Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080422\
Data File : BN021023.D
Acq On : 05 Aug 2022 12:47
Operator : CG/JU
Sample : PB146649BS
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 06 00:27:51 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	7.810	152	2284	0.400	ng/ul	0.00
4) Naphthalene-d8	10.602	136	7439	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.452	164	4165	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.205	188	8005	0.400	ng/ul	0.00
17) Chrysene-d12	21.415	240	6657	0.400	ng/ul	0.00
23) Perylene-d12	23.757	264	5498	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.207	96	2323	0.795	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.202	152	4889	0.449	ng/ul	0.00
18) Fluoranthene-d10	19.245	212	10165	0.494	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	5928	1.969	ng/ul#	84
5) Naphthalene	10.651	128	9612	0.421	ng/ul	99
7) 2-Methylnaphthalene	12.274	142	5827	0.420	ng/ul	99
8) 1-Methylnaphthalene	12.494	142	5991	0.432	ng/ul	99
10) Acenaphthylene	14.174	152	8217	0.422	ng/ul	99
11) Acenaphthene	14.517	153	6672	0.414	ng/ul	99
12) Fluorene	15.511	166	7381	0.419	ng/ul	99
14) Pentachlorophenol	16.872	266	1111	0.900	ng/ul	99
15) Phenanthrene	17.248	178	11943	0.417	ng/ul	100
16) Anthracene	17.345	178	9834	0.443	ng/ul	99
19) Fluoranthene	19.277	202	13167	0.447	ng/ul	99
20) Pyrene	19.640	202	13535	0.445	ng/ul	98
21) Benzo(a)anthracene	21.401	228	9736	0.448	ng/ul	100
22) Chrysene	21.453	228	12305	0.430	ng/ul	99
24) Benzo(b)fluoranthene	23.046	252	10917	0.429	ng/ul	99
25) Benzo(k)fluoranthene	23.093	252	11539	0.430	ng/ul	98
26) Benzo(a)pyrene	23.654	252	9972	0.429	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.179	276	10698	0.386	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.192	278	8548	0.390	ng/ul	97
29) Benzo(g,h,i)perylene	26.917	276	9873	0.399	ng/ul	100

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080422\
Data File : BN021023.D
Acq On : 05 Aug 2022 12:47
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Sample : PB146649BS
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
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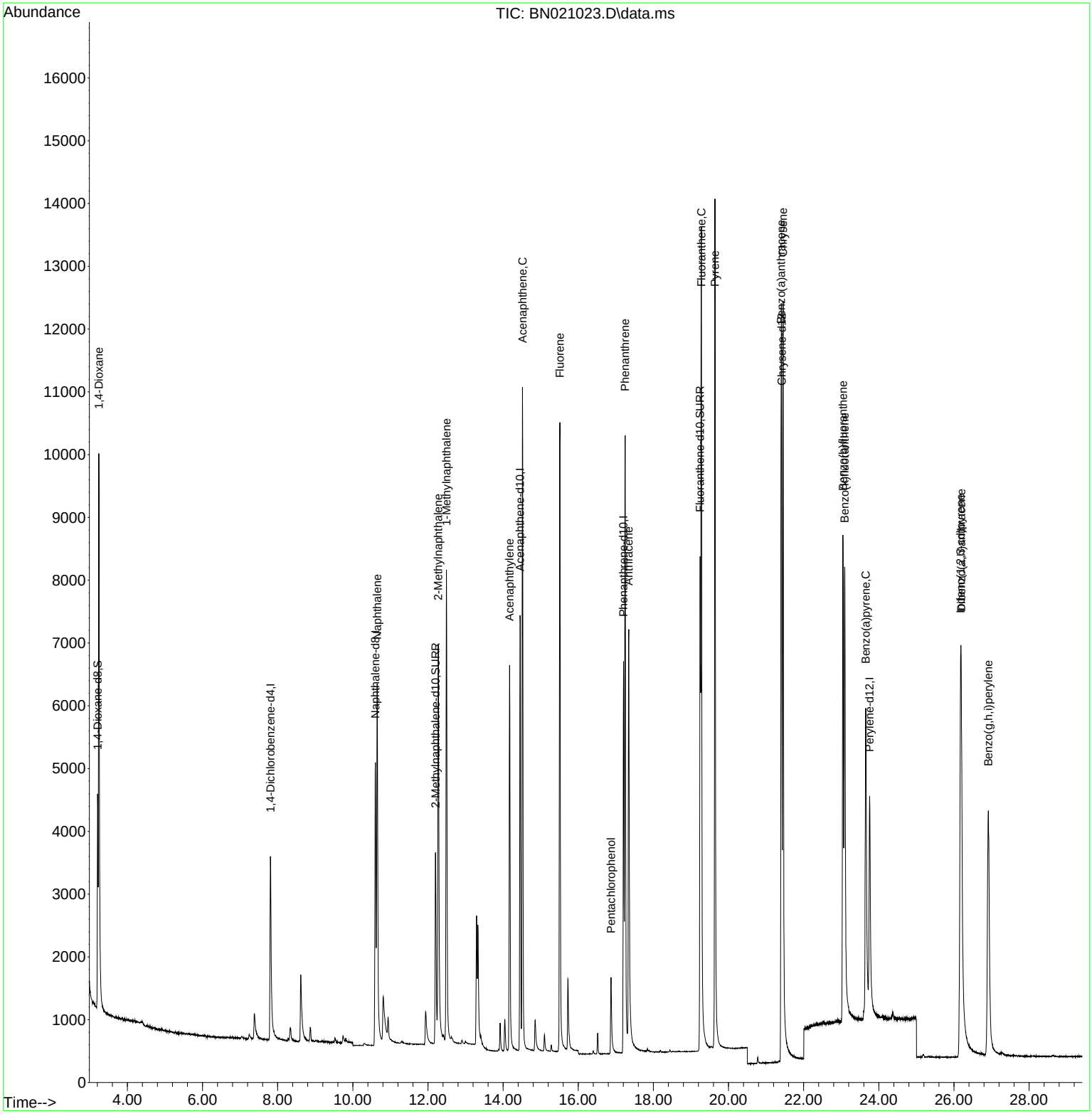
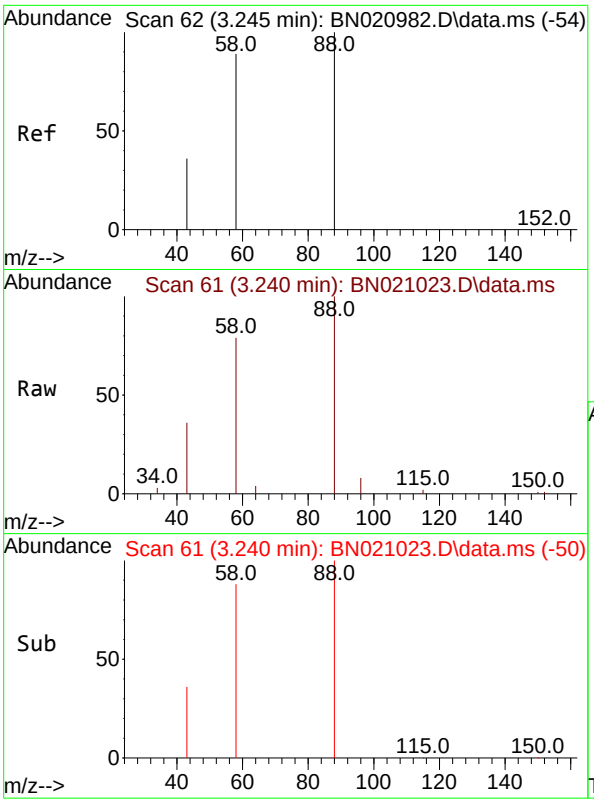
Quant Time: Aug 06 00:27:51 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 03 16:31:11 2022
Response via : Initial Calibration



