Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032223\
Data File : BN024499.D
Acq On : 23 Mar 2023 03:38
Operator : CG/JU
Sample : PB151555BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS555

Quant Time: Mar 23 04:12:37 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 23 03:32:22 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.025	152	9496	0.400	ng/ul	0.00
4) Naphthalene-d8	10.839	136	27632	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.661	164	14427	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.405	188	30730	0.400	ng/ul	0.00
17) Chrysene-d12	21.589	240	23033	0.400	ng/ul	0.00
23) Perylene-d12	24.082	264	20311	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	7010	0.671	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	13867	0.422	ng/ul	0.00
18) Fluoranthene-d10	19.432	212	27886	0.455	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.427	88	18402	1.619	ng/ul	91
5) Naphthalene	10.889	128	28215	0.409	ng/ul	100
7) 2-Methylnaphthalene	12.495	142	17395	0.416	ng/ul	99
8) 1-Methylnaphthalene	12.715	142	18258	0.415	ng/ul	100
10) Acenaphthylene	14.384	152	24998	0.415	ng/ul	100
11) Acenaphthene	14.726	153	18949	0.409	ng/ul	98
12) Fluorene	15.707	166	20904	0.404	ng/ul	98
14) Pentachlorophenol	17.055	266	5590	0.655	ng/ul#	73
15) Phenanthrene	17.447	178	34449	0.391	ng/ul	99
16) Anthracene	17.540	178	30521	0.395	ng/ul	99
19) Fluoranthene	19.459	202	39400	0.430	ng/ul	100
20) Pyrene	19.822	202	40779	0.438	ng/ul	100
21) Benzo(a)anthracene	21.571	228	32989	0.439	ng/ul	100
22) Chrysene	21.627	228	33874	0.427	ng/ul	99
24) Benzo(b)fluoranthene	23.316	252	32285	0.416	ng/ul	95
25) Benzo(k)fluoranthene	23.369	252	31254	0.388	ng/ul	93
26) Benzo(a)pyrene	23.968	252	26468	0.397	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.694	276	29845	0.397	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.714	278	22774	0.399	ng/ul	96
29) Benzo(g,h,i)perylene	27.502	276	26098	0.400	ng/ul	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032223\
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Instrument :
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ClientSampleId :
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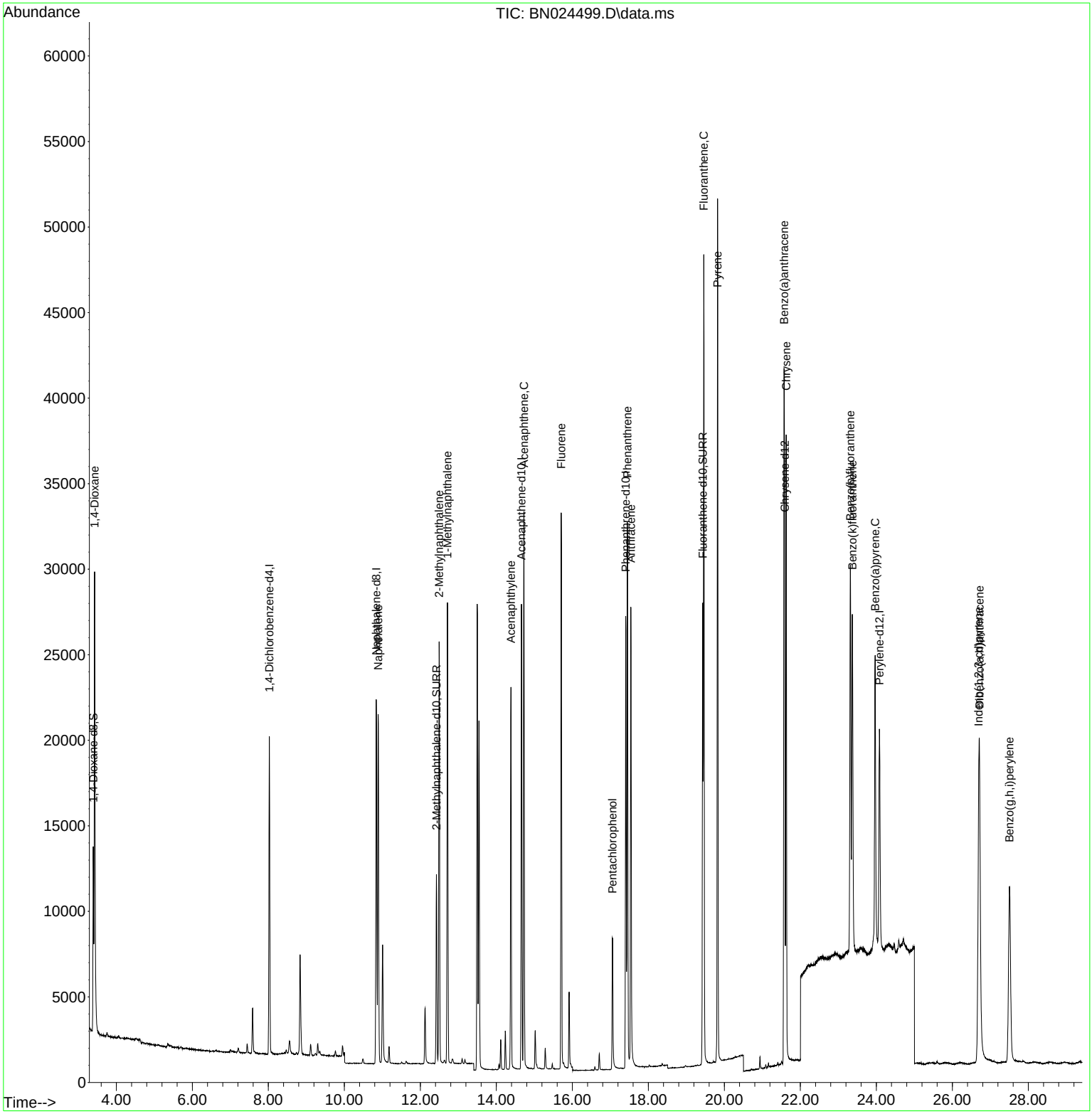
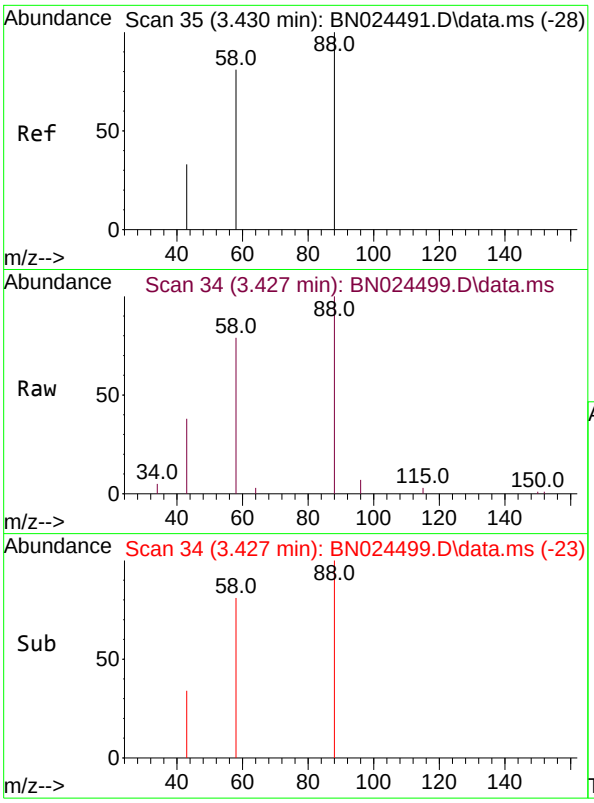
Quant Time: Mar 23 04:12:37 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 23 03:32:22 2023
Response via : Initial Calibration



