Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
Data File : BN026618.D
Acq On : 21 Jul 2023 07:47
Operator : MA/JU
Sample : 03472-31MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A46Q2MSD

Quant Time: Jul 21 08:18:11 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 22:32:26 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.836	152	1712	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.636	136	6130	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.472	164	3768	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.219	188	9320	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.416	240	9305	0.400	ng/ul	0.00
23) Perylene-d12	23.790	264	9149	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.203	96	671	0.298	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.231	152	2445	0.293	ng/ul	-0.02
18) Fluoranthene-d10	19.250	212	9708	0.301	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.237	88	1952	0.915	ng/ul#	88
5) Naphthalene	10.685	128	4896	0.291	ng/ul	97
7) 2-Methylnaphthalene	12.302	142	3241	0.339	ng/ul	99
8) 1-Methylnaphthalene	12.517	142	3629	0.355	ng/ul	99
10) Acenaphthylene	14.199	152	6111	0.331	ng/ul	100
11) Acenaphthene	14.532	153	4557	0.324	ng/ul	99
12) Fluorene	15.526	166	5864	0.398	ng/ul	100
14) Pentachlorophenol	16.886	266	788	0.335	ng/ul	98
15) Phenanthrene	17.261	178	17841	0.601	ng/ul	99
16) Anthracene	17.358	178	5819	0.226	ng/ul	98
19) Fluoranthene	19.278	202	32283	0.740	ng/ul	99
20) Pyrene	19.641	202	39403	0.832	ng/ul#	96
21) Benzo(a)anthracene	21.399	228	23277	0.681	ng/ul	99
22) Chrysene	21.454	228	28144	0.723	ng/ul	99
24) Benzo(b)fluoranthene	23.071	252	29806	0.836	ng/ul	90
25) Benzo(k)fluoranthene	23.117	252	22424	0.600	ng/ul#	89
26) Benzo(a)pyrene	23.688	252	7294	0.230	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.244	276	23349	0.561	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.258	278	14792	0.463	ng/ul#	91
29) Benzo(g,h,i)perylene	26.999	276	20236	0.551	ng/ul	95

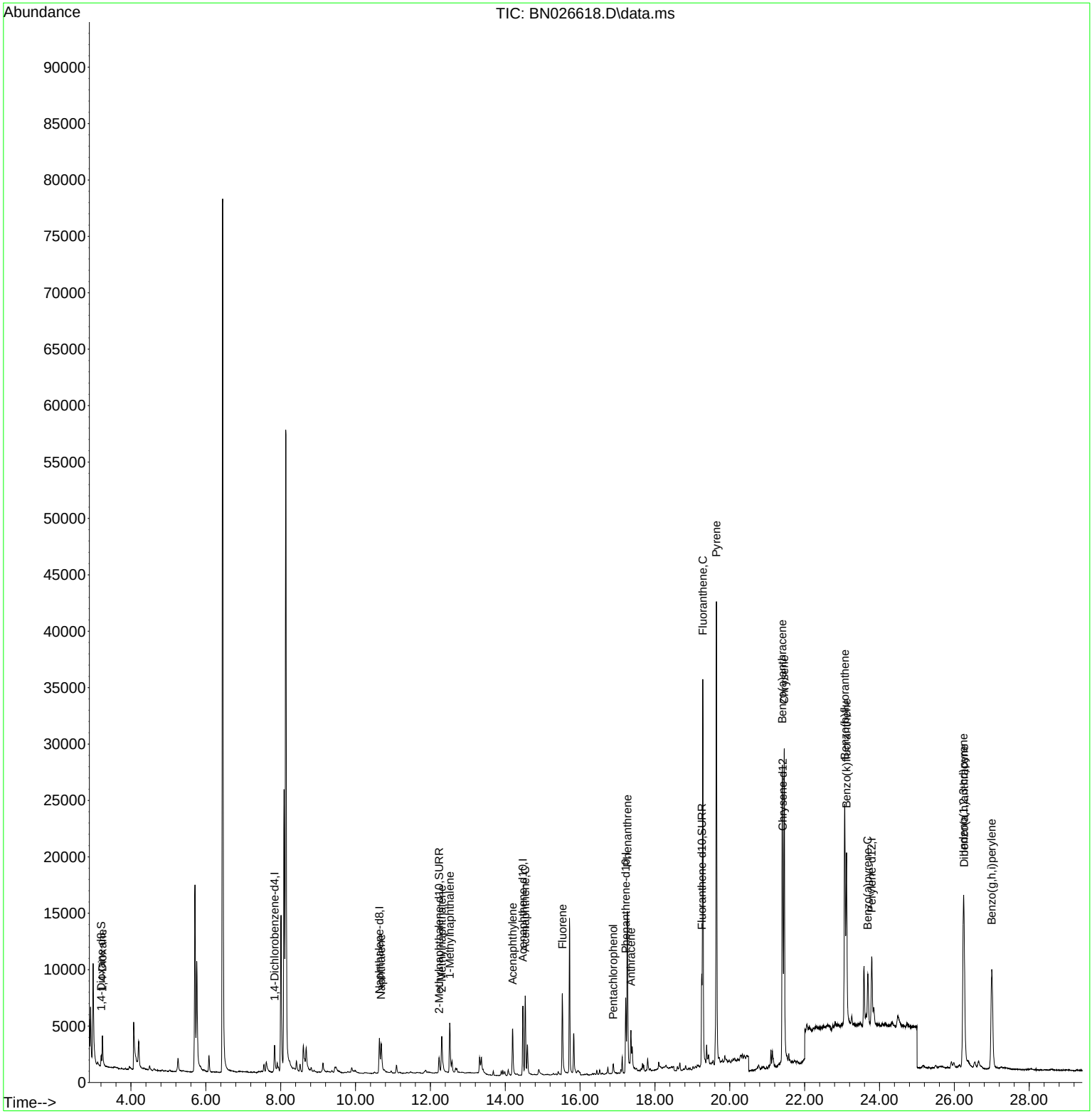
(#) = qualifier out of range (m) = manual integration (+) = signals summed