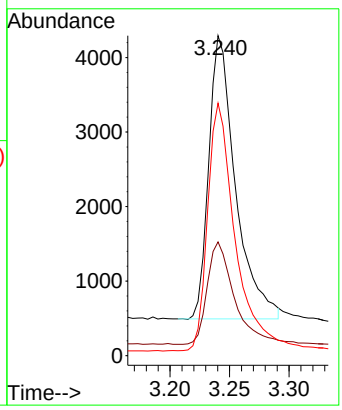


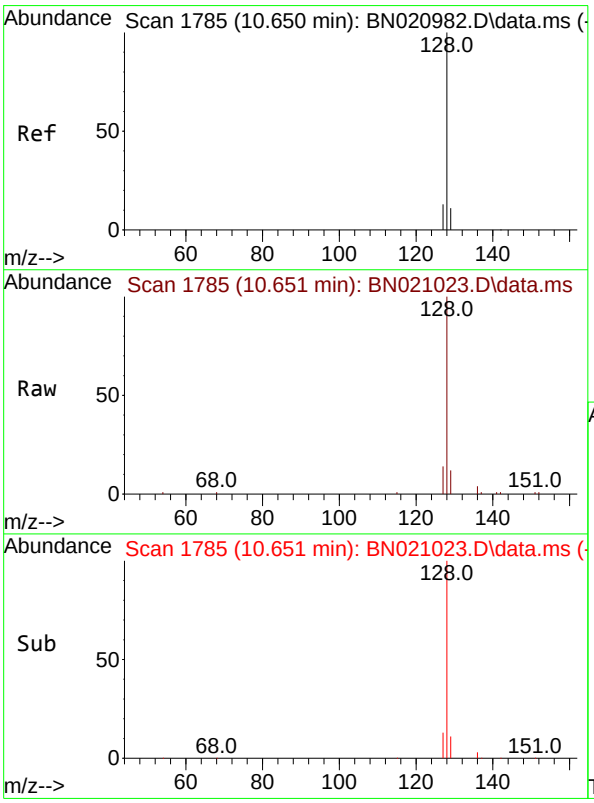
#2
1,4-Dioxane
Concen: 1.969 ng/ul
RT: 3.240 min Scan# 6
Delta R.T. -0.004 min
Lab File: BN021023.D
Acq: 05 Aug 2022 12:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 88 Resp: 5928

Ion	Ratio	Lower	Upper
88	100		
43	35.6	31.4	47.0
58	78.9	49.0	73.6#

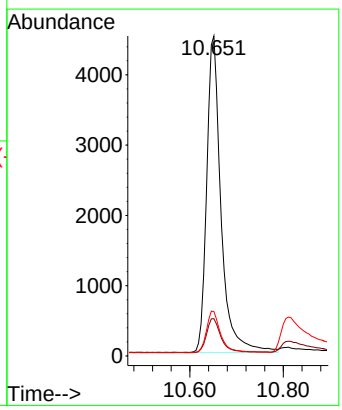


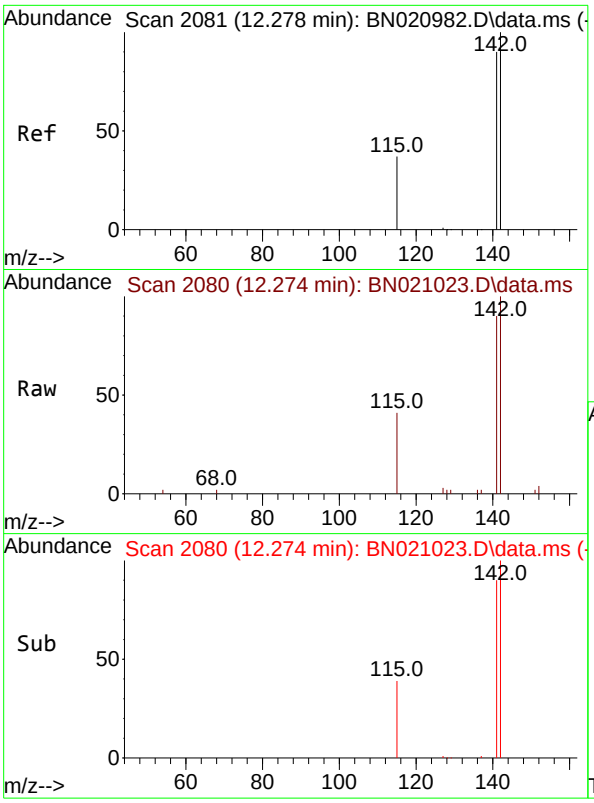


#5
Naphthalene
Concen: 0.421 ng/ul
RT: 10.651 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BN021023.D
Acq: 05 Aug 2022 12:47