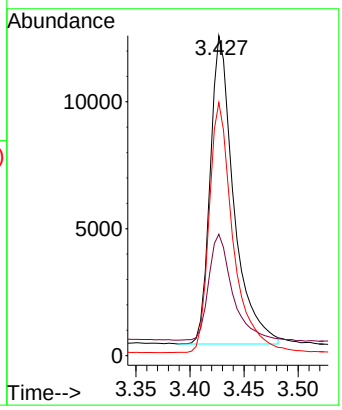


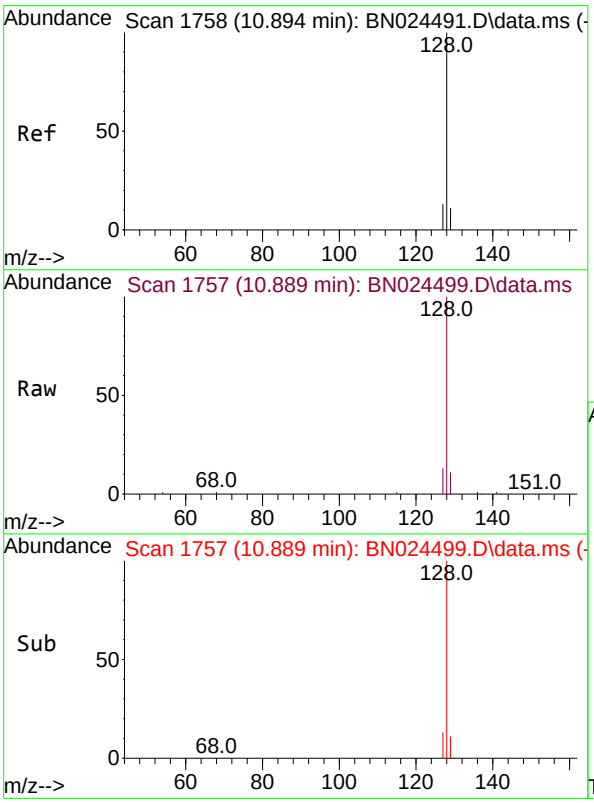
#2
1,4-Dioxane
Concen: 1.619 ng/ul
RT: 3.427 min Scan# 34
Delta R.T. -0.004 min
Lab File: BN024499.D
Acq: 23 Mar 2023 03:38

Instrument :
BNA_N
ClientSampleId :
SLCS555

Tgt Ion: 88 Resp: 18402

Ion	Ratio	Lower	Upper
88	100		
43	37.9	32.1	48.1
58	79.1	55.1	82.7

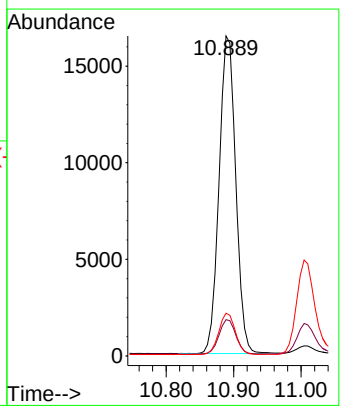


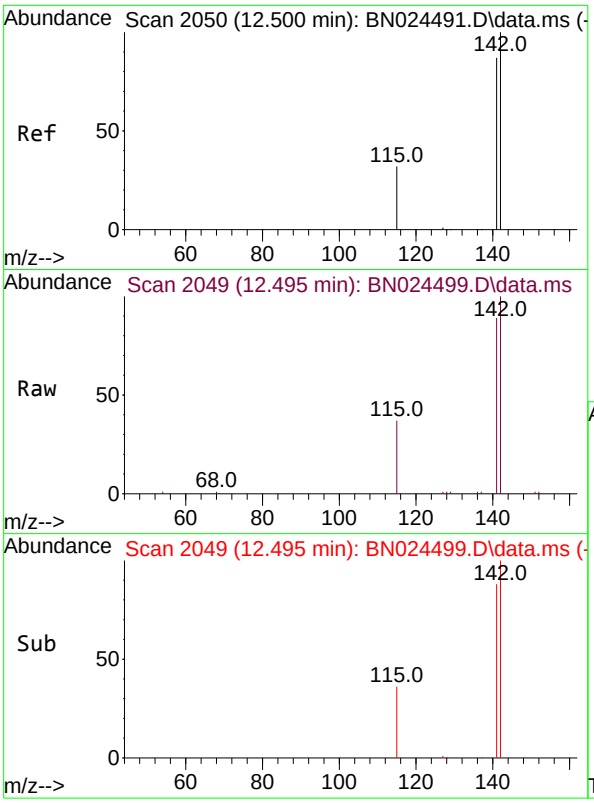


#5
Naphthalene
Concen: 0.409 ng/ul
RT: 10.889 min Scan# 1757
Delta R.T. -0.005 min
Lab File: BN024499.D
Acq: 23 Mar 2023 03:38

