Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091622\
Data File : BN021794.D
Acq On : 16 Sep 2022 18:24
Operator : CG/JU
Sample : N4601-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5761

Quant Time: Sep 17 00:24:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 17 00:17:38 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	184889	20.000	ng/ul	0.00
20) Naphthalene-d8	10.881	136	817889	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	504443	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	944773	20.000	ng/ul	0.00
79) Chrysene-d12	21.651	240	607576	20.000	ng/ul	0.00
88) Perylene-d12	24.163	264	555542	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	18541	3.765	ng/uL	0.00
4) Pyridine-d5	3.799	84	59192	4.410	ng/ul	0.01
7) Phenol-d5	7.205	99	385181	22.970	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	239343	23.580	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	307758	25.226	ng/ul	0.00
15) 4-Methylphenol-d8	8.763	113	281260	21.377	ng/ul	0.00
21) Nitrobenzene-d5	9.228	128	167213	30.007	ng/ul	0.00
24) 2-Nitrophenol-d4	9.952	143	184324	37.034	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.499	165	305437	27.709	ng/ul	0.00
31) 4-Chloroaniline-d4	11.022	131	251500	13.435	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	954547	27.685	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	1115962	27.764	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	123942	18.065	ng/ul	0.00
60) Fluorene-d10	15.698	176	892322	29.743	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	126140	33.380	ng/ul	0.00
73) Anthracene-d10	17.557	188	1124396	27.006	ng/ul	0.00
81) Pyrene-d10	19.851	212	1104415	38.223	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.998	264	759978	28.861	ng/ul	0.00
Target Compounds						Qvalue
8) Phenol	7.228	94	24408	1.409	ng/ul	98
16) Acetophenone	8.887	105	40267	1.935	ng/ul	97
30) Naphthalene	10.928	128	127433	2.992	ng/ul	100
36) 2-Methylnaphthalene	12.540	142	130648	4.535	ng/ul	98
37) 1-Methylnaphthalene	12.757	142	122190	4.220	ng/ul	92
50) Acenaphthylene	14.428	152	123453	2.661	ng/ul#	97
52) Acenaphthene	14.769	153	41283	1.377	ng/ul	100
56) Dibenzofuran	15.104	168	104305	2.421	ng/ul	99
61) Fluorene	15.757	166	40315	1.187	ng/ul	95
72) Phenanthrene	17.498	178	902333	18.082	ng/ul	98
74) Anthracene	17.592	178	243035	4.891	ng/ul	98
77) Carbazole	17.863	167	124147	2.644	ng/ul#	93
80) Fluoranthene	19.522	202	1881308	53.980	ng/ul	99
82) Pyrene	19.881	202	1589887	43.769	ng/ul#	93
85) Benzo(a)anthracene	21.633	228	607368	16.603	ng/ul	96
87) Chrysene	21.686	228	757479	21.386	ng/ul	95
90) Benzo(b)fluoranthene	23.392	252	822406	24.333	ng/ul#	94
91) Benzo(k)fluoranthene	23.392	252	822406	27.201	ng/ul#	98
93) Benzo(a)pyrene	24.051	252	423844	13.107	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.804	276	323005	8.136	ng/ul	95
95) Dibenzo(a,h)anthracene	26.810	278	95909	2.863	ng/ul#	89
96) Benzo(g,h,i)perylene	27.615	276	159358	4.600	ng/ul#	95

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091622\
Data File : BN021794.D
Acq On : 16 Sep 2022 18:24
Operator : CG/JU
Sample : N4601-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5761

Quant Time: Sep 17 00:24:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 17 00:17:38 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

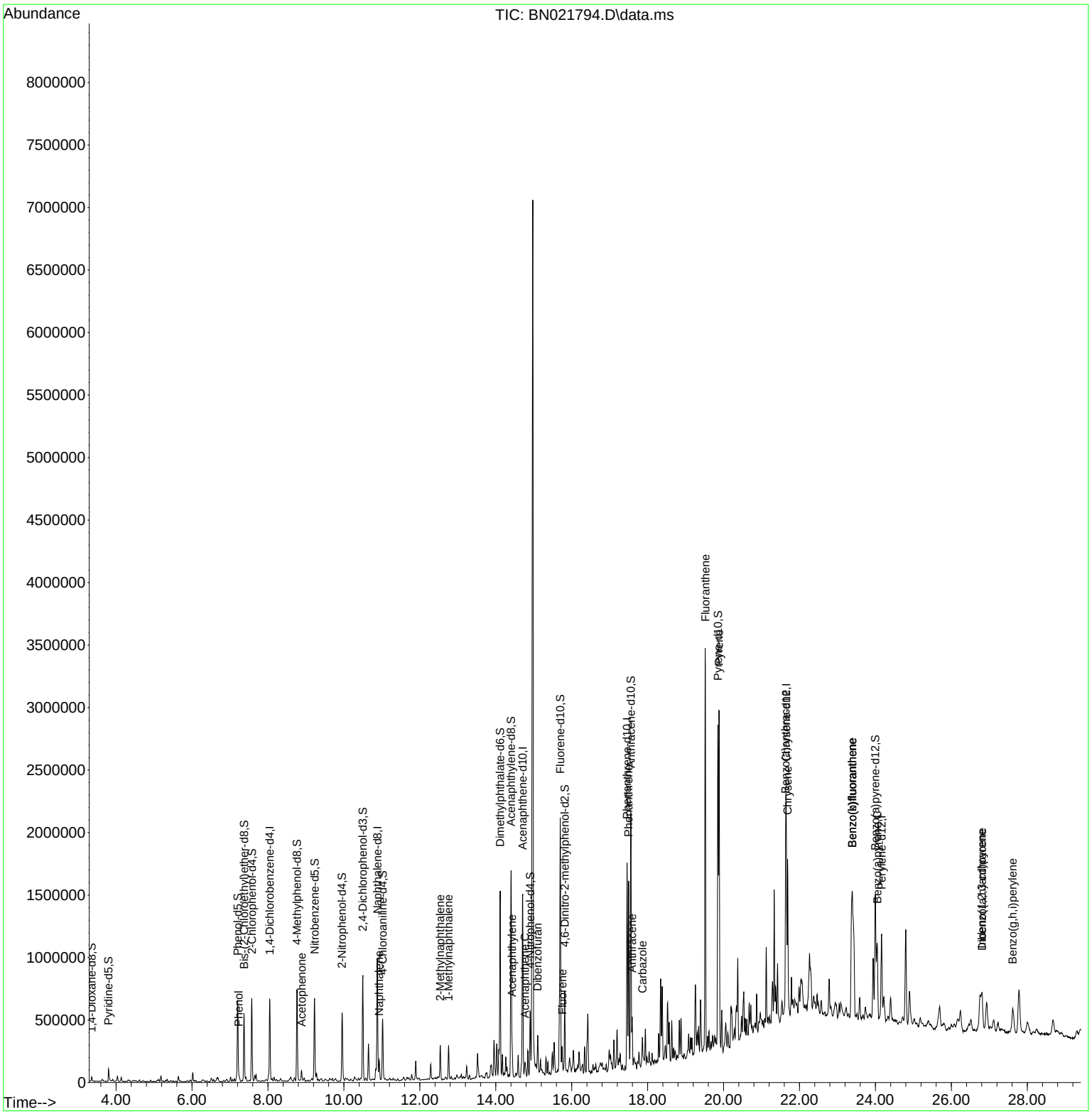
(#) = qualifier out of range (m) = manual integration (+) = signals summed

