Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080422\
Data File : BN021020.D
Acq On : 05 Aug 2022 10:56
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 06 00:27:38 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 03 16:31:11 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	2957	0.400	ng/ul	0.00
4) Naphthalene-d8	10.602	136	9357	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.452	164	5169	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.209	188	9911	0.400	ng/ul	0.00
17) Chrysene-d12	21.412	240	8397	0.400	ng/ul	0.00
23) Perylene-d12	23.756	264	7124	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	1400	0.370	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.202	152	5515	0.402	ng/ul	0.00
18) Fluoranthene-d10	19.244	212	10599	0.409	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.244	88	1443	0.370	ng/ul	96
5) Naphthalene	10.651	128	9957	0.346	ng/ul	98
7) 2-Methylnaphthalene	12.273	142	6064	0.348	ng/ul	100
8) 1-Methylnaphthalene	12.493	142	6704	0.384	ng/ul	100
10) Acenaphthylene	14.174	152	8500	0.352	ng/ul	99
11) Acenaphthene	14.517	153	6863	0.343	ng/ul	99
12) Fluorene	15.511	166	7490	0.343	ng/ul	98
14) Pentachlorophenol	16.876	266	542	0.355	ng/ul	100
15) Phenanthrene	17.247	178	11892	0.335	ng/ul	100
16) Anthracene	17.345	178	9827	0.358	ng/ul	100
19) Fluoranthene	19.277	202	12839	0.345	ng/ul	99
20) Pyrene	19.640	202	13207	0.344	ng/ul	99
21) Benzo(a)anthracene	21.398	228	9577	0.350	ng/ul	99
22) Chrysene	21.450	228	11847	0.328	ng/ul	99
24) Benzo(b)fluoranthene	23.043	252	10662	0.323	ng/ul	99
25) Benzo(k)fluoranthene	23.090	252	11320	0.325	ng/ul	98
26) Benzo(a)pyrene	23.648	252	9987	0.332	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.172	276	10960	0.305	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.195	278	8733	0.308	ng/ul	98
29) Benzo(g,h,i)perylene	26.910	276	9643	0.301	ng/ul	99

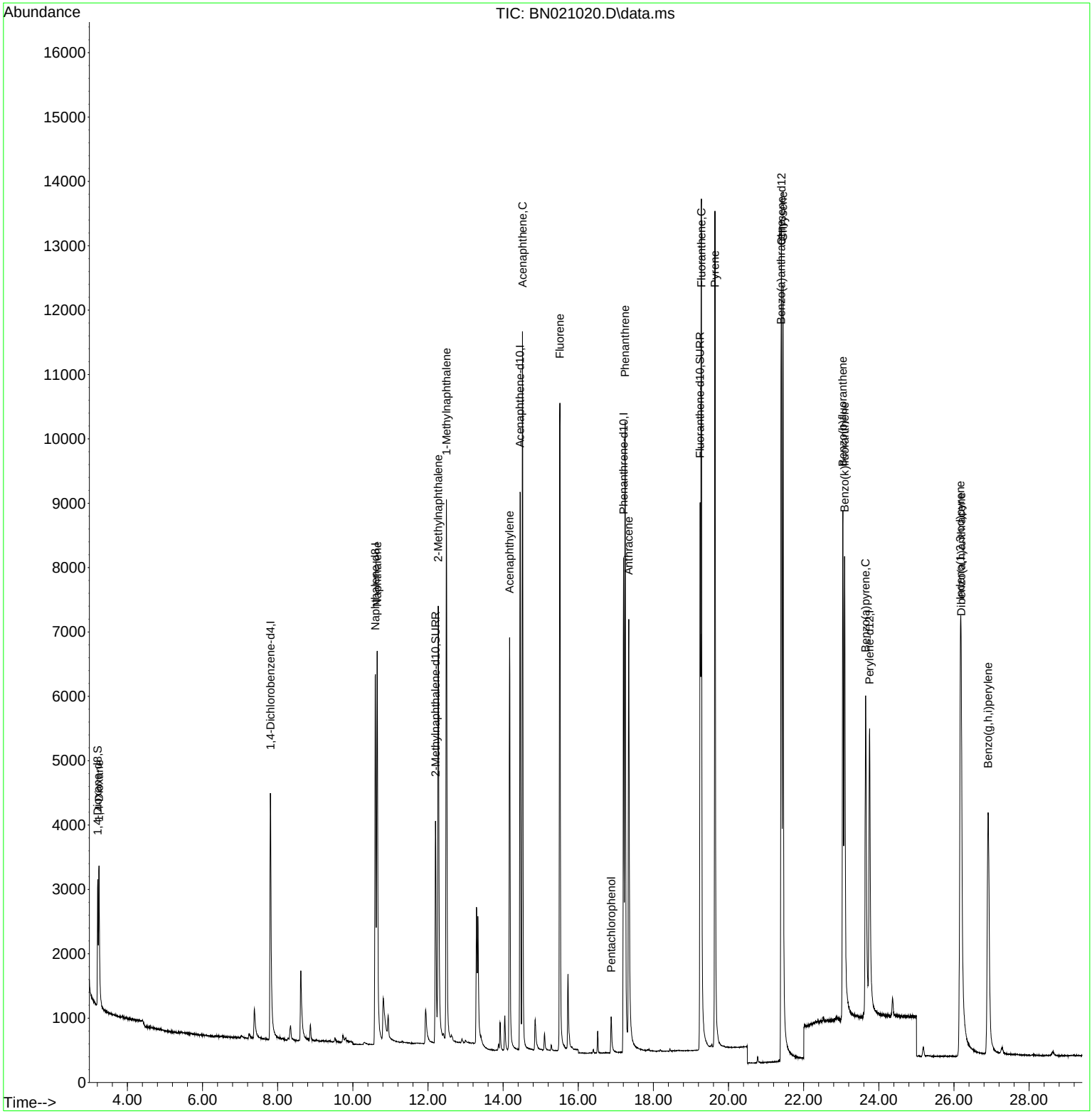
(#) = qualifier out of range (m) = manual integration (+) = signals summed