Tgt Ion:128 Resp: 28215

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.3	10.5	15.7



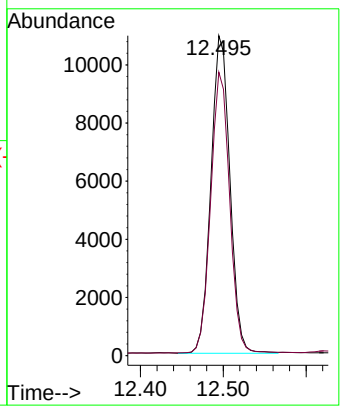


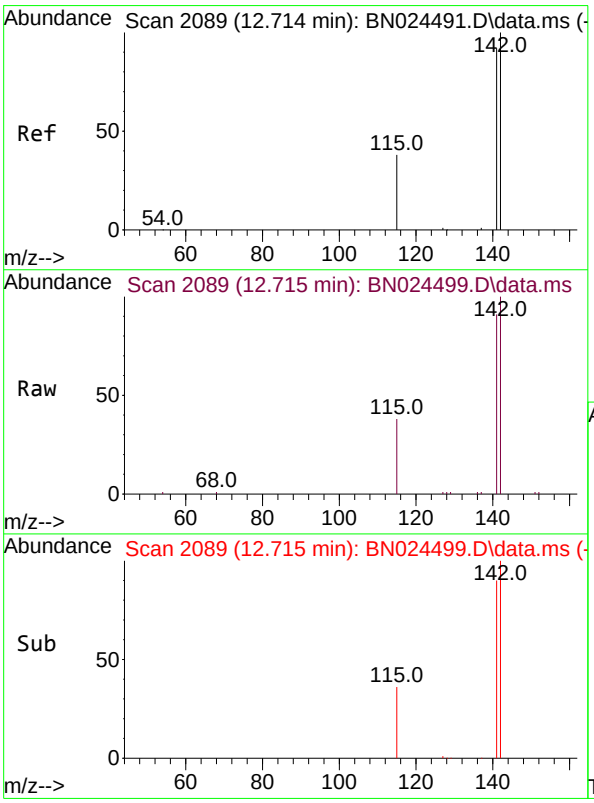
#7
2-Methylnaphthalene
Concen: 0.416 ng/ul
RT: 12.495 min Scan# 20
Delta R.T. -0.005 min
Lab File: BN024499.D
Acq: 23 Mar 2023 03:38

Instrument :
BNA_N
ClientSampleId :
SLCS555

Tgt Ion:142 Resp: 17395

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.3	105.5

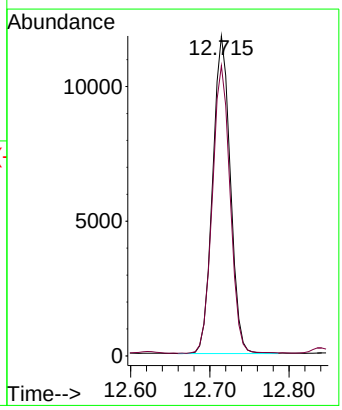


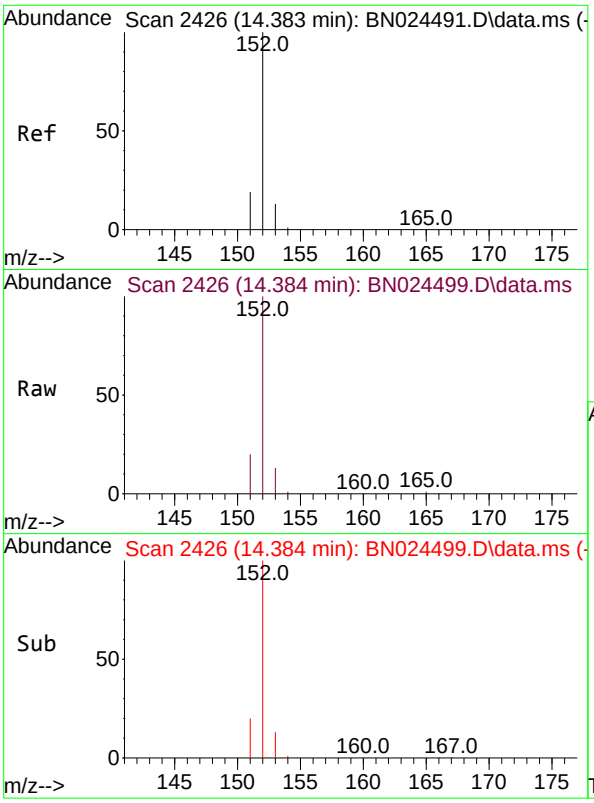


#8
1-Methylnaphthalene
Concen: 0.415 ng/ul
RT: 12.715 min Scan# 2089
Delta R.T. 0.000 min
Lab File: BN024499.D
Acq: 23 Mar 2023 03:38

Tgt Ion:142 Resp: 18258

Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.0	109.6



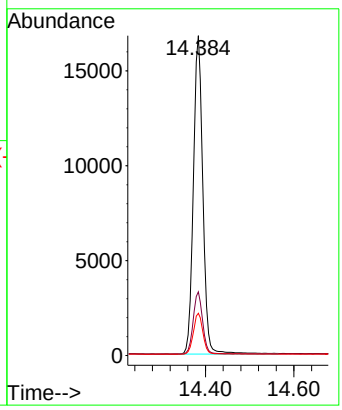


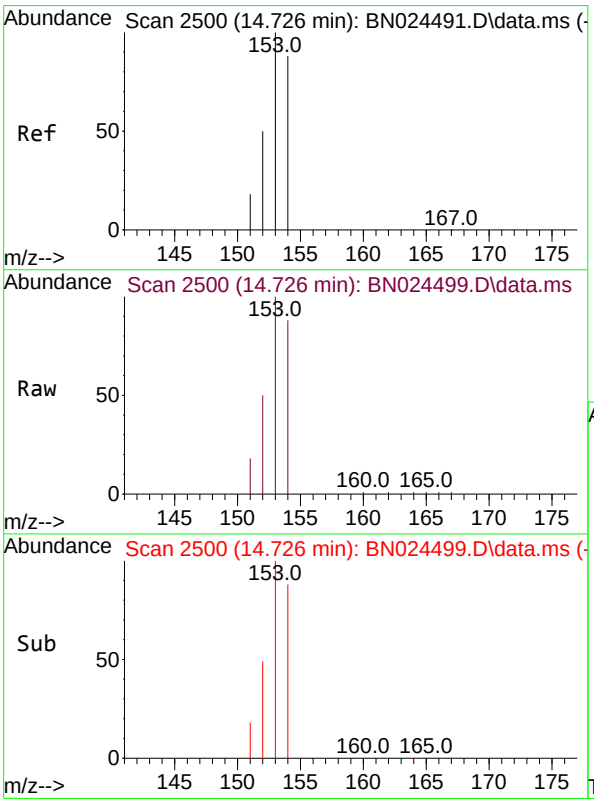
#10
Acenaphthylene
Concen: 0.415 ng/ul
RT: 14.384 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN024499.D
Acq: 23 Mar 2023 03:38