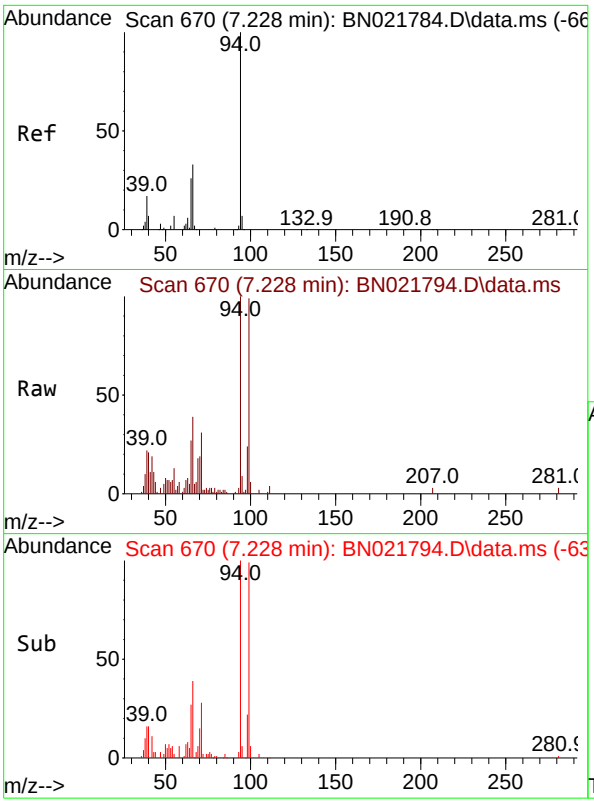
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091622\
Data File : BN021794.D
Acq On : 16 Sep 2022 18:24
Operator : CG/JU
Sample : N4601-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5761

Quant Time: Sep 17 00:24:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 17 00:17:38 2022
Response via : Initial Calibration



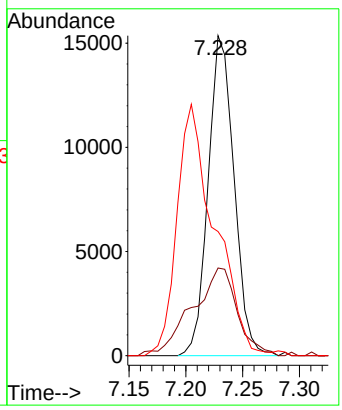


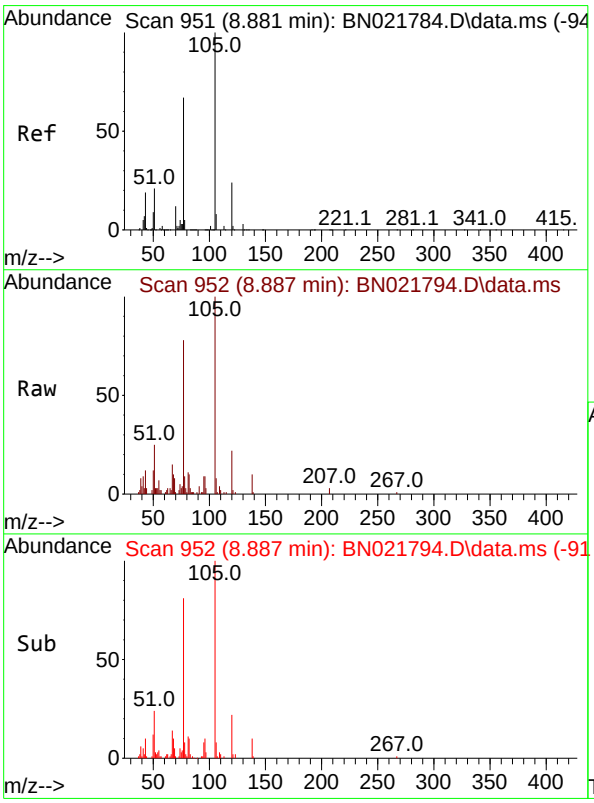
#8
Phenol
Concen: 1.409 ng/ul
RT: 7.228 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN021794.D
Acq: 16 Sep 2022 18:24

Instrument :
BNA_N
ClientSampleId :
A5761

Tgt Ion: 94 Resp: 24408

Ion	Ratio	Lower	Upper
94	100		
65	27.4	23.6	35.4
66	38.8	31.2	46.8

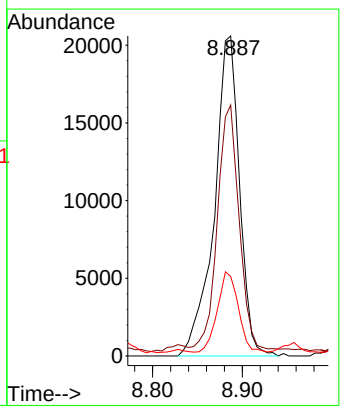


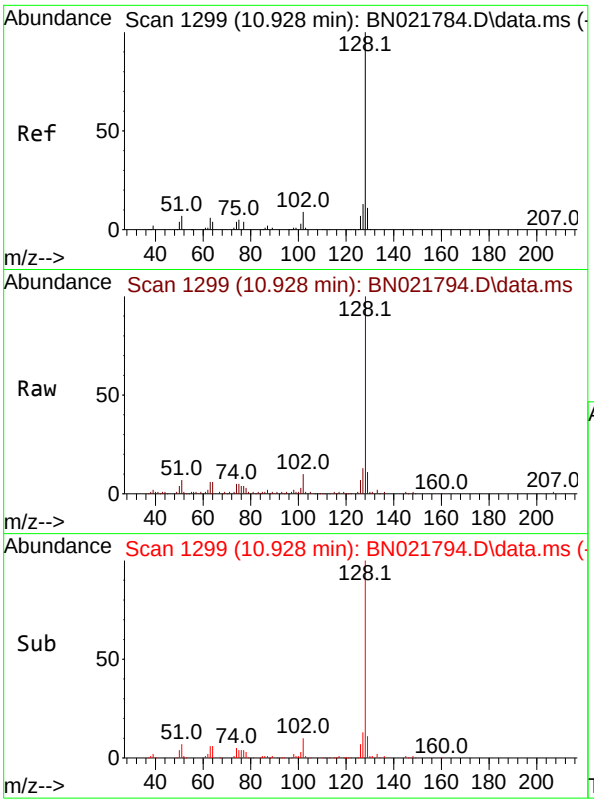


#16
Acetophenone
Concen: 1.935 ng/ul
RT: 8.887 min Scan# 952
Delta R.T. 0.006 min
Lab File: BN021794.D
Acq: 16 Sep 2022 18:24

