Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
Data File : BN026576.D
Acq On : 18 Jul 2023 22:57
Operator : MA/JU
Sample : PB154088BL
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SBLK088

Quant Time: Jul 19 00:54:36 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 : Wed Jul 19 00:52:36 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.967	152	30	0.400	ng/ul	# 0.02
4) Naphthalene-d8	10.759	136	49	0.400	ng/ul	# 0.01
9) Acenaphthene-d10	14.584	164	48	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.338	188	45	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.526	240	37	0.400	ng/ul	# 0.00
23) Perylene-d12	23.970	264	24	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	9	0.228	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.365	152	56	0.841	ng/ul	0.02
18) Fluoranthene-d10	19.368	212	43	0.335	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.377	88	8	0.214	ng/ul#	62
5) Naphthalene	10.814	128	13	0.097	ng/ul#	1
7) 2-Methylnaphthalene	12.497	142	3	0.039	ng/ul	90
8) 1-Methylnaphthalene	12.689	142	3	0.037	ng/ul	93
10) Acenaphthylene	14.311	152	24	0.102	ng/ul#	1
11) Acenaphthene	14.663	153	9	0.050	ng/ul#	69
12) Fluorene	15.657	166	4	0.021	ng/ul#	54
14) Pentachlorophenol	17.026	266	3	0.264	ng/ul#	1
15) Phenanthrene	17.385	178	39	0.272	ng/ul#	1
16) Anthracene	17.478	178	81	0.651	ng/ul#	1
19) Fluoranthene	19.391	202	80	0.461	ng/ul#	1
20) Pyrene	19.754	202	50	0.265	ng/ul#	1
21) Benzo(a)anthracene	21.517	228	68	0.500	ng/ul#	1
22) Chrysene	21.567	228	49	0.317	ng/ul#	1
24) Benzo(b)fluoranthene	23.224	252	206	2.203	ng/ul#	1
25) Benzo(k)fluoranthene	23.271	252	32	0.327	ng/ul#	1
26) Benzo(a)pyrene	23.861	252	24	0.288	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.504	276	172	1.576	ng/ul#	53
28) Dibenzo(a,h)anthracene	26.507	278	59	0.705	ng/ul#	1
29) Benzo(g,h,i)perylene	27.282	276	149	1.547	ng/ul#	1

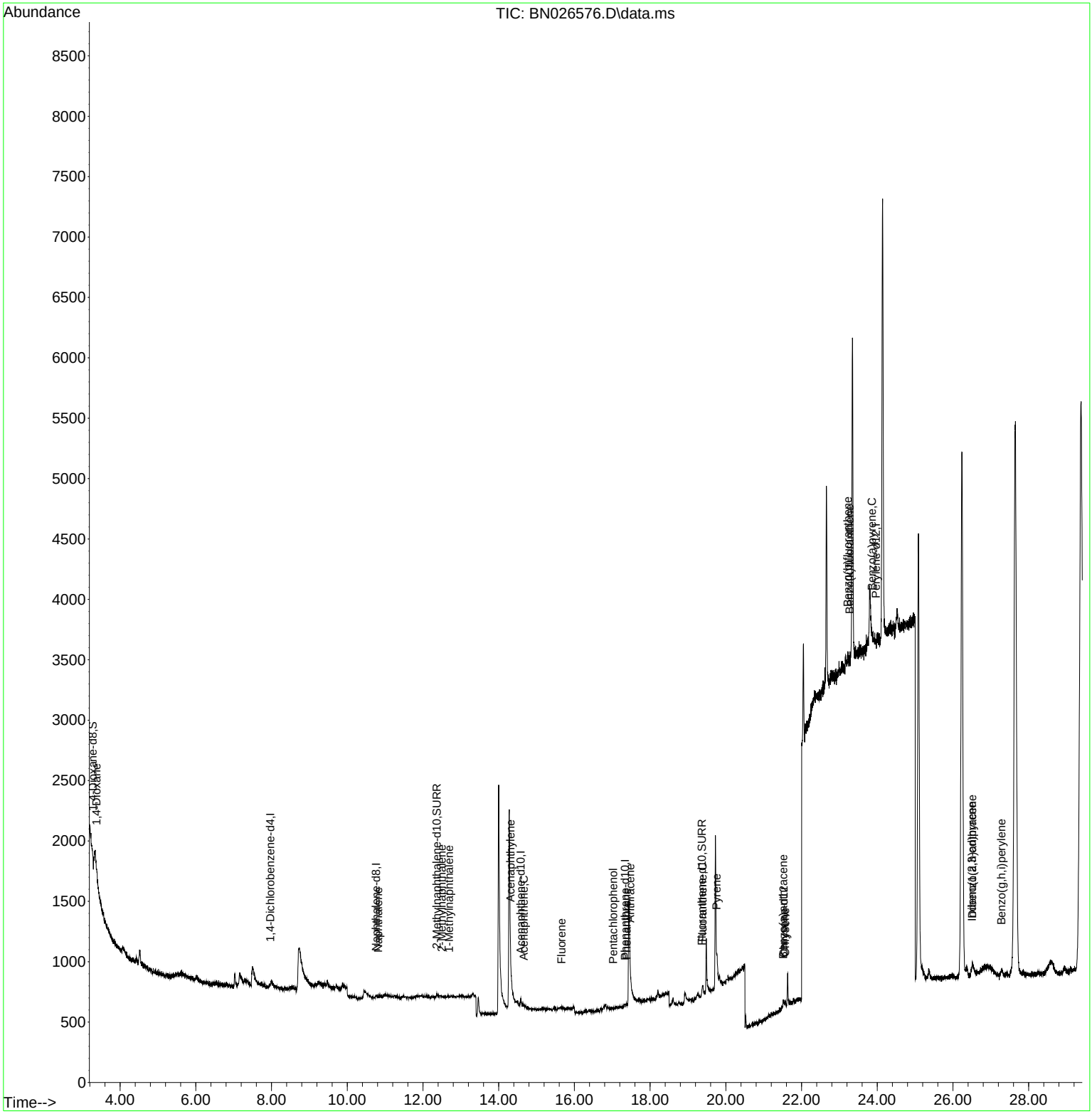
(#) = qualifier out of range (m) = manual integration (+) = signals summed

