Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103124\
Data File : BN034777.D
Acq On : 31 Oct 2024 21:54
Operator : RC/JU
Sample : PB164351BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS351

Quant Time: Nov 03 23:23:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 11:13:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.600	152	7222	0.400	ng/ul	0.00
4) Naphthalene-d8	10.366	136	21776	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.236	164	11957	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.979	188	24536	0.400	ng/ul	0.00
17) Chrysene-d12	21.172	240	17199	0.400	ng/ul	0.00
23) Perylene-d12	23.355	264	14356	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.174	96	6570	0.879	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.967	152	13382	0.490	ng/ul	0.00
18) Fluoranthene-d10	19.014	212	26873	0.480	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.203	88	18605	2.267	ng/ul#	84
5) Naphthalene	10.416	128	27451	0.476	ng/ul	100
7) 2-Methylnaphthalene	12.038	142	17580	0.469	ng/ul	100
8) 1-Methylnaphthalene	12.258	142	17875	0.468	ng/ul	100
10) Acenaphthylene	13.953	152	25583	0.470	ng/ul	99
11) Acenaphthene	14.296	153	19604	0.471	ng/ul	99
12) Fluorene	15.290	166	21069	0.454	ng/ul	98
14) Pentachlorophenol	16.633	266	4661	0.963	ng/ul	99
15) Phenanthrene	17.021	178	34143	0.460	ng/ul	99
16) Anthracene	17.114	178	30952	0.451	ng/ul	100
19) Fluoranthene	19.042	202	38672	0.464	ng/ul	99
20) Pyrene	19.404	202	40401	0.465	ng/ul	97
21) Benzo(a)anthracene	21.157	228	33526	0.487	ng/ul	100
22) Chrysene	21.207	228	33591	0.487	ng/ul	100
24) Benzo(b)fluoranthene	22.706	252	29835	0.511	ng/ul	99
25) Benzo(k)fluoranthene	22.747	252	29550	0.501	ng/ul	98
26) Benzo(a)pyrene	23.258	252	25072	0.498	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.530	276	26223	0.490	ng/ul	99
28) Dibenzo(a,h)anthracene	25.547	278	19836	0.490	ng/ul	98
29) Benzo(g,h,i)perylene	26.184	276	20694	0.492	ng/ul	99

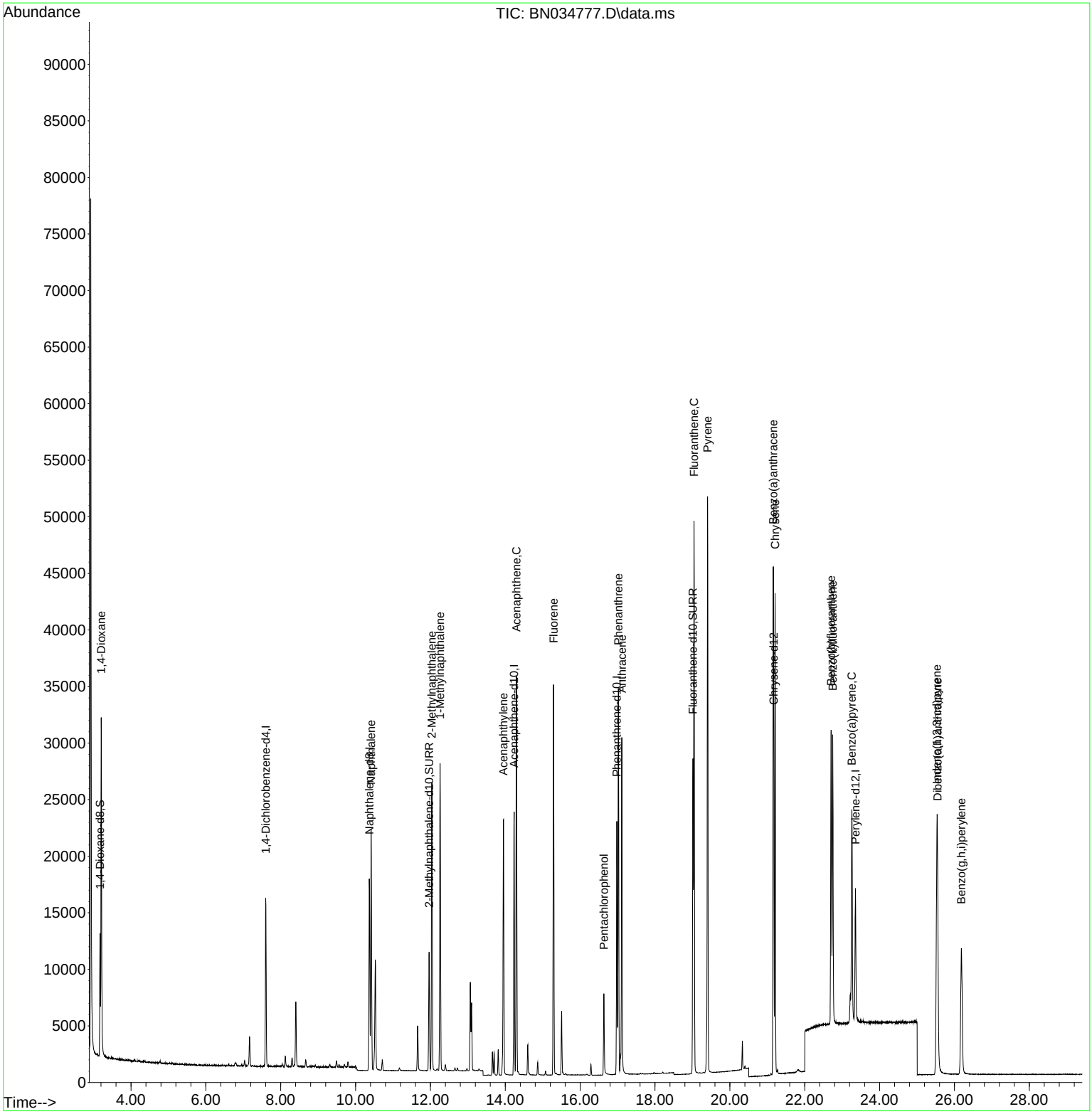
(#) = qualifier out of range (m) = manual integration (+) = signals summed