Tgt Ion:105 Resp: 40267

Ion	Ratio	Lower	Upper
105	100		
77	78.4	63.5	95.3
51	24.8	23.5	35.3



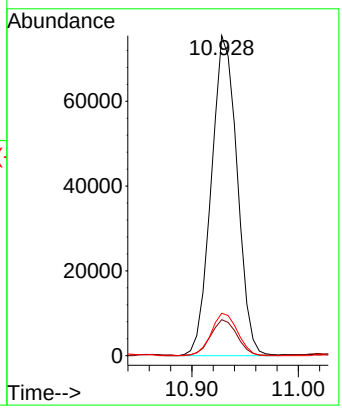


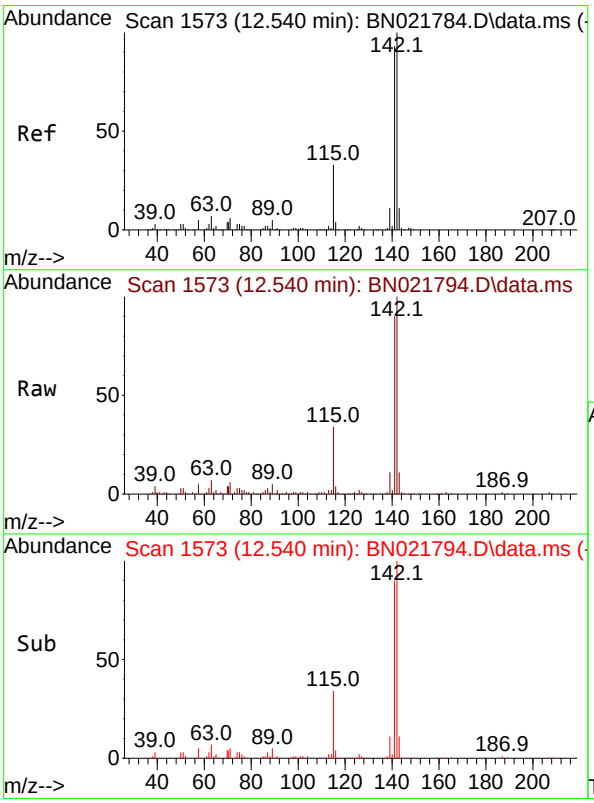
#30
Naphthalene
Concen: 2.992 ng/ul
RT: 10.928 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021794.D
Acq: 16 Sep 2022 18:24

Instrument :
BNA_N
ClientSampleId :
A5761

Tgt Ion:128 Resp: 127433

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	13.2	10.6	16.0

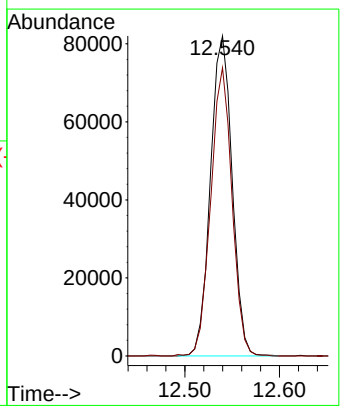


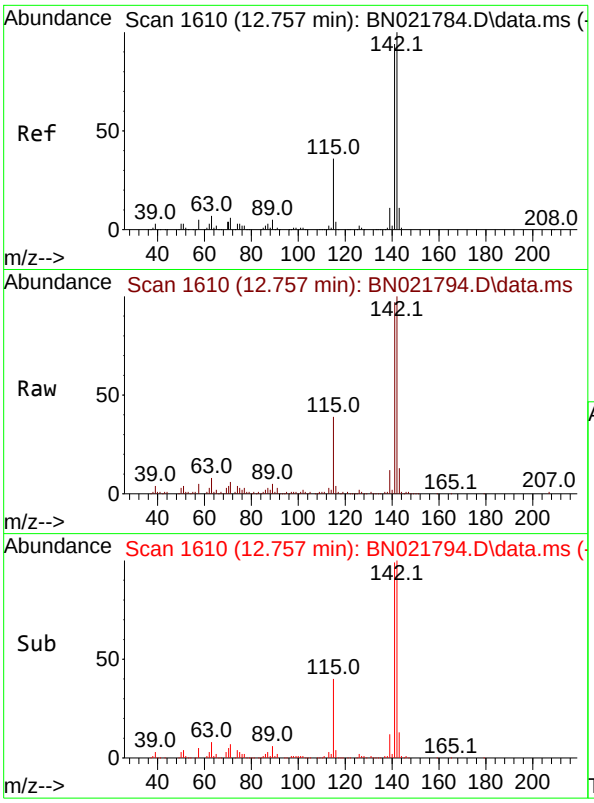


#36
2-Methylnaphthalene
Concen: 4.535 ng/ul
RT: 12.540 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BN021794.D
Acq: 16 Sep 2022 18:24

Tgt Ion:142 Resp: 130648

Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.6	105.8



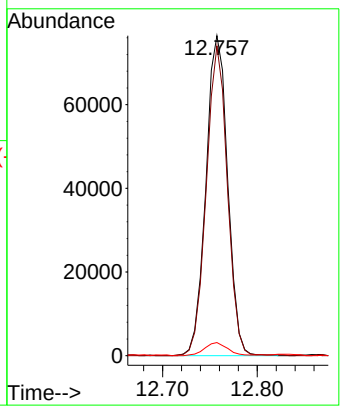


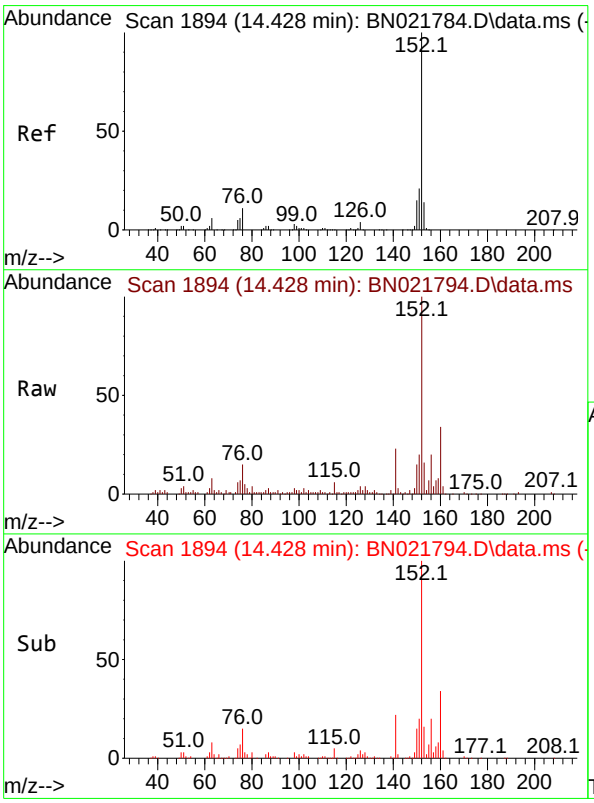
#37
1-Methylnaphthalene
Concen: 4.220 ng/ul
RT: 12.757 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021794.D
Acq: 16 Sep 2022 18:24

Instrument :
BNA_N
ClientSampleId :
A5761

Tgt Ion:142 Resp: 122190

Ion	Ratio	Lower	Upper
142	100		
141	96.8	70.9	106.3
116	4.1	3.1	4.7

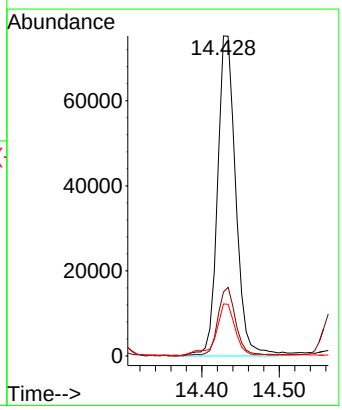


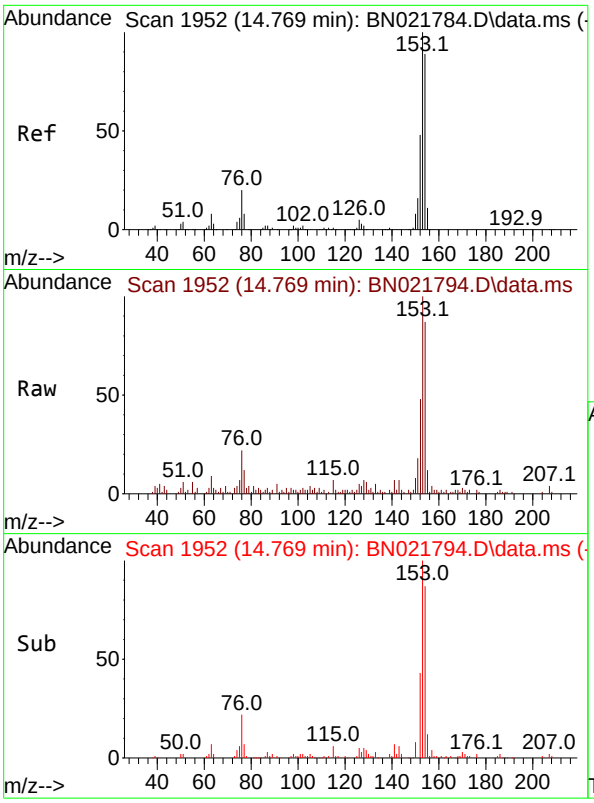


#50
Acenaphthylene
Concen: 2.661 ng/ul
RT: 14.428 min Scan# 1894
Delta R.T. 0.000 min
Lab File: BN021794.D
Acq: 16 Sep 2022 18:24

