Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
Data File : BN026617.D
Acq On : 21 Jul 2023 07:10
Operator : MA/JU
Sample : 03472-30MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A46Q2MS

Quant Time: Jul 21 07:40:17 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	1705	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.636	136	6021	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.472	164	3803	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.219	188	9610	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.411	240	9794	0.400	ng/ul	0.00
23) Perylene-d12	23.784	264	9810	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.203	96	771	0.343	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.231	152	2579	0.315	ng/ul	-0.02
18) Fluoranthene-d10	19.246	212	10350	0.305	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.237	88	2041	0.961	ng/ul#	82
5) Naphthalene	10.691	128	5048	0.305	ng/ul	98
7) 2-Methylnaphthalene	12.302	142	3433	0.366	ng/ul	98
8) 1-Methylnaphthalene	12.517	142	3845	0.383	ng/ul	99
10) Acenaphthylene	14.194	152	6487	0.348	ng/ul	99
11) Acenaphthene	14.532	153	4778	0.337	ng/ul	99
12) Fluorene	15.526	166	6246	0.420	ng/ul	99
14) Pentachlorophenol	16.886	266	940	0.388	ng/ul	99
15) Phenanthrene	17.261	178	18977	0.620	ng/ul	98
16) Anthracene	17.358	178	6417	0.242	ng/ul	98
19) Fluoranthene	19.278	202	34658	0.755	ng/ul	98
20) Pyrene	19.641	202	42496	0.852	ng/ul#	97
21) Benzo(a)anthracene	21.396	228	25399	0.706	ng/ul	98
22) Chrysene	21.449	228	30751	0.751	ng/ul	99
24) Benzo(b)fluoranthene	23.062	252	33843	0.886	ng/ul	90
25) Benzo(k)fluoranthene	23.109	252	23823	0.595	ng/ul#	89
26) Benzo(a)pyrene	23.682	252	8363	0.246	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.241	276	25556	0.573	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.247	278	16237	0.474	ng/ul#	90
29) Benzo(g,h,i)perylene	26.989	276	22289	0.566	ng/ul	96

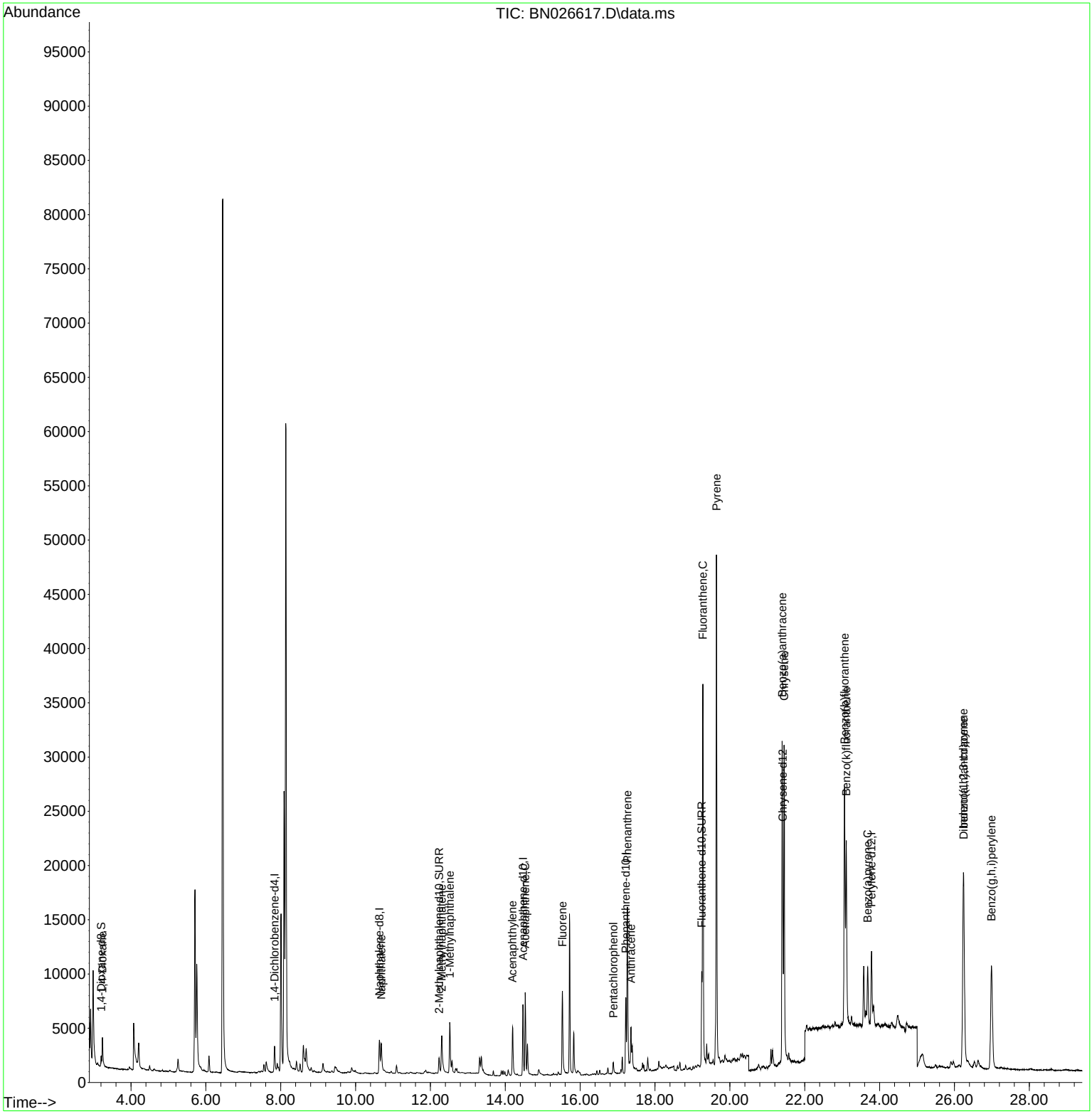
(#) = qualifier out of range (m) = manual integration (+) = signals summed

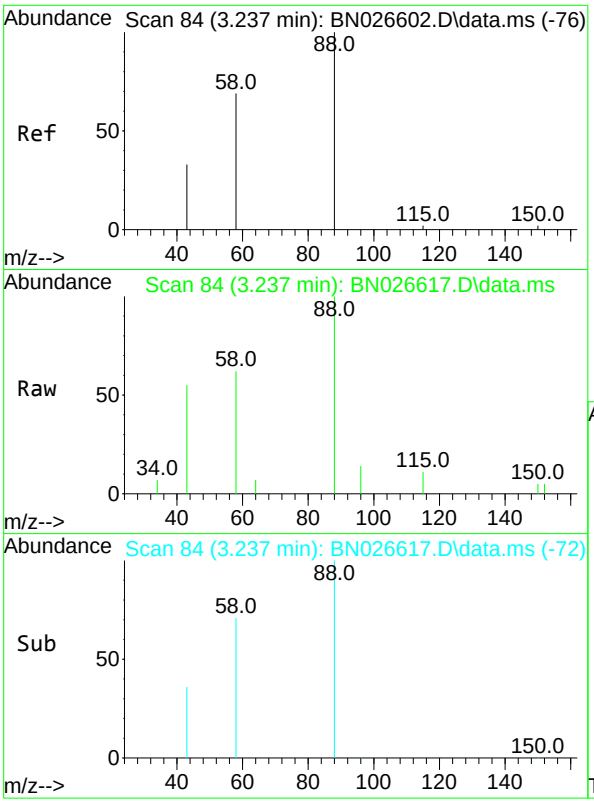
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
Data File : BN026617.D
Acq On : 21 Jul 2023 07:10
Operator : MA/JU
Sample : 03472-30MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A46Q2MS