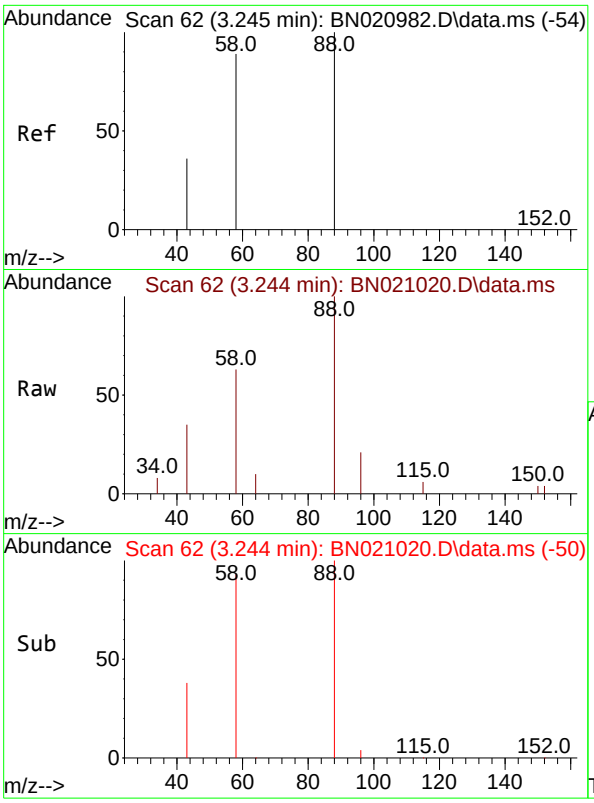
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080422\
Data File : BN021020.D
Acq On : 05 Aug 2022 10:56
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 06 00:27:38 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 03 16:31:11 2022
Response via : Initial Calibration



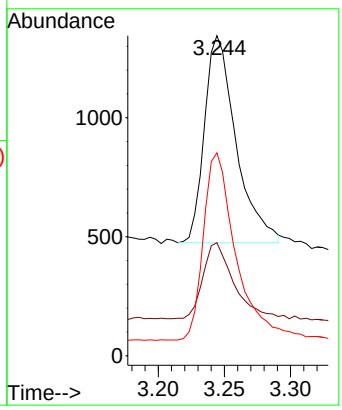


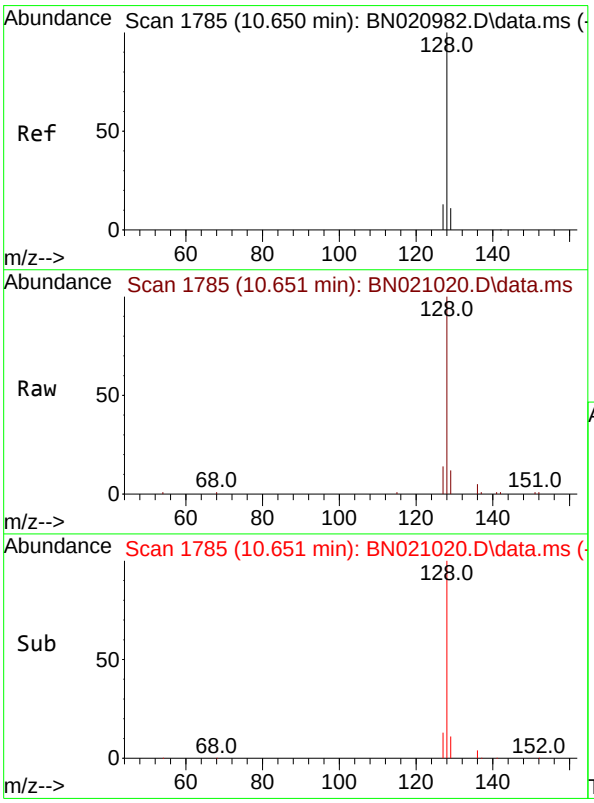
#2
1,4-Dioxane
Concen: 0.370 ng/ul
RT: 3.244 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN021020.D
Acq: 05 Aug 2022 10:56

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 88 Resp: 1443

Ion	Ratio	Lower	Upper
88	100		
43	35.3	31.4	47.0
58	63.4	49.0	73.6

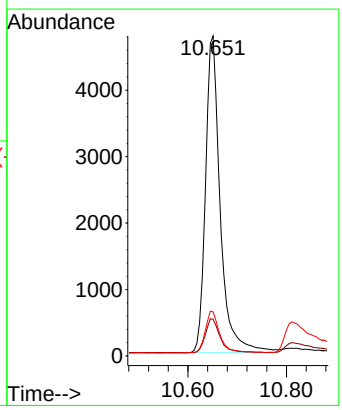


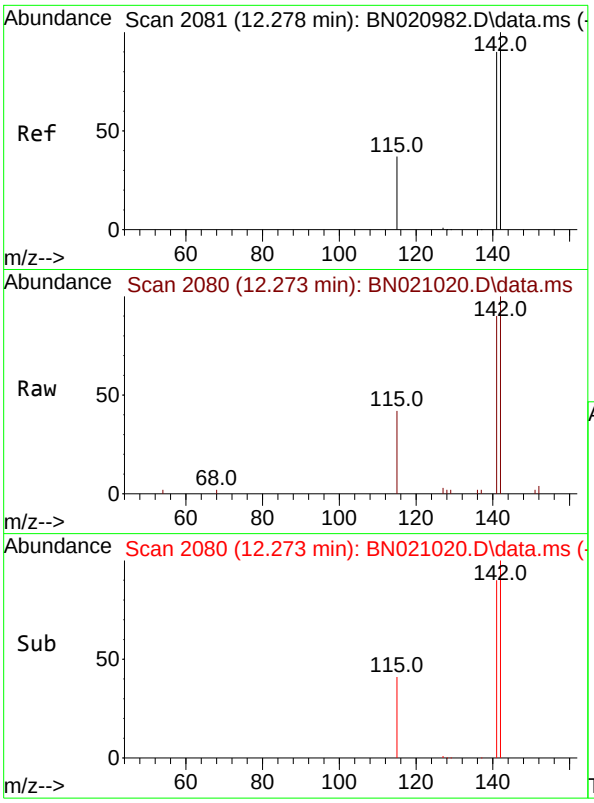


#5
Naphthalene
Concen: 0.346 ng/ul
RT: 10.651 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BN021020.D
Acq: 05 Aug 2022 10:56

