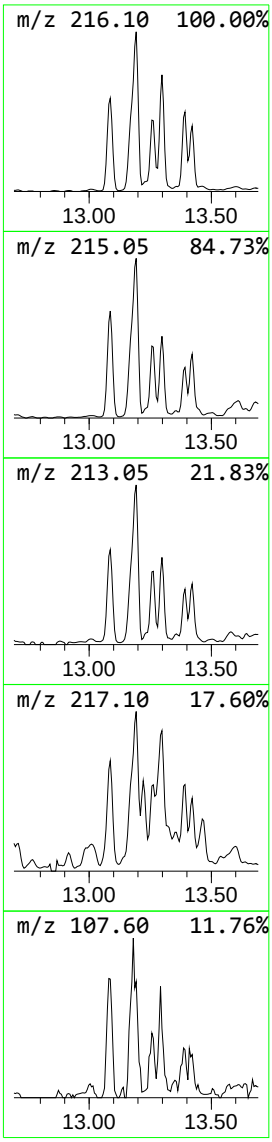
Peak Number 8 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.192	4.71 ng	380633	Chrysene-d12	14.069

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	87
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





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Sample : Q3082-09 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

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

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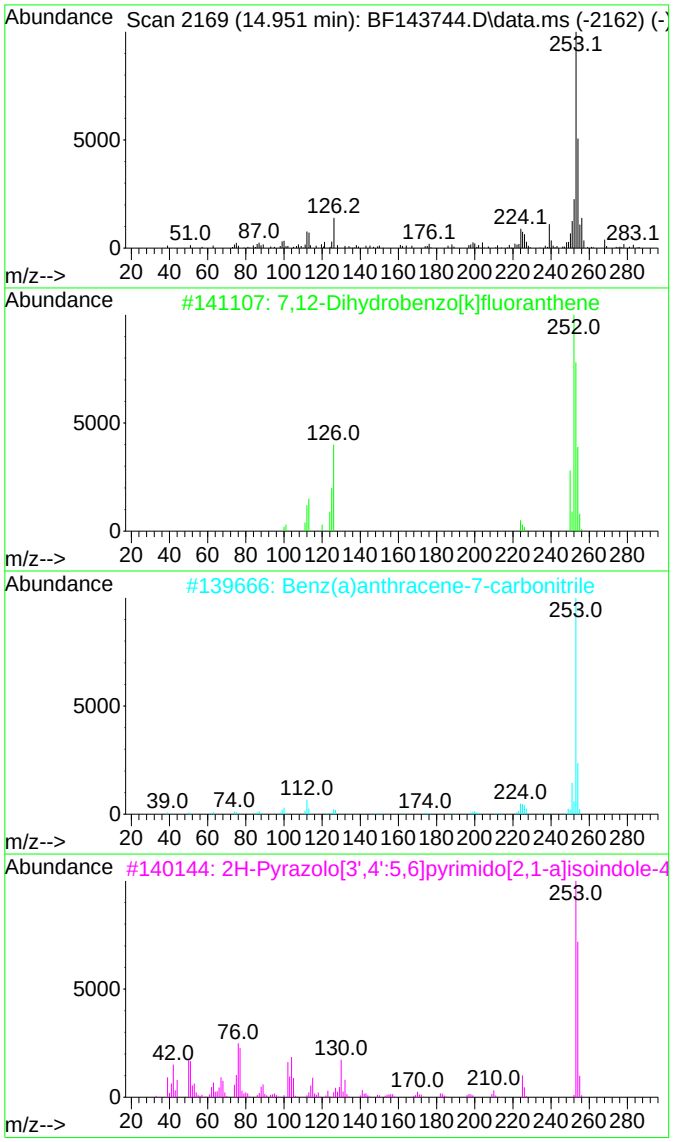
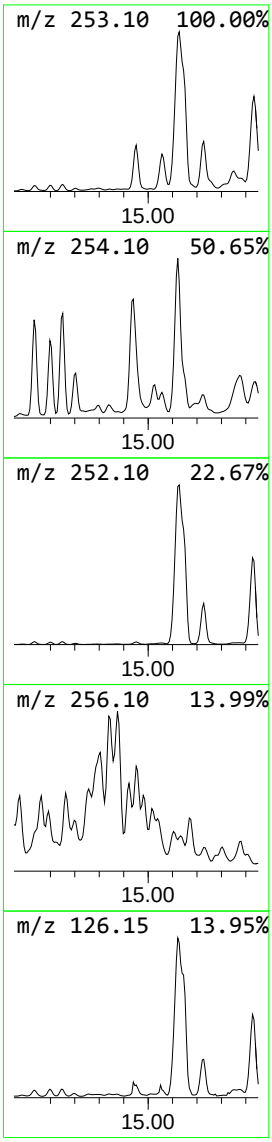
Peak Number 9 7,12-Dihydrobenzo[k]fluoran... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.951	14.77 ng	148907	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	62
2	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	55
3	2H-Pyrazolo[3',4':5,6]pyrimido[2...	254	C13H10N4O2	1000318-77-9	50
4	N-(4-Phenyl-1,3-thiazol-2-yl)-2-...	253	C14H11N3S	1000485-04-5	49
5	1,1'-Binaphthalene	254	C20H14	000604-53-5	49





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Sample : Q3082-09 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

