LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053025\
Data File : BF142586.D
Acq On : 30 May 2025 23:10
Operator : RC/JU
Sample : Q2150-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-44

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-BF052025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142586.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.110	487	496	511	rBV	133766	210435	4.91%	0.399%
2	5.510	553	564	584	rBV	1356665	1834317	42.78%	3.477%
3	6.522	730	736	754	rVB	1288178	1763669	41.13%	3.343%
4	6.898	795	800	805	rBV	591069	716473	16.71%	1.358%
5	7.457	884	895	900	rBV	870836	1118766	26.09%	2.120%
6	8.181	1011	1018	1025	rBV	669527	891603	20.79%	1.690%
7	8.992	1152	1156	1164	rVB	41394	54433	1.27%	0.103%
8	9.257	1195	1201	1206	rBV	1421425	1799868	41.98%	3.411%
9	9.334	1210	1214	1221	rBV2	38798	80303	1.87%	0.152%
10	9.522	1241	1246	1250	rBV	38978	63669	1.48%	0.121%
11	9.592	1254	1258	1261	rVV	56993	85430	1.99%	0.162%
12	9.645	1264	1267	1274	rVV4	69315	127302	2.97%	0.241%
13	9.710	1274	1278	1288	rVB3	32452	68546	1.60%	0.130%
14	9.798	1288	1293	1298	rBV	249202	321119	7.49%	0.609%
15	9.845	1298	1301	1306	rVV2	36223	50580	1.18%	0.096%
16	9.934	1310	1316	1320	rVV	562462	793014	18.50%	1.503%
17	9.969	1320	1322	1330	rVB	214657	244887	5.71%	0.464%
18	10.139	1347	1351	1355	rBV	135464	167432	3.91%	0.317%
19	10.251	1366	1370	1373	rBV2	39237	62209	1.45%	0.118%
20	10.345	1382	1386	1391	rBV5	28390	51528	1.20%	0.098%
21	10.486	1405	1410	1415	rVB	279172	364763	8.51%	0.691%
22	10.569	1416	1424	1427	rBV4	43256	104816	2.44%	0.199%
23	10.645	1433	1437	1445	rVB	149368	219972	5.13%	0.417%
24	10.722	1445	1450	1456	rBV	750873	1009350	23.54%	1.913%
25	10.851	1467	1472	1477	rVB2	64286	101801	2.37%	0.193%
26	11.034	1498	1503	1506	rBV2	61595	93264	2.18%	0.177%
27	11.275	1540	1544	1548	rBV2	39269	63658	1.48%	0.121%
28	11.322	1548	1552	1558	rVB	123244	173381	4.04%	0.329%
29	11.428	1565	1570	1571	rBV	537520	647926	15.11%	1.228%
30	11.451	1571	1574	1578	rVV	1439727	1793751	41.84%	3.400%
31	11.504	1578	1583	1586	rVV	630191	827641	19.30%	1.569%
32	11.533	1586	1588	1593	rVB2	63634	78077	1.82%	0.148%
33	11.657	1605	1609	1616	rBV	82169	135870	3.17%	0.258%
34	11.722	1617	1620	1623	rVV	44903	56437	1.32%	0.107%
35	11.757	1623	1626	1631	rVB3	35388	48796	1.14%	0.092%
36	11.928	1651	1655	1656	rBV	193431	215971	5.04%	0.409%

LSC Area Percent Report

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Acq On : 30 May 2025 23:10
Operator : RC/JU
Sample : Q2150-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-44

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-BF052025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.951	1656	1659	1664	rVV2	364325	540511	12.61%	1.024%
38	12.004	1664	1668	1670	rVV	153266	192956	4.50%	0.366%
39	12.039	1670	1674	1682	rVB	515468	875380	20.42%	1.659%
40	12.222	1701	1705	1709	rBV	149550	202180	4.72%	0.383%
41	12.404	1733	1736	1738	rBV	57161	60032	1.40%	0.114%
42	12.480	1744	1749	1752	rBV	239894	364695	8.51%	0.691%
43	12.516	1752	1755	1761	rVV2	165767	299770	6.99%	0.568%
44	12.569	1761	1764	1772	rVB3	136919	218972	5.11%	0.415%
45	12.645	1772	1777	1782	rBV	2704129	3724141	86.86%	7.059%
46	12.704	1782	1787	1789	rVV2	62323	118193	2.76%	0.224%
47	12.733	1789	1792	1796	rVB	100015	118568	2.77%	0.225%
48	12.798	1799	1803	1809	rVB3	104605	183412	4.28%	0.348%
49	12.875	1809	1816	1822	rBV	2504817	4287590	100.00%	8.127%
50	12.922	1822	1824	1829	rVB2	178314	227409	5.30%	0.431%
51	13.010	1831	1839	1847	rVB2	1278209	2115090	49.33%	4.009%
52	13.092	1847	1853	1860	rBV4	320415	693878	16.18%	1.315%
53	13.198	1864	1871	1875	rVB	560113	1032510	24.08%	1.957%
54	13.269	1879	1883	1886	rVV	423772	554161	12.92%	1.050%
55	13.304	1886	1889	1896	rVB2	424173	595676	13.89%	1.129%
56	13.398	1901	1905	1907	rBV	244419	296785	6.92%	0.563%
57	13.427	1907	1910	1914	rVB	224820	269706	6.29%	0.511%
58	13.710	1951	1958	1962	rBV2	220399	407211	9.50%	0.772%
59	13.822	1972	1977	1979	rBV3	330427	512024	11.94%	0.970%
60	13.874	1984	1986	1990	rVB2	188343	227411	5.30%	0.431%
61	14.069	2012	2019	2022	rBV2	2195525	3780788	88.18%	7.166%
62	14.104	2022	2025	2031	rVB	1701299	2322671	54.17%	4.402%
63	14.180	2035	2038	2041	rVB	248893	291907	6.81%	0.553%
64	14.292	2054	2057	2061	rVB2	131674	160172	3.74%	0.304%
65	14.457	2081	2085	2088	rBV	361347	482225	11.25%	0.914%
66	14.492	2089	2091	2095	rVB	226872	231224	5.39%	0.438%
67	14.586	2104	2107	2109	rBV	159422	195761	4.57%	0.371%
68	15.139	2194	2201	2210	rBV	1511861	3877801	90.44%	7.350%
69	15.245	2215	2219	2223	rVB	320204	444418	10.37%	0.842%
70	15.445	2248	2253	2259	rVB	782088	1319042	30.76%	2.500%
71	15.516	2259	2265	2270	rVV	1174673	1823846	42.54%	3.457%
72	15.574	2271	2275	2278	rVV	366569	621877	14.50%	1.179%
73	15.604	2278	2280	2288	rVB2	368518	576723	13.45%	1.093%
74	17.092	2526	2533	2541	rVB2	520999	1150182	26.83%	2.180%
75	17.551	2605	2611	2621	rVB	402404	922232	21.51%	1.748%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053025\
Data File : BF142586.D
Acq On : 30 May 2025 23:10
Operator : RC/JU
Sample : Q2150-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-44

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-BF052025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

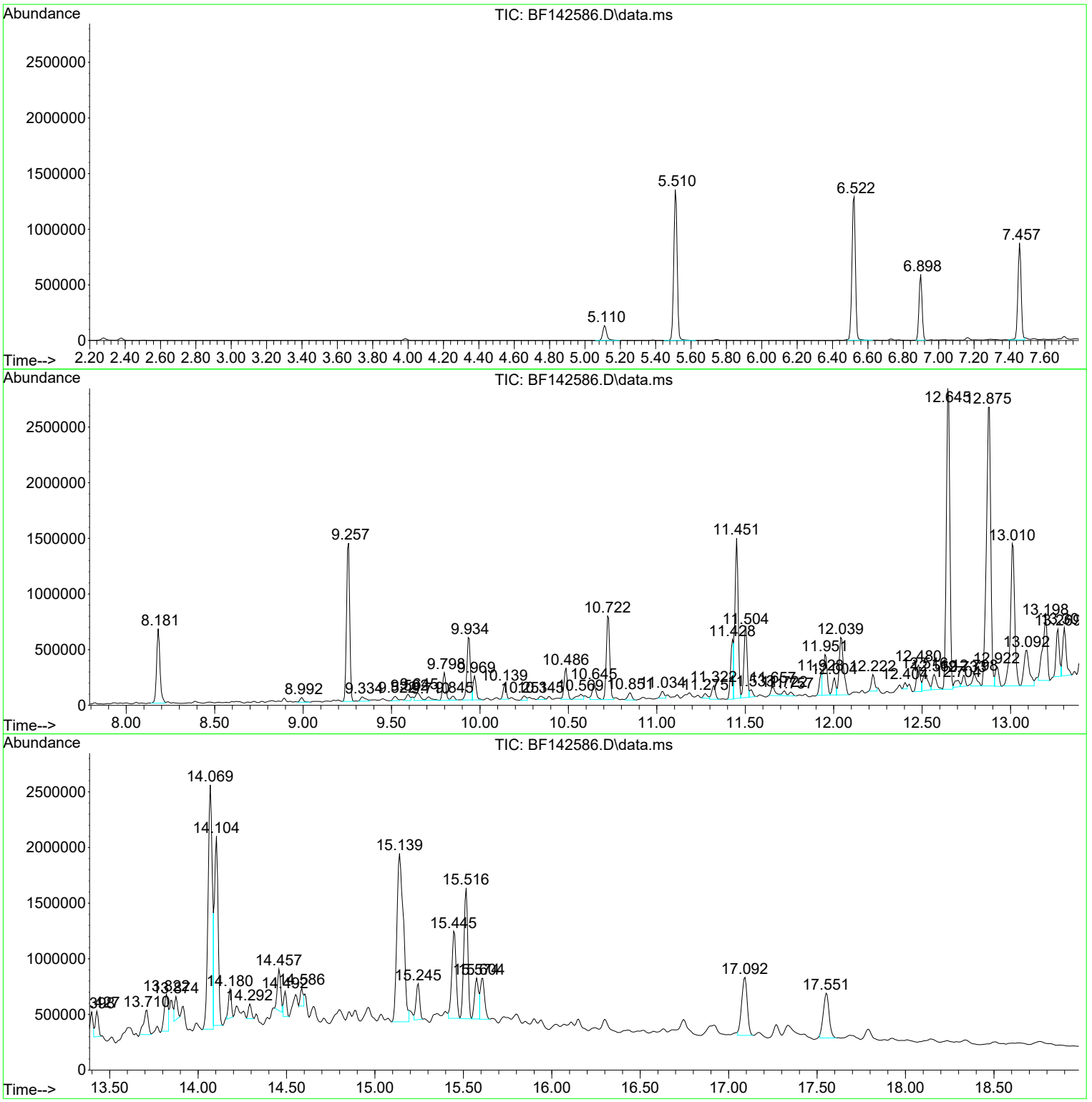
Sum of corrected areas: 52760187

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053025\
Data File : BF142586.D
Acq On : 30 May 2025 23:10
Operator : RC/JU
Sample : Q2150-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-44