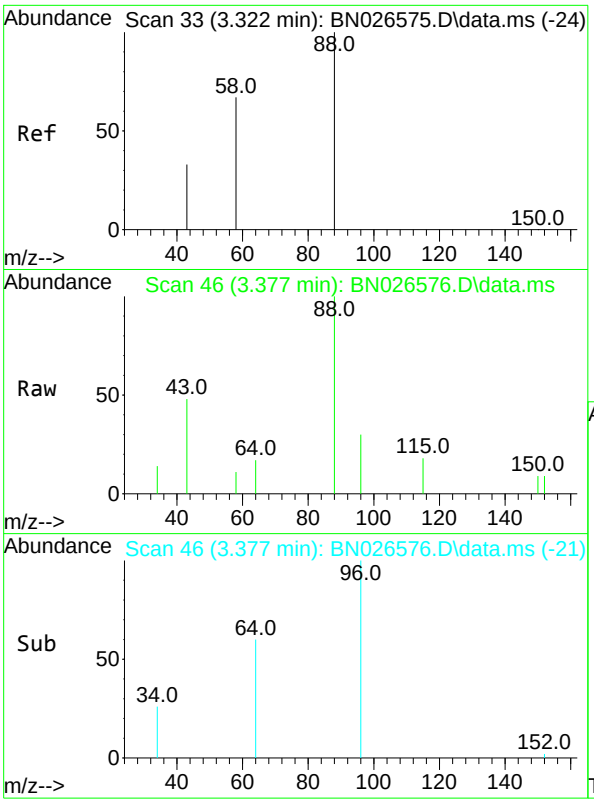
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
Data File : BN026576.D
Acq On : 18 Jul 2023 22:57
Operator : MA/JU
Sample : PB154088BL
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SBLK088

Quant Time: Jul 19 00:54:36 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 : Wed Jul 19 00:52:36 2023
Response via : Initial Calibration



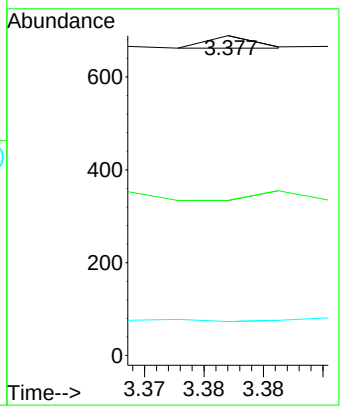


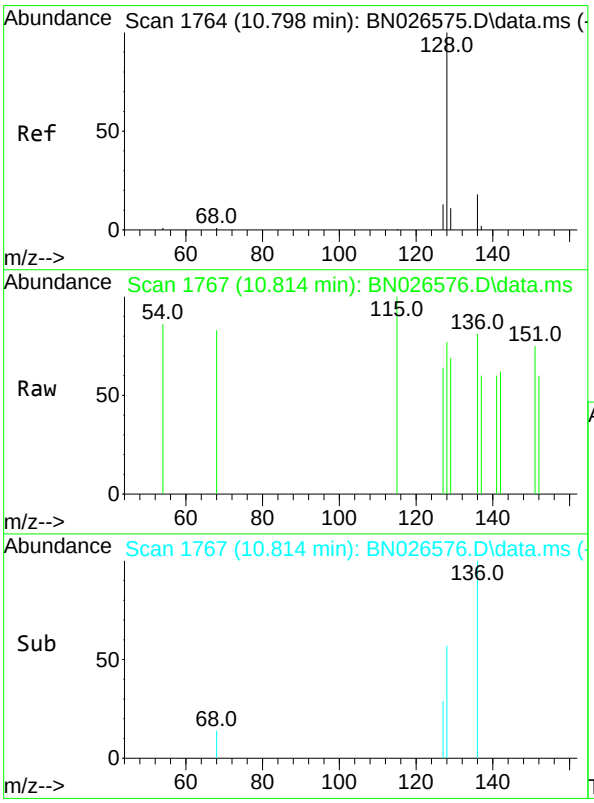
#2
1,4-Dioxane
Concen: 0.214 ng/ul
RT: 3.377 min Scan# 4
Delta R.T. 0.055 min
Lab File: BN026576.D
Acq: 18 Jul 2023 22:57

Instrument :
BNA_N
ClientSampleId :
SBLK088

Tgt Ion: 88 Resp: 8

Ion	Ratio	Lower	Upper
88	100		
43	48.5	33.0	49.6
58	10.6	41.7	62.5#

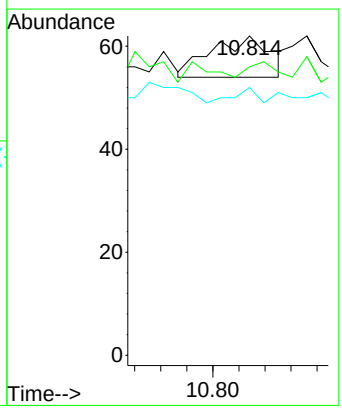


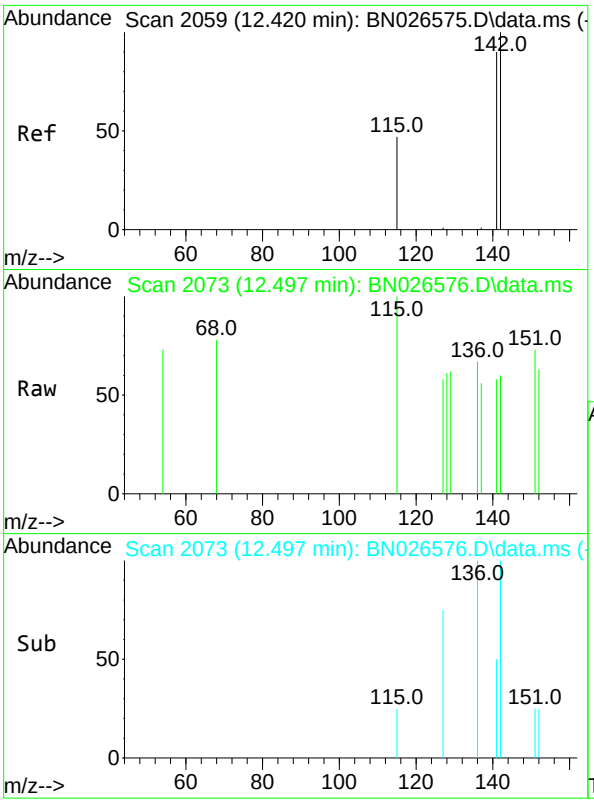


#5
Naphthalene
Concen: 0.097 ng/ul
RT: 10.814 min Scan# 1767
Delta R.T. 0.017 min
Lab File: BN026576.D
Acq: 18 Jul 2023 22:57