Tgt Ion:128 Resp: 9612

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.8	14.6
127	13.9	11.6	17.4



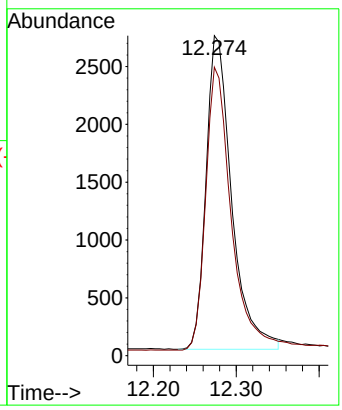


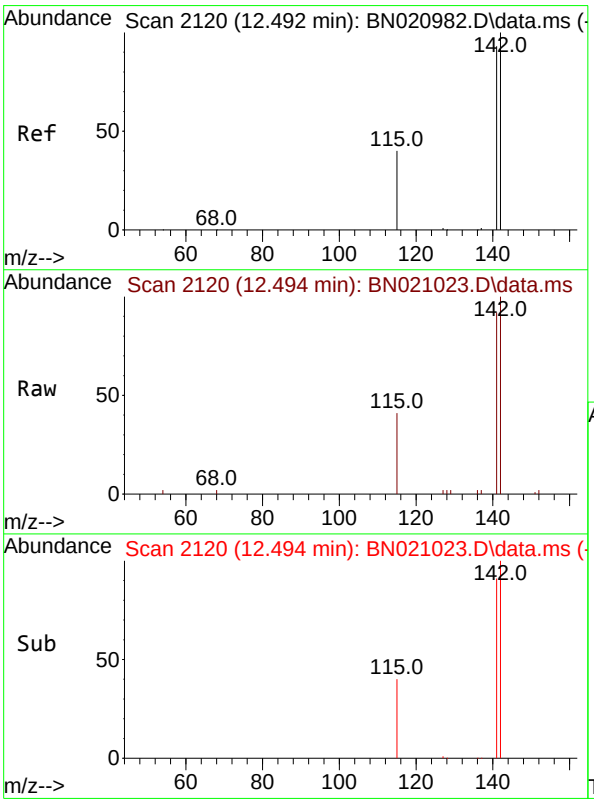
#7
2-Methylnaphthalene
Concen: 0.420 ng/ul
RT: 12.274 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN021023.D
Acq: 05 Aug 2022 12:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 5827

Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.2	108.2

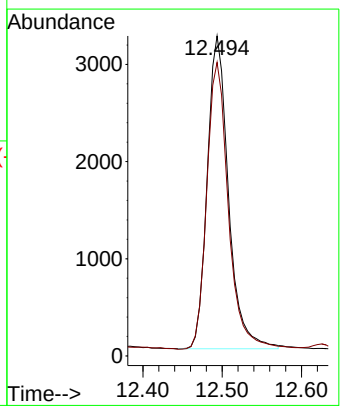


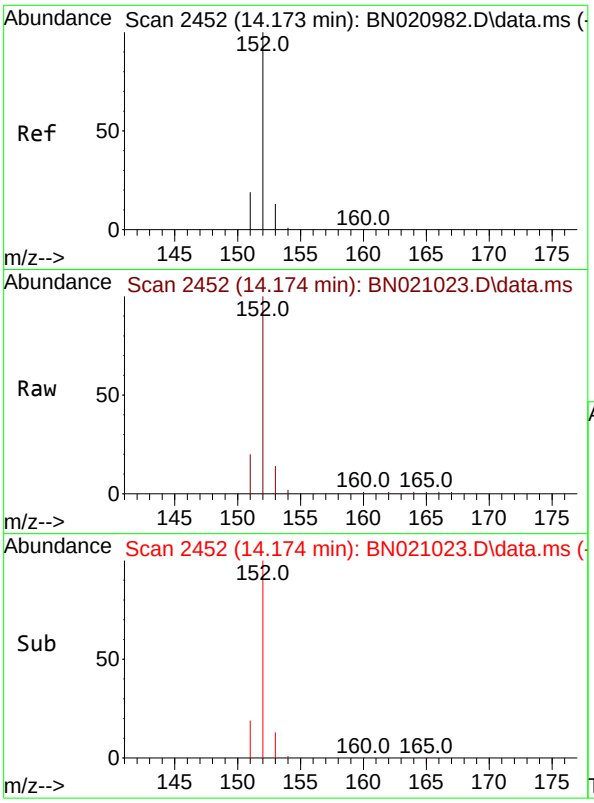


#8
1-Methylnaphthalene
Concen: 0.432 ng/ul
RT: 12.494 min Scan# 2120
Delta R.T. -0.005 min
Lab File: BN021023.D
Acq: 05 Aug 2022 12:47

Tgt Ion:142 Resp: 5991

Ion	Ratio	Lower	Upper
142	100		
141	93.2	73.9	110.9



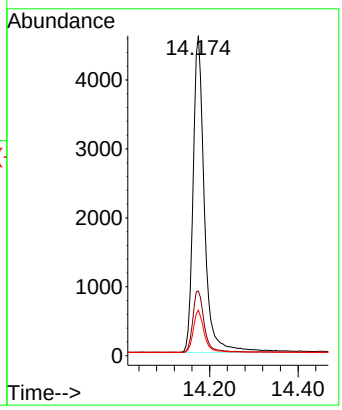


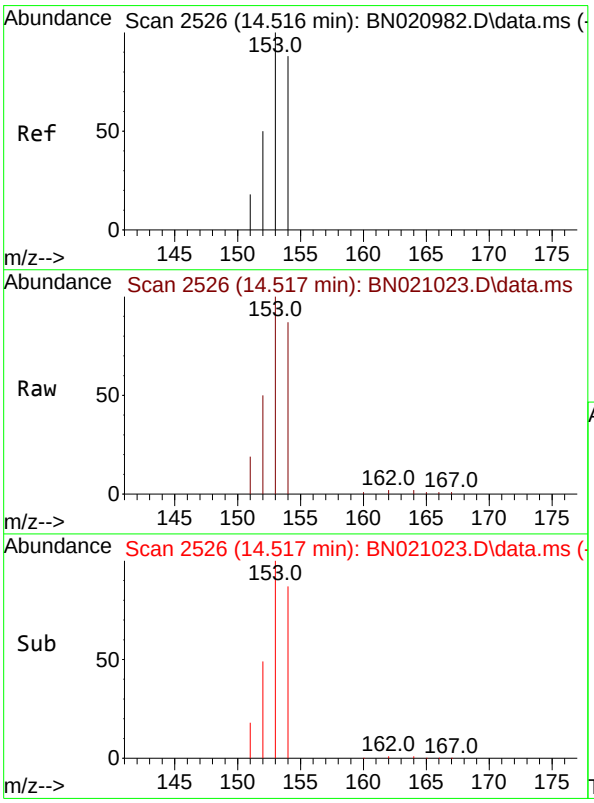
#10
Acenaphthylene
Concen: 0.422 ng/ul
RT: 14.174 min Scan# 24
Delta R.T. -0.004 min
Lab File: BN021023.D
Acq: 05 Aug 2022 12:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 8217