Quant Time: Jul 21 07:40:17 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



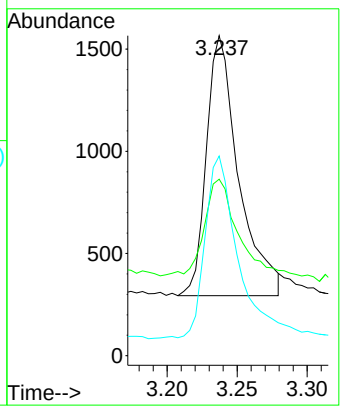


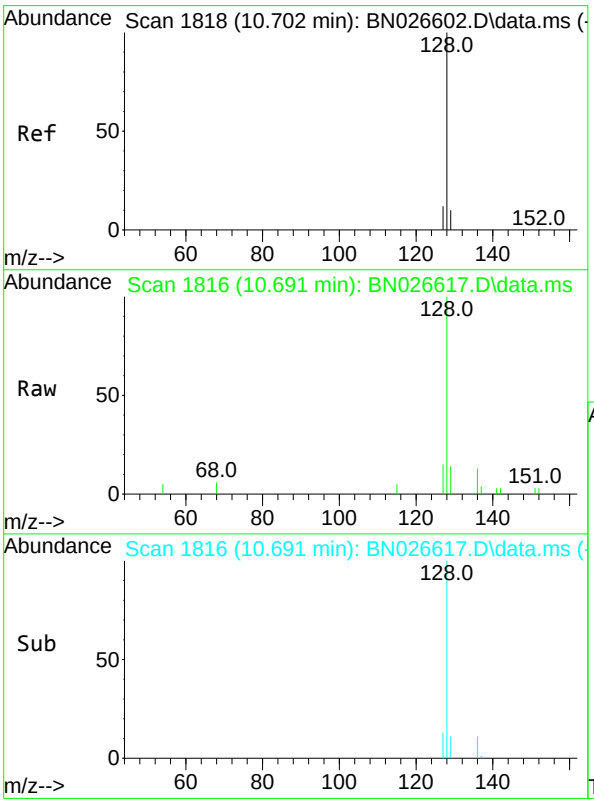
#2
1,4-Dioxane
Concen: 0.961 ng/ul
RT: 3.237 min Scan# 8
Delta R.T. -0.000 min
Lab File: BN026617.D
Acq: 21 Jul 2023 07:10

Instrument :
BNA_N
ClientSampleId :
A46Q2MS

Tgt Ion: 88 Resp: 2041

Ion	Ratio	Lower	Upper
88	100		
43	55.2	33.0	49.6#
58	62.4	41.7	62.5

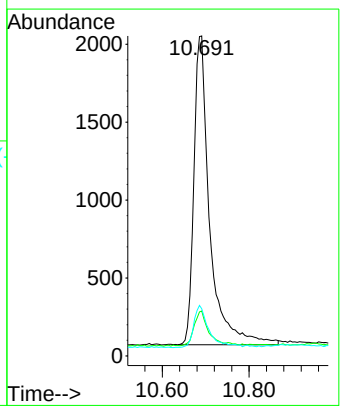


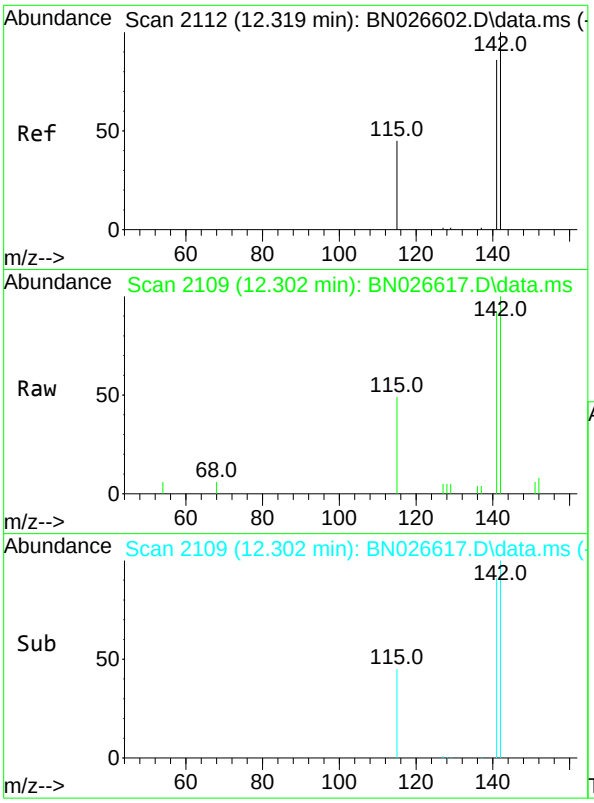


#5
Naphthalene
Concen: 0.305 ng/ul
RT: 10.691 min Scan# 1816
Delta R.T. -0.011 min
Lab File: BN026617.D
Acq: 21 Jul 2023 07:10

