Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053122\
Data File : BN020003.D
Acq On : 31 May 2022 15:30
Operator : CG/JU
Sample : SSTD1.648
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD1.6248

Quant Time: May 31 16:31:38 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN053122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 31 15:19:36 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	4007	0.400	ng/ul	0.00
4) Naphthalene-d8	10.634	136	12431	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.469	164	7263	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.209	188	15094	0.400	ng/ul	0.00
17) Chrysene-d12	21.400	240	13891	0.400	ng/ul	0.00
23) Perylene-d12	23.741	264	11301	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	7202	1.928	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.223	152	32003	1.577	ng/ul	0.00
18) Fluoranthene-d10	19.239	212	66957	1.348	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.345	88	7617	1.954	ng/ul#	71
5) Naphthalene	10.683	128	53503	1.372	ng/ul	98
7) 2-Methylnaphthalene	12.295	142	35525	1.375	ng/ul#	100
8) 1-Methylnaphthalene	12.515	142	37445	1.557	ng/ul#	100
10) Acenaphthylene	14.187	152	52412	1.266	ng/ul	98
11) Acenaphthene	14.530	153	38699	1.380	ng/ul	99
12) Fluorene	15.515	166	44872	1.431	ng/ul	99
14) Pentachlorophenol	16.862	266	4896	1.947	ng/ul	90
15) Phenanthrene	17.247	178	73680	1.388	ng/ul	99
16) Anthracene	17.340	178	67072	1.348	ng/ul	98
19) Fluoranthene	19.267	202	83381	1.203	ng/ul	99
20) Pyrene	19.629	202	81510	1.159	ng/ul	99
21) Benzo(a)anthracene	21.385	228	73677	1.298	ng/ul	99
22) Chrysene	21.435	228	78584	1.370	ng/ul	99
24) Benzo(b)fluoranthene	23.031	252	75540	1.512	ng/ul	88
25) Benzo(k)fluoranthene	23.077	252	73548	1.512	ng/ul	95
26) Benzo(a)pyrene	23.636	252	68252	1.445	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	26.138	276	76986	1.554	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.154	278	63292	1.558	ng/ul#	78
29) Benzo(g,h,i)perylene	26.872	276	64417	1.520	ng/ul	97

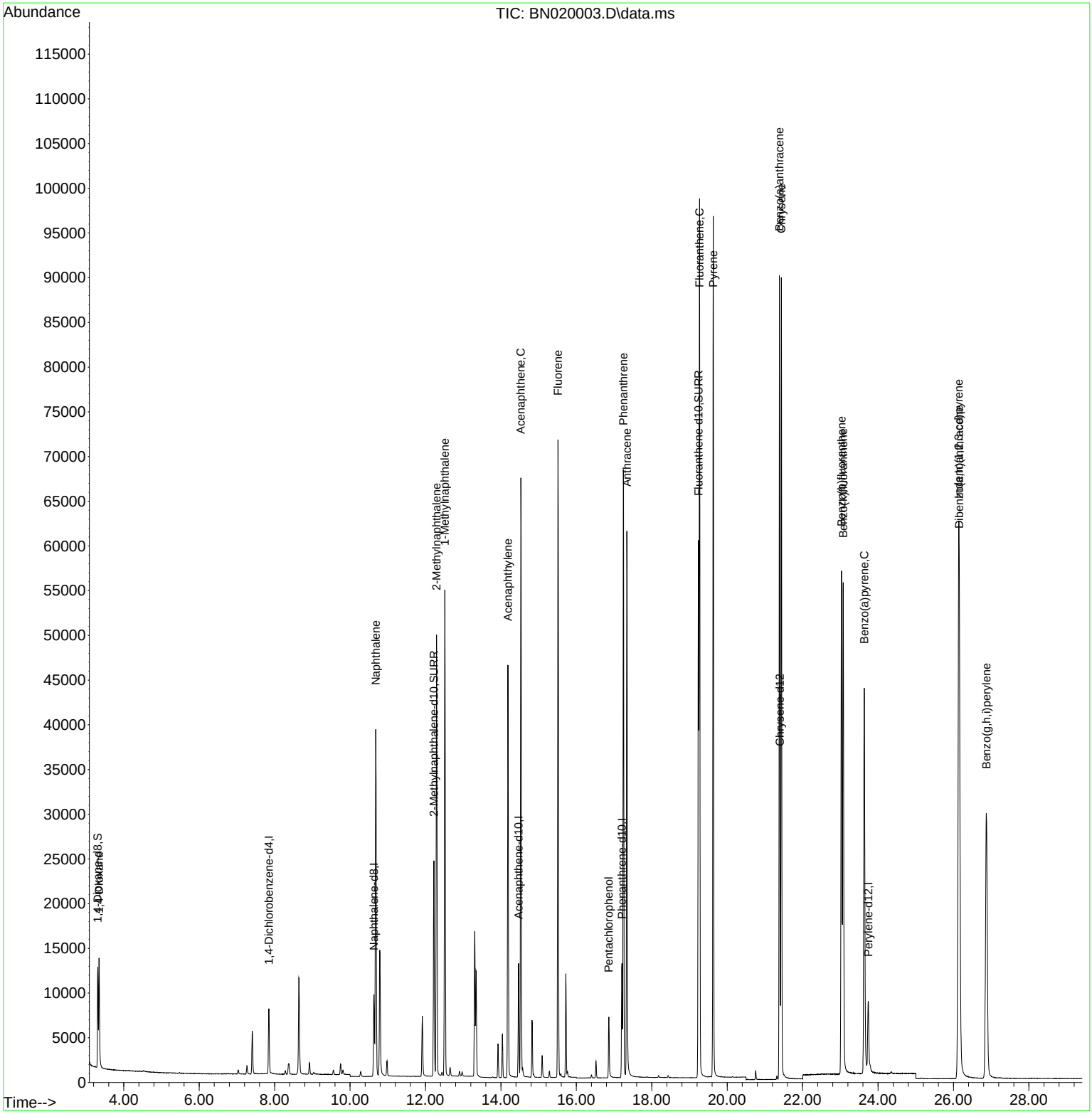
(#) = qualifier out of range (m) = manual integration (+) = signals summed