Tgt Ion:128 Resp: 9957

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.8	14.6
127	13.8	11.6	17.4



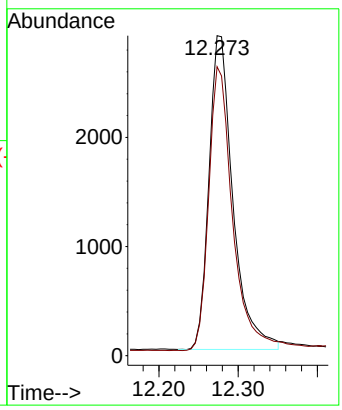


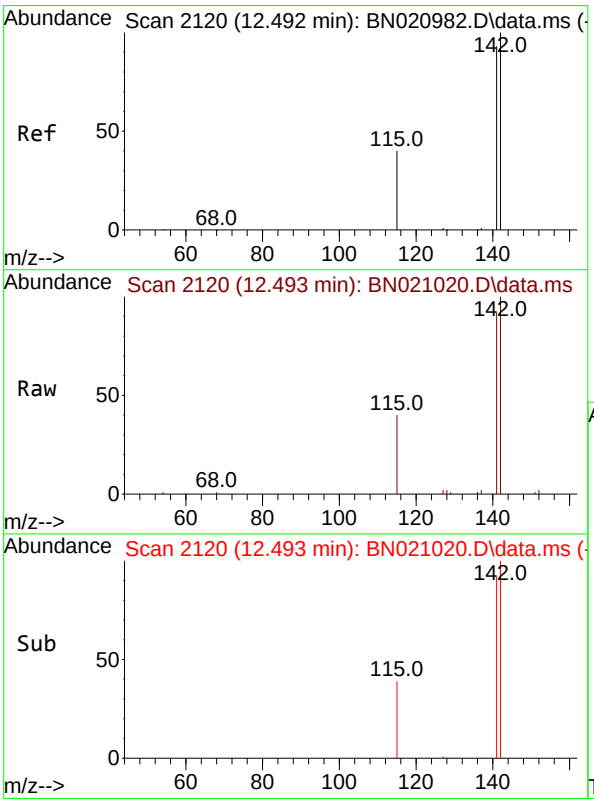
#7
2-Methylnaphthalene
Concen: 0.348 ng/ul
RT: 12.273 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN021020.D
Acq: 05 Aug 2022 10:56

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 6064

Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.2	108.2

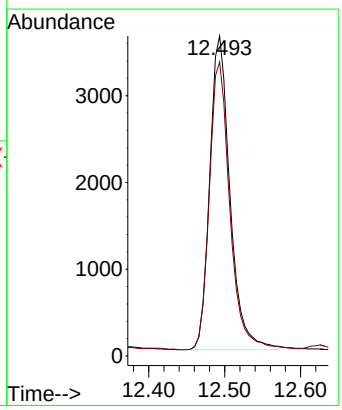


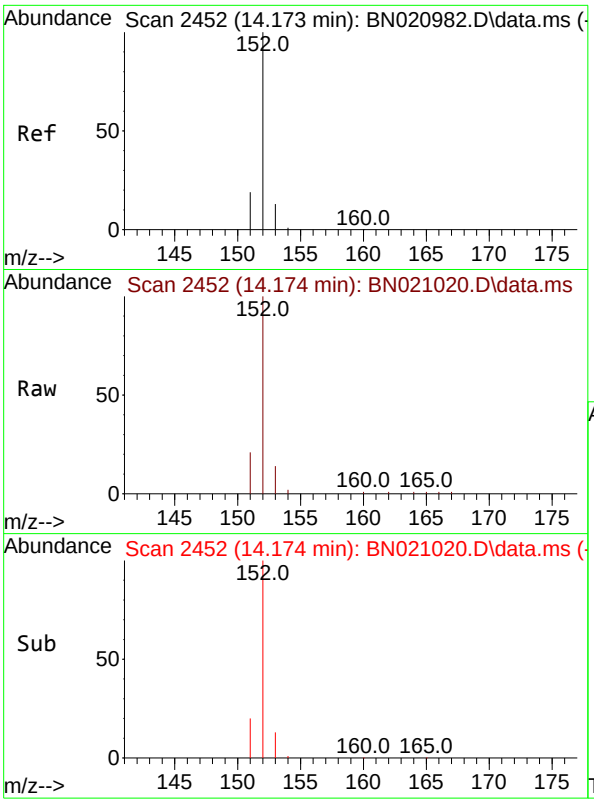


#8
1-Methylnaphthalene
Concen: 0.384 ng/ul
RT: 12.493 min Scan# 2120
Delta R.T. -0.005 min
Lab File: BN021020.D
Acq: 05 Aug 2022 10:56

Tgt Ion:142 Resp: 6704

Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.9	110.9



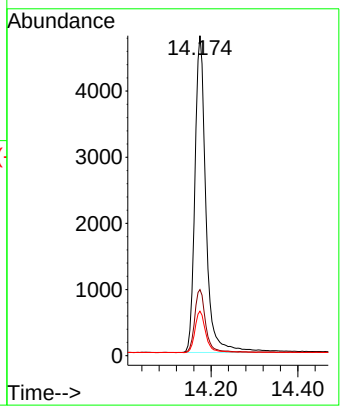


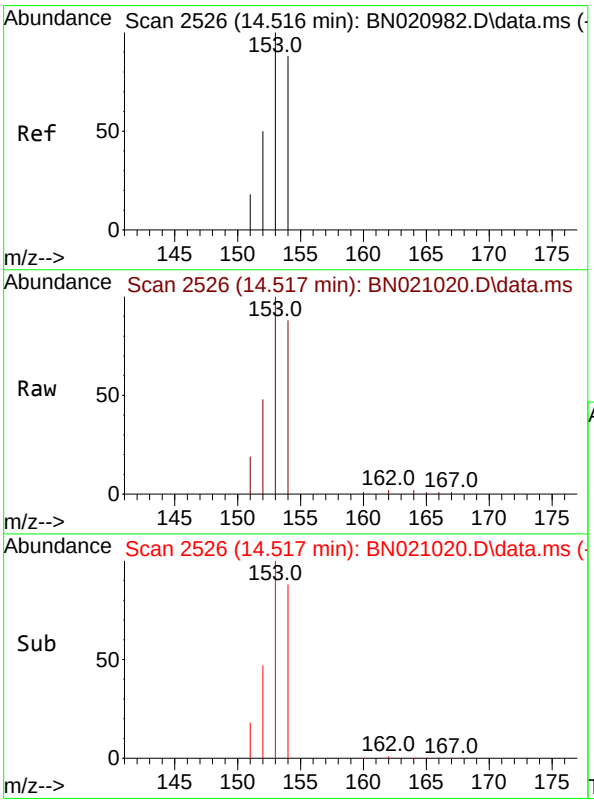
#10
Acenaphthylene
Concen: 0.352 ng/ul
RT: 14.174 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN021020.D
Acq: 05 Aug 2022 10:56

