Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
Data File : BN026575.D
Acq On : 18 Jul 2023 22:20
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 19 00:19:17 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 : Wed Jul 19 00:15:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	1448	0.400	ng/ul	0.00
4) Naphthalene-d8	10.748	136	4898	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.575	164	3158	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.334	188	6485	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.523	240	6214	0.400	ng/ul	#-0.01
23) Perylene-d12	23.960	264	6593	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.289	96	937	0.491	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.343	152	2777	0.417	ng/ul	0.00
18) Fluoranthene-d10	19.358	212	8487	0.394	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	920	0.510	ng/ul#	90
5) Naphthalene	10.798	128	5204	0.387	ng/ul	97
7) 2-Methylnaphthalene	12.420	142	3004	0.394	ng/ul	100
8) 1-Methylnaphthalene	12.629	142	3455	0.423	ng/ul	100
10) Acenaphthylene	14.302	152	6178	0.399	ng/ul	99
11) Acenaphthene	14.639	153	4670	0.396	ng/ul	99
12) Fluorene	15.639	166	5233	0.423	ng/ul	99
14) Pentachlorophenol	17.001	266	717	0.438	ng/ul	96
15) Phenanthrene	17.376	178	8146	0.394	ng/ul	100
16) Anthracene	17.473	178	7478	0.417	ng/ul	99
19) Fluoranthene	19.391	202	10619	0.365	ng/ul#	94
20) Pyrene	19.753	202	11518	0.364	ng/ul#	93
21) Benzo(a)anthracene	21.508	228	8894	0.389	ng/ul	99
22) Chrysene	21.560	228	9816	0.378	ng/ul	99
24) Benzo(b)fluoranthene	23.215	252	9135	0.356	ng/ul	92
25) Benzo(k)fluoranthene	23.265	252	10830	0.402	ng/ul#	93
26) Benzo(a)pyrene	23.855	252	8925	0.390	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.500	276	12627	0.421	ng/ul#	76
28) Dibenzo(a,h)anthracene	26.507	278	10206	0.444	ng/ul#	88
29) Benzo(g,h,i)perylene	27.281	276	10861	0.411	ng/ul#	86

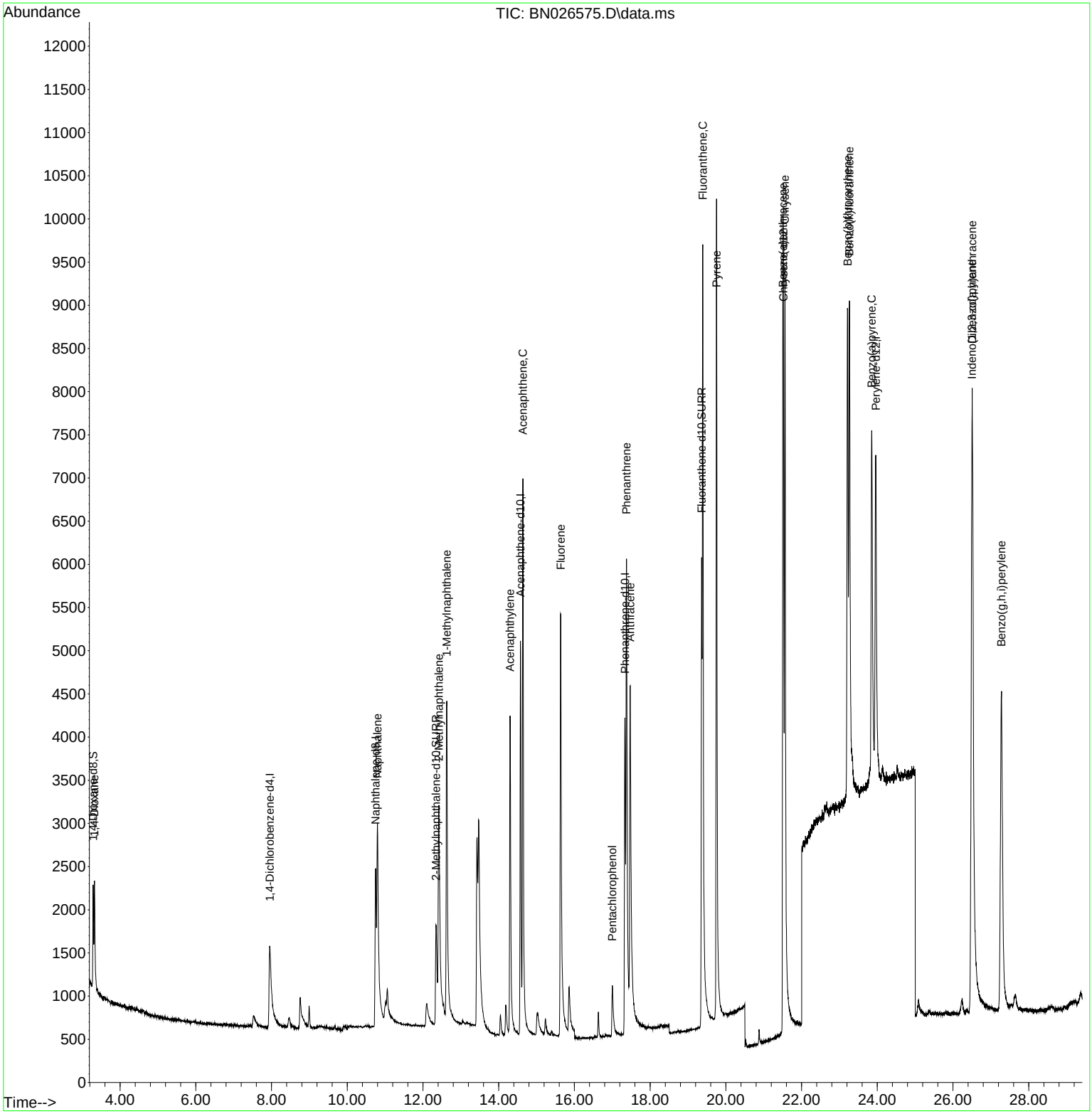
(#) = qualifier out of range (m) = manual integration (+) = signals summed

