Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071922\
Data File : BN020780.D
Acq On : 19 Jul 2022 18:23
Operator : CG/JU
Sample : PB146295BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS295

Quant Time: Jul 20 01:05:29 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 01:02:30 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	2291	0.400	ng/ul	0.00
4) Naphthalene-d8	10.623	136	9167	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.475	164	5530	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.226	188	11694	0.400	ng/ul	0.00
17) Chrysene-d12	21.430	240	9228	0.400	ng/ul	0.00
23) Perylene-d12	23.780	264	8600	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	2169	0.817	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.223	152	5633	0.374	ng/ul	0.00
18) Fluoranthene-d10	19.263	212	13745	0.452	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.256	88	5783	2.134	ng/ul#	84
5) Naphthalene	10.667	128	11010	0.389	ng/ul	100
7) 2-Methylnaphthalene	12.294	142	7072	0.373	ng/ul	99
8) 1-Methylnaphthalene	12.514	142	7512	0.418	ng/ul	100
10) Acenaphthylene	14.193	152	10326	0.394	ng/ul	100
11) Acenaphthene	14.535	153	8427	0.402	ng/ul	100
12) Fluorene	15.530	166	9482	0.381	ng/ul	99
14) Pentachlorophenol	16.888	266	1333	0.565	ng/ul	99
15) Phenanthrene	17.264	178	16246	0.400	ng/ul	99
16) Anthracene	17.361	178	13347	0.380	ng/ul	100
19) Fluoranthene	19.291	202	19233	0.456	ng/ul	98
20) Pyrene	19.653	202	19872	0.455	ng/ul	97
21) Benzo(a)anthracene	21.415	228	12578	0.379	ng/ul	100
22) Chrysene	21.468	228	15531	0.421	ng/ul	100
24) Benzo(b)fluoranthene	23.066	252	15531	0.390	ng/ul	97
25) Benzo(k)fluoranthene	23.113	252	16366	0.407	ng/ul	99
26) Benzo(a)pyrene	23.677	252	15499	0.429	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	26.212	276	16977	0.472	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.232	278	13136	0.452	ng/ul	100
29) Benzo(g,h,i)perylene	26.950	276	15143	0.490	ng/ul	99

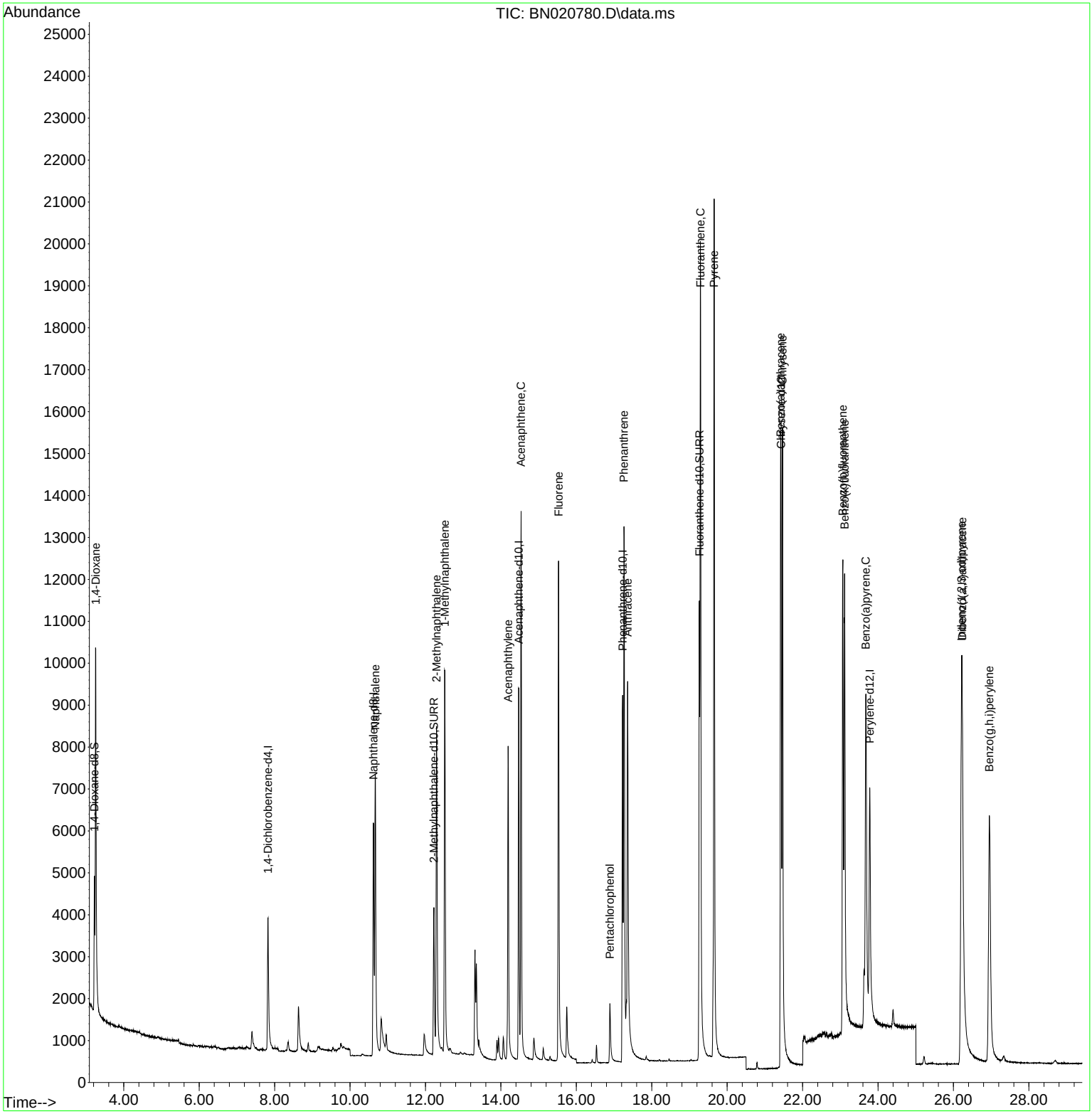
(#) = qualifier out of range (m) = manual integration (+) = signals summed

