Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032223\
Data File : BN024501.D
Acq On : 23 Mar 2023 04:51
Operator : CG/JU
Sample : PB151559BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS559

Quant Time: Mar 23 05:21:26 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	9487	0.400	ng/ul	0.00
4) Naphthalene-d8	10.839	136	27303	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.661	164	13868	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.409	188	29504	0.400	ng/ul	0.00
17) Chrysene-d12	21.592	240	21754	0.400	ng/ul	0.00
23) Perylene-d12	24.076	264	19293	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	7295	0.699	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	13548	0.418	ng/ul	0.00
18) Fluoranthene-d10	19.432	212	26951	0.466	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.427	88	18731	1.649	ng/ul	89
5) Naphthalene	10.889	128	28004	0.411	ng/ul	99
7) 2-Methylnaphthalene	12.495	142	17053	0.412	ng/ul	100
8) 1-Methylnaphthalene	12.715	142	17857	0.411	ng/ul	99
10) Acenaphthylene	14.384	152	24161	0.418	ng/ul	100
11) Acenaphthene	14.726	153	18428	0.413	ng/ul	98
12) Fluorene	15.707	166	20490	0.412	ng/ul	98
14) Pentachlorophenol	17.059	266	5059	0.617	ng/ul#	73
15) Phenanthrene	17.447	178	33516	0.397	ng/ul	99
16) Anthracene	17.540	178	29406	0.397	ng/ul	99
19) Fluoranthene	19.459	202	38344	0.443	ng/ul	100
20) Pyrene	19.822	202	39285	0.447	ng/ul	99
21) Benzo(a)anthracene	21.574	228	31239	0.440	ng/ul	100
22) Chrysene	21.627	228	32705	0.436	ng/ul	100
24) Benzo(b)fluoranthene	23.313	252	31404	0.426	ng/ul	95
25) Benzo(k)fluoranthene	23.366	252	30330	0.397	ng/ul	95
26) Benzo(a)pyrene	23.965	252	25716	0.406	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.676	276	30244	0.424	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.693	278	23179	0.427	ng/ul	96
29) Benzo(g,h,i)perylene	27.468	276	26726	0.431	ng/ul	97

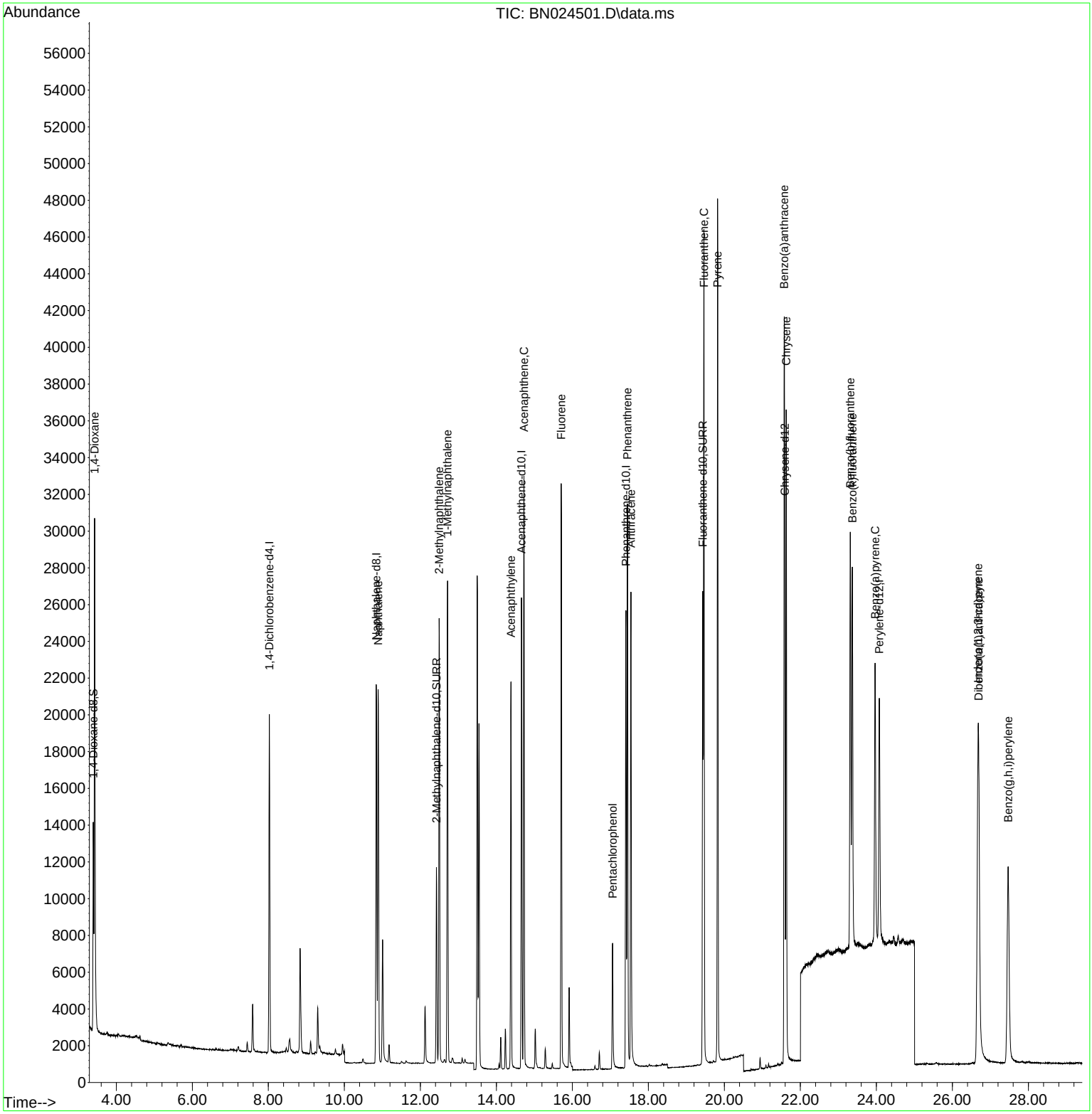
(#) = qualifier out of range (m) = manual integration (+) = signals summed