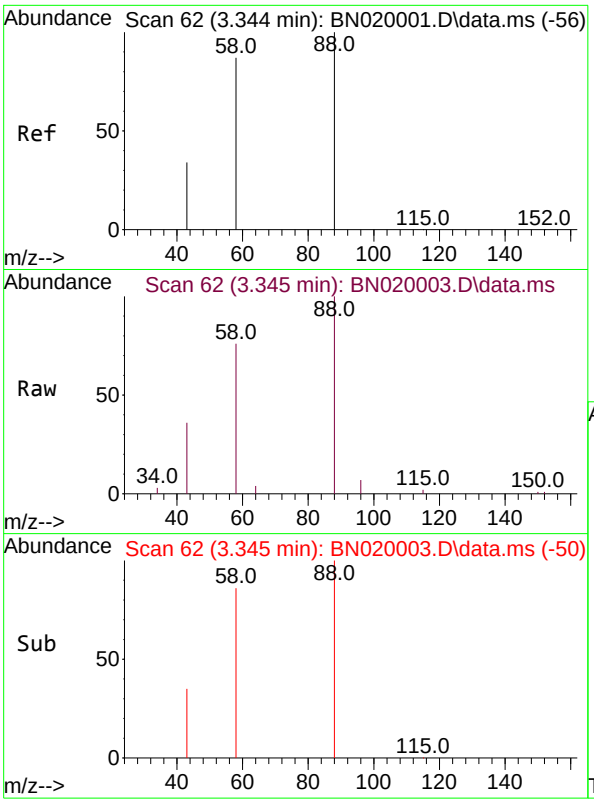
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053122\
Data File : BN020003.D
Acq On : 31 May 2022 15:30
Operator : CG/JU
Sample : SSTD1.648
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD1.6248

Quant Time: May 31 16:31:38 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN053122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 31 15:19:36 2022
Response via : Initial Calibration



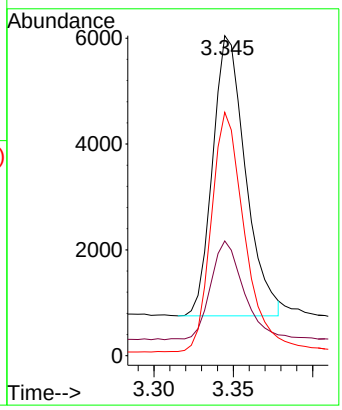


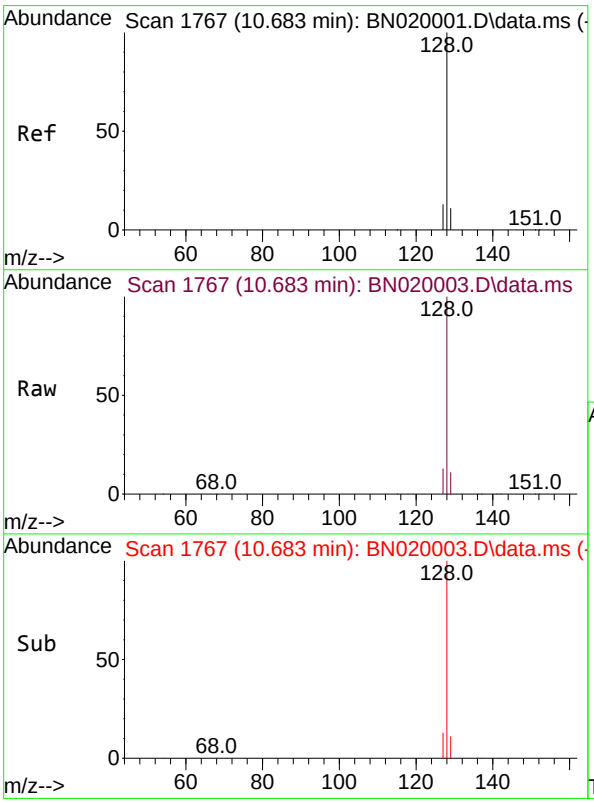
#2
1,4-Dioxane
Concen: 1.954 ng/ul
RT: 3.345 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN020003.D
Acq: 31 May 2022 15:30

Instrument :
BNA_N
ClientSampleId :
SSTD1.6248

Tgt Ion: 88 Resp: 7617

Ion	Ratio	Lower	Upper
88	100		
43	35.9	39.0	58.4#
58	76.1	39.8	59.8#

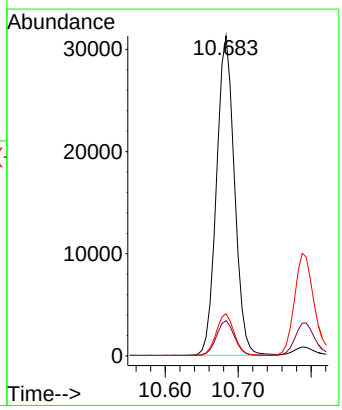


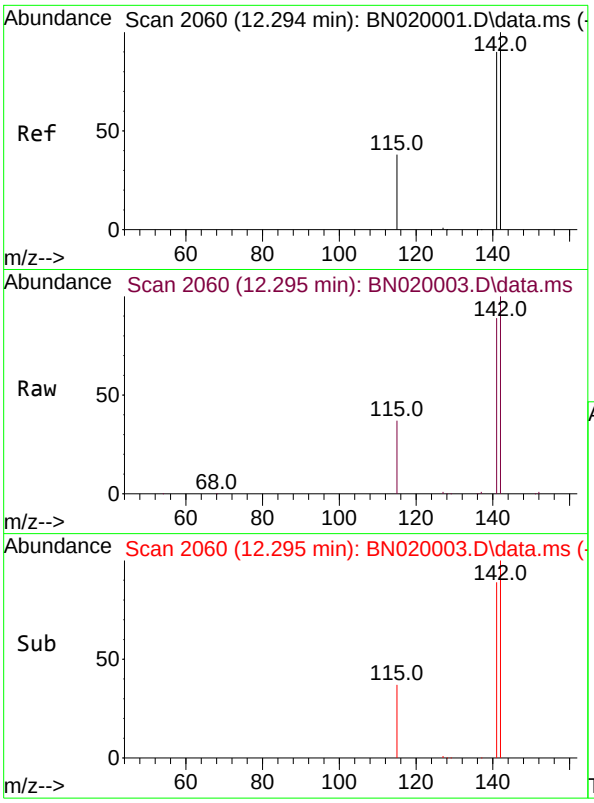


#5
Naphthalene
Concen: 1.372 ng/ul
RT: 10.683 min Scan# 1767
Delta R.T. 0.000 min
Lab File: BN020003.D
Acq: 31 May 2022 15:30