Tgt Ion:128 Resp: 5048

Ion	Ratio	Lower	Upper
128	100		
129	14.0	10.2	15.2
127	14.7	11.4	17.0



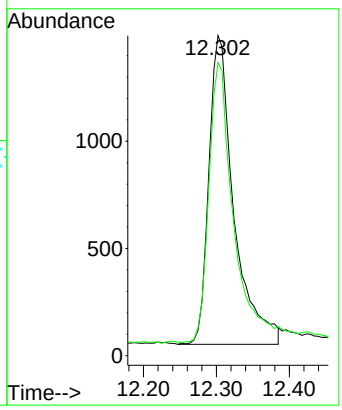


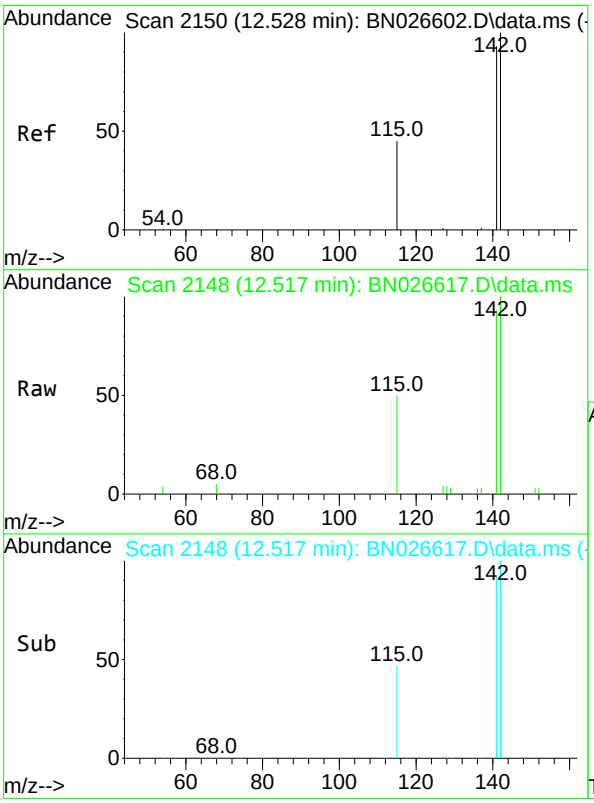
#7
2-Methylnaphthalene
Concen: 0.366 ng/ul
RT: 12.302 min Scan# 21
Delta R.T. -0.017 min
Lab File: BN026617.D
Acq: 21 Jul 2023 07:10

Instrument :
BNA_N
ClientSampleId :
A46Q2MS

Tgt Ion:142 Resp: 3433

Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.3	108.5

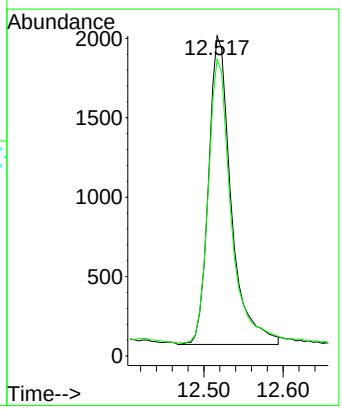


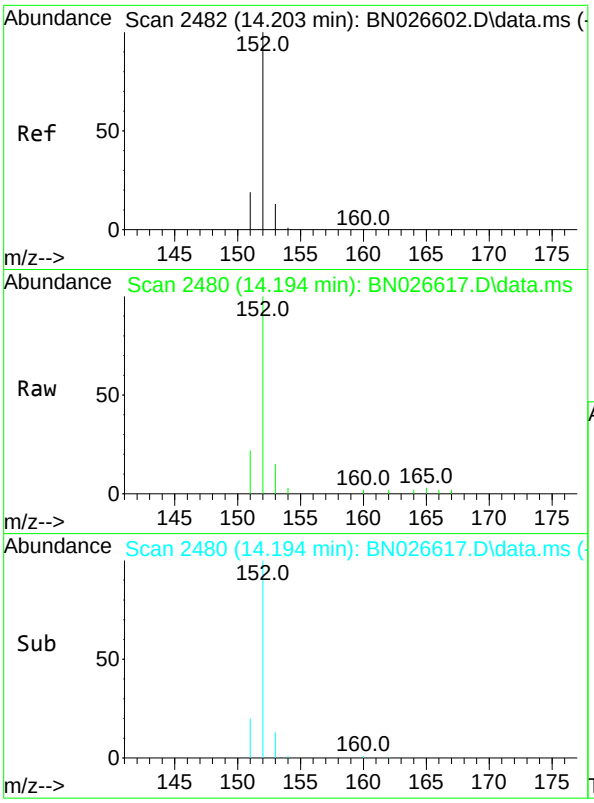


#8
1-Methylnaphthalene
Concen: 0.383 ng/ul
RT: 12.517 min Scan# 2148
Delta R.T. -0.011 min
Lab File: BN026617.D
Acq: 21 Jul 2023 07:10

Tgt Ion:142 Resp: 3845

Ion	Ratio	Lower	Upper
142	100		
141	92.2	74.5	111.7



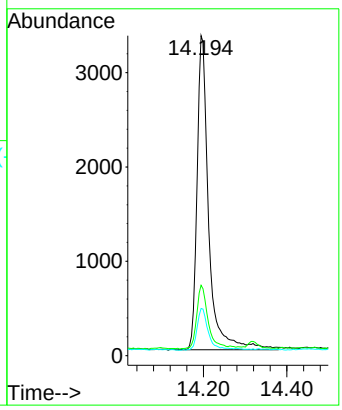


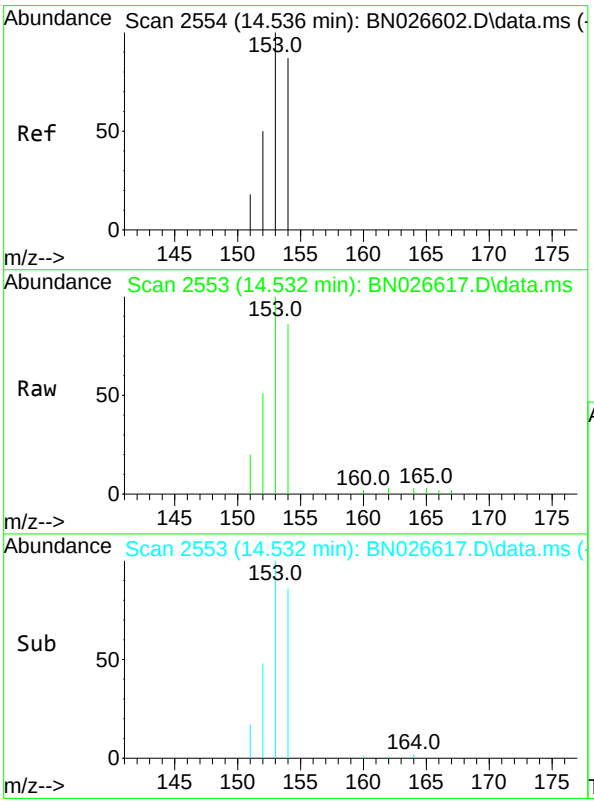
#10
Acenaphthylene
Concen: 0.348 ng/ul
RT: 14.194 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN026617.D
Acq: 21 Jul 2023 07:10