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

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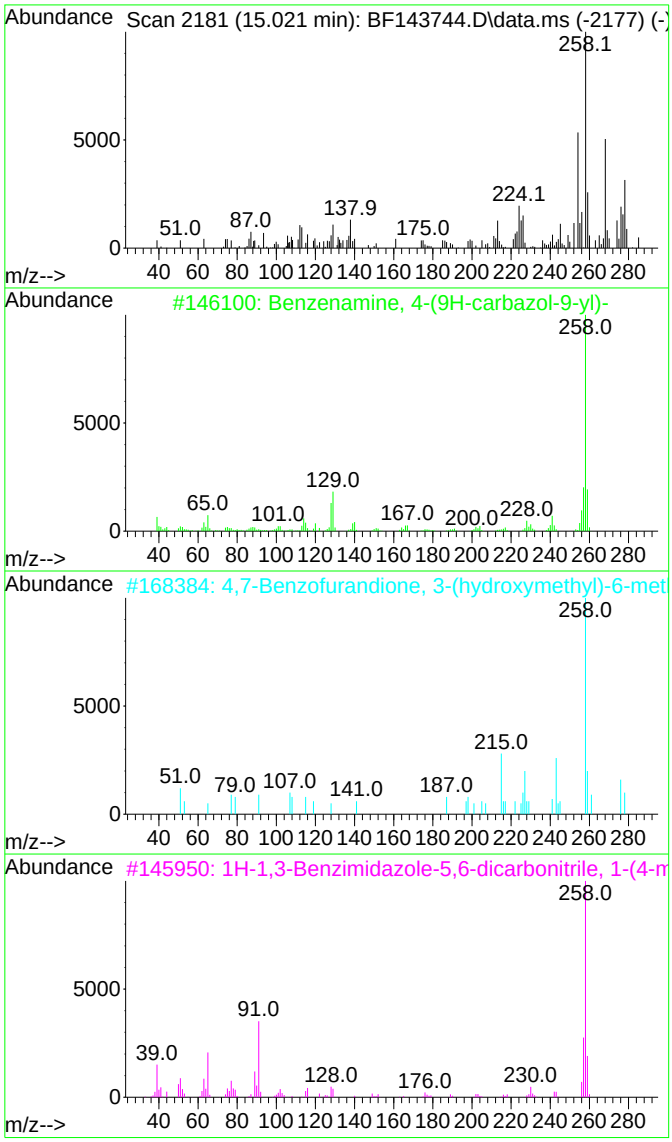
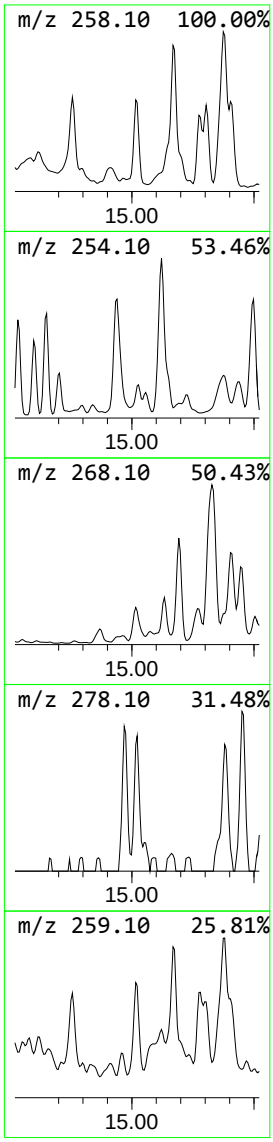
Peak Number 10 unknown15.022 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.022	5.24 ng	52858	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 4-(9H-carbazol-9-yl)-	258	C18H14N2	052708-37-9	25
2	4,7-Benzofurandione, 3-(hydroxym...	276	C15H16O5	041555-16-2	25
3	1H-1,3-Benzimidazole-5,6-dicarbo...	258	C16H10N4	1000351-17-5	22
4	1-Dimethylphenylsilyloxy-4-metho...	258	C15H18O2Si	1000307-90-7	22
5	9,10-Anthracenedione, 1-chloro-4...	258	C14H7ClO3	000082-42-8	22





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Sample : Q3082-09 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

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

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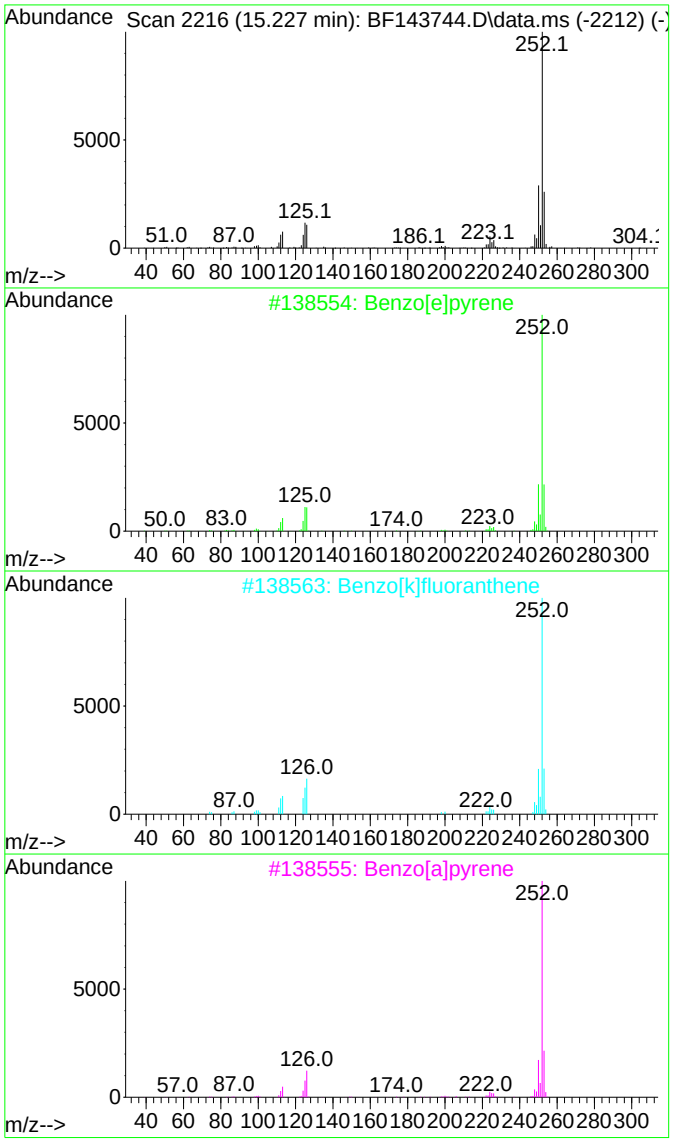
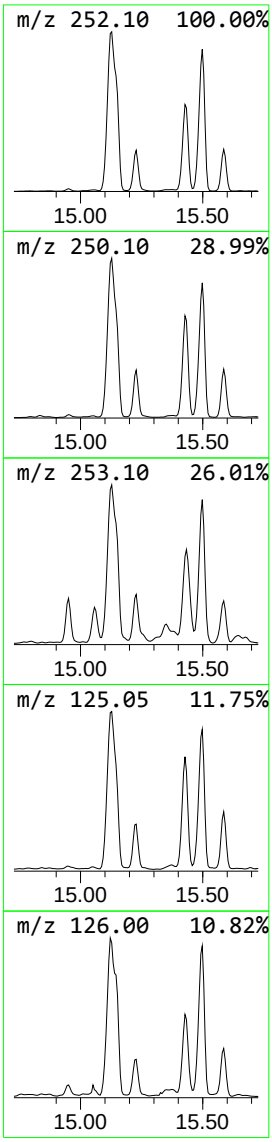
Peak Number 11 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.227	20.52 ng	206911	Perylene-d12	15.557