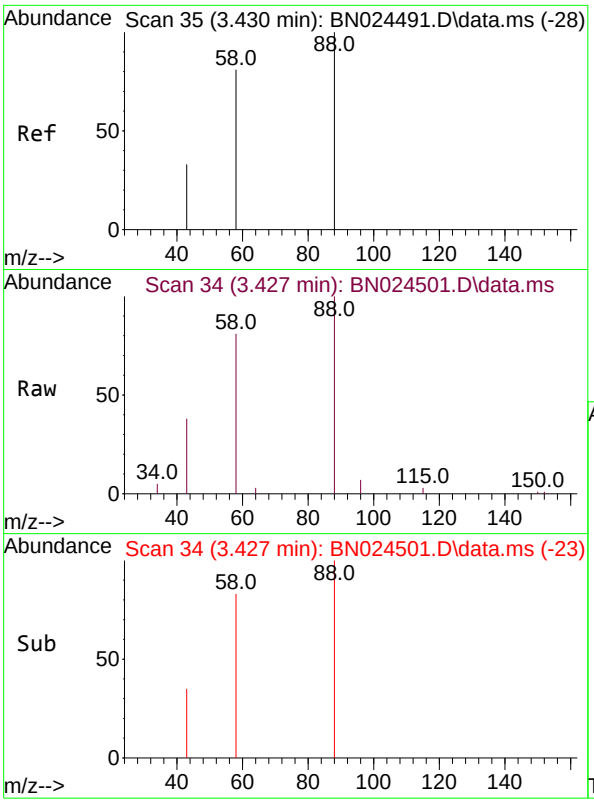
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032223\
Data File : BN024501.D
Acq On : 23 Mar 2023 04:51
Operator : CG/JU
Sample : PB151559BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS559

Quant Time: Mar 23 05:21:26 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



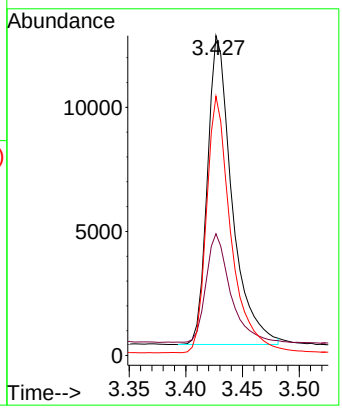


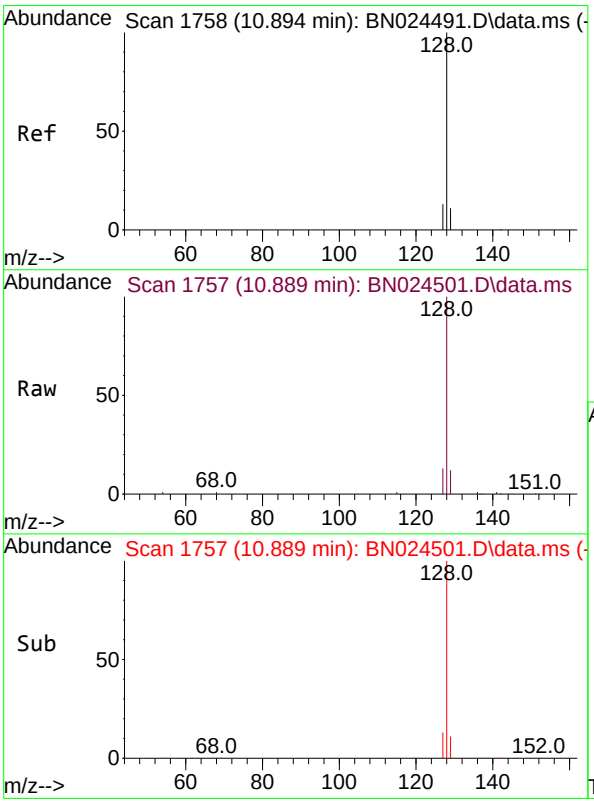
#2
1,4-Dioxane
Concen: 1.649 ng/ul
RT: 3.427 min Scan# 34
Delta R.T. -0.004 min
Lab File: BN024501.D
Acq: 23 Mar 2023 04:51

Instrument :
BNA_N
ClientSampleId :
SLCS559

Tgt Ion: 88 Resp: 18731

Ion	Ratio	Lower	Upper
88	100		
43	38.1	32.1	48.1
58	81.0	55.1	82.7

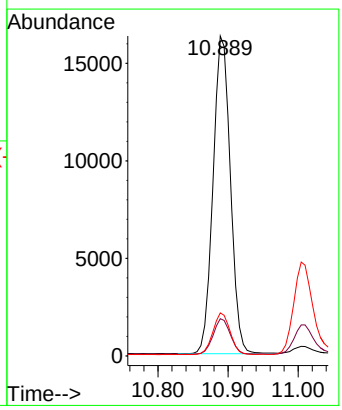


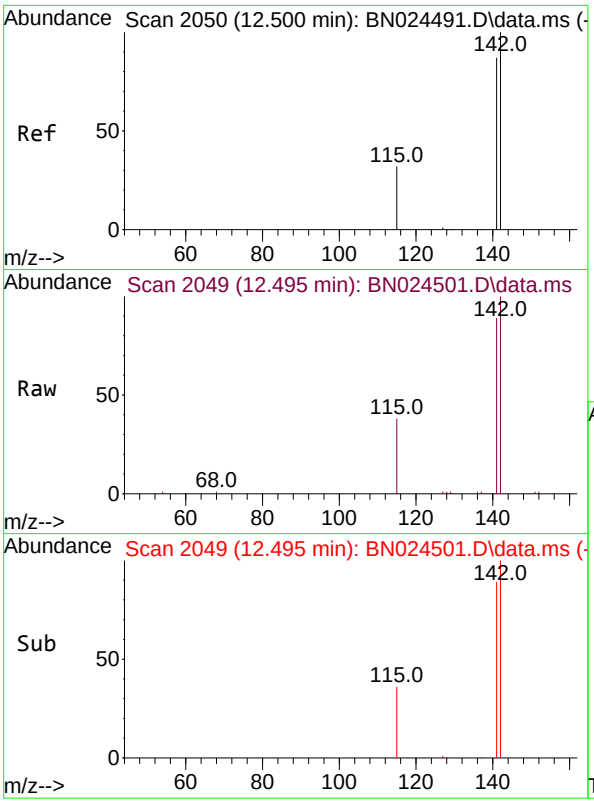


#5
Naphthalene
Concen: 0.411 ng/ul
RT: 10.889 min Scan# 1757
Delta R.T. -0.005 min
Lab File: BN024501.D
Acq: 23 Mar 2023 04:51