Instrument :
BNA_N
ClientSampleId :
A46Q2MS

Tgt Ion:152 Resp: 6487

Ion	Ratio	Lower	Upper
152	100		
151	22.0	17.0	25.6
153	14.8	11.4	17.2

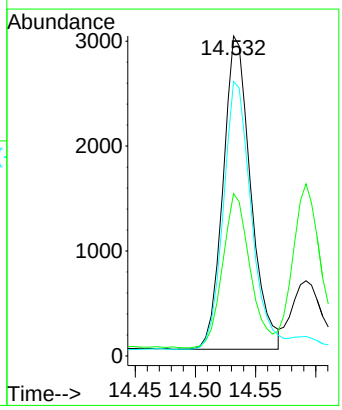


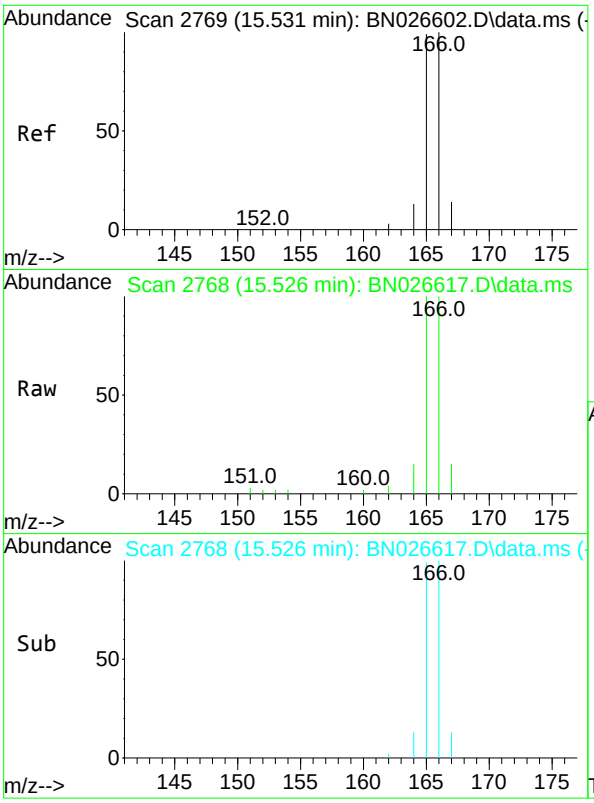


#11
Acenaphthene
Concen: 0.337 ng/ul
RT: 14.532 min Scan# 2553
Delta R.T. -0.005 min
Lab File: BN026617.D
Acq: 21 Jul 2023 07:10

Tgt Ion:153 Resp: 4778

Ion	Ratio	Lower	Upper
153	100		
152	50.8	40.2	60.4
154	85.7	69.3	103.9



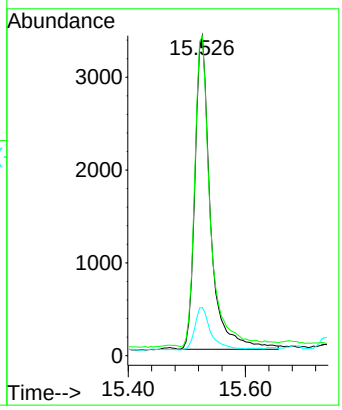


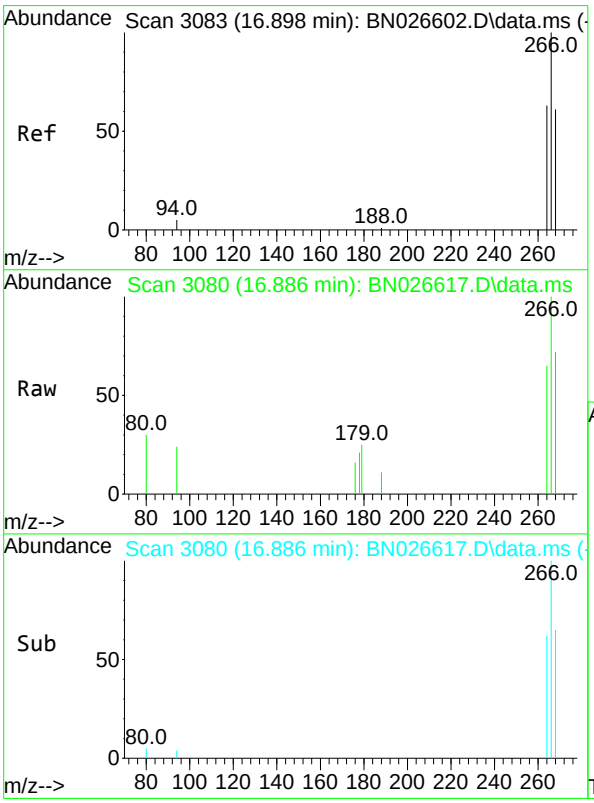
#12
Fluorene
Concen: 0.420 ng/ul
RT: 15.526 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN026617.D
Acq: 21 Jul 2023 07:10

Instrument :
BNA_N
ClientSampleId :
A46Q2MS

Tgt Ion:166 Resp: 6246

Ion	Ratio	Lower	Upper
166	100		
165	99.8	80.6	120.8
167	15.1	12.0	18.0

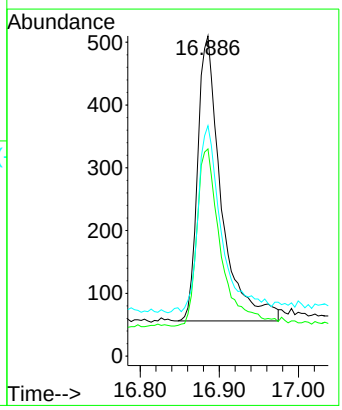


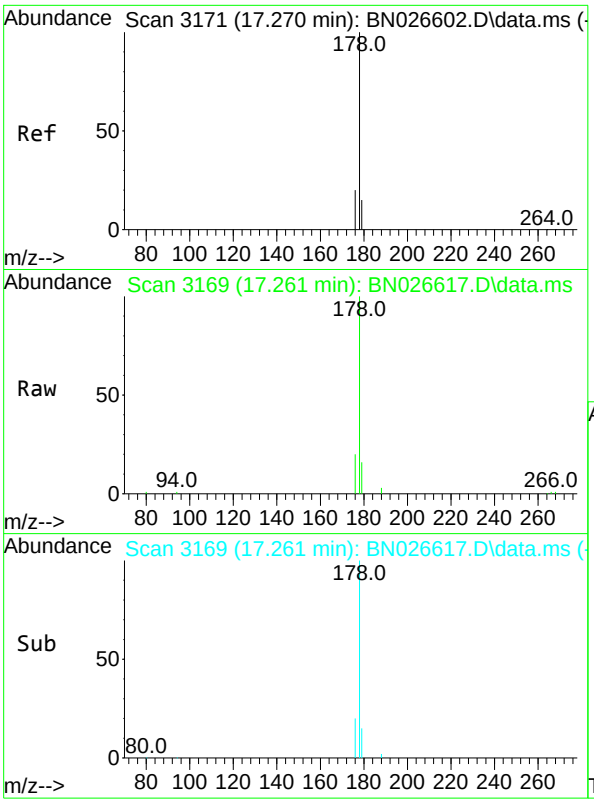


#14
Pentachlorophenol
Concen: 0.388 ng/ul
RT: 16.886 min Scan# 3080
Delta R.T. -0.013 min
Lab File: BN026617.D
Acq: 21 Jul 2023 07:10

