LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
Data File : BF134595.D
Acq On : 02 Aug 2023 23:20
Operator : CG\JU
Sample : 03598-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RB-53-(0-2)

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-BF080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134595.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.163	6	13	19	rBV	54107	77446	2.39%	0.157%
2	2.393	36	52	60	rVB	63548	148004	4.58%	0.299%
3	5.422	562	567	570	rBV	3240444	3141791	97.14%	6.355%
4	6.422	732	737	740	rBV	3158830	3211139	99.28%	6.495%
5	6.622	768	771	777	rBV	124020	94580	2.92%	0.191%
6	6.792	797	800	804	rVB	1304883	1080772	33.42%	2.186%
7	7.351	890	895	898	rBV	2247915	1971721	60.96%	3.988%
8	8.069	1013	1017	1020	rBV	1529734	1423173	44.00%	2.878%
9	8.092	1020	1021	1024	rVB	225986	117572	3.64%	0.238%
10	8.781	1135	1138	1142	rBV	98264	82640	2.56%	0.167%
11	8.881	1152	1155	1160	rVB	99636	75341	2.33%	0.152%
12	9.151	1197	1201	1204	rVB	3880742	3207923	99.18%	6.488%
13	9.486	1253	1258	1260	rVV	79530	81542	2.52%	0.165%
14	9.686	1288	1292	1295	rBV	161425	130597	4.04%	0.264%
15	9.828	1310	1316	1319	rBV	1593044	1294483	40.02%	2.618%
16	9.857	1319	1321	1324	rVB	187608	139175	4.30%	0.281%
17	10.028	1347	1350	1354	rVB	184159	154675	4.78%	0.313%
18	10.375	1405	1409	1415	rVB	200525	189569	5.86%	0.383%
19	10.533	1433	1436	1441	rVB	78329	80469	2.49%	0.163%
20	10.610	1445	1449	1453	rBV	1877023	1729713	53.48%	3.498%
21	10.739	1468	1471	1478	rVB4	71102	76617	2.37%	0.155%
22	10.922	1496	1502	1505	rBV4	52485	79291	2.45%	0.160%
23	11.051	1519	1524	1526	rBV3	60226	66510	2.06%	0.135%
24	11.074	1526	1528	1532	rVV2	64447	69529	2.15%	0.141%
25	11.116	1532	1535	1540	rVV	187709	155422	4.81%	0.314%
26	11.163	1540	1543	1546	rVV	68966	73590	2.28%	0.149%
27	11.210	1549	1551	1556	rVB	139968	124852	3.86%	0.253%
28	11.316	1565	1569	1570	rBV	1219926	1104462	34.15%	2.234%
29	11.339	1570	1573	1576	rVV	2767344	2268189	70.13%	4.588%
30	11.386	1576	1581	1584	rVV	467988	411527	12.72%	0.832%
31	11.422	1584	1587	1591	rVV2	75247	64072	1.98%	0.130%
32	11.545	1605	1608	1610	rVB	252072	201489	6.23%	0.408%
33	11.616	1618	1620	1623	rBV2	74553	68229	2.11%	0.138%
34	11.645	1623	1625	1630	rVB3	66793	58056	1.79%	0.117%
35	11.816	1648	1654	1656	rVV	393548	335995	10.39%	0.680%
36	11.845	1656	1659	1664	rVV	580327	586794	18.14%	1.187%

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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-53-(0-2)

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-BF080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.892	1664	1667	1669	rVV	143942	130340	4.03%	0.264%
38	11.927	1669	1673	1675	rVV	514701	502762	15.54%	1.017%
39	11.951	1675	1677	1680	rVV	299746	232931	7.20%	0.471%
40	12.021	1687	1689	1692	rVV2	61050	83821	2.59%	0.170%
41	12.116	1702	1705	1706	rVV	316874	266424	8.24%	0.539%
42	12.133	1706	1708	1712	rVV	493775	381657	11.80%	0.772%
43	12.263	1727	1730	1733	rBV	93596	77716	2.40%	0.157%
44	12.316	1737	1739	1742	rVB	85103	67014	2.07%	0.136%
45	12.369	1742	1748	1751	rBV	275321	302704	9.36%	0.612%
46	12.404	1751	1754	1756	rVV	120079	141229	4.37%	0.286%
47	12.421	1756	1757	1759	rVV	102623	82312	2.54%	0.166%
48	12.451	1759	1762	1767	rVB2	218511	235124	7.27%	0.476%
49	12.533	1772	1776	1779	rVB	3500617	3014853	93.21%	6.098%
50	12.586	1779	1785	1789	rBV3	75024	125489	3.88%	0.254%
51	12.621	1789	1791	1793	rVV	132721	101309	3.13%	0.205%
52	12.657	1793	1797	1799	rVV	124363	146886	4.54%	0.297%
53	12.680	1799	1801	1805	rVB	100674	96473	2.98%	0.195%
54	12.763	1808	1815	1818	rBV	2888605	3234346	100.00%	6.542%
55	12.810	1820	1823	1828	rVB2	142392	196924	6.09%	0.398%
56	12.874	1831	1834	1836	rBV	190561	185510	5.74%	0.375%
57	12.910	1836	1840	1843	rVB	2806643	2506618	77.50%	5.070%
58	12.980	1846	1852	1855	rBV2	225992	367290	11.36%	0.743%
59	13.063	1864	1866	1868	rVV2	174620	202513	6.26%	0.410%
60	13.086	1868	1870	1873	rVB	332440	290195	8.97%	0.587%
61	13.127	1873	1877	1879	rBV3	39922	59827	1.85%	0.121%
62	13.151	1879	1881	1884	rVB	209631	179687	5.56%	0.363%
63	13.192	1884	1888	1891	rBV	350702	353555	10.93%	0.715%
64	13.251	1895	1898	1900	rBV	64271	69629	2.15%	0.141%
65	13.280	1900	1903	1906	rVB	174989	156722	4.85%	0.317%
66	13.316	1906	1909	1913	rBV2	177240	179986	5.56%	0.364%
67	13.386	1918	1921	1925	rBV4	37556	57013	1.76%	0.115%
68	13.492	1931	1939	1945	rBV7	109669	244315	7.55%	0.494%
69	13.592	1953	1956	1961	rVB	281310	267704	8.28%	0.541%
70	13.704	1970	1975	1978	rBV2	206923	300733	9.30%	0.608%
71	13.739	1978	1981	1982	rVV	250637	214019	6.62%	0.433%
72	13.757	1982	1984	1986	rVV	195030	188729	5.84%	0.382%
73	13.798	1989	1991	1993	rVV	181061	155414	4.81%	0.314%
74	13.821	1993	1995	2000	rVB2	163567	163409	5.05%	0.331%
75	13.880	2002	2005	2010	rVB4	49655	76023	2.35%	0.154%
76	13.957	2013	2018	2021	rBV2	1633697	2267049	70.09%	4.585%

LSC Area Percent Report

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Acq On : 02 Aug 2023 23:20
Operator : CG\JU
Sample : 03598-09
Misc :
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Instrument :
BNA_F
ClientSampleId :
RB-53-(0-2)

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-BF080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.986	2021	2023	2025	rVB	1264182	893723	27.63%	1.808%
78	14.063	2034	2036	2039	rVV	126450	96353	2.98%	0.195%
79	14.098	2039	2042	2044	rVV	119764	101544	3.14%	0.205%
80	14.145	2047	2050	2053	rVV2	120953	122223	3.78%	0.247%
81	14.186	2053	2057	2060	rVV2	91213	132001	4.08%	0.267%
82	14.310	2076	2078	2080	rVV	68156	65447	2.02%	0.132%
83	14.345	2080	2084	2087	rVV	243539	281594	8.71%	0.570%
84	14.380	2087	2090	2094	rVV2	178556	187515	5.80%	0.379%
85	14.439	2097	2100	2102	rVV2	139904	162747	5.03%	0.329%
86	14.468	2103	2105	2107	rVV2	137418	141665	4.38%	0.287%
87	14.492	2107	2109	2113	rVV3	97524	126723	3.92%	0.256%
88	14.545	2116	2118	2122	rVB3	69924	72071	2.23%	0.146%
89	14.762	2152	2155	2160	rVB2	77408	99572	3.08%	0.201%
90	14.904	2176	2179	2182	rBV3	64567	74443	2.30%	0.151%
91	14.998	2190	2195	2198	rBV	824536	1281183	39.61%	2.591%
92	15.104	2210	2213	2216	rVB	176546	173551	5.37%	0.351%
93	15.298	2241	2246	2252	rVB	496370	610594	18.88%	1.235%
94	15.357	2252	2256	2262	rVB	728602	822337	25.43%	1.663%
95	15.421	2263	2267	2270	rBV	577811	686477	21.22%	1.388%
96	15.451	2270	2272	2276	rVB	139748	145445	4.50%	0.294%
97	16.462	2440	2444	2448	rBV4	44217	68079	2.10%	0.138%
98	16.892	2511	2517	2527	rVB2	236353	526264	16.27%	1.064%
99	17.074	2544	2548	2554	rBV2	49259	99616	3.08%	0.201%
100	17.333	2586	2592	2603	rBV	189117	387540	11.98%	0.784%