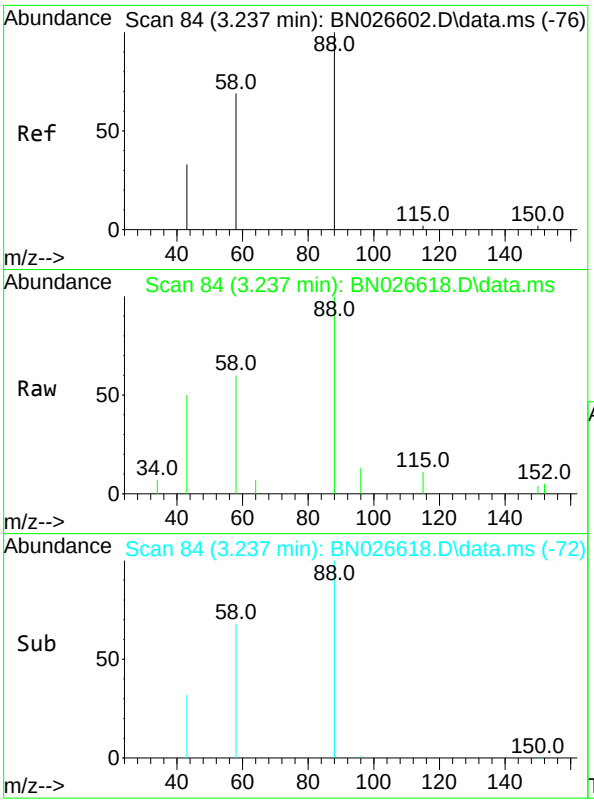
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
Data File : BN026618.D
Acq On : 21 Jul 2023 07:47
Operator : MA/JU
Sample : 03472-31MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A46Q2MSD

Quant Time: Jul 21 08:18:11 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 22:32:26 2023
Response via : Initial Calibration



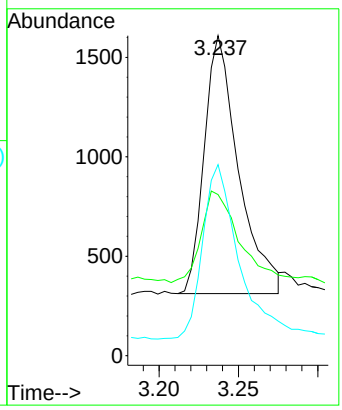


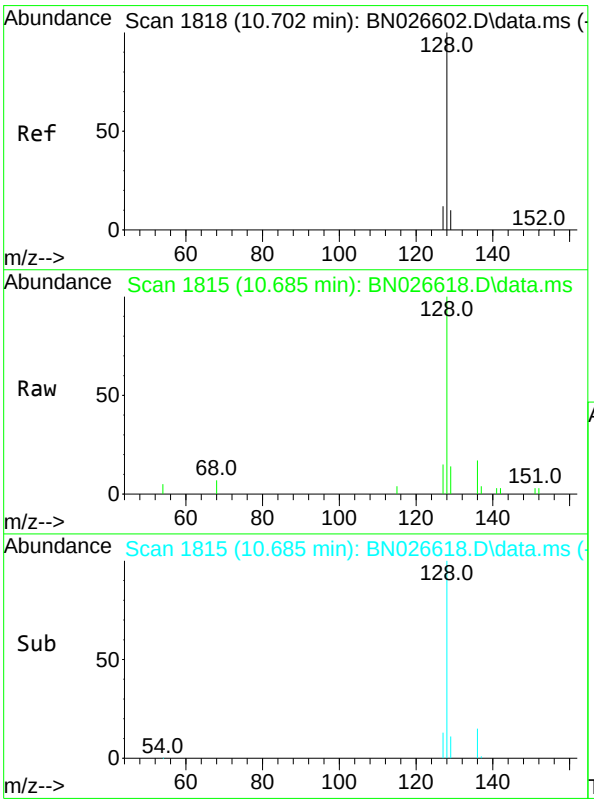
#2
1,4-Dioxane
Concen: 0.915 ng/ul
RT: 3.237 min Scan# 8
Delta R.T. -0.000 min
Lab File: BN026618.D
Acq: 21 Jul 2023 07:47

Instrument :
BNA_N
ClientSampleId :
A46Q2MSD

Tgt Ion: 88 Resp: 1952

Ion	Ratio	Lower	Upper
88	100		
43	50.3	33.0	49.6#
58	59.7	41.7	62.5

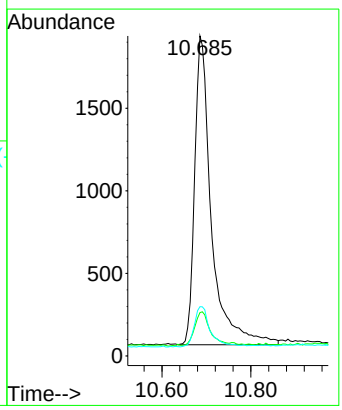


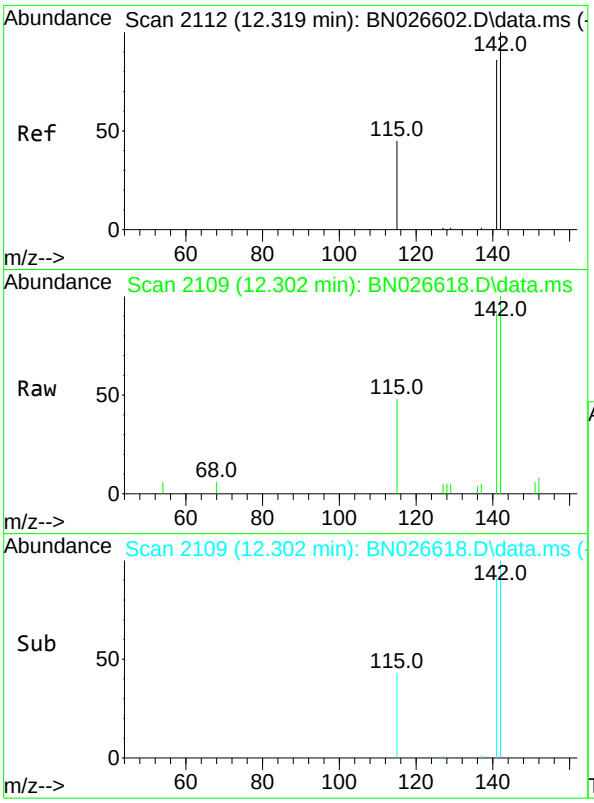


#5
Naphthalene
Concen: 0.291 ng/ul
RT: 10.685 min Scan# 1815
Delta R.T. -0.017 min
Lab File: BN026618.D
Acq: 21 Jul 2023 07:47