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	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90





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Sample : Q3082-09 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

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

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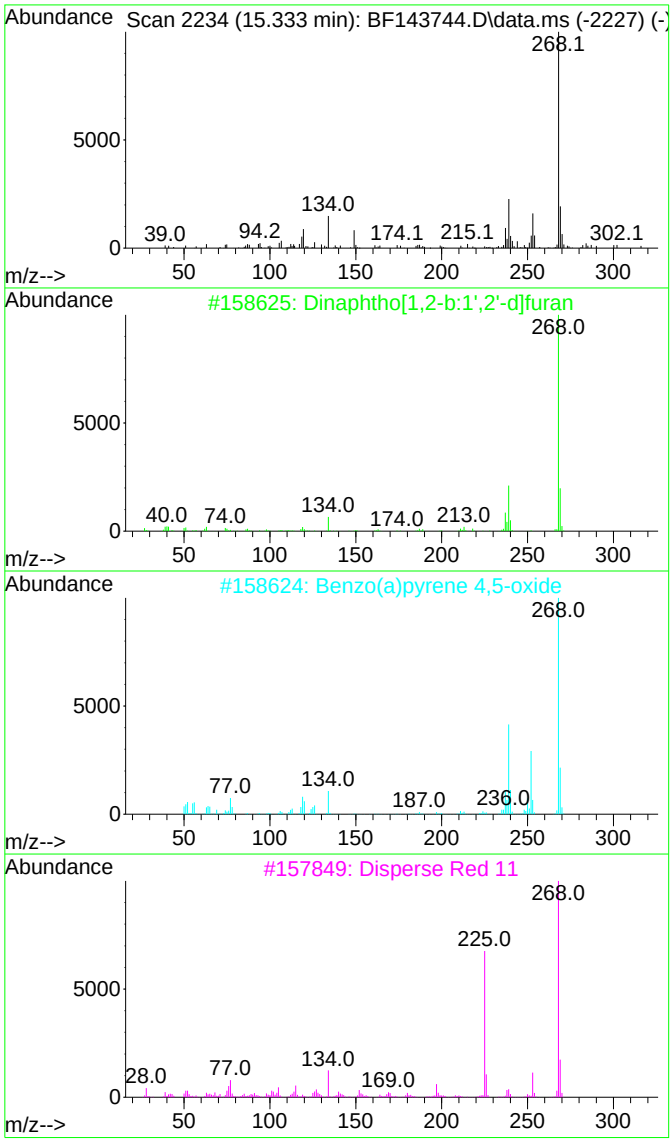
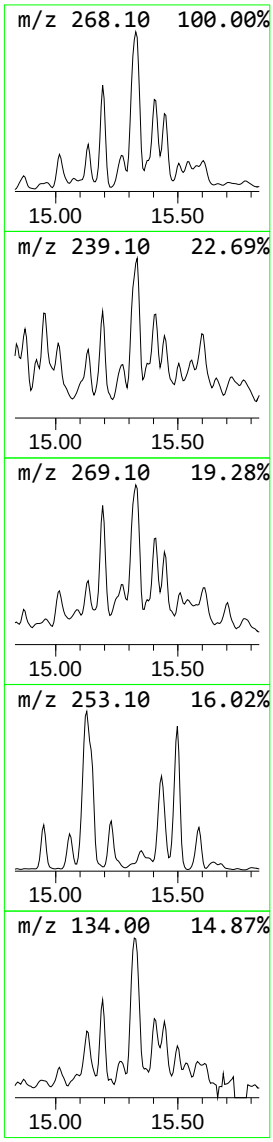
Peak Number 12 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.333	11.22 ng	113108	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	87
2	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	83
3	Disperse Red 11	268	C15H12N2O3	002872-48-2	72
4	Coumaran-6-ol-3-one, 2-[4-methox...	268	C16H12O4	020727-61-1	64
5	7-Hydroxy-3-(2-methoxyphenyl)cou...	268	C16H12O4	549501-06-6	64





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Misc :
ALS Vial : 21 Sample Multiplier: 1

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

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

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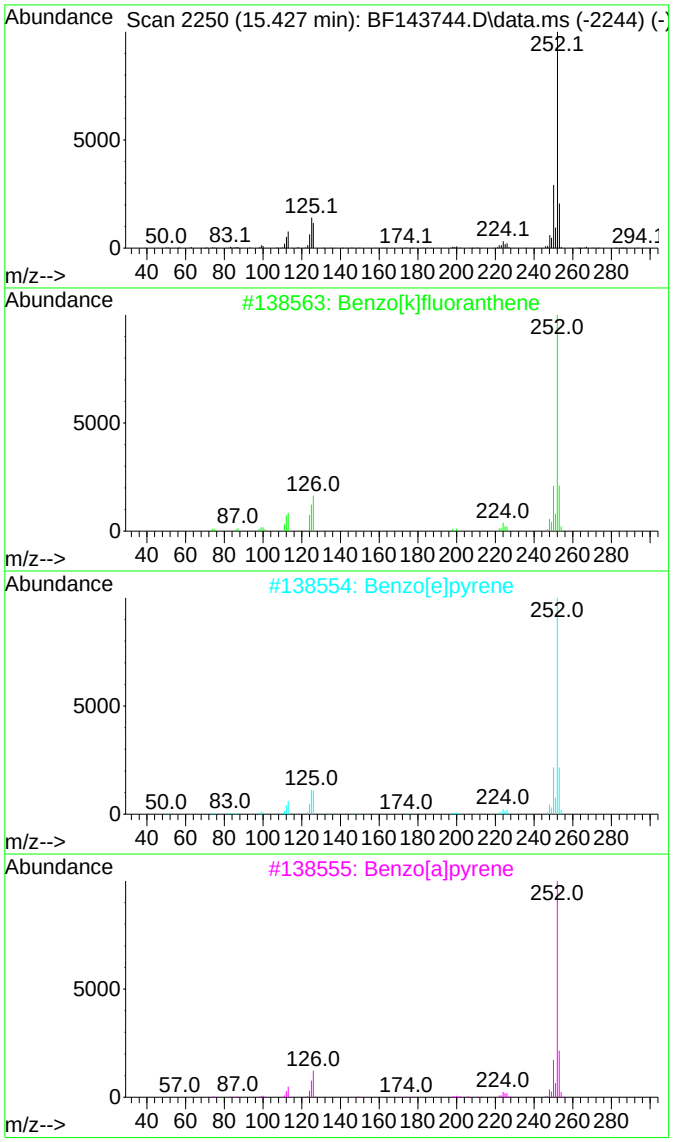
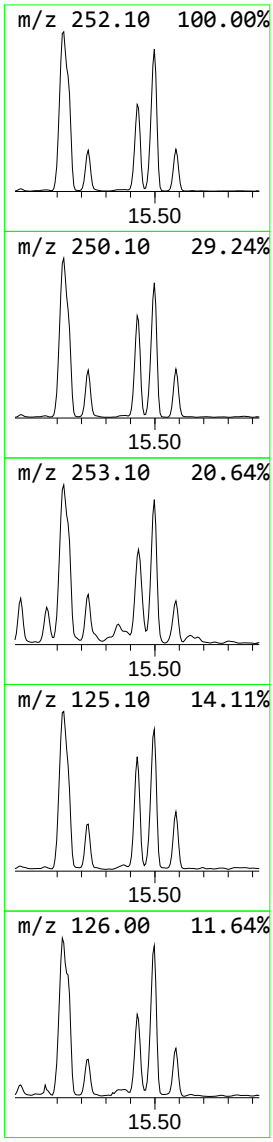
Peak Number 13 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.427	54.12 ng	545701	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
2	Benzo[e]pyrene	252	C20H12	000192-97-2	94
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Perylene	252	C20H12	000198-55-0	93