Sum of corrected areas: 49441910

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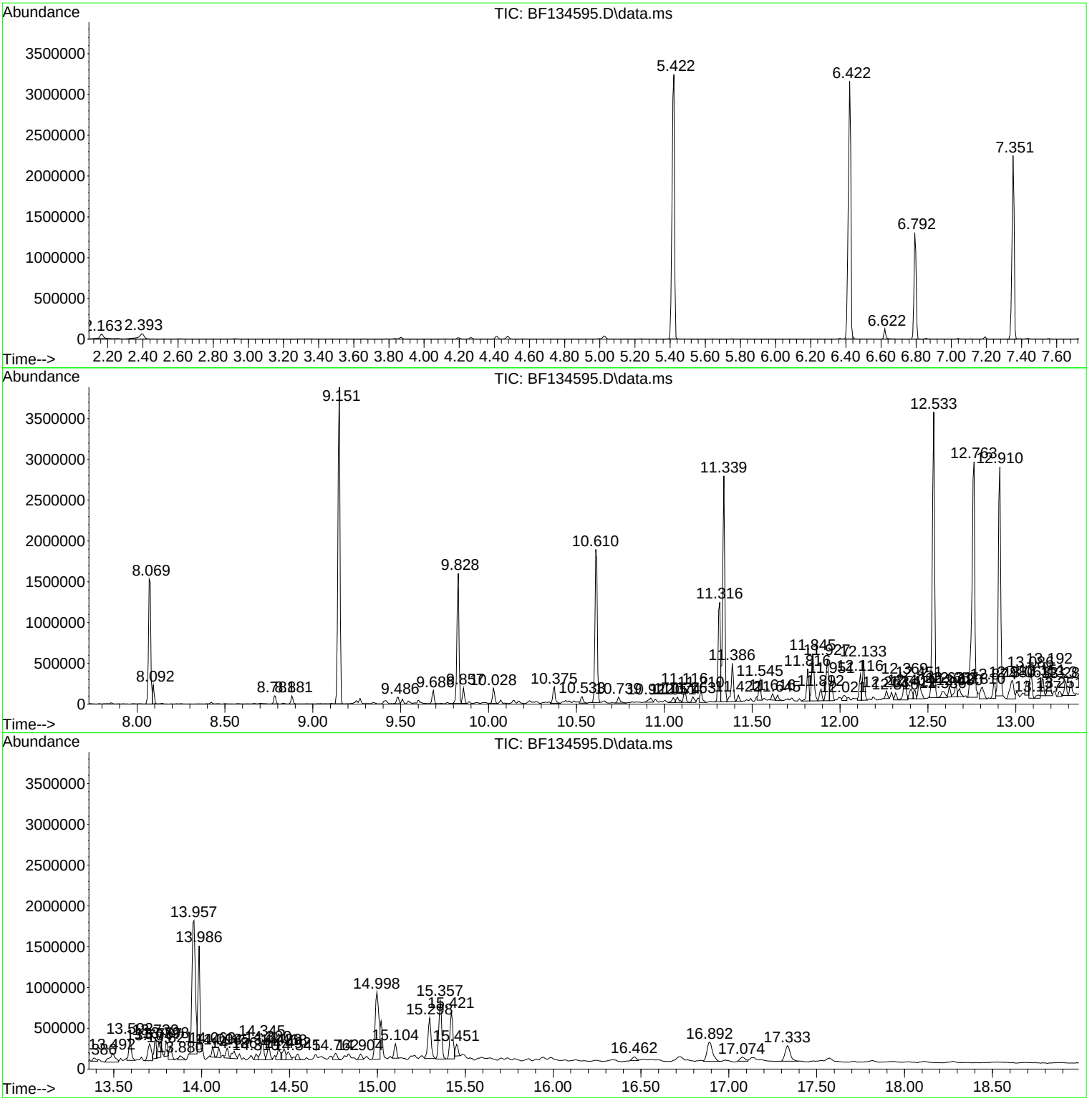
Instrument :
BNA_F
ClientSampleId :
RB-53-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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\BF080223\
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RB-53-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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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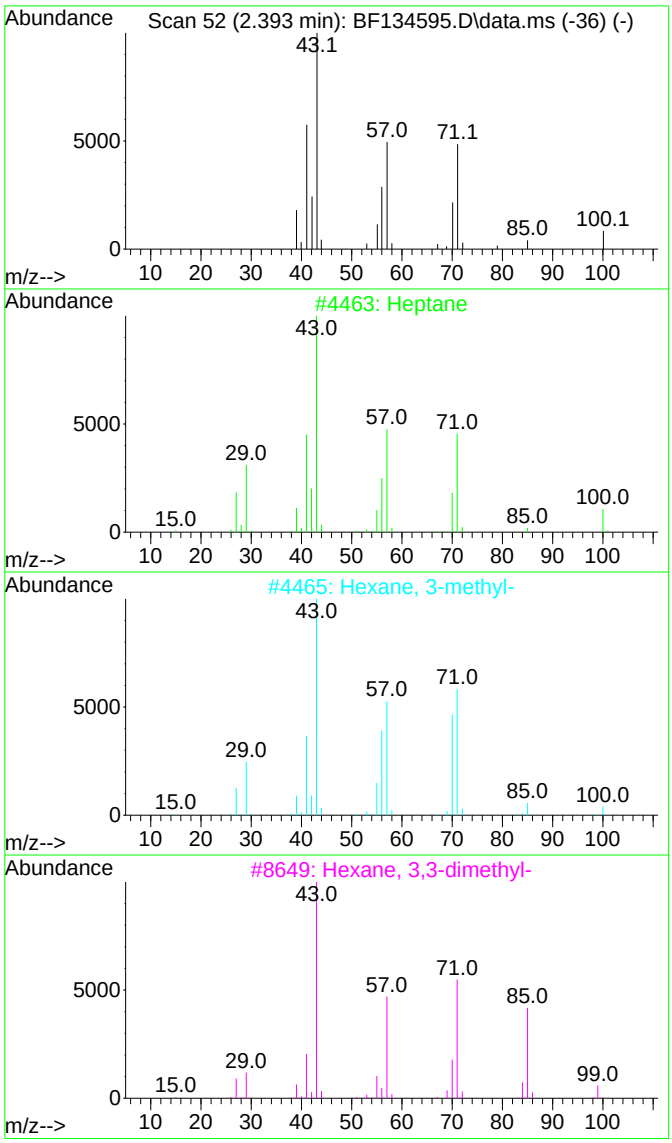
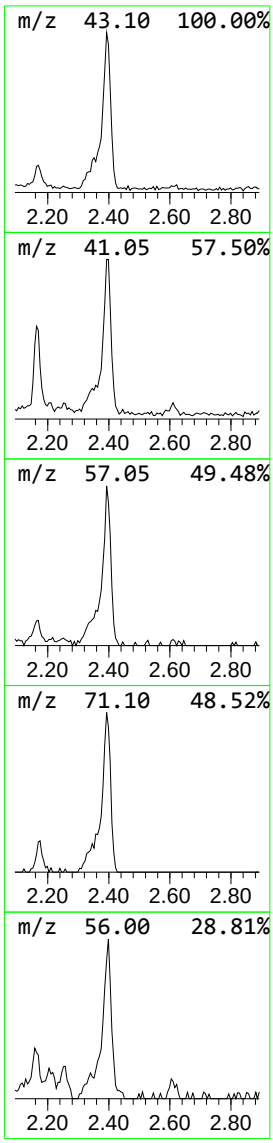
Peak Number 1 Heptane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.393	2.74 ng	148004	1,4-Dichlorobenzene-d4	6.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	59
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	50
4	1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	40
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
Data File : BF134595.D
Acq On : 02 Aug 2023 23:20
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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
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RB-53-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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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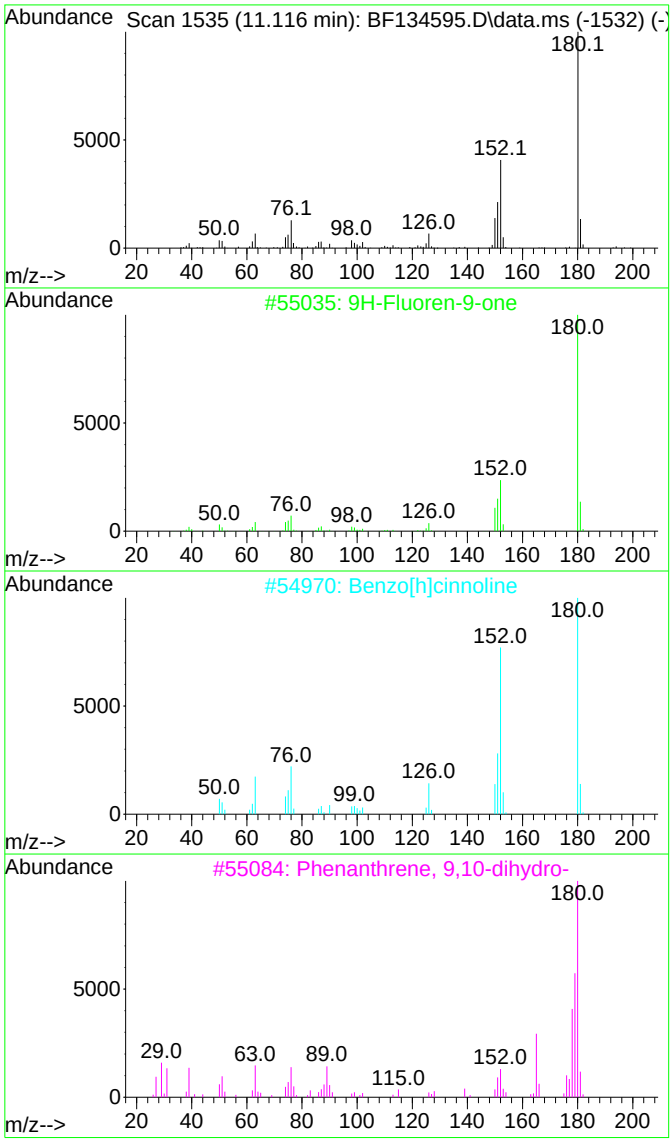
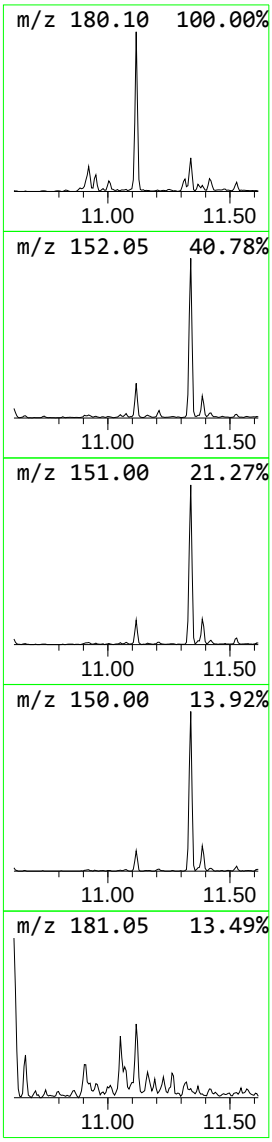
Peak Number 2 9H-Fluoren-9-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.116	2.81 ng	155422	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	50
3	Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	50
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	47
5	5-(Phenylethynyl)pyrimidine	180	C12H8N2	071418-88-7	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
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Instrument :
BNA_F
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RB-53-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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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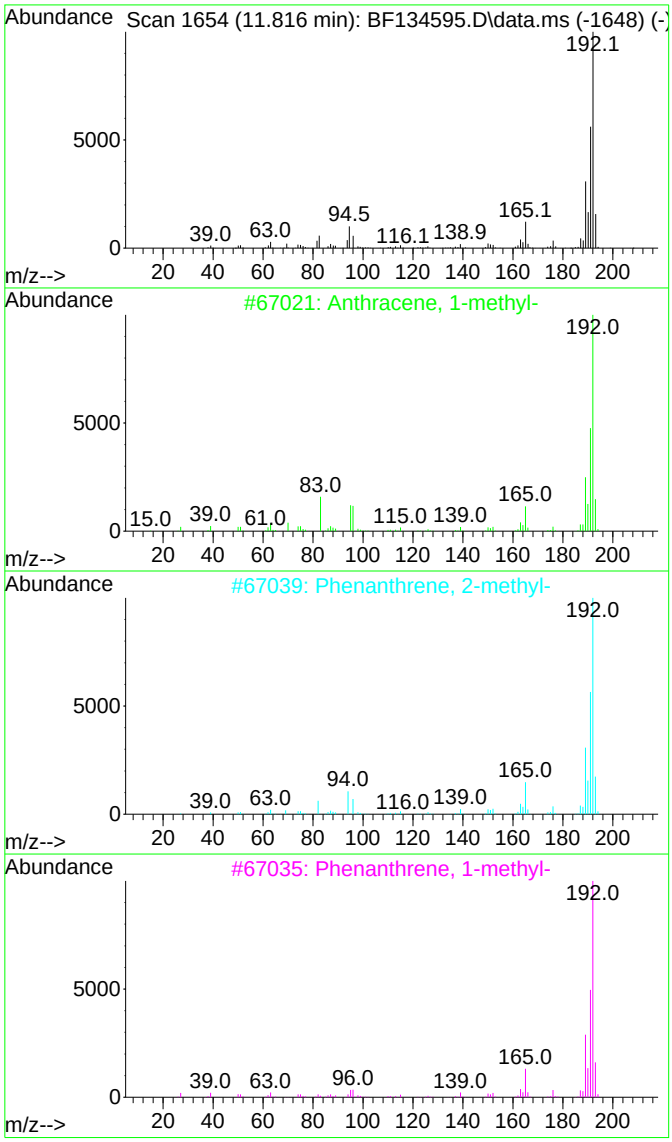
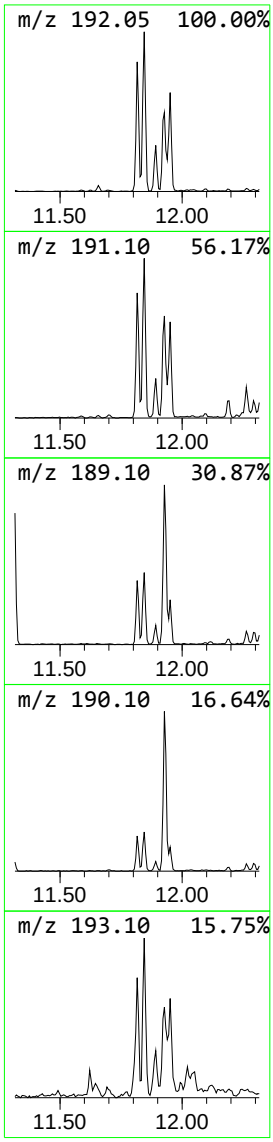
Peak Number 3 Anthracene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.816	6.08 ng	335995	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90