Tgt Ion:266 Resp: 940

Ion	Ratio	Lower	Upper
266	100		
264	63.3	52.0	78.0
268	65.7	53.0	79.6



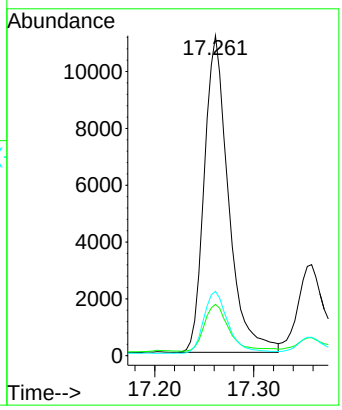


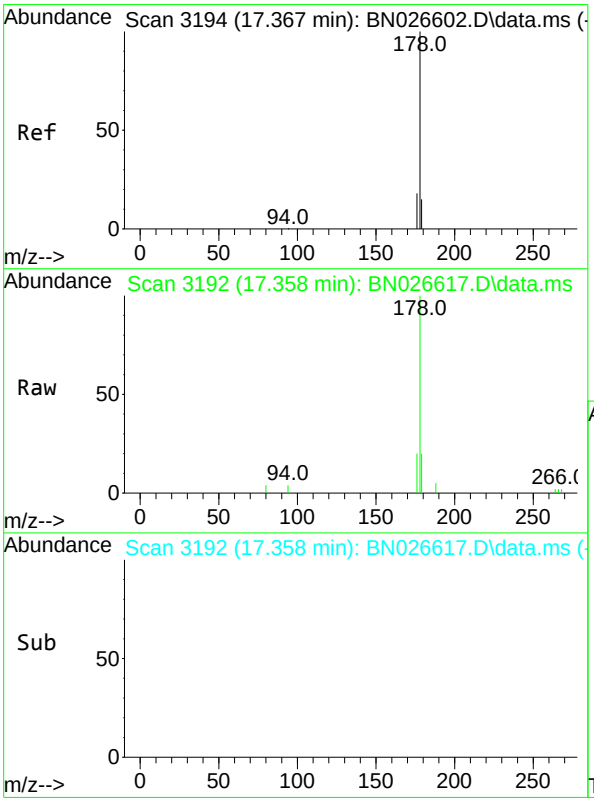
#15
Phenanthrene
Concen: 0.620 ng/ul
RT: 17.261 min Scan# 3
Delta R.T. -0.008 min
Lab File: BN026617.D
Acq: 21 Jul 2023 07:10

Instrument :
BNA_N
ClientSampleId :
A46Q2MS

Tgt Ion:178 Resp: 18977

Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.7	20.5
176	20.1	16.5	24.7

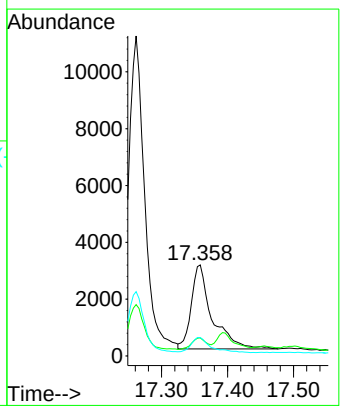


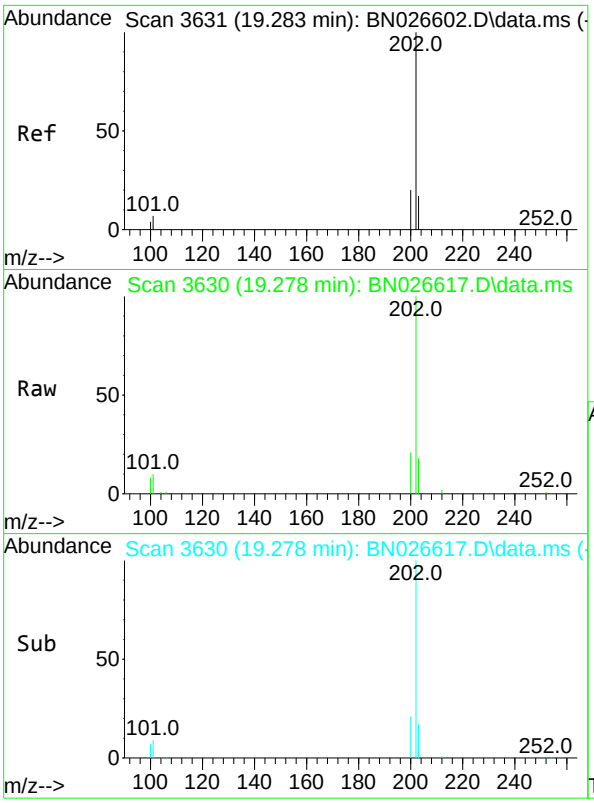


#16
Anthracene
Concen: 0.242 ng/ul
RT: 17.358 min Scan# 3192
Delta R.T. -0.009 min
Lab File: BN026617.D
Acq: 21 Jul 2023 07:10

Tgt Ion:178 Resp: 6417

Ion	Ratio	Lower	Upper
178	100		
179	19.8	14.8	22.2
176	20.2	16.6	25.0



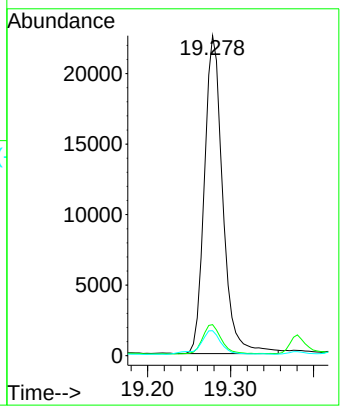


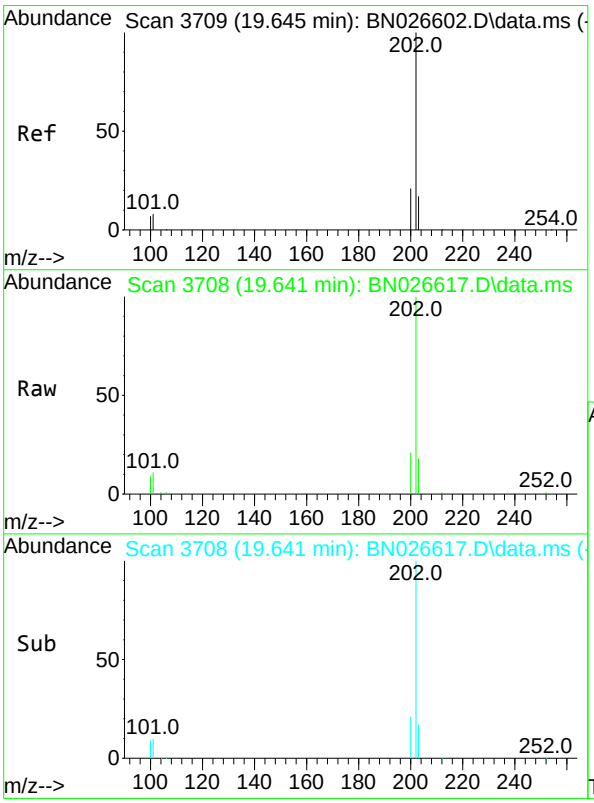
#19
Fluoranthene
Concen: 0.755 ng/ul
RT: 19.278 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN026617.D
Acq: 21 Jul 2023 07:10