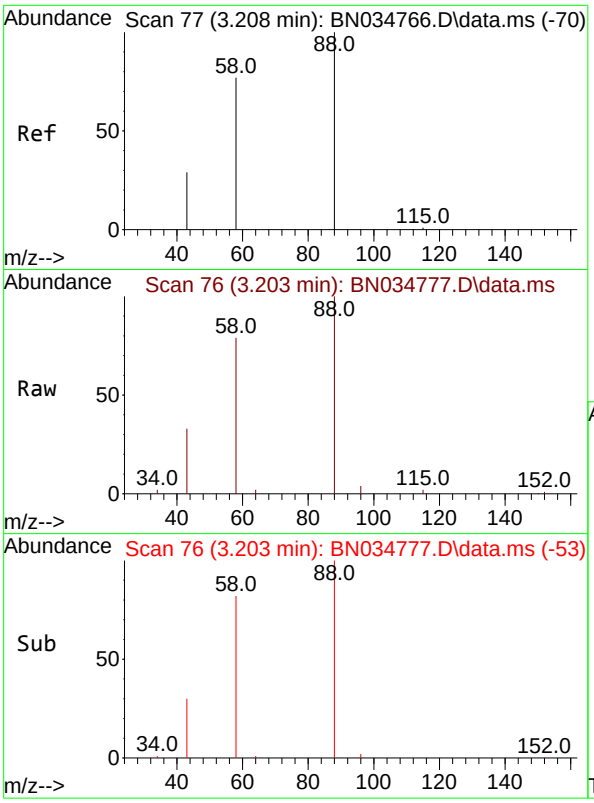
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103124\
Data File : BN034777.D
Acq On : 31 Oct 2024 21:54
Operator : RC/JU
Sample : PB164351BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS351

Quant Time: Nov 03 23:23:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 11:13:08 2024
Response via : Initial Calibration