Tgt Ion:128 Resp: 4896

Ion	Ratio	Lower	Upper
128	100		
129	13.6	10.2	15.2
127	15.4	11.4	17.0



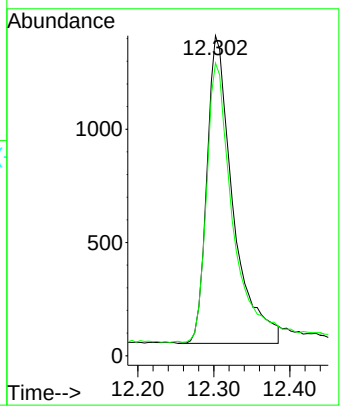


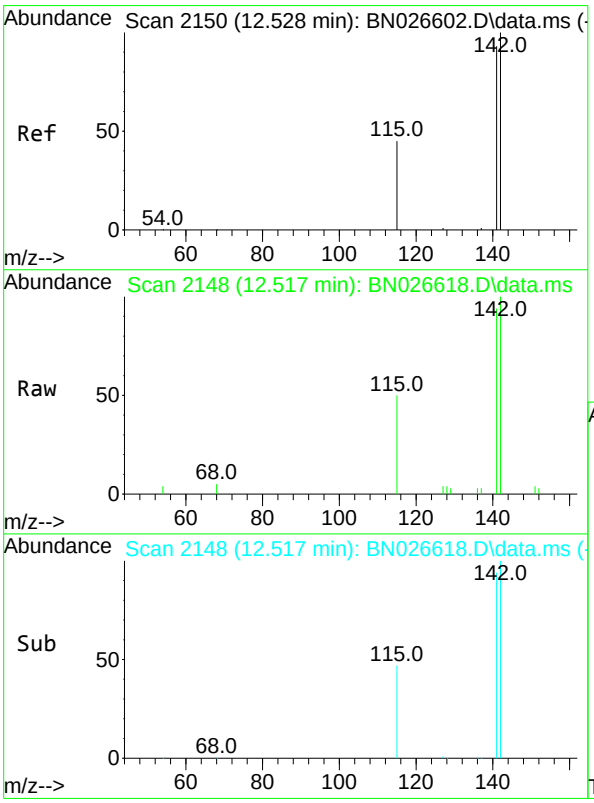
#7
2-Methylnaphthalene
Concen: 0.339 ng/ul
RT: 12.302 min Scan# 21
Delta R.T. -0.017 min
Lab File: BN026618.D
Acq: 21 Jul 2023 07:47

Instrument :
BNA_N
ClientSampleId :
A46Q2MSD

Tgt Ion:142 Resp: 3241

Ion	Ratio	Lower	Upper
142	100		
141	91.0	72.3	108.5

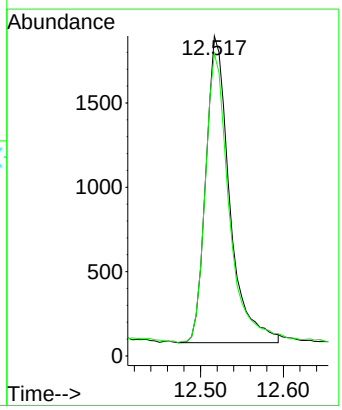


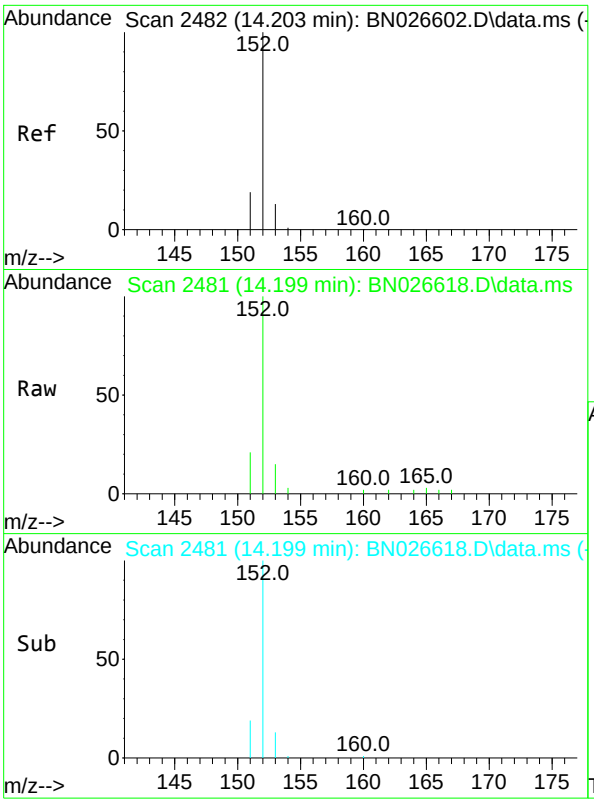


#8
1-Methylnaphthalene
Concen: 0.355 ng/ul
RT: 12.517 min Scan# 2148
Delta R.T. -0.011 min
Lab File: BN026618.D
Acq: 21 Jul 2023 07:47

Tgt Ion:142 Resp: 3629

Ion	Ratio	Lower	Upper
142	100		
141	94.0	74.5	111.7



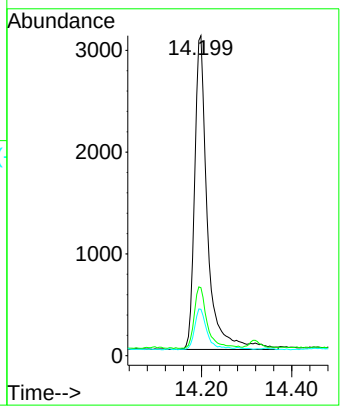


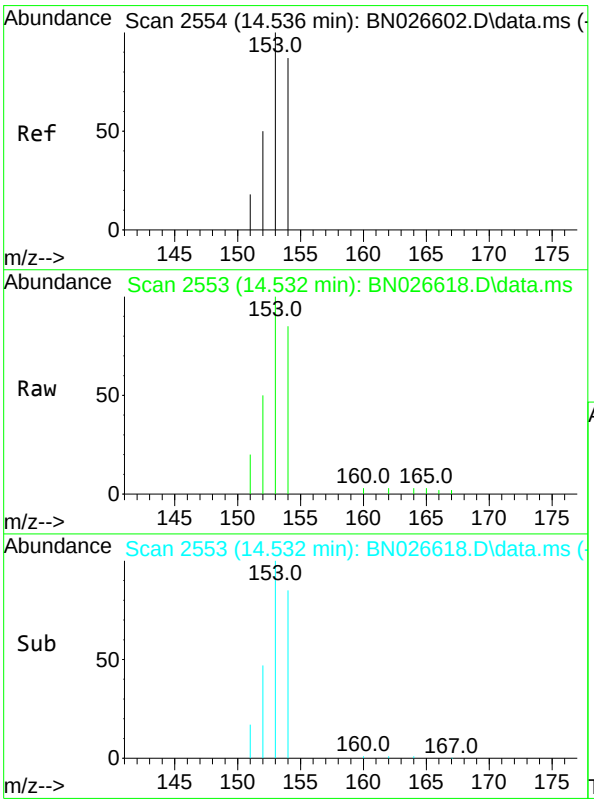
#10
Acenaphthylene
Concen: 0.331 ng/ul
RT: 14.199 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN026618.D
Acq: 21 Jul 2023 07:47