Instrument :
BNA_N
ClientSampleId :
A46Q2MS

Tgt Ion:202 Resp: 34658

Ion	Ratio	Lower	Upper
202	100		
101	9.7	7.0	10.4
100	7.8	6.0	9.0

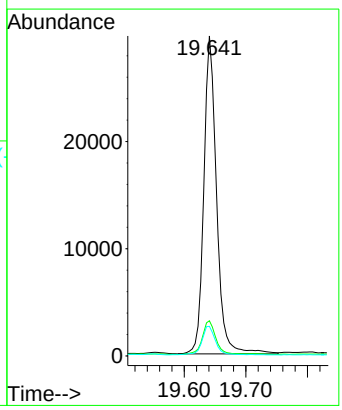


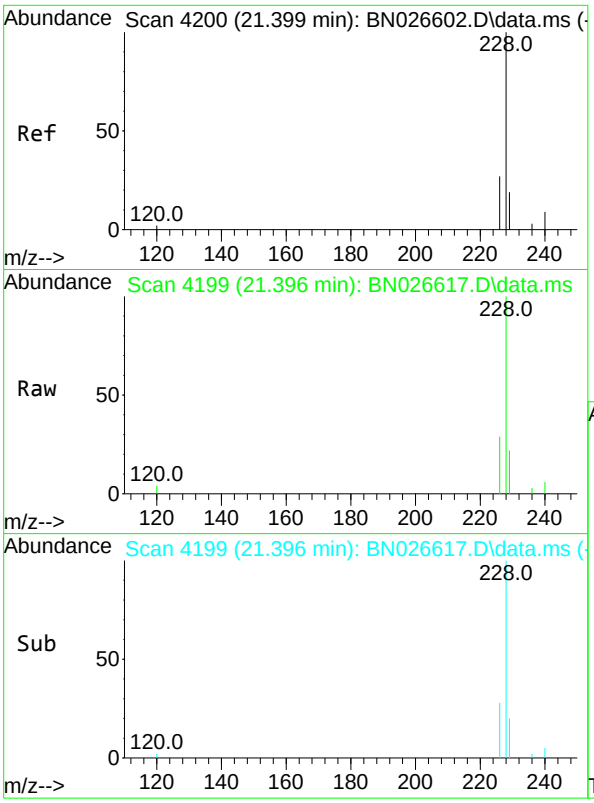


#20
Pyrene
Concen: 0.852 ng/ul
RT: 19.641 min Scan# 3708
Delta R.T. -0.005 min
Lab File: BN026617.D
Acq: 21 Jul 2023 07:10

Tgt Ion:202 Resp: 42496

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.0	12.0
100	9.2	6.2	9.2#



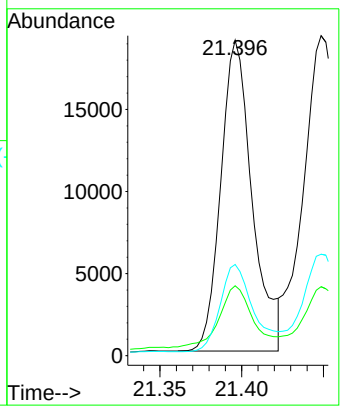


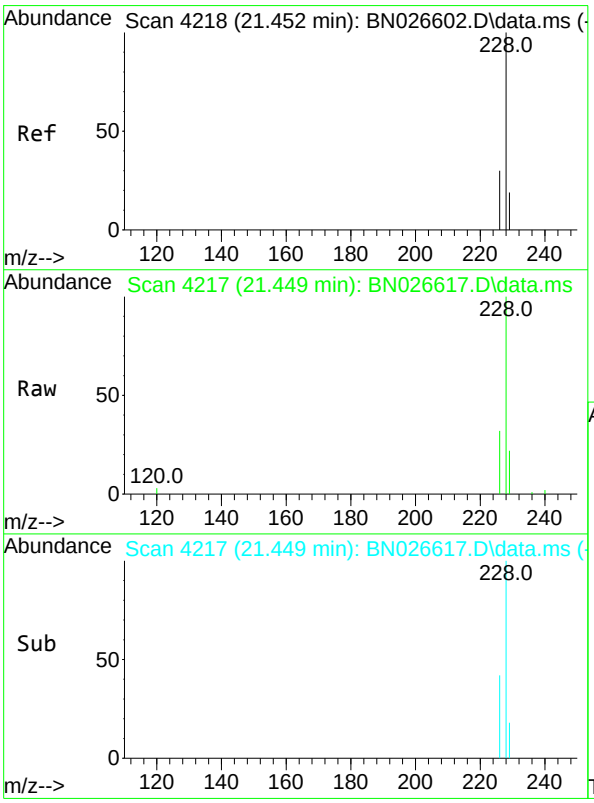
#21
Benzo(a)anthracene
Concen: 0.706 ng/ul
RT: 21.396 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN026617.D
Acq: 21 Jul 2023 07:10

Instrument :
BNA_N
ClientSampleId :
A46Q2MS

Tgt Ion:228 Resp: 25399

Ion	Ratio	Lower	Upper
228	100		
229	22.1	16.7	25.1
226	28.9	23.5	35.3

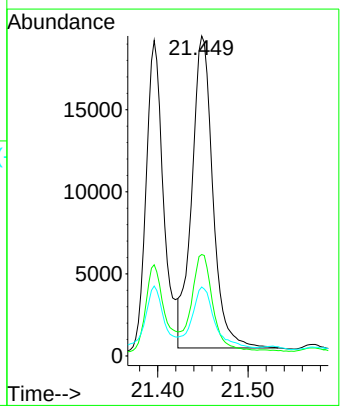


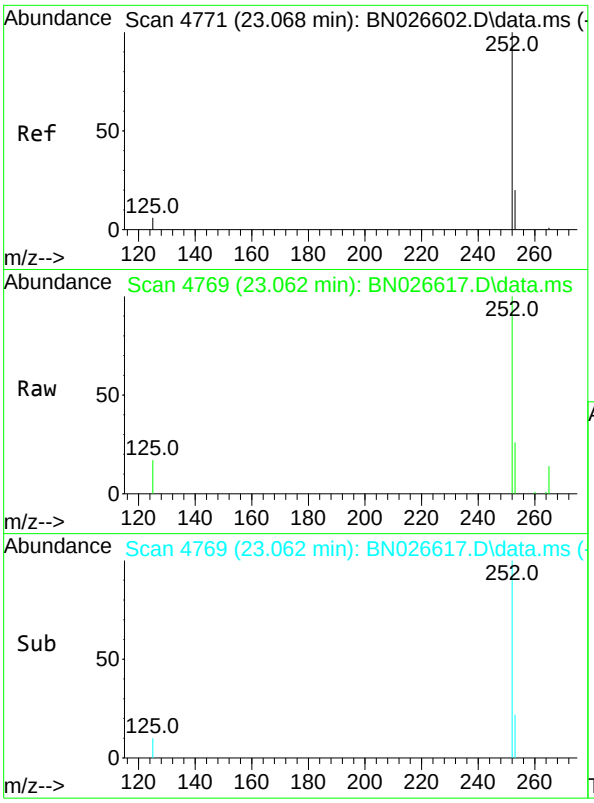


#22
Chrysene
Concen: 0.751 ng/ul
RT: 21.449 min Scan# 4217
Delta R.T. -0.003 min
Lab File: BN026617.D
Acq: 21 Jul 2023 07:10