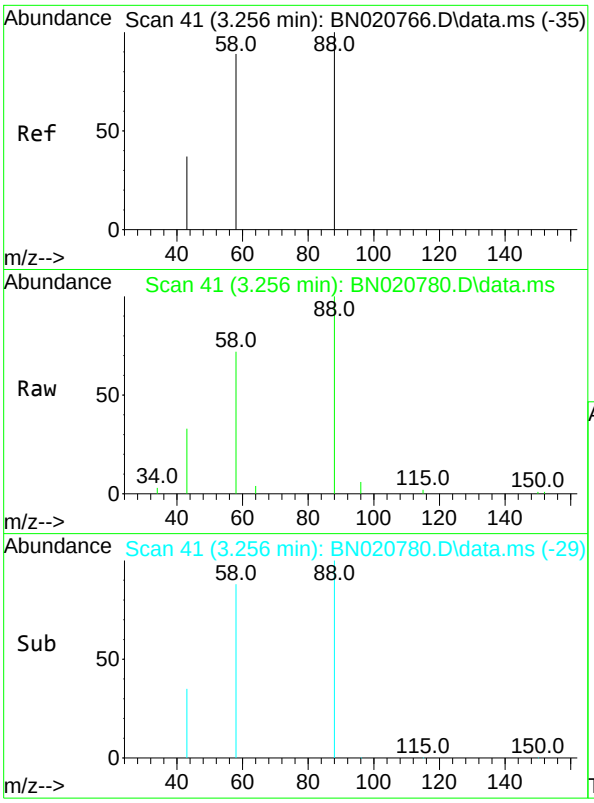
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071922\
Data File : BN020780.D
Acq On : 19 Jul 2022 18:23
Operator : CG/JU
Sample : PB146295BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS295

Quant Time: Jul 20 01:05:29 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 01:02:30 2022
Response via : Initial Calibration



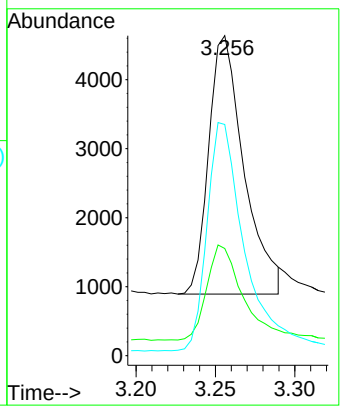


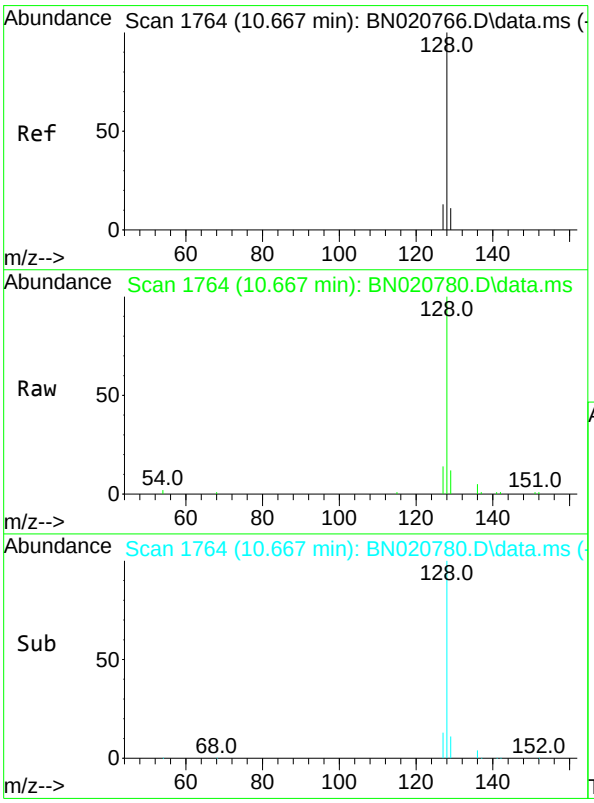
#2
1,4-Dioxane
Concen: 2.134 ng/ul
RT: 3.256 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN020780.D
Acq: 19 Jul 2022 18:23

Instrument :
BNA_N
ClientSampleId :
SLCS295

Tgt Ion: 88 Resp: 5783

Ion	Ratio	Lower	Upper
88	100		
43	33.5	32.5	48.7
58	72.3	46.2	69.2#

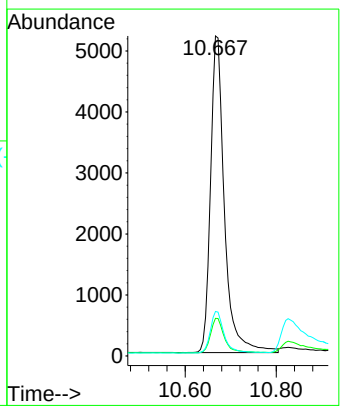


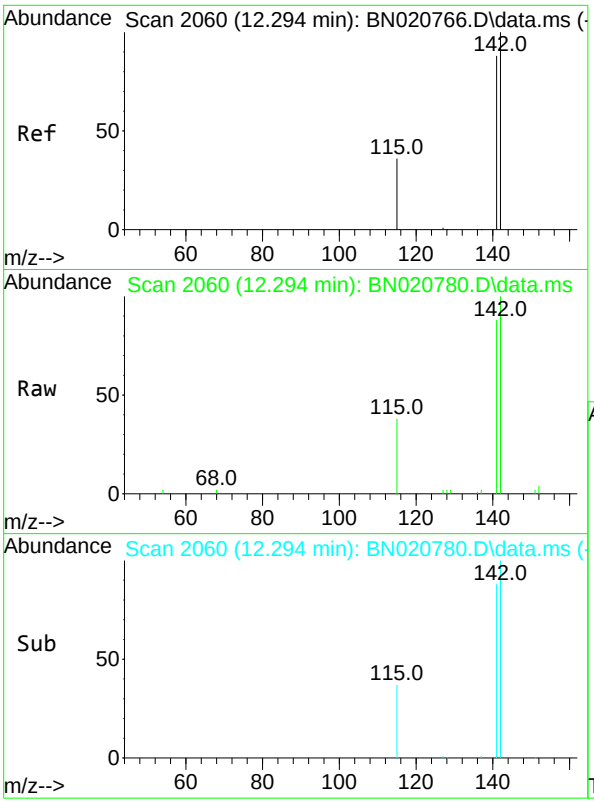


#5
Naphthalene
Concen: 0.389 ng/ul
RT: 10.667 min Scan# 1764
Delta R.T. -0.000 min
Lab File: BN020780.D
Acq: 19 Jul 2022 18:23