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.9	25.3
153	14.2	11.2	16.8

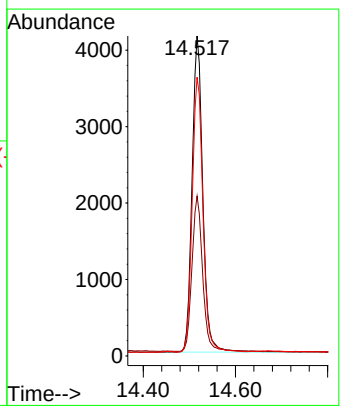


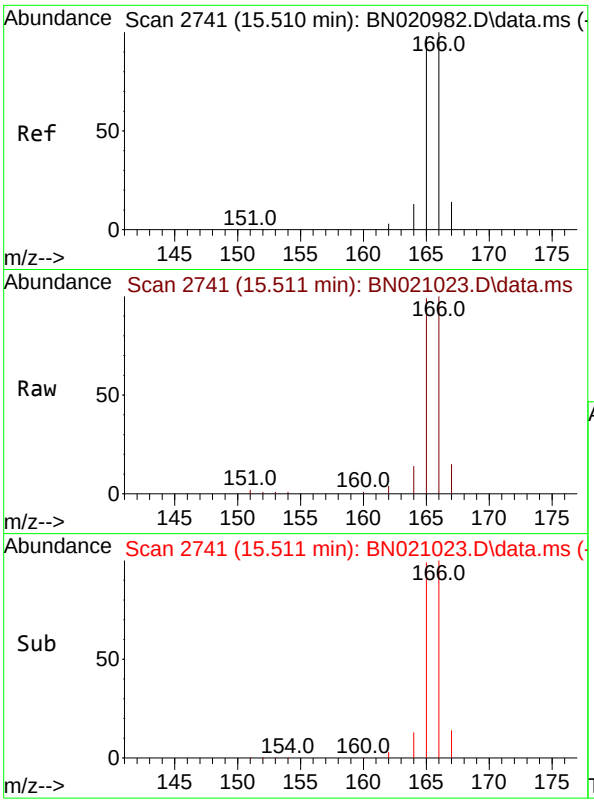


#11
Acenaphthene
Concen: 0.414 ng/ul
RT: 14.517 min Scan# 2526
Delta R.T. -0.004 min
Lab File: BN021023.D
Acq: 05 Aug 2022 12:47

Tgt Ion:153 Resp: 6672

Ion	Ratio	Lower	Upper
153	100		
152	49.9	40.2	60.4
154	87.1	70.7	106.1



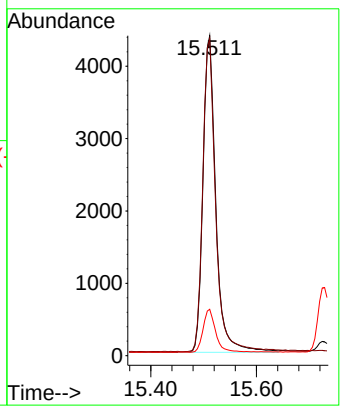


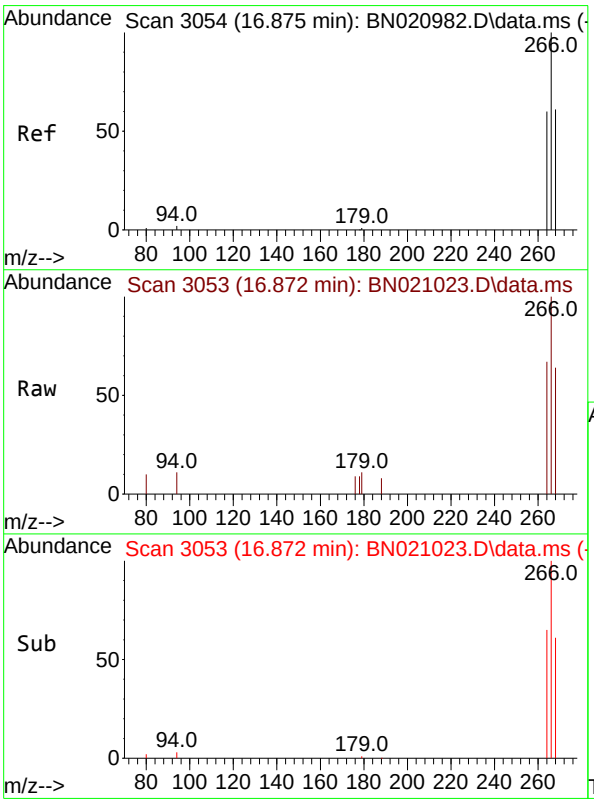
#12
Fluorene
Concen: 0.419 ng/ul
RT: 15.511 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN021023.D
Acq: 05 Aug 2022 12:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 7381

Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.6	117.8
167	14.5	11.8	17.6

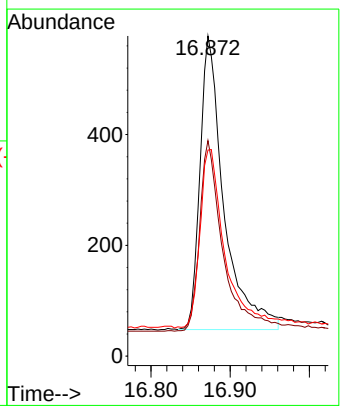


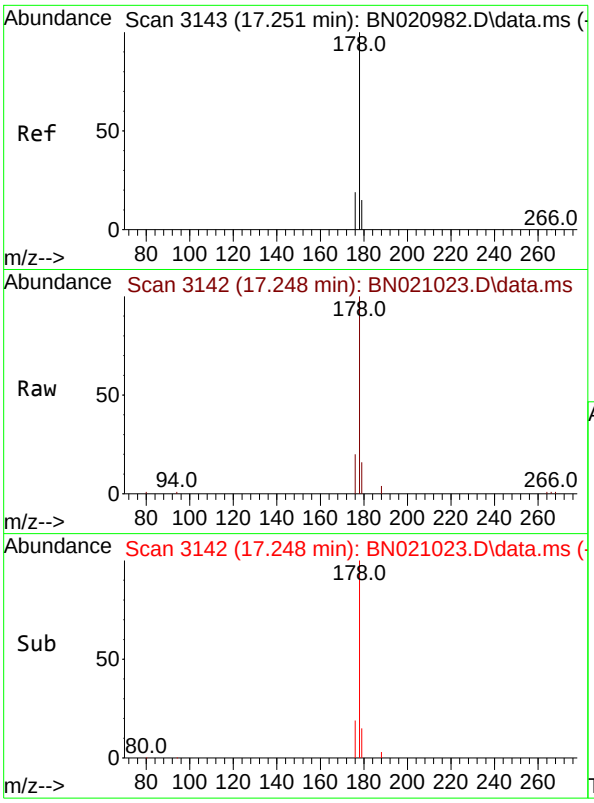


#14
Pentachlorophenol
Concen: 0.900 ng/ul
RT: 16.872 min Scan# 3053
Delta R.T. -0.008 min
Lab File: BN021023.D
Acq: 05 Aug 2022 12:47