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.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\BF053025\
Data File : BF142586.D
Acq On : 30 May 2025 23:10
Operator : RC/JU
Sample : Q2150-01
Misc :
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Instrument :
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ClientSampleId :
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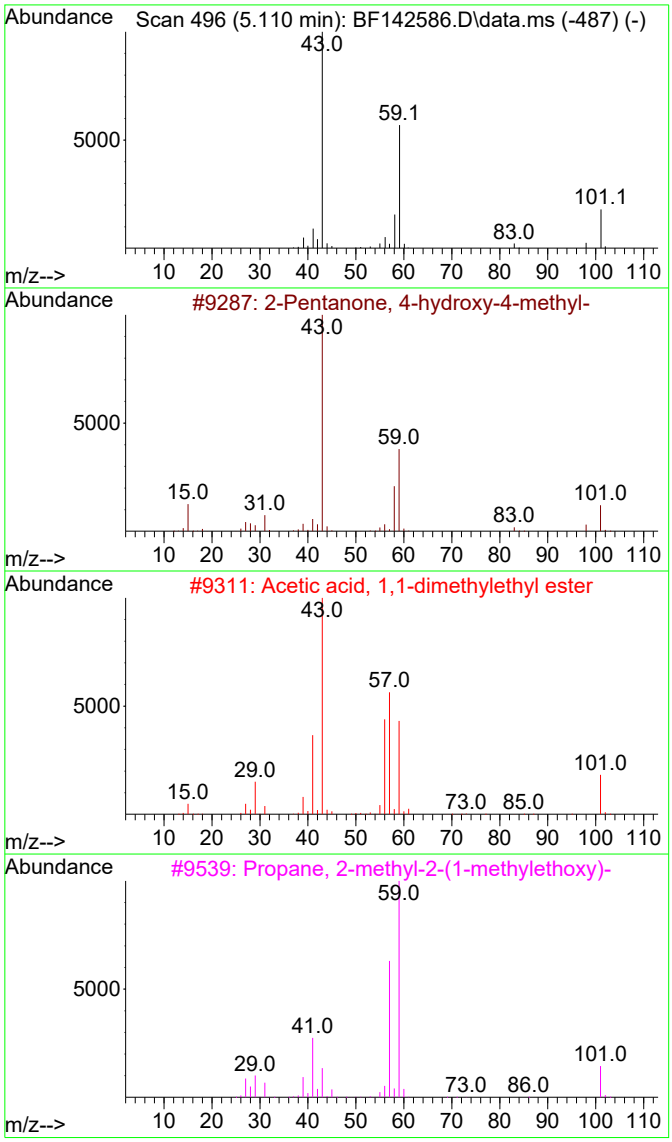
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

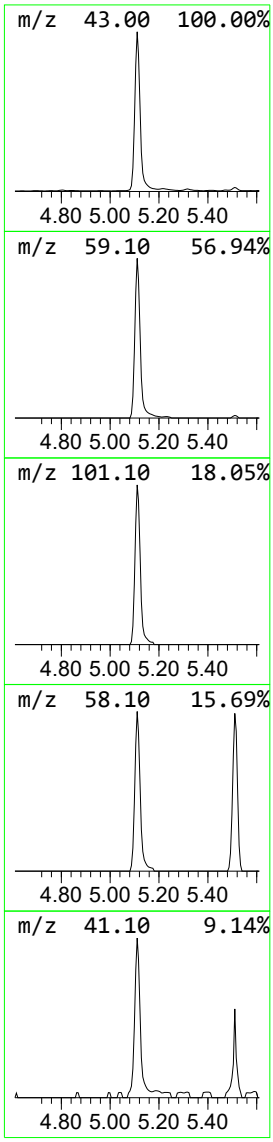
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.110	5.87 ng	210435	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053025\
Data File : BF142586.D
Acq On : 30 May 2025 23:10
Operator : RC/JU
Sample : Q2150-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

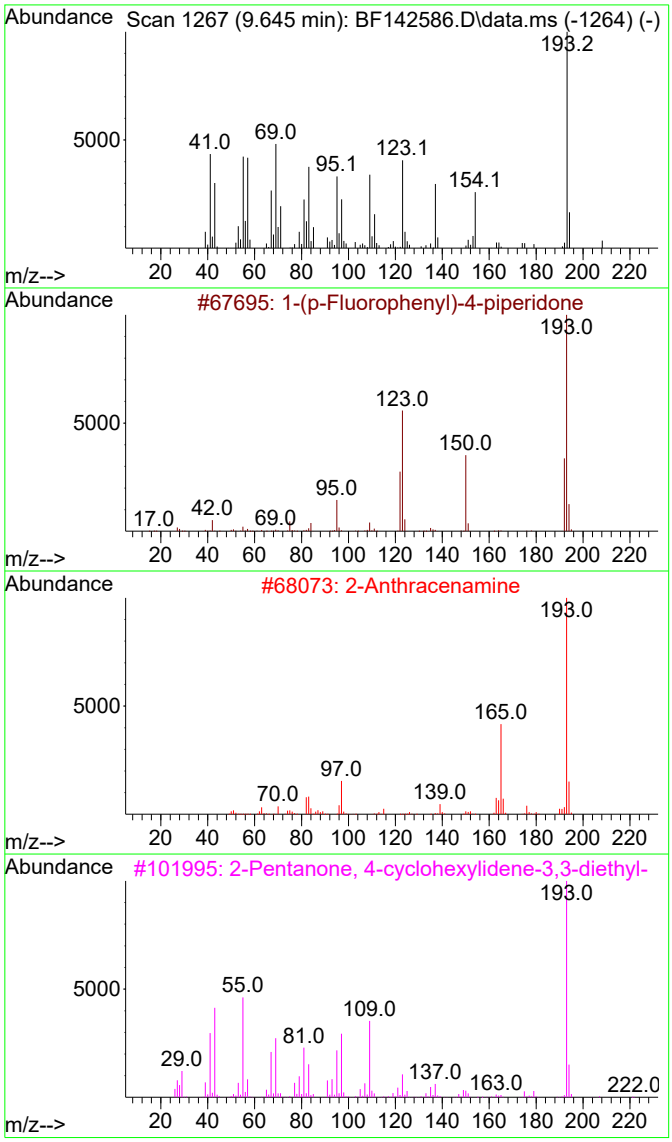
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

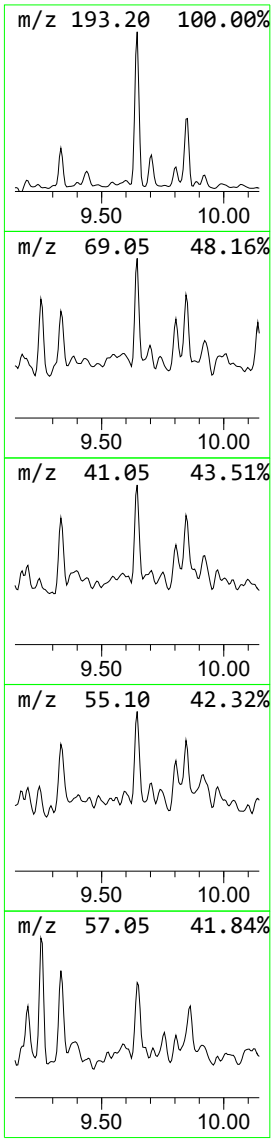
****

Peak Number 2 unknown9.645 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.645	3.21 ng	127302	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	46
2	2-Anthracenamine	193	C14H11N	000613-13-8	35
3	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	35
4	Butan-2-one, 1-[3-(3,3-dimethyl-...	278	C16H26N2O2	1000303-34-2	35
5	Pyrazole, 5-methyl-3-(5-nitro-2-...	193	C8H7N3O3	016239-90-0	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053025\
Data File : BF142586.D
Acq On : 30 May 2025 23:10
Operator : RC/JU
Sample : Q2150-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-44

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

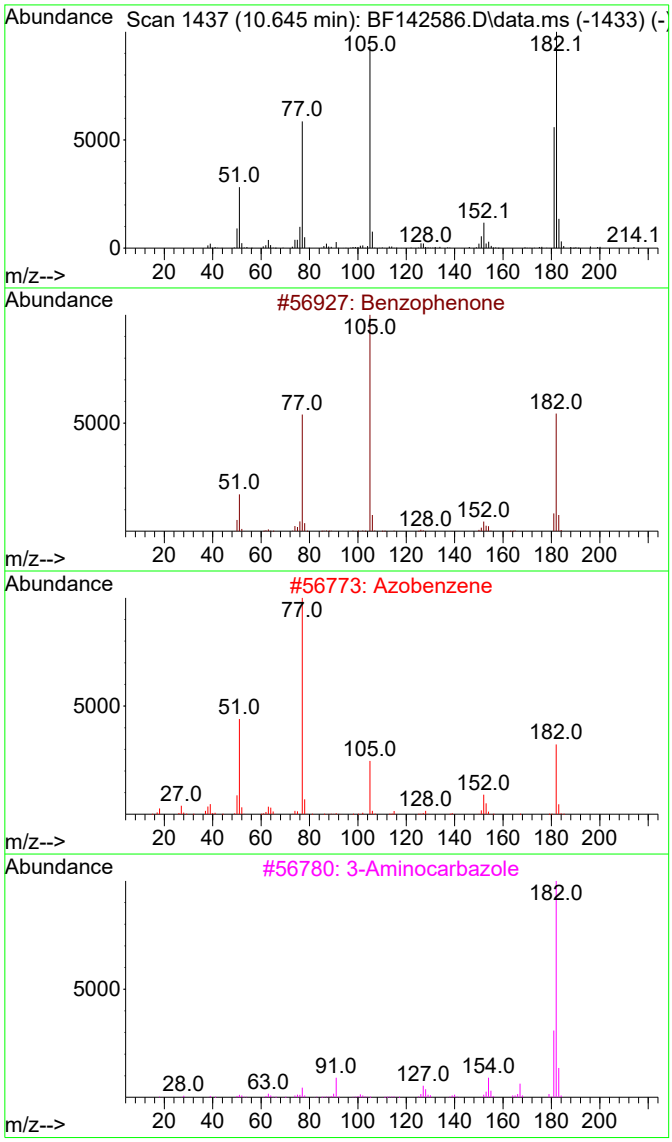
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