Tgt Ion:128 Resp: 53503

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.5	14.3
127	13.2	11.0	16.4



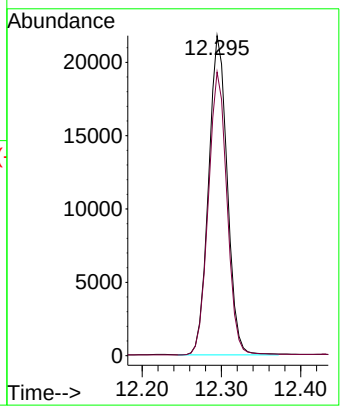


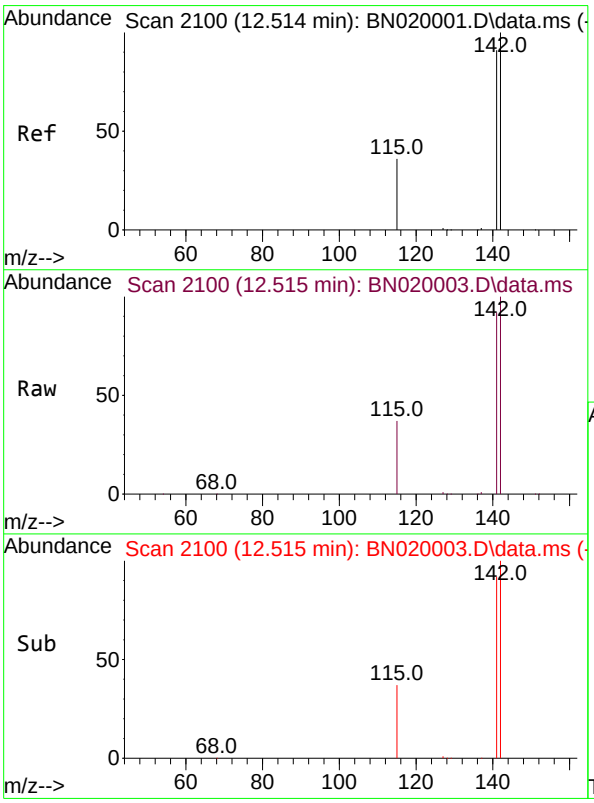
#7
2-Methylnaphthalene
Concen: 1.375 ng/ul
RT: 12.295 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN020003.D
Acq: 31 May 2022 15:30

Instrument :
BNA_N
ClientSampleId :
SSTD1.6248

Tgt Ion:142 Resp: 35525

Ion	Ratio	Lower	Upper
142	100		
141	88.6	0.0	0.0#

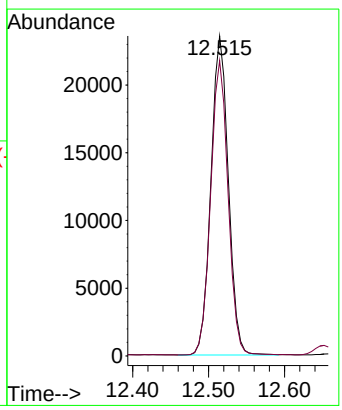


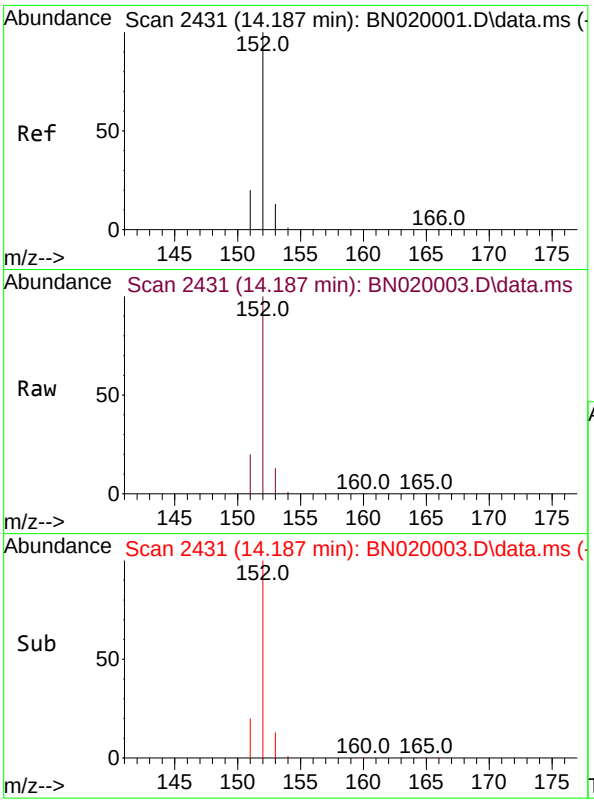


#8
1-Methylnaphthalene
Concen: 1.557 ng/ul
RT: 12.515 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BN020003.D
Acq: 31 May 2022 15:30

Tgt Ion:142 Resp: 37445

Ion	Ratio	Lower	Upper
142	100		
141	92.1	0.0	0.0#



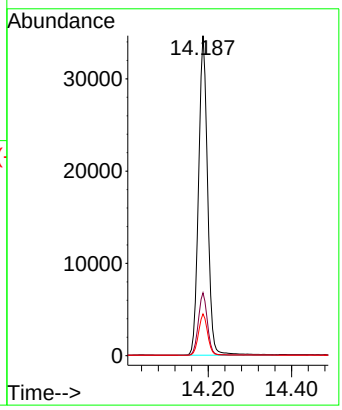


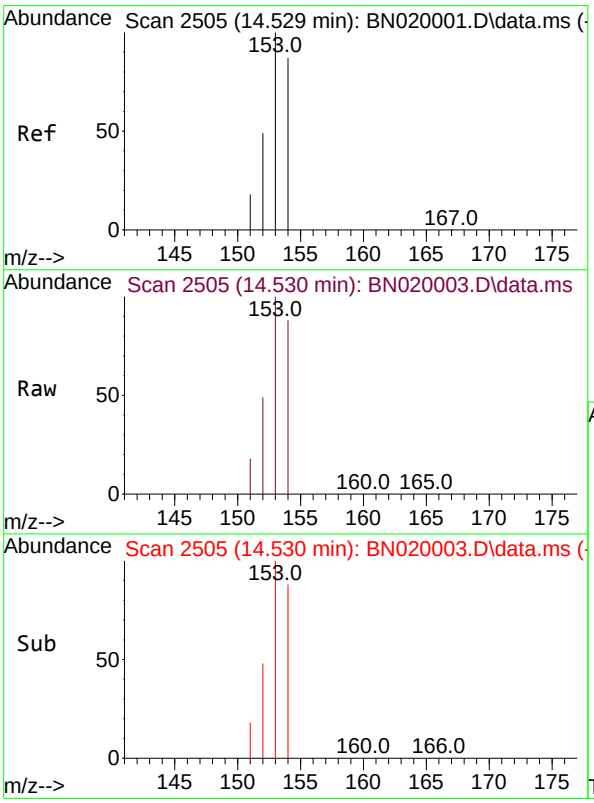
#10
Acenaphthylene
Concen: 1.266 ng/ul
RT: 14.187 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN020003.D
Acq: 31 May 2022 15:30