Tgt Ion:128 Resp: 28004

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	13.4	10.5	15.7



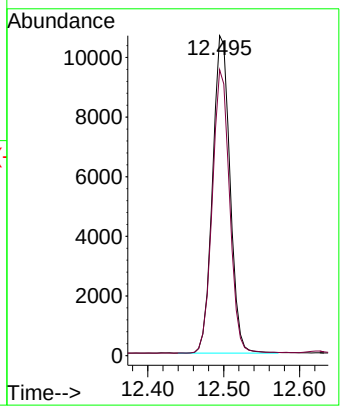


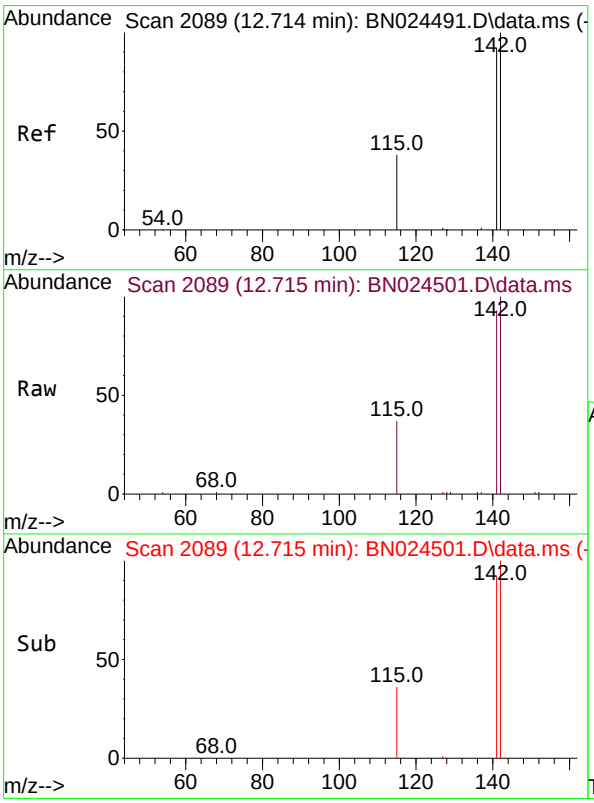
#7
2-Methylnaphthalene
Concen: 0.412 ng/ul
RT: 12.495 min Scan# 20
Delta R.T. -0.005 min
Lab File: BN024501.D
Acq: 23 Mar 2023 04:51

Instrument :
BNA_N
ClientSampleId :
SLCS559

Tgt Ion:142 Resp: 17053

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.3	105.5

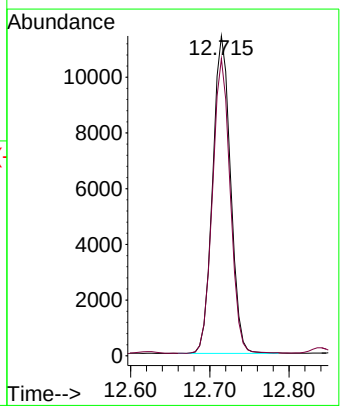


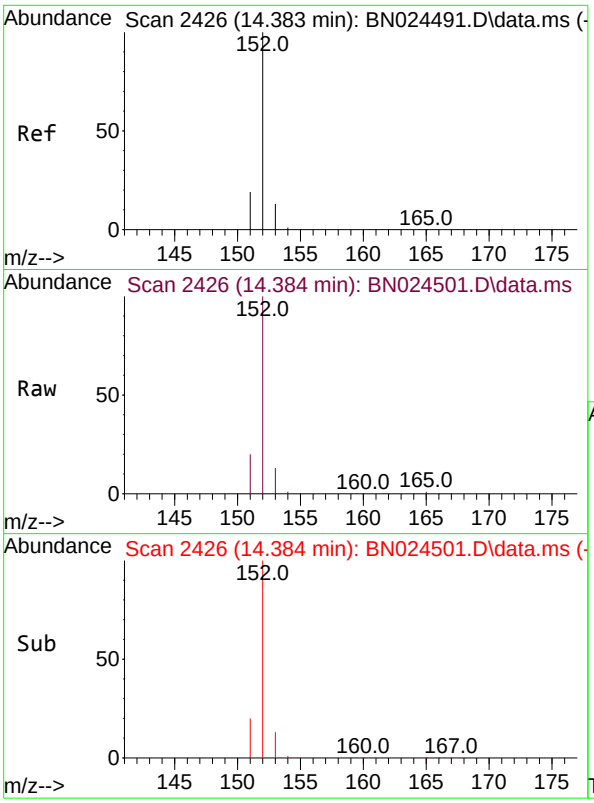


#8
1-Methylnaphthalene
Concen: 0.411 ng/ul
RT: 12.715 min Scan# 2089
Delta R.T. 0.000 min
Lab File: BN024501.D
Acq: 23 Mar 2023 04:51

Tgt Ion:142 Resp: 17857

Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.0	109.6



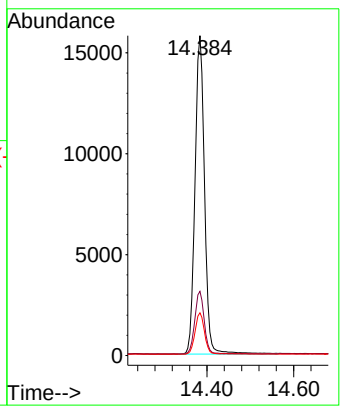


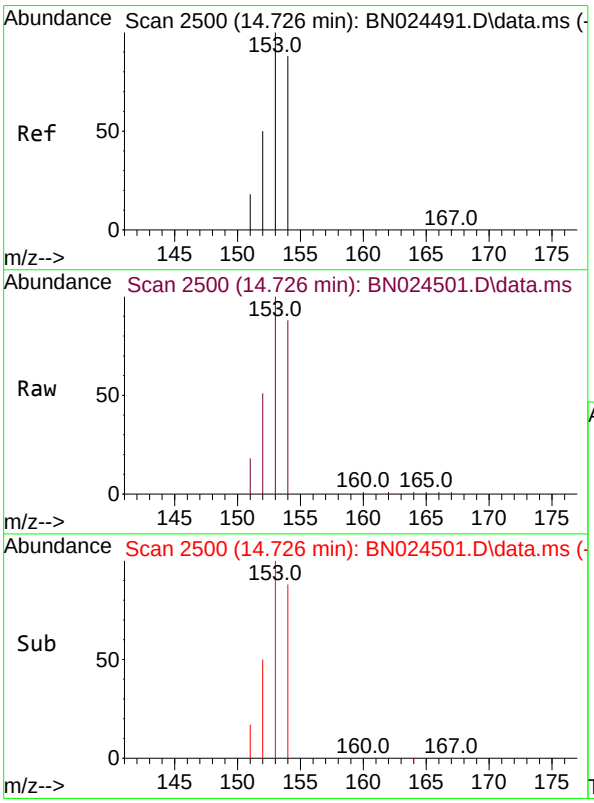
#10
Acenaphthylene
Concen: 0.418 ng/ul
RT: 14.384 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN024501.D
Acq: 23 Mar 2023 04:51