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 8500

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.9	25.3
153	13.9	11.2	16.8

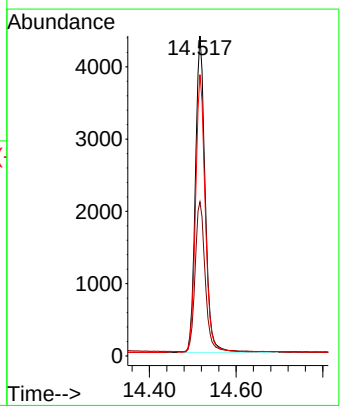


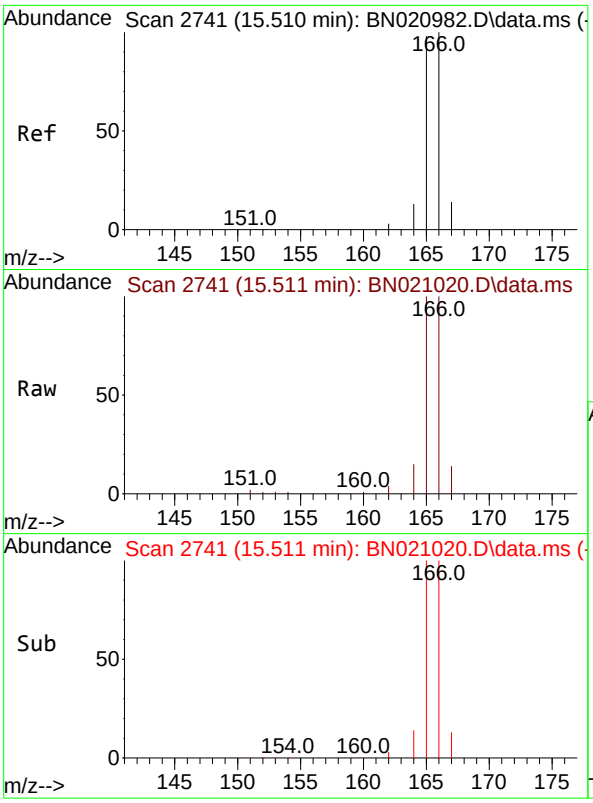


#11
Acenaphthene
Concen: 0.343 ng/ul
RT: 14.517 min Scan# 2526
Delta R.T. -0.005 min
Lab File: BN021020.D
Acq: 05 Aug 2022 10:56

Tgt Ion:153 Resp: 6863

Ion	Ratio	Lower	Upper
153	100		
152	48.2	40.2	60.4
154	87.9	70.7	106.1



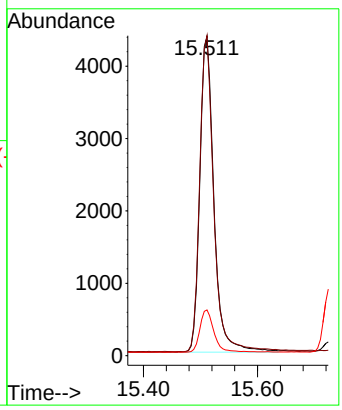


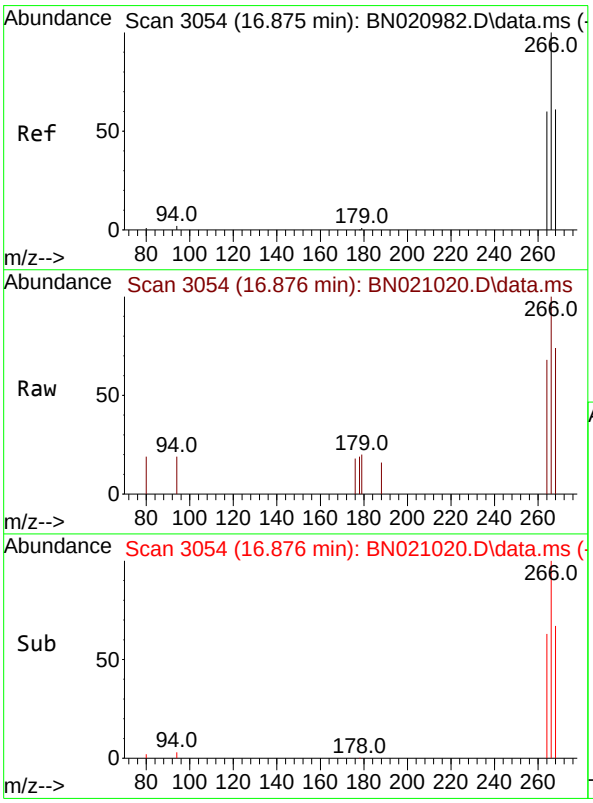
#12
Fluorene
Concen: 0.343 ng/ul
RT: 15.511 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN021020.D
Acq: 05 Aug 2022 10:56

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 7490

Ion	Ratio	Lower	Upper
166	100		
165	100.2	78.6	117.8
167	14.4	11.8	17.6

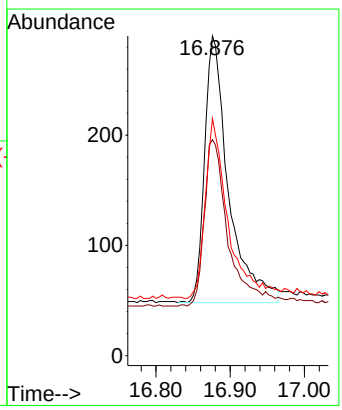


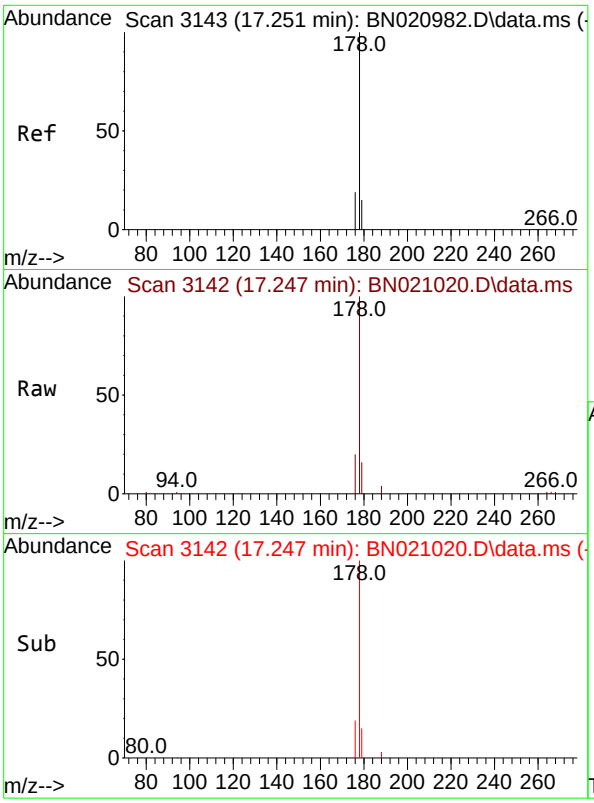


#14
Pentachlorophenol
Concen: 0.355 ng/ul
RT: 16.876 min Scan# 3054
Delta R.T. -0.004 min
Lab File: BN021020.D
Acq: 05 Aug 2022 10:56