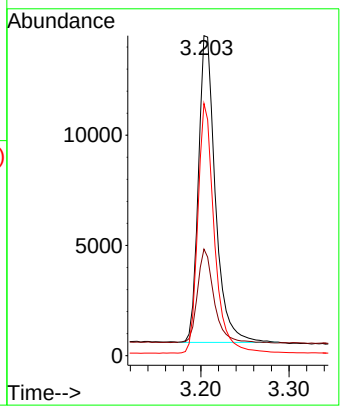


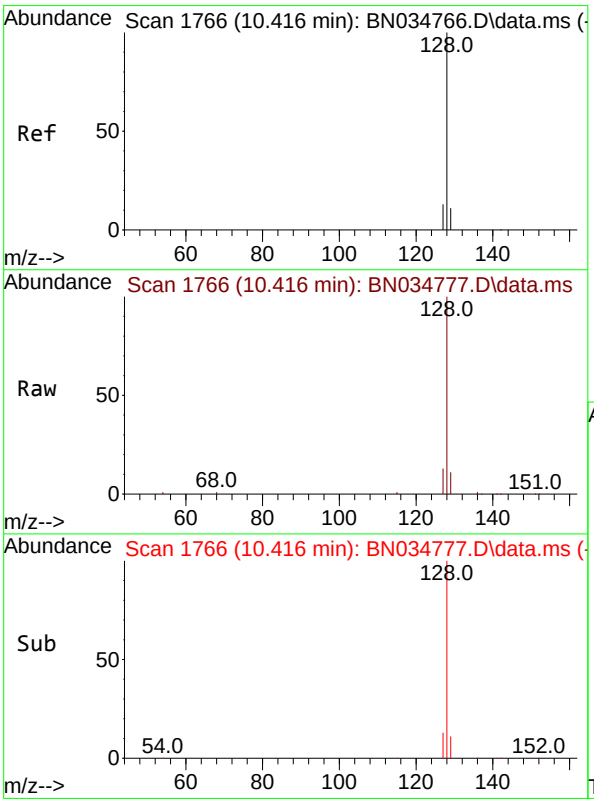
#2
1,4-Dioxane
Concen: 2.267 ng/ul
RT: 3.203 min Scan# 7
Delta R.T. -0.004 min
Lab File: BN034777.D
Acq: 31 Oct 2024 21:54

Instrument :
BNA_N
ClientSampleId :
SLCS351

Tgt Ion: 88 Resp: 18605

Ion	Ratio	Lower	Upper
88	100		
43	33.3	41.9	62.9#
58	78.8	57.5	86.3

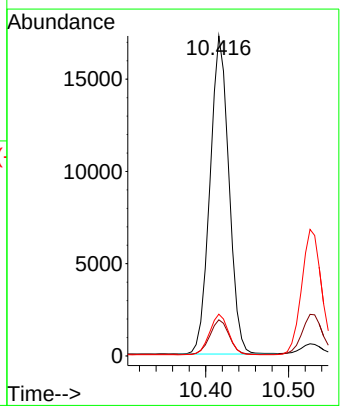


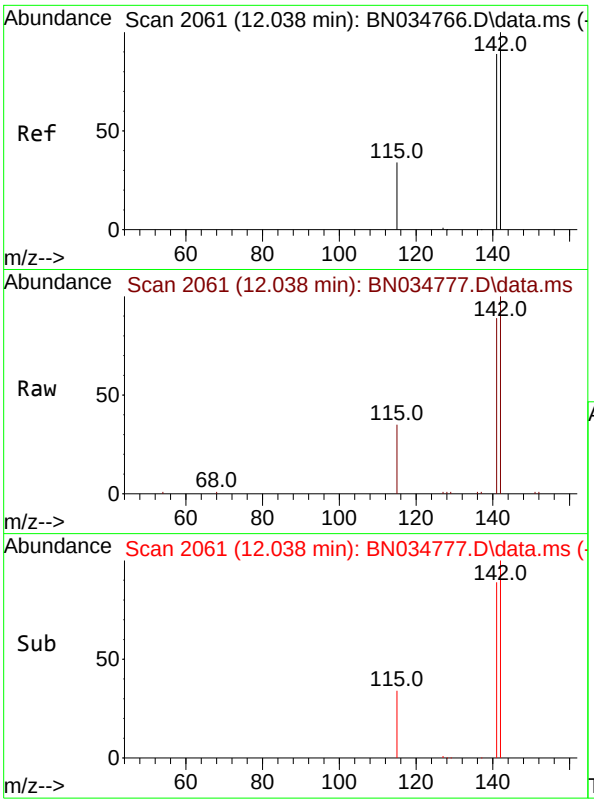


#5
Naphthalene
Concen: 0.476 ng/ul
RT: 10.416 min Scan# 1766
Delta R.T. -0.006 min
Lab File: BN034777.D
Acq: 31 Oct 2024 21:54