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Instrument :
BNA_F
ClientSampleId :
RB-53-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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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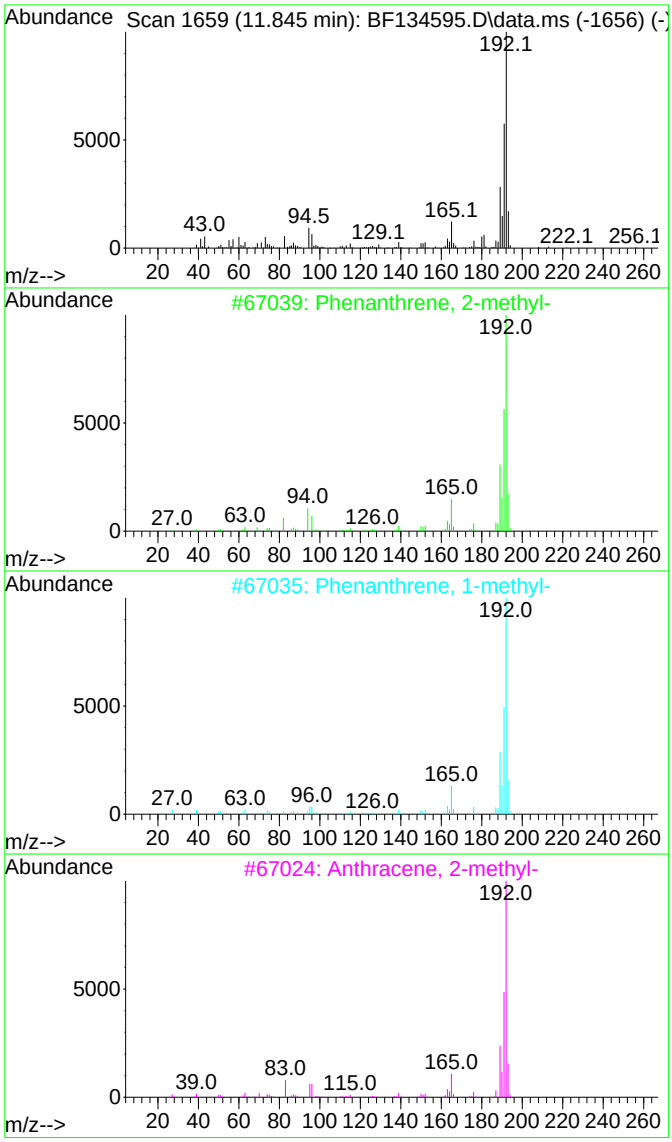
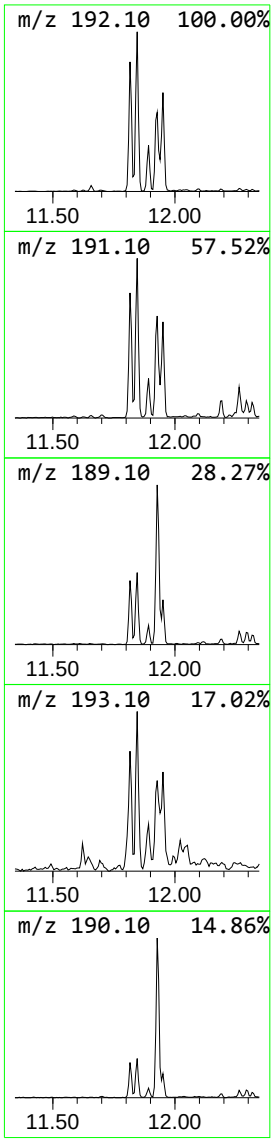
Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	10.63 ng	586794	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
Data File : BF134595.D
Acq On : 02 Aug 2023 23:20
Operator : CG\JU
Sample : 03598-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-53-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

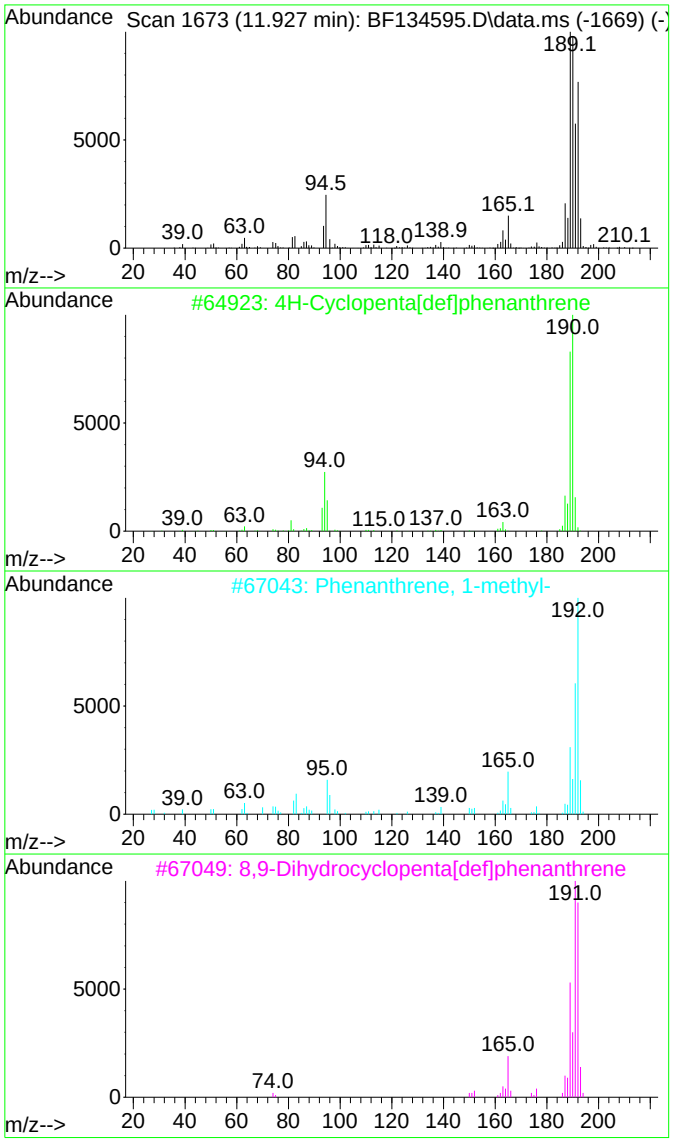
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

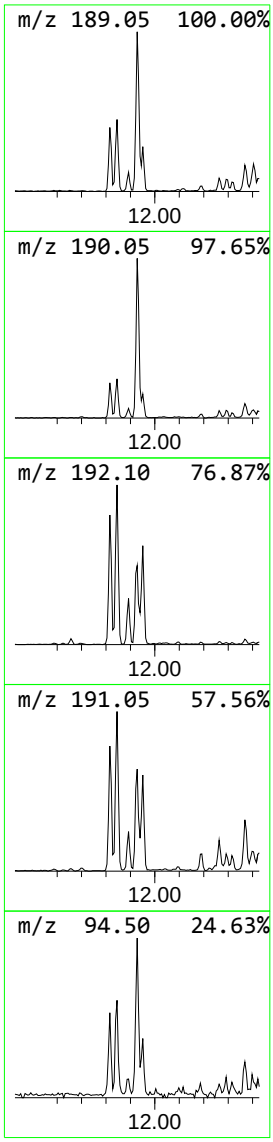
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	9.10 ng	502762	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
3	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	38
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	38





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Operator : CG\JU
Sample : 03598-09
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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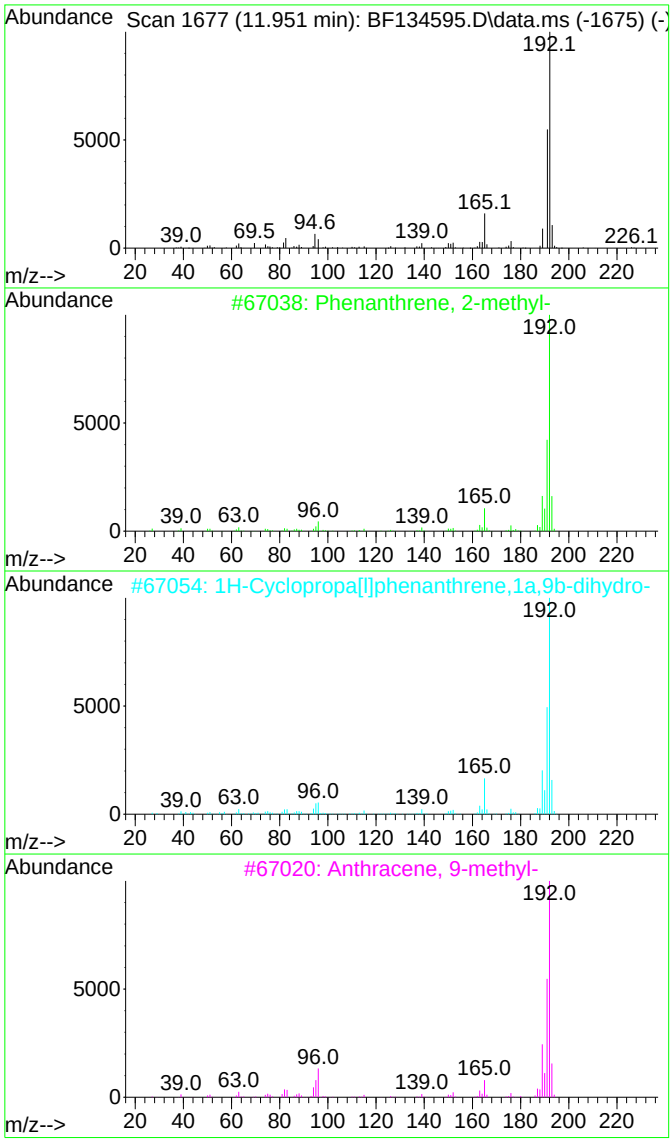
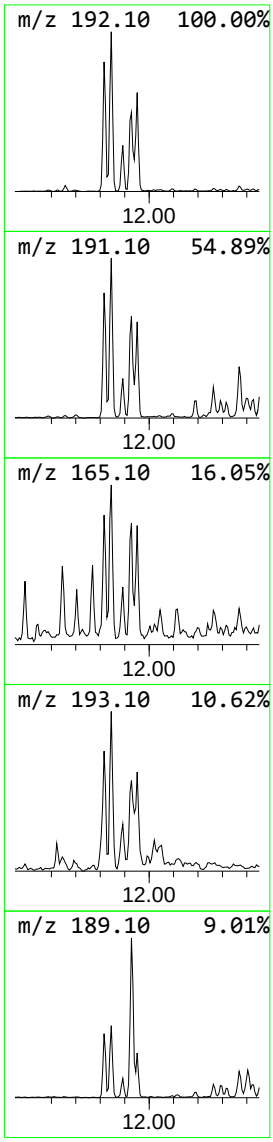
Peak Number 6 1H-Cyclopropa[l]phenanthren... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	4.22 ng	232931	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	76
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	74
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	74
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	72