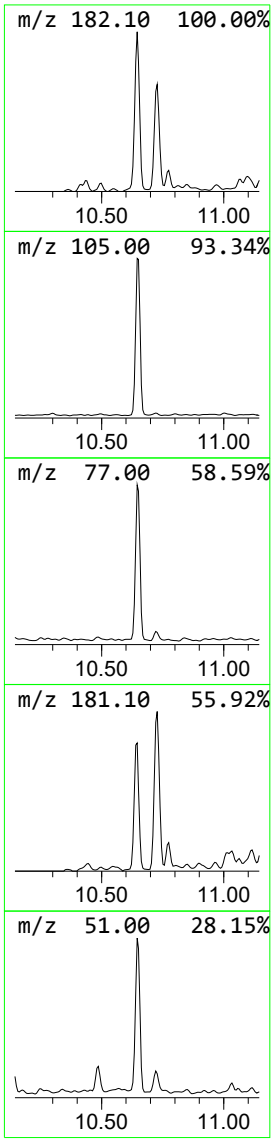
****

Peak Number 3 Benzophenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.645	5.55 ng	219972	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	87
2	Azobenzene	182	C12H10N2	000103-33-3	53
3	3-Aminocarbazole	182	C12H10N2	006377-12-4	38
4	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	38
5	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053025\
Data File : BF142586.D
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.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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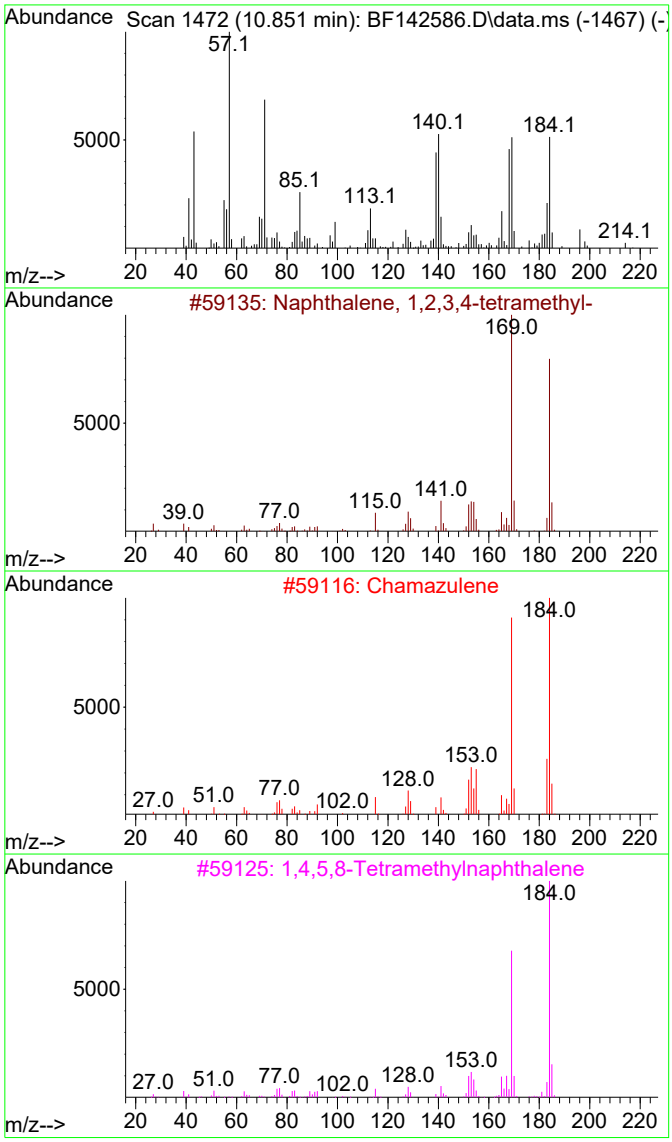
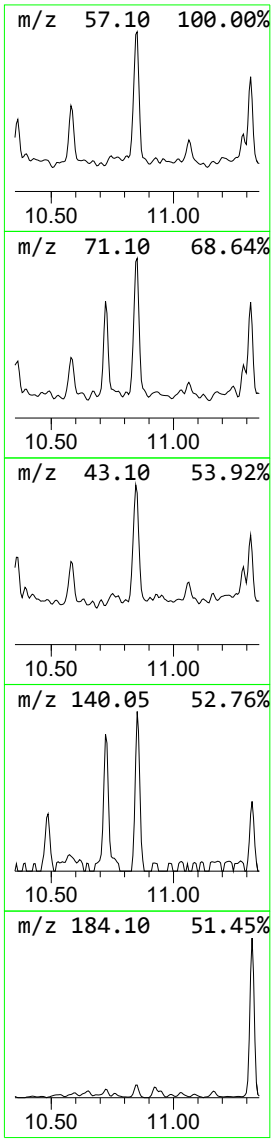
Peak Number 4 unknown10.851 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.851	3.14 ng	101801	Phenanthrene-d10	11.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	35
2	Chamazulene	184	C14H16	000529-05-5	35
3	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	35
4	Benzene, (4,5,5-trimethyl-1,3-cy...	184	C14H16	033930-85-7	35
5	2,4,6(1H,3H,5H)-Pyrimidinetrione...	184	C8H12N2O3	007391-61-9	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053025\
Data File : BF142586.D
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Operator : RC/JU
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-44

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

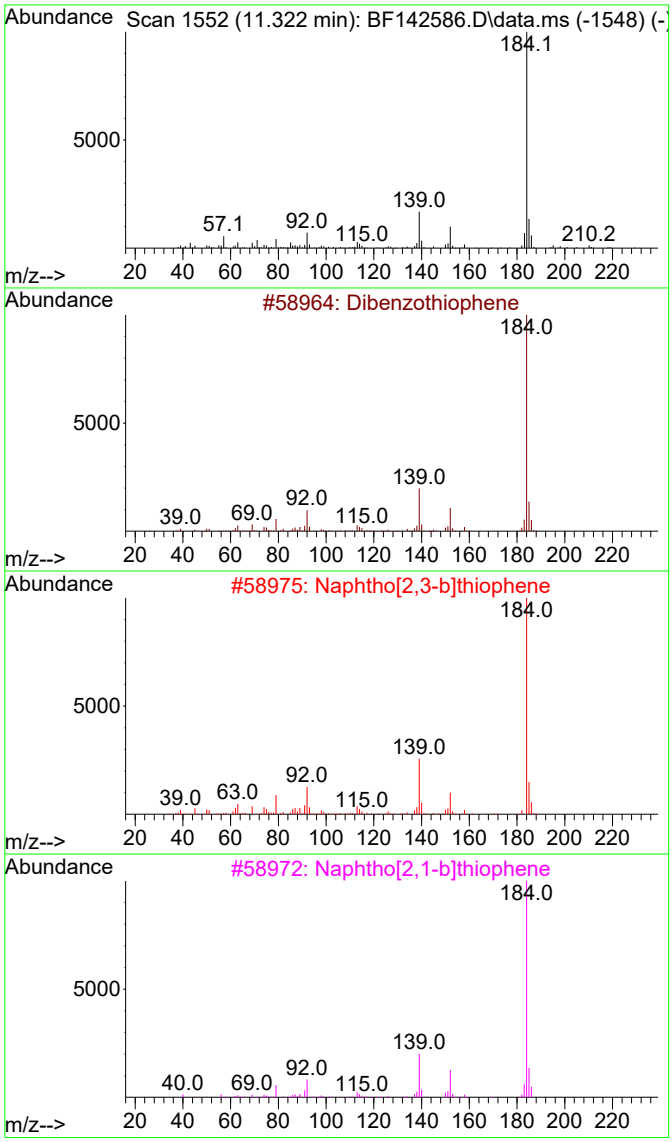
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

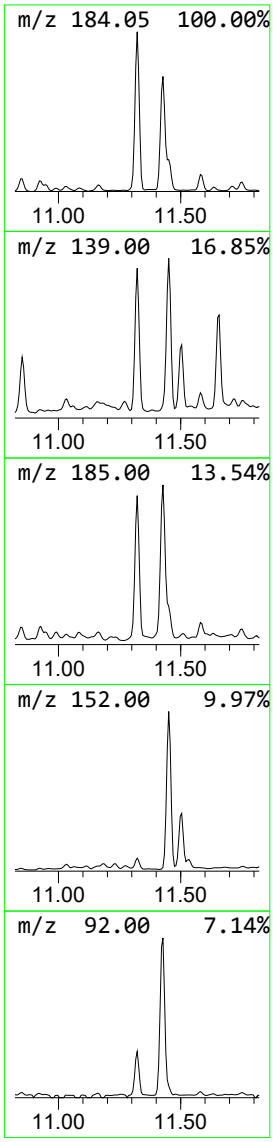
****

Peak Number 5 Dibenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.322	5.35 ng	173381	Phenanthrene-d10	11.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	97
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053025\
Data File : BF142586.D
Acq On : 30 May 2025 23:10
Operator : RC/JU
Sample : Q2150-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-44

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

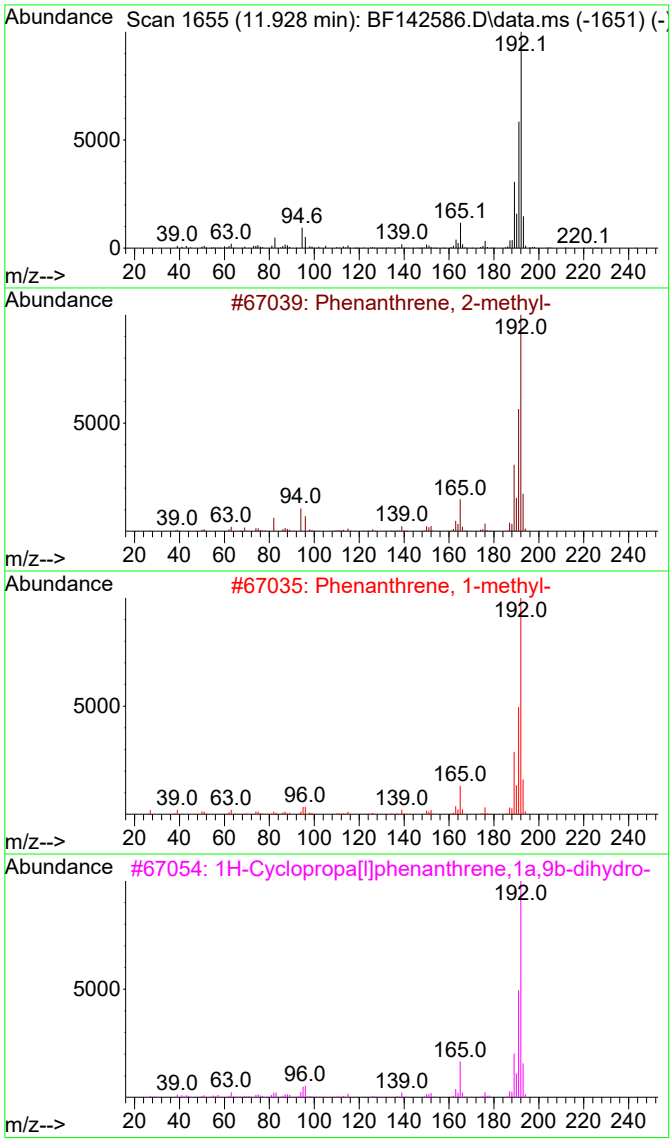
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