Instrument :
BNA_N
ClientSampleId :
SSTD1.6248

Tgt Ion:152 Resp: 52412

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.3	24.5
153	13.1	11.1	16.7

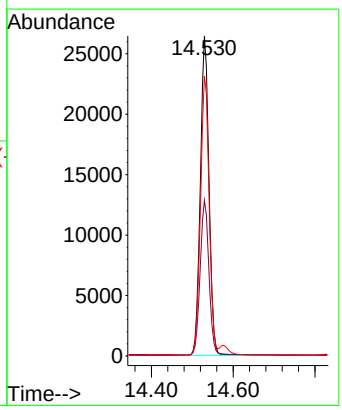


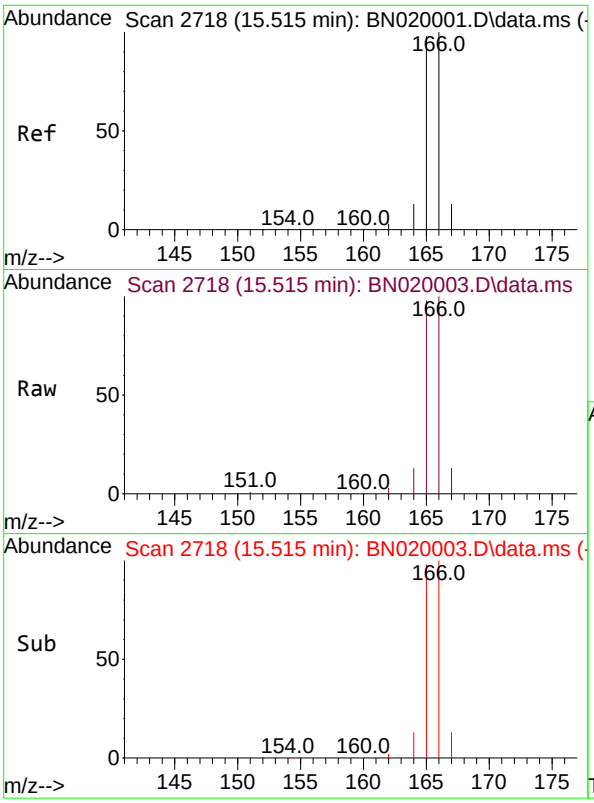


#11
Acenaphthene
Concen: 1.380 ng/ul
RT: 14.530 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BN020003.D
Acq: 31 May 2022 15:30

Tgt Ion:153 Resp: 38699

Ion	Ratio	Lower	Upper
153	100		
152	48.7	38.6	57.8
154	87.5	71.2	106.8



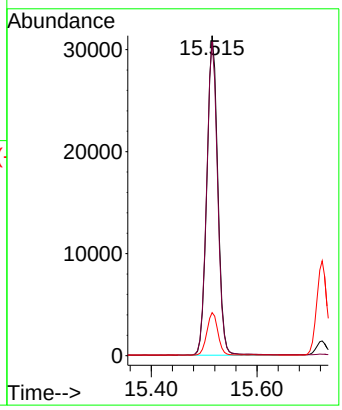


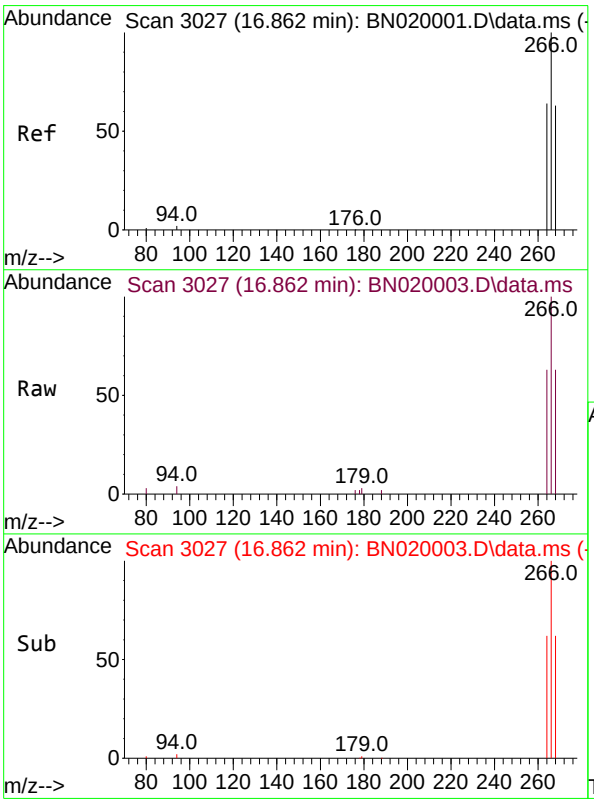
#12
Fluorene
Concen: 1.431 ng/ul
RT: 15.515 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN020003.D
Acq: 31 May 2022 15:30

Instrument :
BNA_N
ClientSampleId :
SSTD1.6248

Tgt Ion:166 Resp: 44872

Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.2	117.2
167	13.5	11.3	16.9

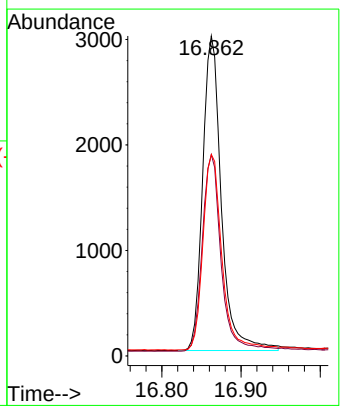


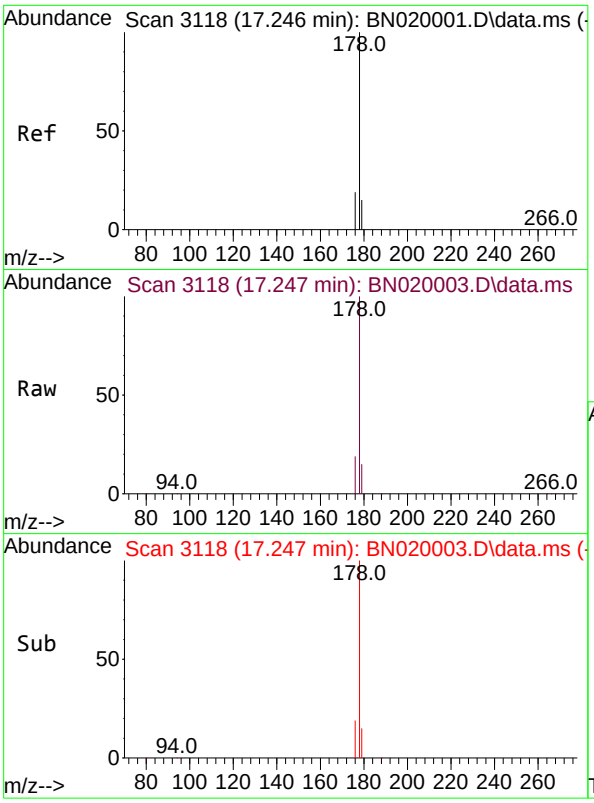


#14
Pentachlorophenol
Concen: 1.947 ng/ul
RT: 16.862 min Scan# 3027
Delta R.T. 0.000 min
Lab File: BN020003.D
Acq: 31 May 2022 15:30