Tgt Ion:128 Resp: 13

Ion	Ratio	Lower	Upper
128	100		
129	90.3	10.2	15.2#
127	83.9	11.4	17.0#



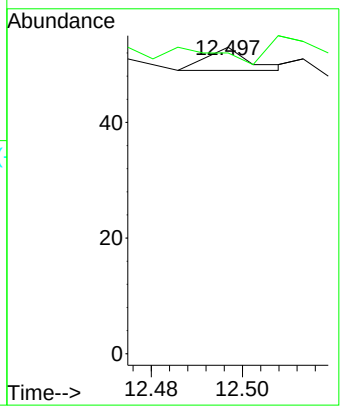


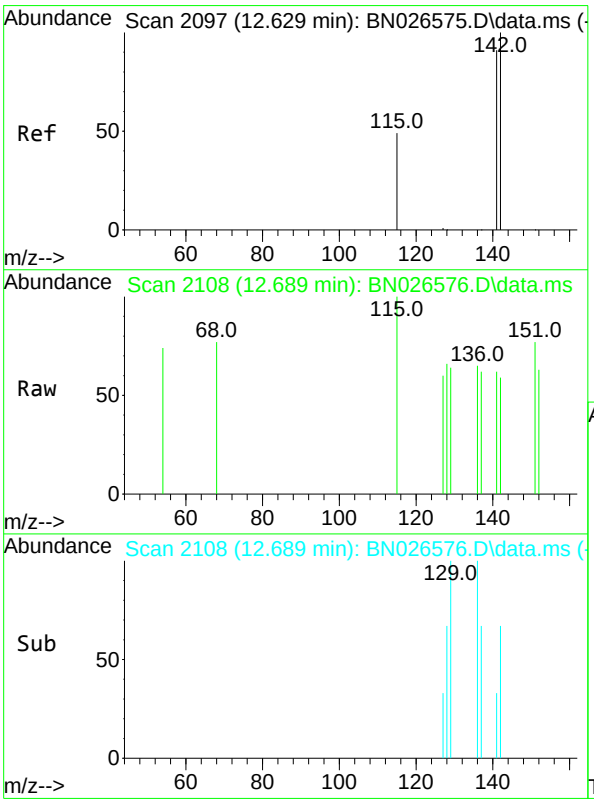
#7
2-Methylnaphthalene
Concen: 0.039 ng/ul
RT: 12.497 min Scan# 2
Delta R.T. 0.077 min
Lab File: BN026576.D
Acq: 18 Jul 2023 22:57

Instrument :
BNA_N
ClientSampleId :
SBLK088

Tgt Ion:142 Resp: 3

Ion	Ratio	Lower	Upper
142	100		
141	100.0	72.3	108.5

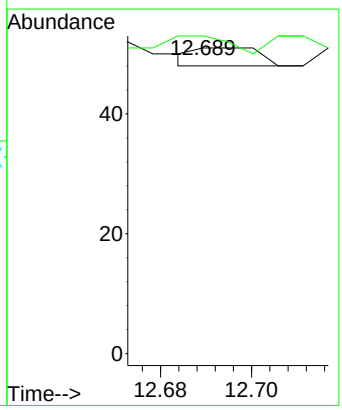


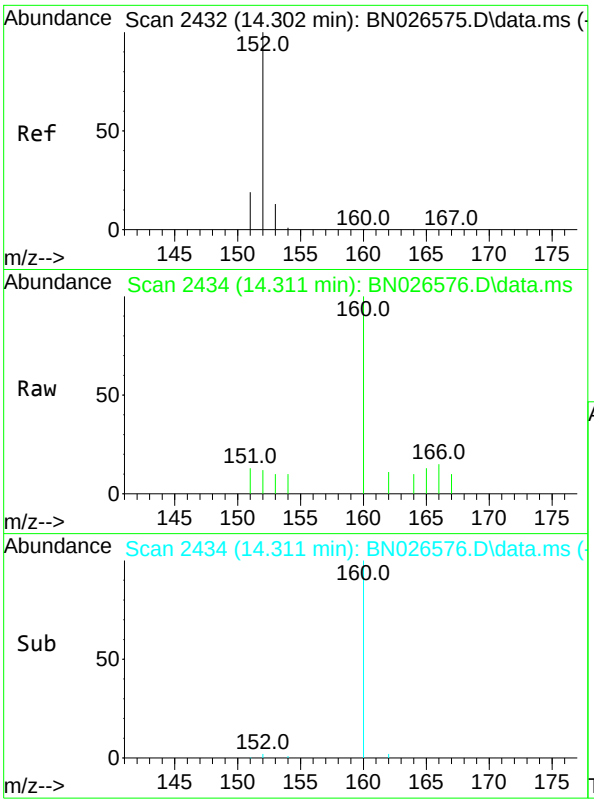


#8
1-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 12.689 min Scan# 2108
Delta R.T. 0.061 min
Lab File: BN026576.D
Acq: 18 Jul 2023 22:57

Tgt Ion:142 Resp: 3

Ion	Ratio	Lower	Upper
142	100		
141	100.0	74.5	111.7



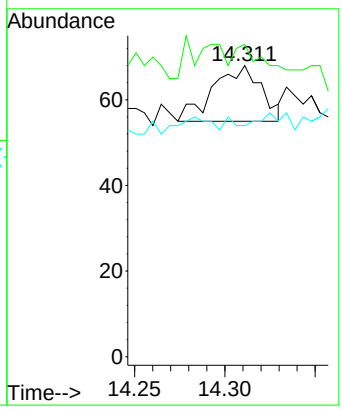


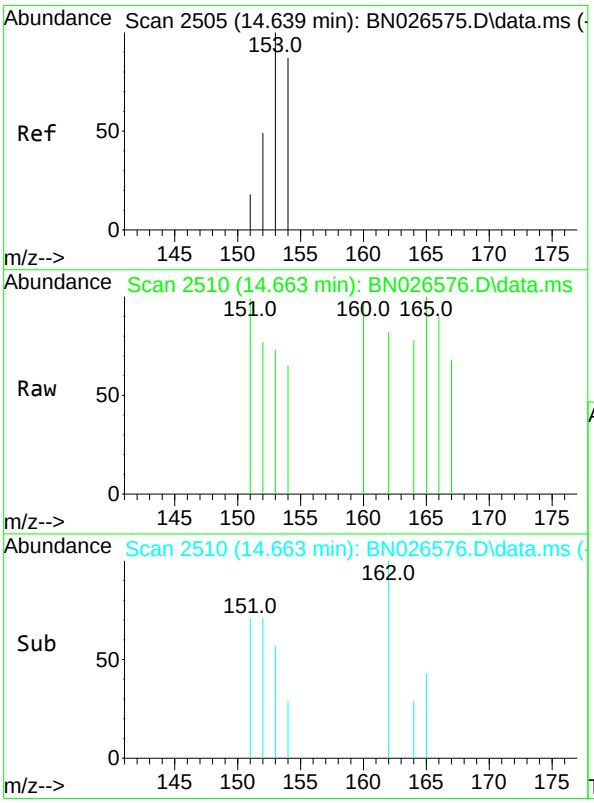
#10
Acenaphthylene
Concen: 0.102 ng/ul
RT: 14.311 min Scan# 24
Delta R.T. 0.009 min
Lab File: BN026576.D
Acq: 18 Jul 2023 22:57