Instrument :
BNA_N
ClientSampleId :
SLCS559

Tgt Ion:152 Resp: 24161

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.9	23.9
153	13.4	10.6	16.0

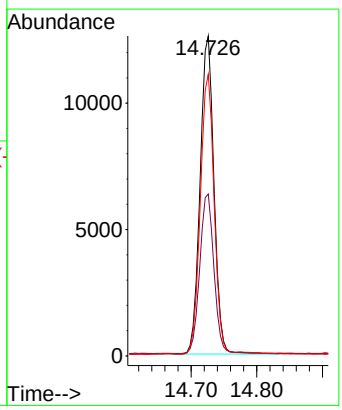


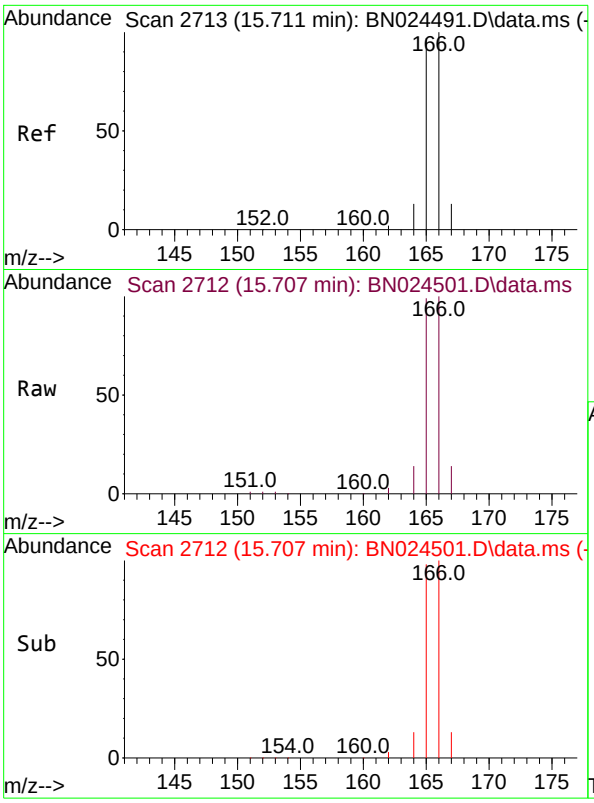


#11
Acenaphthene
Concen: 0.413 ng/ul
RT: 14.726 min Scan# 2500
Delta R.T. 0.000 min
Lab File: BN024501.D
Acq: 23 Mar 2023 04:51

Tgt Ion:153 Resp: 18428

Ion	Ratio	Lower	Upper
153	100		
152	50.6	42.6	64.0
154	88.0	70.6	105.8



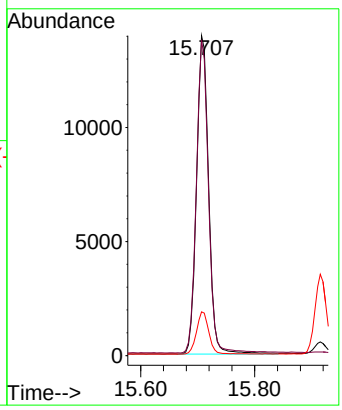


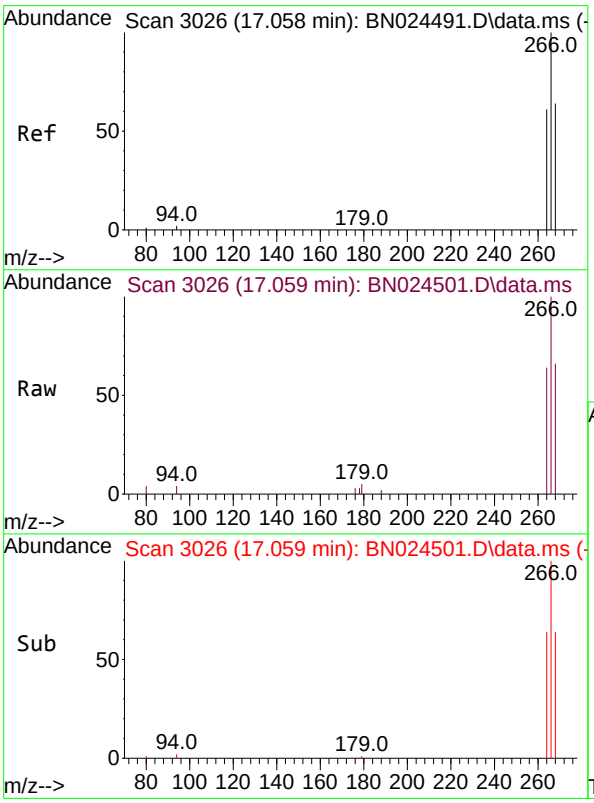
#12
Fluorene
Concen: 0.412 ng/ul
RT: 15.707 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN024501.D
Acq: 23 Mar 2023 04:51

Instrument :
BNA_N
ClientSampleId :
SLCS559

Tgt Ion:166 Resp: 20490

Ion	Ratio	Lower	Upper
166	100		
165	98.7	77.4	116.0
167	13.7	10.9	16.3

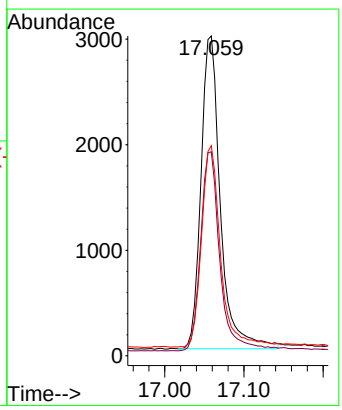


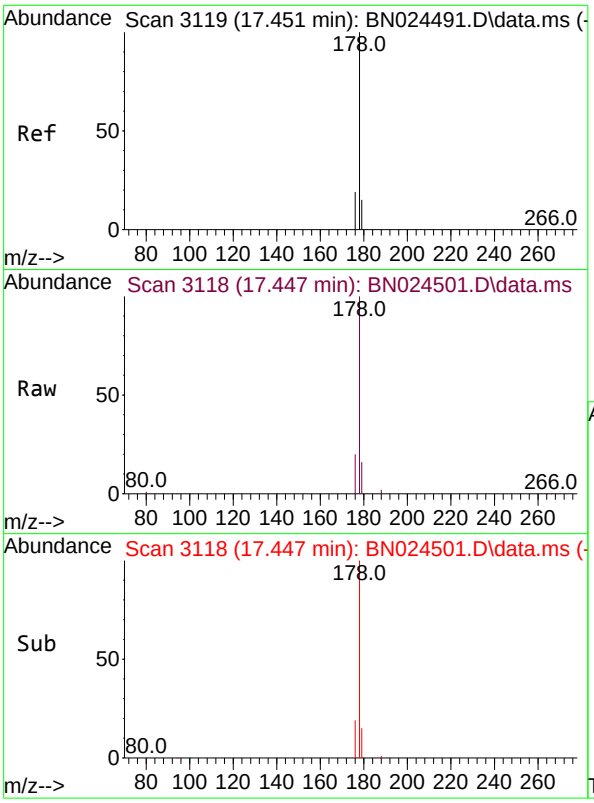


#14
Pentachlorophenol
Concen: 0.617 ng/ul
RT: 17.059 min Scan# 3026
Delta R.T. 0.000 min
Lab File: BN024501.D
Acq: 23 Mar 2023 04:51