Tgt Ion:266 Resp: 1111

Ion	Ratio	Lower	Upper
266	100		
264	63.5	49.8	74.8
268	62.7	50.6	75.8



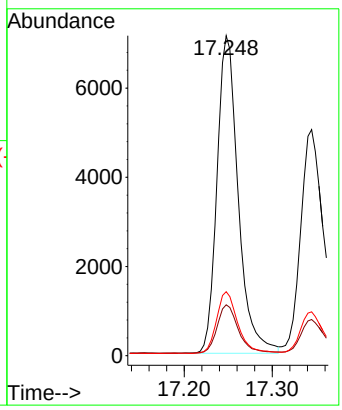


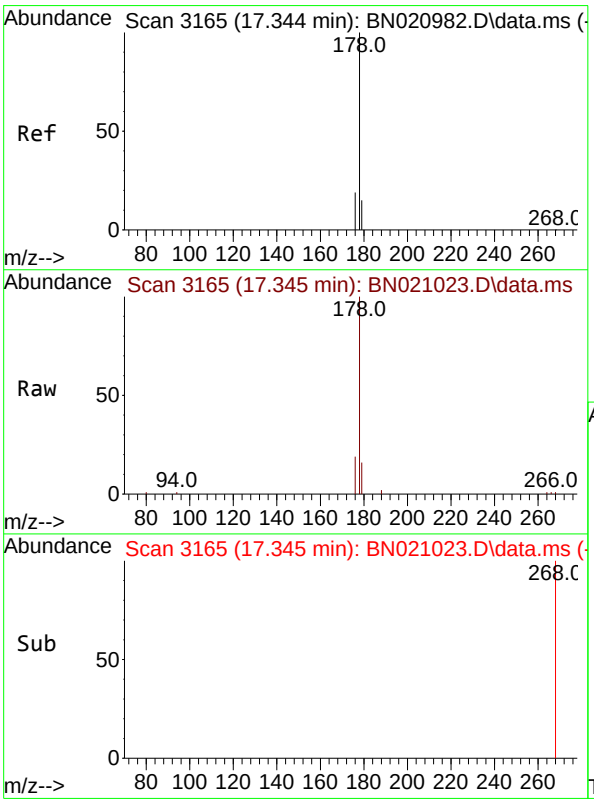
#15
Phenanthrene
Concen: 0.417 ng/ul
RT: 17.248 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN021023.D
Acq: 05 Aug 2022 12:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 11943

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.8	19.2
176	20.0	15.9	23.9

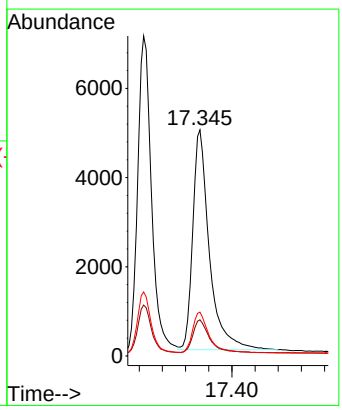


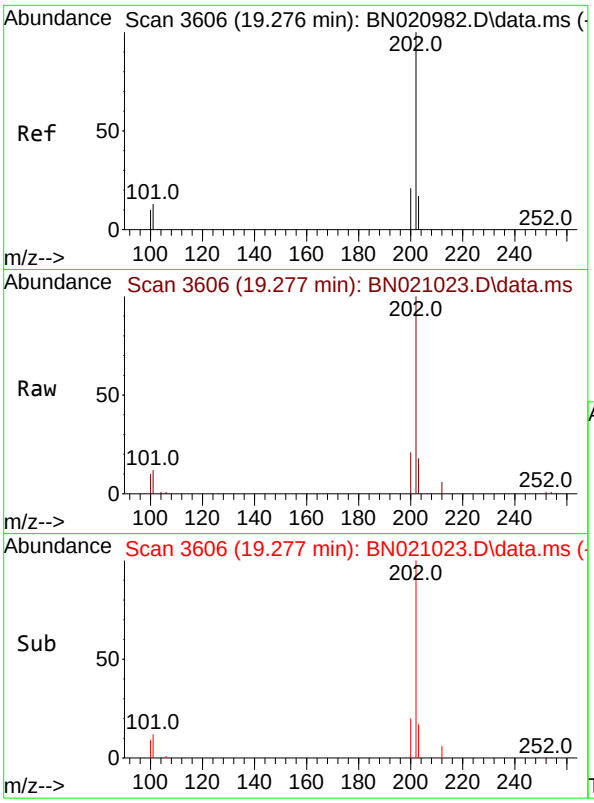


#16
Anthracene
Concen: 0.443 ng/ul
RT: 17.345 min Scan# 3165
Delta R.T. -0.004 min
Lab File: BN021023.D
Acq: 05 Aug 2022 12:47

Tgt Ion:178 Resp: 9834

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.9	19.3
176	19.4	15.9	23.9



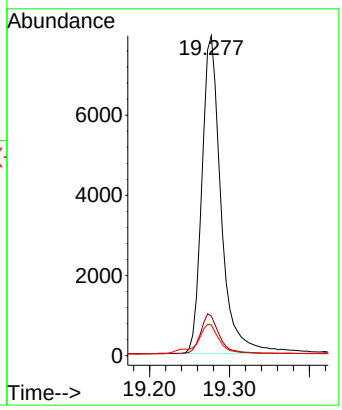


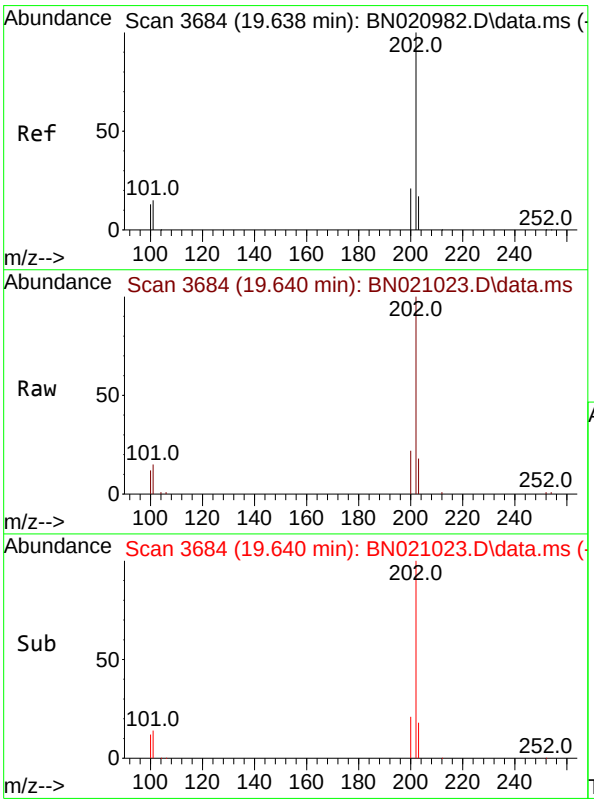
#19
Fluoranthene
Concen: 0.447 ng/ul
RT: 19.277 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN021023.D
Acq: 05 Aug 2022 12:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 13167