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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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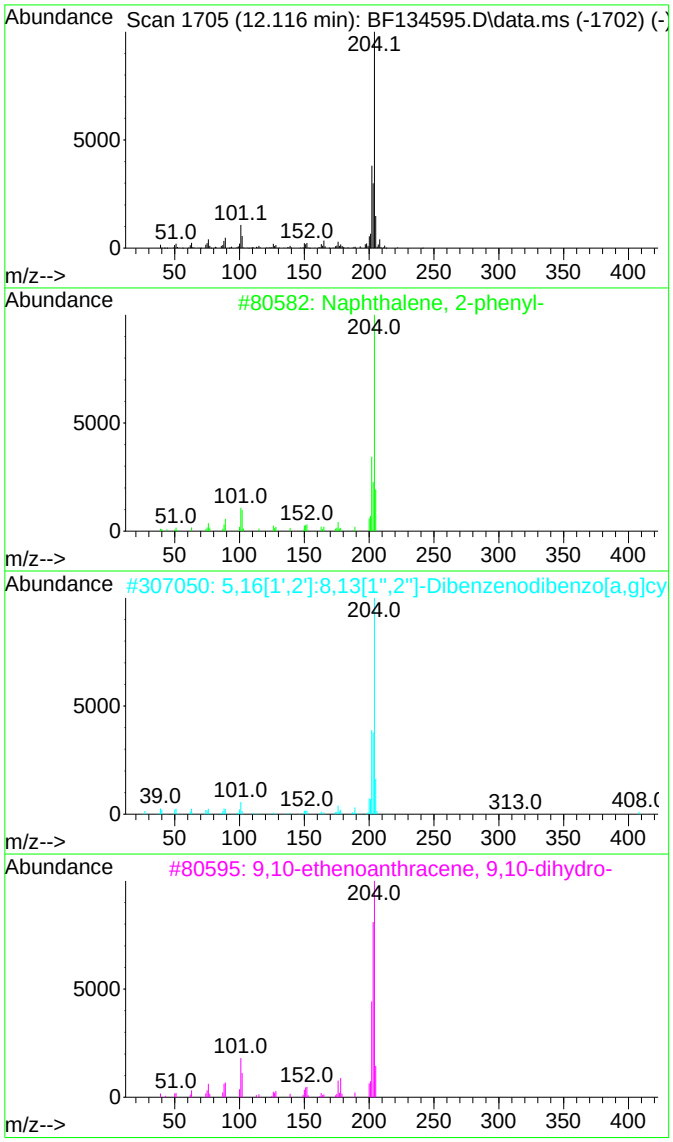
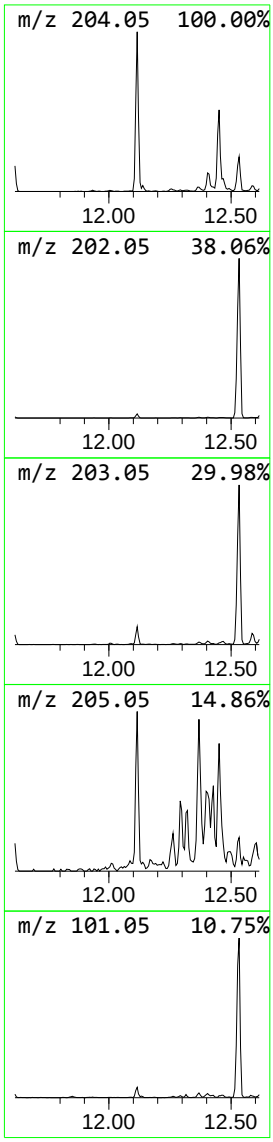
Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.116	4.82 ng	266424	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	91
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	9,10-ethenoanthracene, 9,10-dihy...	204	C16H12	1000400-47-8	47
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	47
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	46





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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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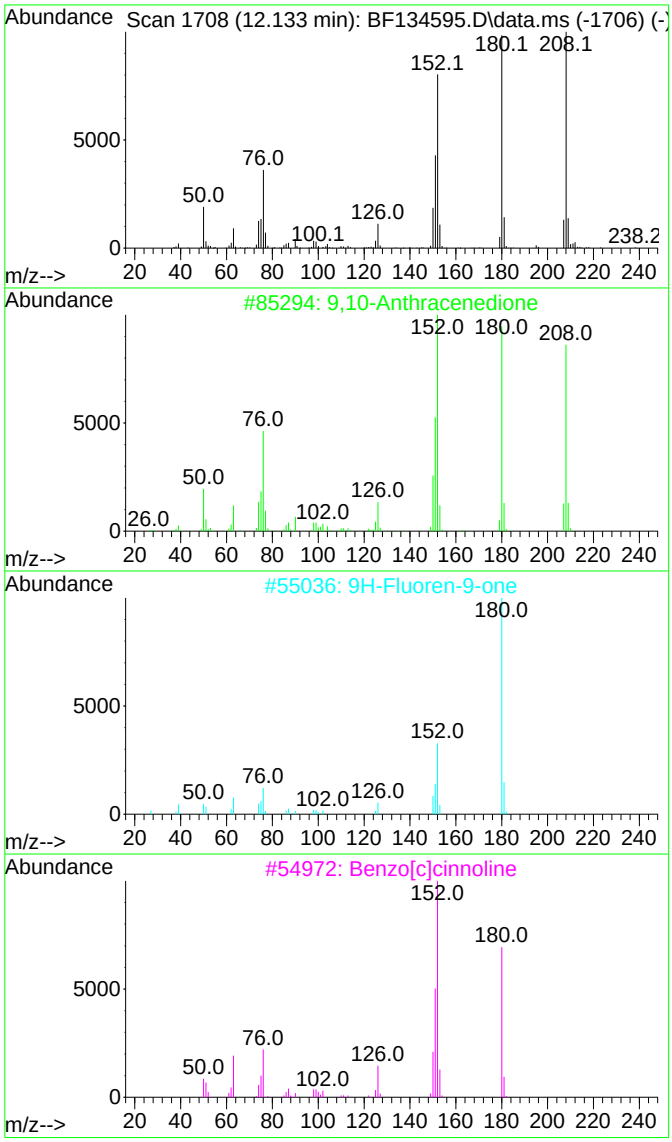
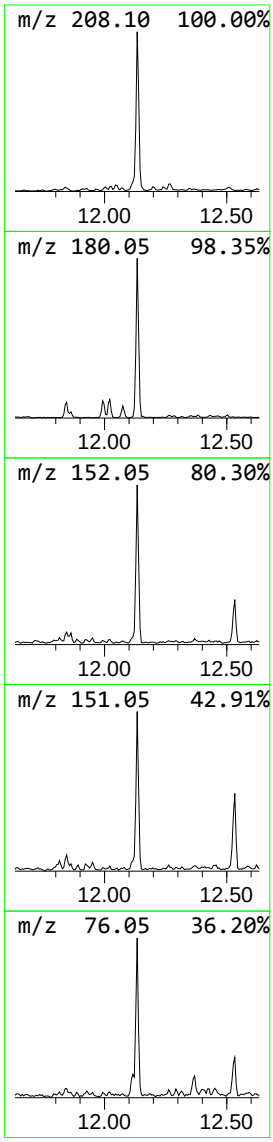
Peak Number 8 9,10-Anthracenedione Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.133	6.91 ng	381657	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	58





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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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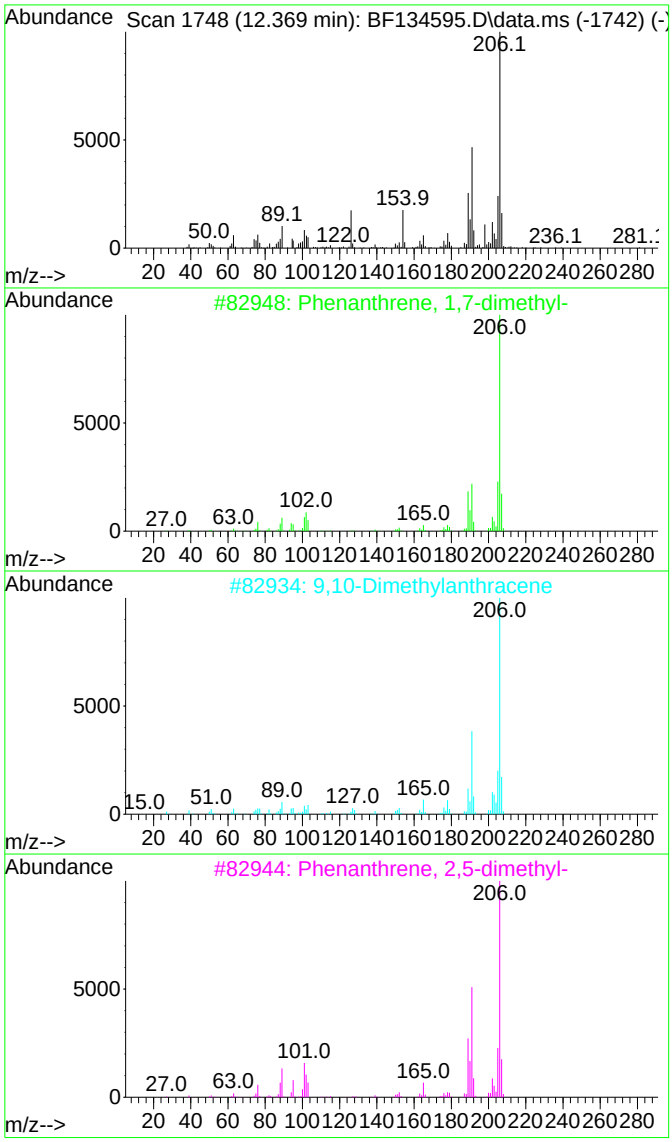
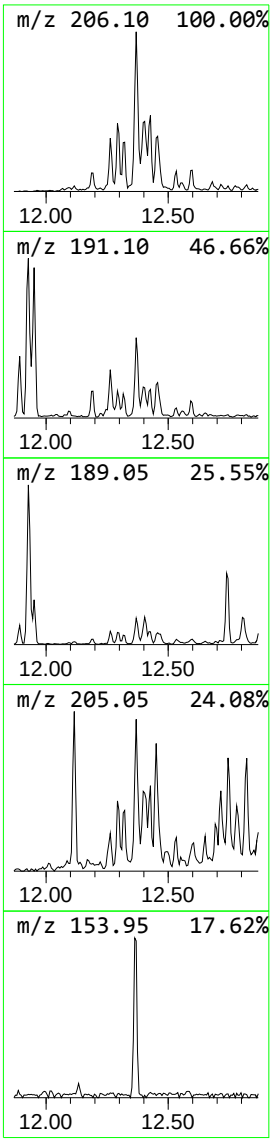
Peak Number 9 Phenanthrene, 1,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.368	5.48 ng	302704	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	83
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	83