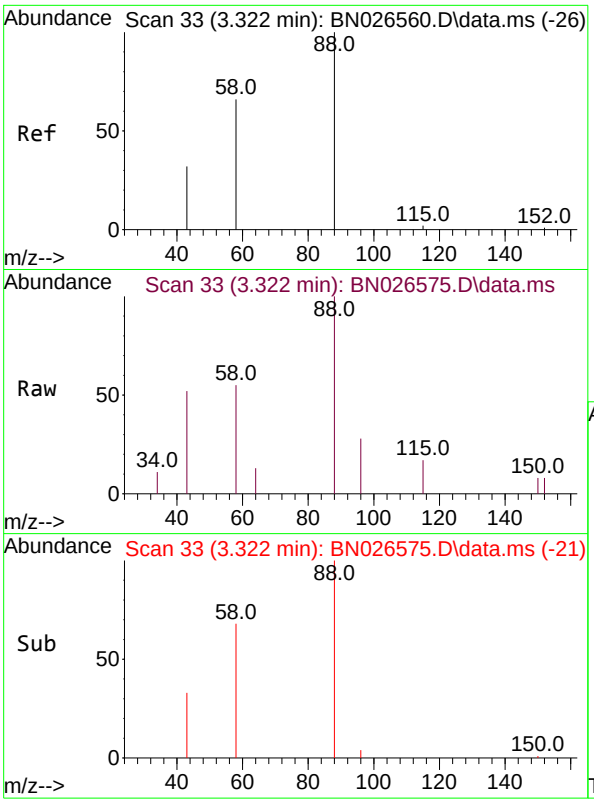
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
Data File : BN026575.D
Acq On : 18 Jul 2023 22:20
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 19 00:19:17 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 : Wed Jul 19 00:15:47 2023
Response via : Initial Calibration



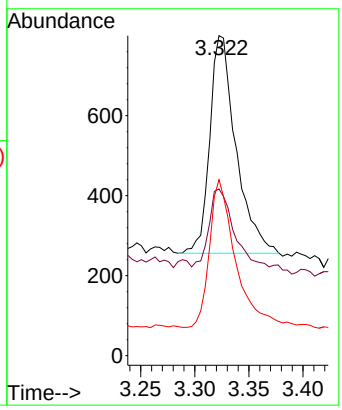


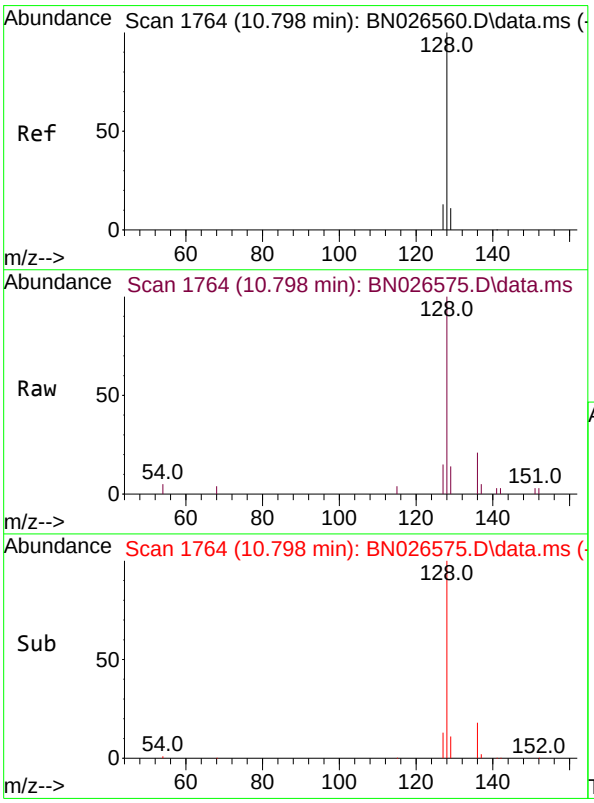
#2
1,4-Dioxane
Concen: 0.510 ng/ul
RT: 3.322 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN026575.D
Acq: 18 Jul 2023 22:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 88 Resp: 920

Ion	Ratio	Lower	Upper
88	100		
43	52.1	33.0	49.6#
58	55.0	41.7	62.5

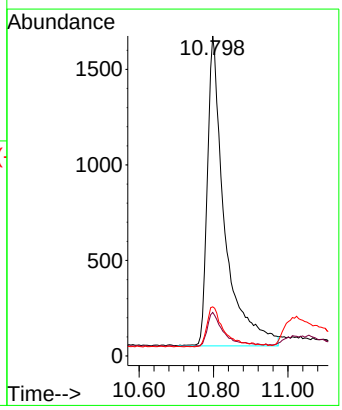


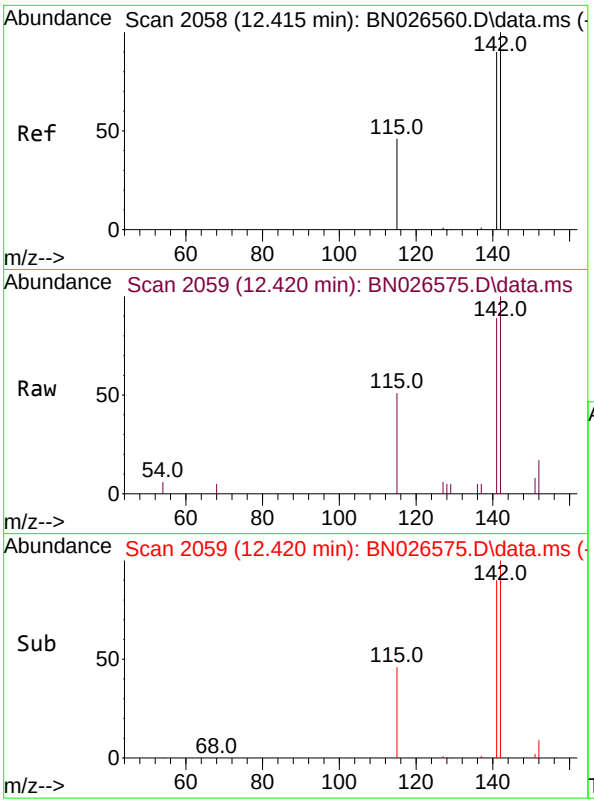


#5
Naphthalene
Concen: 0.387 ng/ul
RT: 10.798 min Scan# 1764
Delta R.T. -0.000 min
Lab File: BN026575.D
Acq: 18 Jul 2023 22:20