Ion	Ratio	Lower	Upper
202	100		
101	12.4	10.0	15.0
100	9.6	8.0	12.0

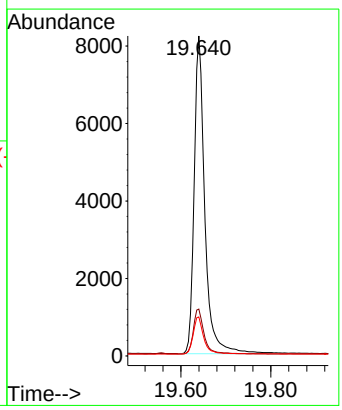


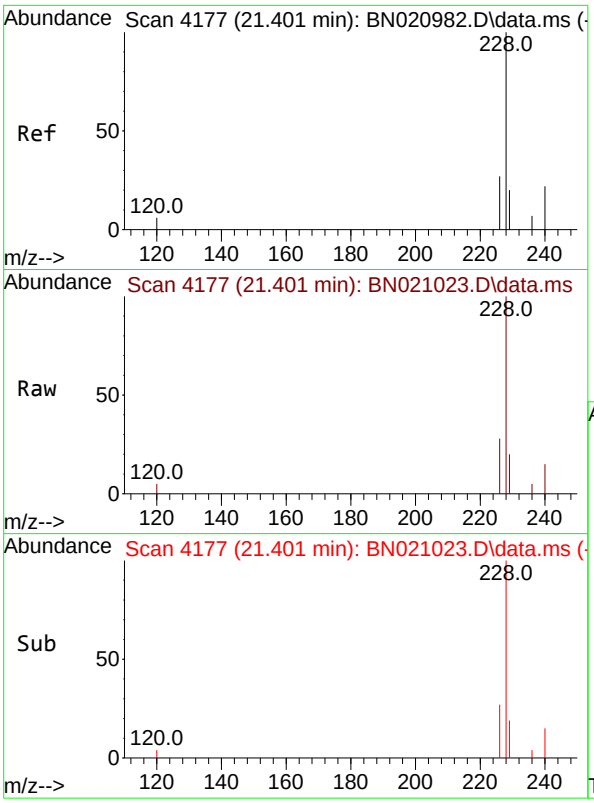


#20
Pyrene
Concen: 0.445 ng/ul
RT: 19.640 min Scan# 3684
Delta R.T. -0.004 min
Lab File: BN021023.D
Acq: 05 Aug 2022 12:47

Tgt Ion:202 Resp: 13535

Ion	Ratio	Lower	Upper
202	100		
101	14.6	11.3	16.9
100	12.2	9.0	13.4



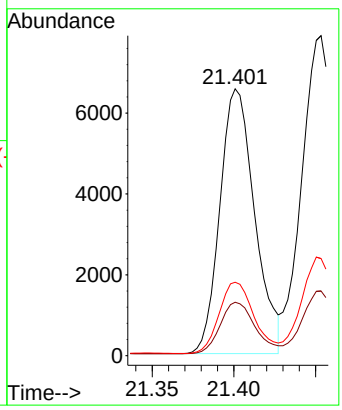


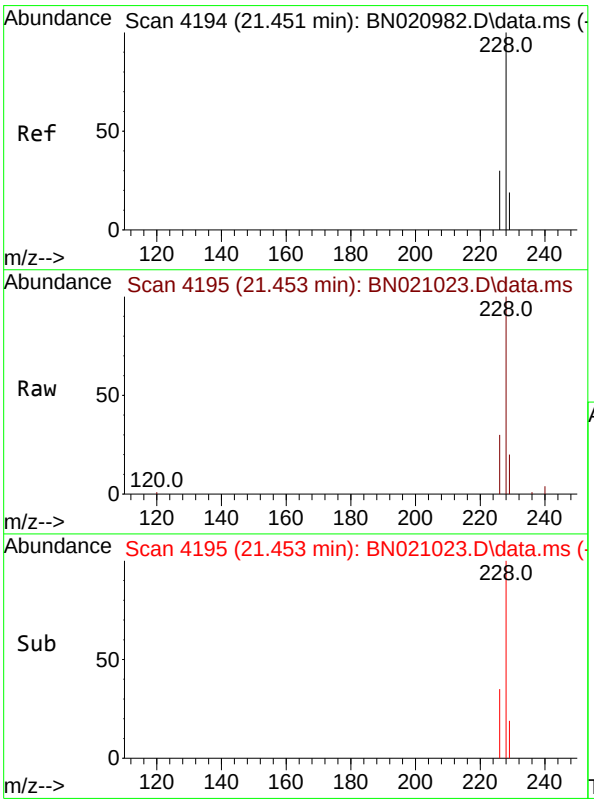
#21
Benzo(a)anthracene
Concen: 0.448 ng/ul
RT: 21.401 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN021023.D
Acq: 05 Aug 2022 12:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 9736

Ion	Ratio	Lower	Upper
228	100		
229	20.0	16.0	24.0
226	27.5	21.9	32.9

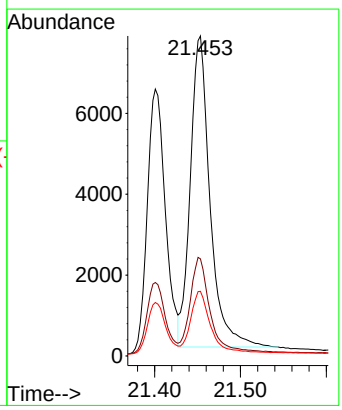


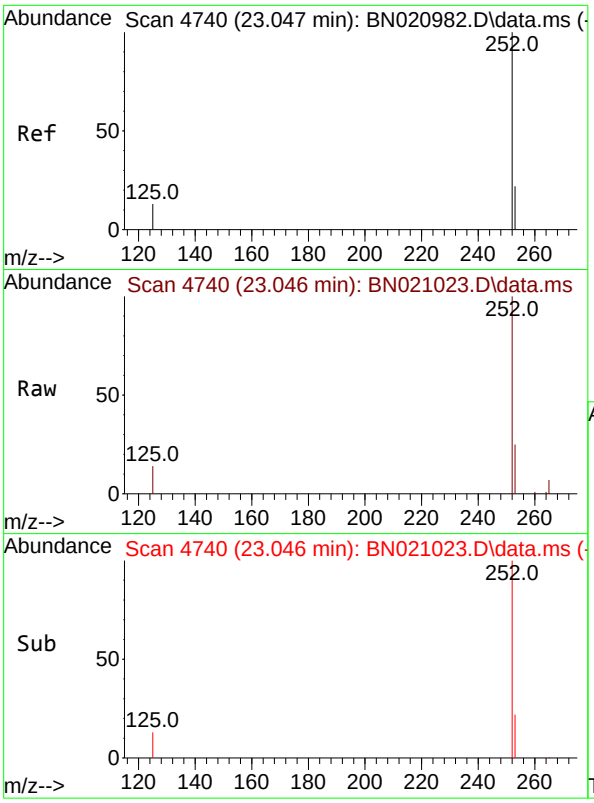


#22
Chrysene
Concen: 0.430 ng/ul
RT: 21.453 min Scan# 4195
Delta R.T. -0.006 min
Lab File: BN021023.D
Acq: 05 Aug 2022 12:47