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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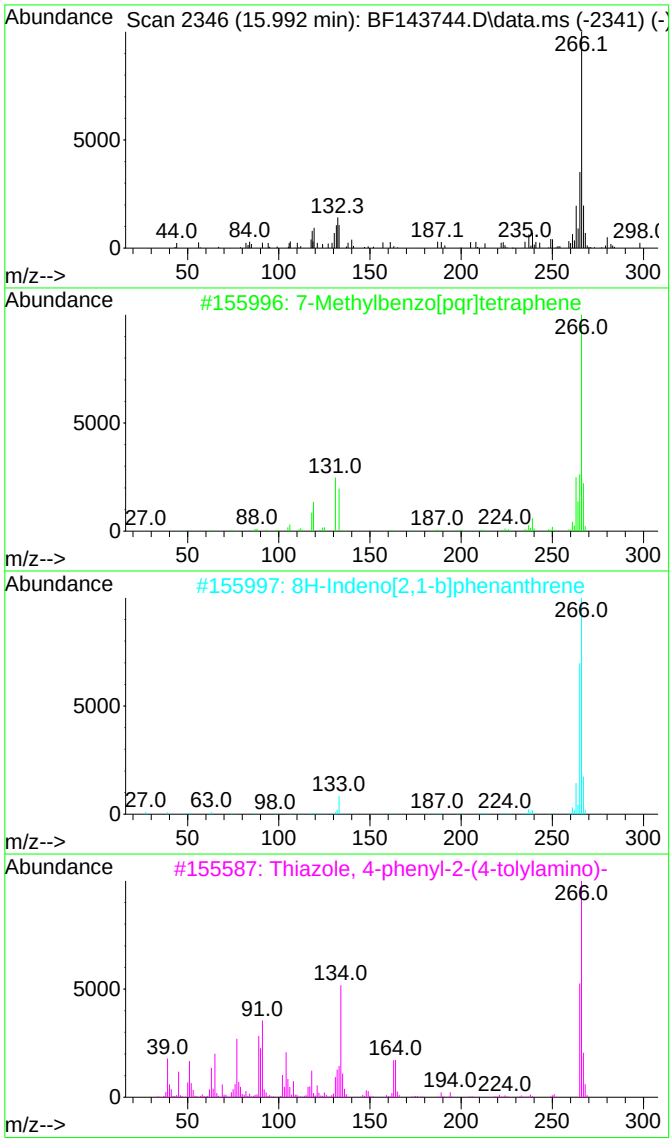
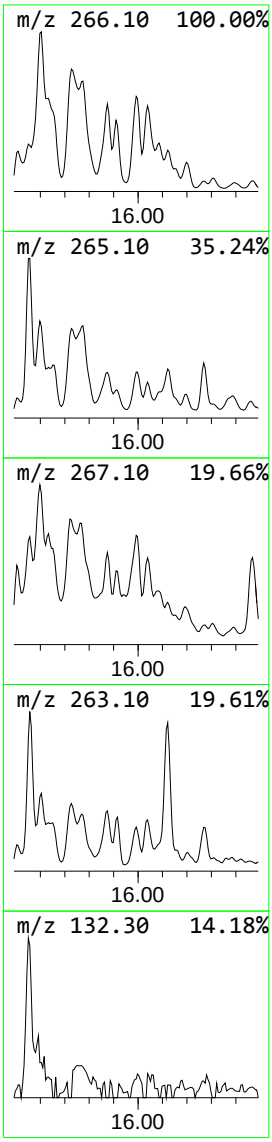
Peak Number 14 7-Methylbenzo[pqr]tetraphene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.992	3.98 ng	40142	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methylbenzo[pqr]tetraphene	266	C21H14	063041-77-0	76
2	8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	74
3	Thiazole, 4-phenyl-2-(4-tolylami...	266	C16H14N2S	016098-04-7	70
4	10-Methylbenzo(a)pyrene	266	C21H14	063104-32-5	68
5	Benz[j]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	64