Tgt Ion:128 Resp: 5204

Ion	Ratio	Lower	Upper
128	100		
129	13.6	10.2	15.2
127	15.3	11.4	17.0



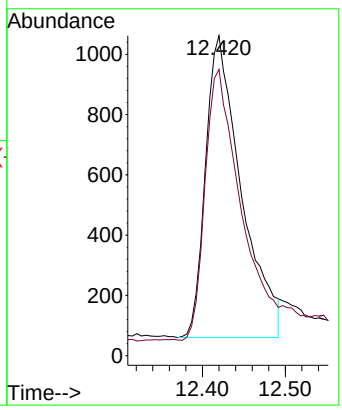


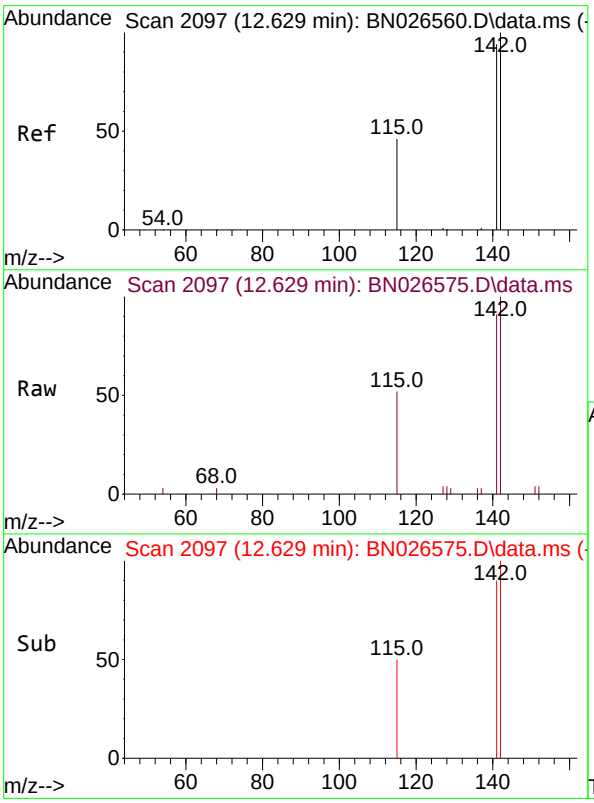
#7
2-Methylnaphthalene
Concen: 0.394 ng/ul
RT: 12.420 min Scan# 2
Delta R.T. 0.005 min
Lab File: BN026575.D
Acq: 18 Jul 2023 22:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 3004

Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.3	108.5

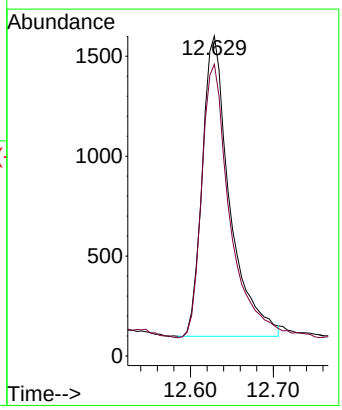


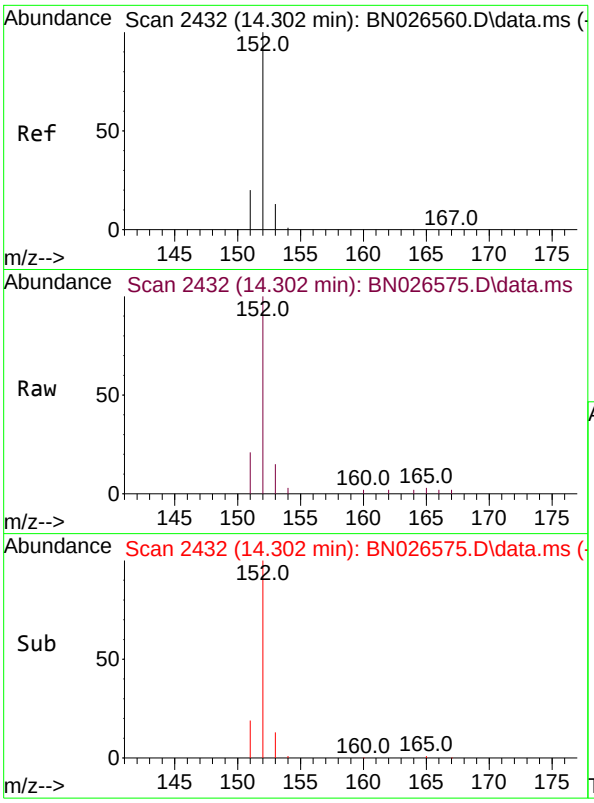


#8
1-Methylnaphthalene
Concen: 0.423 ng/ul
RT: 12.629 min Scan# 2097
Delta R.T. -0.000 min
Lab File: BN026575.D
Acq: 18 Jul 2023 22:20

Tgt Ion:142 Resp: 3455

Ion	Ratio	Lower	Upper
142	100		
141	93.1	74.5	111.7



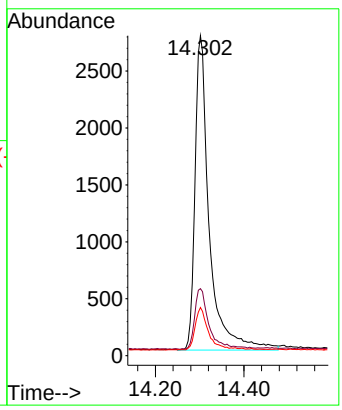


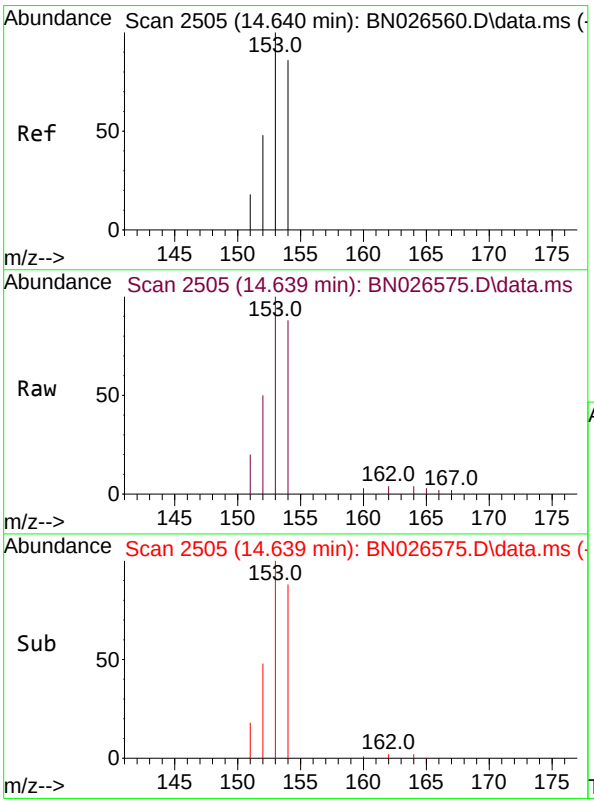
#10
Acenaphthylene
Concen: 0.399 ng/ul
RT: 14.302 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN026575.D
Acq: 18 Jul 2023 22:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 6178

Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.0	25.6
153	15.1	11.4	17.2

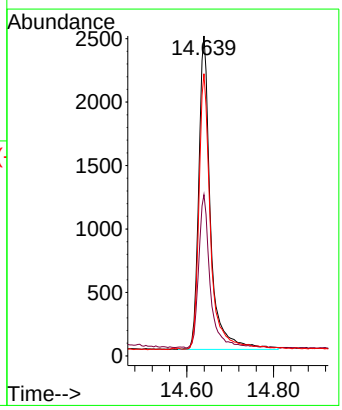


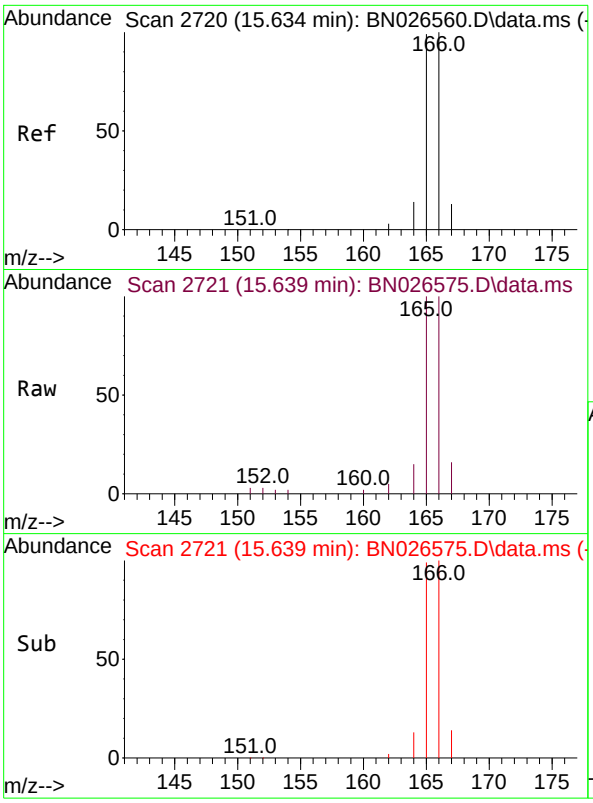


#11
Acenaphthene
Concen: 0.396 ng/ul
RT: 14.639 min Scan# 2505
Delta R.T. -0.000 min
Lab File: BN026575.D
Acq: 18 Jul 2023 22:20

Tgt Ion:153 Resp: 4670

Ion	Ratio	Lower	Upper
153	100		
152	50.4	40.2	60.4
154	88.2	69.3	103.9



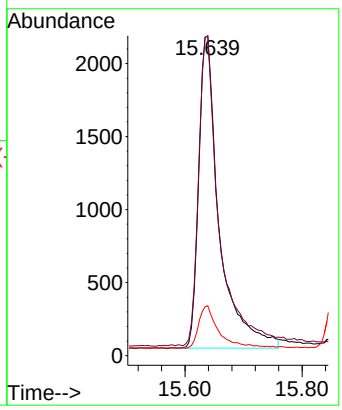


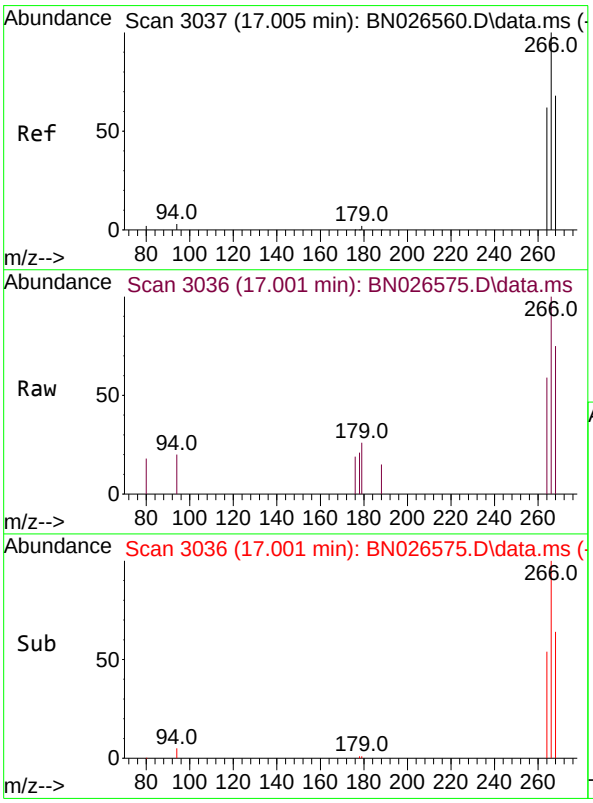
#12
Fluorene
Concen: 0.423 ng/ul
RT: 15.639 min Scan# 2
Delta R.T. 0.004 min
Lab File: BN026575.D
Acq: 18 Jul 2023 22:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 5233

Ion	Ratio	Lower	Upper
166	100		
165	100.2	80.6	120.8
167	15.6	12.0	18.0

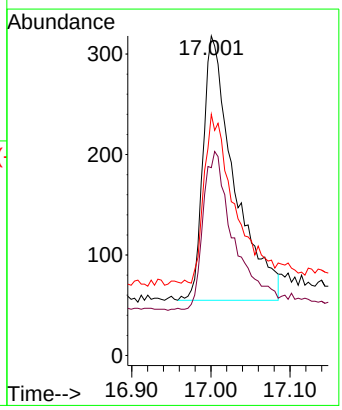


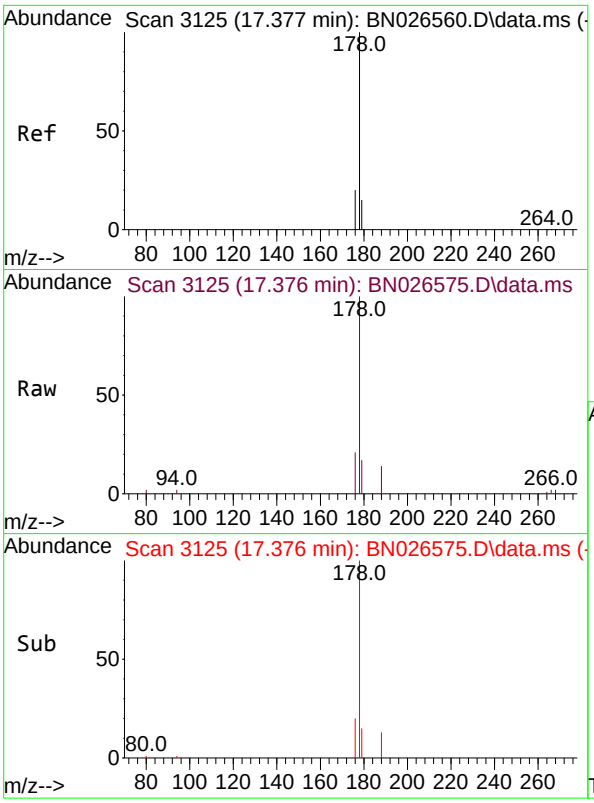


#14
Pentachlorophenol
Concen: 0.438 ng/ul
RT: 17.001 min Scan# 3036
Delta R.T. -0.004 min
Lab File: BN026575.D
Acq: 18 Jul 2023 22:20