Tgt Ion:266 Resp: 542

Ion	Ratio	Lower	Upper
266	100		
264	62.2	49.8	74.8
268	63.7	50.6	75.8



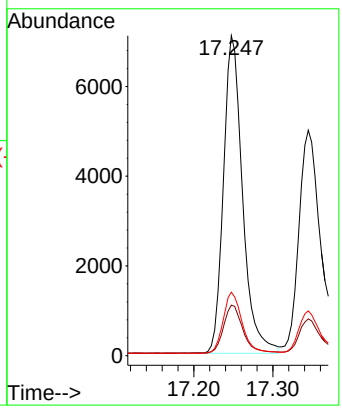


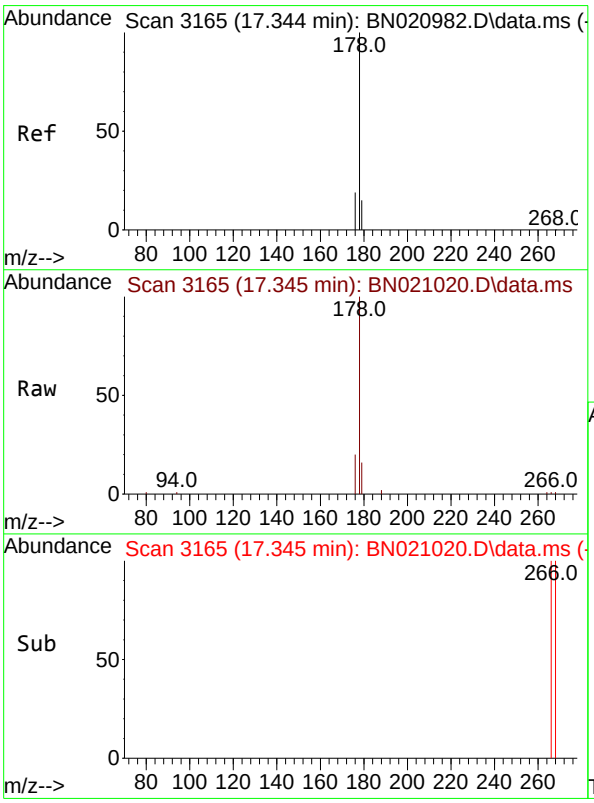
#15
Phenanthrene
Concen: 0.335 ng/ul
RT: 17.247 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN021020.D
Acq: 05 Aug 2022 10:56

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 11892

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.8	19.2
176	19.9	15.9	23.9

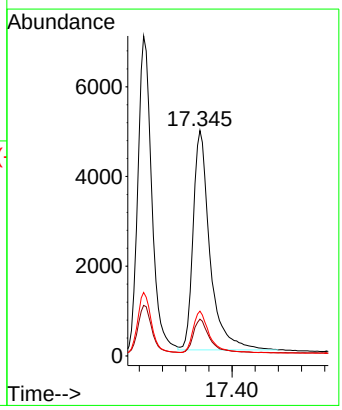


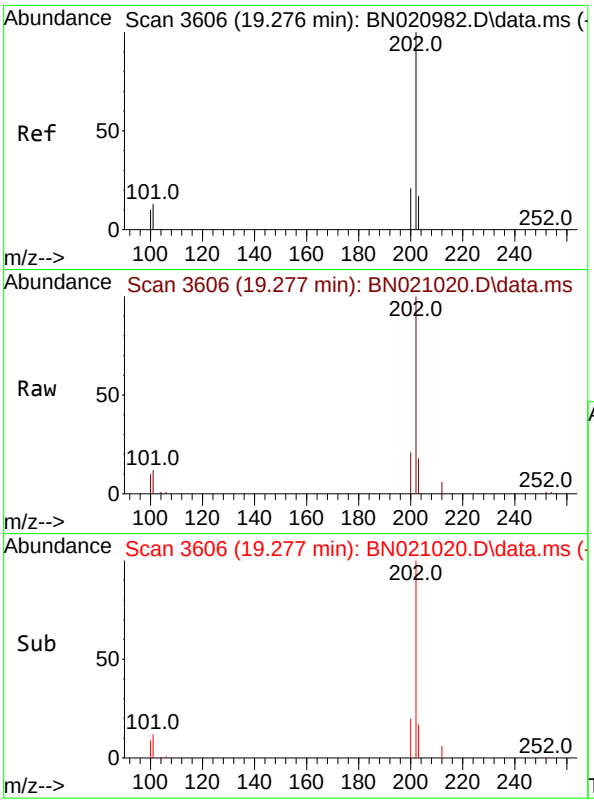


#16
Anthracene
Concen: 0.358 ng/ul
RT: 17.345 min Scan# 3165
Delta R.T. -0.004 min
Lab File: BN021020.D
Acq: 05 Aug 2022 10:56

Tgt Ion:178 Resp: 9827

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.9	19.3
176	19.9	15.9	23.9



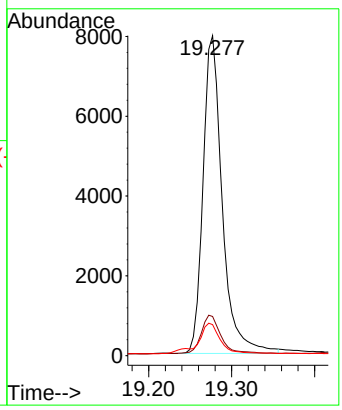


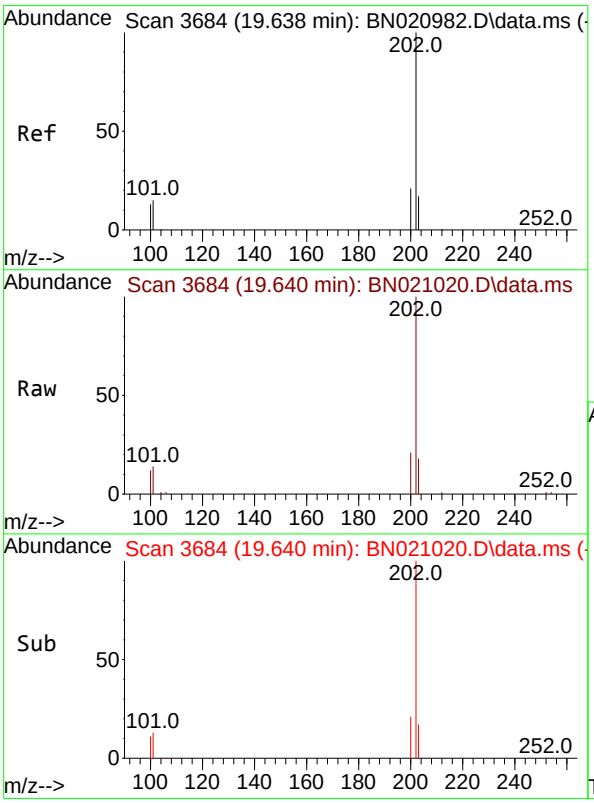
#19
Fluoranthene
Concen: 0.345 ng/ul
RT: 19.277 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN021020.D
Acq: 05 Aug 2022 10:56