Tgt Ion:128 Resp: 27451

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	13.0	10.5	15.7



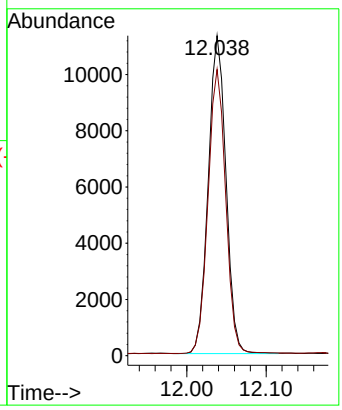


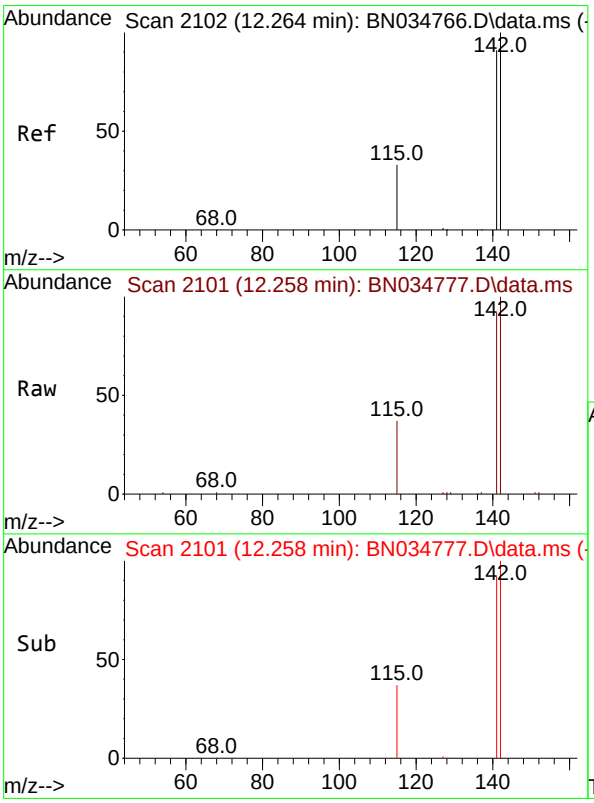
#7
2-Methylnaphthalene
Concen: 0.469 ng/ul
RT: 12.038 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN034777.D
Acq: 31 Oct 2024 21:54

Instrument :
BNA_N
ClientSampleId :
SLCS351

Tgt Ion:142 Resp: 17580

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.1	106.7

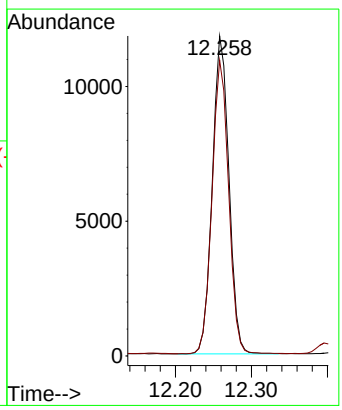


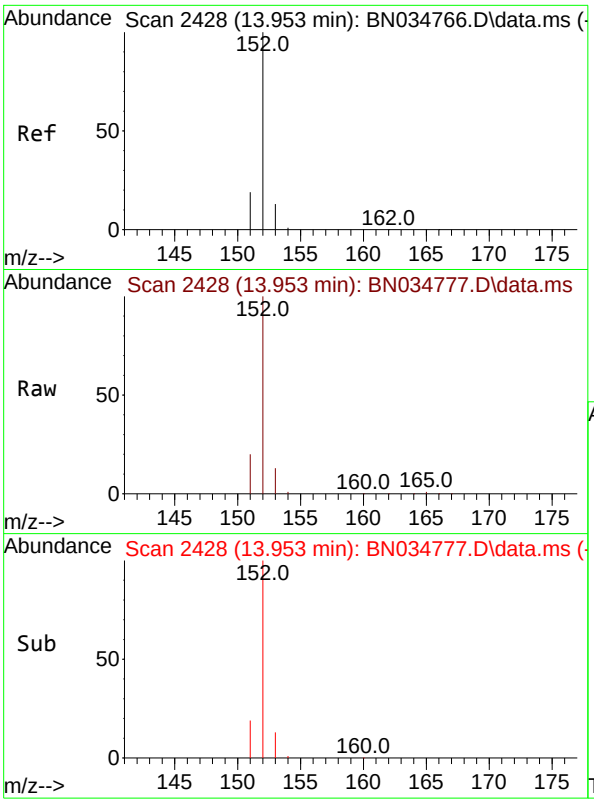


#8
1-Methylnaphthalene
Concen: 0.468 ng/ul
RT: 12.258 min Scan# 2101
Delta R.T. -0.006 min
Lab File: BN034777.D
Acq: 31 Oct 2024 21:54