Instrument :
BNA_N
ClientSampleId :
SBLK088

Tgt Ion:152 Resp: 24

Ion	Ratio	Lower	Upper
152	100		
151	107.4	17.0	25.6#
153	79.4	11.4	17.2#

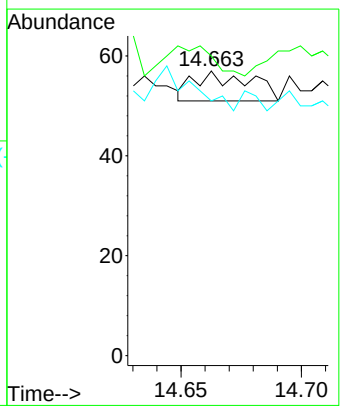


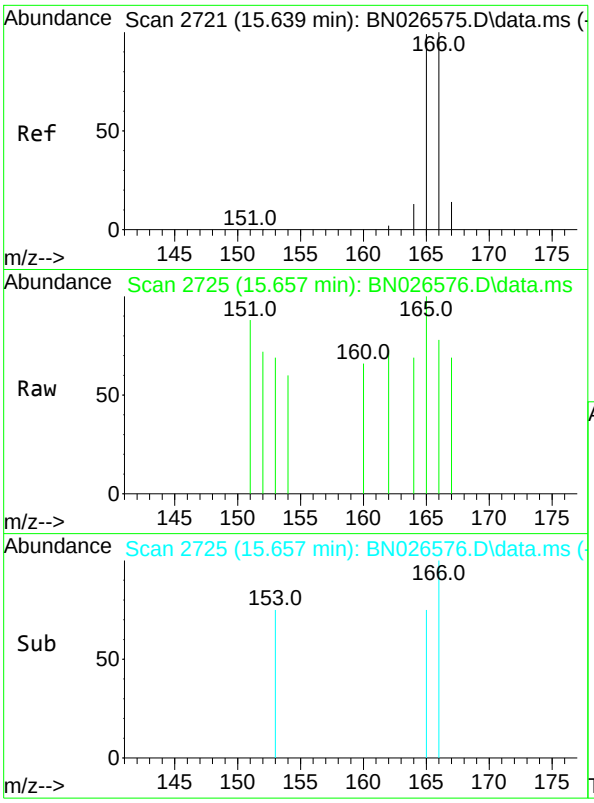


#11
Acenaphthene
Concen: 0.050 ng/ul
RT: 14.663 min Scan# 2510
Delta R.T. 0.023 min
Lab File: BN026576.D
Acq: 18 Jul 2023 22:57

Tgt Ion:153 Resp: 9

Ion	Ratio	Lower	Upper
153	100		
152	105.3	40.2	60.4#
154	89.5	69.3	103.9



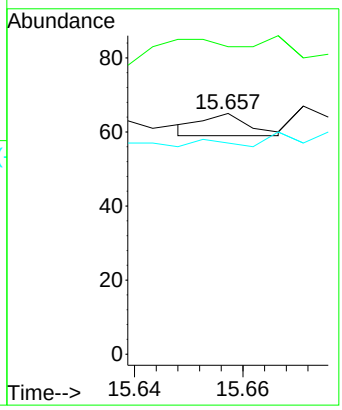


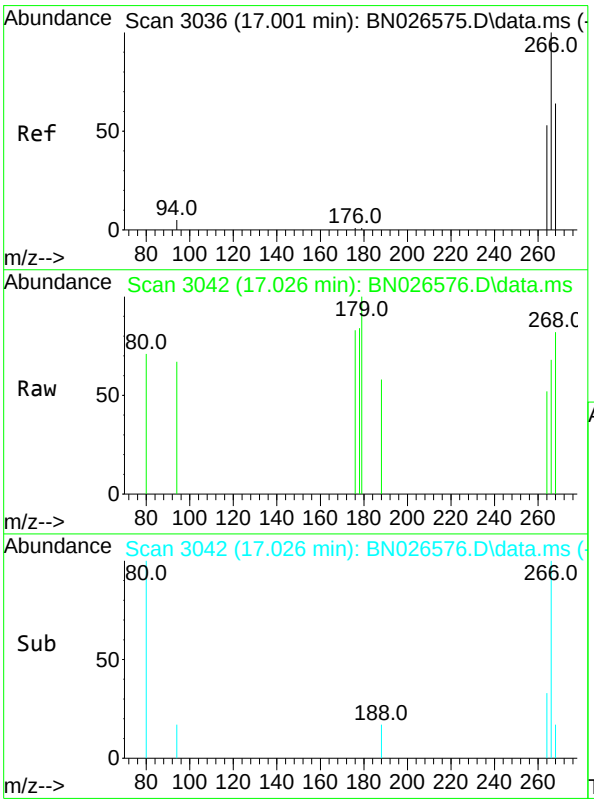
#12
Fluorene
Concen: 0.021 ng/ul
RT: 15.657 min Scan# 2
Delta R.T. 0.019 min
Lab File: BN026576.D
Acq: 18 Jul 2023 22:57

Instrument :
BNA_N
ClientSampleId :
SBLK088

Tgt Ion:166 Resp: 4

Ion	Ratio	Lower	Upper
166	100		
165	127.7	80.6	120.8#
167	87.7	12.0	18.0#

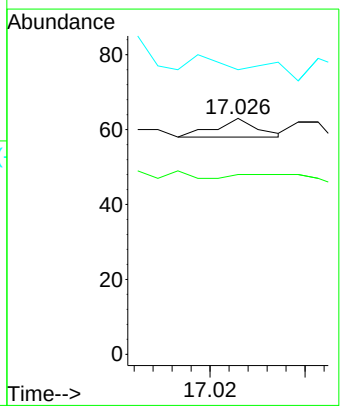


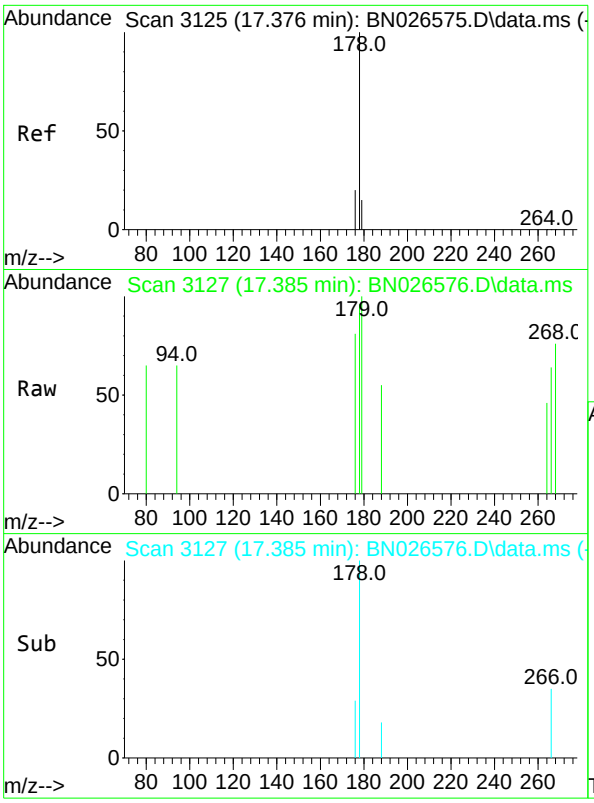


#14
Pentachlorophenol
Concen: 0.264 ng/ul
RT: 17.026 min Scan# 3042
Delta R.T. 0.025 min
Lab File: BN026576.D
Acq: 18 Jul 2023 22:57