Tgt Ion:152 Resp: 123453

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.0	24.0
153	16.3	10.7	16.1#



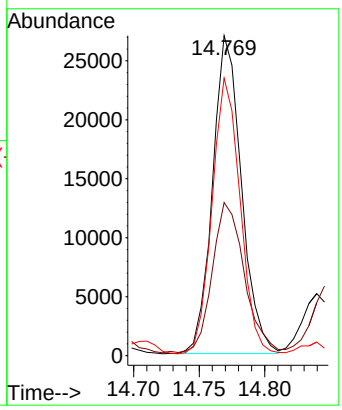


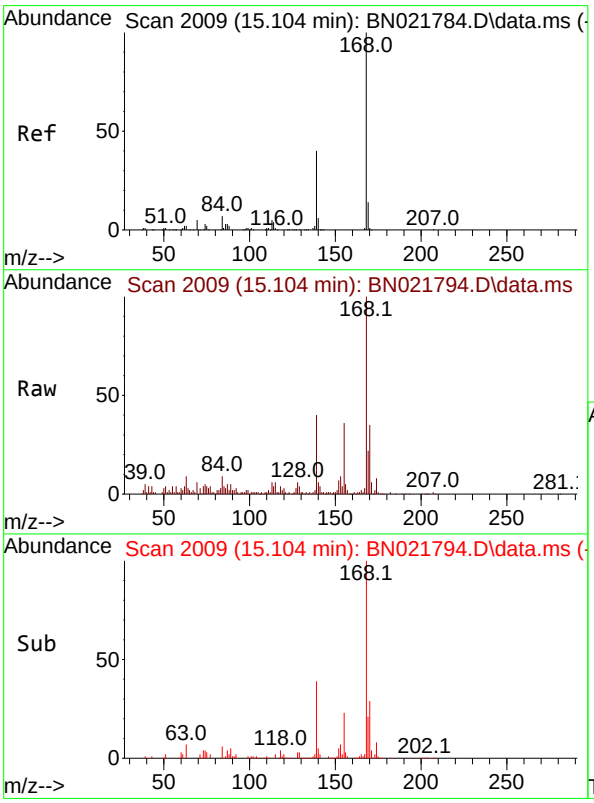
#52
Acenaphthene
Concen: 1.377 ng/ul
RT: 14.769 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021794.D
Acq: 16 Sep 2022 18:24

Instrument :
BNA_N
ClientSampleId :
A5761

Tgt Ion:153 Resp: 41283

Ion	Ratio	Lower	Upper
153	100		
152	47.9	38.4	57.6
154	86.8	69.7	104.5

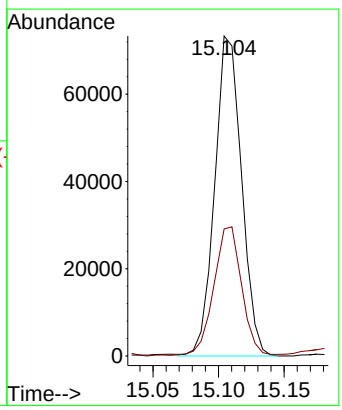


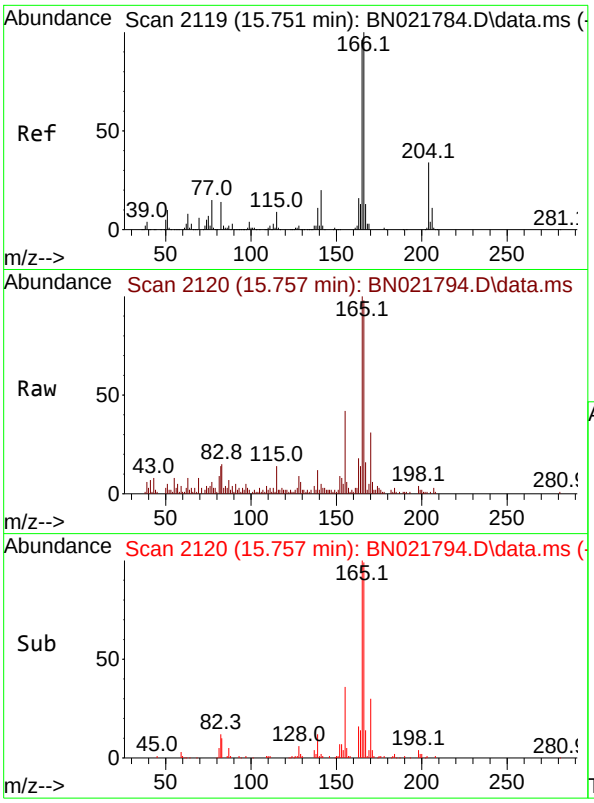


#56
Dibenzofuran
Concen: 2.421 ng/ul
RT: 15.104 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BN021794.D
Acq: 16 Sep 2022 18:24

Tgt Ion:168 Resp: 104305

Ion	Ratio	Lower	Upper
168	100		
139	39.7	31.1	46.7



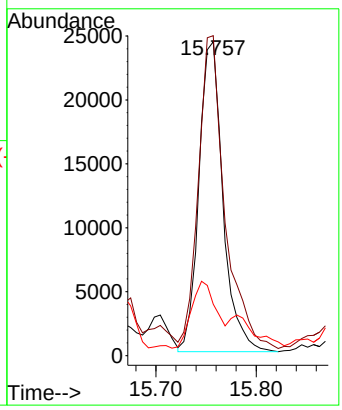


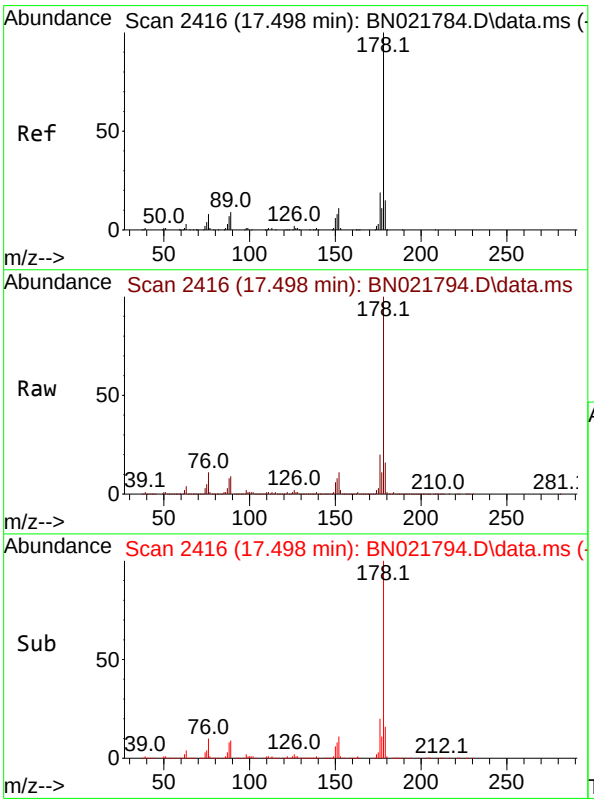
#61
Fluorene
Concen: 1.187 ng/ul
RT: 15.757 min Scan# 21
Delta R.T. 0.006 min
Lab File: BN021794.D
Acq: 16 Sep 2022 18:24