Tgt Ion:128 Resp: 11010

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.5	14.3
127	13.9	11.3	16.9



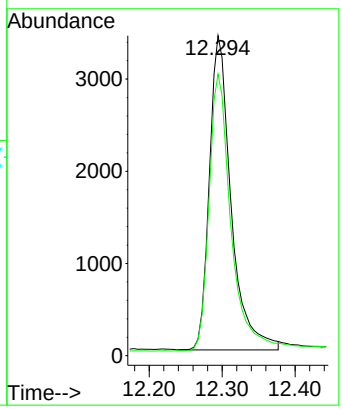


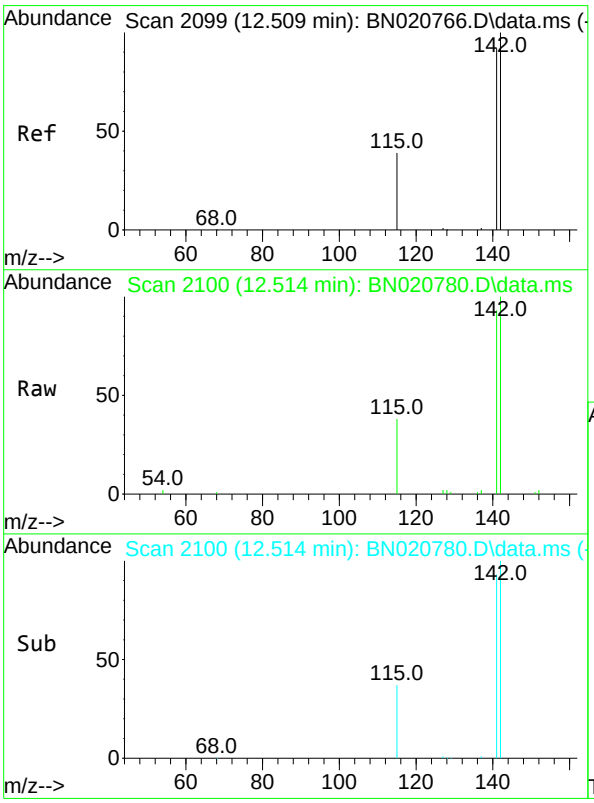
#7
2-Methylnaphthalene
Concen: 0.373 ng/ul
RT: 12.294 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN020780.D
Acq: 19 Jul 2022 18:23

Instrument :
BNA_N
ClientSampleId :
SLCS295

Tgt Ion:142 Resp: 7072

Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.1	108.1

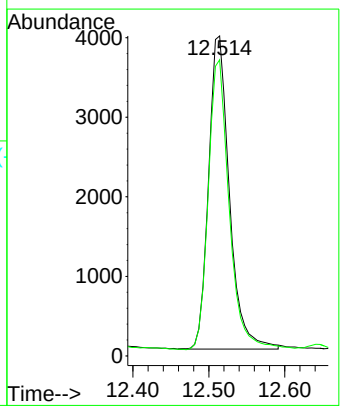


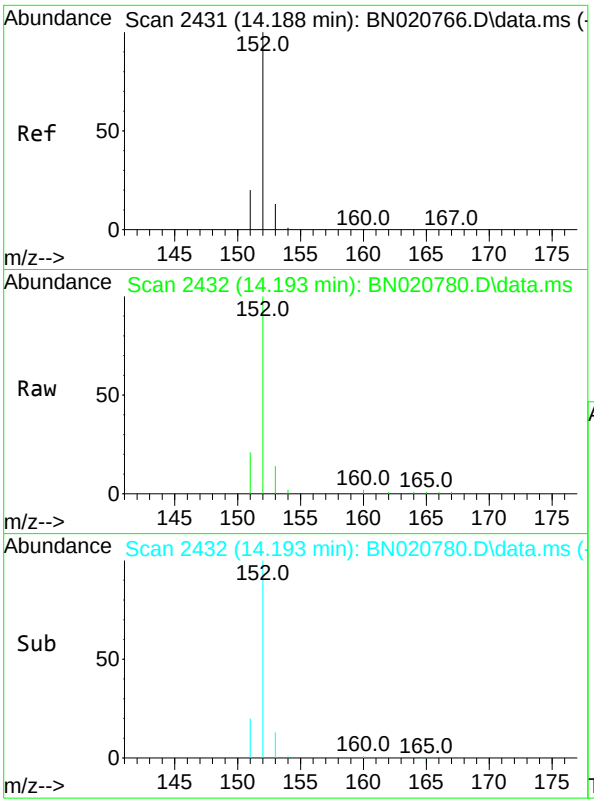


#8
1-Methylnaphthalene
Concen: 0.418 ng/ul
RT: 12.514 min Scan# 2100
Delta R.T. 0.005 min
Lab File: BN020780.D
Acq: 19 Jul 2022 18:23

Tgt Ion:142 Resp: 7512

Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.7	110.5



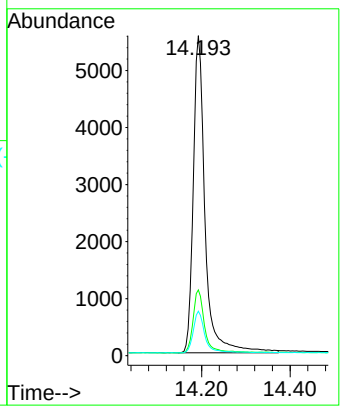


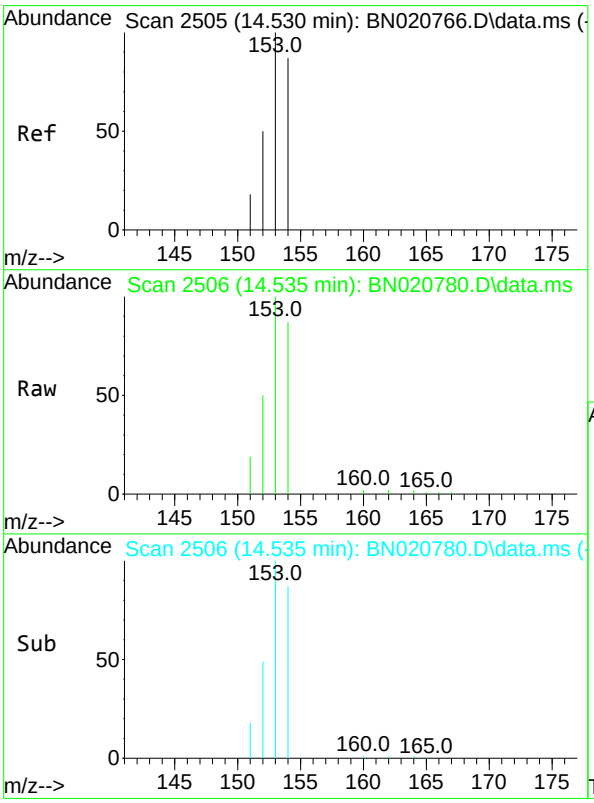
#10
Acenaphthylene
Concen: 0.394 ng/ul
RT: 14.193 min Scan# 24
Delta R.T. 0.005 min
Lab File: BN020780.D
Acq: 19 Jul 2022 18:23