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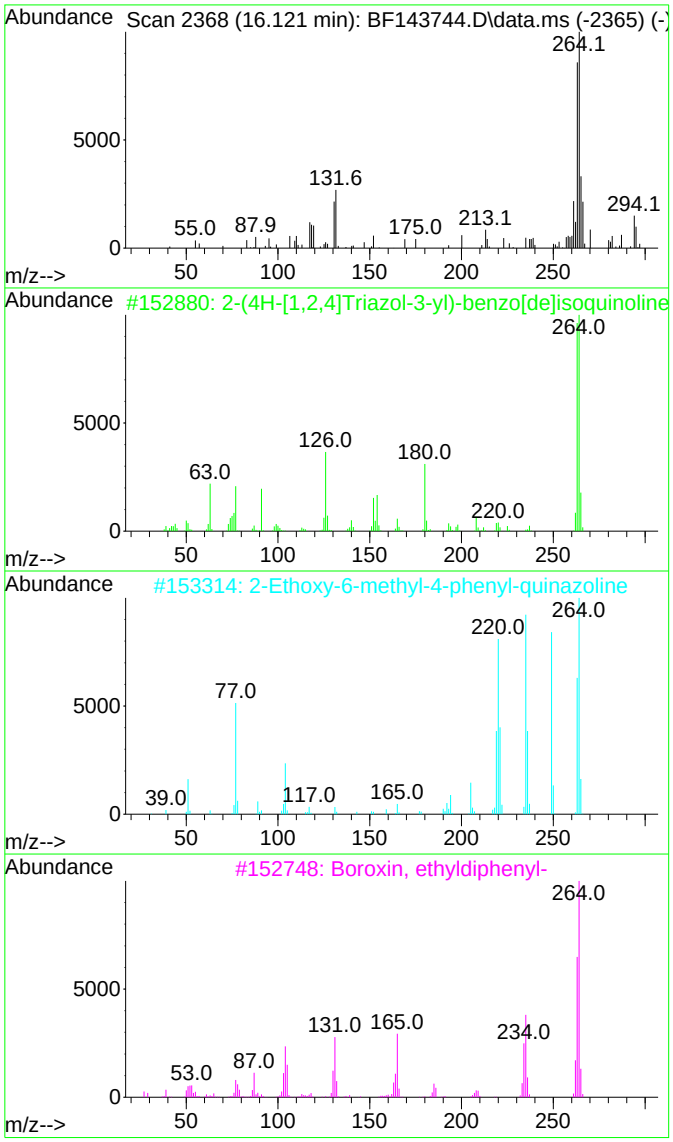
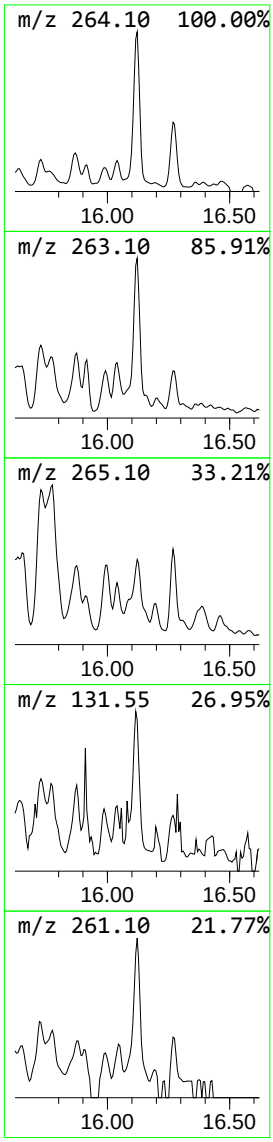
Peak Number 15 unknown16.121 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.121	4.63 ng	46649	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(4H-[1,2,4]Triazol-3-yl)-benzo...	264	C14H8N4O2	1000318-09-6	38
2	2-Ethoxy-6-methyl-4-phenyl-quina...	264	C17H16N2O	1000318-42-5	37
3	Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	36
4	Phenothiazine, 2-chloro-8-methoxy-	263	C13H10ClNOS	017800-09-8	27
5	1H-Pyrazole-4-carbonitrile, 3-(4...	263	C12H10ClN3S	068364-67-0	27





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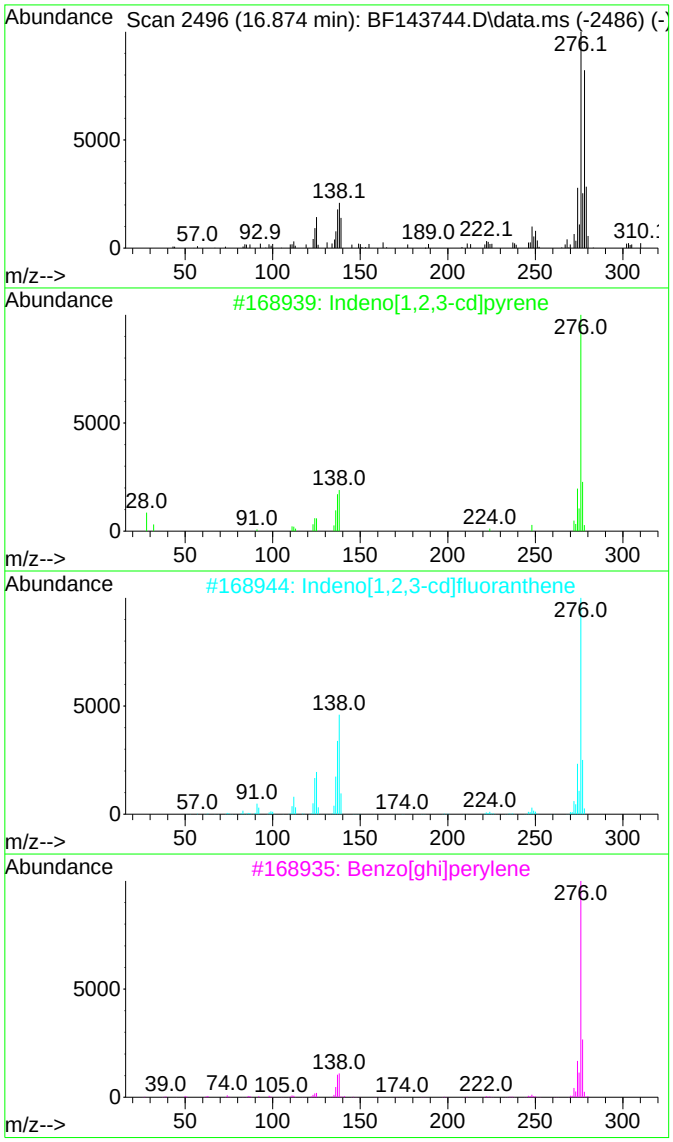
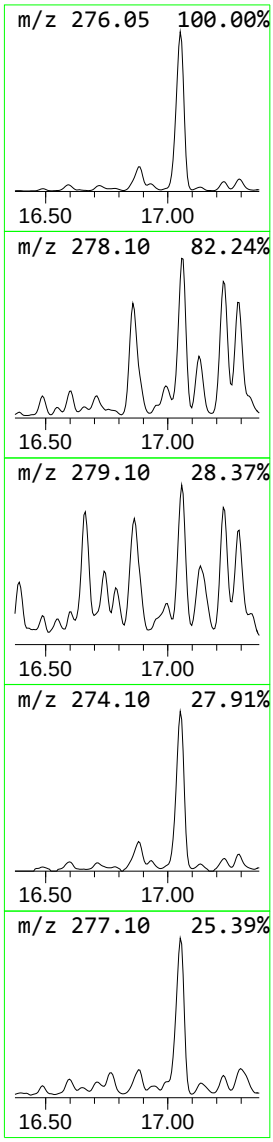
Peak Number 16 Indeno[1,2,3-cd]fluoranthene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.874	15.14 ng	152648	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	95
2	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	50
3	Benzo[ghi]perylene	276	C22H12	000191-24-2	50
4	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	50
5	Phenol, 2-(4-chlorophenyliminome...	276	C13H9ClN2O3	1000262-90-3	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
Data File : BF143744.D
Acq On : 12 Sep 2025 20:35
Operator : RC/JU
Sample : Q3082-09 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-33