Instrument :
BNA_N
ClientSampleId :
SLCS555

Tgt Ion:152 Resp: 24998

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	13.2	10.6	16.0

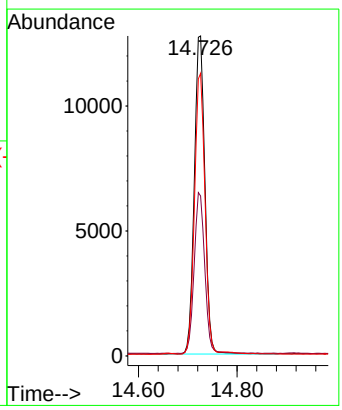


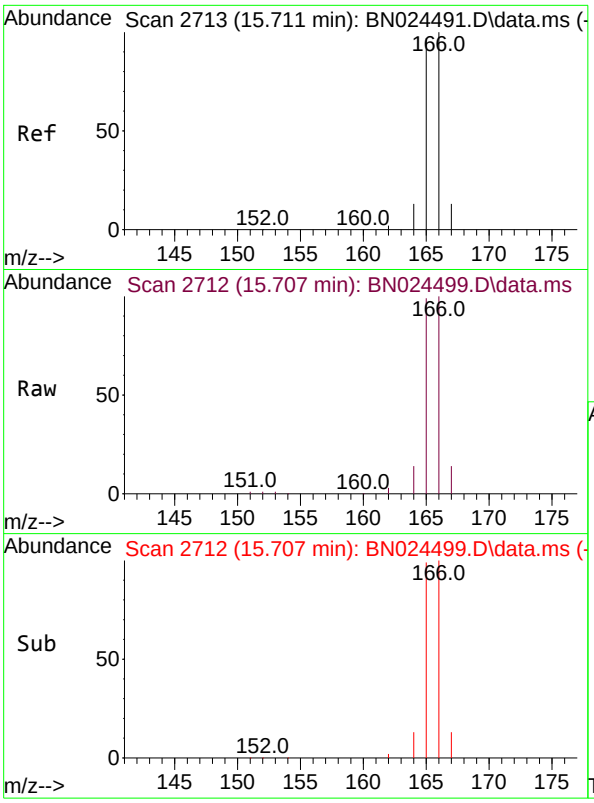


#11
Acenaphthene
Concen: 0.409 ng/ul
RT: 14.726 min Scan# 2500
Delta R.T. 0.000 min
Lab File: BN024499.D
Acq: 23 Mar 2023 03:38

Tgt Ion:153 Resp: 18949

Ion	Ratio	Lower	Upper
153	100		
152	50.0	42.6	64.0
154	88.3	70.6	105.8



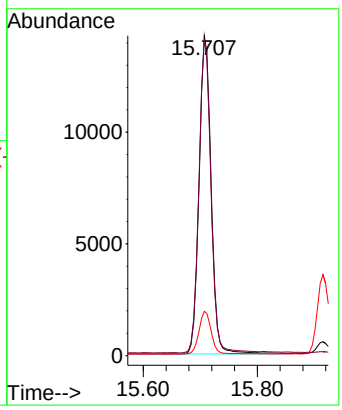


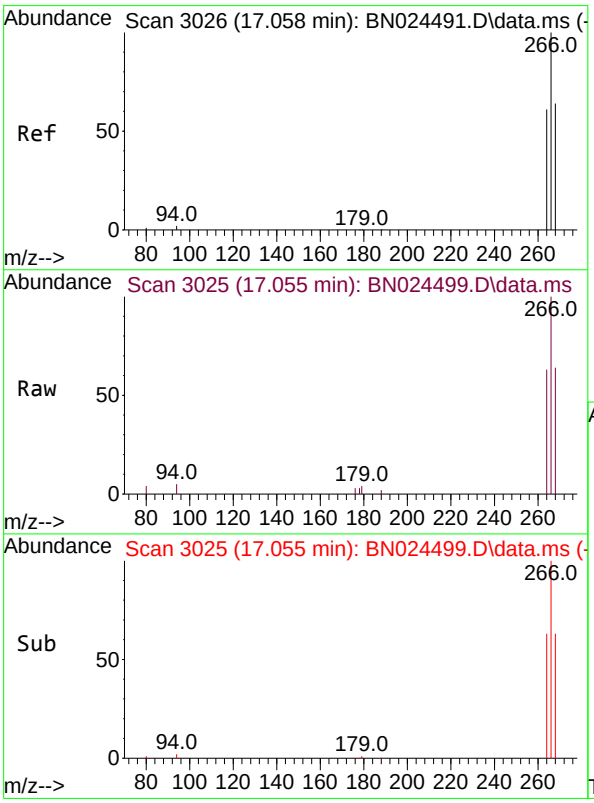
#12
Fluorene
Concen: 0.404 ng/ul
RT: 15.707 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN024499.D
Acq: 23 Mar 2023 03:38

Instrument :
BNA_N
ClientSampleId :
SLCS555

Tgt Ion:166 Resp: 20904

Ion	Ratio	Lower	Upper
166	100		
165	98.9	77.4	116.0
167	13.8	10.9	16.3

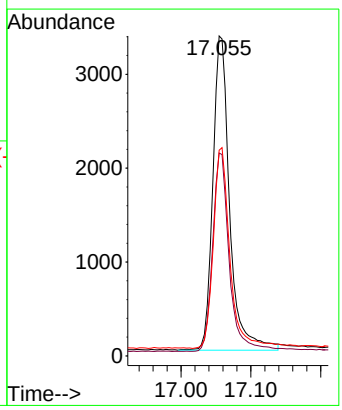


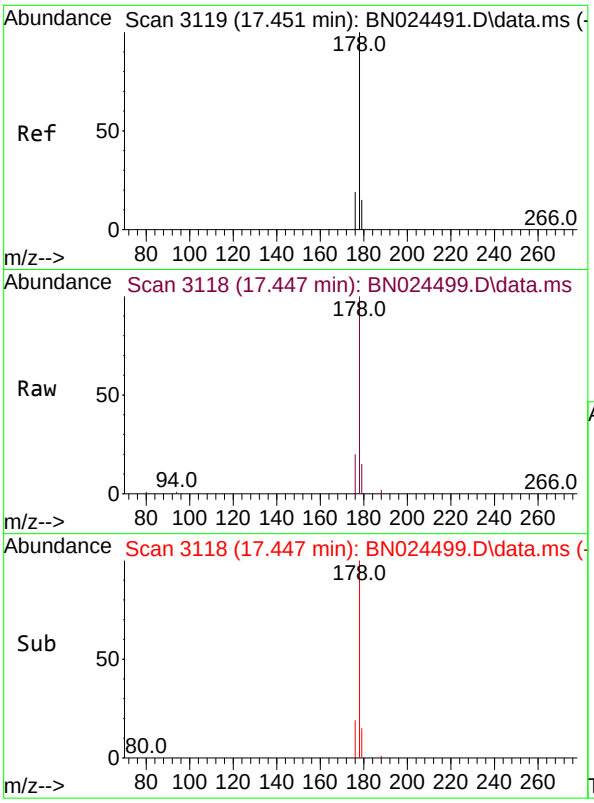


#14
Pentachlorophenol
Concen: 0.655 ng/ul
RT: 17.055 min Scan# 3025
Delta R.T. -0.004 min
Lab File: BN024499.D
Acq: 23 Mar 2023 03:38