Instrument :
BNA_N
ClientSampleId :
SLCS295

Tgt Ion:152 Resp: 10326

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.5	24.7
153	13.9	11.1	16.7

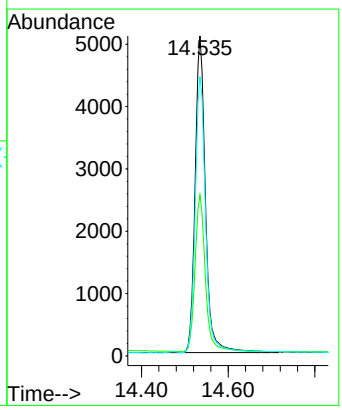


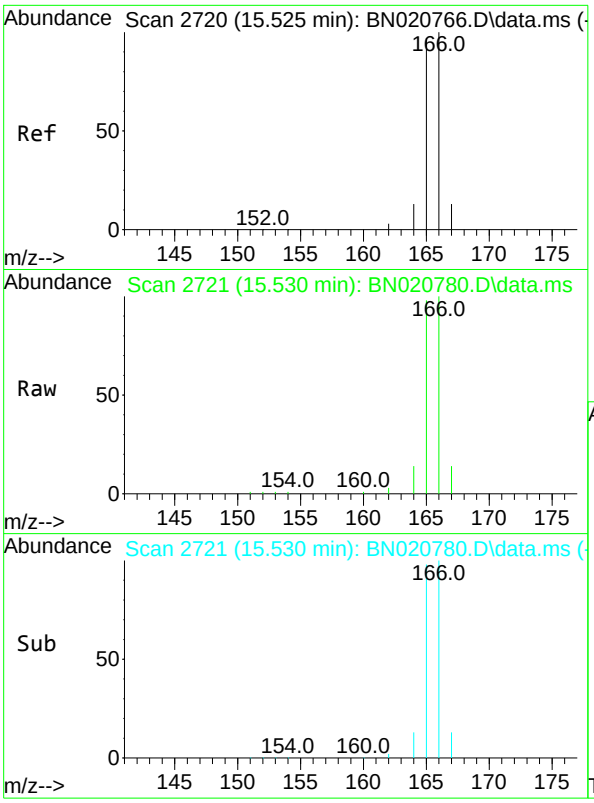


#11
Acenaphthene
Concen: 0.402 ng/ul
RT: 14.535 min Scan# 2506
Delta R.T. 0.005 min
Lab File: BN020780.D
Acq: 19 Jul 2022 18:23

Tgt Ion:153 Resp: 8427

Ion	Ratio	Lower	Upper
153	100		
152	50.4	40.0	60.0
154	87.2	70.0	105.0



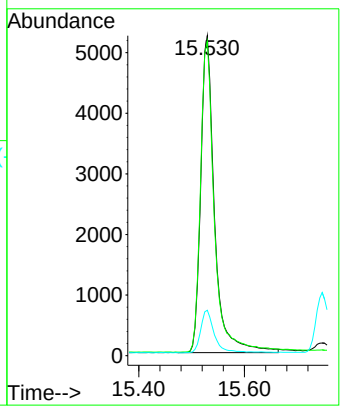


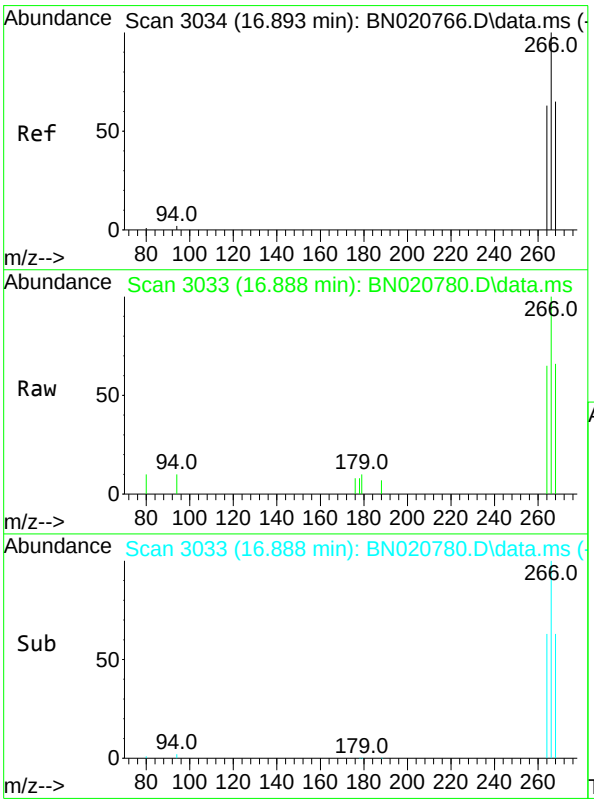
#12
Fluorene
Concen: 0.381 ng/ul
RT: 15.530 min Scan# 2
Delta R.T. 0.005 min
Lab File: BN020780.D
Acq: 19 Jul 2022 18:23

Instrument :
BNA_N
ClientSampleId :
SLCS295

Tgt Ion:166 Resp: 9482

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.2	117.2
167	14.2	11.3	16.9

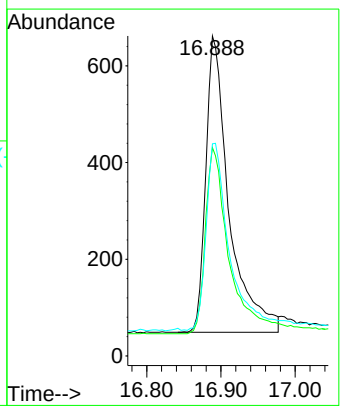


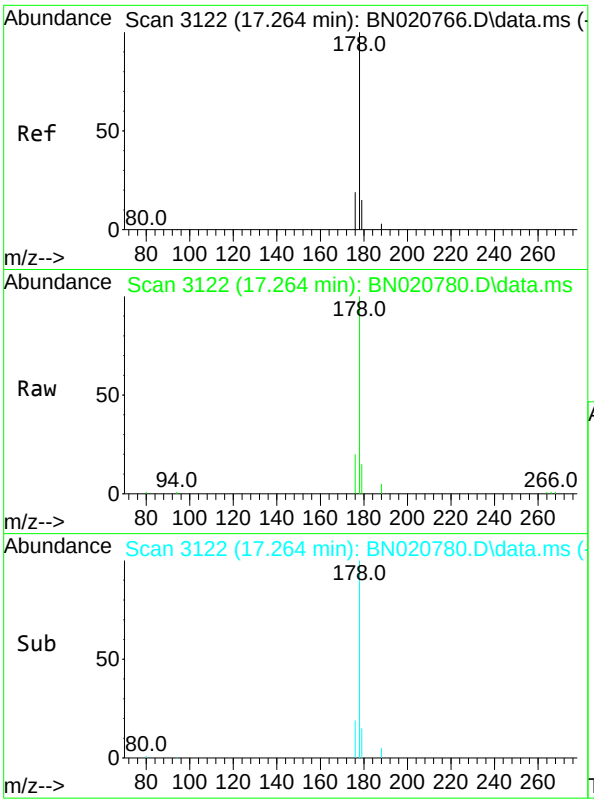


#14
Pentachlorophenol
Concen: 0.565 ng/ul
RT: 16.888 min Scan# 3033
Delta R.T. -0.004 min
Lab File: BN020780.D
Acq: 19 Jul 2022 18:23