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.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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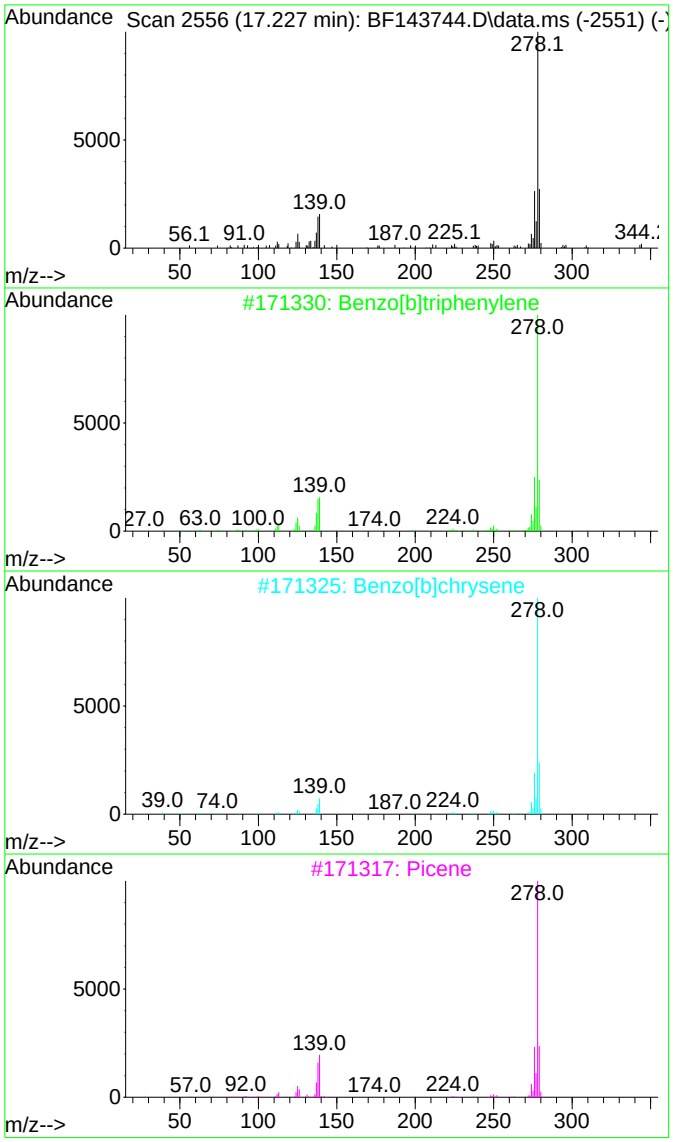
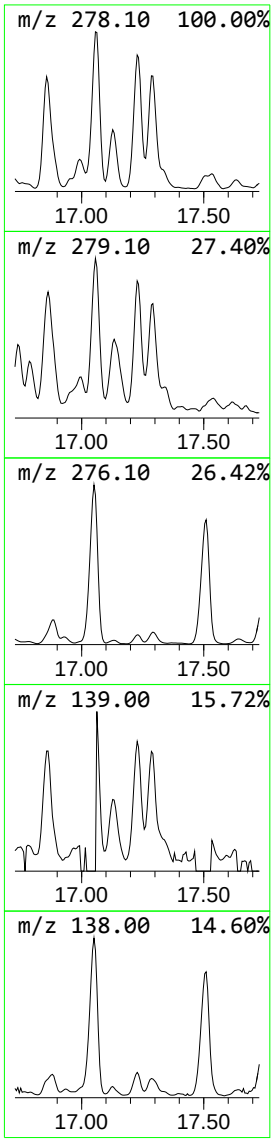
Peak Number 17 Benzo[b]triphenylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.227	7.32 ng	73779	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	98
2	Benzo[b]chrysene	278	C22H14	000214-17-5	96
3	Picene	278	C22H14	000213-46-7	96
4	Pentaphene	278	C22H14	000222-93-5	95
5	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
Data File : BF143744.D
Acq On : 12 Sep 2025 20:35
Operator : RC/JU
Sample : Q3082-09 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-33