Tgt Ion:266 Resp: 5059

Ion	Ratio	Lower	Upper
266	100		
264	63.4	0.0	0.0#
268	63.5	0.1	0.1#



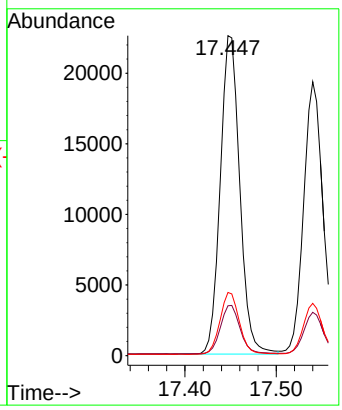


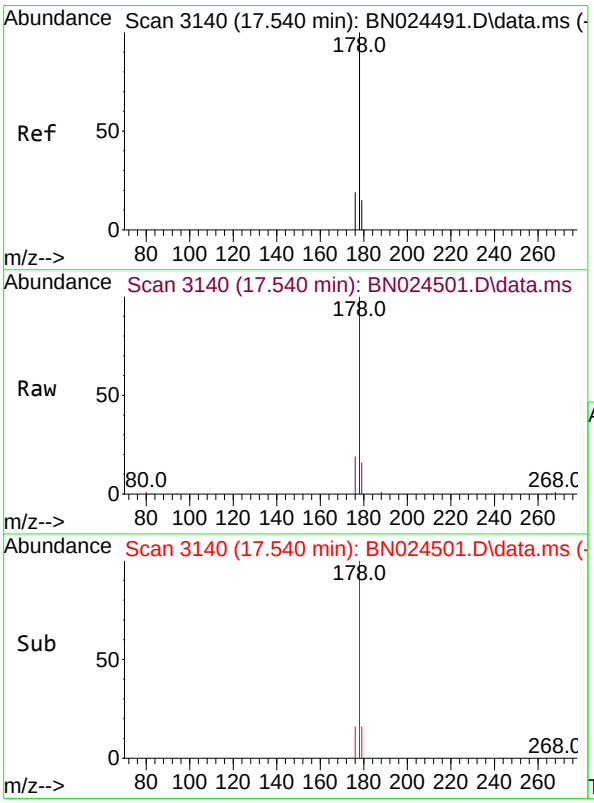
#15
Phenanthrene
Concen: 0.397 ng/ul
RT: 17.447 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN024501.D
Acq: 23 Mar 2023 04:51

Instrument :
BNA_N
ClientSampleId :
SLCS559

Tgt Ion:178 Resp: 33516

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.2	18.2
176	19.7	15.7	23.5

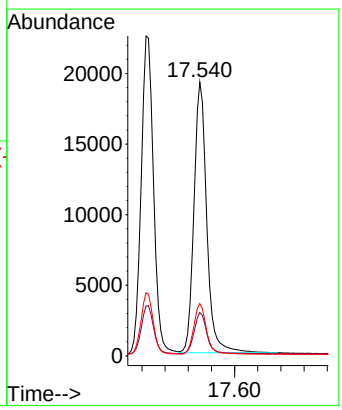


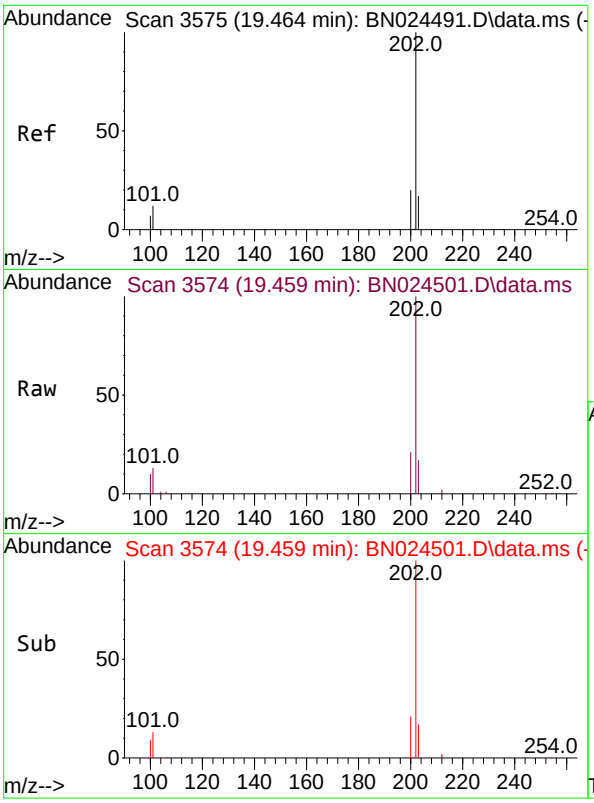


#16
Anthracene
Concen: 0.397 ng/ul
RT: 17.540 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BN024501.D
Acq: 23 Mar 2023 04:51

Tgt Ion:178 Resp: 29406

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	19.1	15.3	22.9



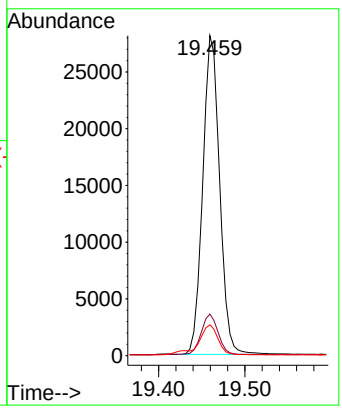


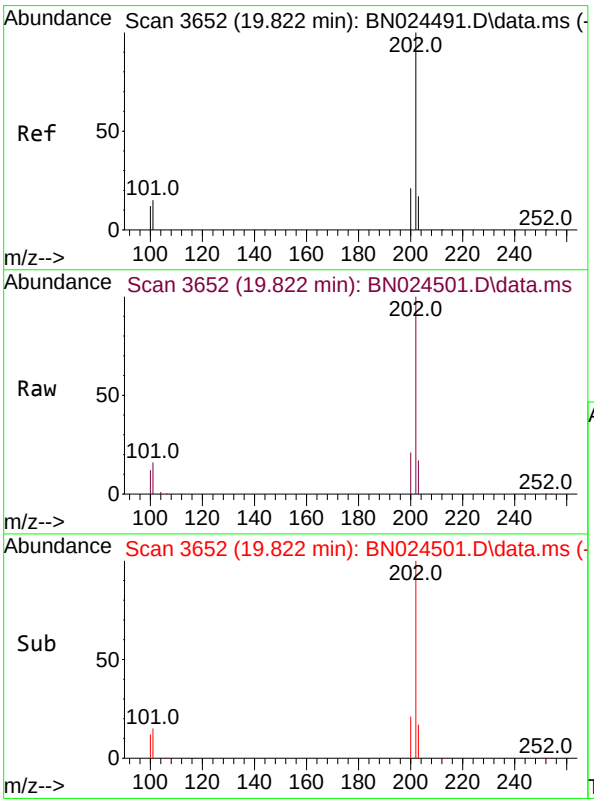
#19
Fluoranthene
Concen: 0.443 ng/ul
RT: 19.459 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN024501.D
Acq: 23 Mar 2023 04:51