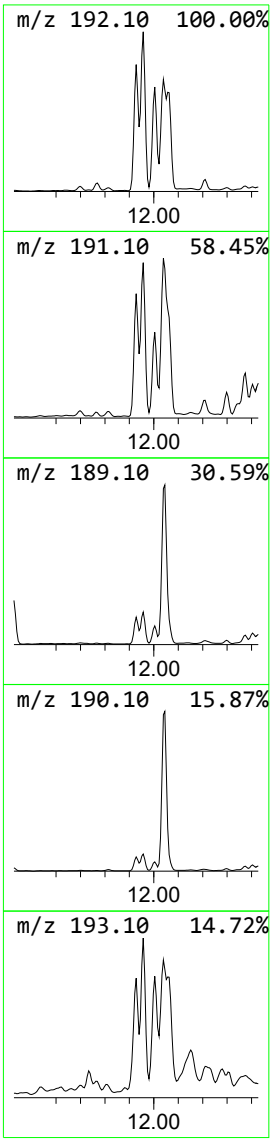
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.928	6.67 ng	215971	Phenanthrene-d10	11.428

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	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93





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Operator : RC/JU
Sample : Q2150-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-44

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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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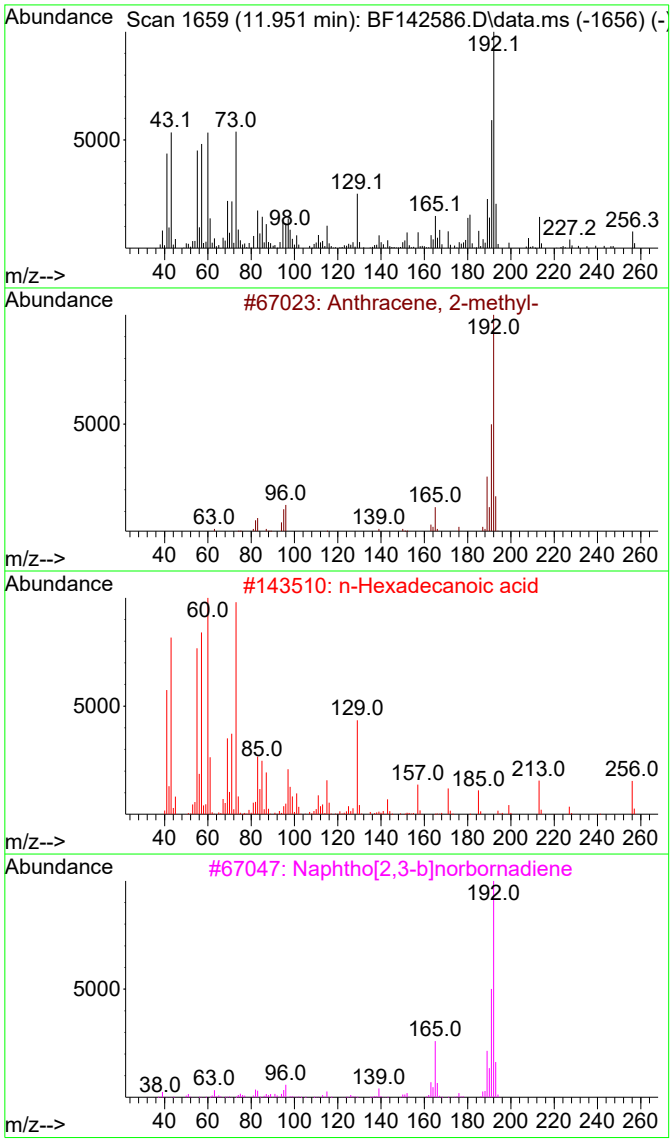
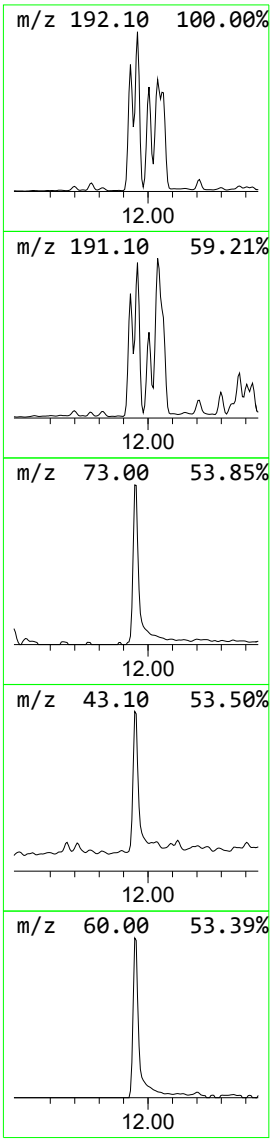
Peak Number 7 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	16.68 ng	540511	Phenanthrene-d10	11.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	90
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	70





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-44

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.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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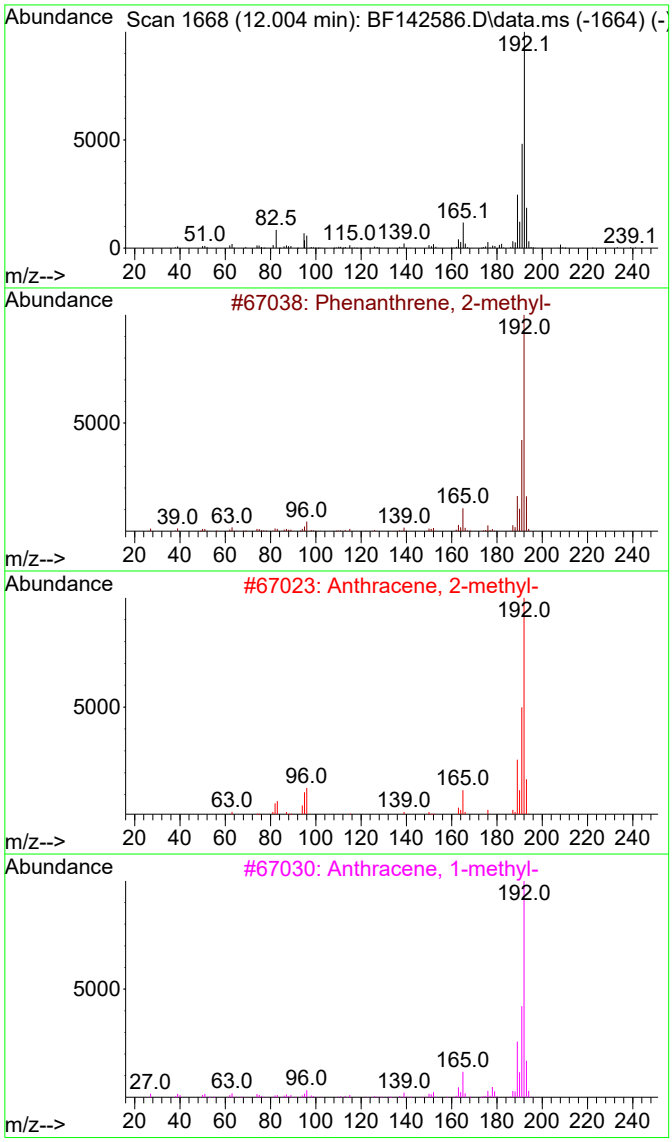
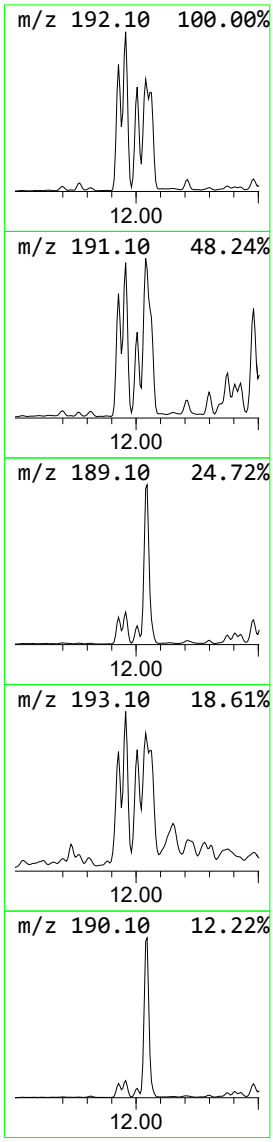
Peak Number 8 Anthracene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	5.96 ng	192956	Phenanthrene-d10	11.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94





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Sample : Q2150-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-44

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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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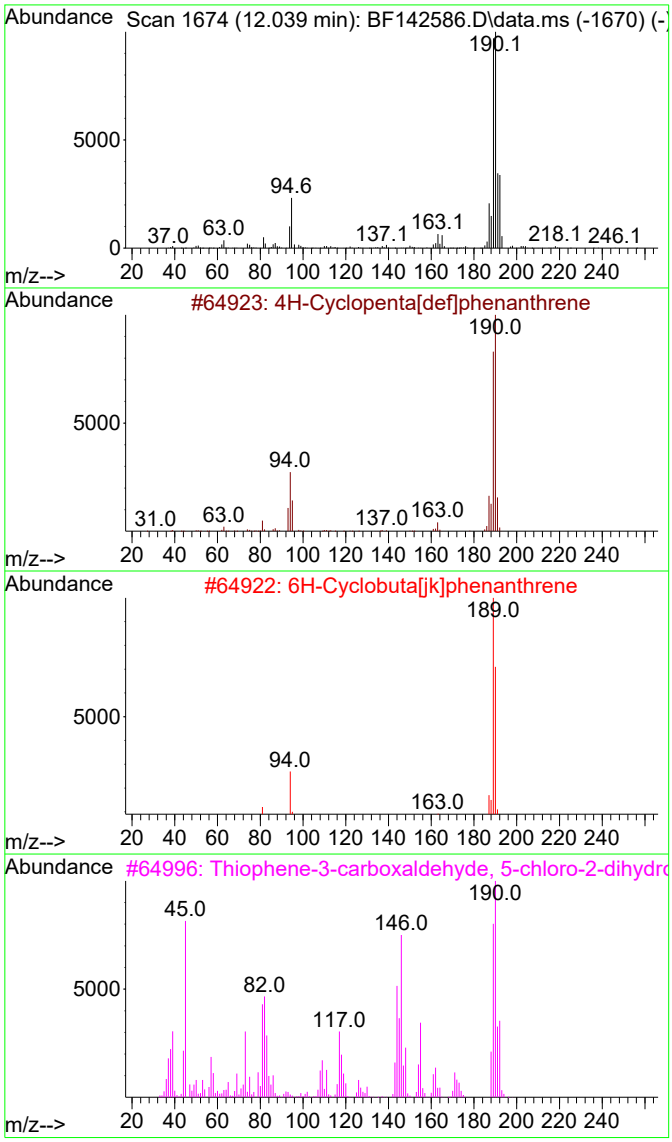
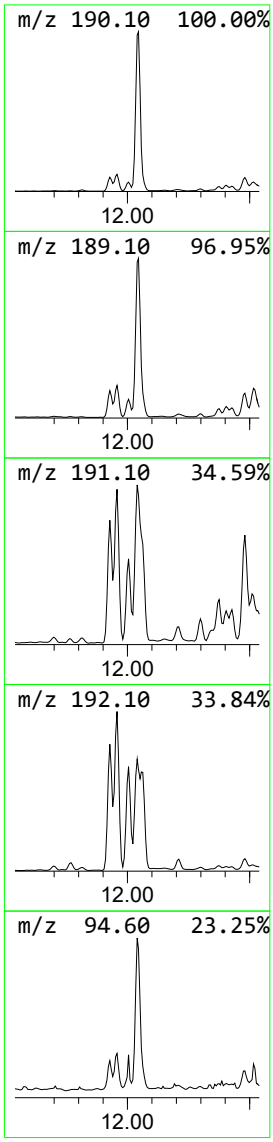
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.039	27.02 ng	875380	Phenanthrene-d10	11.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	Methyl diselenide	190	C2H6Se2	007101-31-7	46