Instrument :
BNA_N
ClientSampleId :
A46Q2MSD

Tgt Ion:152 Resp: 6111

Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.0	25.6
153	14.5	11.4	17.2

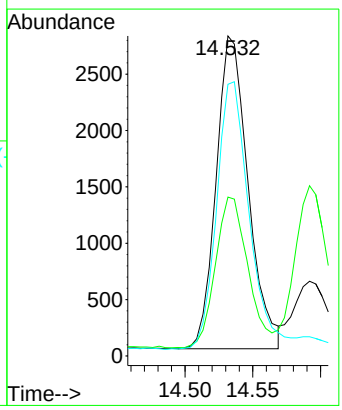


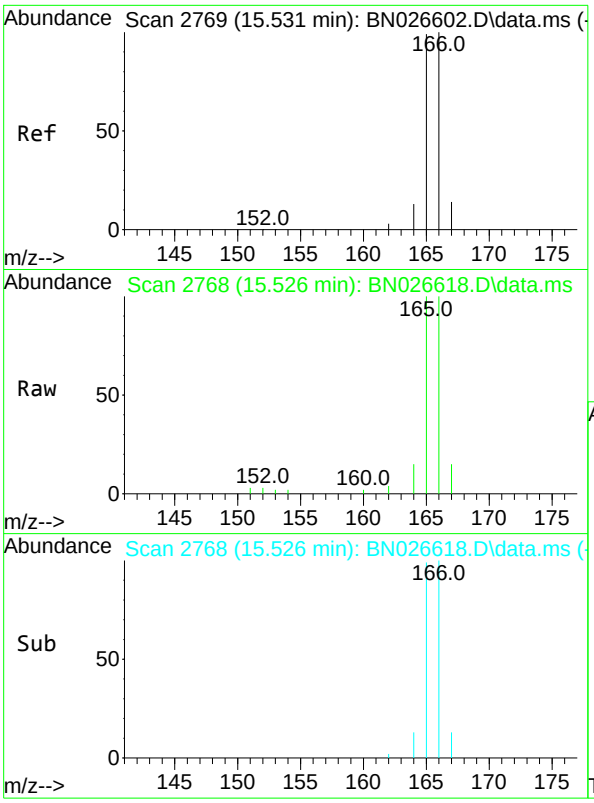


#11
Acenaphthene
Concen: 0.324 ng/ul
RT: 14.532 min Scan# 2553
Delta R.T. -0.005 min
Lab File: BN026618.D
Acq: 21 Jul 2023 07:47

Tgt Ion:153 Resp: 4557

Ion	Ratio	Lower	Upper
153	100		
152	49.7	40.2	60.4
154	84.9	69.3	103.9



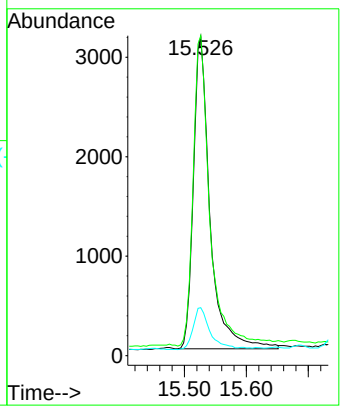


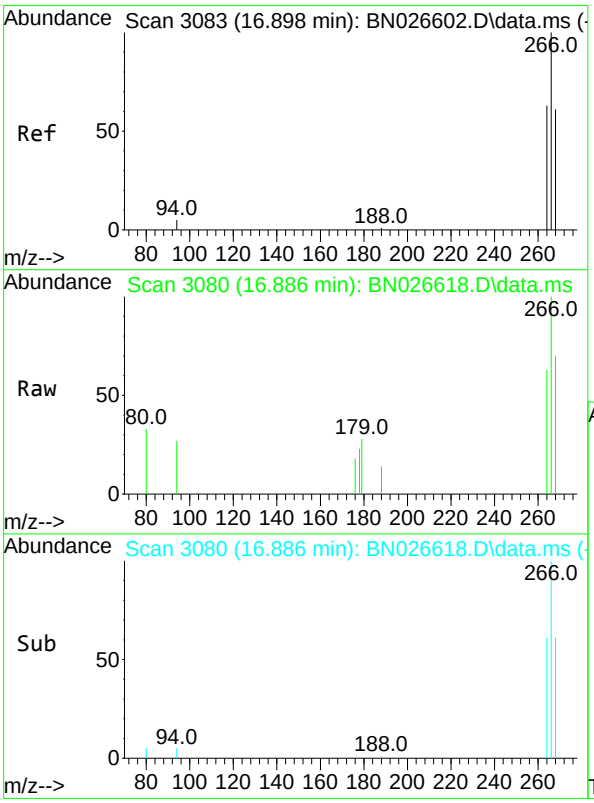
#12
Fluorene
Concen: 0.398 ng/ul
RT: 15.526 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN026618.D
Acq: 21 Jul 2023 07:47

Instrument :
BNA_N
ClientSampleId :
A46Q2MSD

Tgt Ion:166 Resp: 5864

Ion	Ratio	Lower	Upper
166	100		
165	100.3	80.6	120.8
167	15.1	12.0	18.0

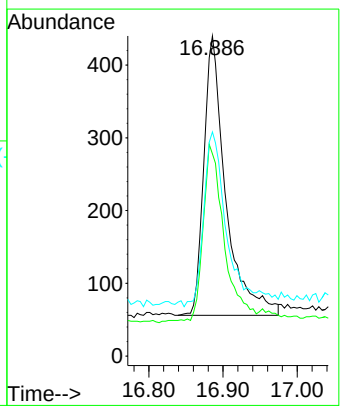


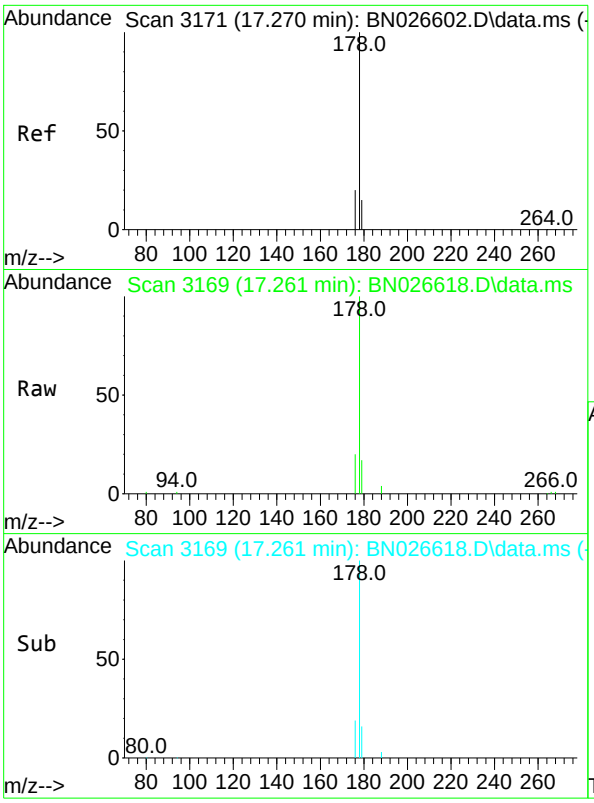


#14
Pentachlorophenol
Concen: 0.335 ng/ul
RT: 16.886 min Scan# 3080
Delta R.T. -0.013 min
Lab File: BN026618.D
Acq: 21 Jul 2023 07:47