Tgt Ion:266 Resp: 5590

Ion	Ratio	Lower	Upper
266	100		
264	62.1	0.0	0.0#
268	63.2	0.1	0.1#



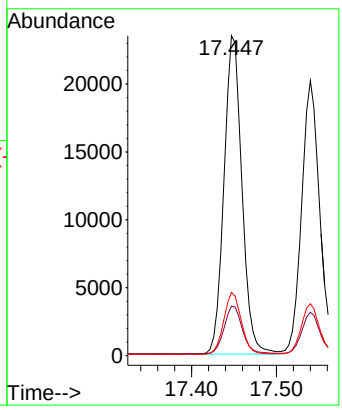


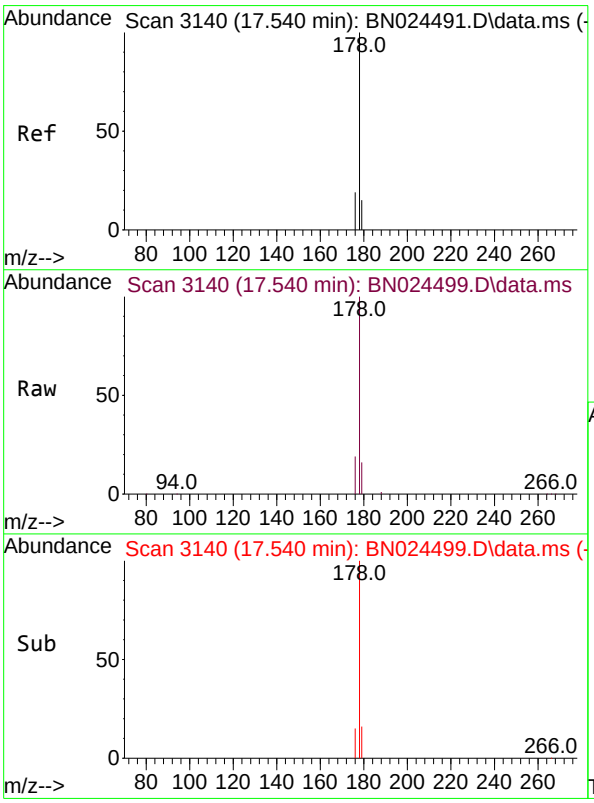
#15
Phenanthrene
Concen: 0.391 ng/ul
RT: 17.447 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN024499.D
Acq: 23 Mar 2023 03:38

Instrument :
BNA_N
ClientSampleId :
SLCS555

Tgt Ion:178 Resp: 34449

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.2
176	19.8	15.7	23.5

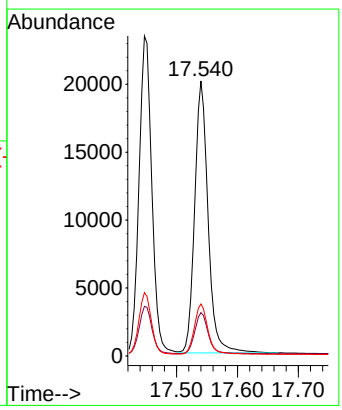


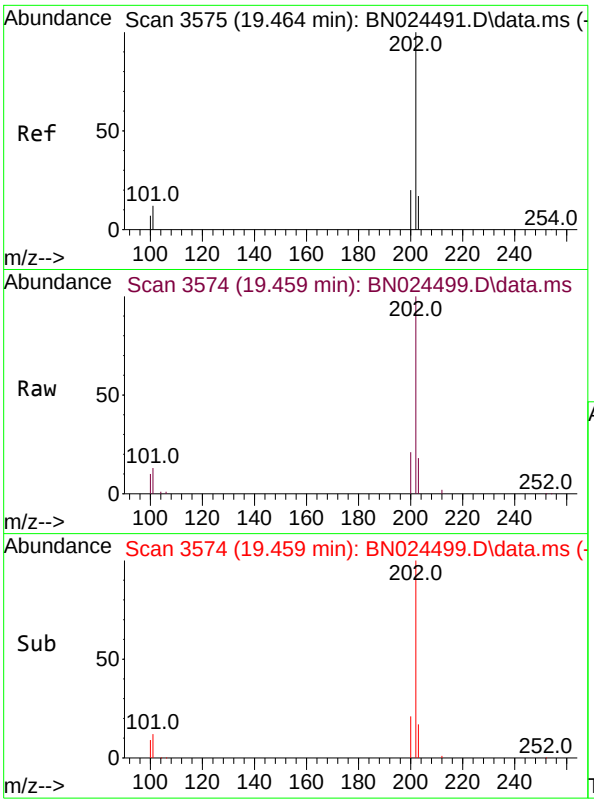


#16
Anthracene
Concen: 0.395 ng/ul
RT: 17.540 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BN024499.D
Acq: 23 Mar 2023 03:38

Tgt Ion:178 Resp: 30521

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	18.9	15.3	22.9



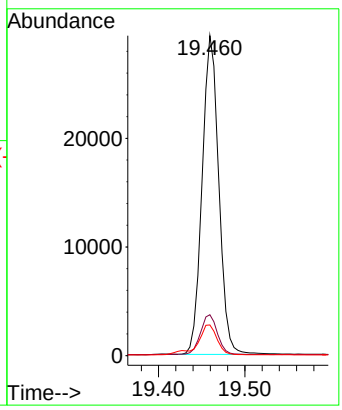


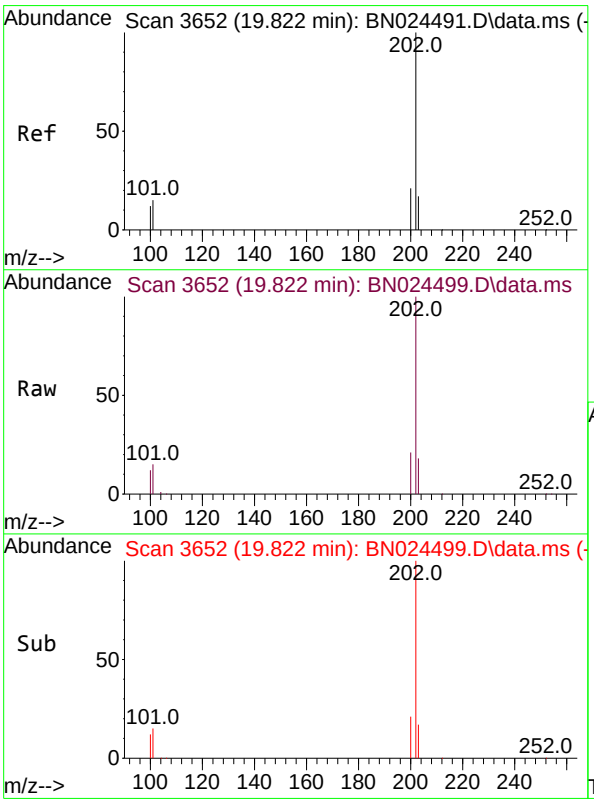
#19
Fluoranthene
Concen: 0.430 ng/ul
RT: 19.459 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN024499.D
Acq: 23 Mar 2023 03:38