Tgt Ion:266 Resp: 3

Ion	Ratio	Lower	Upper
266	100		
264	100.0	52.0	78.0#
268	200.0	53.0	79.6#



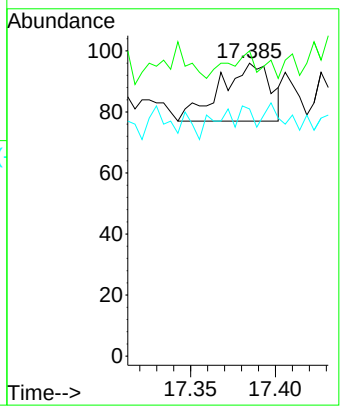


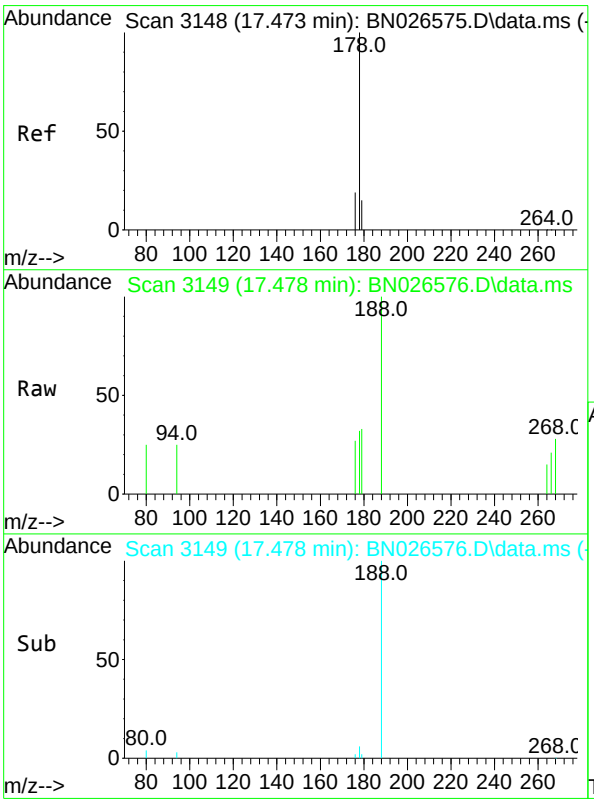
#15
Phenanthrene
Concen: 0.272 ng/ul
RT: 17.385 min Scan# 31
Delta R.T. 0.008 min
Lab File: BN026576.D
Acq: 18 Jul 2023 22:57

Instrument :
BNA_N
ClientSampleId :
SBLK088

Tgt Ion:178 Resp: 39

Ion	Ratio	Lower	Upper
178	100		
179	104.2	13.7	20.5#
176	84.4	16.5	24.7#

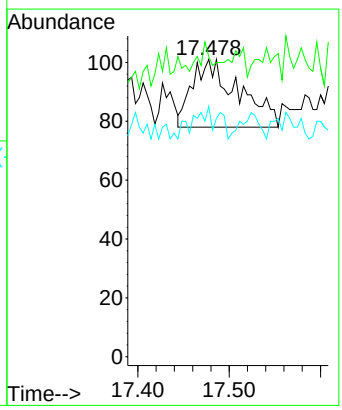


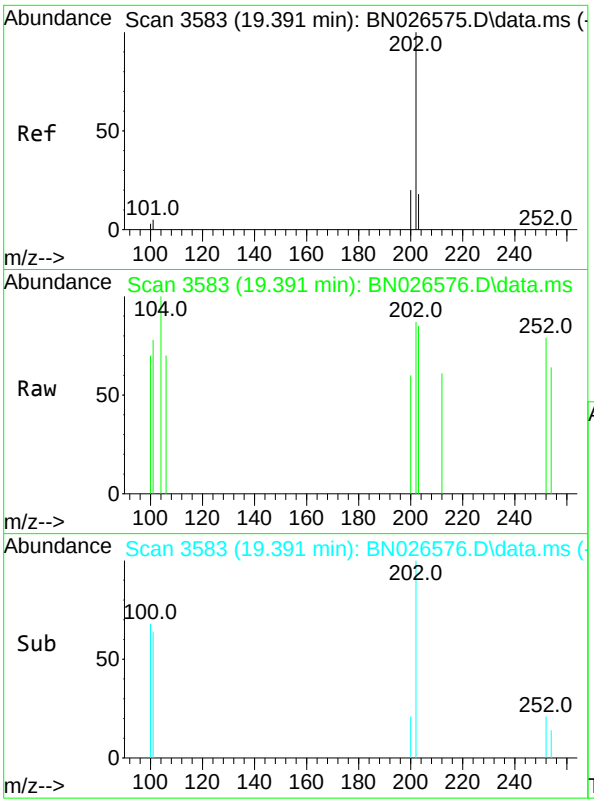


#16
Anthracene
Concen: 0.651 ng/ul
RT: 17.478 min Scan# 3149
Delta R.T. 0.004 min
Lab File: BN026576.D
Acq: 18 Jul 2023 22:57

Tgt Ion:178 Resp: 81

Ion	Ratio	Lower	Upper
178	100		
179	101.0	14.8	22.2#
176	84.2	16.6	25.0#



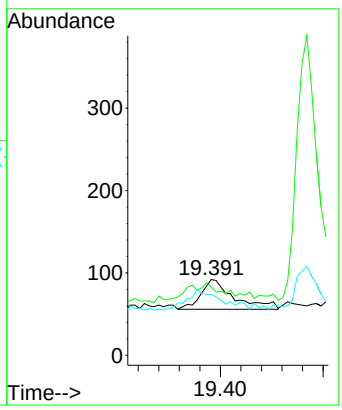


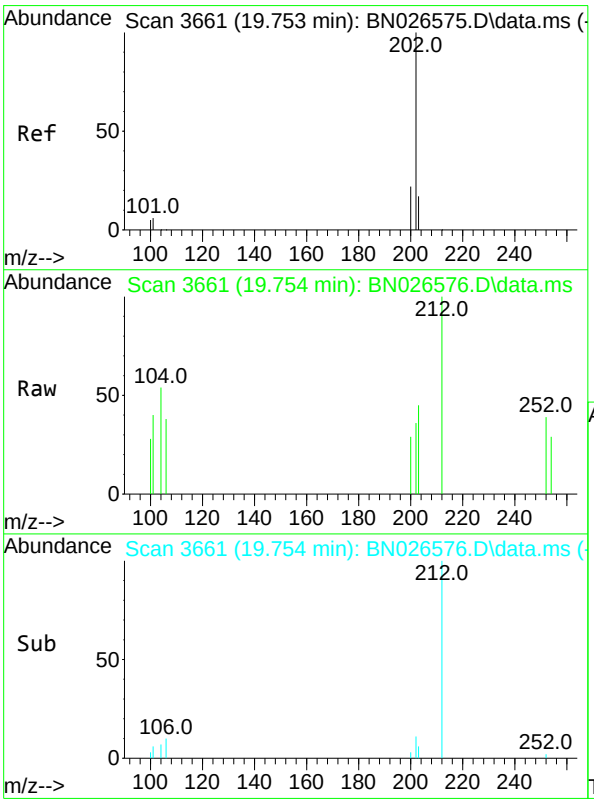
#19
Fluoranthene
Concen: 0.461 ng/ul
RT: 19.391 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN026576.D
Acq: 18 Jul 2023 22:57