Instrument :
BNA_N
ClientSampleId :
SLCS559

Tgt Ion:202 Resp: 38344

Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.4	15.6
100	9.6	7.7	11.5

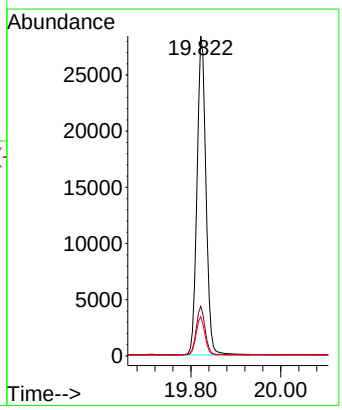


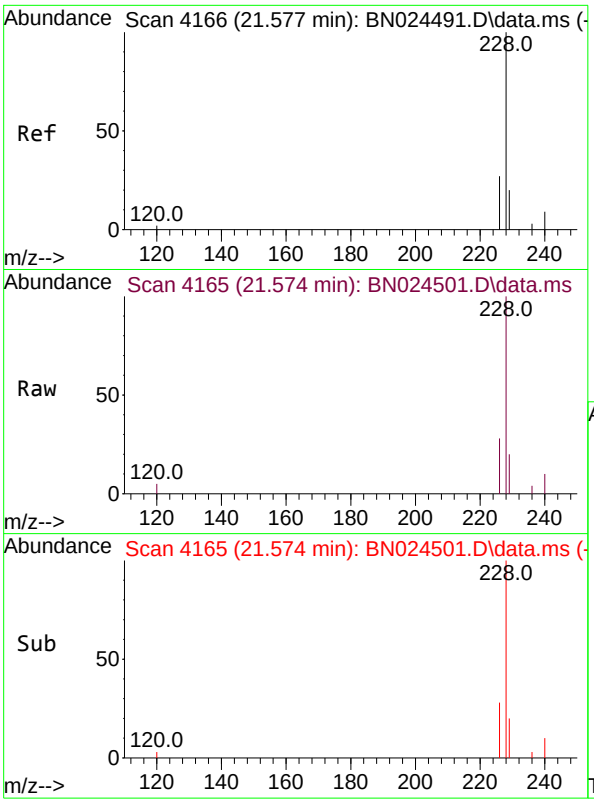


#20
Pyrene
Concen: 0.447 ng/ul
RT: 19.822 min Scan# 3652
Delta R.T. 0.000 min
Lab File: BN024501.D
Acq: 23 Mar 2023 04:51

Tgt Ion:202 Resp: 39285

Ion	Ratio	Lower	Upper
202	100		
101	15.5	12.1	18.1
100	12.2	9.4	14.0



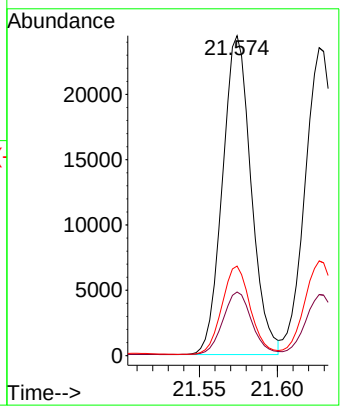


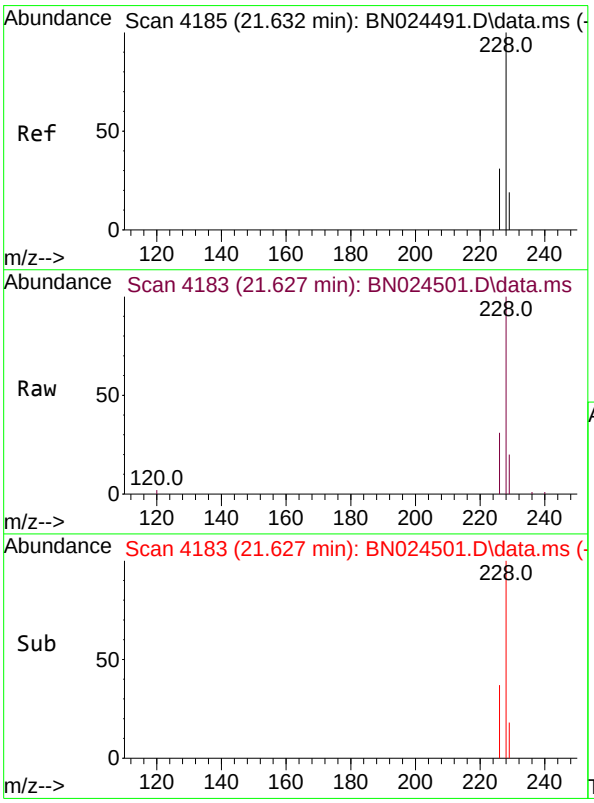
#21
Benzo(a)anthracene
Concen: 0.440 ng/ul
RT: 21.574 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN024501.D
Acq: 23 Mar 2023 04:51

Instrument :
BNA_N
ClientSampleId :
SLCS559

Tgt Ion:228 Resp: 31239

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.8	23.6
226	28.0	22.2	33.4

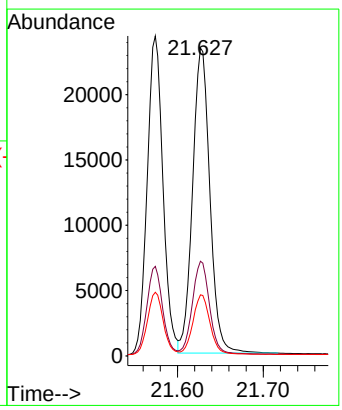


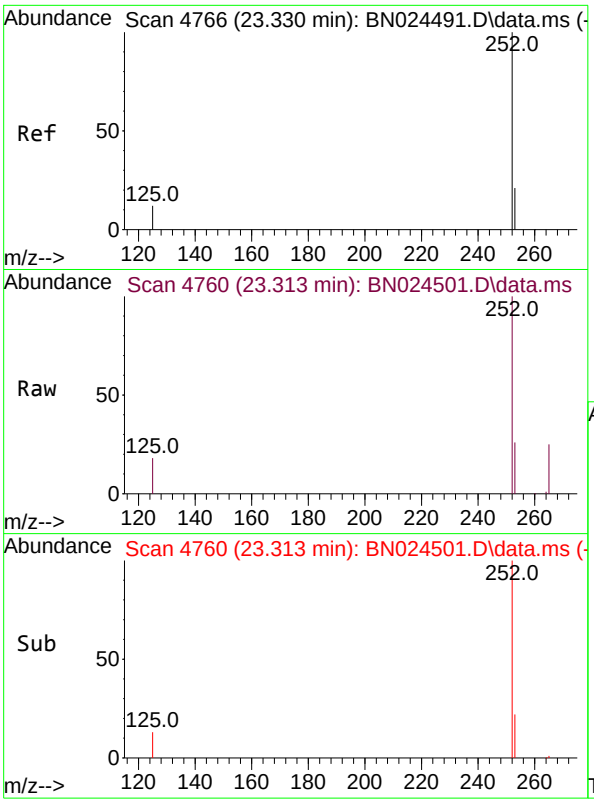


#22
Chrysene
Concen: 0.436 ng/ul
RT: 21.627 min Scan# 4183
Delta R.T. -0.006 min
Lab File: BN024501.D
Acq: 23 Mar 2023 04:51