Tgt Ion:266 Resp: 788

Ion	Ratio	Lower	Upper
266	100		
264	62.7	52.0	78.0
268	66.9	53.0	79.6



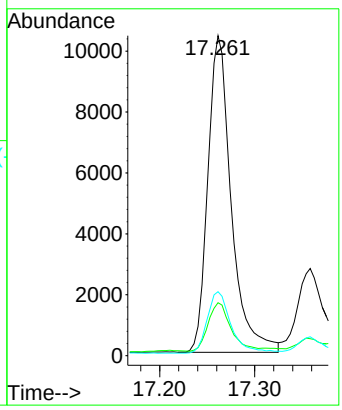


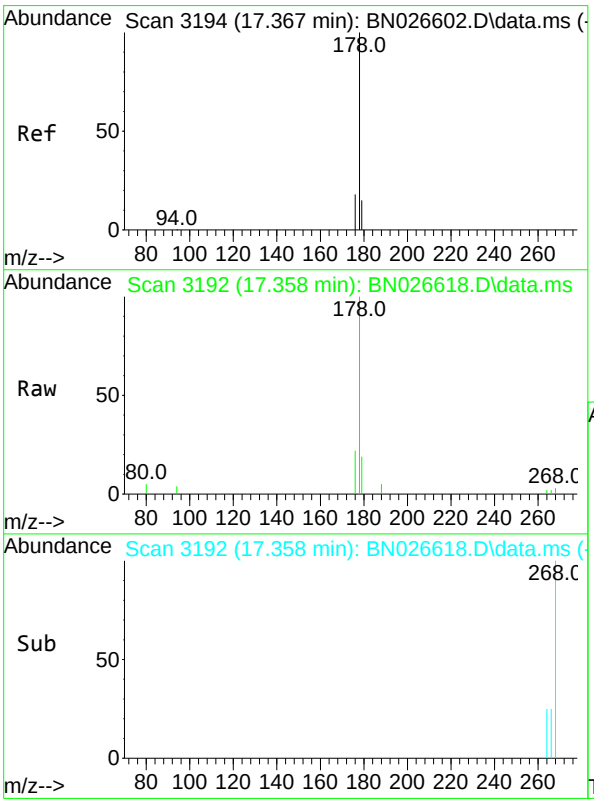
#15
Phenanthrene
Concen: 0.601 ng/ul
RT: 17.261 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN026618.D
Acq: 21 Jul 2023 07:47

Instrument :
BNA_N
ClientSampleId :
A46Q2MSD

Tgt Ion:178 Resp: 17841

Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.7	20.5
176	20.0	16.5	24.7

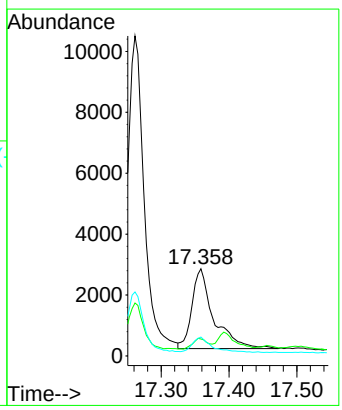


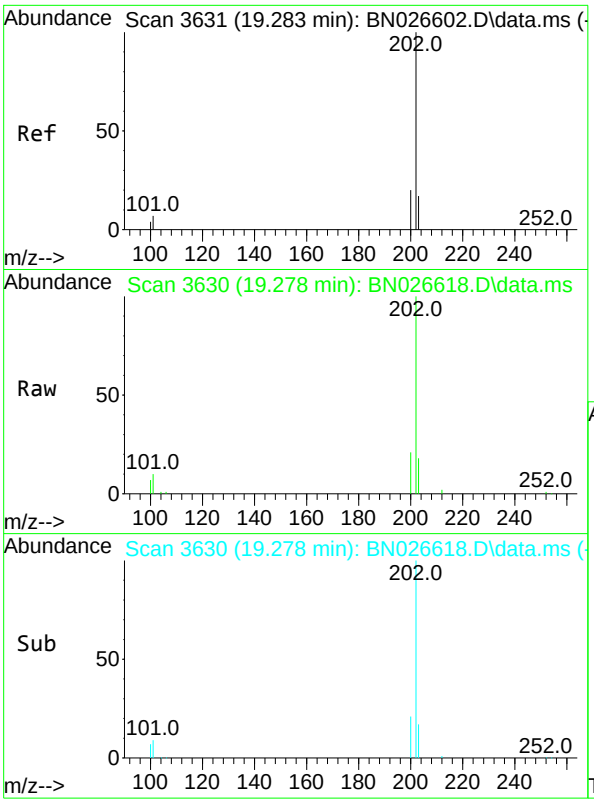


#16
Anthracene
Concen: 0.226 ng/ul
RT: 17.358 min Scan# 3192
Delta R.T. -0.009 min
Lab File: BN026618.D
Acq: 21 Jul 2023 07:47

Tgt Ion:178 Resp: 5819

Ion	Ratio	Lower	Upper
178	100		
179	19.5	14.8	22.2
176	21.6	16.6	25.0



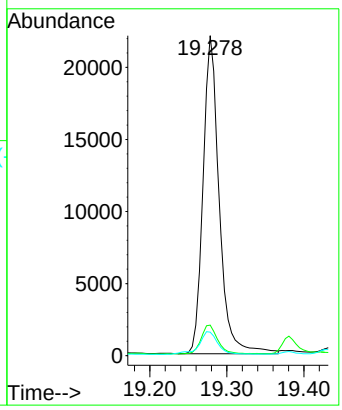


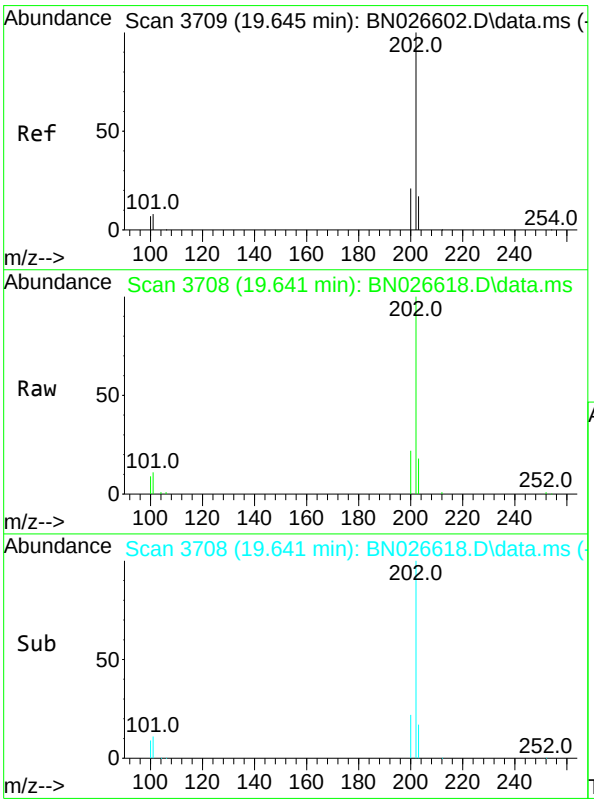
#19
Fluoranthene
Concen: 0.740 ng/ul
RT: 19.278 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN026618.D
Acq: 21 Jul 2023 07:47