Tgt Ion:266 Resp: 4896

Ion	Ratio	Lower	Upper
266	100		
264	62.8	44.9	67.3
268	63.4	44.6	67.0



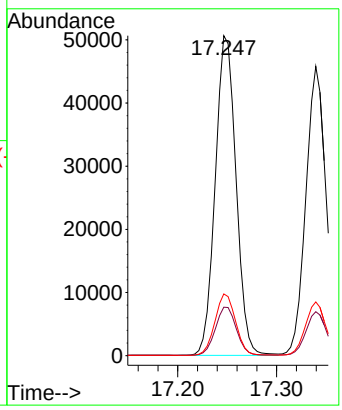


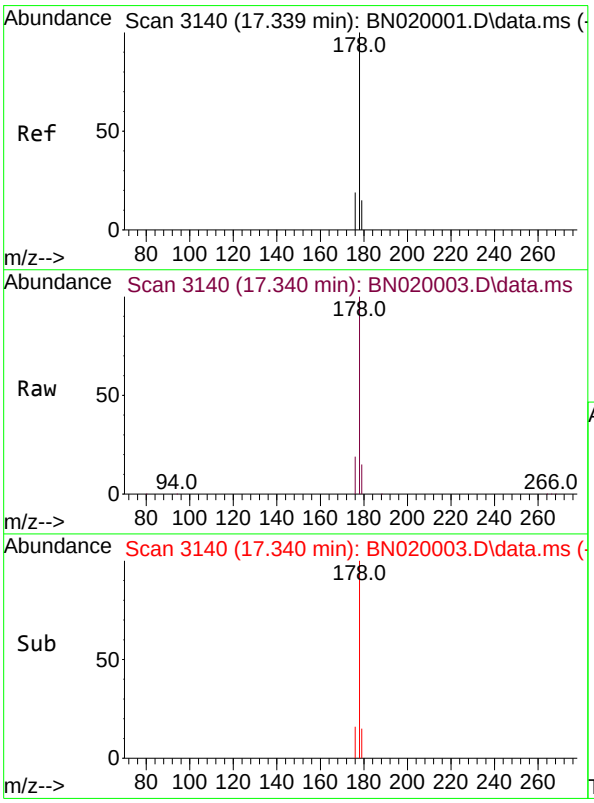
#15
Phenanthrene
Concen: 1.388 ng/ul
RT: 17.247 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN020003.D
Acq: 31 May 2022 15:30

Instrument :
BNA_N
ClientSampleId :
SSTD1.6248

Tgt Ion:178 Resp: 73680

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.9	19.3
176	19.3	15.5	23.3

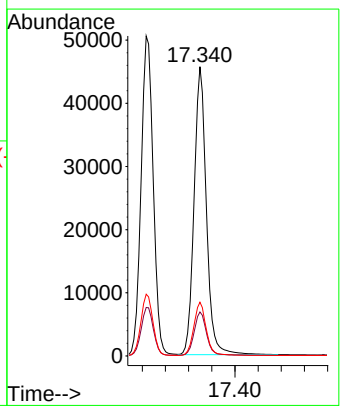


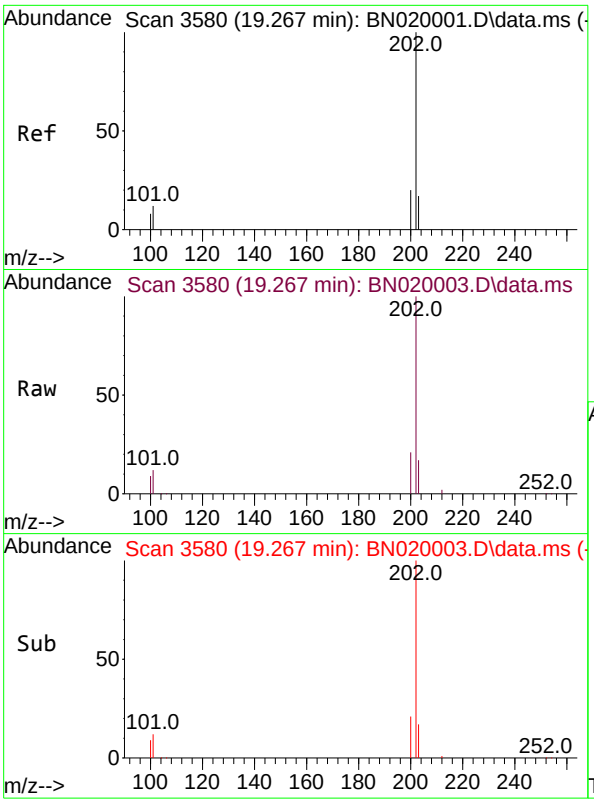


#16
Anthracene
Concen: 1.348 ng/ul
RT: 17.340 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BN020003.D
Acq: 31 May 2022 15:30

Tgt Ion:178 Resp: 67072

Ion	Ratio	Lower	Upper
178	100		
179	15.2	13.1	19.7
176	18.6	15.3	22.9



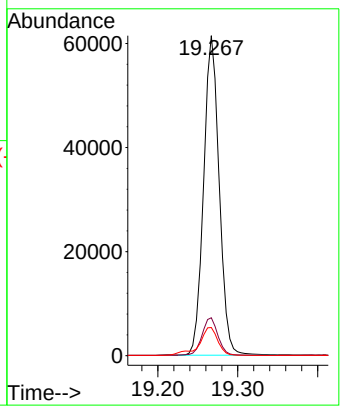


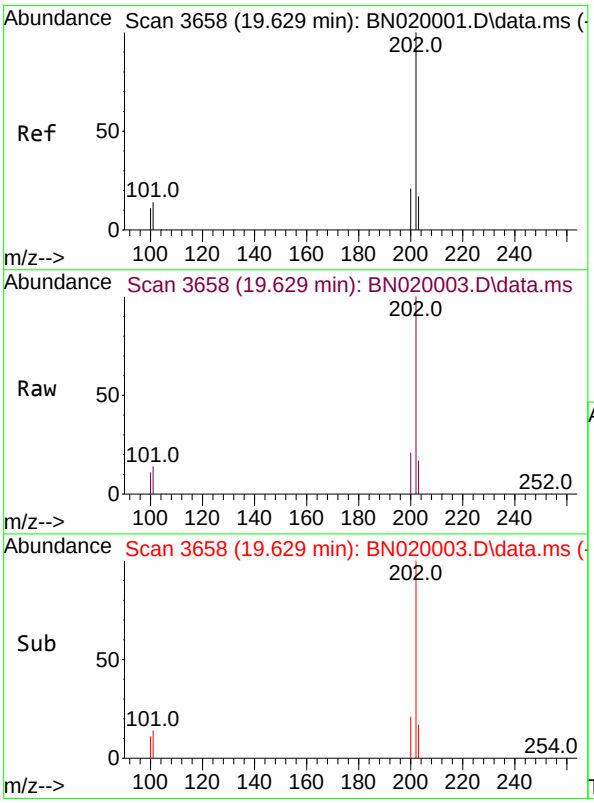
#19
Fluoranthene
Concen: 1.203 ng/ul
RT: 19.267 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN020003.D
Acq: 31 May 2022 15:30