Tgt Ion:266 Resp: 1333

Ion	Ratio	Lower	Upper
266	100		
264	63.8	51.6	77.4
268	63.9	51.5	77.3



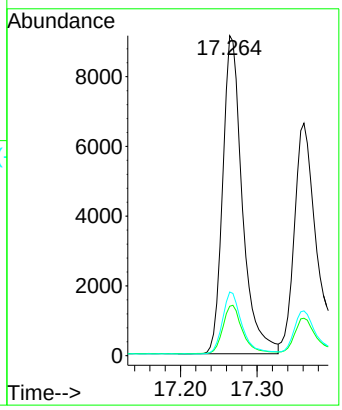


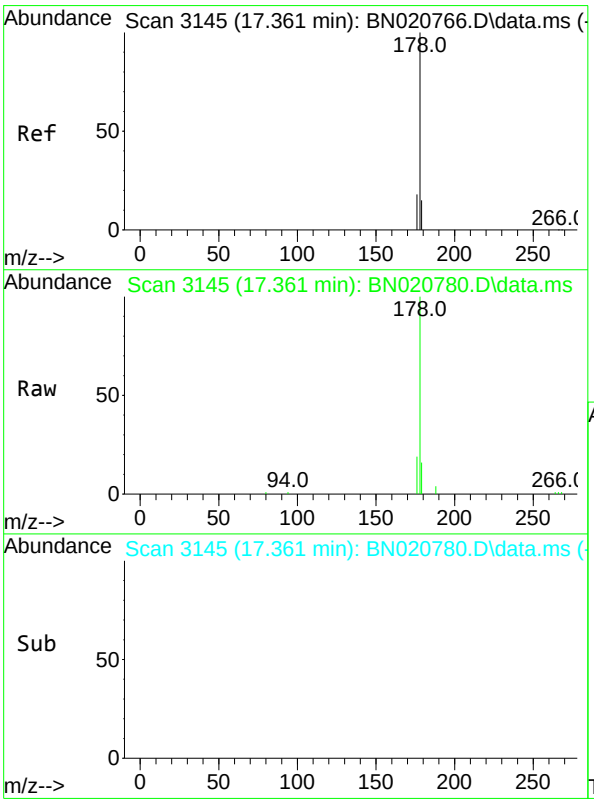
#15
Phenanthrene
Concen: 0.400 ng/ul
RT: 17.264 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN020780.D
Acq: 19 Jul 2022 18:23

Instrument :
BNA_N
ClientSampleId :
SLCS295

Tgt Ion:178 Resp: 16246

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	18.8
176	19.9	15.8	23.6

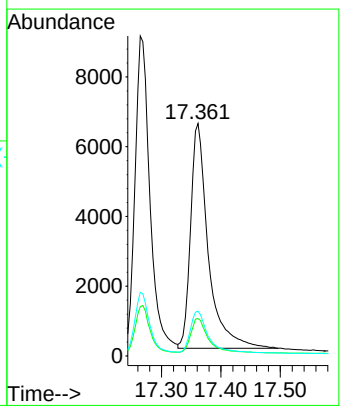


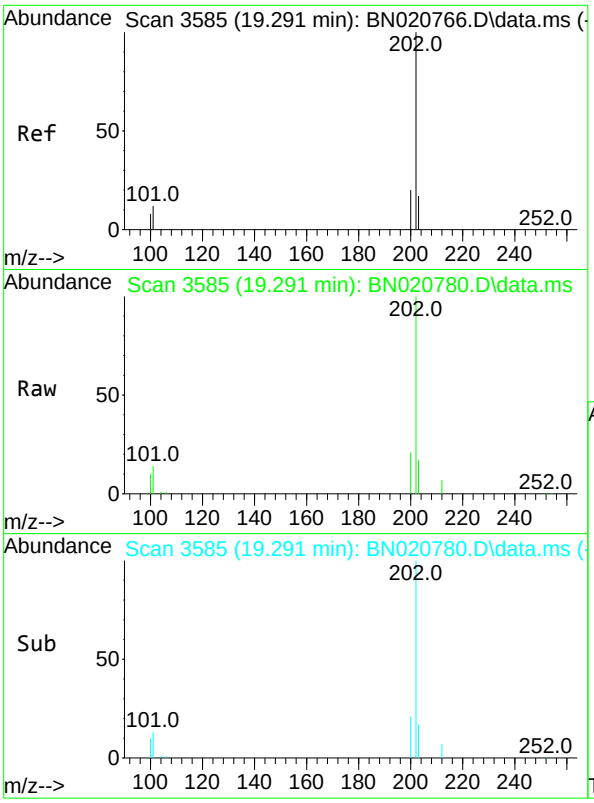


#16
Anthracene
Concen: 0.380 ng/ul
RT: 17.361 min Scan# 3145
Delta R.T. -0.000 min
Lab File: BN020780.D
Acq: 19 Jul 2022 18:23

Tgt Ion:178 Resp: 13347

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.8	19.2
176	19.3	15.2	22.8



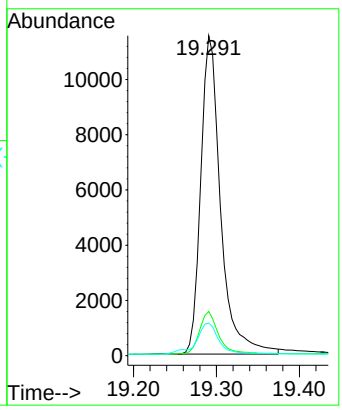


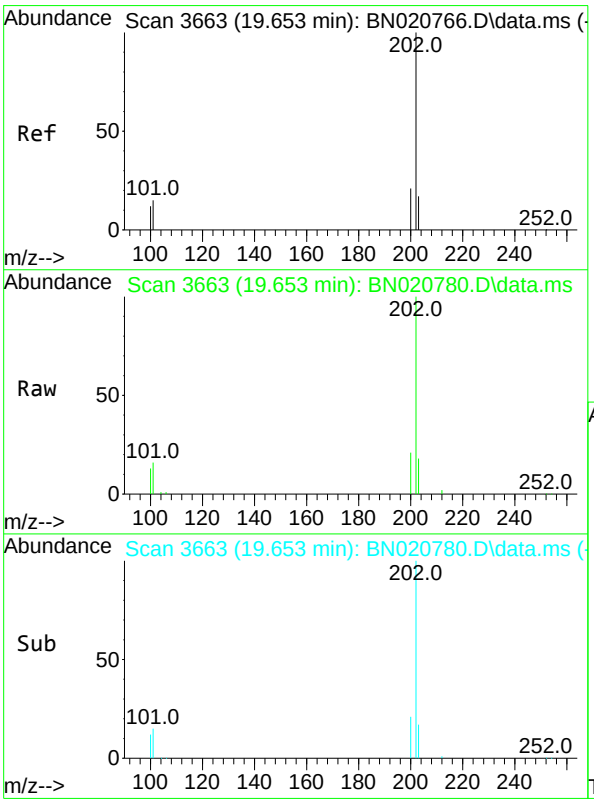
#19
Fluoranthene
Concen: 0.456 ng/ul
RT: 19.291 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN020780.D
Acq: 19 Jul 2022 18:23