Tgt Ion:228 Resp: 32705

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.8	37.2
229	19.8	15.8	23.6



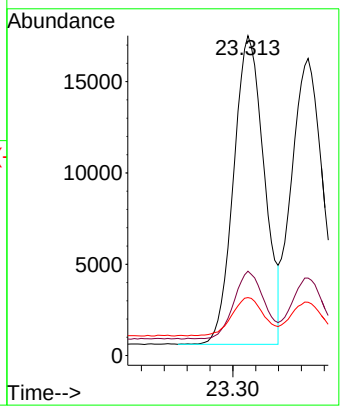


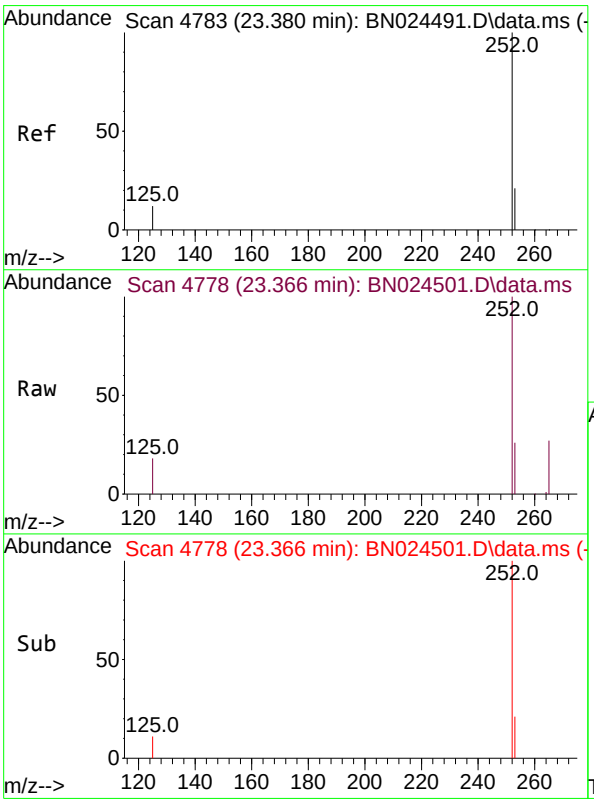
#24
Benzo(b)fluoranthene
Concen: 0.426 ng/ul
RT: 23.313 min Scan# 4
Delta R.T. -0.017 min
Lab File: BN024501.D
Acq: 23 Mar 2023 04:51

Instrument :
BNA_N
ClientSampleId :
SLCS559

Tgt Ion:252 Resp: 31404

Ion	Ratio	Lower	Upper
252	100		
253	26.4	0.0	46.2
125	18.1	0.0	34.0

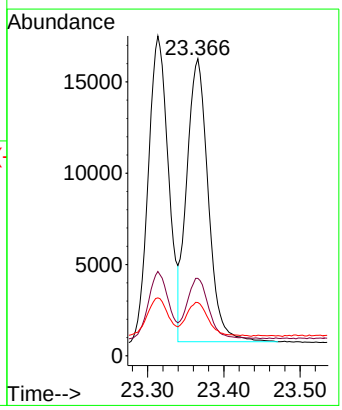


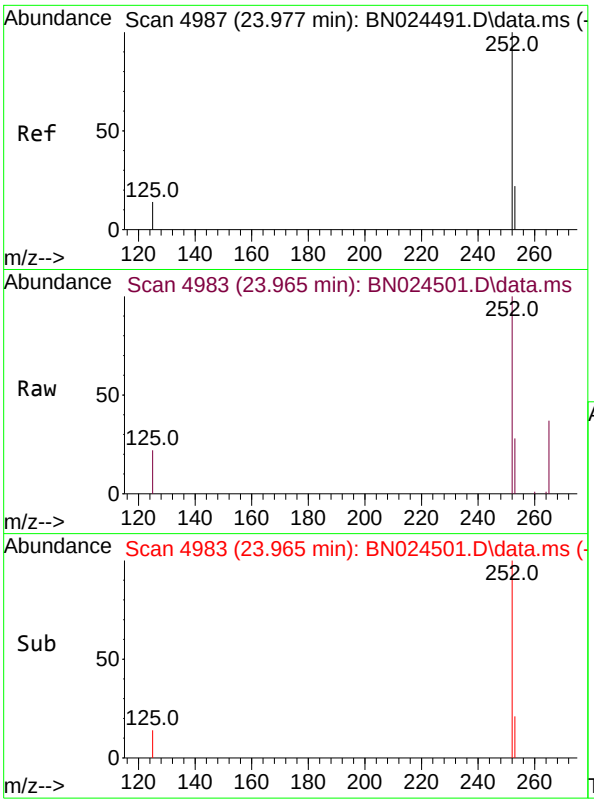


#25
Benzo(k)fluoranthene
Concen: 0.397 ng/ul
RT: 23.366 min Scan# 4778
Delta R.T. -0.014 min
Lab File: BN024501.D
Acq: 23 Mar 2023 04:51