Tgt Ion:228 Resp: 12305

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.6	37.0
229	20.2	15.8	23.8



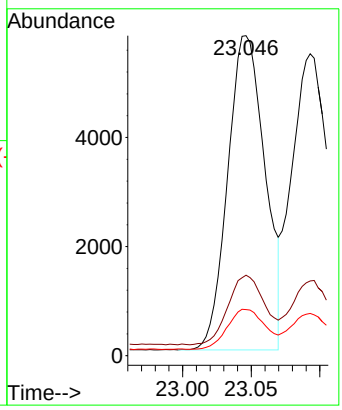


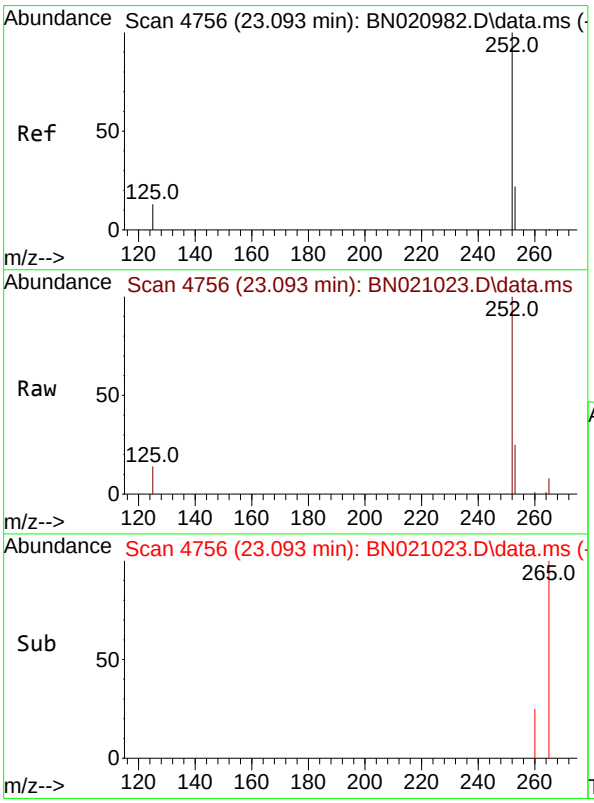
#24
Benzo(b)fluoranthene
Concen: 0.429 ng/ul
RT: 23.046 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN021023.D
Acq: 05 Aug 2022 12:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 10917

Ion	Ratio	Lower	Upper
252	100		
253	25.2	0.0	50.8
125	14.4	0.0	30.0

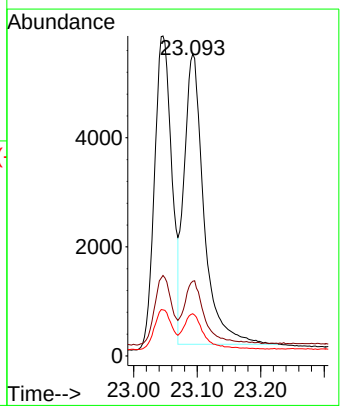


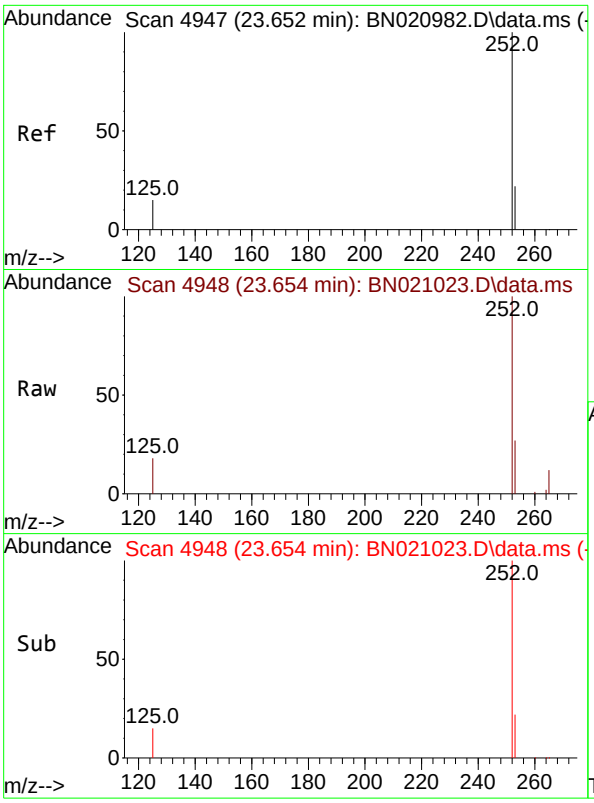


#25
Benzo(k)fluoranthene
Concen: 0.430 ng/ul
RT: 23.093 min Scan# 4756
Delta R.T. -0.006 min
Lab File: BN021023.D
Acq: 05 Aug 2022 12:47