Instrument :
BNA_N
ClientSampleId :
SLCS295

Tgt Ion:202 Resp: 19233

Ion	Ratio	Lower	Upper
202	100		
101	13.8	10.3	15.5
100	10.2	7.8	11.6

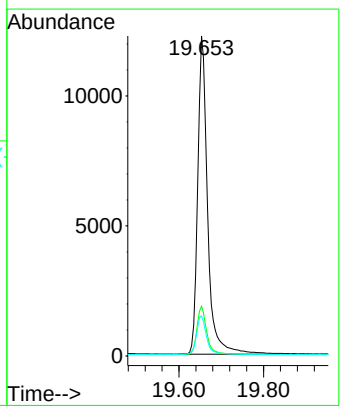


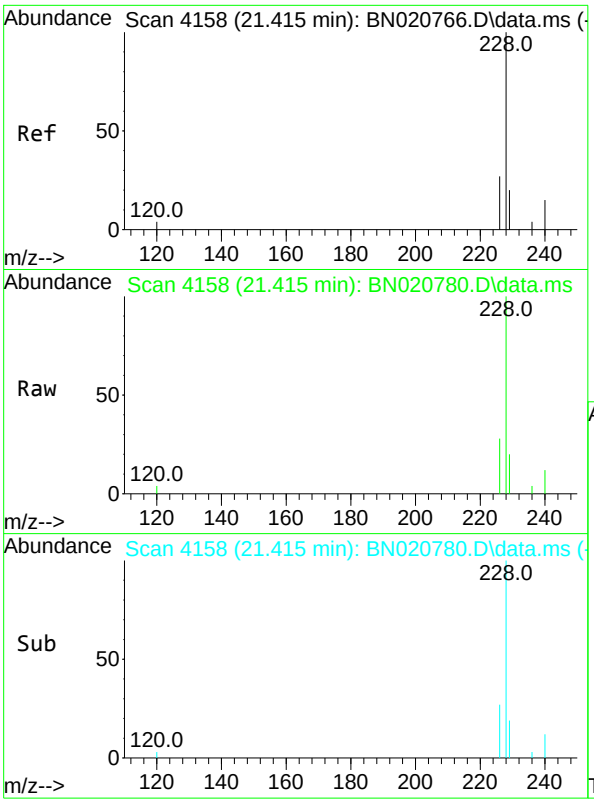


#20
Pyrene
Concen: 0.455 ng/ul
RT: 19.653 min Scan# 3663
Delta R.T. -0.000 min
Lab File: BN020780.D
Acq: 19 Jul 2022 18:23

Tgt Ion:202 Resp: 19872

Ion	Ratio	Lower	Upper
202	100		
101	15.5	11.6	17.4
100	12.6	9.2	13.8



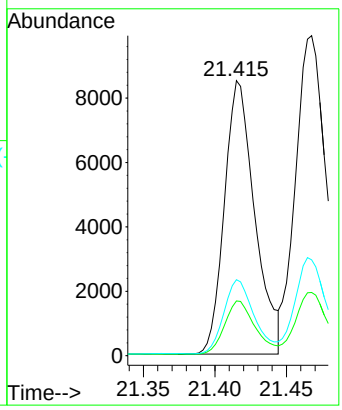


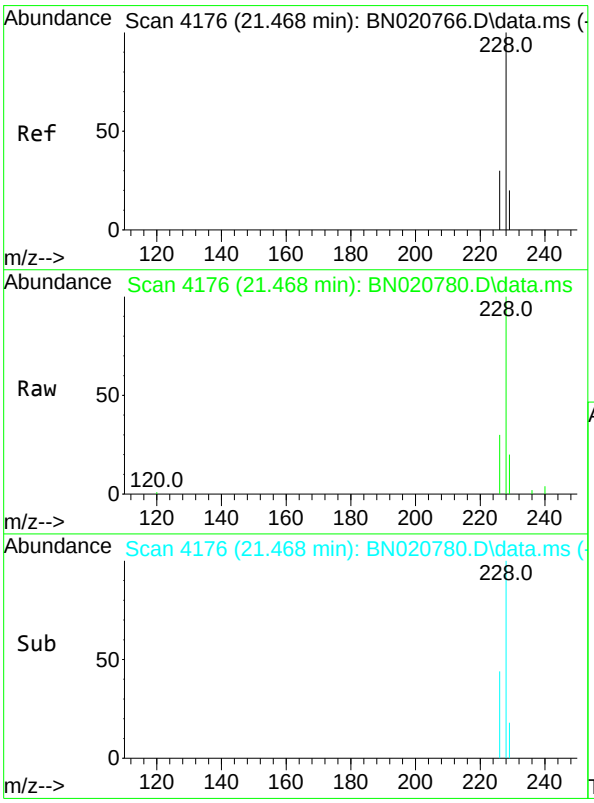
#21
Benzo(a)anthracene
Concen: 0.379 ng/ul
RT: 21.415 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN020780.D
Acq: 19 Jul 2022 18:23

Instrument :
BNA_N
ClientSampleId :
SLCS295

Tgt Ion:228 Resp: 12578

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.9	23.9
226	27.6	22.2	33.2

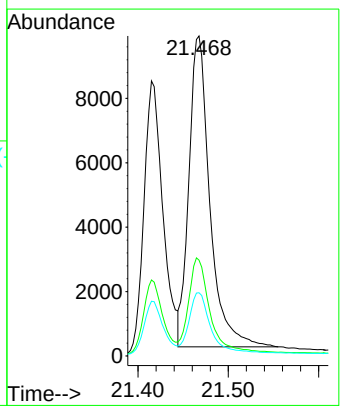


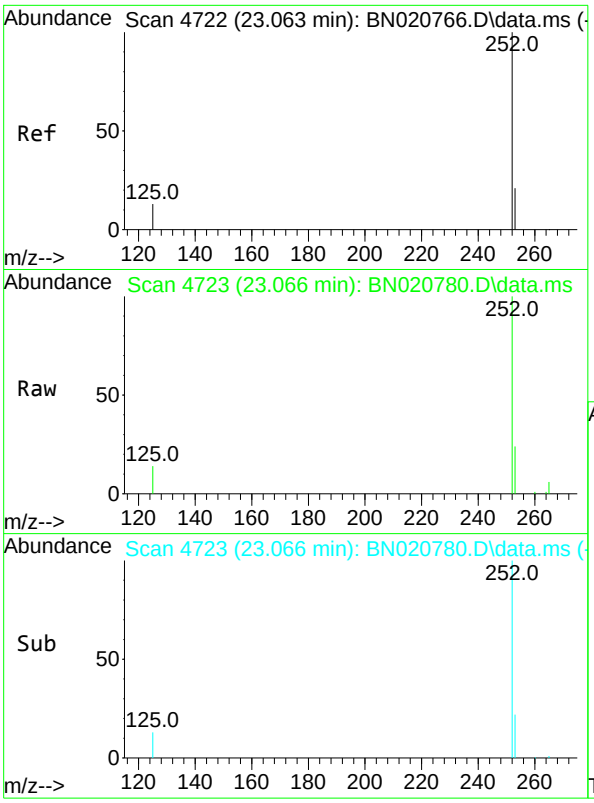


#22
Chrysene
Concen: 0.421 ng/ul
RT: 21.468 min Scan# 4176
Delta R.T. -0.000 min
Lab File: BN020780.D
Acq: 19 Jul 2022 18:23