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ALS Vial : 22 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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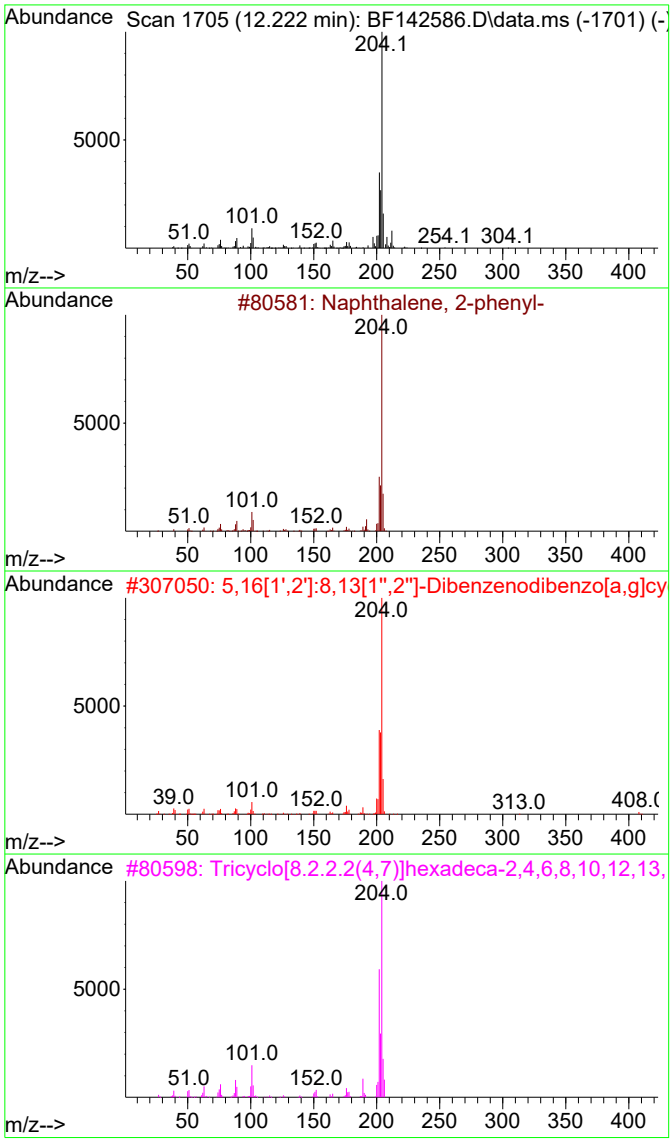
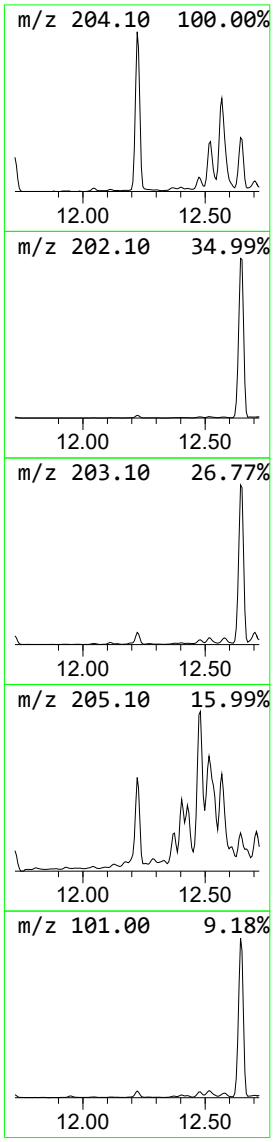
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.222	6.24 ng	202180	Phenanthrene-d10	11.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	52
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	52





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ALS Vial : 22 Sample Multiplier: 1

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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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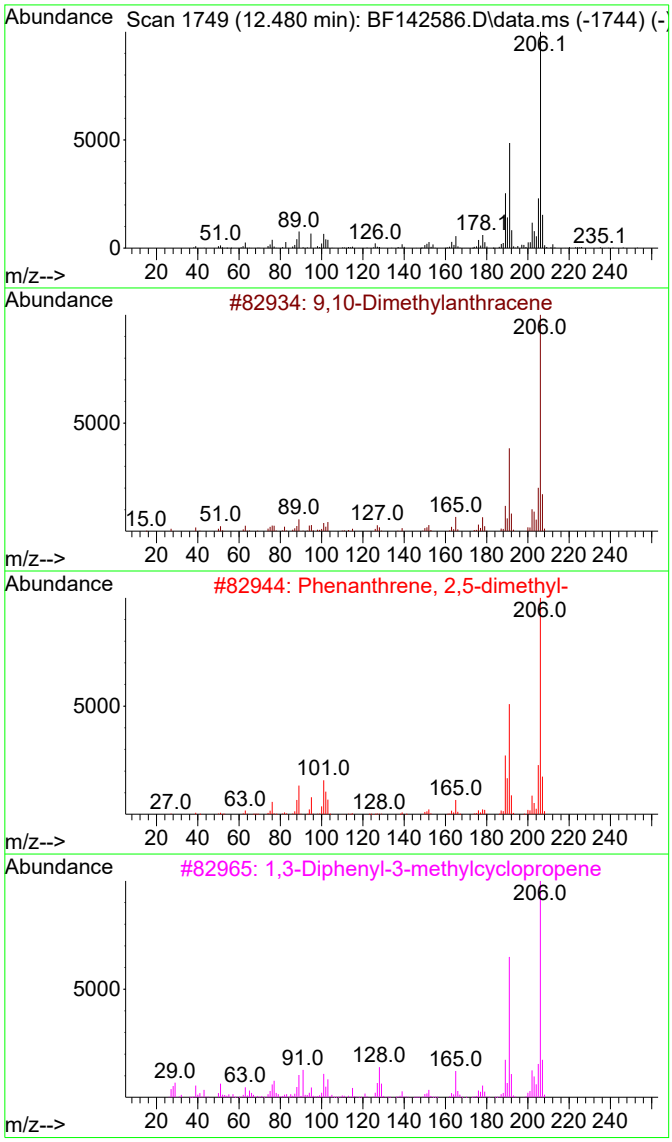
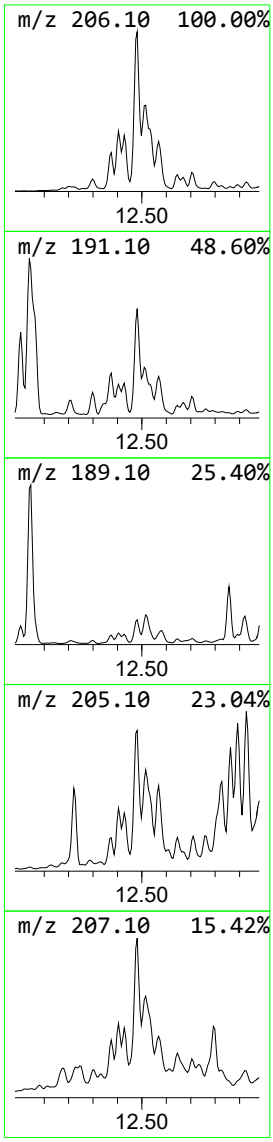
Peak Number 11 9,10-Dimethylanthracene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.480	11.26 ng	364695	Phenanthrene-d10	11.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
3	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	90
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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Misc :
ALS Vial : 22 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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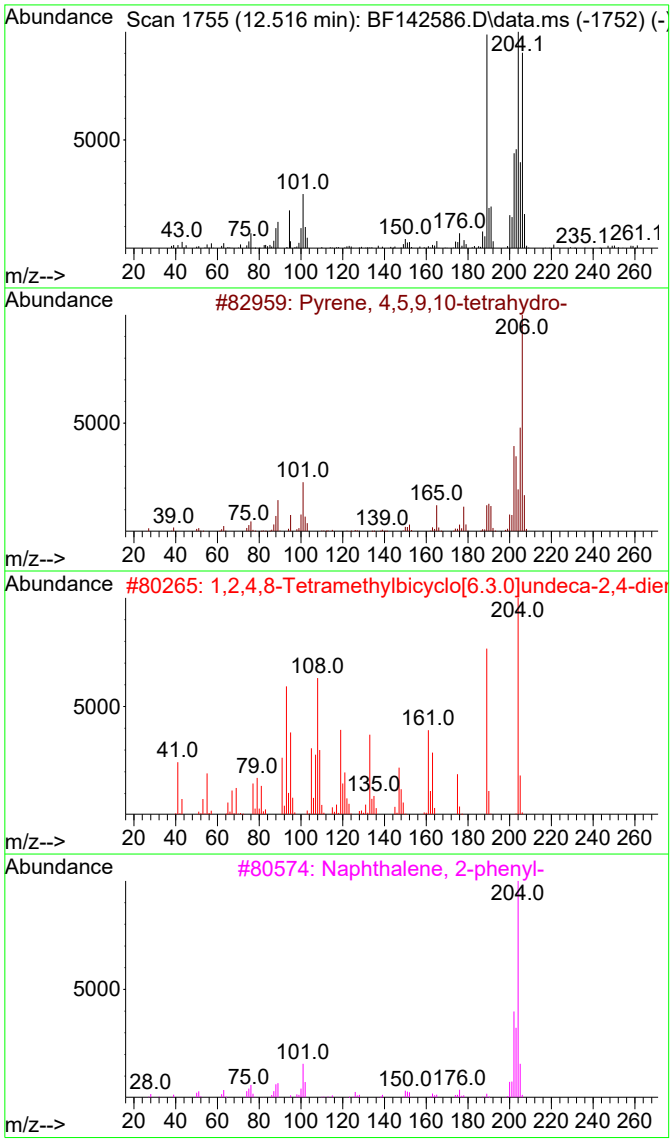
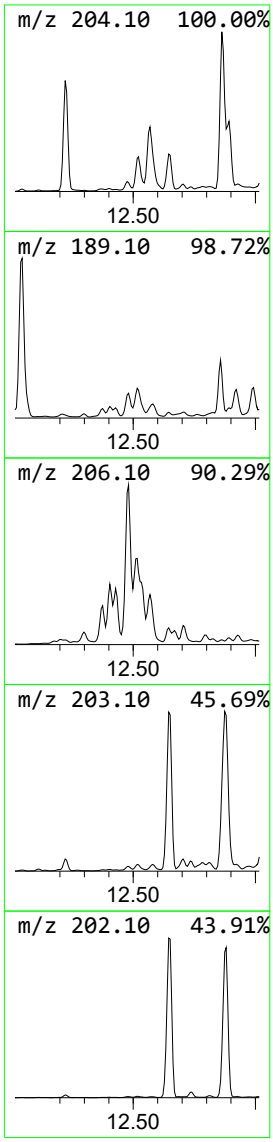
Peak Number 12 Pyrene, 4,5,9,10-tetrahydro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.516	9.25 ng	299770	Phenanthrene-d10	11.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	55
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	38
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	35
5	Benzoic acid, p-[[(dimethylamino...	206	C11H14N2O2	029390-16-7	30