Instrument :
BNA_N
ClientSampleId :
SBLK088

Tgt Ion:202 Resp: 80

Ion	Ratio	Lower	Upper
202	100		
101	90.2	7.0	10.4#
100	80.4	6.0	9.0#

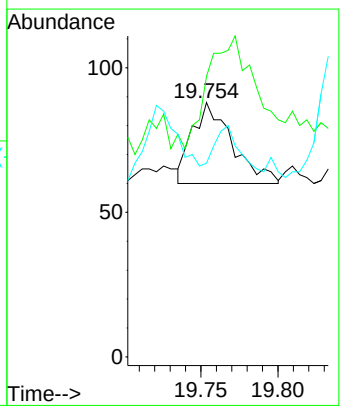


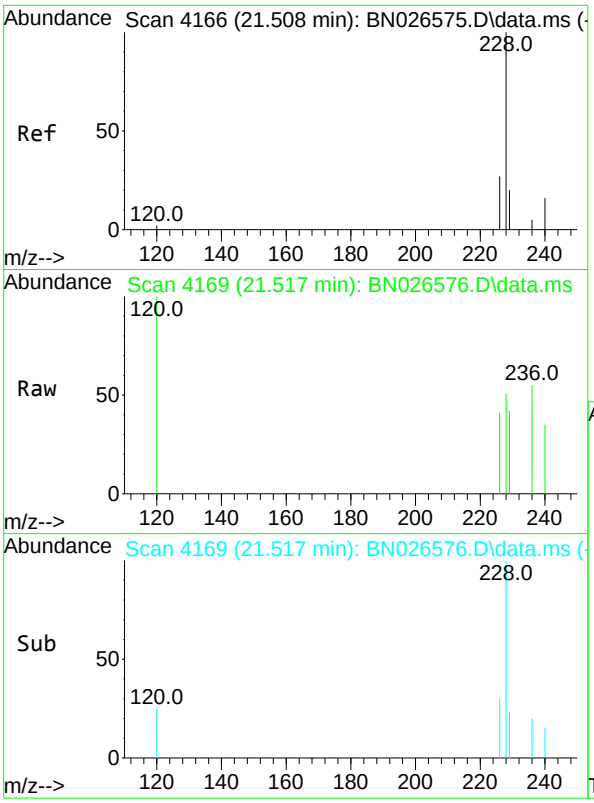


#20
Pyrene
Concen: 0.265 ng/ul
RT: 19.754 min Scan# 3661
Delta R.T. 0.000 min
Lab File: BN026576.D
Acq: 18 Jul 2023 22:57

Tgt Ion:202 Resp: 50

Ion	Ratio	Lower	Upper
202	100		
101	110.2	8.0	12.0#
100	76.1	6.2	9.2#



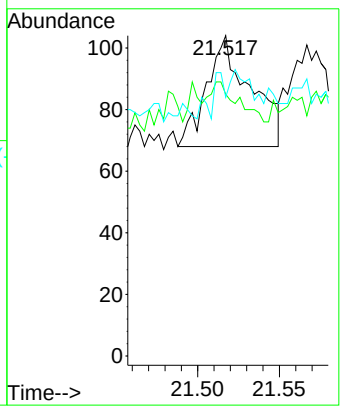


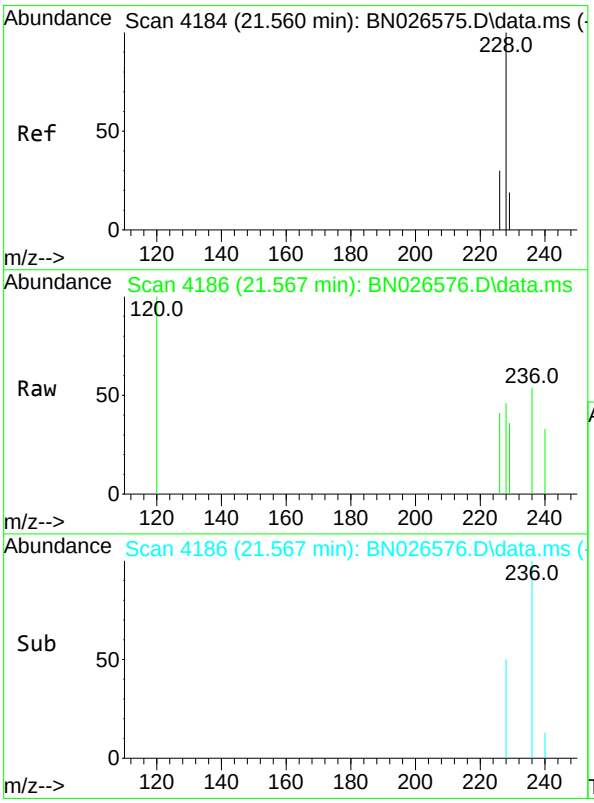
#21
Benzo(a)anthracene
Concen: 0.500 ng/ul
RT: 21.517 min Scan# 41
Delta R.T. 0.009 min
Lab File: BN026576.D
Acq: 18 Jul 2023 22:57

Instrument :
BNA_N
ClientSampleId :
SBLK088

Tgt Ion:228 Resp: 68

Ion	Ratio	Lower	Upper
228	100		
229	81.7	16.7	25.1#
226	80.8	23.5	35.3#

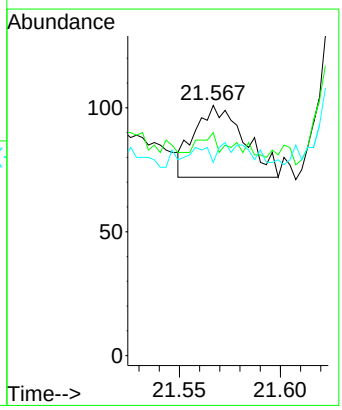


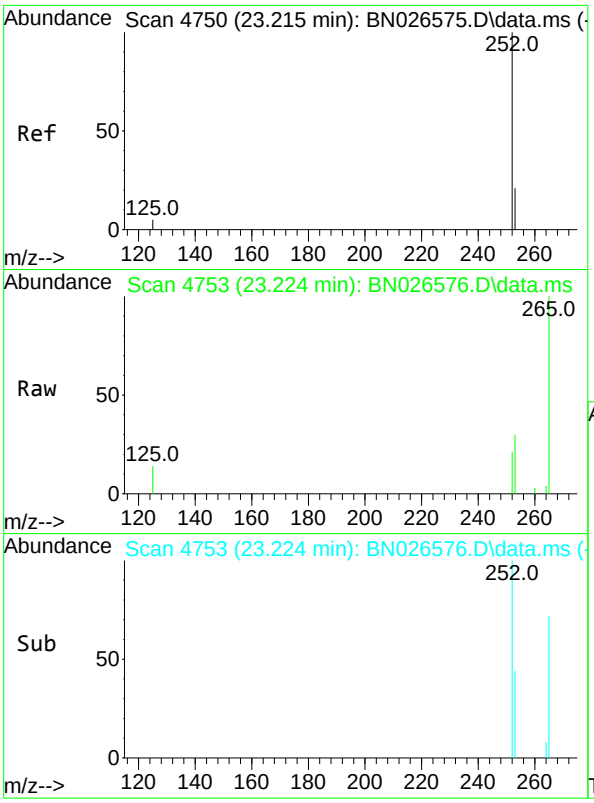


#22
Chrysene
Concen: 0.317 ng/ul
RT: 21.567 min Scan# 4186
Delta R.T. 0.006 min
Lab File: BN026576.D
Acq: 18 Jul 2023 22:57