Instrument :
BNA_N
ClientSampleId :
SLCS555

Tgt Ion:202 Resp: 39400

Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.4	15.6
100	9.6	7.7	11.5

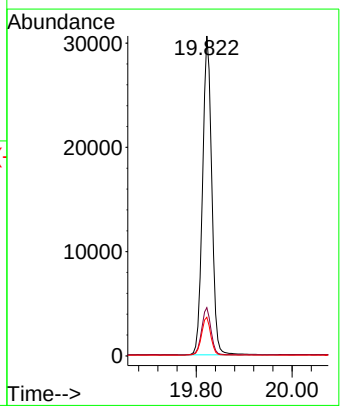


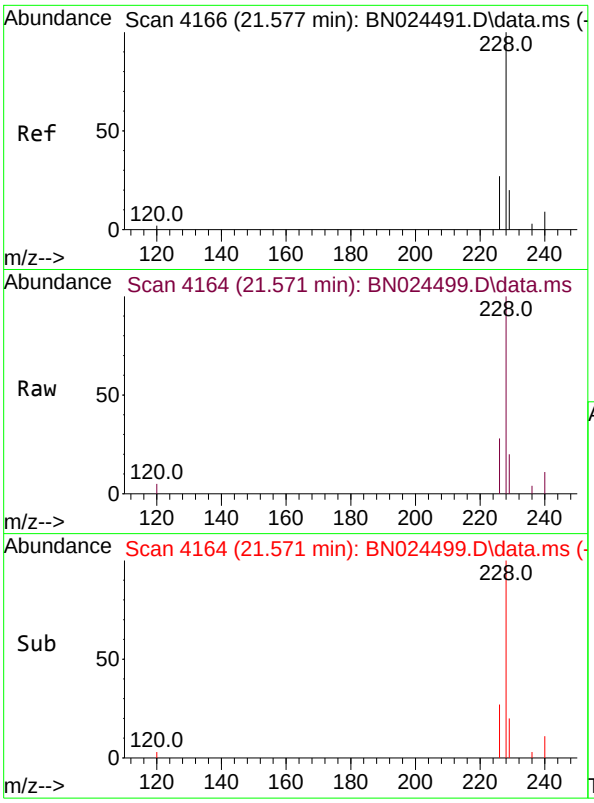


#20
Pyrene
Concen: 0.438 ng/ul
RT: 19.822 min Scan# 3652
Delta R.T. 0.000 min
Lab File: BN024499.D
Acq: 23 Mar 2023 03:38

Tgt Ion:202 Resp: 40779

Ion	Ratio	Lower	Upper
202	100		
101	15.1	12.1	18.1
100	12.1	9.4	14.0



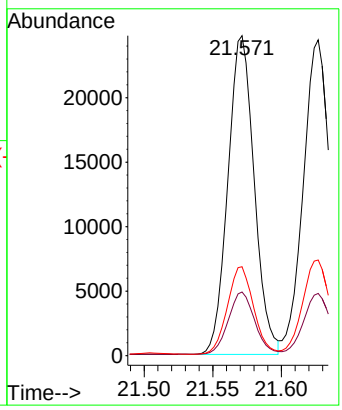


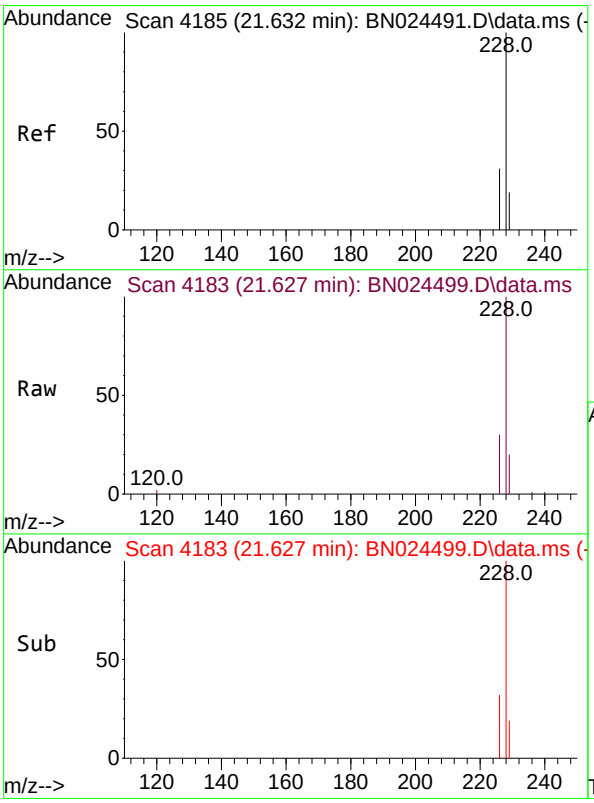
#21
Benzo(a)anthracene
Concen: 0.439 ng/ul
RT: 21.571 min Scan# 41
Delta R.T. -0.005 min
Lab File: BN024499.D
Acq: 23 Mar 2023 03:38

Instrument :
BNA_N
ClientSampleId :
SLCS555

Tgt Ion:228 Resp: 32989

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.8	23.6
226	27.8	22.2	33.4

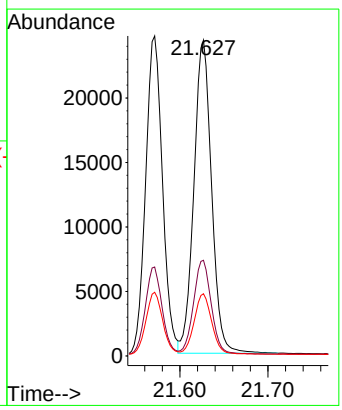


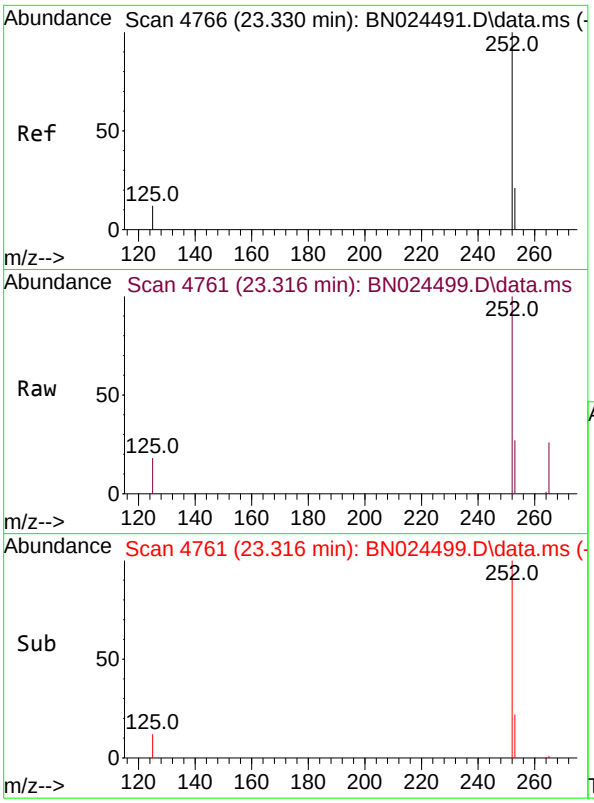


#22
Chrysene
Concen: 0.427 ng/ul
RT: 21.627 min Scan# 4183
Delta R.T. -0.005 min
Lab File: BN024499.D
Acq: 23 Mar 2023 03:38