Instrument :
BNA_N
ClientSampleId :
A5761

Tgt Ion:166 Resp: 40315

Ion	Ratio	Lower	Upper
166	100		
165	101.9	77.7	116.5
167	16.4	11.1	16.7

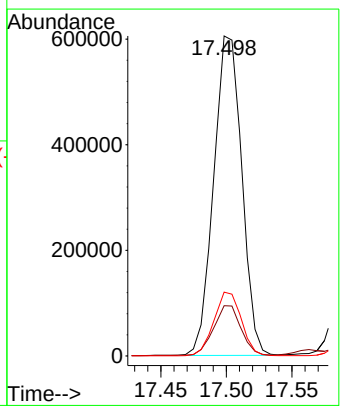


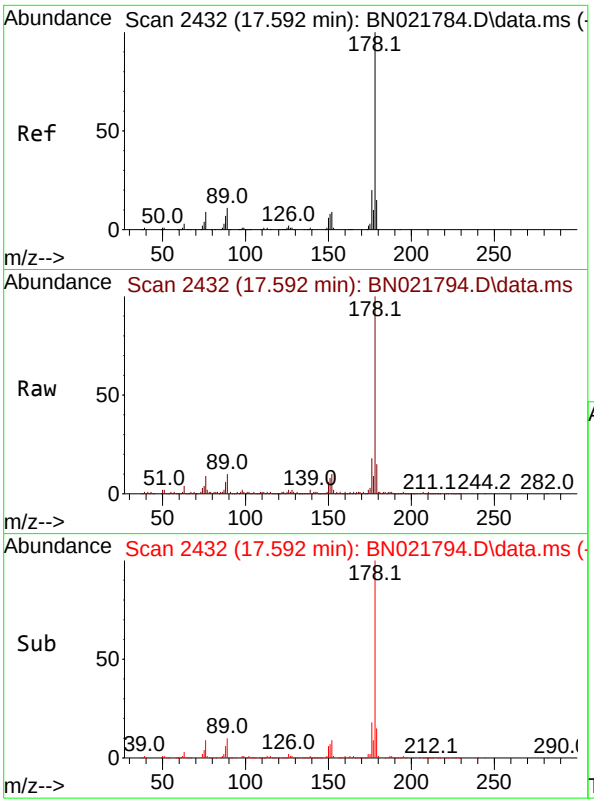


#72
Phenanthrene
Concen: 18.082 ng/ul
RT: 17.498 min Scan# 2416
Delta R.T. 0.000 min
Lab File: BN021794.D
Acq: 16 Sep 2022 18:24

Tgt Ion:178 Resp: 902333

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.2	18.4
176	20.0	15.2	22.8



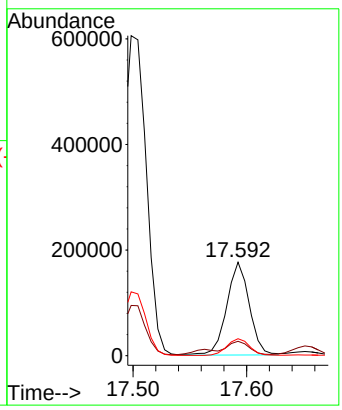


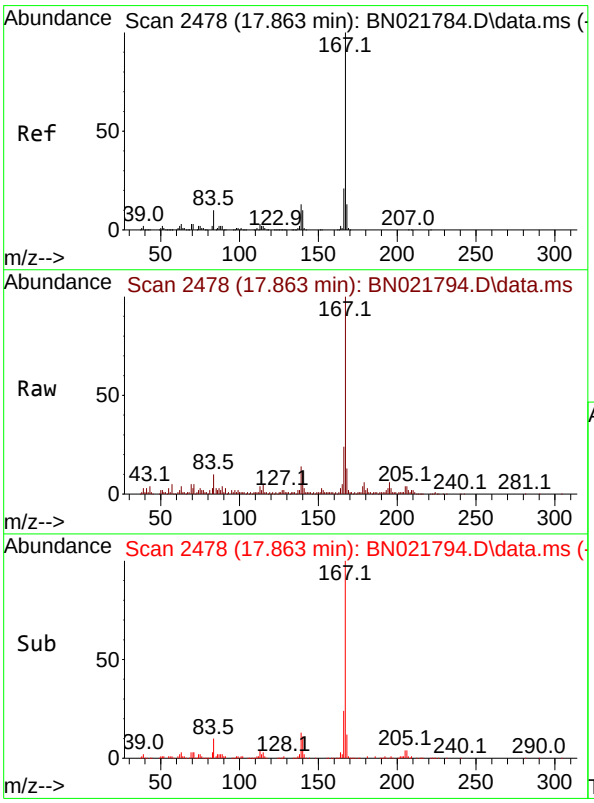
#74
Anthracene
Concen: 4.891 ng/ul
RT: 17.592 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN021794.D
Acq: 16 Sep 2022 18:24

Instrument :
BNA_N
ClientSampleId :
A5761

Tgt Ion:178 Resp: 243035

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.0	19.4
176	18.2	15.5	23.3

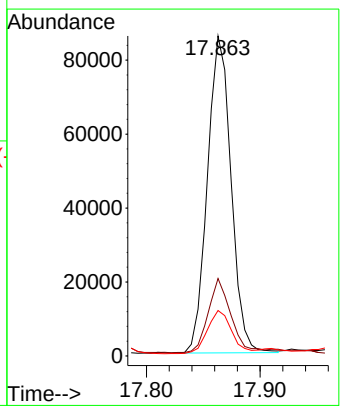


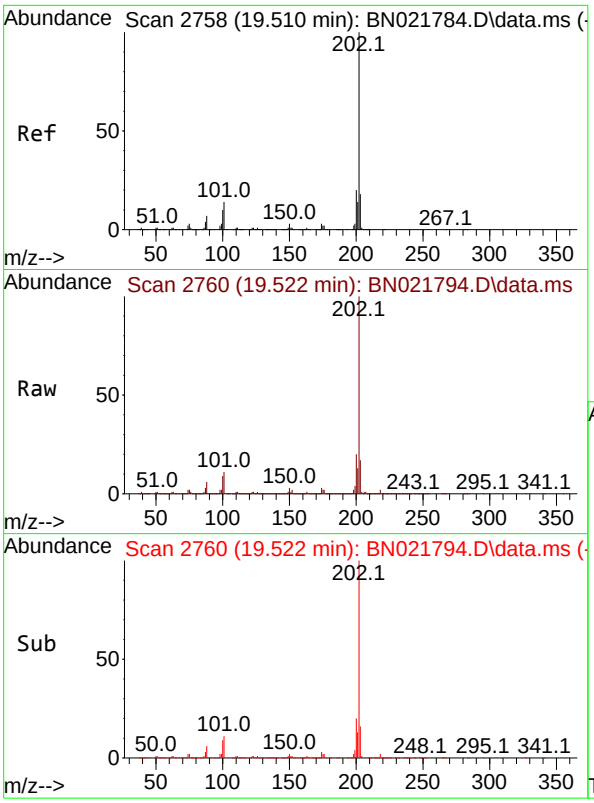


#77
Carbazole
Concen: 2.644 ng/ul
RT: 17.863 min Scan# 2478
Delta R.T. 0.000 min
Lab File: BN021794.D
Acq: 16 Sep 2022 18:24