Tgt Ion:228 Resp: 30751

Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.2	37.8
229	21.5	16.4	24.6



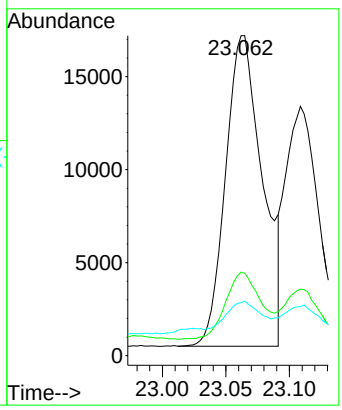


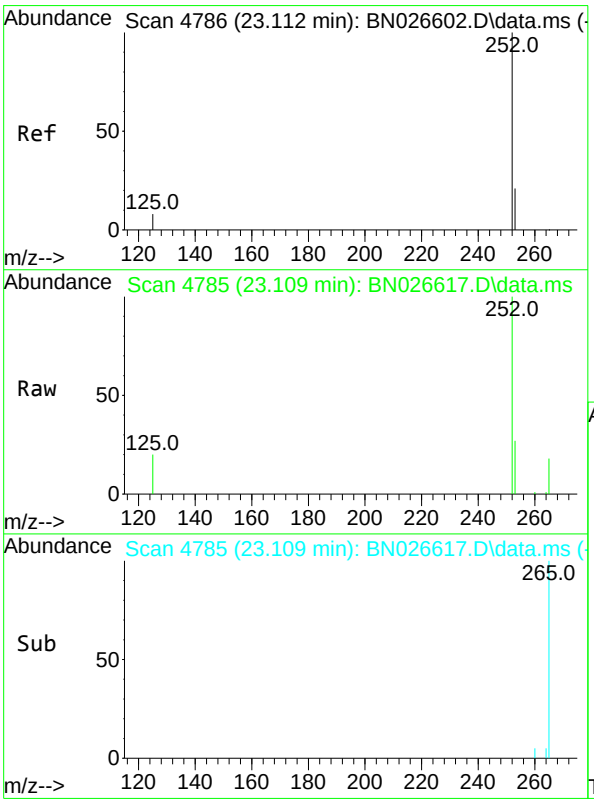
#24
Benzo(b)fluoranthene
Concen: 0.886 ng/ul
RT: 23.062 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN026617.D
Acq: 21 Jul 2023 07:10

Instrument :
BNA_N
ClientSampleId :
A46Q2MS

Tgt Ion:252 Resp: 33843

Ion	Ratio	Lower	Upper
252	100		
253	26.1	0.0	68.6
125	16.6	0.0	34.0

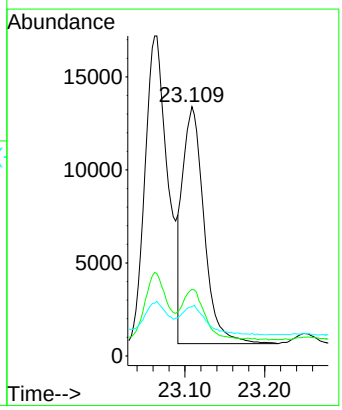


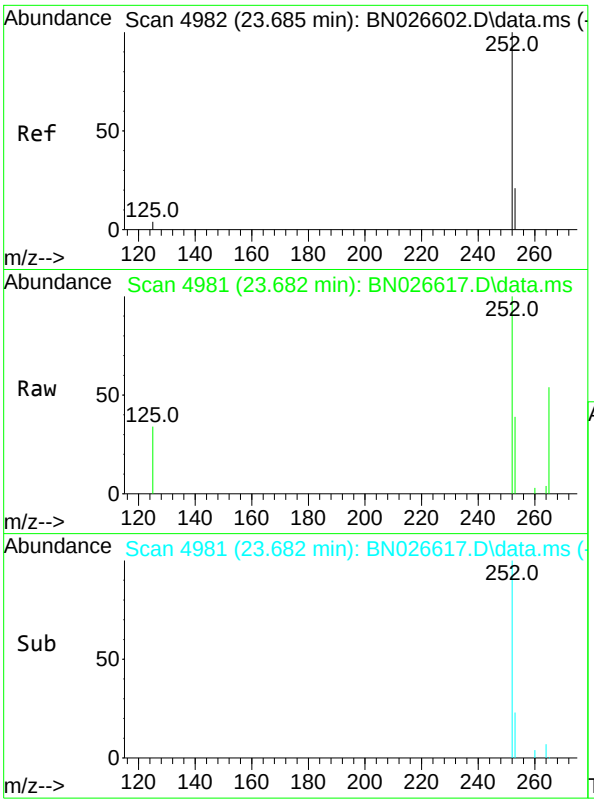


#25
Benzo(k)fluoranthene
Concen: 0.595 ng/ul
RT: 23.109 min Scan# 4785
Delta R.T. -0.003 min
Lab File: BN026617.D
Acq: 21 Jul 2023 07:10