Instrument :
BNA_N
ClientSampleId :
A46Q2MSD

Tgt Ion:202 Resp: 32283

Ion	Ratio	Lower	Upper
202	100		
101	9.5	7.0	10.4
100	7.4	6.0	9.0

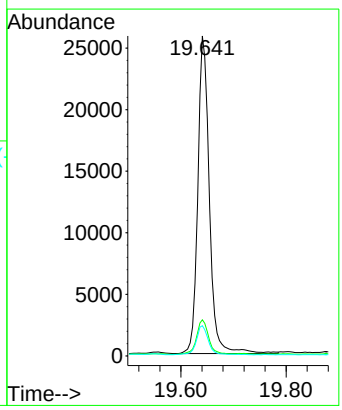


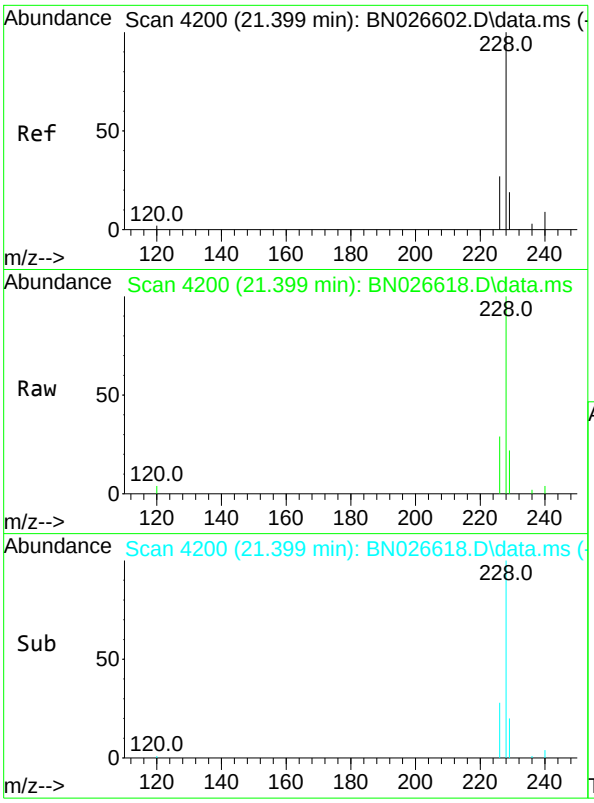


#20
Pyrene
Concen: 0.832 ng/ul
RT: 19.641 min Scan# 3708
Delta R.T. -0.005 min
Lab File: BN026618.D
Acq: 21 Jul 2023 07:47

Tgt Ion:202 Resp: 39403

Ion	Ratio	Lower	Upper
202	100		
101	11.3	8.0	12.0
100	9.5	6.2	9.2#



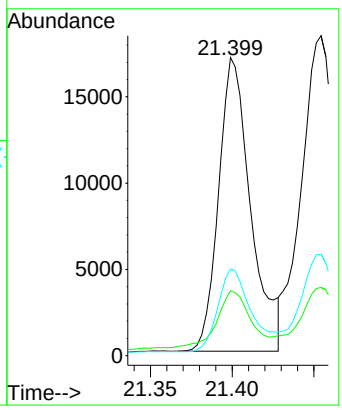


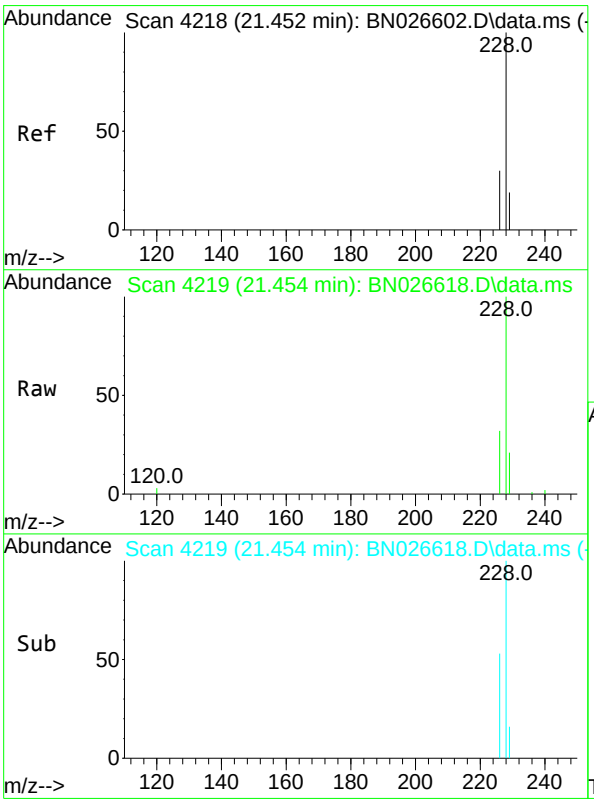
#21
Benzo(a)anthracene
Concen: 0.681 ng/ul
RT: 21.399 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN026618.D
Acq: 21 Jul 2023 07:47

Instrument :
BNA_N
ClientSampleId :
A46Q2MSD

Tgt Ion:228 Resp: 23277

Ion	Ratio	Lower	Upper
228	100		
229	21.7	16.7	25.1
226	29.0	23.5	35.3

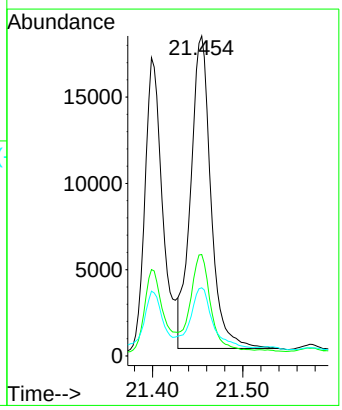


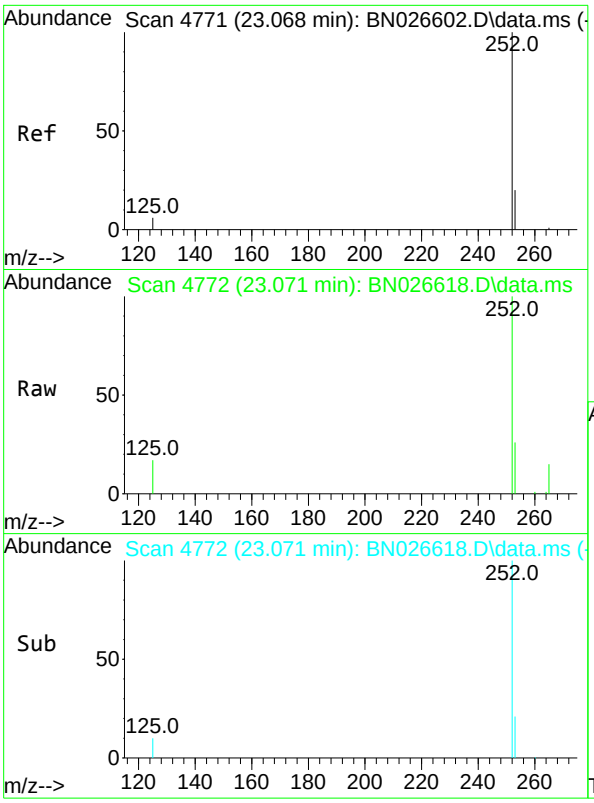


#22
Chrysene
Concen: 0.723 ng/ul
RT: 21.454 min Scan# 4219
Delta R.T. 0.003 min
Lab File: BN026618.D
Acq: 21 Jul 2023 07:47