Tgt Ion:142 Resp: 17875

Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.6	110.4



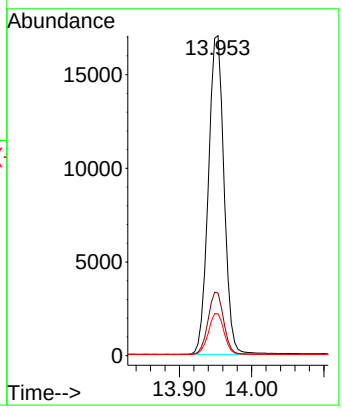


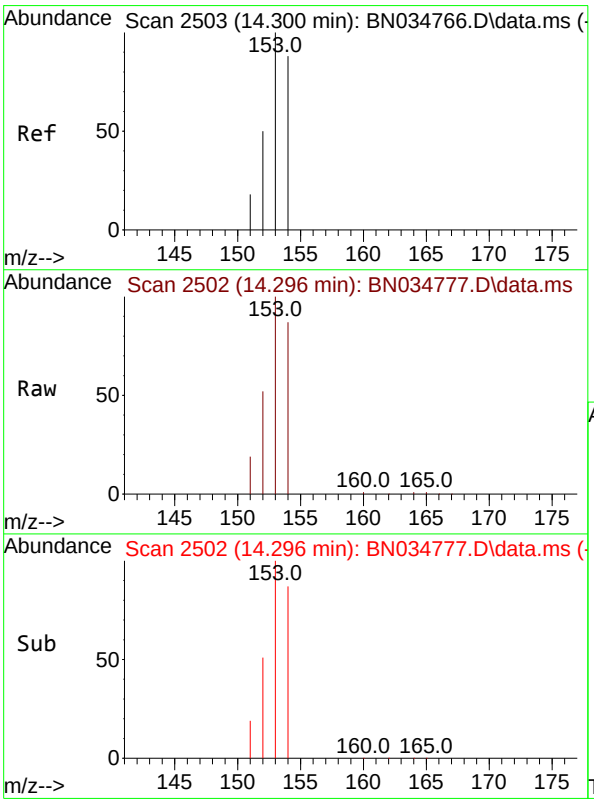
#10
Acenaphthylene
Concen: 0.470 ng/ul
RT: 13.953 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN034777.D
Acq: 31 Oct 2024 21:54

Instrument :
BNA_N
ClientSampleId :
SLCS351

Tgt Ion:152 Resp: 25583

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.0	24.0
153	13.1	10.7	16.1

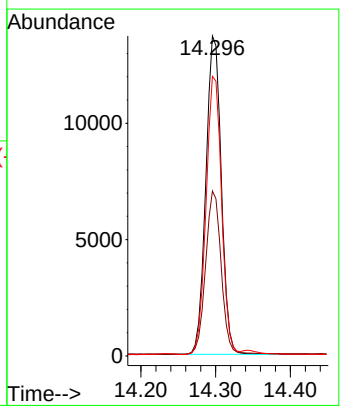


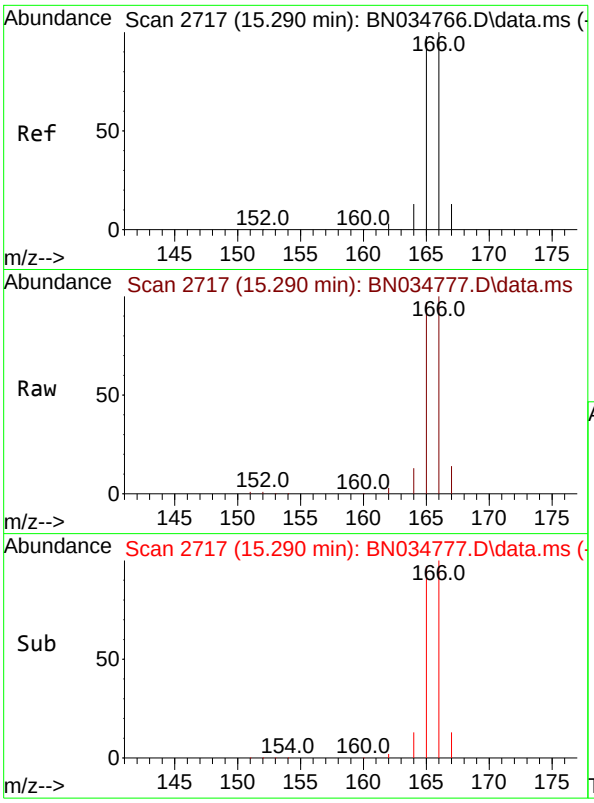


#11
Acenaphthene
Concen: 0.471 ng/ul
RT: 14.296 min Scan# 2502
Delta R.T. -0.005 min
Lab File: BN034777.D
Acq: 31 Oct 2024 21:54