Tgt Ion:228 Resp: 15531

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.9	35.9
229	19.8	15.8	23.8



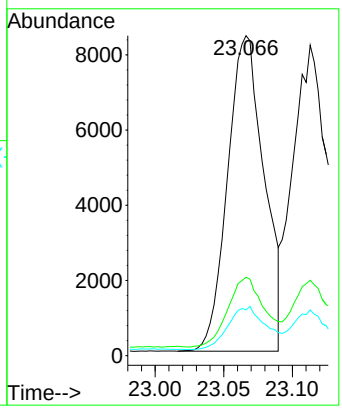


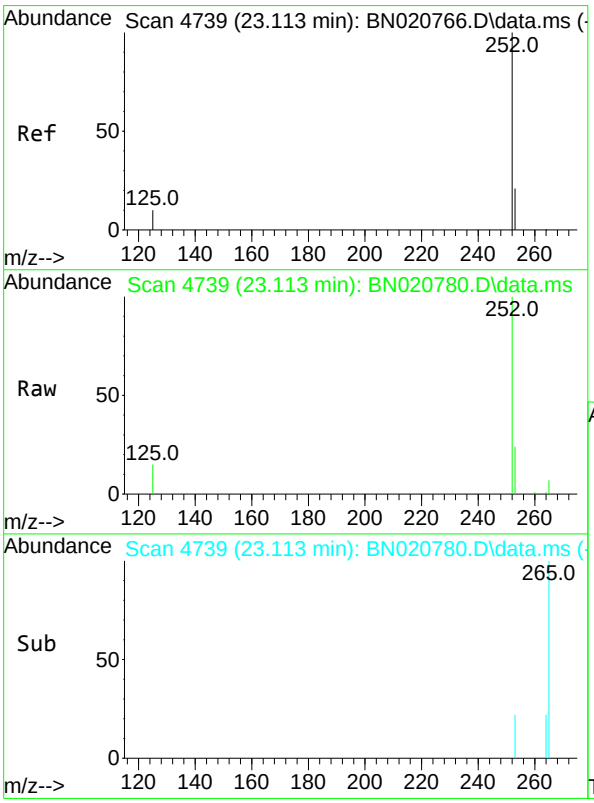
#24
Benzo(b)fluoranthene
Concen: 0.390 ng/ul
RT: 23.066 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN020780.D
Acq: 19 Jul 2022 18:23

Instrument :
BNA_N
ClientSampleId :
SLCS295

Tgt Ion:252 Resp: 15531

Ion	Ratio	Lower	Upper
252	100		
253	24.5	0.0	48.6
125	14.3	0.0	34.0

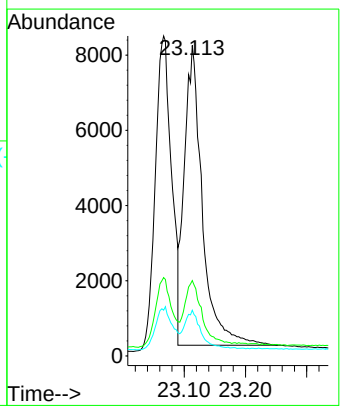


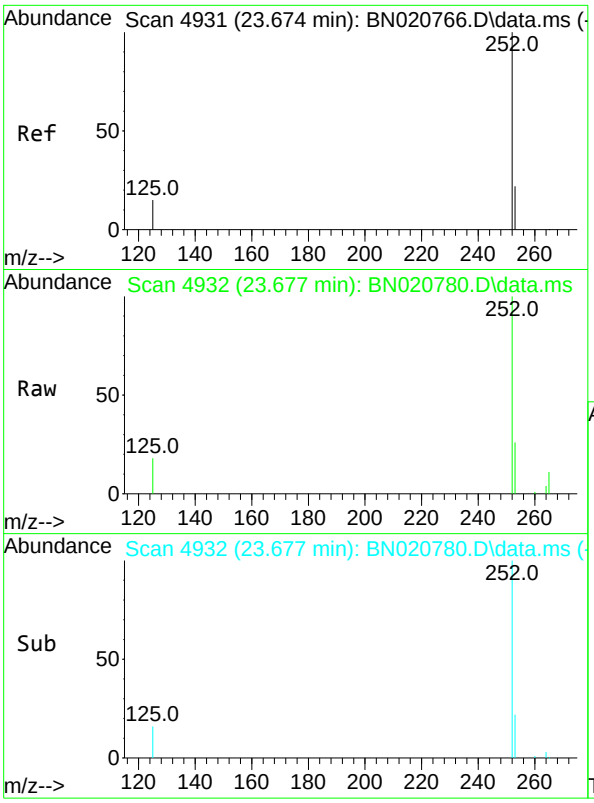


#25
Benzo(k)fluoranthene
Concen: 0.407 ng/ul
RT: 23.113 min Scan# 4739
Delta R.T. -0.000 min
Lab File: BN020780.D
Acq: 19 Jul 2022 18:23