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Sample : Q2150-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.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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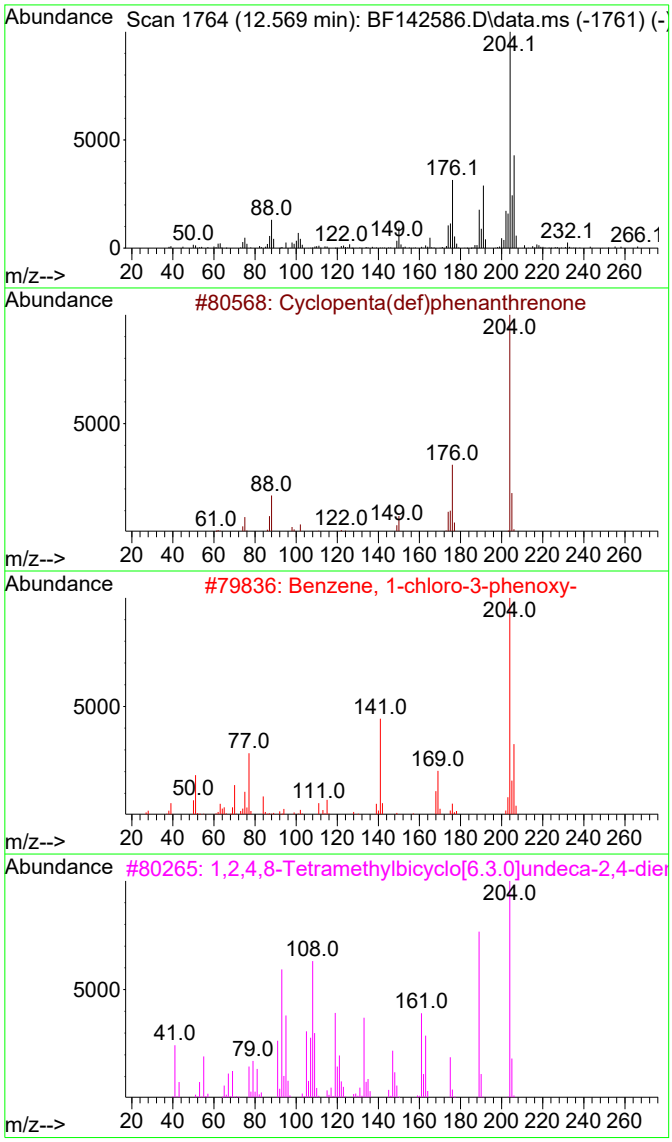
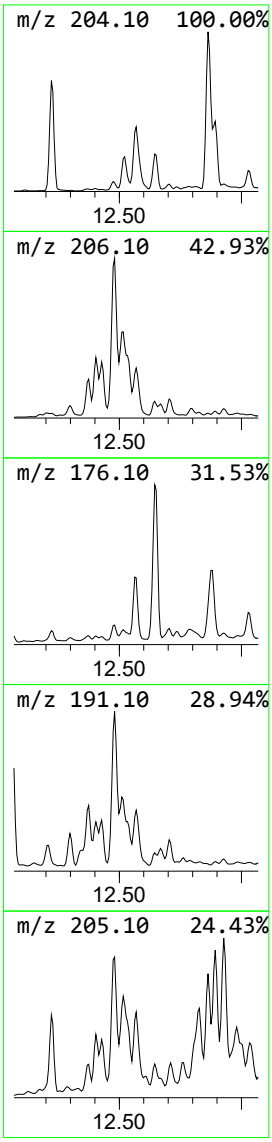
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.569	6.76 ng	218972	Phenanthrene-d10	11.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	Benzene, 1-chloro-3-phenoxy-	204	C12H9ClO	006452-49-9	50
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	50
4	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	50
5	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	47





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ALS Vial : 22 Sample Multiplier: 1

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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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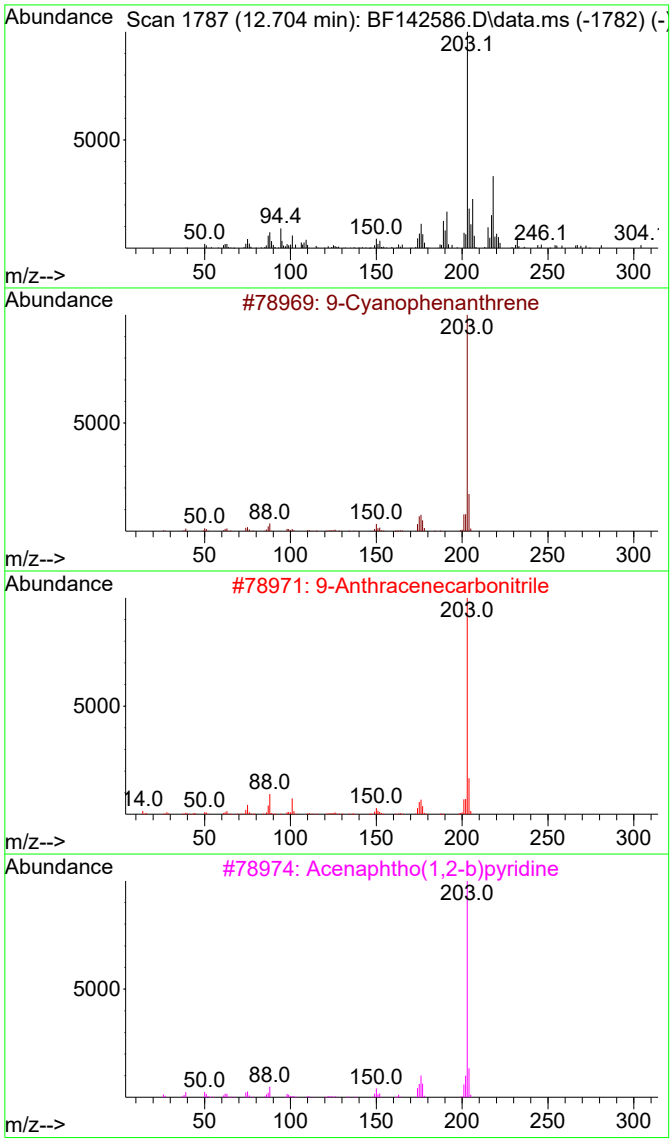
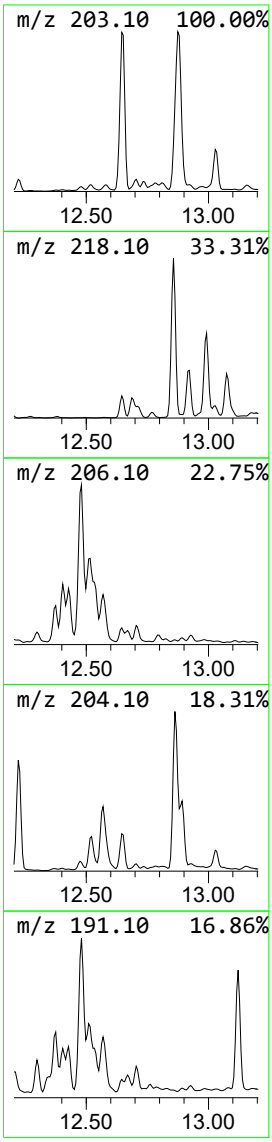
Peak Number 14 9-Cyanophenanthrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.704	3.65 ng	118193	Phenanthrene-d10	11.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Cyanophenanthrene	203	C15H9N	002510-55-6	90
2	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	90
3	Acenaphtho(1,2-b)pyridine	203	C15H9N	000206-49-5	64
4	6-Quinoxalinol, TMS derivative	218	C11H14N2OSi	1000474-34-3	52
5	3H-1,2,4-Triazole-3-thione, 2,4-...	218	C10H10N4S	091813-63-7	50





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ALS Vial : 22 Sample Multiplier: 1

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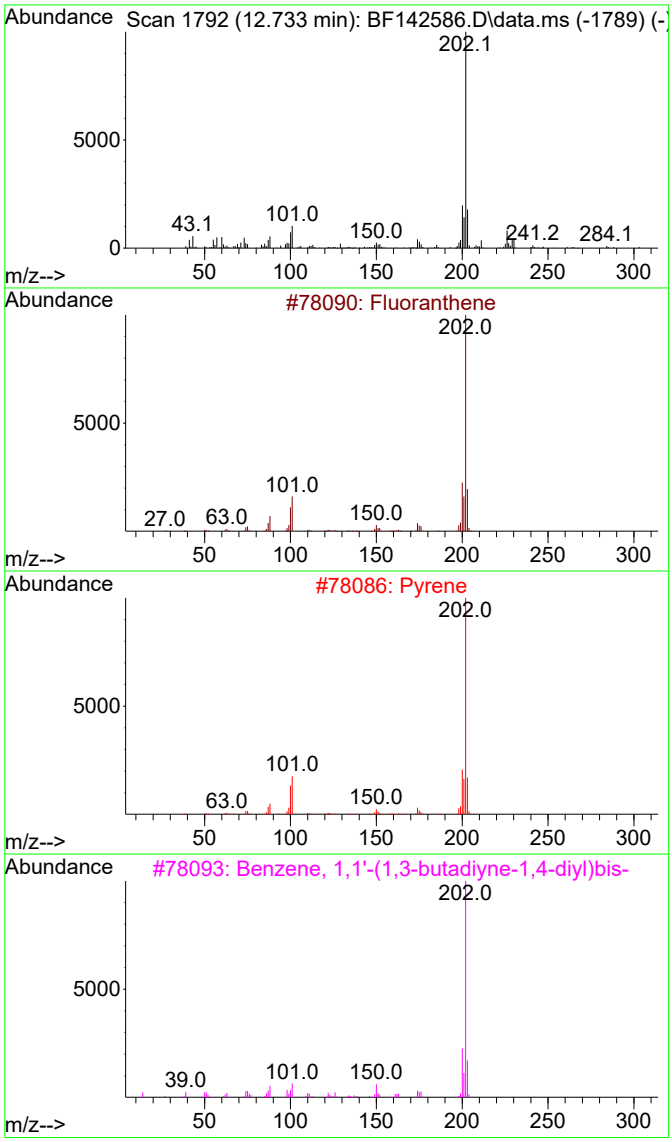
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