Tgt Ion:228 Resp: 33874

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.8	37.2
229	19.7	15.8	23.6



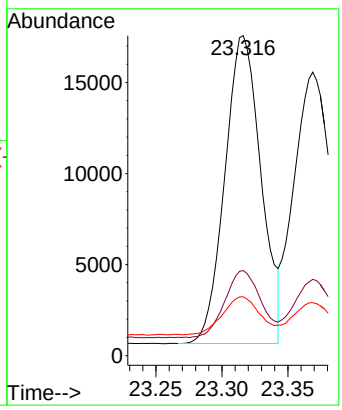


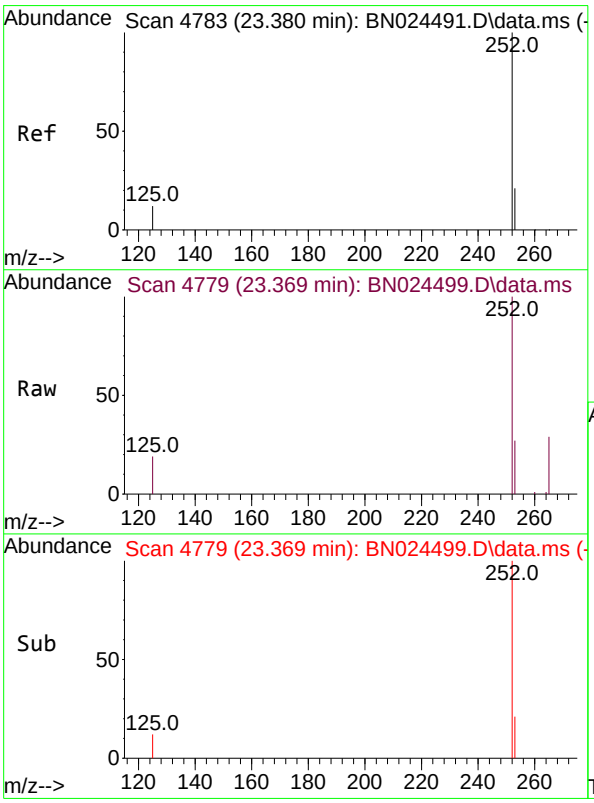
#24
Benzo(b)fluoranthene
Concen: 0.416 ng/ul
RT: 23.316 min Scan# 4
Delta R.T. -0.014 min
Lab File: BN024499.D
Acq: 23 Mar 2023 03:38

Instrument :
BNA_N
ClientSampleId :
SLCS555

Tgt Ion:252 Resp: 32285

Ion	Ratio	Lower	Upper
252	100		
253	26.6	0.0	46.2
125	18.4	0.0	34.0

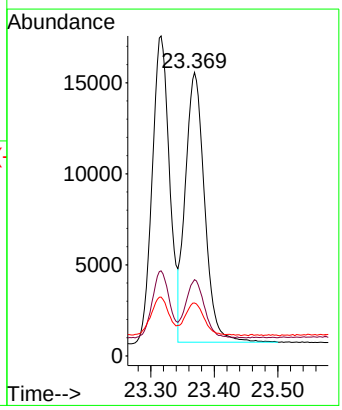


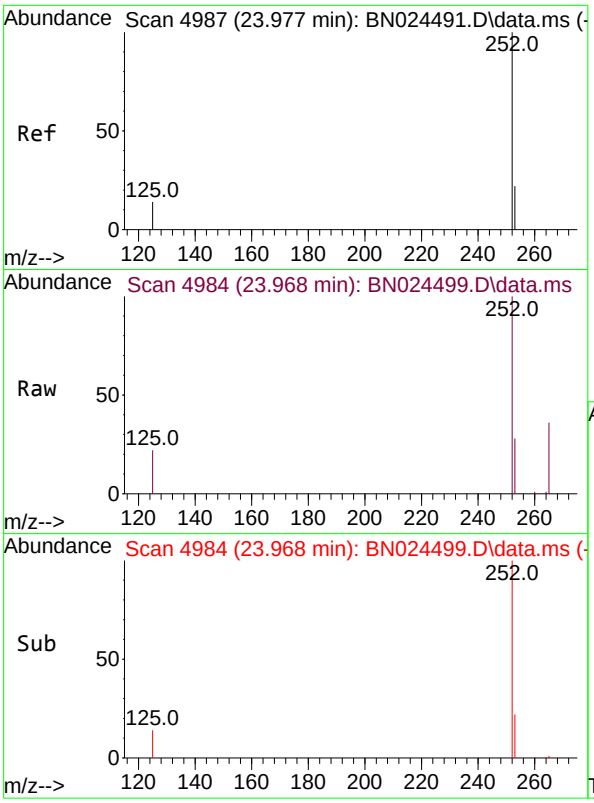


#25
Benzo(k)fluoranthene
Concen: 0.388 ng/ul
RT: 23.369 min Scan# 4779
Delta R.T. -0.011 min
Lab File: BN024499.D
Acq: 23 Mar 2023 03:38