Tgt Ion:252 Resp: 16366

Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.7	29.5
125	14.8	12.0	18.0



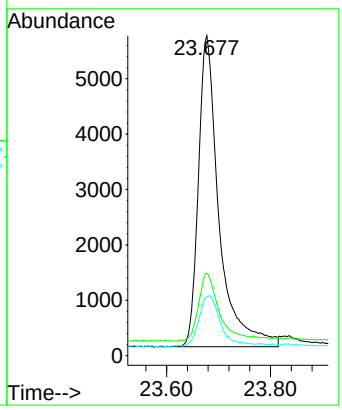


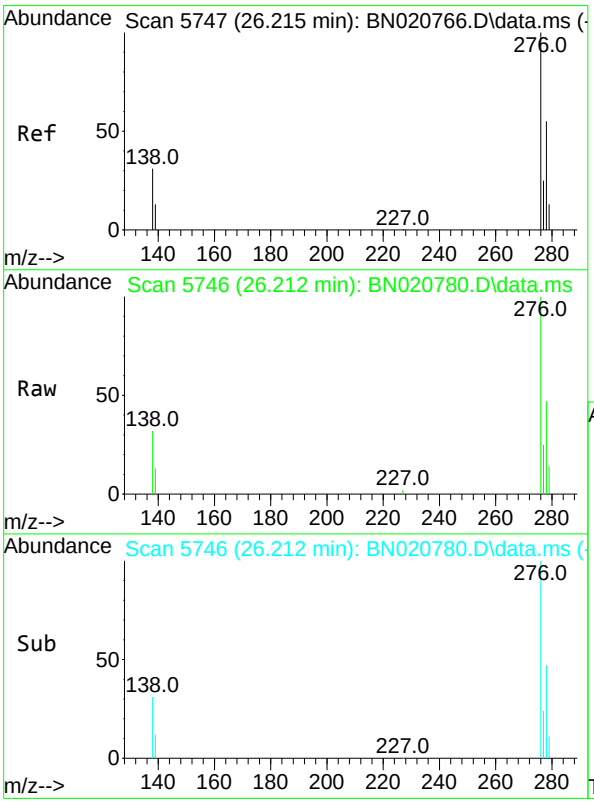
#26
Benzo(a)pyrene
Concen: 0.429 ng/ul
RT: 23.677 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN020780.D
Acq: 19 Jul 2022 18:23

Instrument :
BNA_N
ClientSampleId :
SLCS295

Tgt Ion:252 Resp: 15499

Ion	Ratio	Lower	Upper
252	100		
253	25.8	21.0	31.4
125	18.3	18.8	28.2#

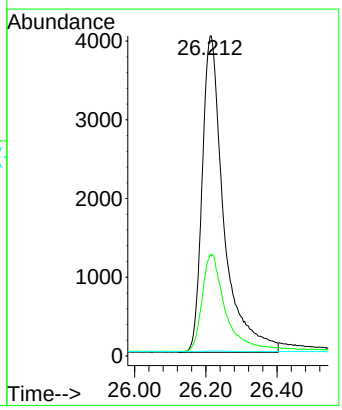


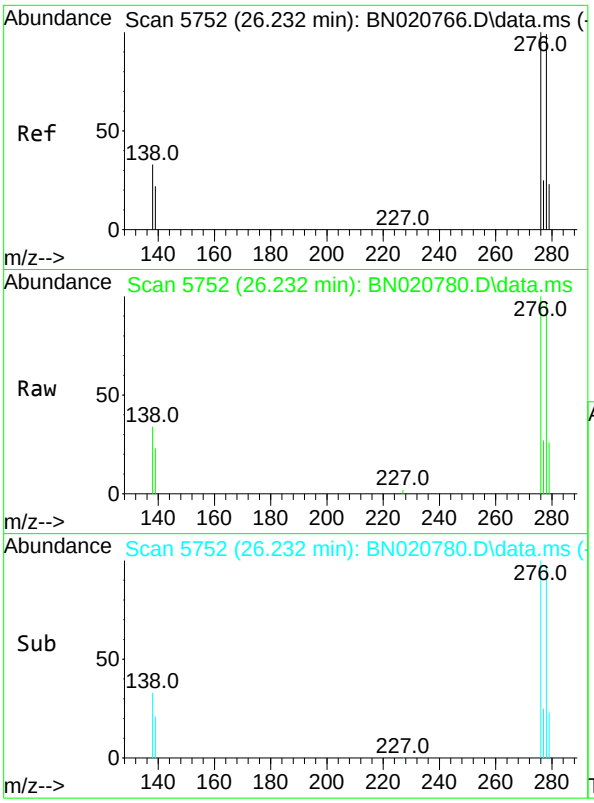


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.472 ng/ul
RT: 26.212 min Scan# 5746
Delta R.T. -0.003 min
Lab File: BN020780.D
Acq: 19 Jul 2022 18:23

Tgt Ion:276 Resp: 16977

Ion	Ratio	Lower	Upper
276	100		
138	33.3	27.4	41.2
227	0.0	0.2	0.2#



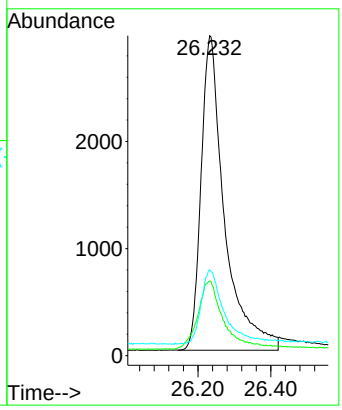


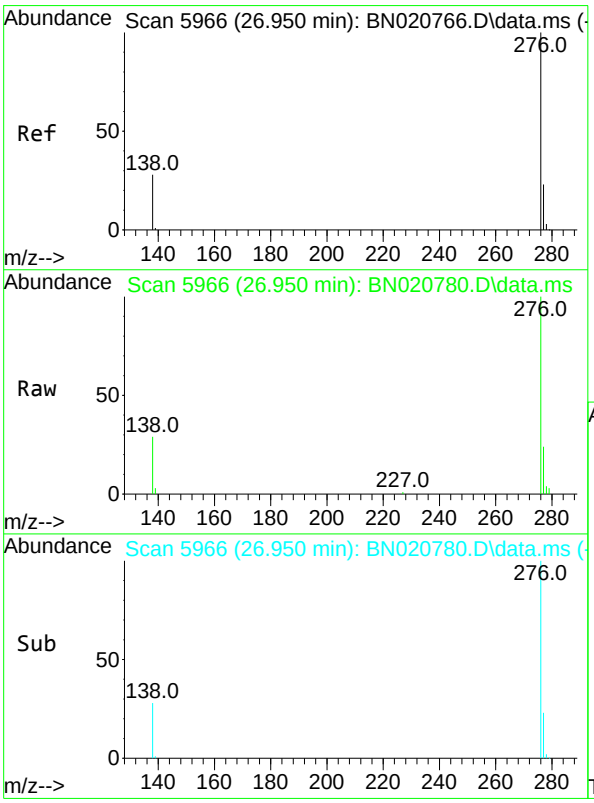
#28
Dibenzo(a,h)anthracene
Concen: 0.452 ng/ul
RT: 26.232 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN020780.D
Acq: 19 Jul 2022 18:23

Instrument :
BNA_N
ClientSampleId :
SLCS295

Tgt Ion:278 Resp: 13136

Ion	Ratio	Lower	Upper
278	100		
139	23.4	18.8	28.2
279	26.8	21.4	32.0





#29
Benzo(g,h,i)perylene
Concen: 0.490 ng/ul
RT: 26.950 min Scan# 5966
Delta R.T. -0.000 min
Lab File: BN020780.D
Acq: 19 Jul 2022 18:23

Tgt Ion:276 Resp: 15143

Ion	Ratio	Lower	Upper
276	100		
138	29.5	23.5	35.3
277	24.1	20.1	30.1