Tgt Ion:167 Resp: 124147

Ion	Ratio	Lower	Upper
167	100		
166	24.2	16.1	24.1#
139	14.2	10.2	15.2



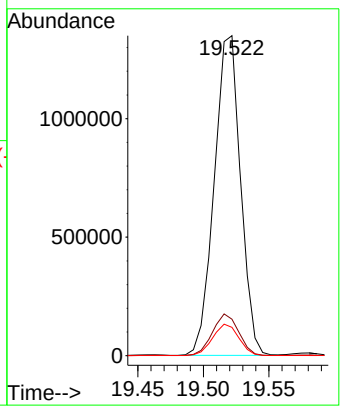


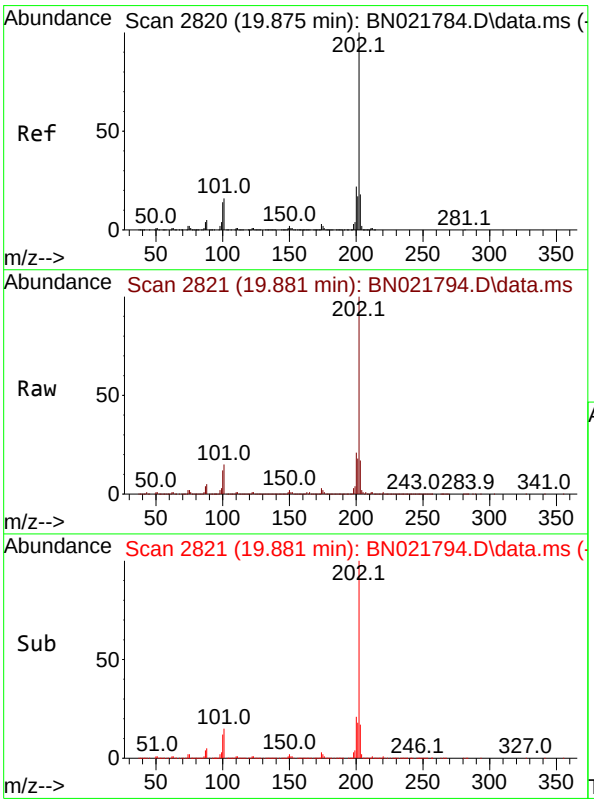
#80
Fluoranthene
Concen: 53.980 ng/ul
RT: 19.522 min Scan# 2
Delta R.T. 0.012 min
Lab File: BN021794.D
Acq: 16 Sep 2022 18:24

Instrument :
BNA_N
ClientSampleId :
A5761

Tgt Ion:202 Resp: 1881308

Ion	Ratio	Lower	Upper
202	100		
101	11.4	8.9	13.3
100	8.8	6.7	10.1

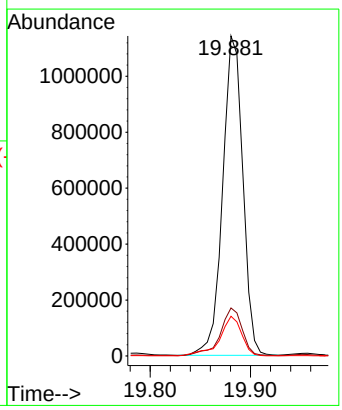


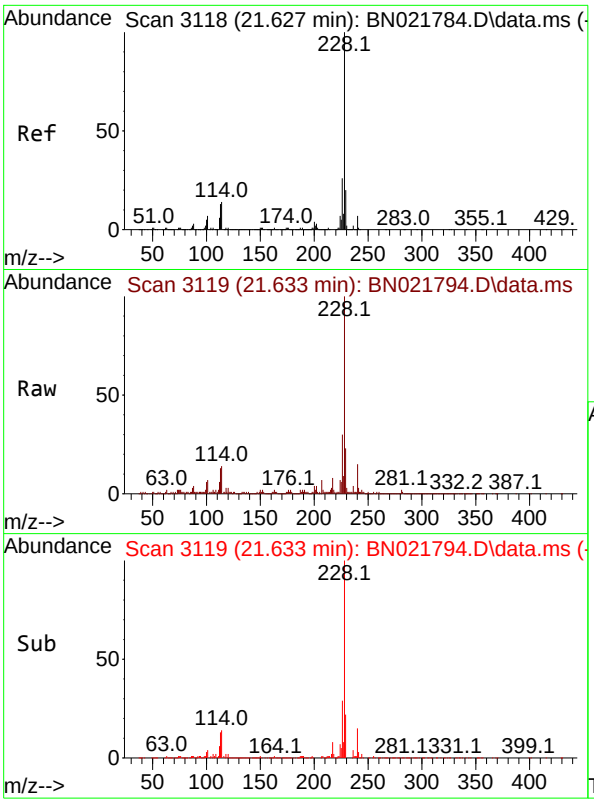


#82
Pyrene
Concen: 43.769 ng/ul
RT: 19.881 min Scan# 2821
Delta R.T. 0.006 min
Lab File: BN021794.D
Acq: 16 Sep 2022 18:24

Tgt Ion:202 Resp: 1589887

Ion	Ratio	Lower	Upper
202	100		
101	15.0	9.7	14.5#
100	12.4	8.0	12.0#



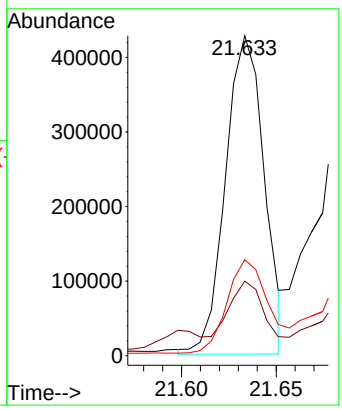


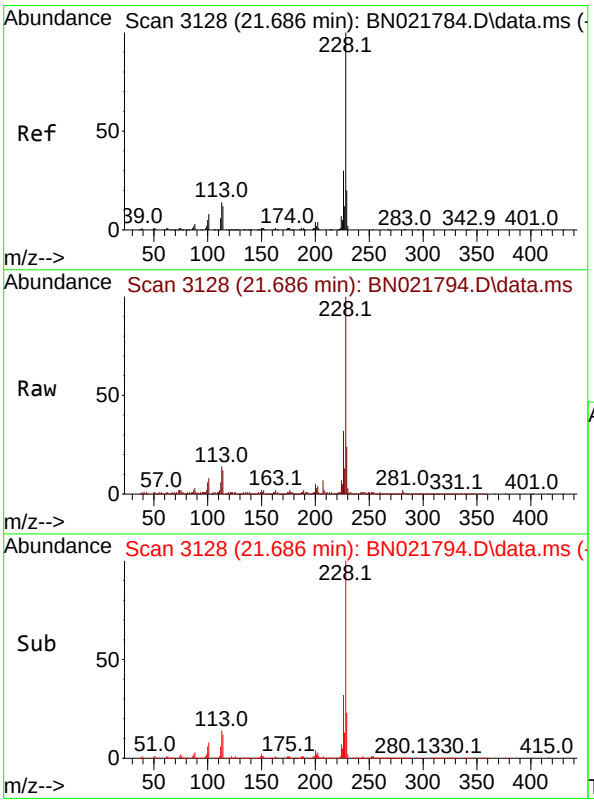
#85
Benzo(a)anthracene
Concen: 16.603 ng/ul
RT: 21.633 min Scan# 3
Delta R.T. 0.006 min
Lab File: BN021794.D
Acq: 16 Sep 2022 18:24