Tgt Ion:266 Resp: 717

Ion	Ratio	Lower	Upper
266	100		
264	60.0	52.0	78.0
268	64.6	53.0	79.6



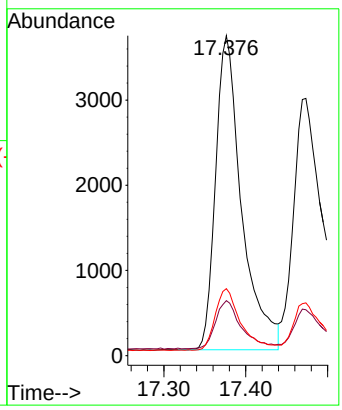


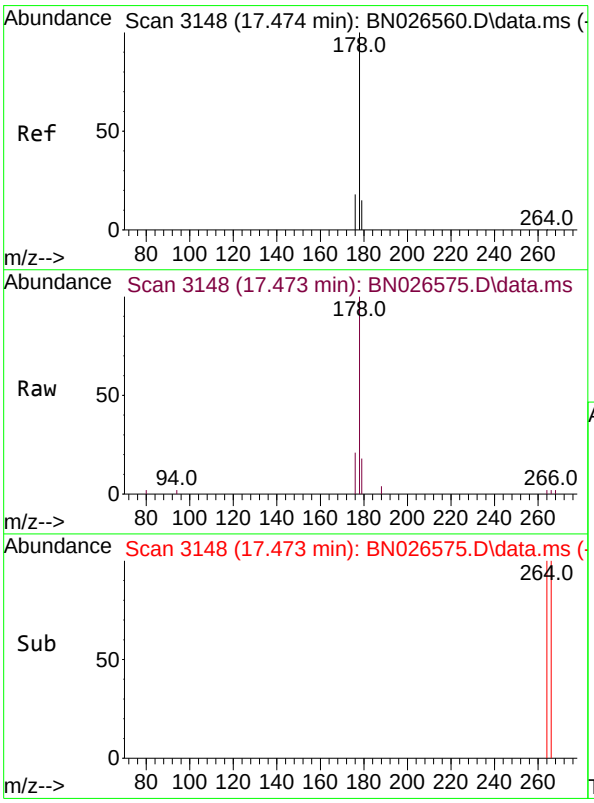
#15
Phenanthrene
Concen: 0.394 ng/ul
RT: 17.376 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN026575.D
Acq: 18 Jul 2023 22:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 8146

Ion	Ratio	Lower	Upper
178	100		
179	17.2	13.7	20.5
176	21.0	16.5	24.7

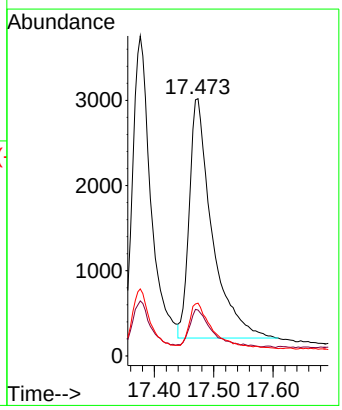


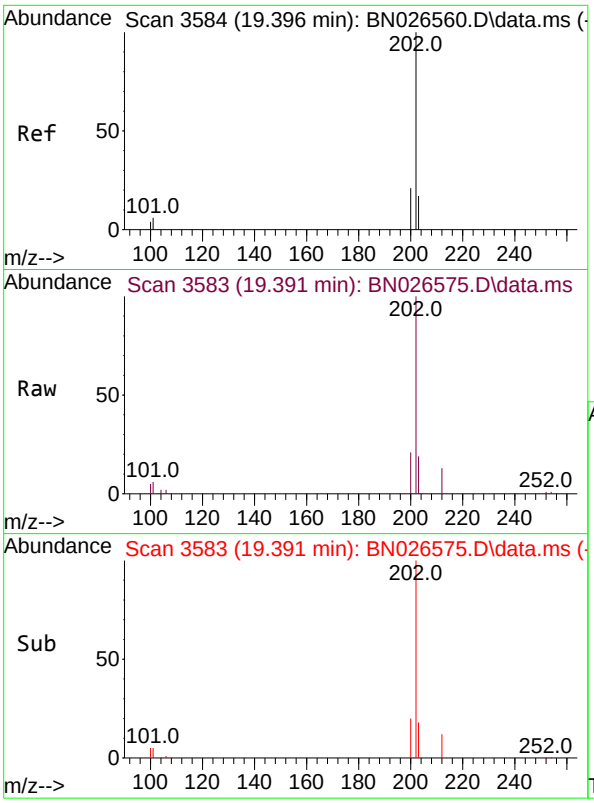


#16
Anthracene
Concen: 0.417 ng/ul
RT: 17.473 min Scan# 3148
Delta R.T. -0.000 min
Lab File: BN026575.D
Acq: 18 Jul 2023 22:20

Tgt Ion:178 Resp: 7478

Ion	Ratio	Lower	Upper
178	100		
179	17.9	14.8	22.2
176	20.5	16.6	25.0



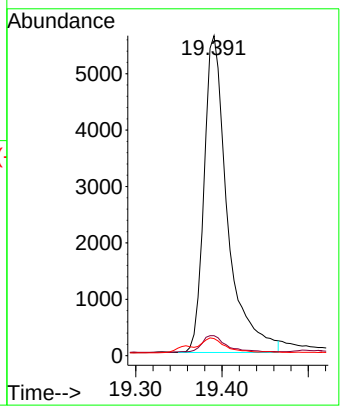


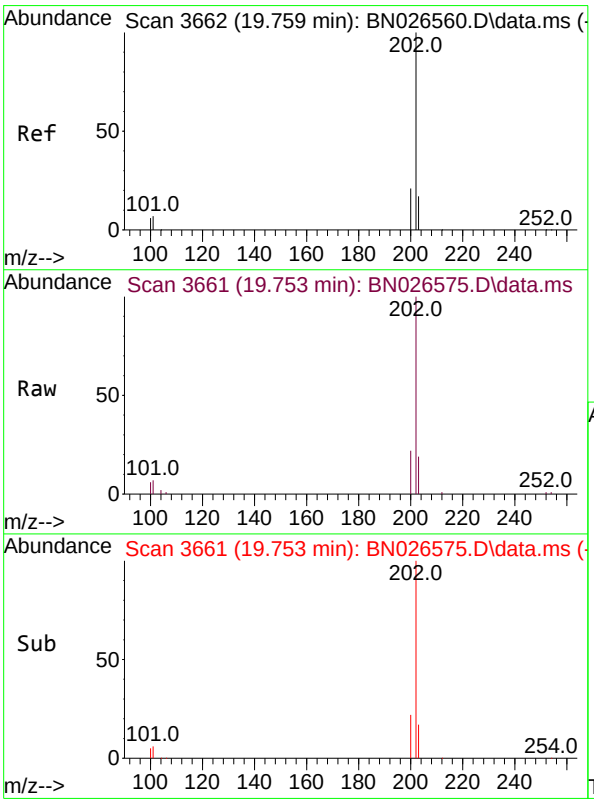
#19
Fluoranthene
Concen: 0.365 ng/ul
RT: 19.391 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN026575.D
Acq: 18 Jul 2023 22:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 10619