Tgt Ion:252 Resp: 11539

Ion	Ratio	Lower	Upper
252	100		
253	24.7	20.6	31.0
125	14.0	11.8	17.6



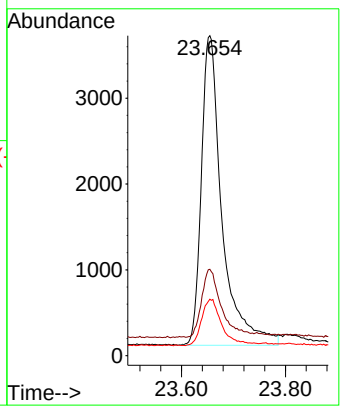


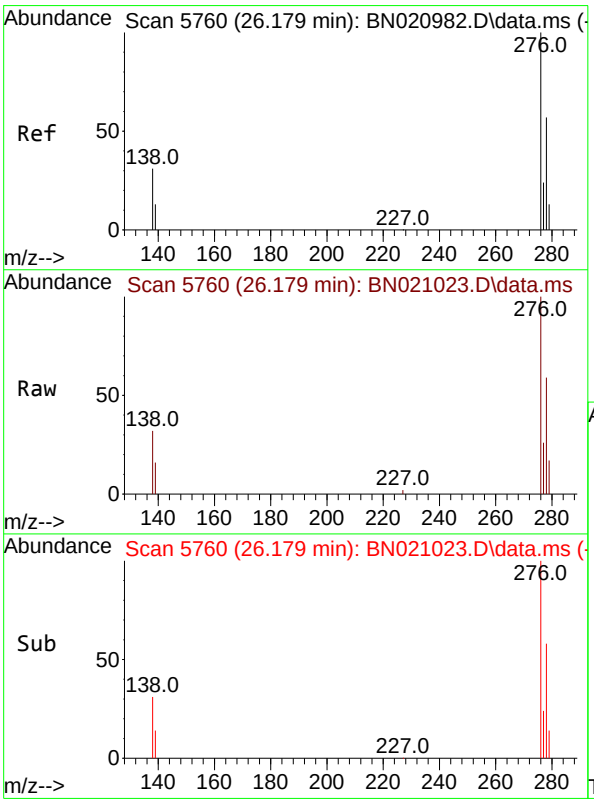
#26
Benzo(a)pyrene
Concen: 0.429 ng/ul
RT: 23.654 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN021023.D
Acq: 05 Aug 2022 12:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 9972

Ion	Ratio	Lower	Upper
252	100		
253	27.0	22.1	33.1
125	17.6	14.7	22.1

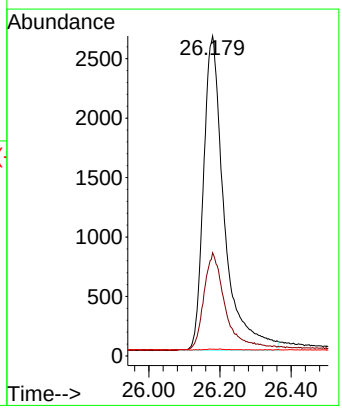


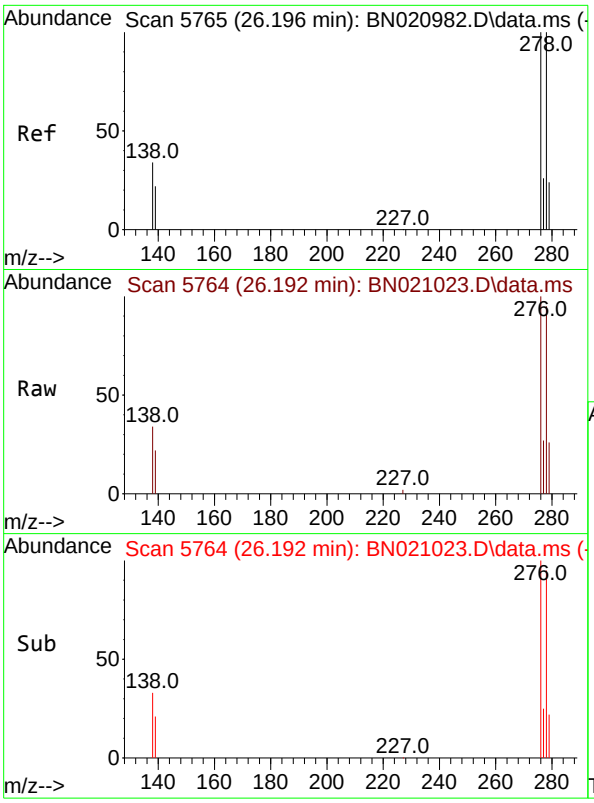


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.386 ng/ul
RT: 26.179 min Scan# 5760
Delta R.T. -0.007 min
Lab File: BN021023.D
Acq: 05 Aug 2022 12:47

Tgt Ion:276 Resp: 10698

Ion	Ratio	Lower	Upper
276	100		
138	32.1	26.1	39.1
227	0.1	0.1	0.1#



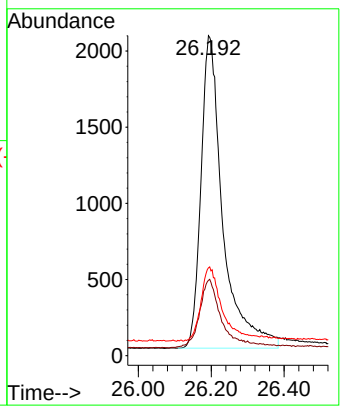


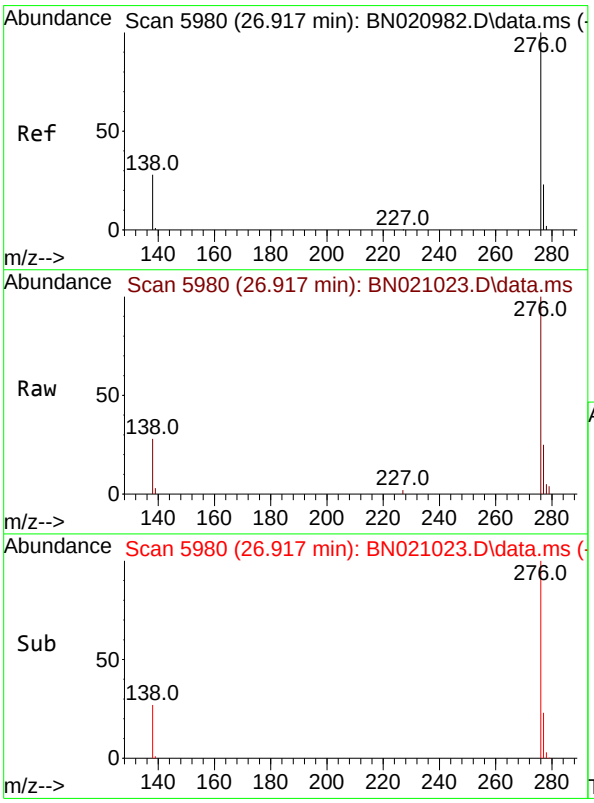
#28
Dibenzo(a,h)anthracene
Concen: 0.390 ng/ul
RT: 26.192 min Scan# 5
Delta R.T. -0.017 min
Lab File: BN021023.D
Acq: 05 Aug 2022 12:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 8548

Ion	Ratio	Lower	Upper
278	100		
139	23.6	18.3	27.5
279	27.5	23.9	35.9





#29
Benzo(g,h,i)perylene
Concen: 0.399 ng/ul
RT: 26.917 min Scan# 5980
Delta R.T. -0.013 min
Lab File: BN021023.D
Acq: 05 Aug 2022 12:47

Tgt Ion:276 Resp: 9873

Ion	Ratio	Lower	Upper
276	100		
138	28.4	22.6	34.0
277	25.0	20.2	30.2