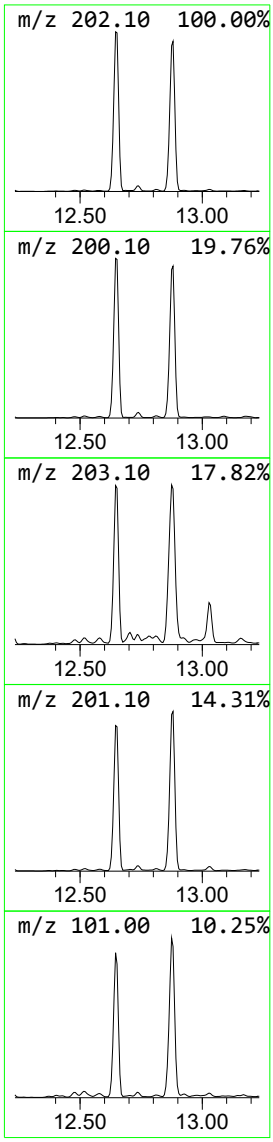
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.733	3.66 ng	118568	Phenanthrene-d10	11.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	96
2	Pyrene	202	C16H10	000129-00-0	83
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	70
4	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	60
5	3(2H)-Pyridazinone, 6-(4-methoxy...	202	C11H10N2O2	002166-33-8	50





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ALS Vial : 22 Sample Multiplier: 1

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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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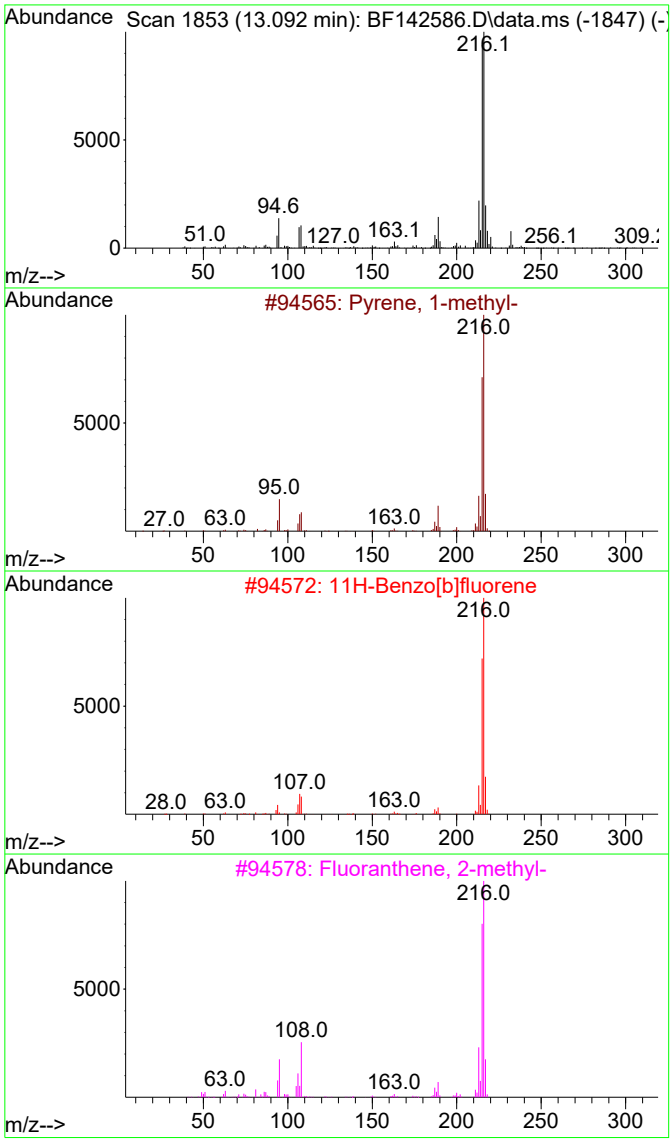
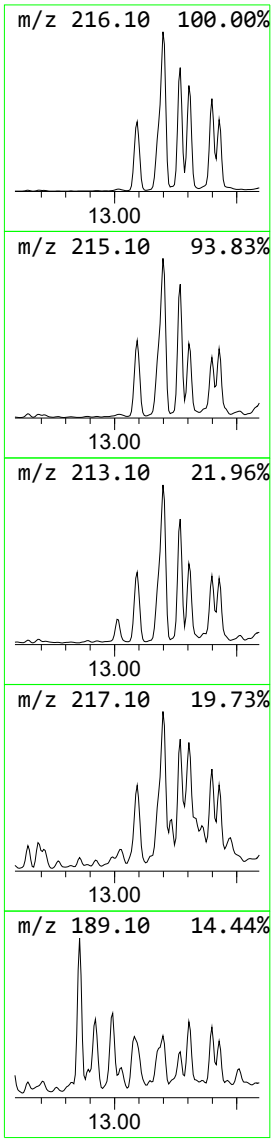
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.092	3.67 ng	693878	Chrysene-d12	14.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83





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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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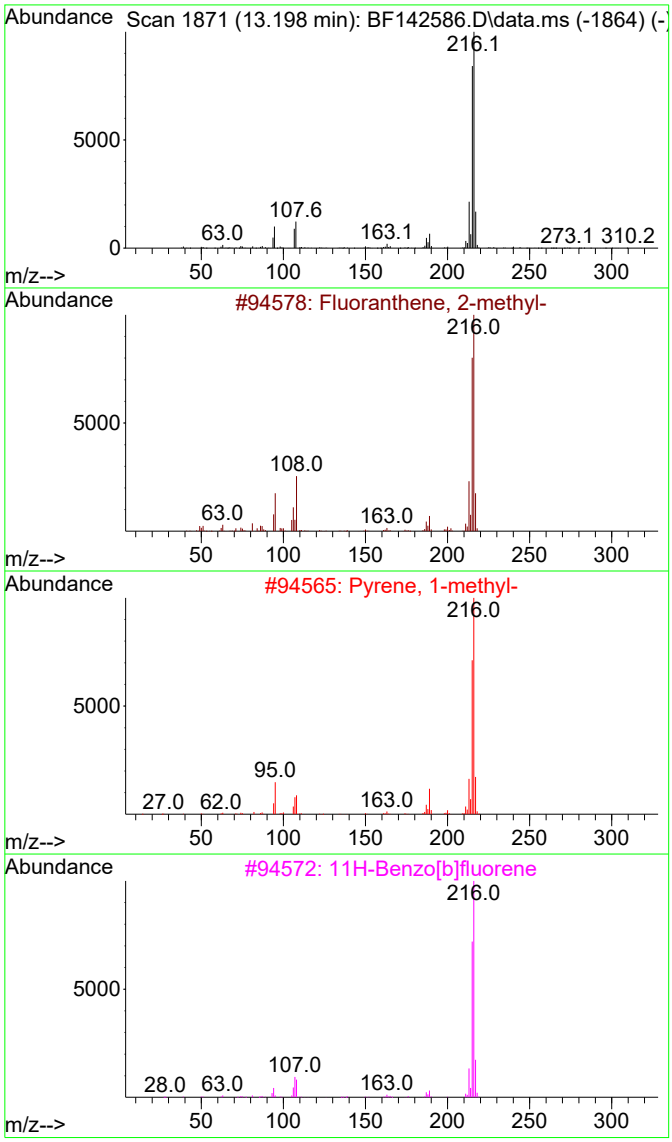
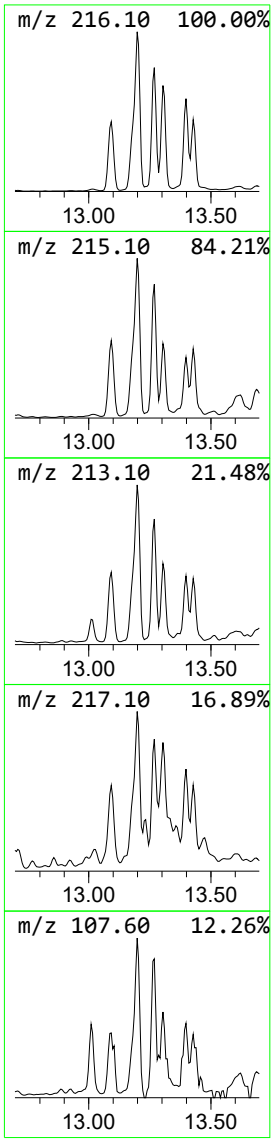
Peak Number 17 Fluoranthene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.198	5.46 ng	1032510	Chrysene-d12	14.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87





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Sample : Q2150-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-44

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.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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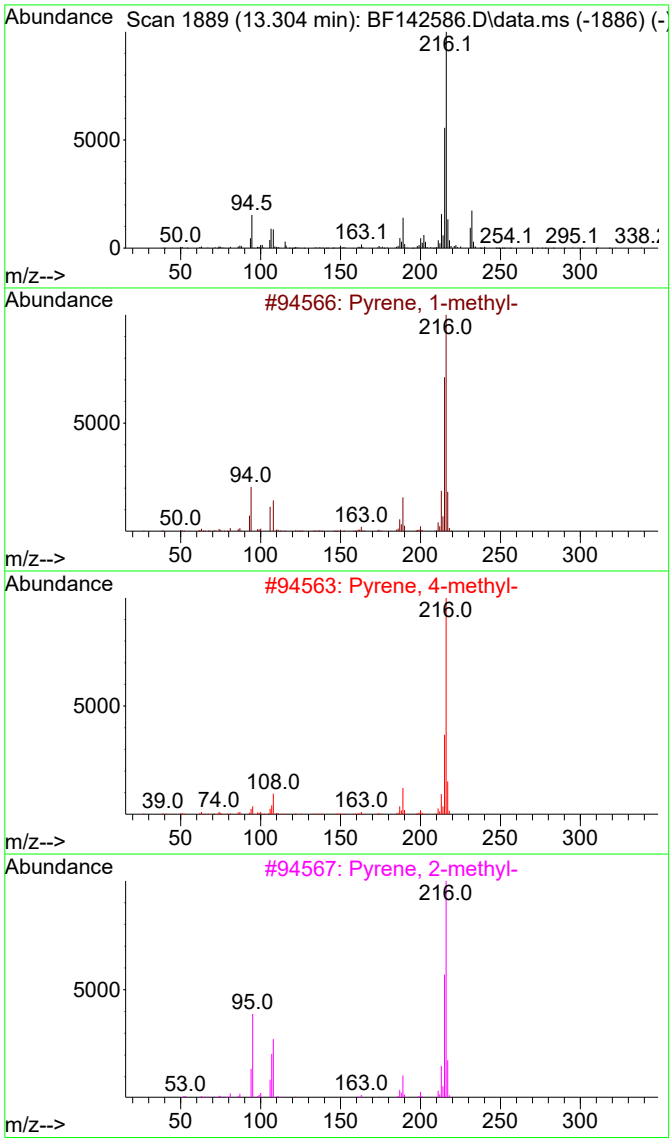
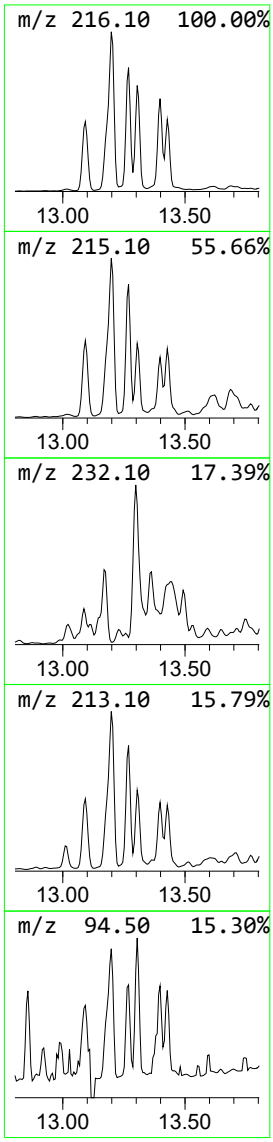
Peak Number 18 Pyrene, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.304	3.15 ng	595676	Chrysene-d12	14.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053025\
Data File : BF142586.D
Acq On : 30 May 2025 23:10
Operator : RC/JU
Sample : Q2150-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-44