Ion	Ratio	Lower	Upper
202	100		
101	6.3	7.0	10.4#
100	5.4	6.0	9.0#

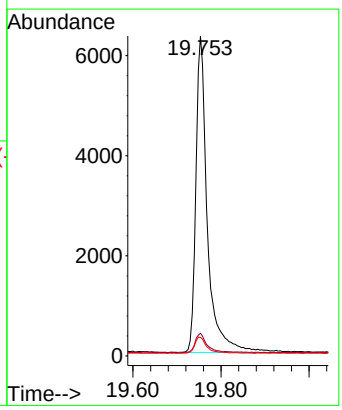


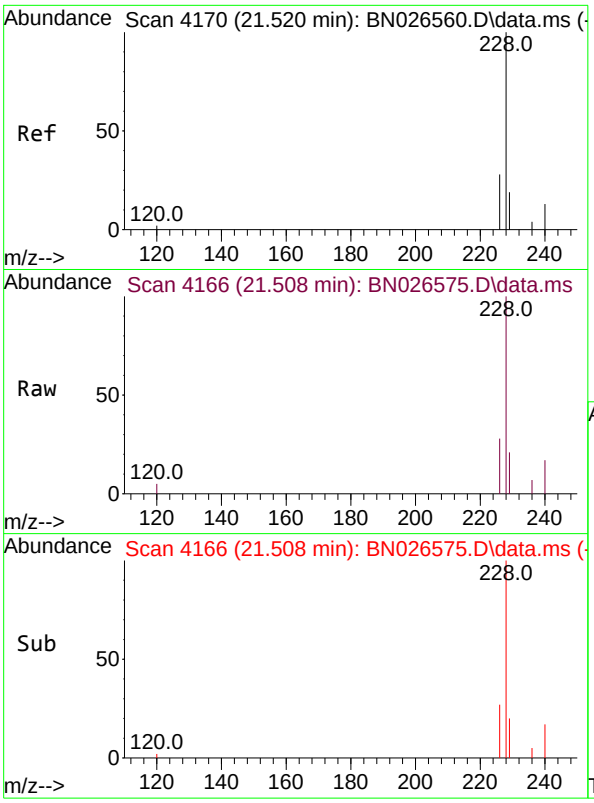


#20
Pyrene
Concen: 0.364 ng/ul
RT: 19.753 min Scan# 3661
Delta R.T. -0.005 min
Lab File: BN026575.D
Acq: 18 Jul 2023 22:20

Tgt Ion:202 Resp: 11518

Ion	Ratio	Lower	Upper
202	100		
101	7.1	8.0	12.0#
100	5.8	6.2	9.2#



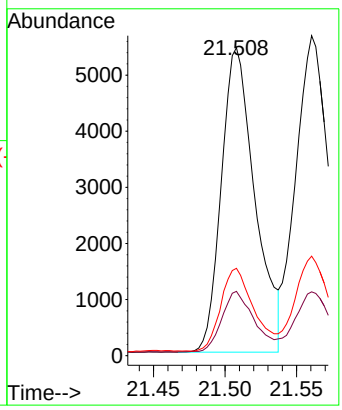


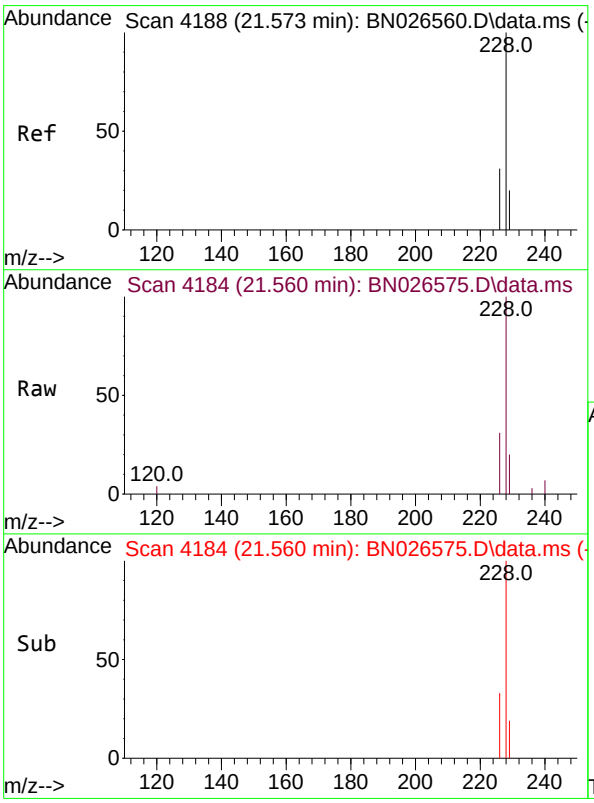
#21
Benzo(a)anthracene
Concen: 0.389 ng/ul
RT: 21.508 min Scan# 4
Delta R.T. -0.012 min
Lab File: BN026575.D
Acq: 18 Jul 2023 22:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 8894

Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.7	25.1
226	28.4	23.5	35.3

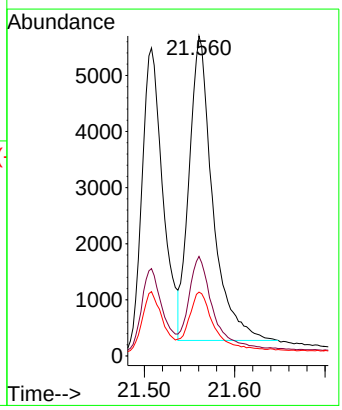


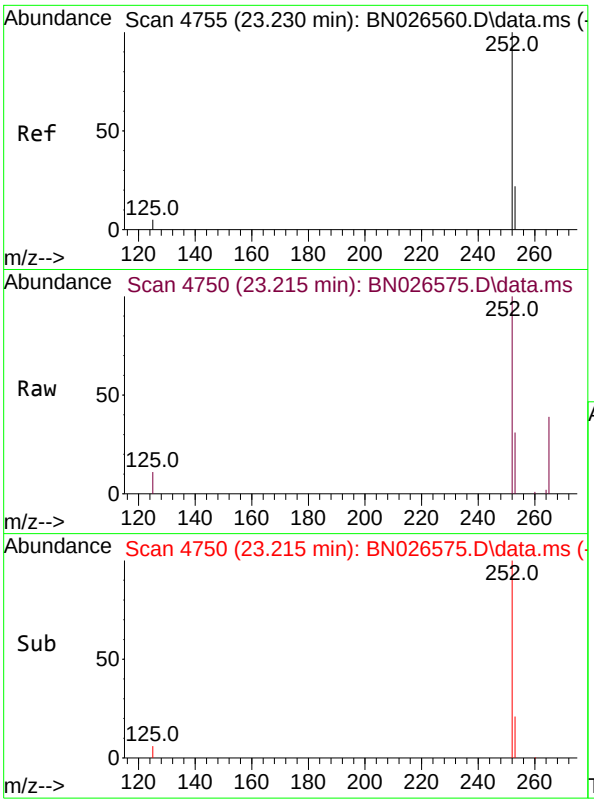


#22
Chrysene
Concen: 0.378 ng/ul
RT: 21.560 min Scan# 4184
Delta R.T. -0.012 min
Lab File: BN026575.D
Acq: 18 Jul 2023 22:20