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 12839

Ion	Ratio	Lower	Upper
202	100		
101	12.3	10.0	15.0
100	9.7	8.0	12.0

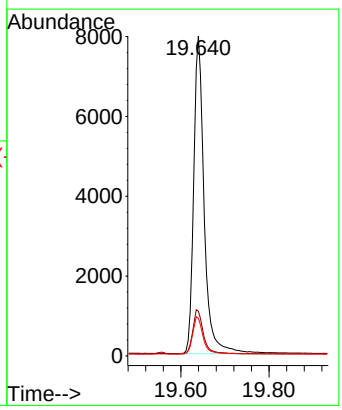


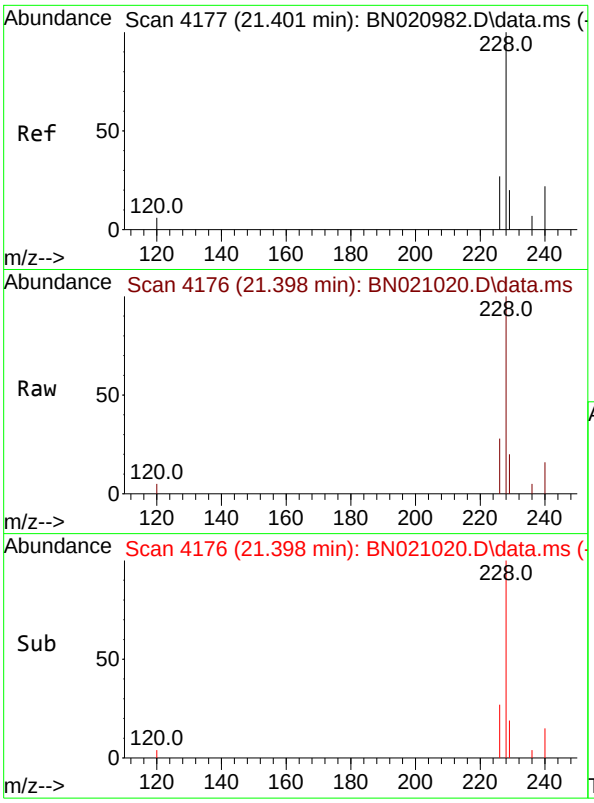


#20
Pyrene
Concen: 0.344 ng/ul
RT: 19.640 min Scan# 3684
Delta R.T. -0.005 min
Lab File: BN021020.D
Acq: 05 Aug 2022 10:56

Tgt Ion:202 Resp: 13207

Ion	Ratio	Lower	Upper
202	100		
101	14.0	11.3	16.9
100	11.8	9.0	13.4



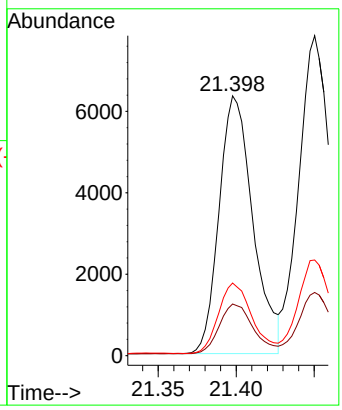


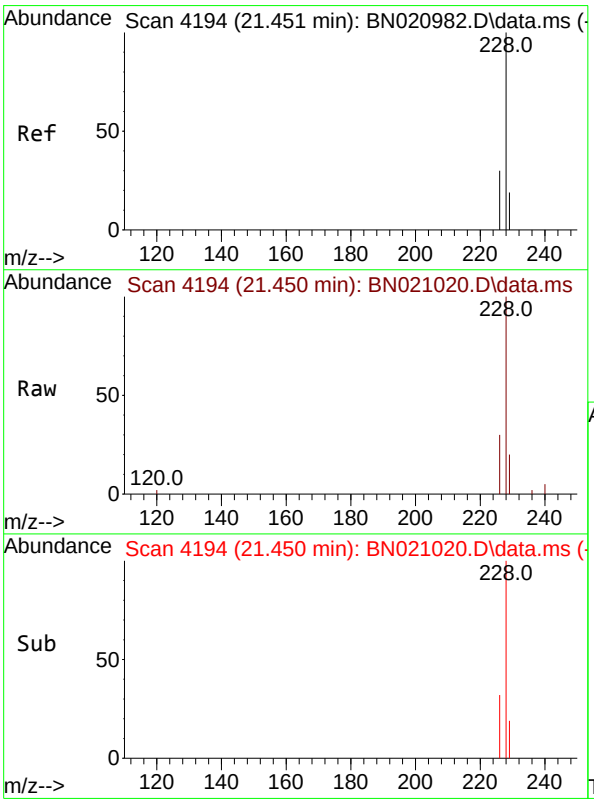
#21
Benzo(a)anthracene
Concen: 0.350 ng/ul
RT: 21.398 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN021020.D
Acq: 05 Aug 2022 10:56

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 9577

Ion	Ratio	Lower	Upper
228	100		
229	19.9	16.0	24.0
226	28.0	21.9	32.9

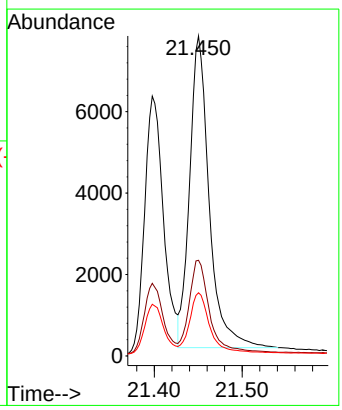


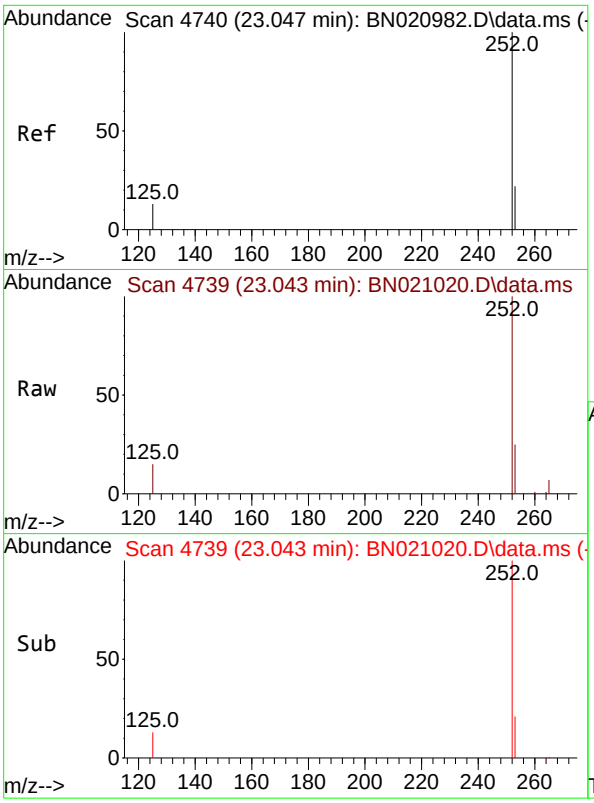


#22
Chrysene
Concen: 0.328 ng/ul
RT: 21.450 min Scan# 4194
Delta R.T. -0.009 min
Lab File: BN021020.D
Acq: 05 Aug 2022 10:56