Tgt Ion:153 Resp: 19604

Ion	Ratio	Lower	Upper
153	100		
152	51.6	40.3	60.5
154	87.4	69.9	104.9



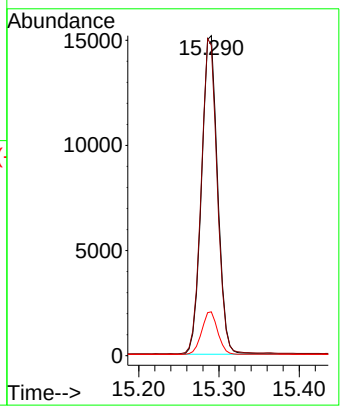


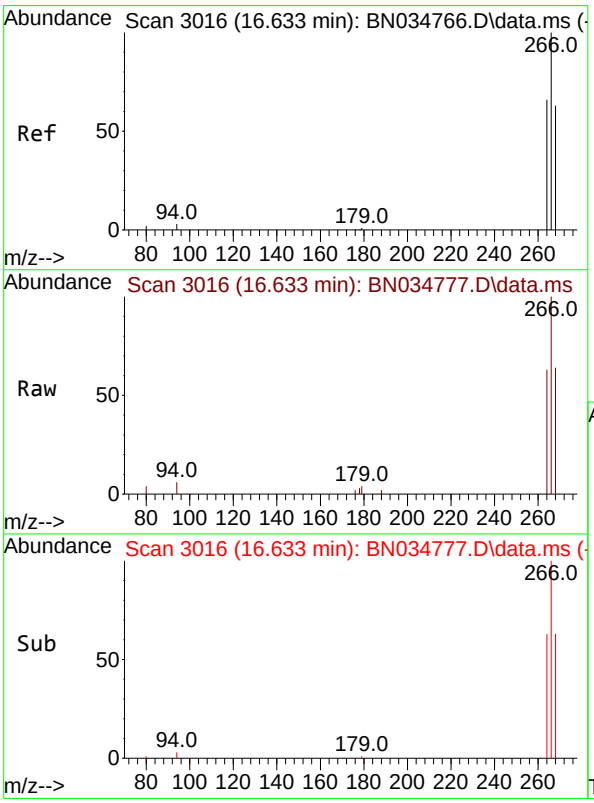
#12
Fluorene
Concen: 0.454 ng/ul
RT: 15.290 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN034777.D
Acq: 31 Oct 2024 21:54

Instrument :
BNA_N
ClientSampleId :
SLCS351

Tgt Ion:166 Resp: 21069

Ion	Ratio	Lower	Upper
166	100		
165	97.0	79.1	118.7
167	13.7	11.0	16.4

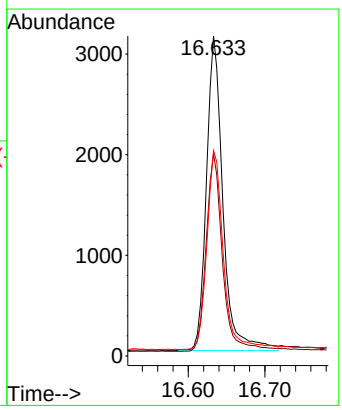


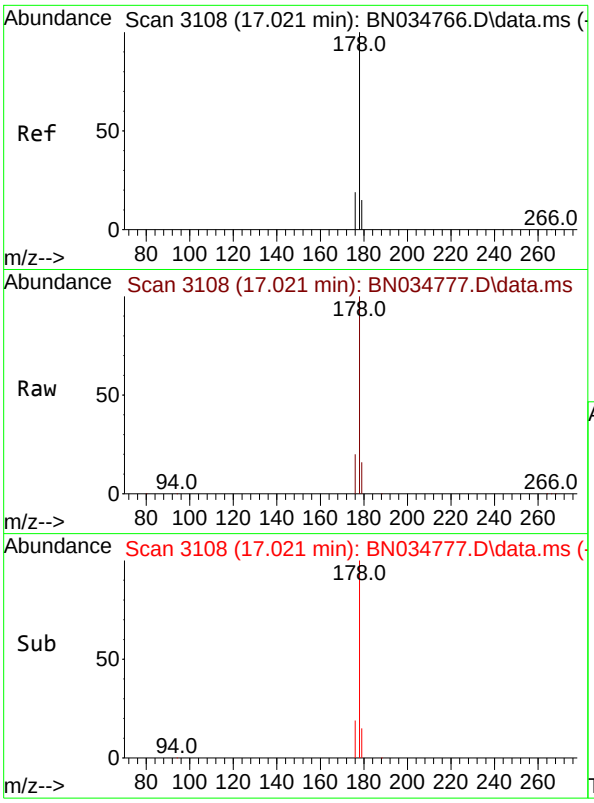


#14
Pentachlorophenol
Concen: 0.963 ng/ul
RT: 16.633 min Scan# 3016
Delta R.T. -0.004 min
Lab File: BN034777.D
Acq: 31 Oct 2024 21:54