Tgt Ion:252 Resp: 31254

Ion	Ratio	Lower	Upper
252	100		
253	26.9	18.5	27.7
125	18.7	13.2	19.8



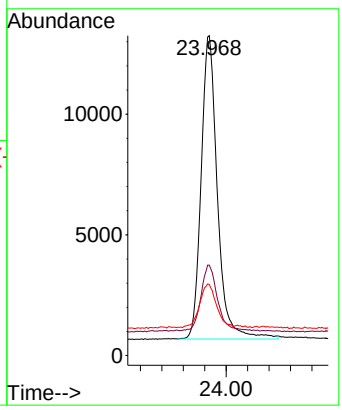


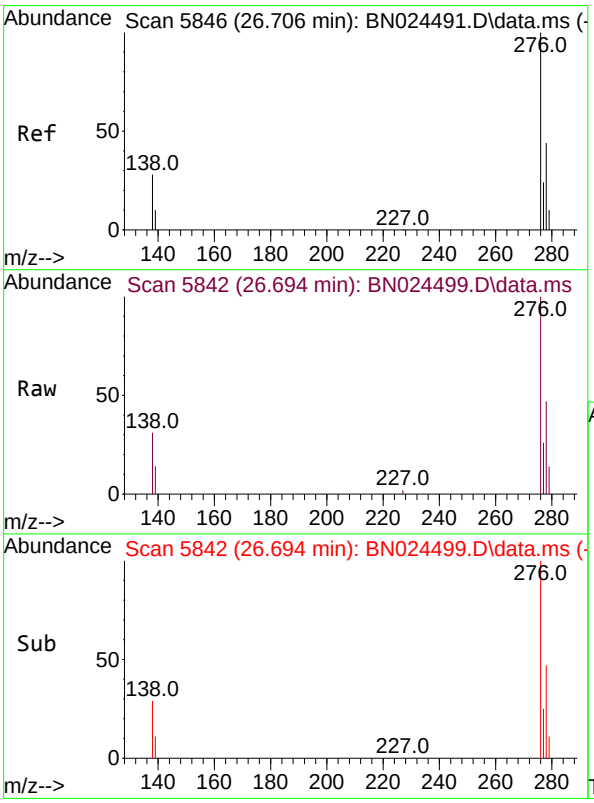
#26
Benzo(a)pyrene
Concen: 0.397 ng/ul
RT: 23.968 min Scan# 49
Delta R.T. -0.008 min
Lab File: BN024499.D
Acq: 23 Mar 2023 03:38

Instrument :
BNA_N
ClientSampleId :
SLCS555

Tgt Ion:252 Resp: 26468

Ion	Ratio	Lower	Upper
252	100		
253	28.3	19.2	28.8
125	22.3	15.8	23.6

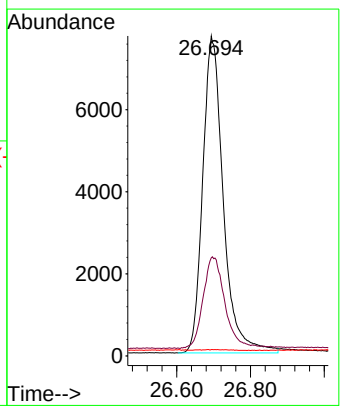


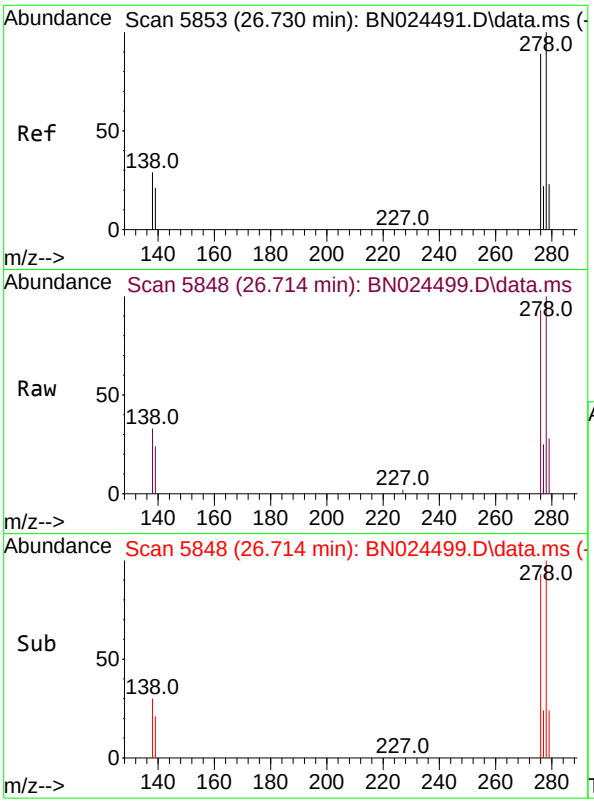


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.397 ng/ul
RT: 26.694 min Scan# 5842
Delta R.T. -0.013 min
Lab File: BN024499.D
Acq: 23 Mar 2023 03:38

Tgt Ion:276 Resp: 29845

Ion	Ratio	Lower	Upper
276	100		
138	30.9	0.0	0.0#
227	0.1	0.0	0.0#



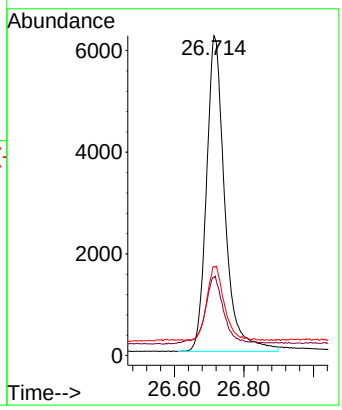


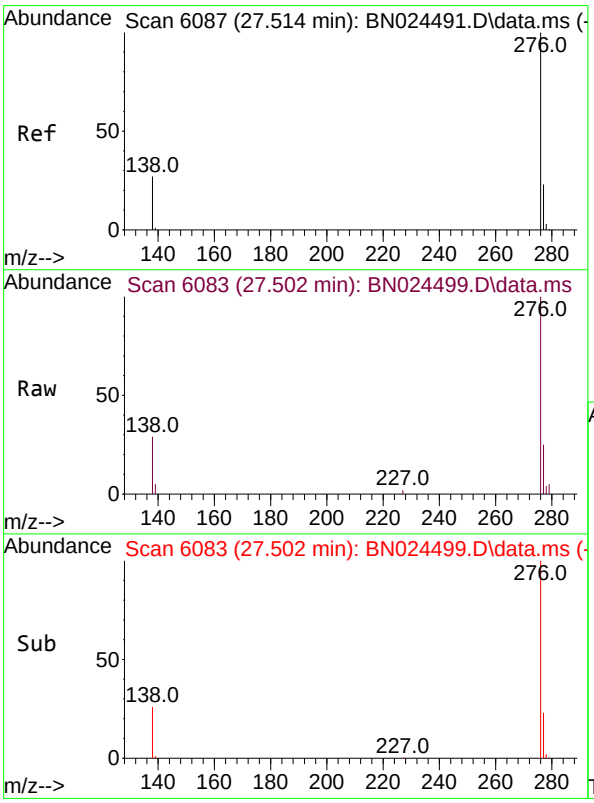
#28
Dibenzo(a,h)anthracene
Concen: 0.399 ng/ul
RT: 26.714 min Scan# 58
Delta R.T. -0.016 min
Lab File: BN024499.D
Acq: 23 Mar 2023 03:38

Instrument :
BNA_N
ClientSampleId :
SLCS555

Tgt Ion:278 Resp: 22774

Ion	Ratio	Lower	Upper
278	100		
139	24.3	21.0	31.6
279	27.9	20.4	30.6





#29
Benzo(g,h,i)perylene
Concen: 0.400 ng/ul
RT: 27.502 min Scan# 6083
Delta R.T. -0.013 min
Lab File: BN024499.D
Acq: 23 Mar 2023 03:38

Tgt Ion:276 Resp: 26098

Ion	Ratio	Lower	Upper
276	100		
138	28.8	25.2	37.8
277	25.0	19.4	29.2