Tgt Ion:228 Resp: 28144

Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.2	37.8
229	21.3	16.4	24.6



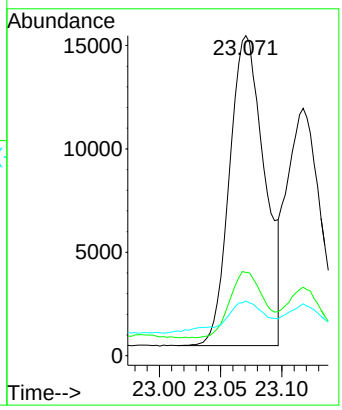


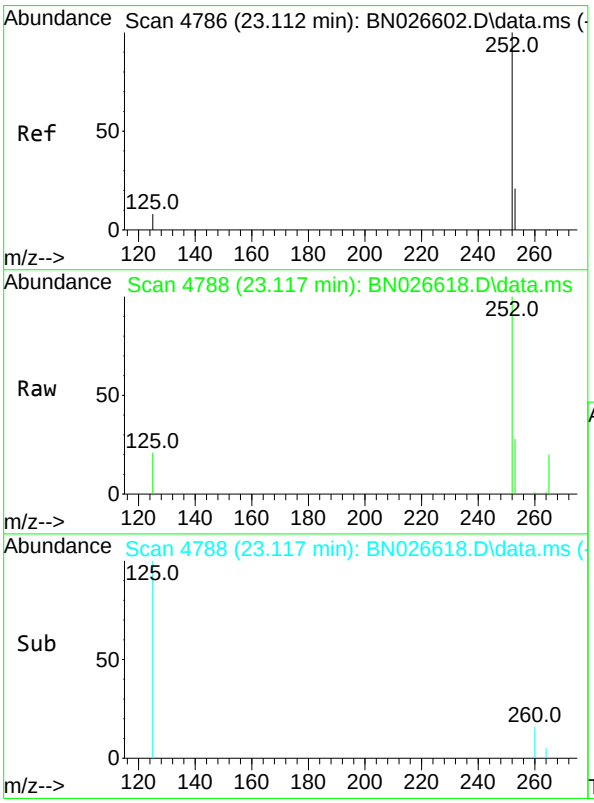
#24
Benzo(b)fluoranthene
Concen: 0.836 ng/ul
RT: 23.071 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN026618.D
Acq: 21 Jul 2023 07:47

Instrument :
BNA_N
ClientSampleId :
A46Q2MSD

Tgt Ion:252 Resp: 29806

Ion	Ratio	Lower	Upper
252	100		
253	26.0	0.0	68.6
125	17.1	0.0	34.0

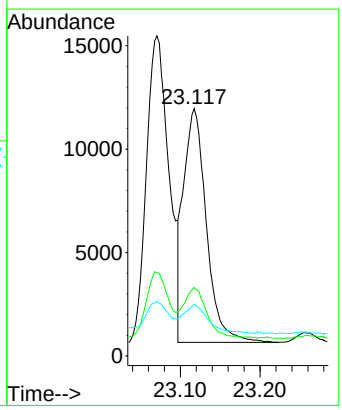


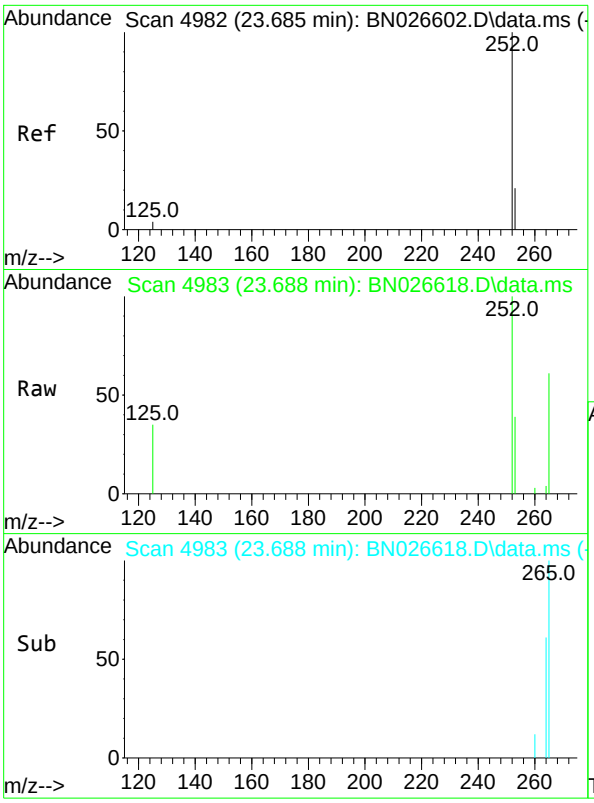


#25
Benzo(k)fluoranthene
Concen: 0.600 ng/ul
RT: 23.117 min Scan# 4788
Delta R.T. 0.006 min
Lab File: BN026618.D
Acq: 21 Jul 2023 07:47