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

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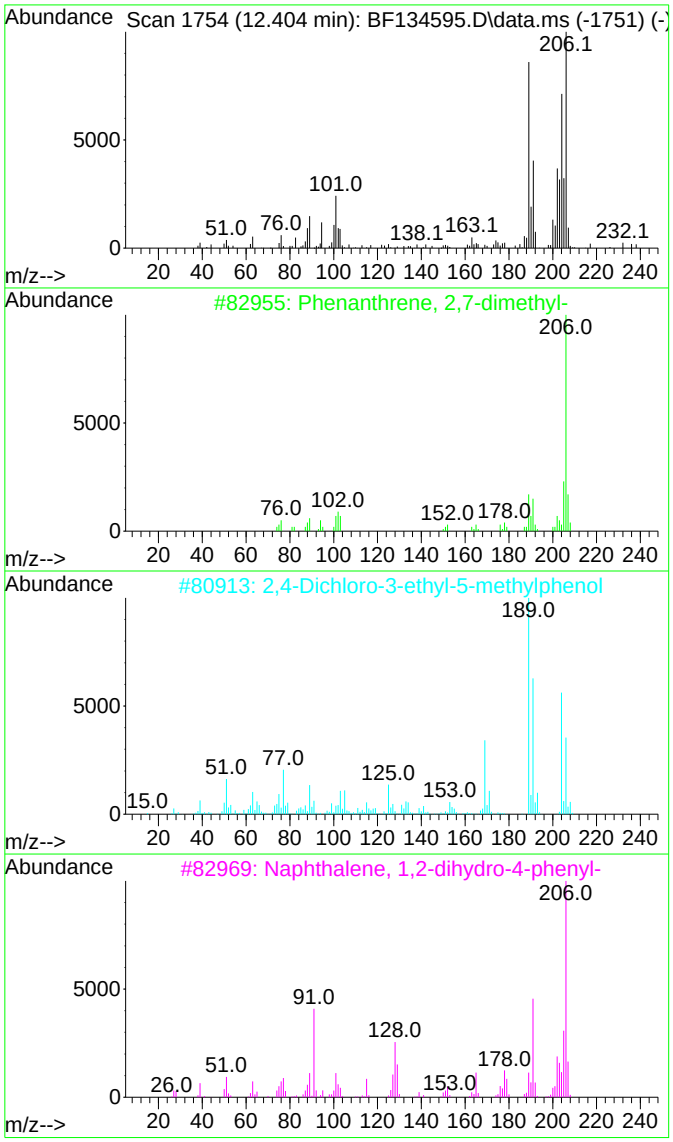
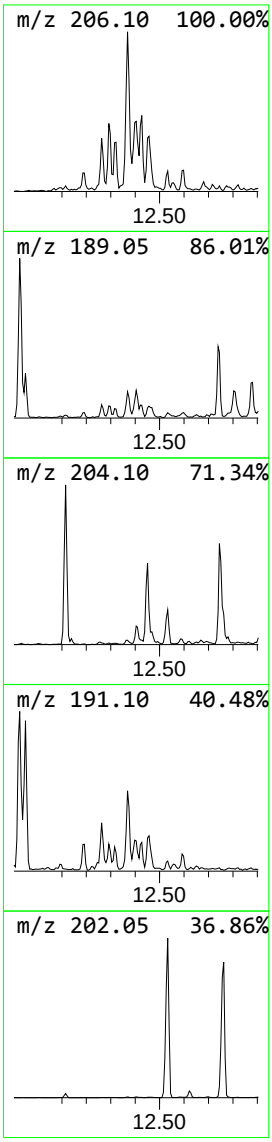
Peak Number 10 Phenanthrene, 2,7-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.404	2.56 ng	141229	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	52
2	2,4-Dichloro-3-ethyl-5-methylphenol	204	C9H10Cl2O	001127-60-2	47
3	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	43
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	43
5	3,5-Dichloro-4-hydroxybenzoic acid	206	C7H4Cl2O3	003336-41-2	38





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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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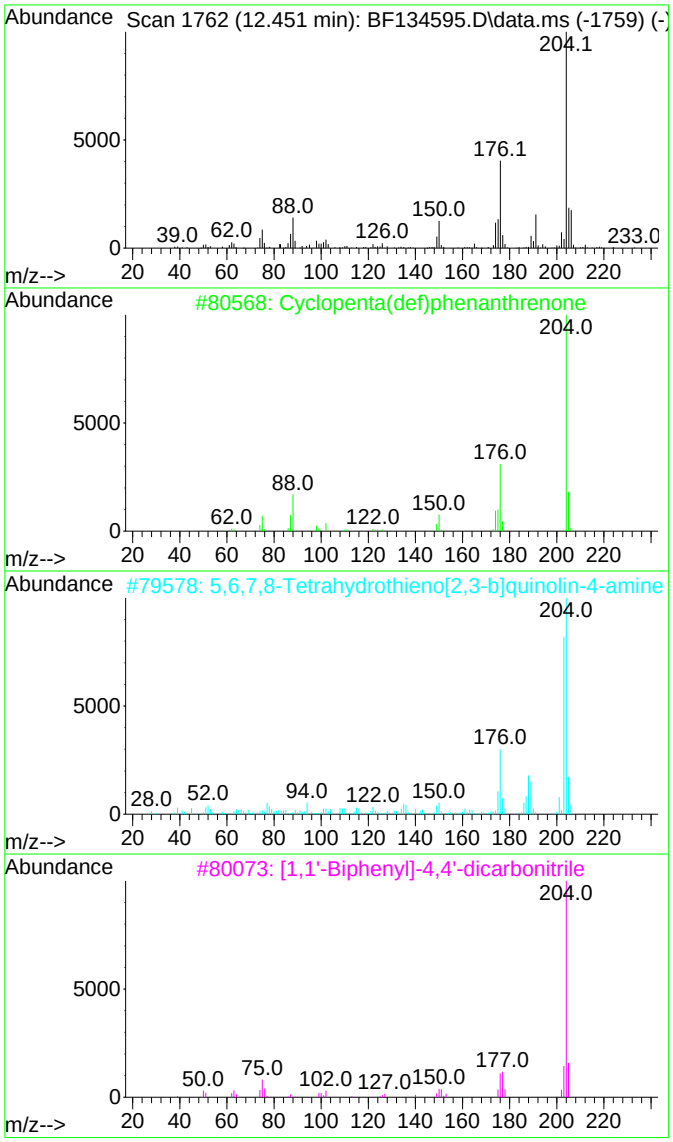
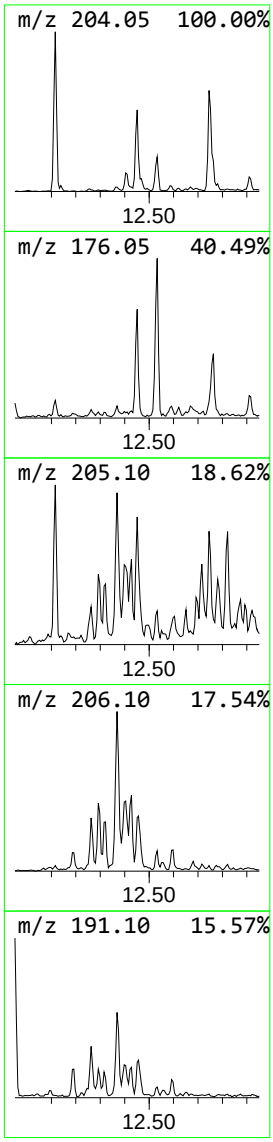
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	4.26 ng	235124	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
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	47
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	47





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Misc :
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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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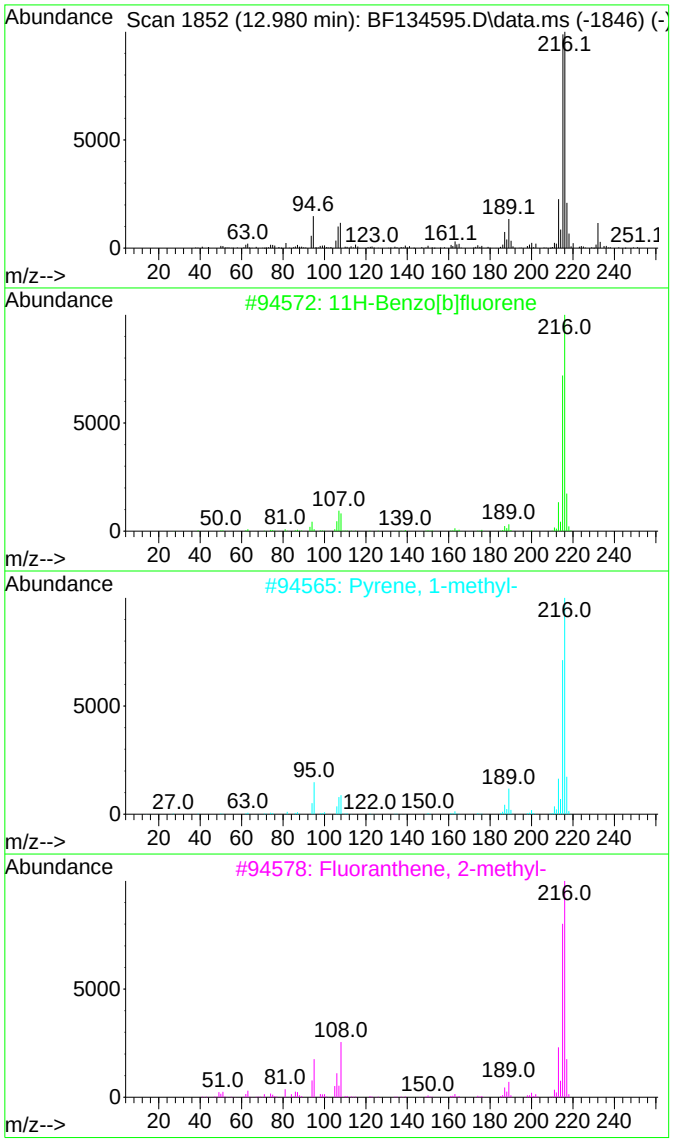
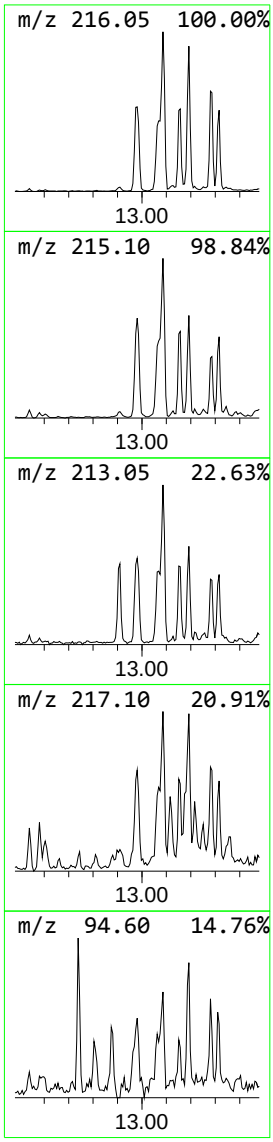
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.980	3.24 ng	367290	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