Tgt Ion:252 Resp: 23823

Ion	Ratio	Lower	Upper
252	100		
253	26.7	27.2	40.8#
125	19.7	13.4	20.2



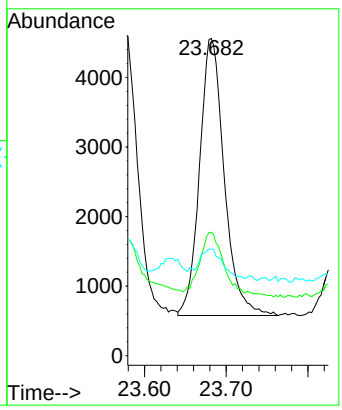


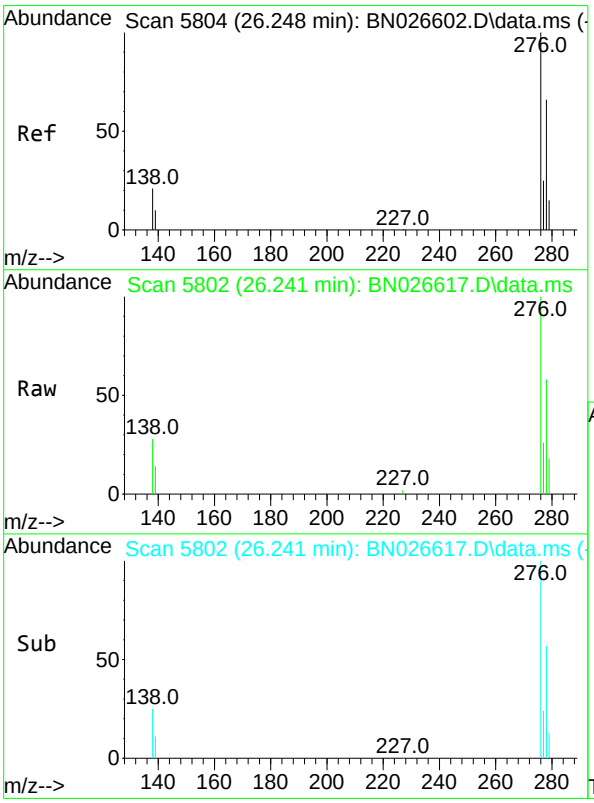
#26
Benzo(a)pyrene
Concen: 0.246 ng/ul
RT: 23.682 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN026617.D
Acq: 21 Jul 2023 07:10

Instrument :
BNA_N
ClientSampleId :
A46Q2MS

Tgt Ion:252 Resp: 8363

Ion	Ratio	Lower	Upper
252	100		
253	38.9	32.6	49.0
125	33.6	19.3	28.9#

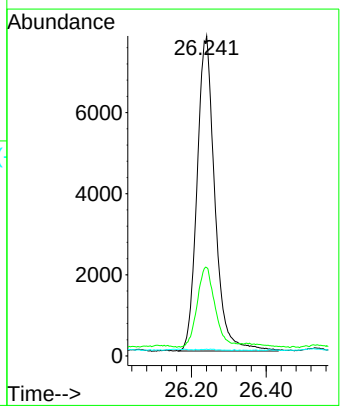


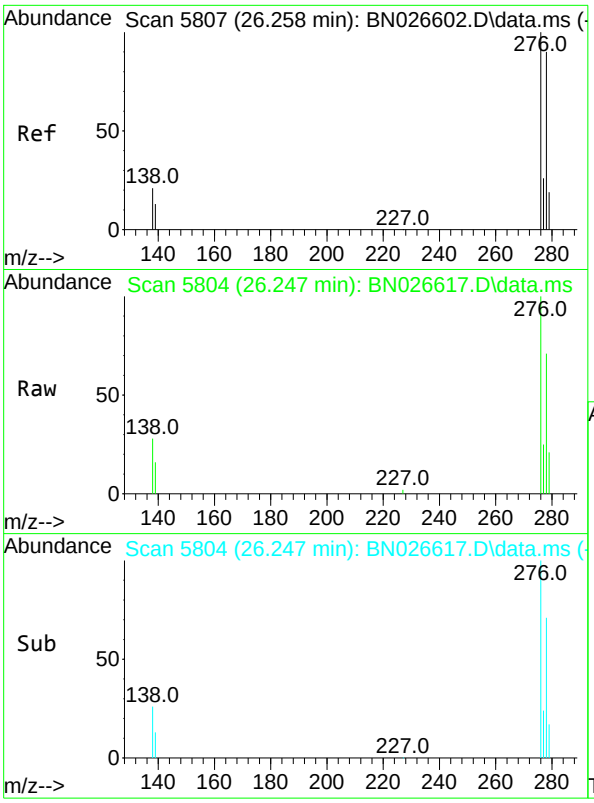


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.573 ng/ul
RT: 26.241 min Scan# 5802
Delta R.T. -0.007 min
Lab File: BN026617.D
Acq: 21 Jul 2023 07:10

Tgt Ion:276 Resp: 25556

Ion	Ratio	Lower	Upper
276	100		
138	27.1	22.2	33.4
227	0.0	0.1	0.1#



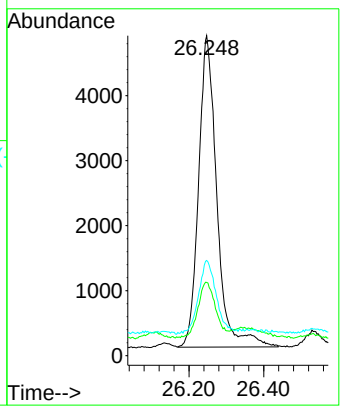


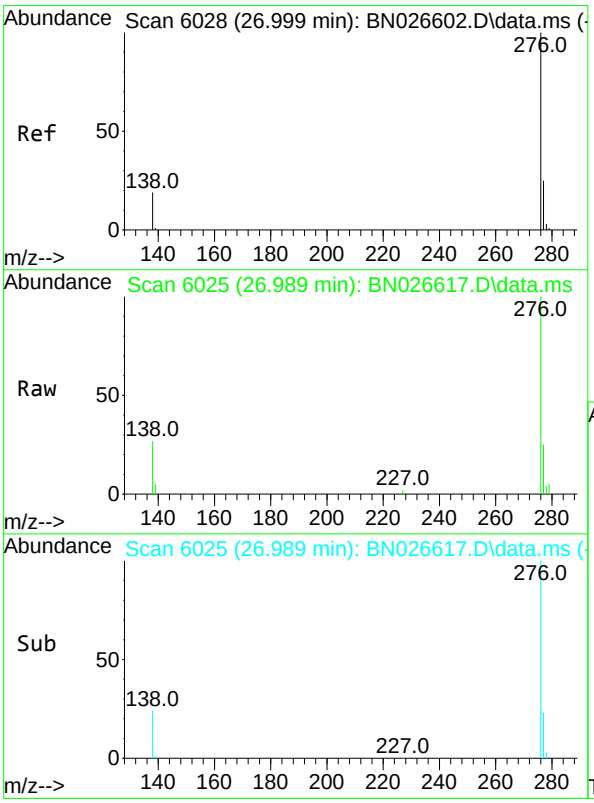
#28
Dibenzo(a,h)anthracene
Concen: 0.474 ng/ul
RT: 26.247 min Scan# 5
Delta R.T. -0.010 min
Lab File: BN026617.D
Acq: 21 Jul 2023 07:10

Instrument :
BNA_N
ClientSampleId :
A46Q2MS

Tgt Ion:278 Resp: 16237

Ion	Ratio	Lower	Upper
278	100		
139	22.9	18.9	28.3
279	29.8	31.3	46.9#





#29
Benzo(g,h,i)perylene
Concen: 0.566 ng/ul
RT: 26.989 min Scan# 6025
Delta R.T. -0.010 min
Lab File: BN026617.D
Acq: 21 Jul 2023 07:10

Tgt Ion:276 Resp: 22289

Ion	Ratio	Lower	Upper
276	100		
138	26.5	22.6	34.0
277	24.9	21.8	32.8