Tgt Ion:228 Resp: 11847

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.6	37.0
229	19.7	15.8	23.8



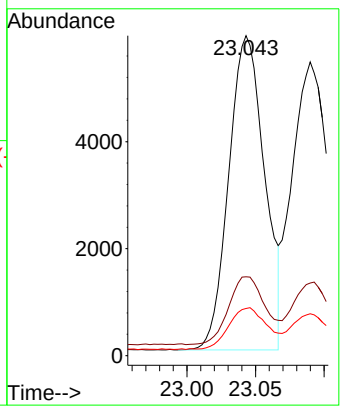


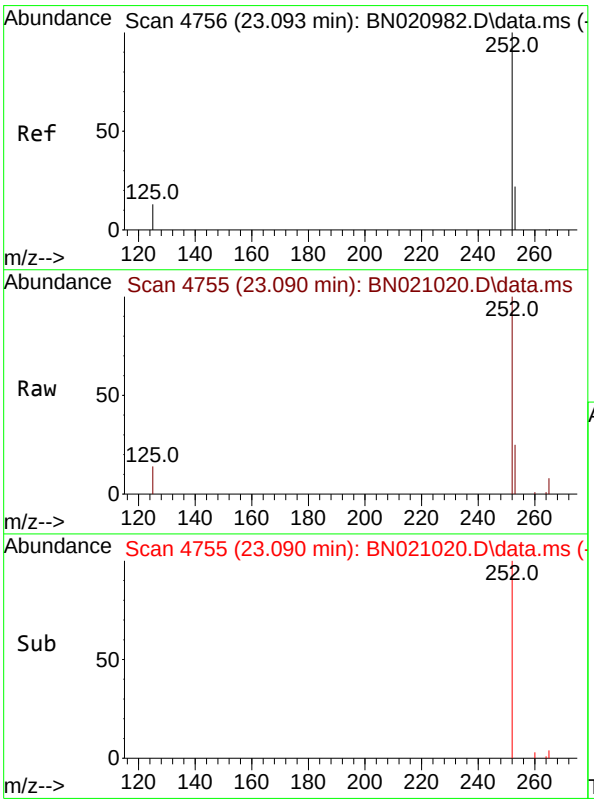
#24
Benzo(b)fluoranthene
Concen: 0.323 ng/ul
RT: 23.043 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN021020.D
Acq: 05 Aug 2022 10:56

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 10662

Ion	Ratio	Lower	Upper
252	100		
253	24.7	0.0	50.8
125	14.8	0.0	30.0

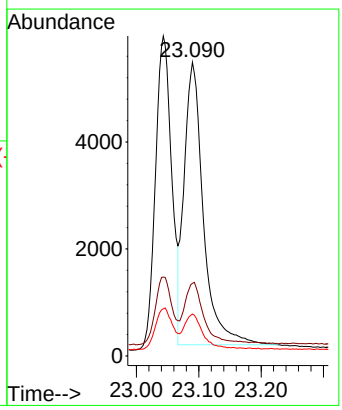


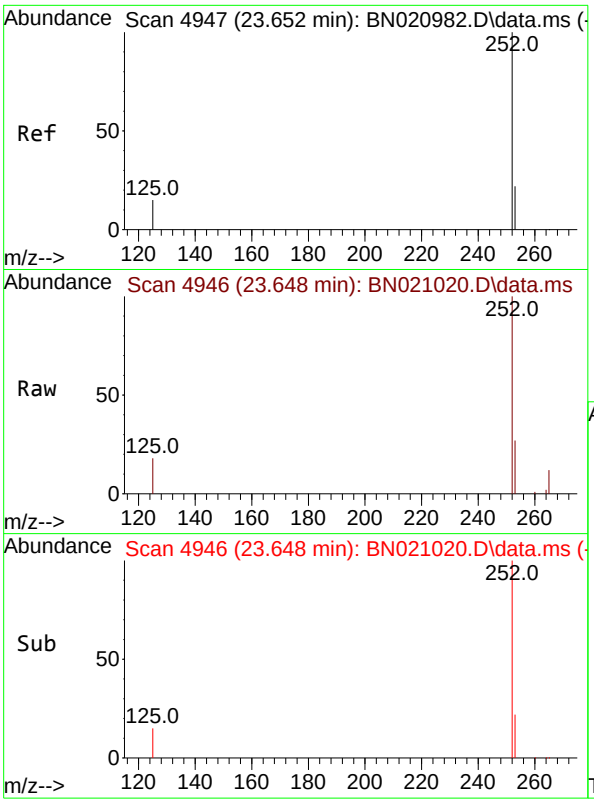


#25
Benzo(k)fluoranthene
Concen: 0.325 ng/ul
RT: 23.090 min Scan# 4755
Delta R.T. -0.009 min
Lab File: BN021020.D
Acq: 05 Aug 2022 10:56