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ALS Vial : 26 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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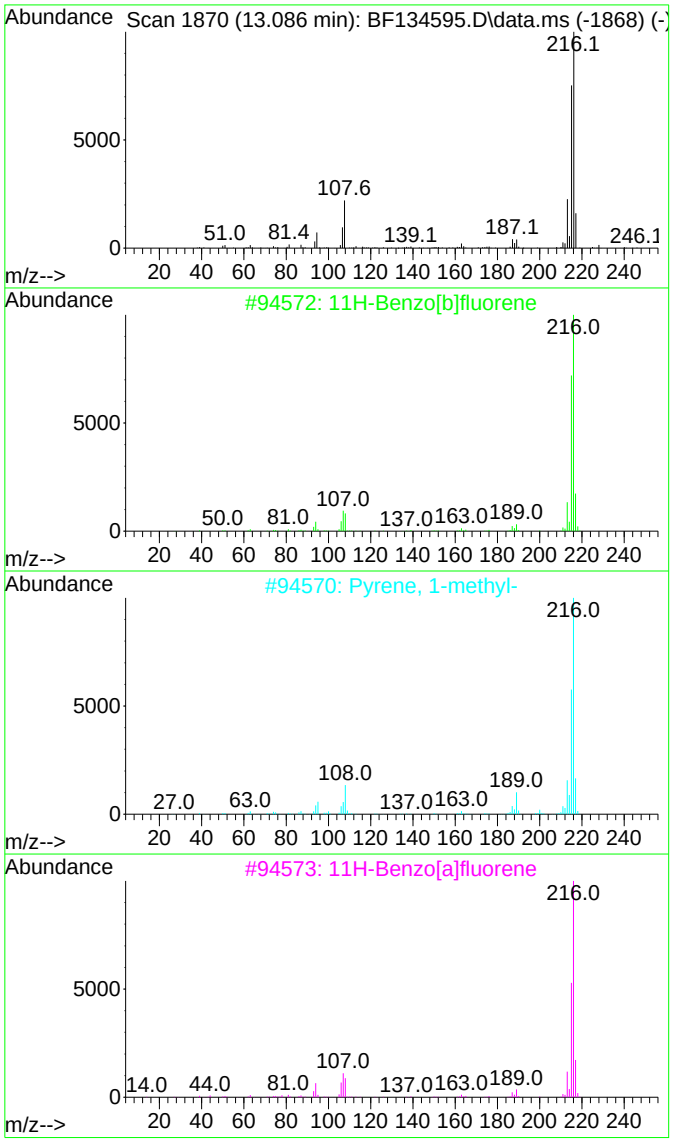
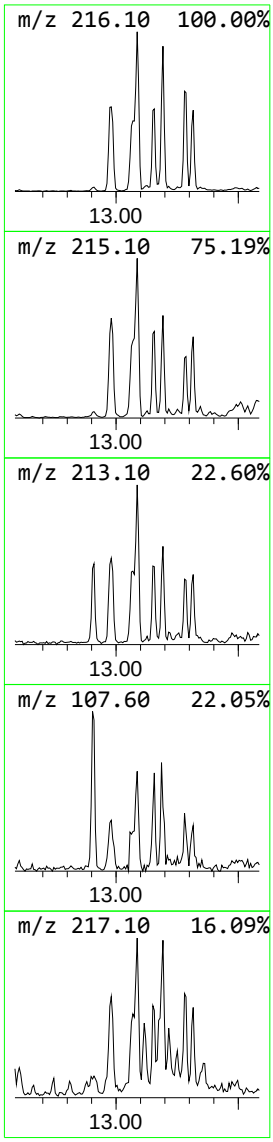
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.086	2.56 ng	290195	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	59





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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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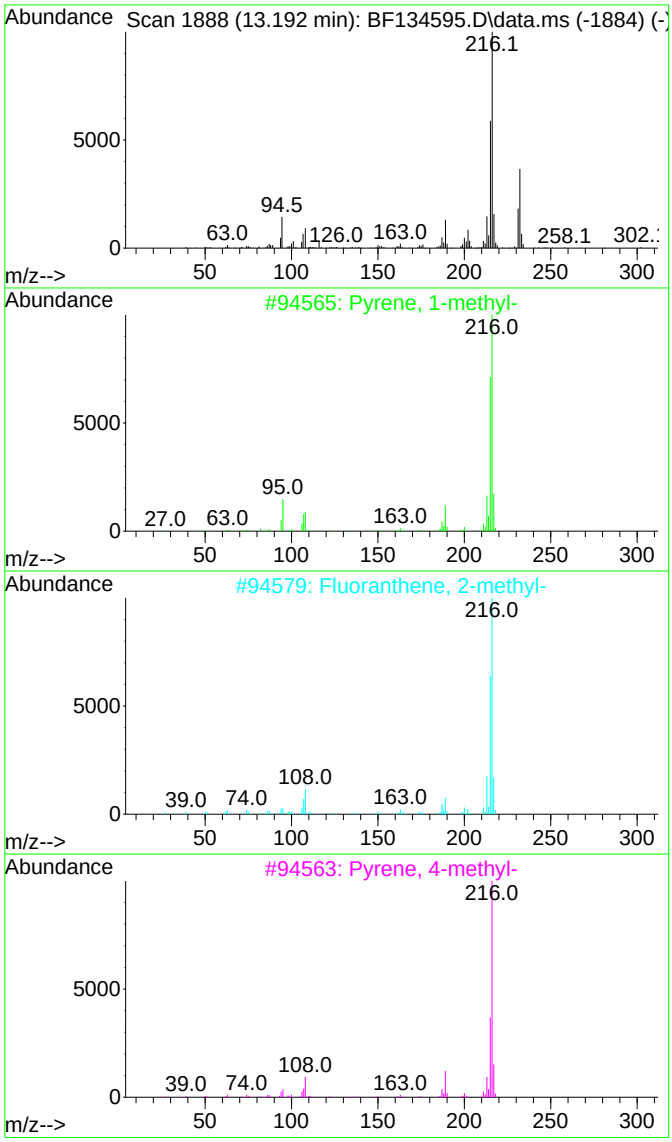
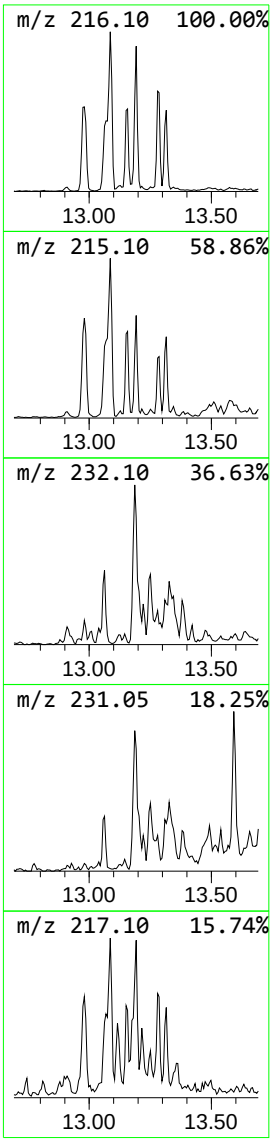
Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.192	3.12 ng	353555	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	96
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	86





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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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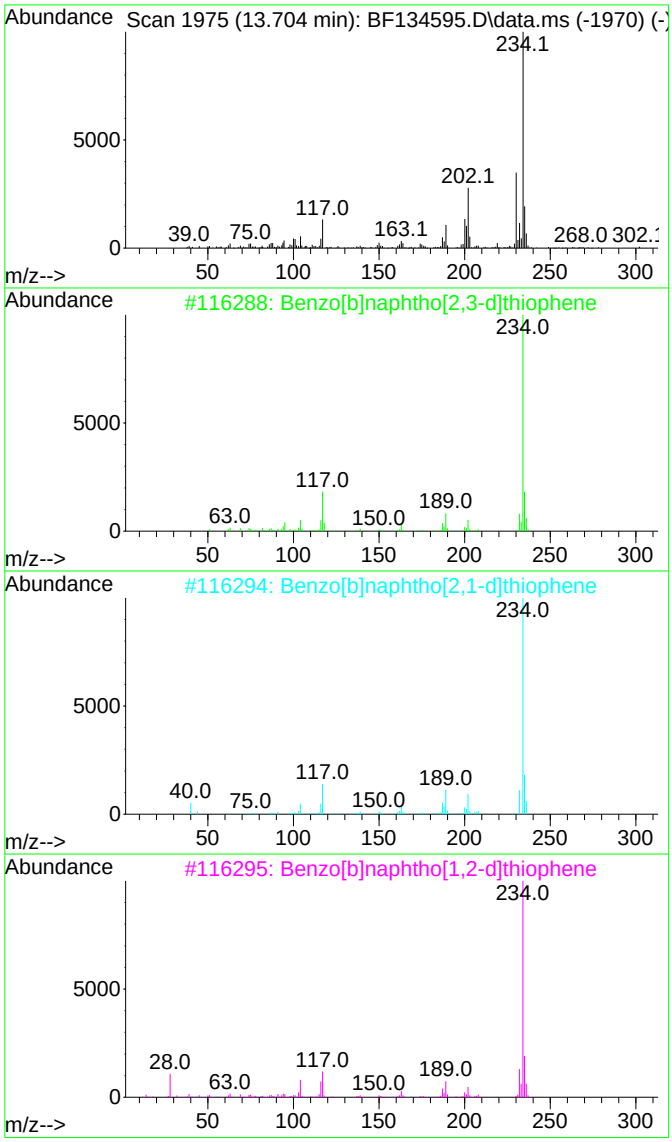
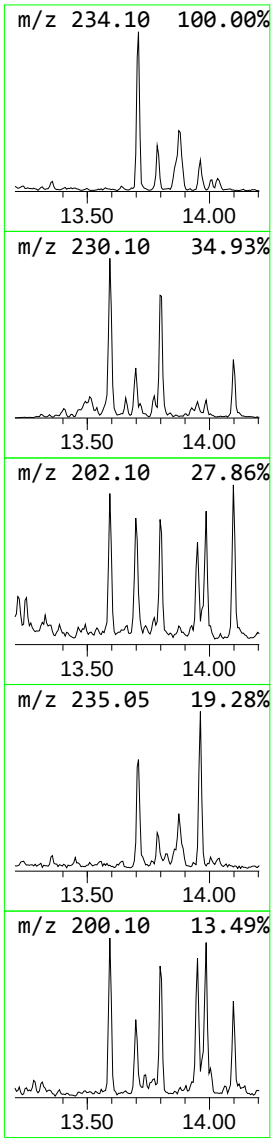
Peak Number 15 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.704	2.65 ng	300733	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	95
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	64
4	3-(1H-benzimidazol-2-yl)-2H-inda...	234	C14H10N4	1097816-83-5	43
5	2-Amino-6-t-butyl-3-cyano-4,5,6,...	234	C13H18N2S	042159-76-2	43