Tgt Ion:266 Resp: 4661

Ion	Ratio	Lower	Upper
266	100		
264	62.5	50.1	75.1
268	64.0	52.0	78.0



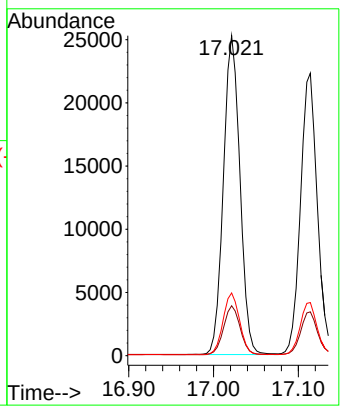


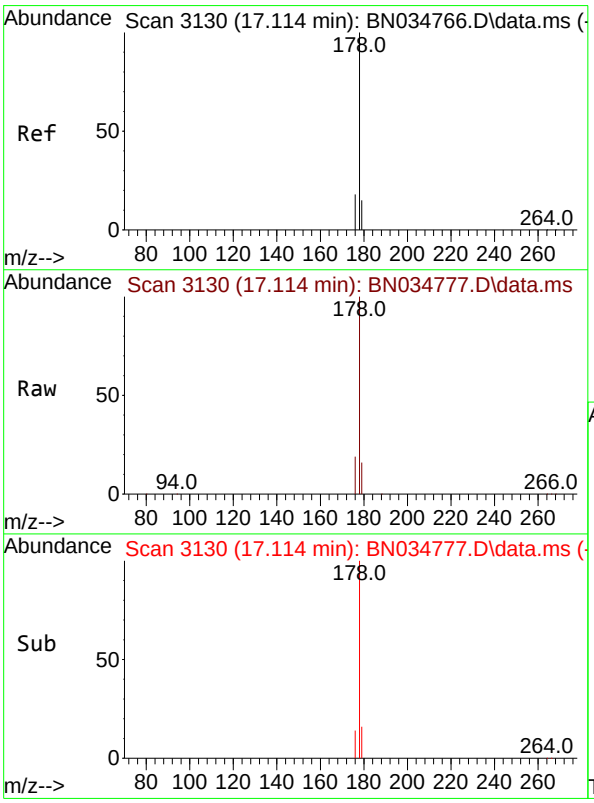
#15
Phenanthrene
Concen: 0.460 ng/ul
RT: 17.021 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN034777.D
Acq: 31 Oct 2024 21:54

Instrument :
BNA_N
ClientSampleId :
SLCS351

Tgt Ion:178 Resp: 34143

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.4	18.6
176	19.6	15.4	23.0

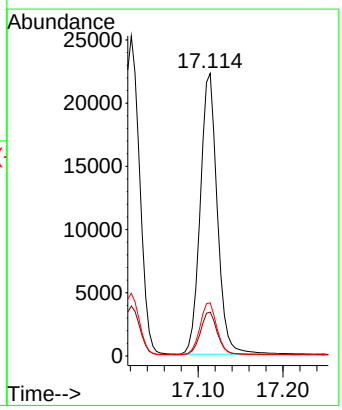


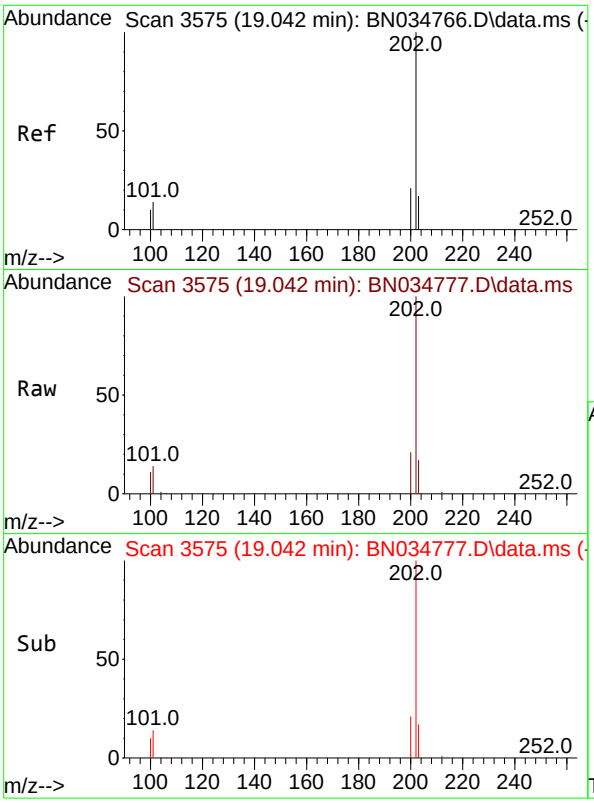


#16
Anthracene
Concen: 0.451 ng/ul
RT: 17.114 min Scan# 3130
Delta R.T. -0.000 min
Lab File: BN034777.D
Acq: 31 Oct 2024 21:54