Instrument :
BNA_N
ClientSampleId :
SSTD1.6248

Tgt Ion:202 Resp: 83381

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.7	14.5
100	8.8	7.4	11.2

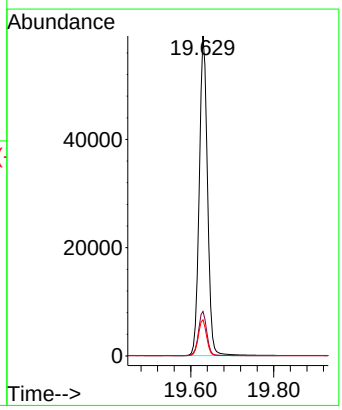


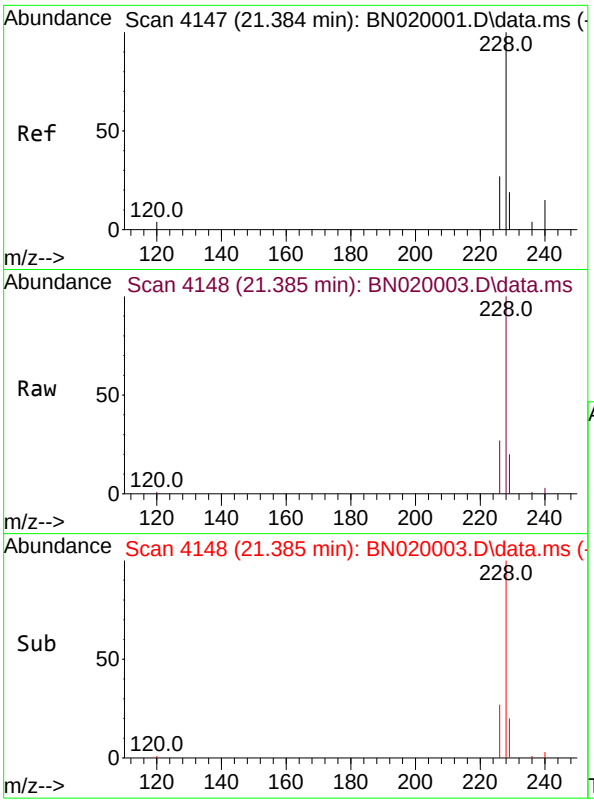


#20
Pyrene
Concen: 1.159 ng/ul
RT: 19.629 min Scan# 3658
Delta R.T. 0.000 min
Lab File: BN020003.D
Acq: 31 May 2022 15:30

Tgt Ion:202 Resp: 81510

Ion	Ratio	Lower	Upper
202	100		
101	13.9	11.4	17.0
100	11.3	9.0	13.4



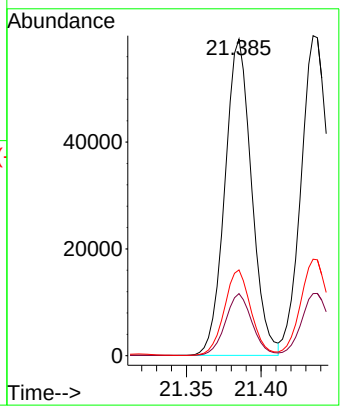


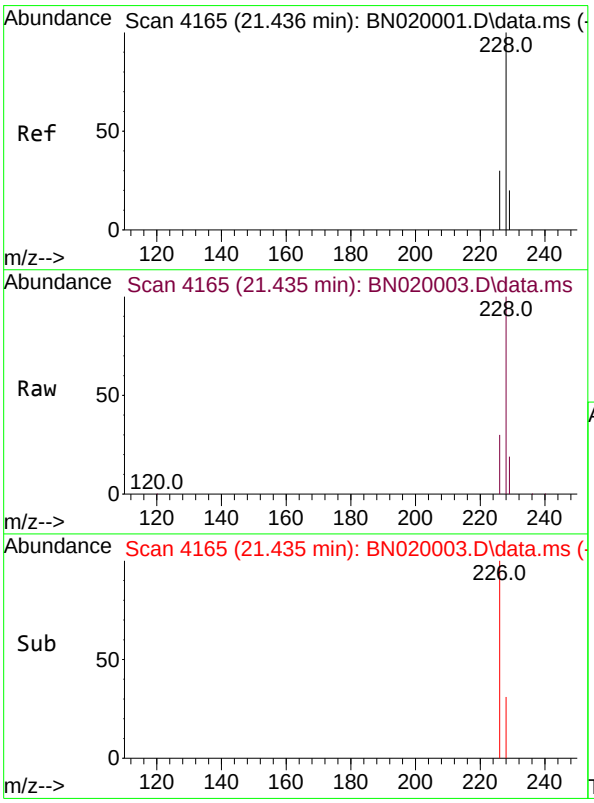
#21
Benzo(a)anthracene
Concen: 1.298 ng/ul
RT: 21.385 min Scan# 4
Delta R.T. 0.001 min
Lab File: BN020003.D
Acq: 31 May 2022 15:30

Instrument :
BNA_N
ClientSampleId :
SSTD1.6248

Tgt Ion:228 Resp: 73677

Ion	Ratio	Lower	Upper
228	100		
229	19.6	16.1	24.1
226	27.1	22.1	33.1

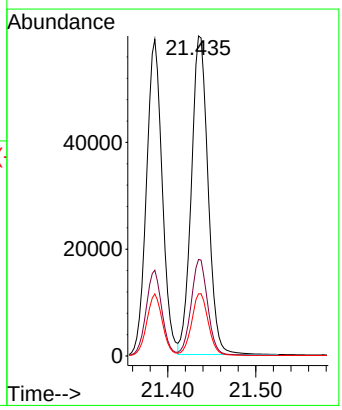


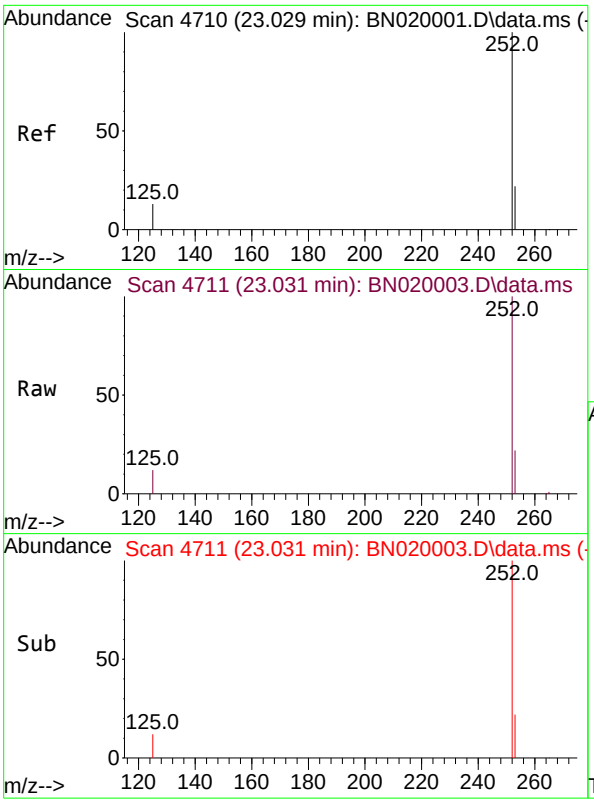


#22
Chrysene
Concen: 1.370 ng/ul
RT: 21.435 min Scan# 4165
Delta R.T. -0.002 min
Lab File: BN020003.D
Acq: 31 May 2022 15:30