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

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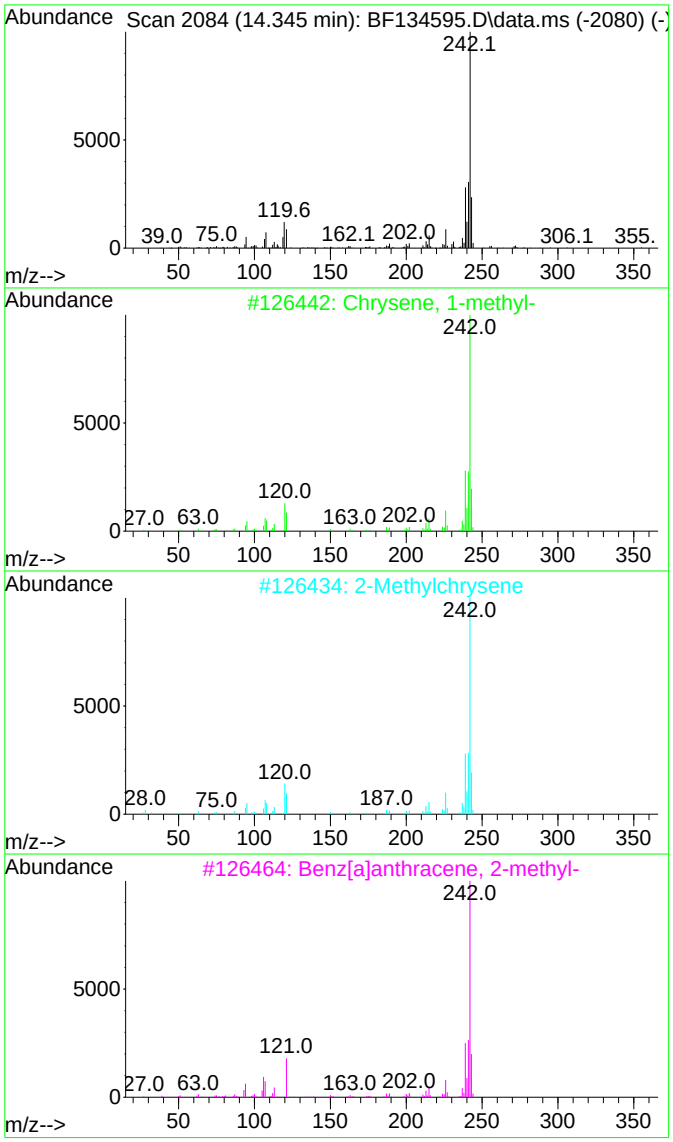
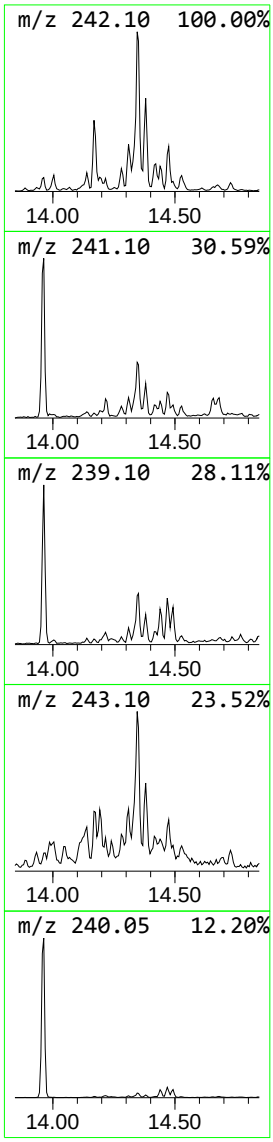
Peak Number 16 Chrysene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.345	2.48 ng	281594	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	97
2	2-Methylchrysene	242	C19H14	003351-32-4	96
3	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	95
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95
5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93





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Data File : BF134595.D
Acq On : 02 Aug 2023 23:20
Operator : CG\JU
Sample : 03598-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-53-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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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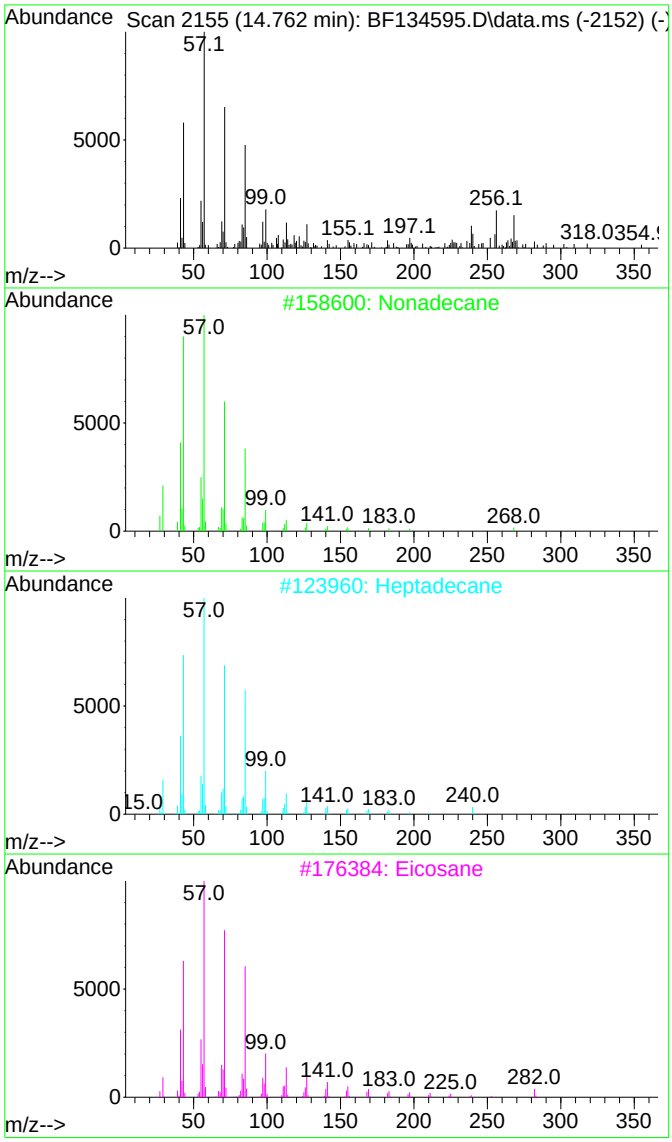
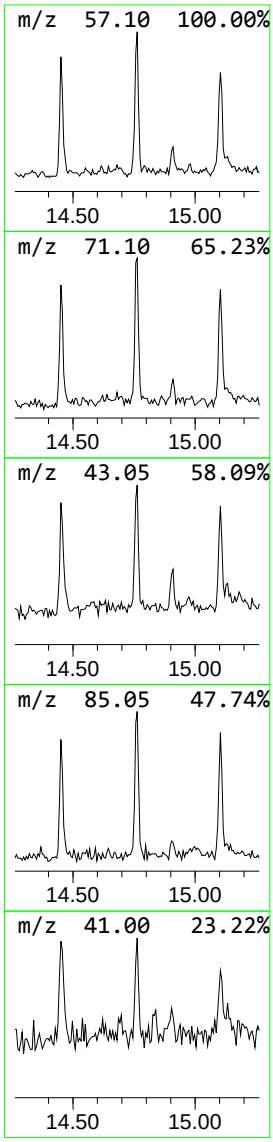
Peak Number 17 Nonadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.762	2.90 ng	99572	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	86
2	Heptadecane	240	C17H36	000629-78-7	64
3	Eicosane	282	C20H42	000112-95-8	64
4	Hexadecane	226	C16H34	000544-76-3	60
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	58





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Operator : CG\JU
Sample : 03598-09
Misc :
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Instrument :
BNA_F
ClientSampleId :
RB-53-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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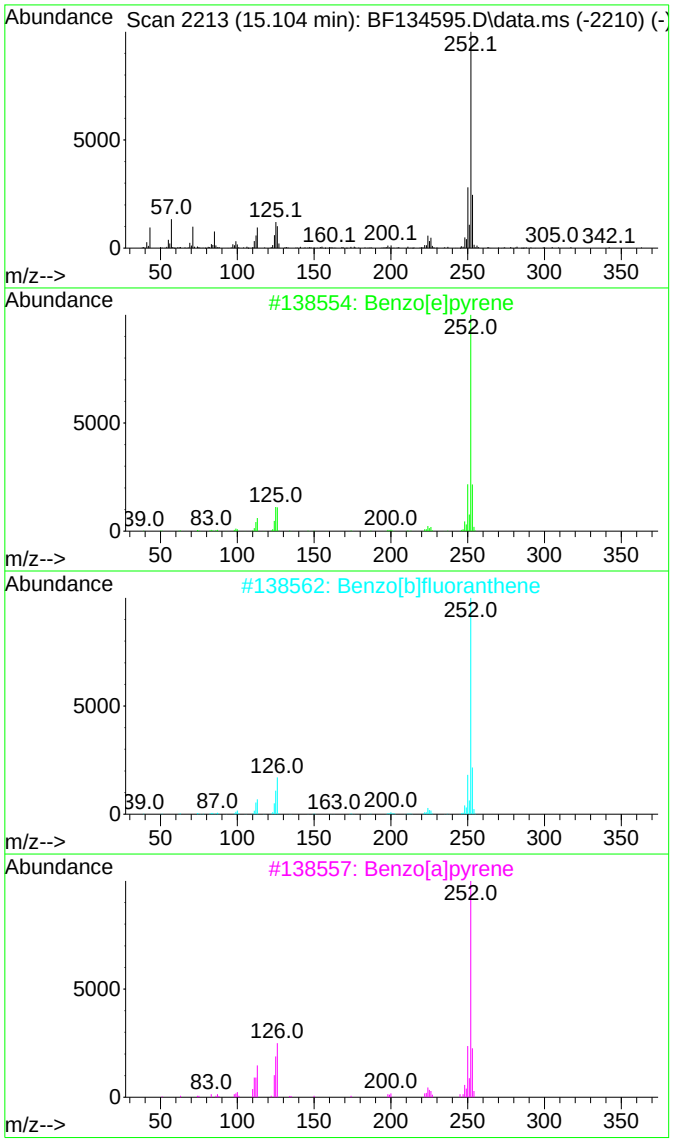
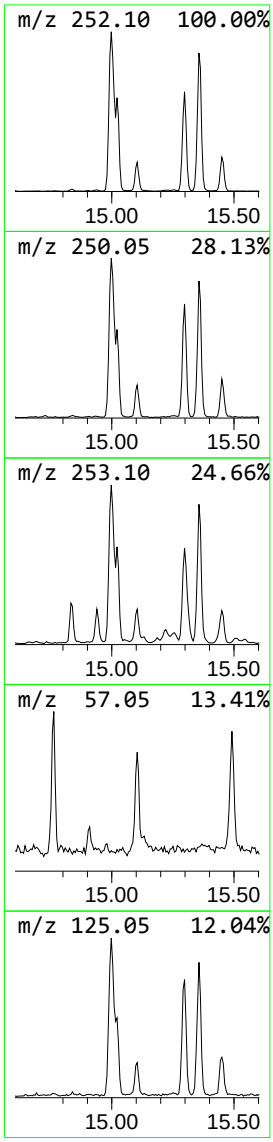
Peak Number 18 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.104	5.06 ng	173551	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	91
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