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.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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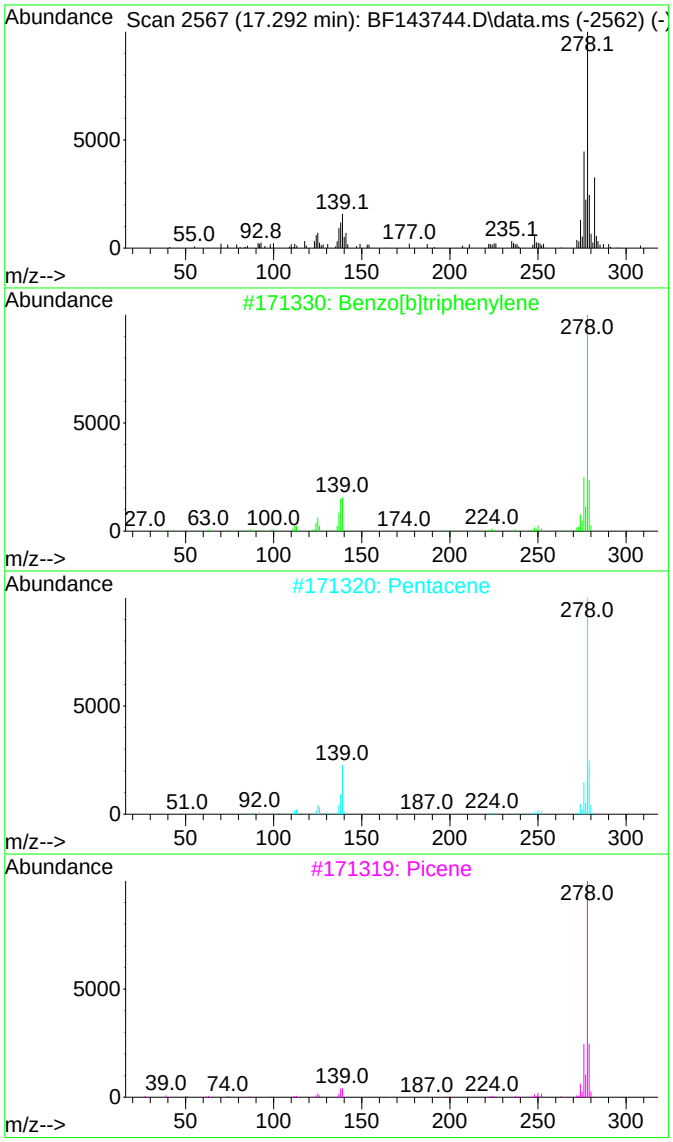
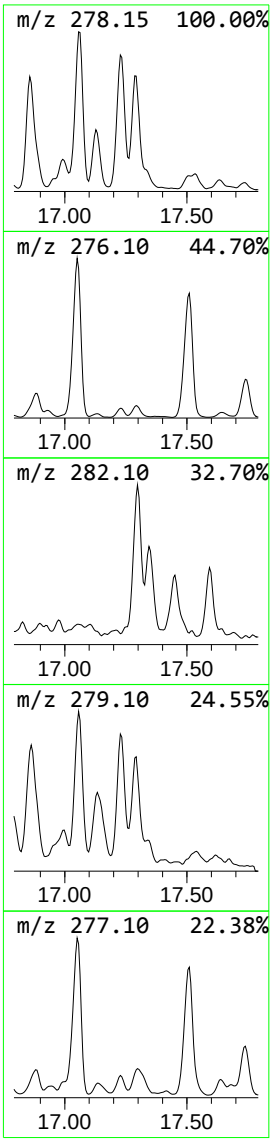
Peak Number 18 Pentacene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.292	7.23 ng	72880	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	95
2	Pentacene	278	C22H14	000135-48-8	55
3	Picene	278	C22H14	000213-46-7	53
4	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	49
5	Benzo[a]naphthacene	278	C22H14	000226-88-0	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
Data File : BF143744.D
Acq On : 12 Sep 2025 20:35
Operator : RC/JU
Sample : Q3082-09 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-33

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.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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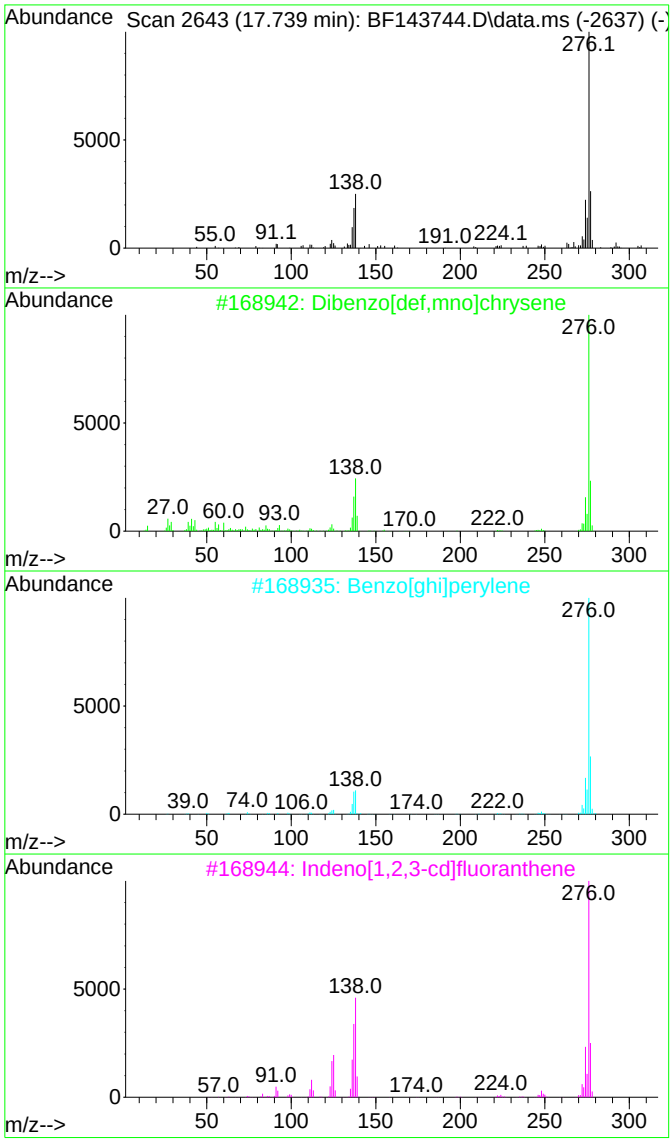
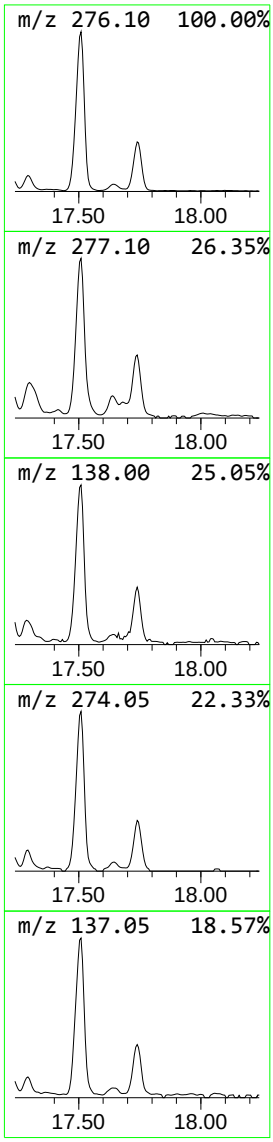
Peak Number 19 Dibenzo[def,mno]chrysene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.739	13.49 ng	136012	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	98
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	96
3	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	91
4	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	89
5	2-Dodecyl-p-cresol	276	C19H32O	025912-91-8	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
Data File : BF143744.D
Acq On : 12 Sep 2025 20:35
Operator : RC/JU
Sample : Q3082-09 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-33