Tgt Ion:252 Resp: 30330

Ion	Ratio	Lower	Upper
252	100		
253	26.1	18.5	27.7
125	17.9	13.2	19.8



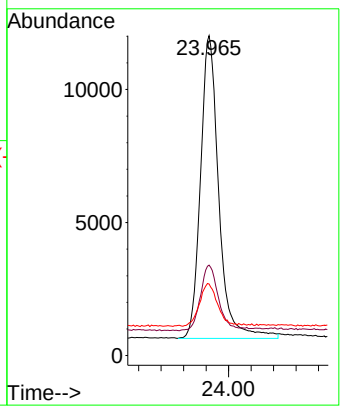


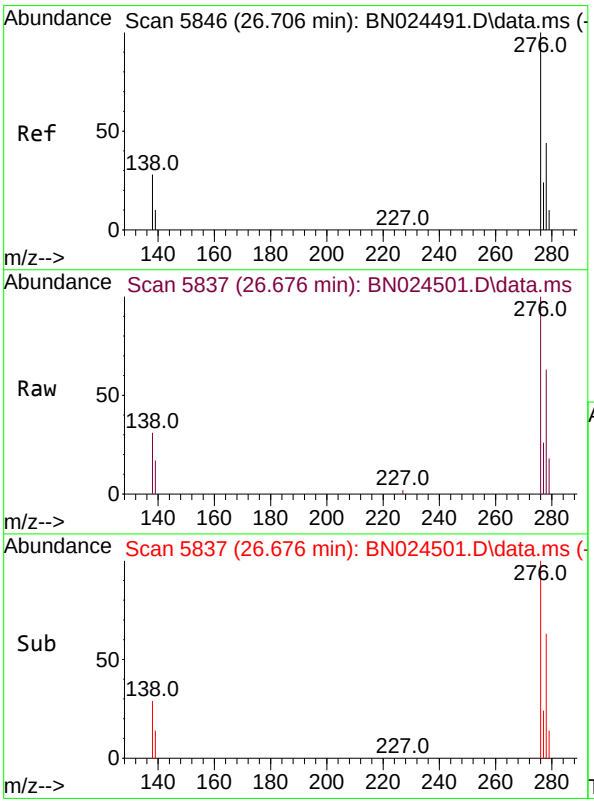
#26
Benzo(a)pyrene
Concen: 0.406 ng/ul
RT: 23.965 min Scan# 49
Delta R.T. -0.011 min
Lab File: BN024501.D
Acq: 23 Mar 2023 04:51

Instrument :
BNA_N
ClientSampleId :
SLCS559

Tgt Ion:252 Resp: 25716

Ion	Ratio	Lower	Upper
252	100		
253	28.3	19.2	28.8
125	22.4	15.8	23.6

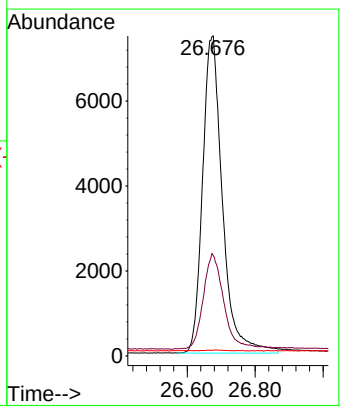


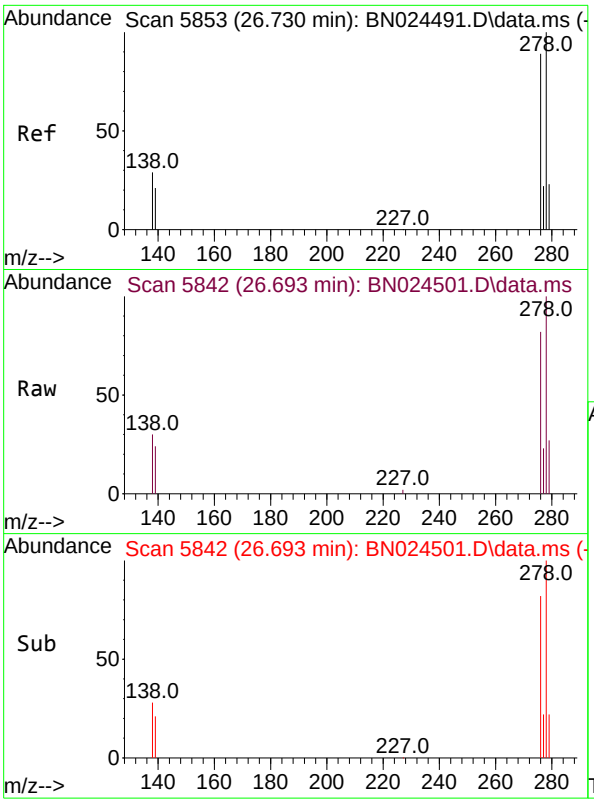


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.424 ng/ul
RT: 26.676 min Scan# 5837
Delta R.T. -0.030 min
Lab File: BN024501.D
Acq: 23 Mar 2023 04:51

Tgt Ion:276 Resp: 30244

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



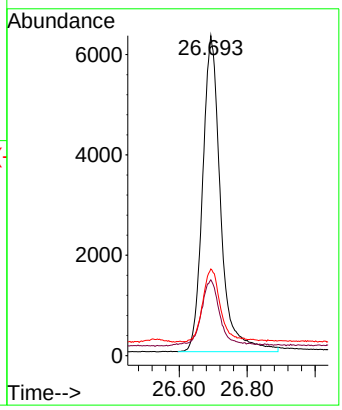


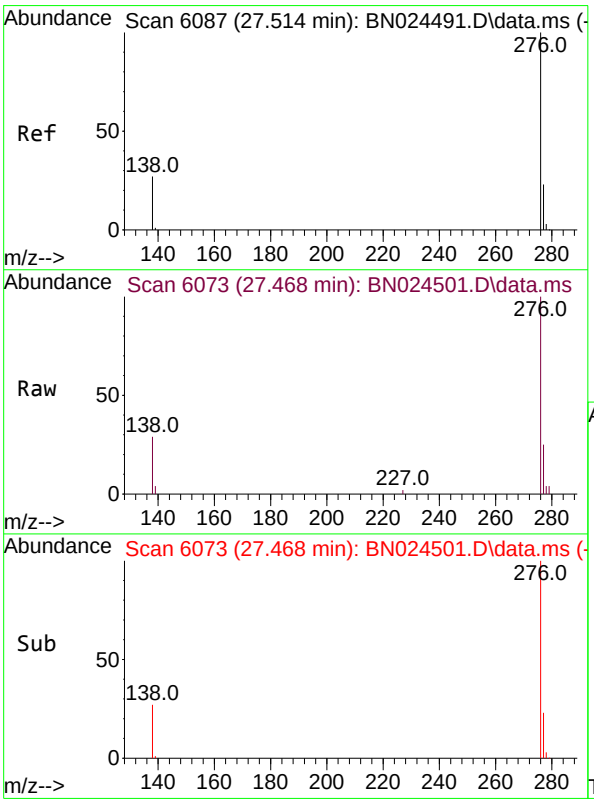
#28
Dibenzo(a,h)anthracene
Concen: 0.427 ng/ul
RT: 26.693 min Scan# 58
Delta R.T. -0.037 min
Lab File: BN024501.D
Acq: 23 Mar 2023 04:51

Instrument :
BNA_N
ClientSampleId :
SLCS559

Tgt Ion:278 Resp: 23179

Ion	Ratio	Lower	Upper
278	100		
139	23.7	21.0	31.6
279	27.1	20.4	30.6





#29
Benzo(g,h,i)perylene
Concen: 0.431 ng/ul
RT: 27.468 min Scan# 6073
Delta R.T. -0.047 min
Lab File: BN024501.D
Acq: 23 Mar 2023 04:51

Tgt Ion:276 Resp: 26726

Ion	Ratio	Lower	Upper
276	100		
138	28.7	25.2	37.8
277	24.6	19.4	29.2