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Data File : BF134595.D
Acq On : 02 Aug 2023 23:20
Operator : CG\JU
Sample : 03598-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-53-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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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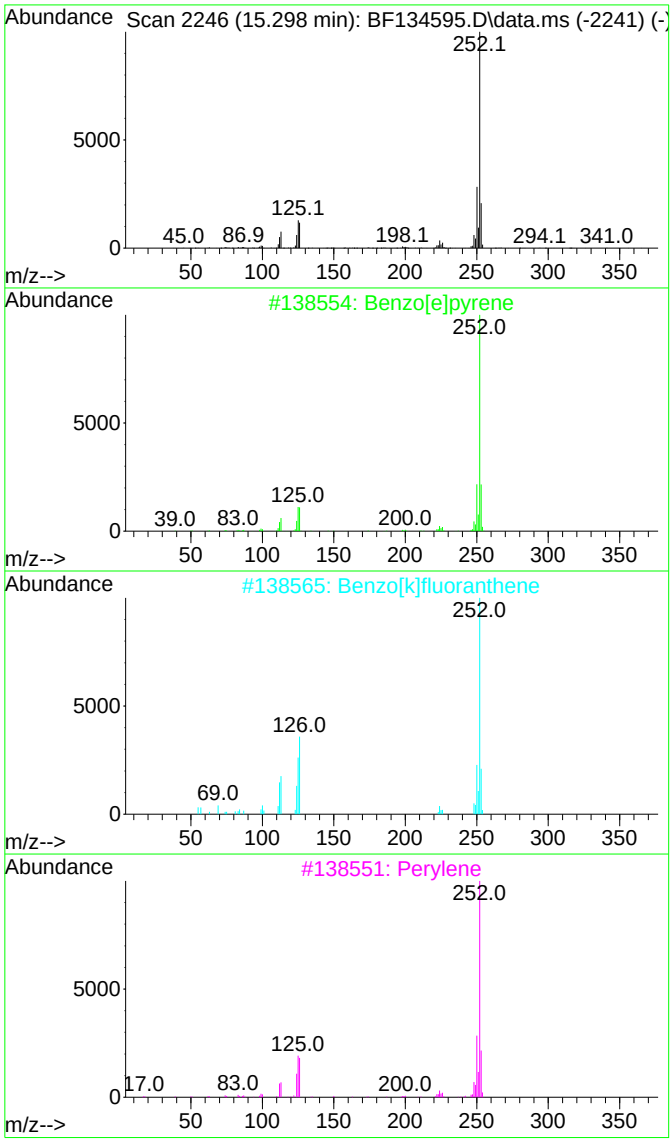
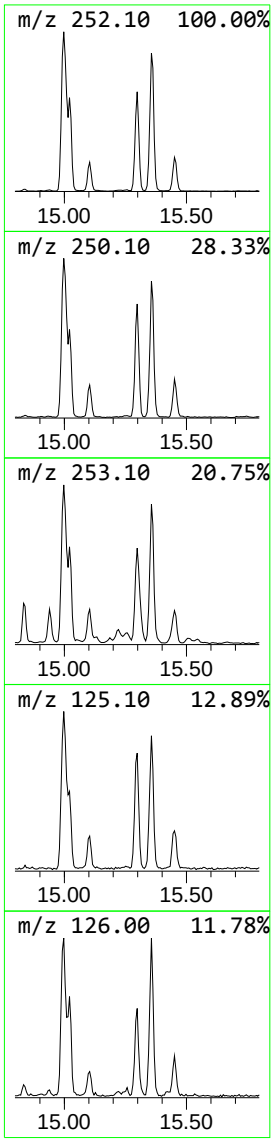
Peak Number 19 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.298	17.79 ng	610594	Perylene-d12	15.421

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





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Data File : BF134595.D
Acq On : 02 Aug 2023 23:20
Operator : CG\JU
Sample : 03598-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-53-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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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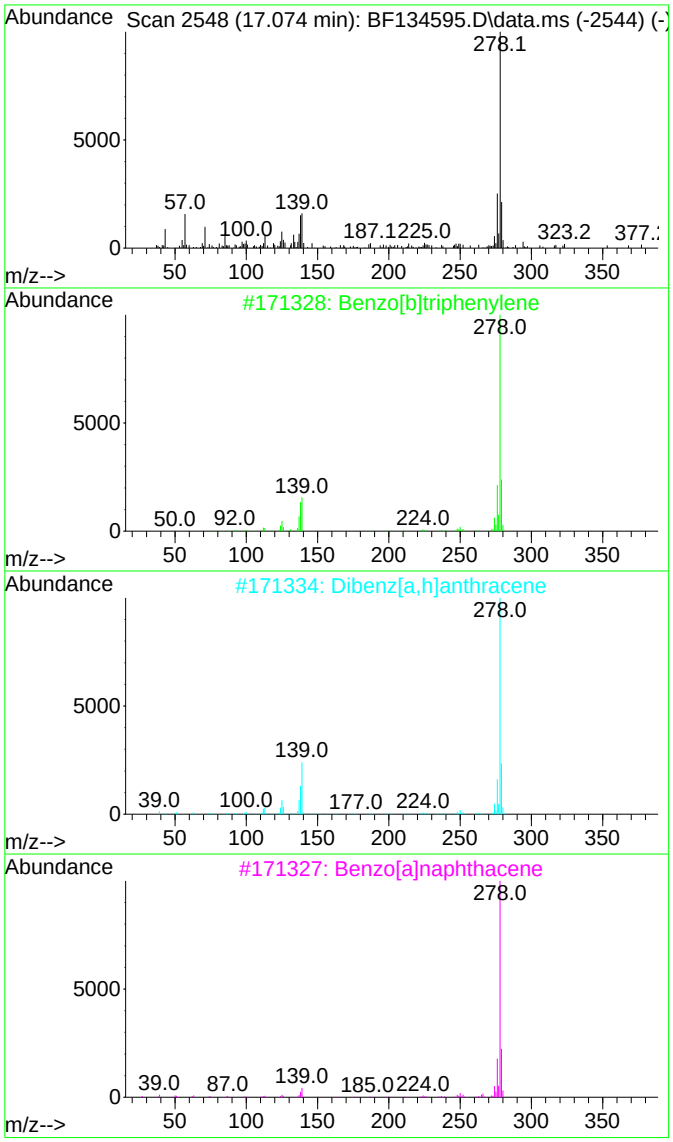
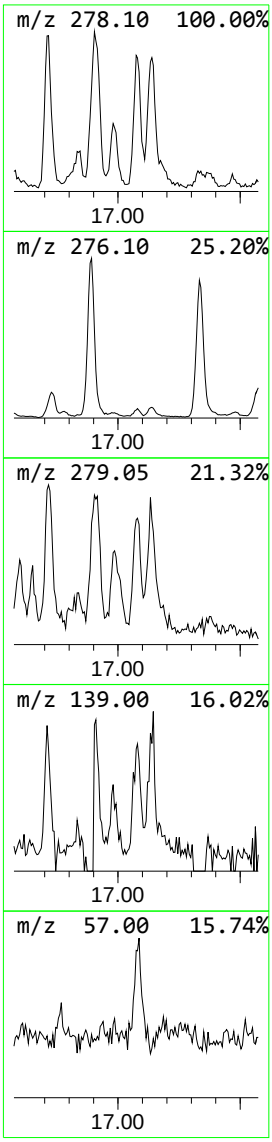
Peak Number 20 Benzo[b]triphenylene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.074	2.90 ng	99616	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	97
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	96
3	Benzo[a]naphthacene	278	C22H14	000226-88-0	91
4	Pentaphene	278	C22H14	000222-93-5	90
5	Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
Data File : BF134595.D
Acq On : 02 Aug 2023 23:20
Operator : CG\JU
Sample : 03598-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-53-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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
Heptane	2.393	2.7	ng	148004	1	6.792	1080770	20.0
9H-Fluoren-9-one	11.116	2.8	ng	155422	4	11.316	1104460	20.0
Anthracene, 1-m...	11.816	6.1	ng	335995	4	11.316	1104460	20.0
Phenanthrene, 2...	11.845	10.6	ng	586794	4	11.316	1104460	20.0
4H-Cyclopenta[d...	11.927	9.1	ng	502762	4	11.316	1104460	20.0
1H-Cyclopropa[l...	11.951	4.2	ng	232931	4	11.316	1104460	20.0
Naphthalene, 2-...	12.116	4.8	ng	266424	4	11.316	1104460	20.0
9,10-Anthracene...	12.133	6.9	ng	381657	4	11.316	1104460	20.0
Phenanthrene, 1...	12.368	5.5	ng	302704	4	11.316	1104460	20.0
Phenanthrene, 2...	12.404	2.6	ng	141229	4	11.316	1104460	20.0
Cyclopenta(def)...	12.451	4.3	ng	235124	4	11.316	1104460	20.0
11H-Benzo[b]flu...	12.980	3.2	ng	367290	5	13.963	2267050	20.0
Pyrene, 1-methyl-	13.086	2.6	ng	290195	5	13.963	2267050	20.0
Fluoranthene, 2...	13.192	3.1	ng	353555	5	13.963	2267050	20.0
Benzo[b]naphtho...	13.704	2.6	ng	300733	5	13.963	2267050	20.0
Chrysene, 1-met...	14.345	2.5	ng	281594	5	13.963	2267050	20.0
Nonadecane	14.762	2.9	ng	99572	6	15.421	686477	20.0
Benzo[e]pyrene	15.104	5.1	ng	173551	6	15.421	686477	20.0
Perylene	15.298	17.8	ng	610594	6	15.421	686477	20.0
Benzo[b]triphen...	17.074	2.9	ng	99616	6	15.421	686477	20.0