Tgt Ion:228 Resp: 78584

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.2
229	19.4	16.0	24.0



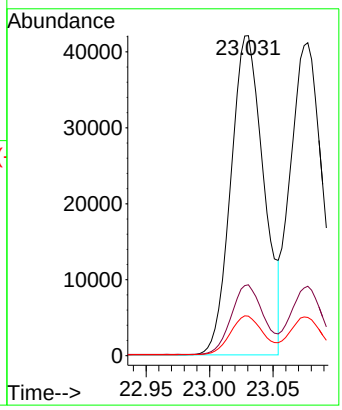


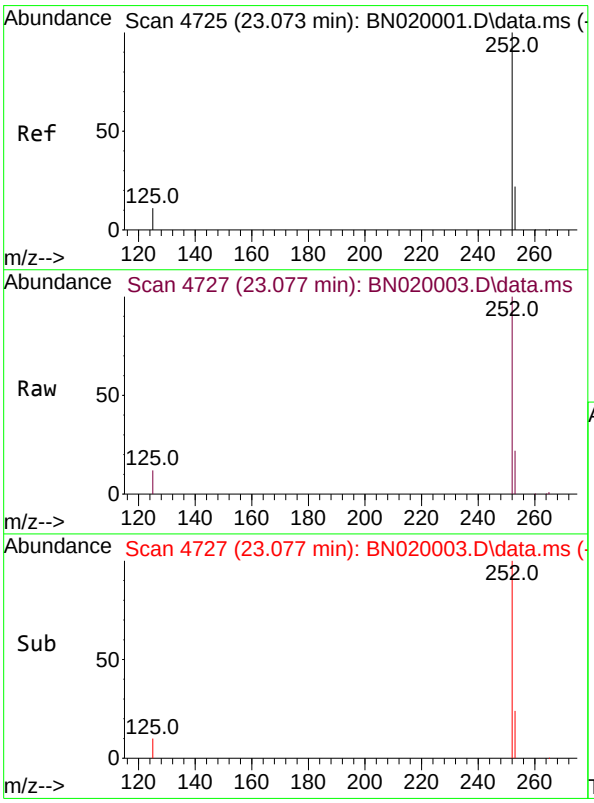
#24
Benzo(b)fluoranthene
Concen: 1.512 ng/ul
RT: 23.031 min Scan# 4
Delta R.T. 0.001 min
Lab File: BN020003.D
Acq: 31 May 2022 15:30

Instrument :
BNA_N
ClientSampleId :
SSTD1.6248

Tgt Ion:252 Resp: 75540

Ion	Ratio	Lower	Upper
252	100		
253	22.2	0.0	52.0
125	12.3	0.0	40.2

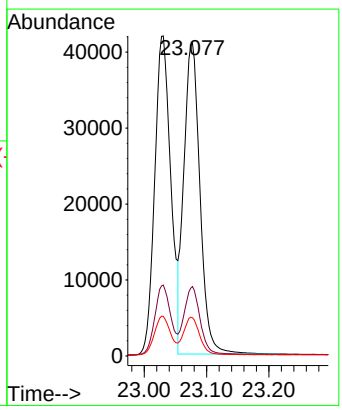


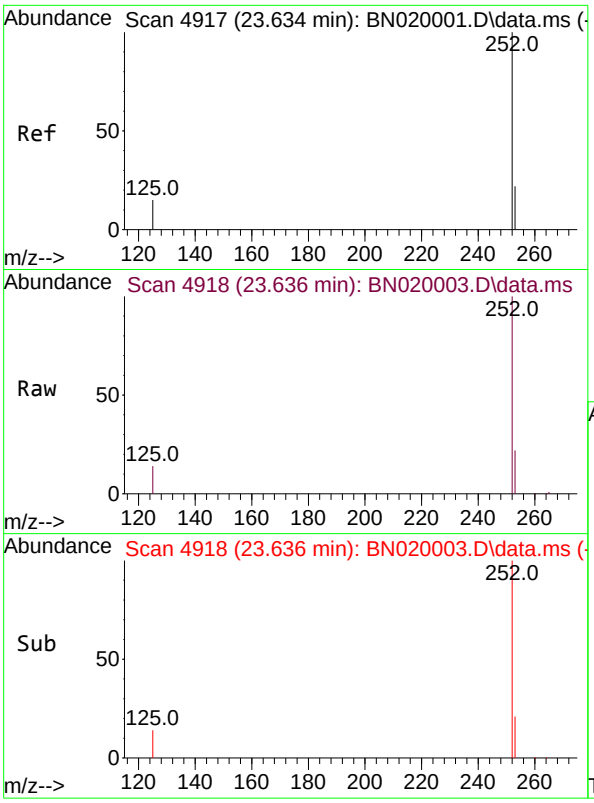


#25
Benzo(k)fluoranthene
Concen: 1.512 ng/ul
RT: 23.077 min Scan# 4727
Delta R.T. 0.004 min
Lab File: BN020003.D
Acq: 31 May 2022 15:30