Tgt Ion:252 Resp: 22424

Ion	Ratio	Lower	Upper
252	100		
253	27.7	27.2	40.8
125	21.0	13.4	20.2#



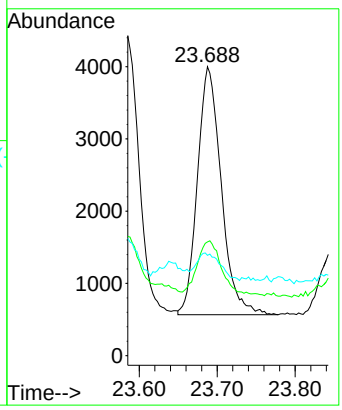


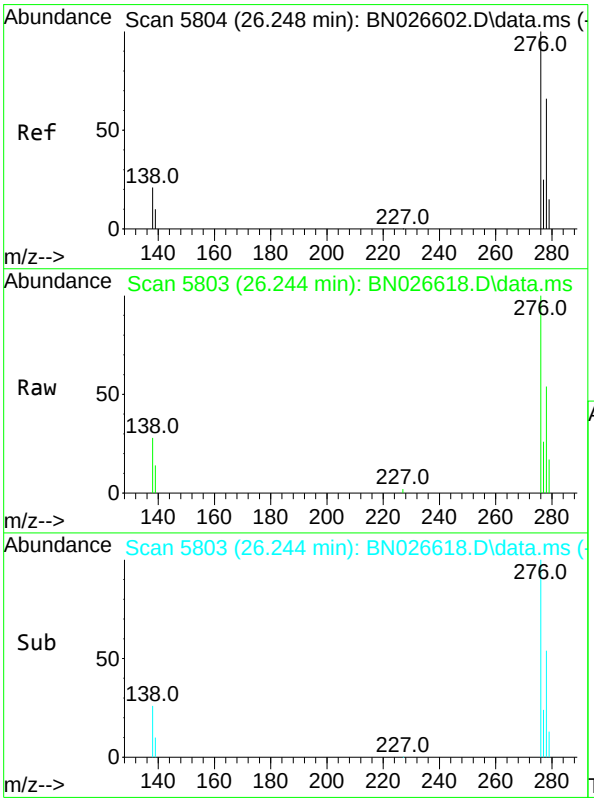
#26
Benzo(a)pyrene
Concen: 0.230 ng/ul
RT: 23.688 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN026618.D
Acq: 21 Jul 2023 07:47

Instrument :
BNA_N
ClientSampleId :
A46Q2MSD

Tgt Ion:252 Resp: 7294

Ion	Ratio	Lower	Upper
252	100		
253	39.4	32.6	49.0
125	34.7	19.3	28.9#

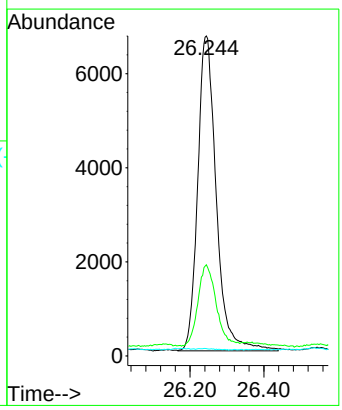


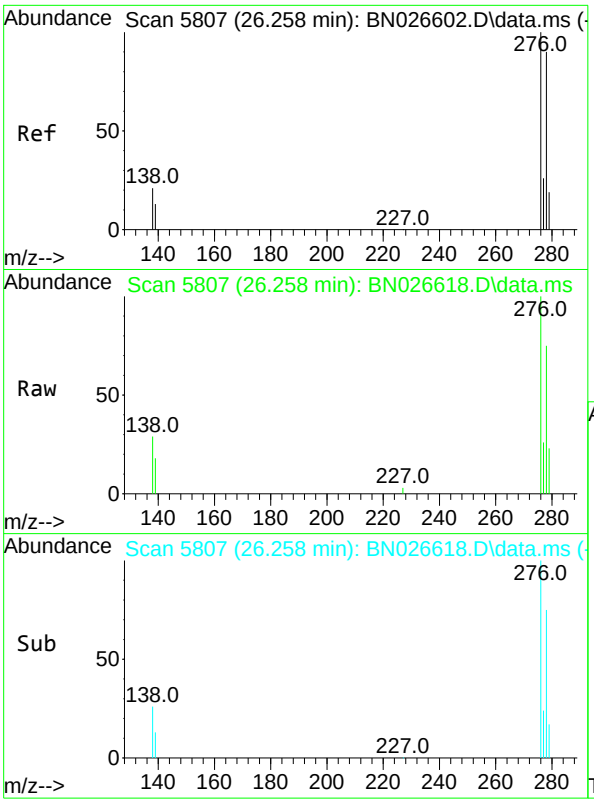


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.561 ng/ul
RT: 26.244 min Scan# 5803
Delta R.T. -0.003 min
Lab File: BN026618.D
Acq: 21 Jul 2023 07:47

Tgt Ion:276 Resp: 23349

Ion	Ratio	Lower	Upper
276	100		
138	25.5	22.2	33.4
227	0.0	0.1	0.1#



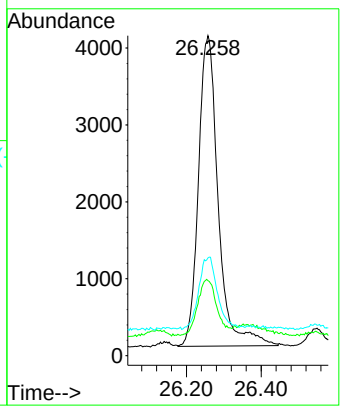


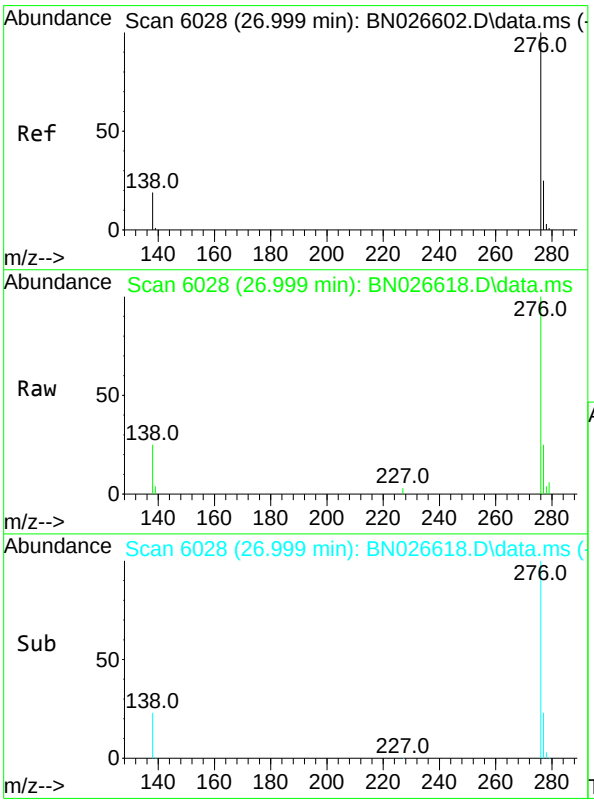
#28
Dibenzo(a,h)anthracene
Concen: 0.463 ng/ul
RT: 26.258 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN026618.D
Acq: 21 Jul 2023 07:47

Instrument :
BNA_N
ClientSampleId :
A46Q2MSD

Tgt Ion:278 Resp: 14792

Ion	Ratio	Lower	Upper
278	100		
139	23.5	18.9	28.3
279	30.6	31.3	46.9#





#29
Benzo(g,h,i)perylene
Concen: 0.551 ng/ul
RT: 26.999 min Scan# 6028
Delta R.T. -0.000 min
Lab File: BN026618.D
Acq: 21 Jul 2023 07:47

Tgt Ion:276 Resp: 20236

Ion	Ratio	Lower	Upper
276	100		
138	25.3	22.6	34.0
277	24.9	21.8	32.8