Tgt Ion:228 Resp: 9816

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.2	37.8
229	20.0	16.4	24.6



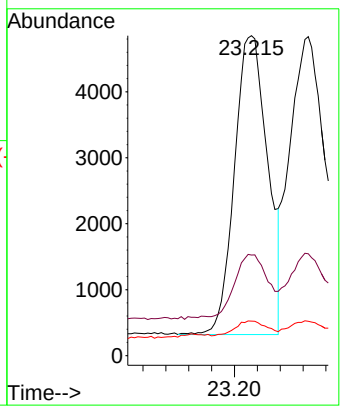


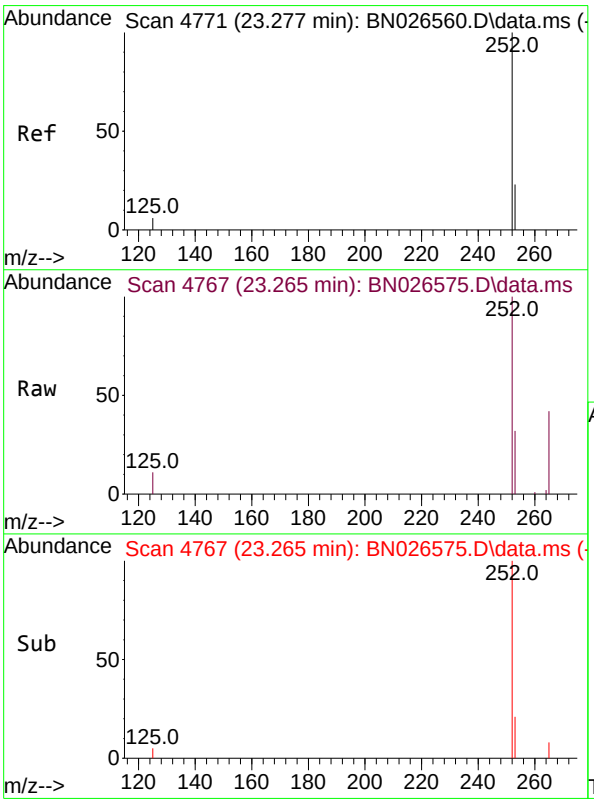
#24
Benzo(b)fluoranthene
Concen: 0.356 ng/ul
RT: 23.215 min Scan# 4
Delta R.T. -0.015 min
Lab File: BN026575.D
Acq: 18 Jul 2023 22:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 9135

Ion	Ratio	Lower	Upper
252	100		
253	31.4	0.0	68.6
125	10.8	0.0	34.0

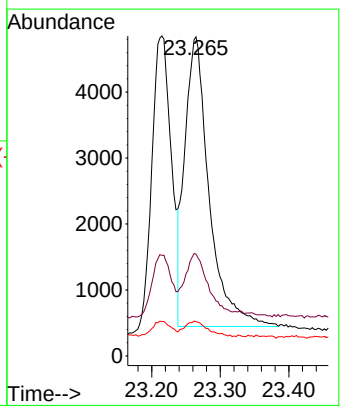


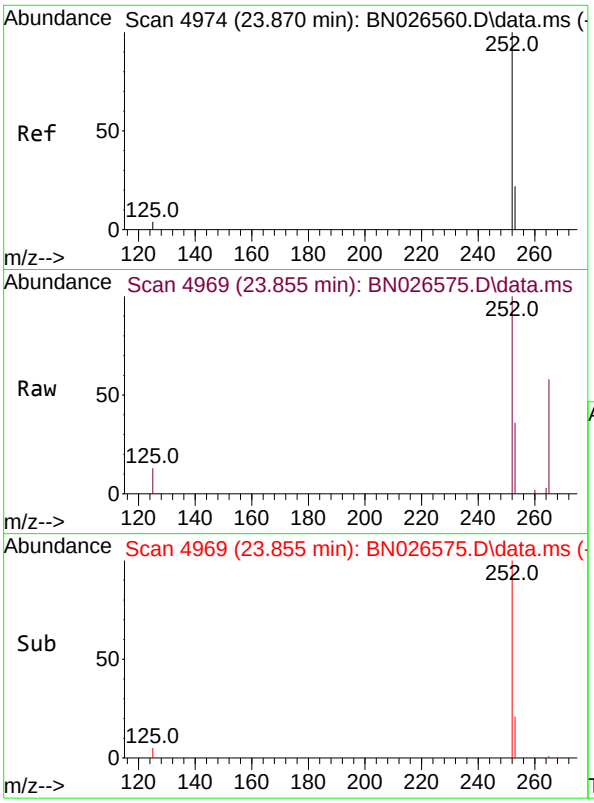


#25
Benzo(k)fluoranthene
Concen: 0.402 ng/ul
RT: 23.265 min Scan# 4767
Delta R.T. -0.012 min
Lab File: BN026575.D
Acq: 18 Jul 2023 22:20