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.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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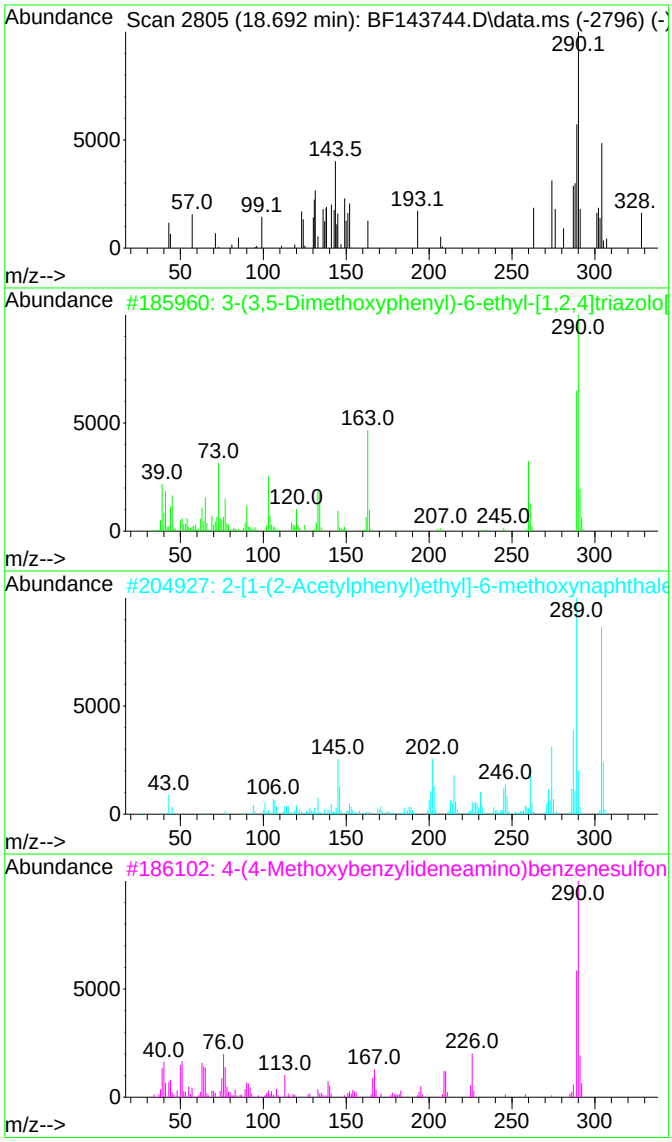
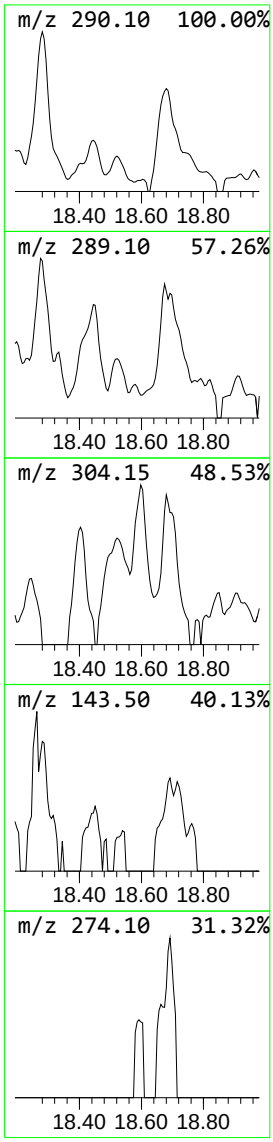
Peak Number 20 unknown18.692 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.692	5.39 ng	54369	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(3,5-Dimethoxyphenyl)-6-ethyl-...	290	C13H14N4O2S	1000387-60-2	22
2	2-[1-(2-Acetylphenyl)ethyl]-6-me...	304	C21H20O2	1000326-16-5	16
3	4-(4-Methoxybenzylideneamino)ben...	290	C14H14N2O3S	066667-56-9	12
4	Benzene, 1-methyl-2-(1-naphthylm...	290	C18H14N2O2	1000263-22-5	12
5	2-Hydroxy-4-methyl-5-phenyl-6-ph...	290	C19H18N2O	027433-90-5	12





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
Data File : BF143744.D
Acq On : 12 Sep 2025 20:35
Operator : RC/JU
Sample : Q3082-09 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-33

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.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
Naphthalene, 2,...	9.516	4.8	ng	48718	3	9.934	204723	20.0
Naphthalene, 2,...	9.587	6.4	ng	65350	3	9.934	204723	20.0
Naphthalene, 1,...	9.704	3.6	ng	37336	3	9.934	204723	20.0
Naphthalene, 1,...	10.245	4.7	ng	47768	3	9.934	204723	20.0
Naphthalene, 2,...	10.334	4.5	ng	46001	3	9.934	204723	20.0
Dibenzofuran, 4...	10.634	9.0	ng	91678	3	9.934	204723	20.0
4H-Cyclopenta[d...	12.039	4.4	ng	470136	4	11.422	2119090	20.0
Pyrene, 1-methyl-	13.192	4.7	ng	380633	5	14.069	1617250	20.0
7,12-Dihydroben...	14.951	14.8	ng	148907	6	15.557	201662	20.0
unknown15.022	15.022	5.2	ng	52858	6	15.557	201662	20.0
Benzo[e]pyrene	15.227	20.5	ng	206911	6	15.557	201662	20.0
Dinaphtho[1,2-b...	15.333	11.2	ng	113108	6	15.557	201662	20.0
Perylene	15.427	54.1	ng	545701	6	15.557	201662	20.0
7-Methylbenzo[p...	15.992	4.0	ng	40142	6	15.557	201662	20.0
unknown16.121	16.121	4.6	ng	46649	6	15.557	201662	20.0
Indeno[1,2,3-cd...	16.874	15.1	ng	152648	6	15.557	201662	20.0
Benzo[b]triphen...	17.227	7.3	ng	73779	6	15.557	201662	20.0
Pentacene	17.292	7.2	ng	72880	6	15.557	201662	20.0
Dibenzo[def,mno...	17.739	13.5	ng	136012	6	15.557	201662	20.0
unknown18.692	18.692	5.4	ng	54369	6	15.557	201662	20.0