Tgt Ion:228 Resp: 49

Ion	Ratio	Lower	Upper
228	100		
226	89.1	25.2	37.8#
229	77.2	16.4	24.6#



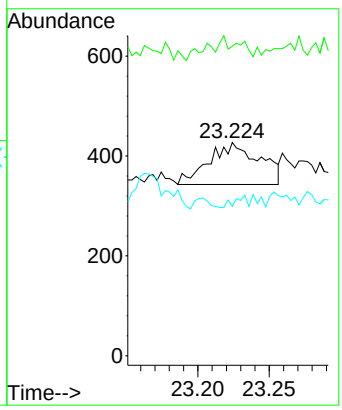


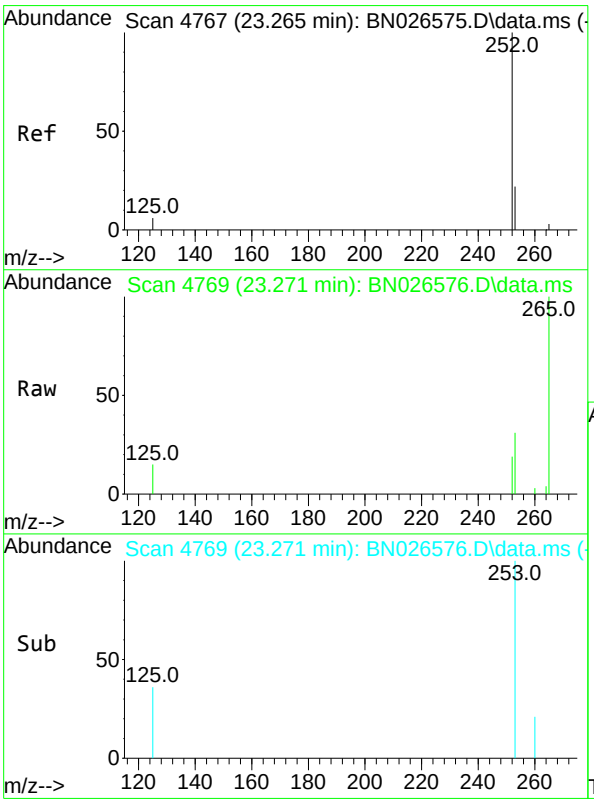
#24
Benzo(b)fluoranthene
Concen: 2.203 ng/ul
RT: 23.224 min Scan# 4
Delta R.T. 0.009 min
Lab File: BN026576.D
Acq: 18 Jul 2023 22:57

Instrument :
BNA_N
ClientSampleId :
SBLK088

Tgt Ion:252 Resp: 206

Ion	Ratio	Lower	Upper
252	100		
253	145.2	0.0	68.6#
125	70.0	0.0	34.0#

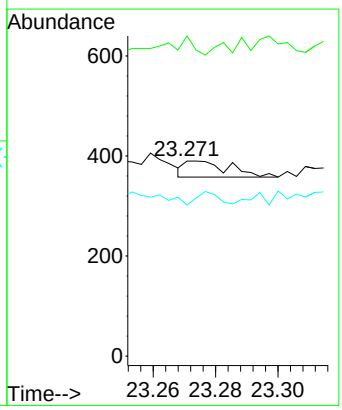


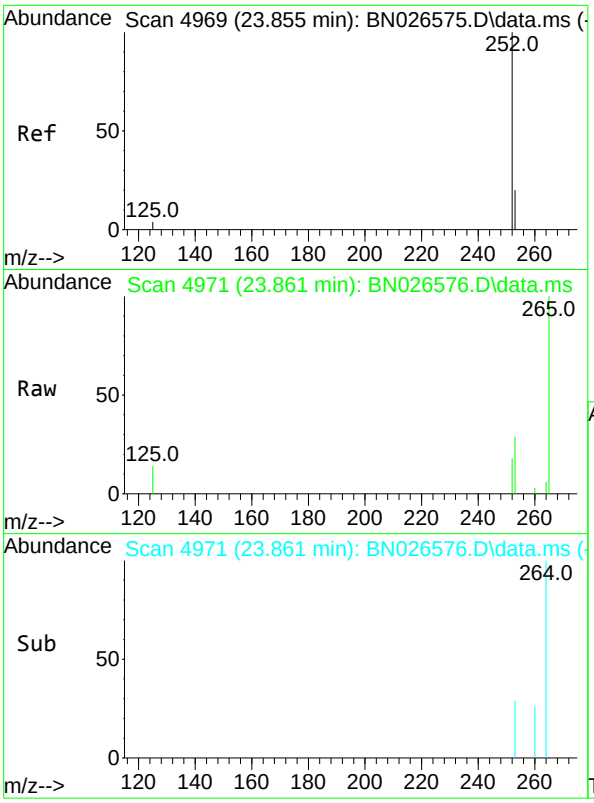


#25
Benzo(k)fluoranthene
Concen: 0.327 ng/ul
RT: 23.271 min Scan# 4769
Delta R.T. 0.006 min
Lab File: BN026576.D
Acq: 18 Jul 2023 22:57