Tgt Ion:252 Resp: 11320

Ion	Ratio	Lower	Upper
252	100		
253	24.7	20.6	31.0
125	14.3	11.8	17.6



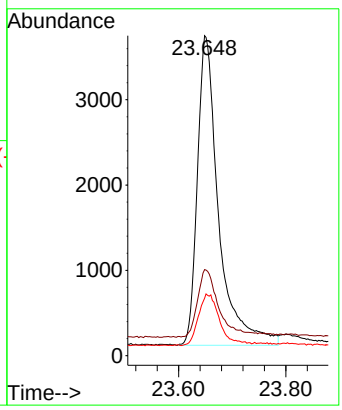


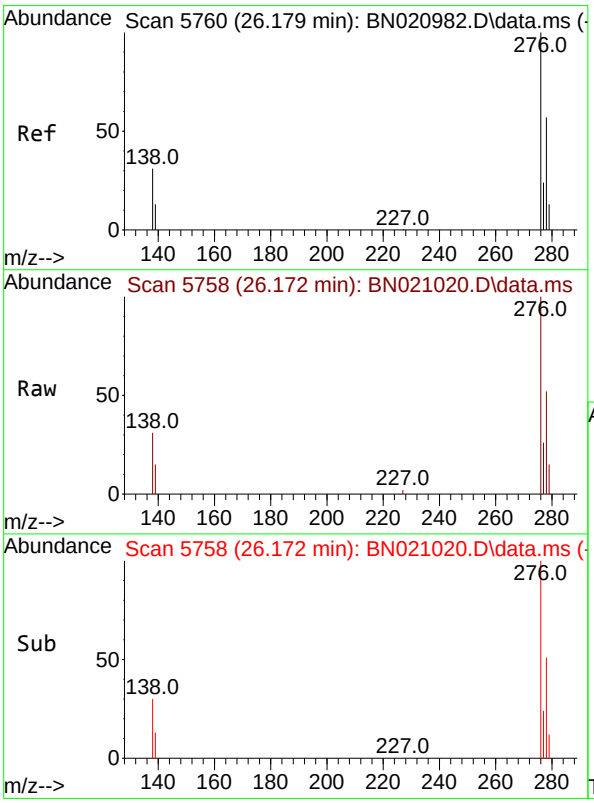
#26
Benzo(a)pyrene
Concen: 0.332 ng/ul
RT: 23.648 min Scan# 4
Delta R.T. -0.012 min
Lab File: BN021020.D
Acq: 05 Aug 2022 10:56

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 9987

Ion	Ratio	Lower	Upper
252	100		
253	26.9	22.1	33.1
125	17.9	14.7	22.1

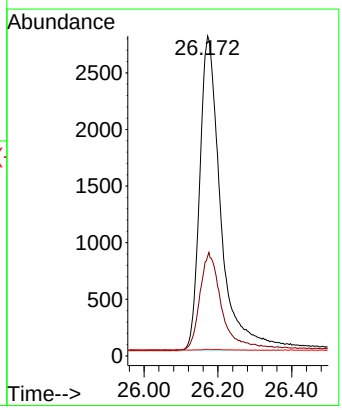


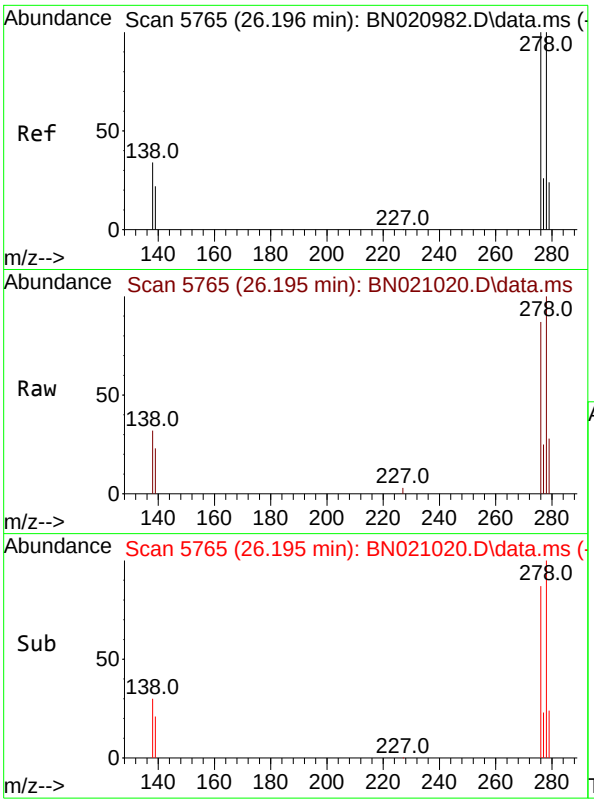


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.305 ng/ul
RT: 26.172 min Scan# 5758
Delta R.T. -0.013 min
Lab File: BN021020.D
Acq: 05 Aug 2022 10:56

Tgt Ion:276 Resp: 10960

Ion	Ratio	Lower	Upper
276	100		
138	32.7	26.1	39.1
227	0.1	0.1	0.1#



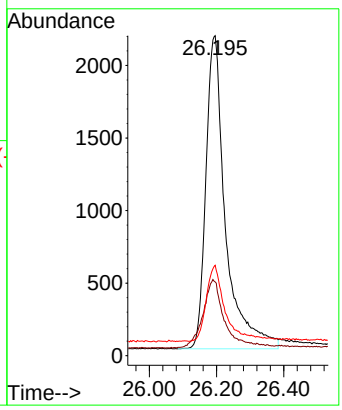


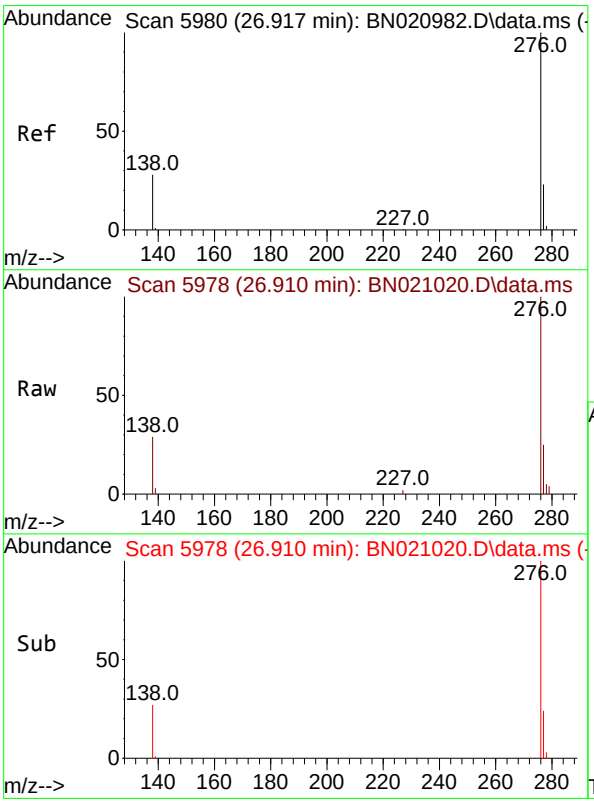
#28
Dibenzo(a,h)anthracene
Concen: 0.308 ng/ul
RT: 26.195 min Scan# 5
Delta R.T. -0.013 min
Lab File: BN021020.D
Acq: 05 Aug 2022 10:56

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 8733

Ion	Ratio	Lower	Upper
278	100		
139	23.0	18.3	27.5
279	28.3	23.9	35.9





#29
Benzo(g,h,i)perylene
Concen: 0.301 ng/ul
RT: 26.910 min Scan# 5978
Delta R.T. -0.020 min
Lab File: BN021020.D
Acq: 05 Aug 2022 10:56

Tgt Ion:276 Resp: 9643

Ion	Ratio	Lower	Upper
276	100		
138	29.2	22.6	34.0
277	25.4	20.2	30.2