Tgt Ion:252 Resp: 10830

Ion	Ratio	Lower	Upper
252	100		
253	31.9	27.2	40.8
125	10.8	13.4	20.2#



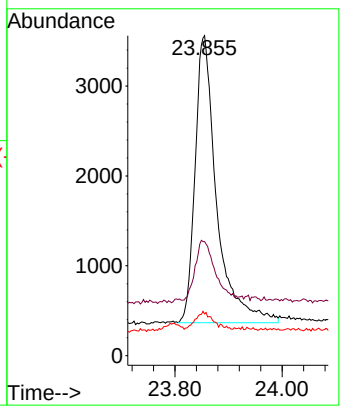


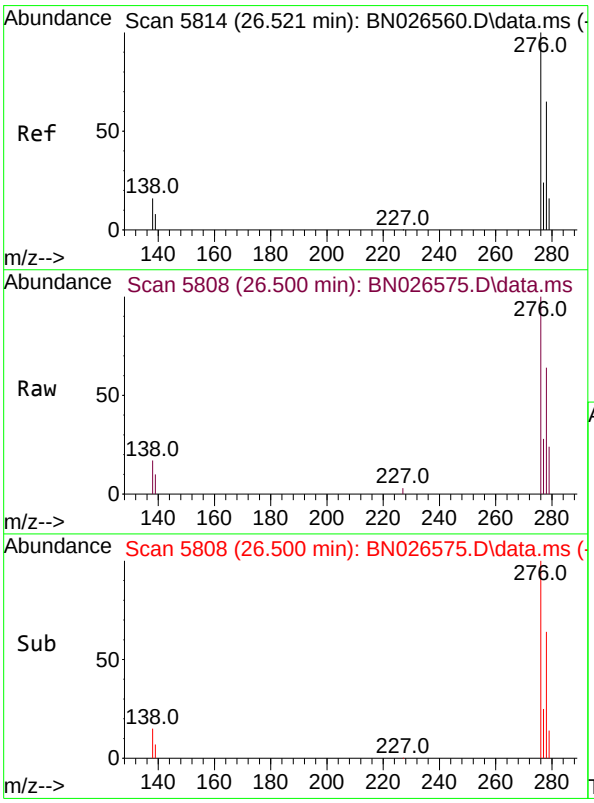
#26
Benzo(a)pyrene
Concen: 0.390 ng/ul
RT: 23.855 min Scan# 4
Delta R.T. -0.015 min
Lab File: BN026575.D
Acq: 18 Jul 2023 22:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 8925

Ion	Ratio	Lower	Upper
252	100		
253	35.6	32.6	49.0
125	13.1	19.3	28.9#

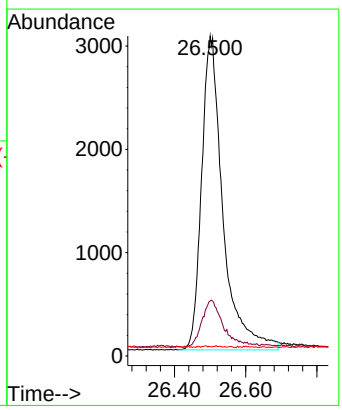


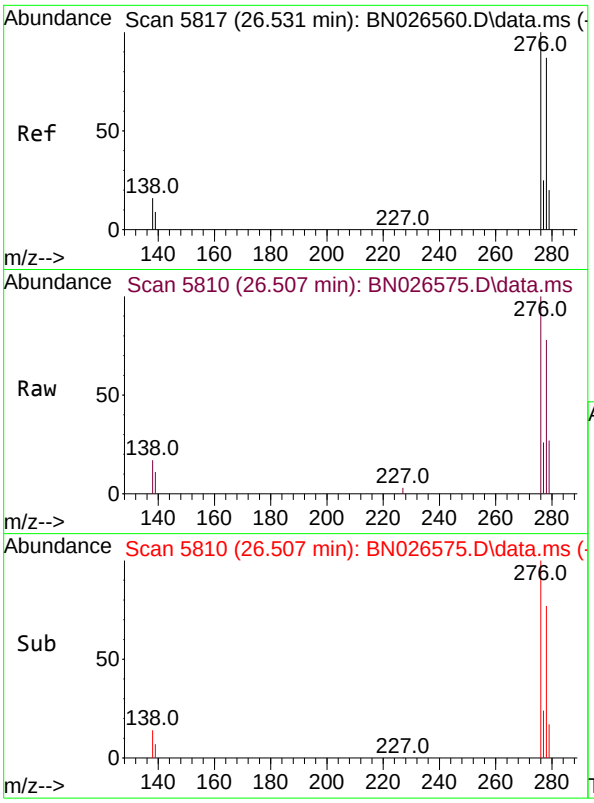


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.421 ng/ul
RT: 26.500 min Scan# 5808
Delta R.T. -0.021 min
Lab File: BN026575.D
Acq: 18 Jul 2023 22:20

Tgt Ion:276 Resp: 12627

Ion	Ratio	Lower	Upper
276	100		
138	15.4	22.2	33.4#
227	0.1	0.1	0.1#



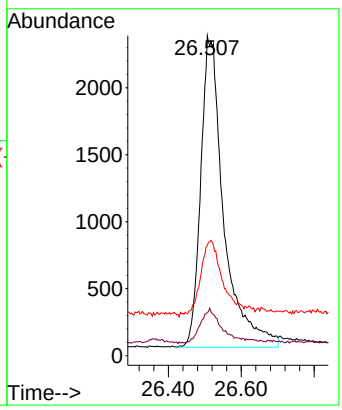


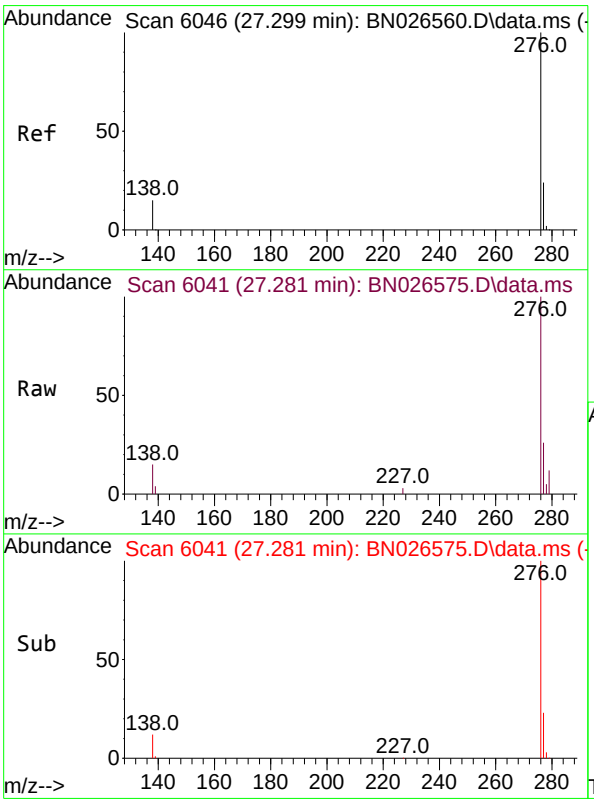
#28
Dibenzo(a,h)anthracene
Concen: 0.444 ng/ul
RT: 26.507 min Scan# 5
Delta R.T. -0.024 min
Lab File: BN026575.D
Acq: 18 Jul 2023 22:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 10206

Ion	Ratio	Lower	Upper
278	100		
139	13.5	18.9	28.3#
279	34.5	31.3	46.9





#29
Benzo(g,h,i)perylene
Concen: 0.411 ng/ul
RT: 27.281 min Scan# 6041
Delta R.T. -0.017 min
Lab File: BN026575.D
Acq: 18 Jul 2023 22:20

Tgt Ion:276 Resp: 10861

Ion	Ratio	Lower	Upper
276	100		
138	15.0	22.6	34.0#
277	26.4	21.8	32.8