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.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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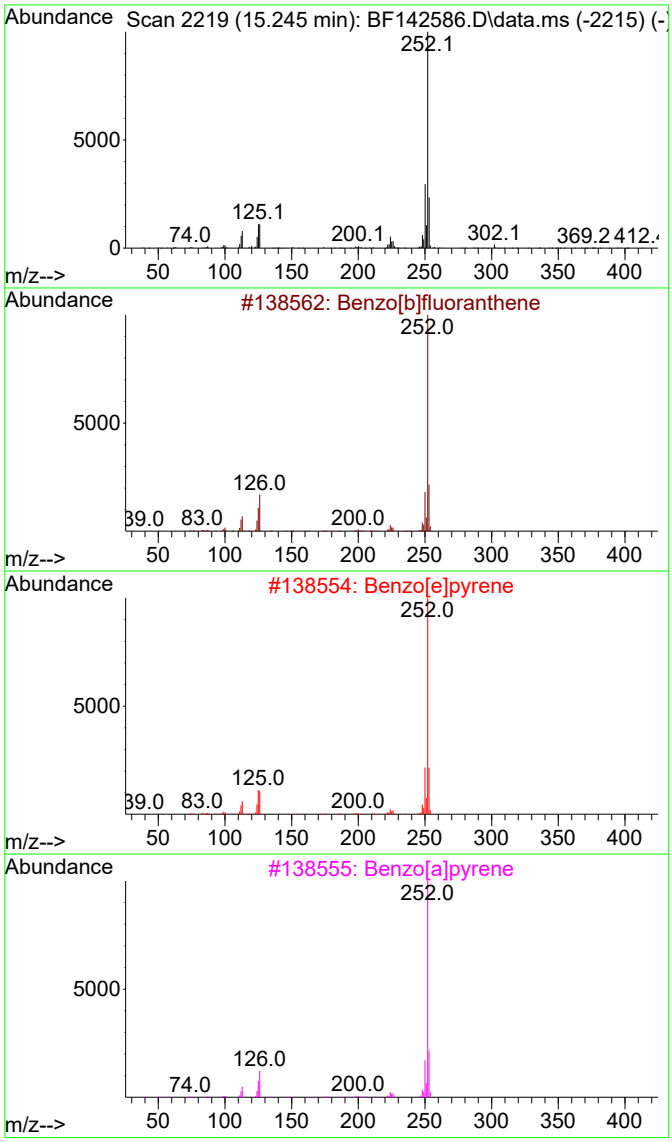
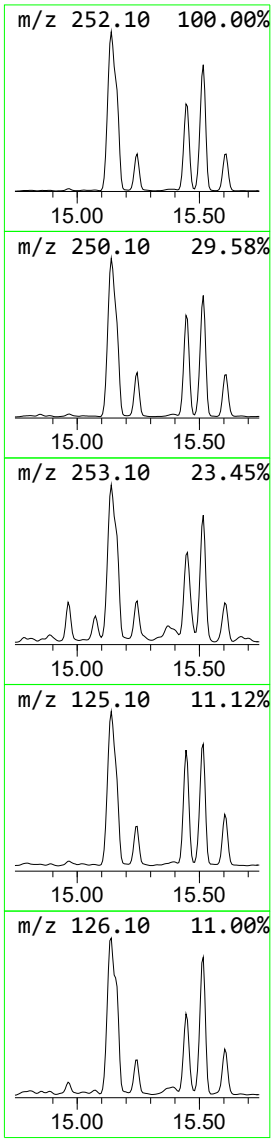
Peak Number 19 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.245	14.29 ng	444418	Perylene-d12	15.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	97
2	Benzo[e]pyrene	252	C20H12	000192-97-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053025\
Data File : BF142586.D
Acq On : 30 May 2025 23:10
Operator : RC/JU
Sample : Q2150-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-44

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.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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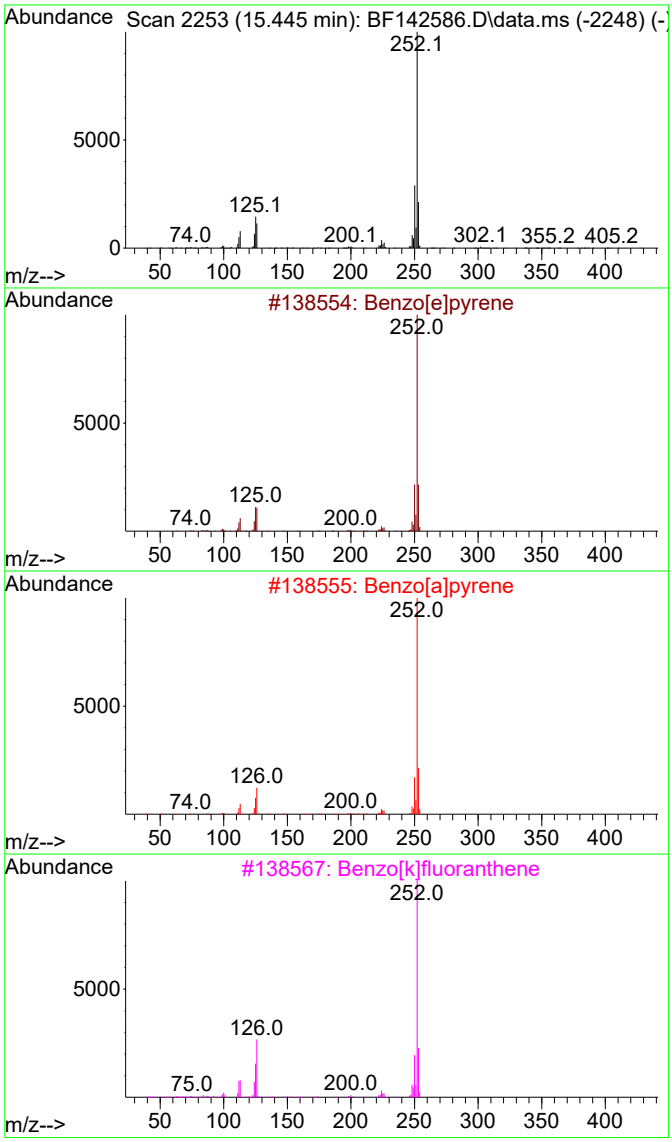
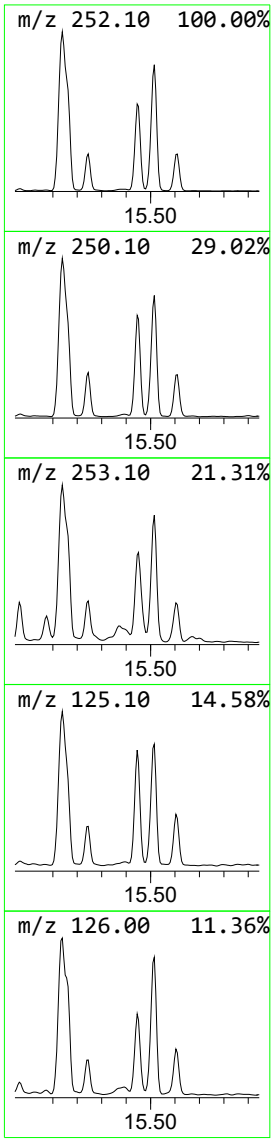
Peak Number 20 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.445	42.42 ng	1319040	Perylene-d12	15.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053025\
Data File : BF142586.D
Acq On : 30 May 2025 23:10
Operator : RC/JU
Sample : Q2150-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-44

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.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
2-Pentanone, 4-...	5.110	5.9	ng	210435	1	6.898	716473	20.0
unknown9.645	9.645	3.2	ng	127302	3	9.939	793014	20.0
Benzophenone	10.645	5.5	ng	219972	3	9.939	793014	20.0
unknown10.851	10.851	3.1	ng	101801	4	11.428	647926	20.0
Dibenzothiophene	11.322	5.3	ng	173381	4	11.428	647926	20.0
Phenanthrene, 2...	11.928	6.7	ng	215971	4	11.428	647926	20.0
Anthracene, 2-m...	11.951	16.7	ng	540511	4	11.428	647926	20.0
Anthracene, 1-m...	12.004	6.0	ng	192956	4	11.428	647926	20.0
4H-Cyclopenta[d...	12.039	27.0	ng	875380	4	11.428	647926	20.0
Naphthalene, 2-...	12.222	6.2	ng	202180	4	11.428	647926	20.0
9,10-Dimethylan...	12.480	11.3	ng	364695	4	11.428	647926	20.0
Pyrene, 4,5,9,1...	12.516	9.3	ng	299770	4	11.428	647926	20.0
Cyclopenta(def)...	12.569	6.8	ng	218972	4	11.428	647926	20.0
9-Cyanophenanth...	12.704	3.6	ng	118193	4	11.428	647926	20.0
Benzene, 1,1'-(...	12.733	3.7	ng	118568	4	11.428	647926	20.0
Pyrene, 1-methyl-	13.092	3.7	ng	693878	5	14.075	3780790	20.0
Fluoranthene, 2...	13.198	5.5	ng	1032510	5	14.075	3780790	20.0
Pyrene, 4-methyl-	13.304	3.1	ng	595676	5	14.075	3780790	20.0
Benzo[e]pyrene	15.245	14.3	ng	444418	6	15.574	621877	20.0
Perylene	15.445	42.4	ng	1319040	6	15.574	621877	20.0