Tgt Ion:252 Resp: 73548

Ion	Ratio	Lower	Upper
252	100		
253	22.2	20.2	30.2
125	12.2	11.0	16.6



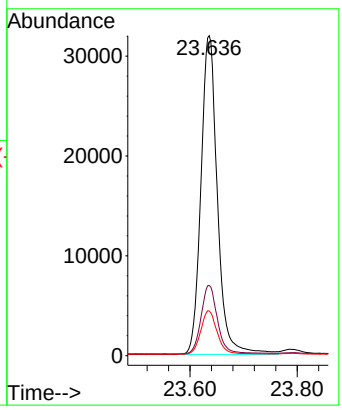


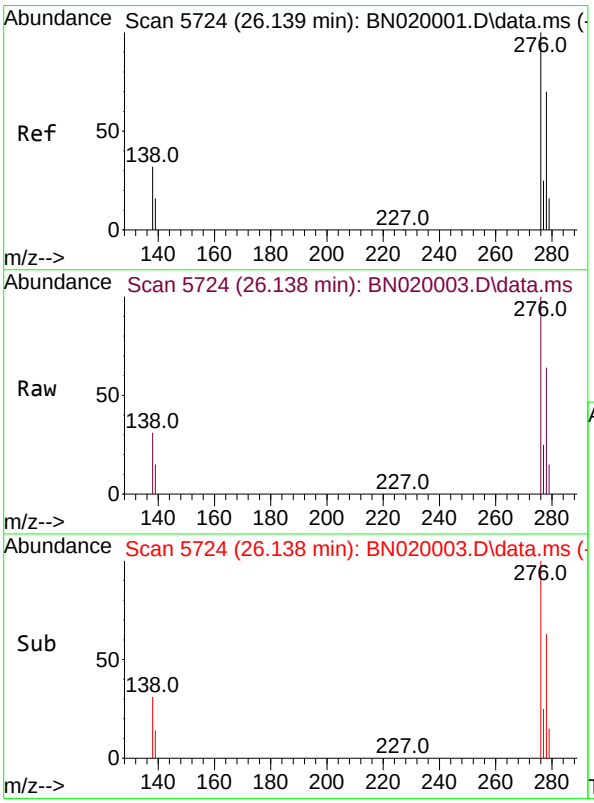
#26
Benzo(a)pyrene
Concen: 1.445 ng/ul
RT: 23.636 min Scan# 4
Delta R.T. 0.001 min
Lab File: BN020003.D
Acq: 31 May 2022 15:30

Instrument :
BNA_N
ClientSampleId :
SSTD1.6248

Tgt Ion:252 Resp: 68252

Ion	Ratio	Lower	Upper
252	100		
253	22.0	23.4	35.0#
125	14.0	28.3	42.5#

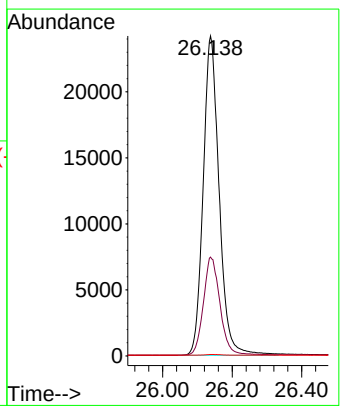


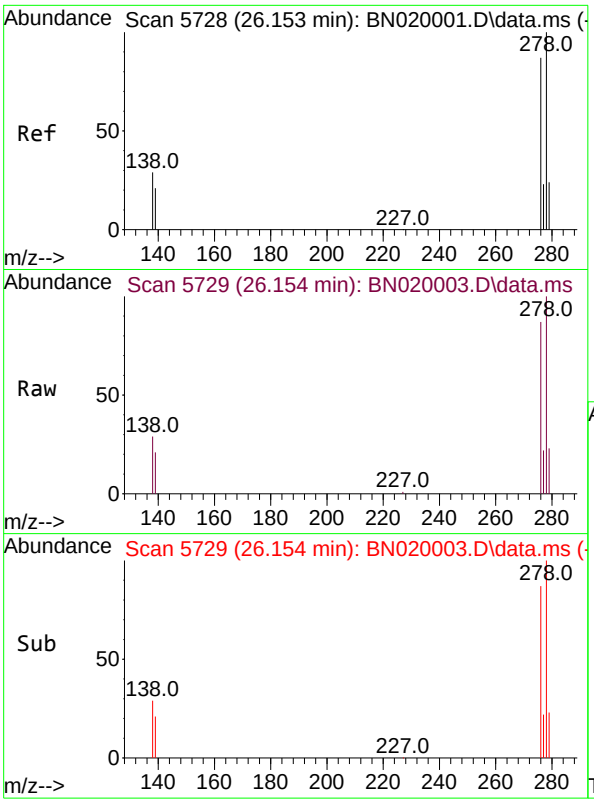


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.554 ng/ul
RT: 26.138 min Scan# 5724
Delta R.T. -0.002 min
Lab File: BN020003.D
Acq: 31 May 2022 15:30

Tgt Ion:276 Resp: 76986

Ion	Ratio	Lower	Upper
276	100		
138	32.0	23.6	35.4
227	0.3	0.0	0.0#



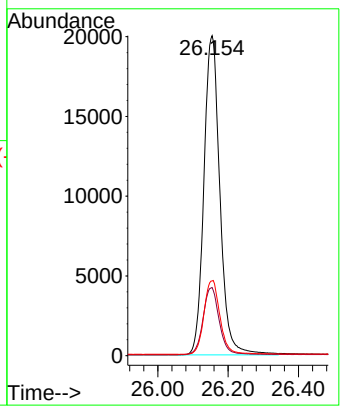


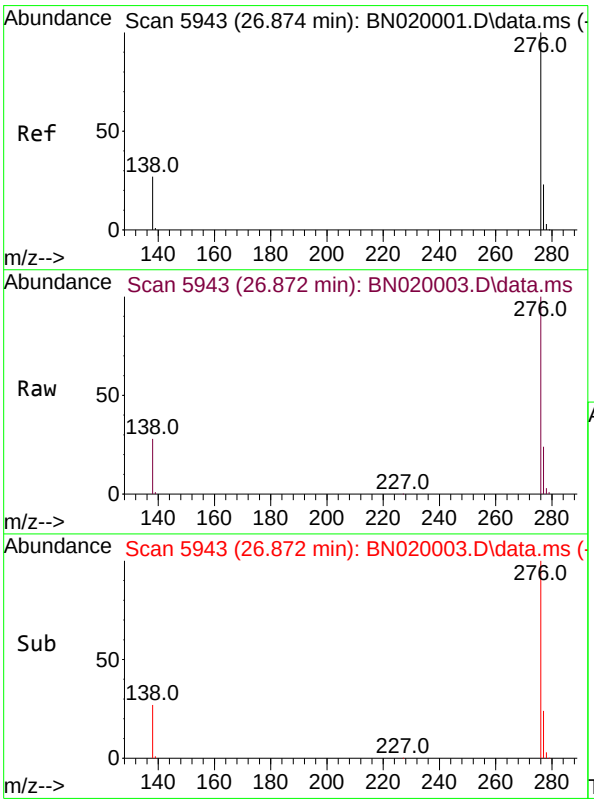
#28
Dibenzo(a,h)anthracene
Concen: 1.558 ng/ul
RT: 26.154 min Scan# 5
Delta R.T. 0.002 min
Lab File: BN020003.D
Acq: 31 May 2022 15:30

Instrument :
BNA_N
ClientSampleId :
SSTD1.6248

Tgt Ion:278 Resp: 63292

Ion	Ratio	Lower	Upper
278	100		
139	21.3	18.6	28.0
279	23.4	35.1	52.7#





#29
Benzo(g,h,i)perylene
Concen: 1.520 ng/ul
RT: 26.872 min Scan# 5943
Delta R.T. -0.002 min
Lab File: BN020003.D
Acq: 31 May 2022 15:30

Tgt Ion:276 Resp: 64417

Ion	Ratio	Lower	Upper
276	100		
138	27.5	20.9	31.3
277	23.8	20.4	30.6