Instrument :
BNA_N
ClientSampleId :
A5761

Tgt Ion:228 Resp: 607368

Ion	Ratio	Lower	Upper
228	100		
229	23.3	16.3	24.5
226	30.0	23.2	34.8

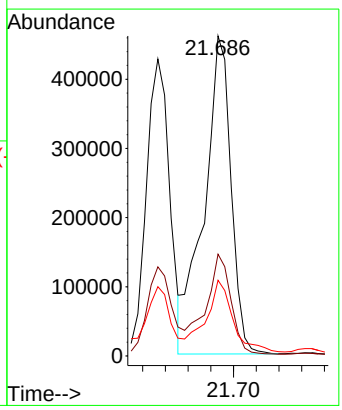


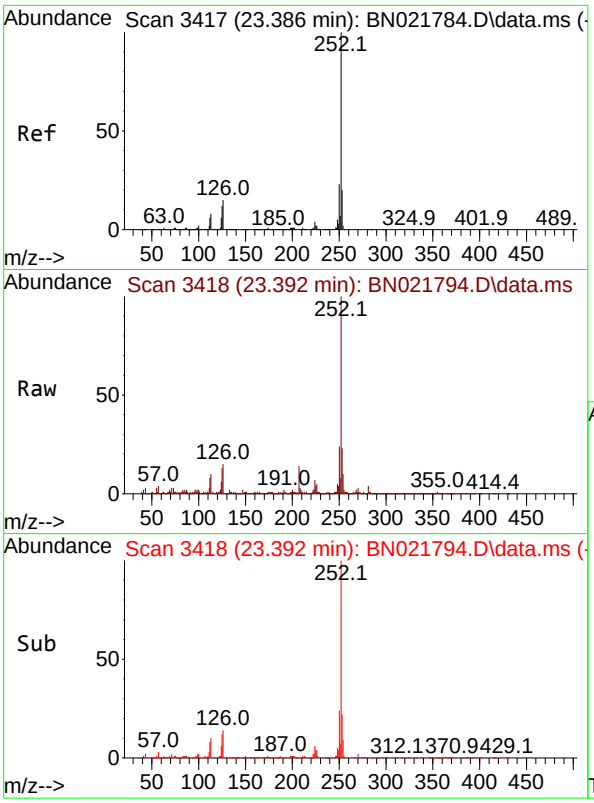


#87
Chrysene
Concen: 21.386 ng/ul
RT: 21.686 min Scan# 3128
Delta R.T. 0.000 min
Lab File: BN021794.D
Acq: 16 Sep 2022 18:24

Tgt Ion:228 Resp: 757479

Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.2	36.2
229	23.7	16.2	24.2



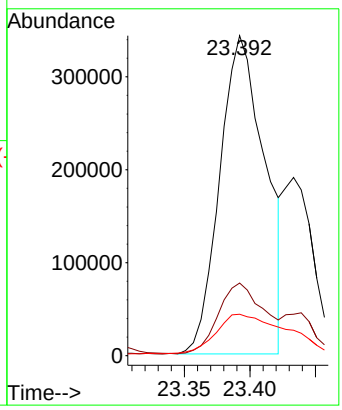


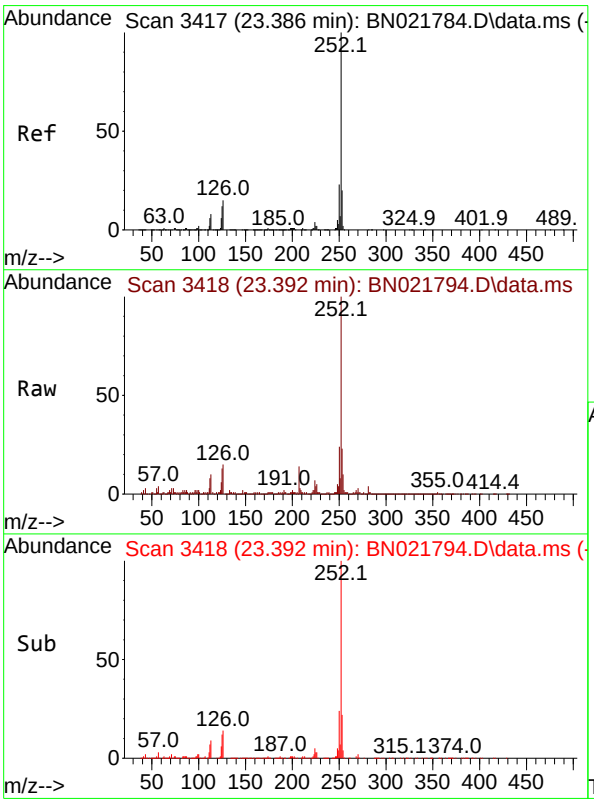
#90
Benzo(b)fluoranthene
Concen: 24.333 ng/ul
RT: 23.392 min Scan# 34
Delta R.T. 0.006 min
Lab File: BN021794.D
Acq: 16 Sep 2022 18:24

Instrument :
BNA_N
ClientSampleId :
A5761

Tgt Ion:252 Resp: 822406

Ion	Ratio	Lower	Upper
252	100		
253	22.7	16.5	24.7
125	12.9	7.8	11.8#

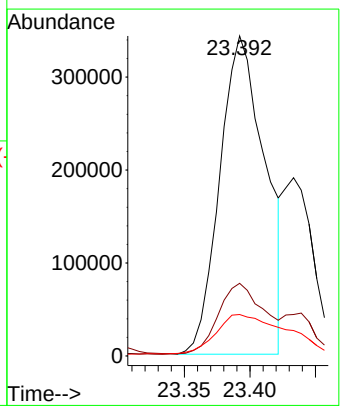


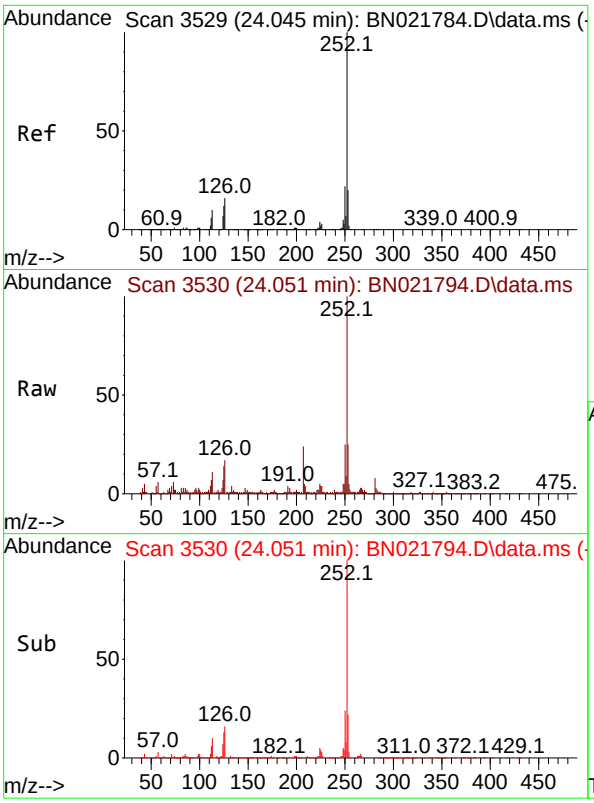


#91
Benzo(k)fluoranthene
Concen: 27.201 ng/ul
RT: 23.392 min Scan# 3418
Delta R.T. -0.041 min
Lab File: BN021794.D
Acq: 16 Sep 2022 18:24