Tgt Ion:252 Resp: 32

Ion	Ratio	Lower	Upper
252	100		
253	164.1	27.2	40.8#
125	77.4	13.4	20.2#



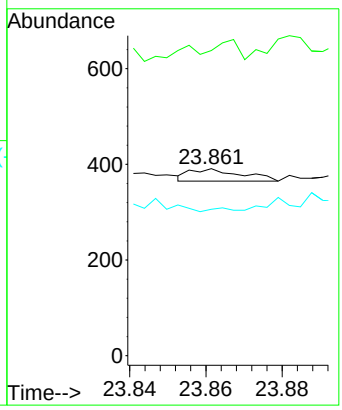


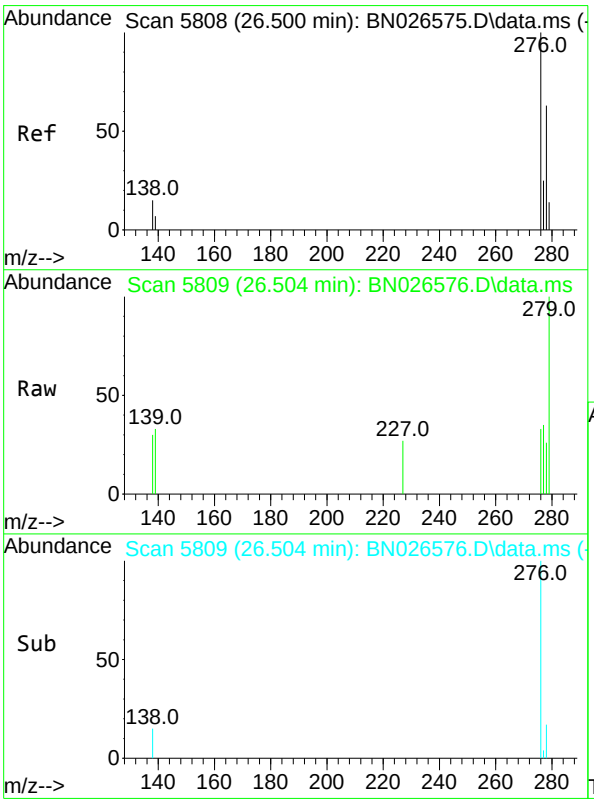
#26
Benzo(a)pyrene
Concen: 0.288 ng/ul
RT: 23.861 min Scan# 4
Delta R.T. 0.006 min
Lab File: BN026576.D
Acq: 18 Jul 2023 22:57

Instrument :
BNA_N
ClientSampleId :
SBLK088

Tgt Ion:252 Resp: 24

Ion	Ratio	Lower	Upper
252	100		
253	163.2	32.6	49.0#
125	78.3	19.3	28.9#

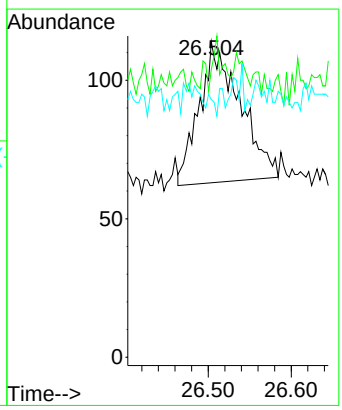


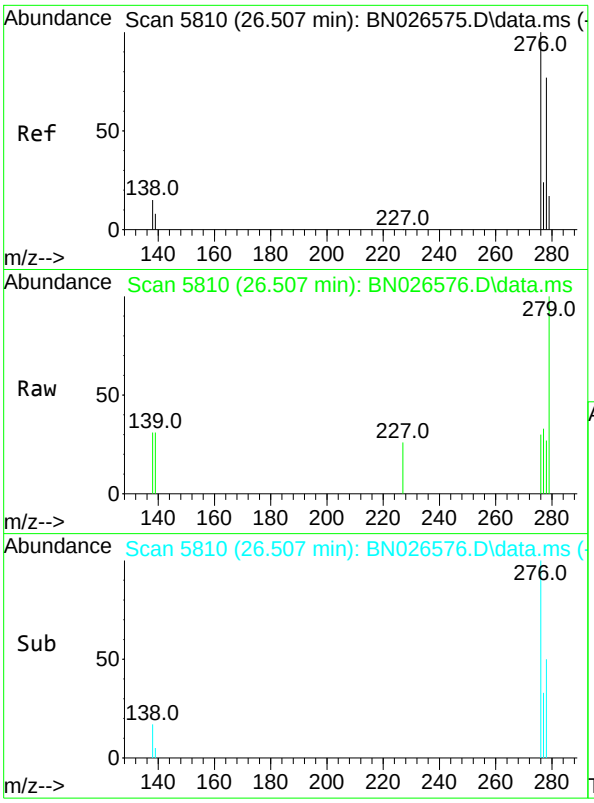


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.576 ng/ul
RT: 26.504 min Scan# 5809
Delta R.T. 0.004 min
Lab File: BN026576.D
Acq: 18 Jul 2023 22:57

Tgt Ion:276 Resp: 172

Ion	Ratio	Lower	Upper
276	100		
138	2.9	22.2	33.4#
227	2.3	0.1	0.1#



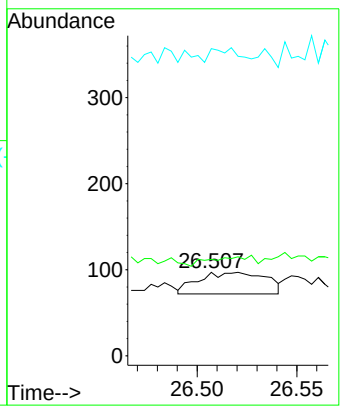


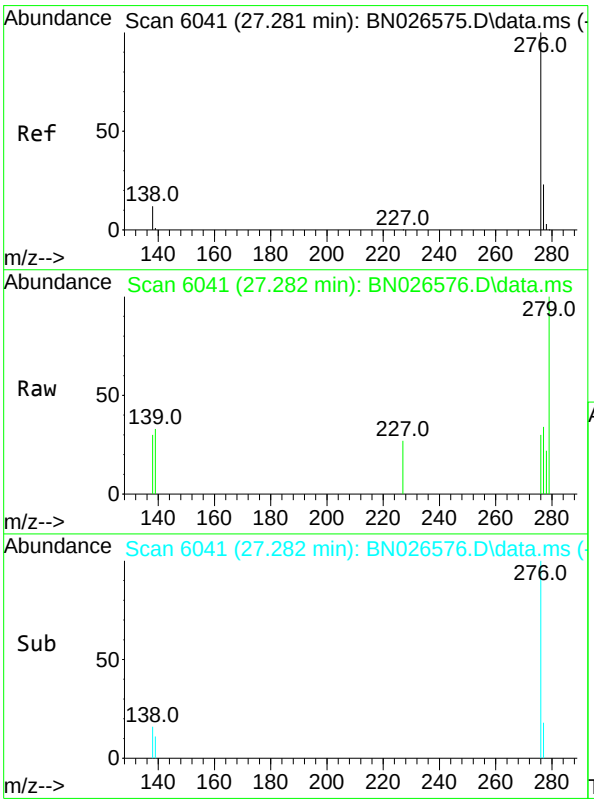
#28
Dibenzo(a,h)anthracene
Concen: 0.705 ng/ul
RT: 26.507 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN026576.D
Acq: 18 Jul 2023 22:57

Instrument :
BNA_N
ClientSampleId :
SBLK088

Tgt Ion:278 Resp: 59

Ion	Ratio	Lower	Upper
278	100		
139	115.5	18.9	28.3#
279	368.0	31.3	46.9#





#29
Benzo(g,h,i)perylene
Concen: 1.547 ng/ul
RT: 27.282 min Scan# 6041
Delta R.T. 0.000 min
Lab File: BN026576.D
Acq: 18 Jul 2023 22:57

Tgt Ion:276 Resp: 149

Ion	Ratio	Lower	Upper
276	100		
138	101.0	22.6	34.0#
277	115.8	21.8	32.8#