Tgt Ion:252 Resp: 822406

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	12.9	8.2	12.4#



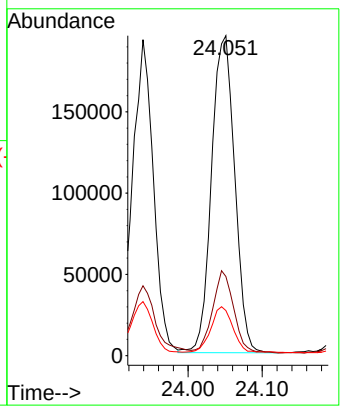


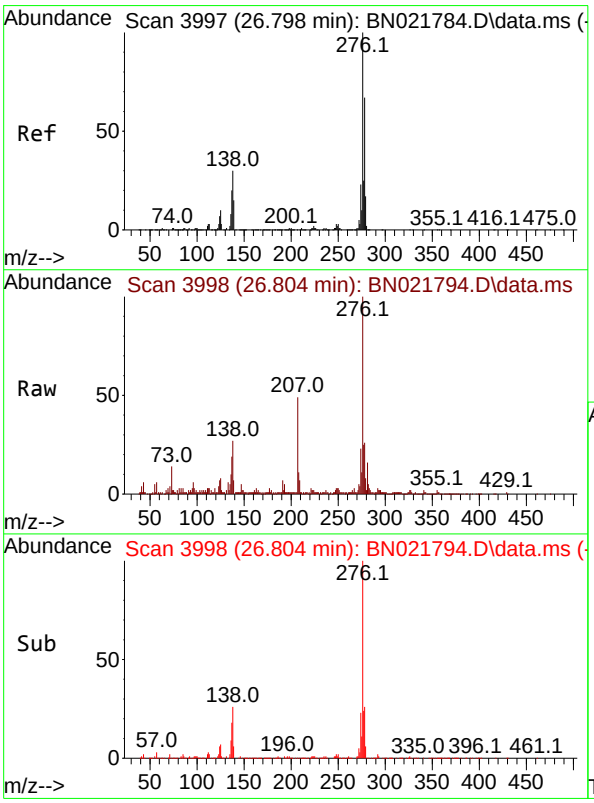
#93
Benzo(a)pyrene
Concen: 13.107 ng/ul
RT: 24.051 min Scan# 3
Delta R.T. 0.006 min
Lab File: BN021794.D
Acq: 16 Sep 2022 18:24

Instrument :
BNA_N
ClientSampleId :
A5761

Tgt Ion:252 Resp: 423844

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.7	28.1
125	14.1	9.2	13.8#

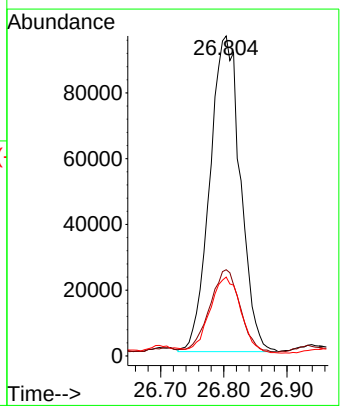


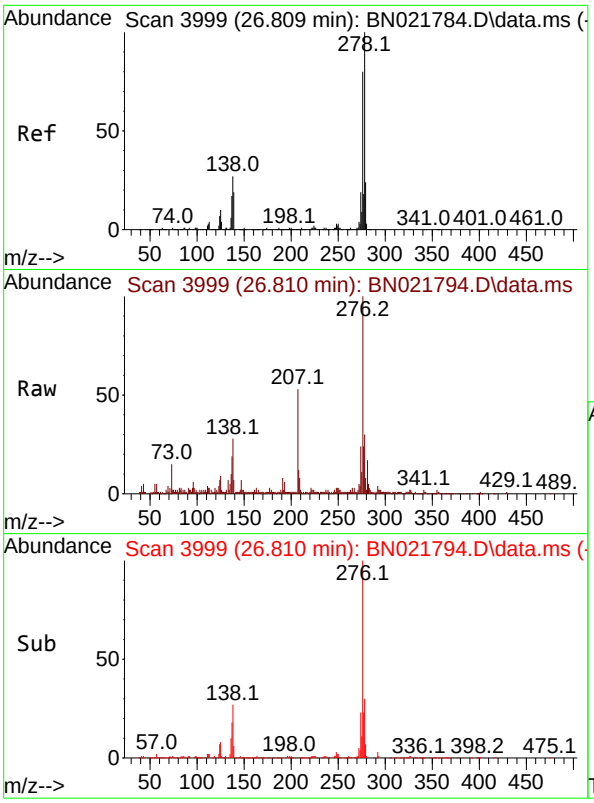


#94
Indeno(1,2,3-cd)pyrene
Concen: 8.136 ng/ul
RT: 26.804 min Scan# 3998
Delta R.T. 0.006 min
Lab File: BN021794.D
Acq: 16 Sep 2022 18:24

Tgt Ion:276 Resp: 323005

Ion	Ratio	Lower	Upper
276	100		
138	26.9	19.5	29.3
277	24.7	21.4	32.0



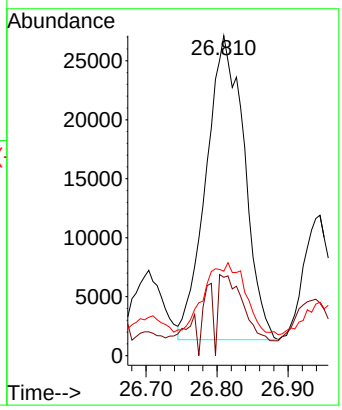


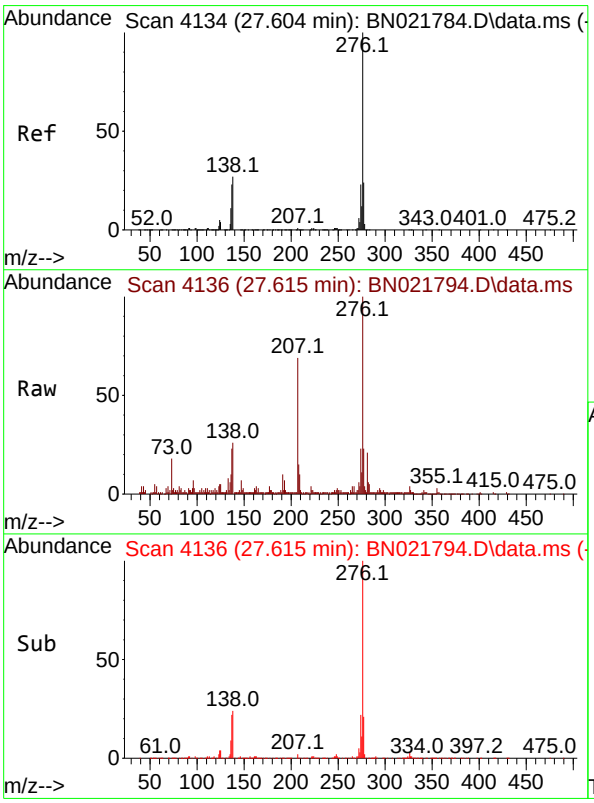
#95
Dibenzo(a,h)anthracene
Concen: 2.863 ng/ul
RT: 26.810 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN021794.D
Acq: 16 Sep 2022 18:24

Instrument :
BNA_N
ClientSampleId :
A5761

Tgt Ion:278 Resp: 95909

Ion	Ratio	Lower	Upper
278	100		
139	24.5	13.8	20.8#
279	26.4	18.3	27.5





#96
Benzo(g,h,i)perylene
Concen: 4.600 ng/ul
RT: 27.615 min Scan# 4136
Delta R.T. 0.000 min
Lab File: BN021794.D
Acq: 16 Sep 2022 18:24

Tgt Ion:276 Resp: 159358

Ion	Ratio	Lower	Upper
276	100		
138	25.6	17.0	25.6#
277	22.5	17.8	26.6