Tgt Ion:178 Resp: 30952

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	18.8	15.1	22.7



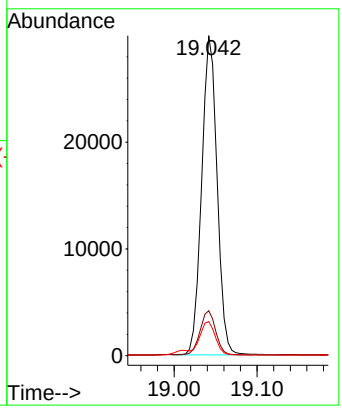


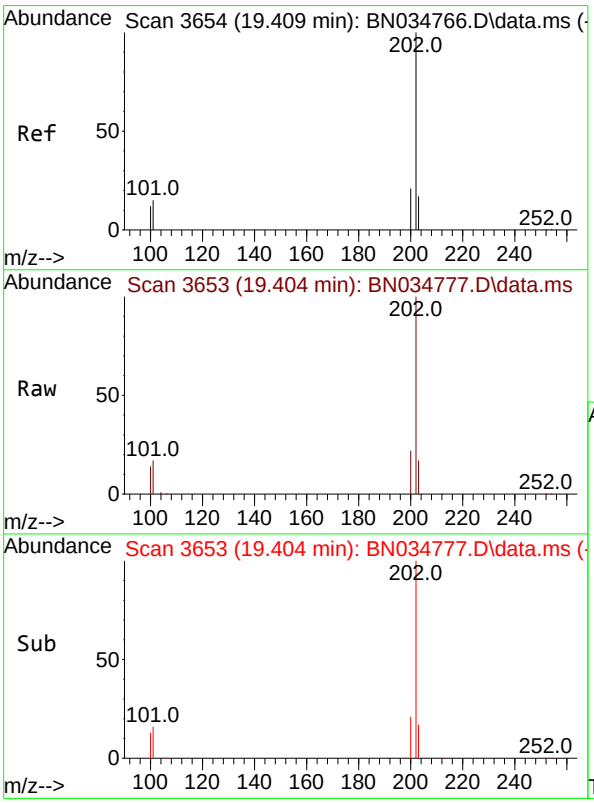
#19
Fluoranthene
Concen: 0.464 ng/ul
RT: 19.042 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN034777.D
Acq: 31 Oct 2024 21:54

Instrument :
BNA_N
ClientSampleId :
SLCS351

Tgt Ion:202 Resp: 38672

Ion	Ratio	Lower	Upper
202	100		
101	14.1	10.8	16.2
100	10.6	8.2	12.2

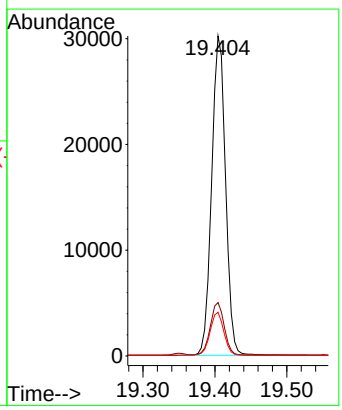


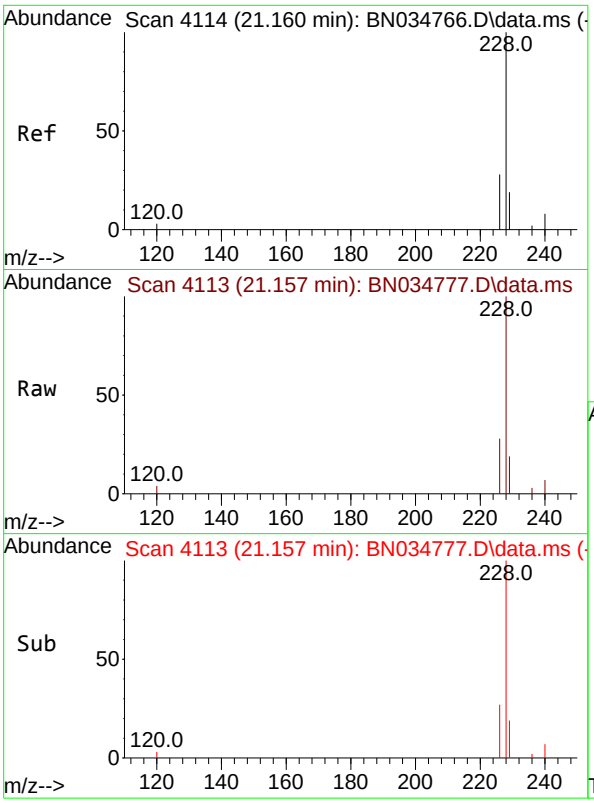


#20
Pyrene
Concen: 0.465 ng/ul
RT: 19.404 min Scan# 3653
Delta R.T. -0.005 min
Lab File: BN034777.D
Acq: 31 Oct 2024 21:54

Tgt Ion:202 Resp: 40401

Ion	Ratio	Lower	Upper
202	100		
101	16.7	12.4	18.6
100	13.7	10.0	15.0



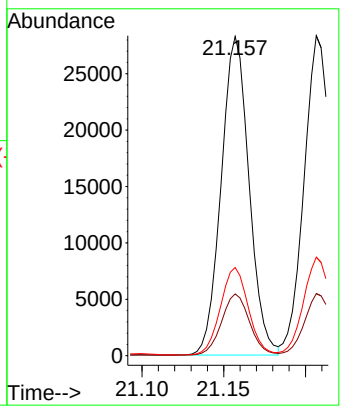


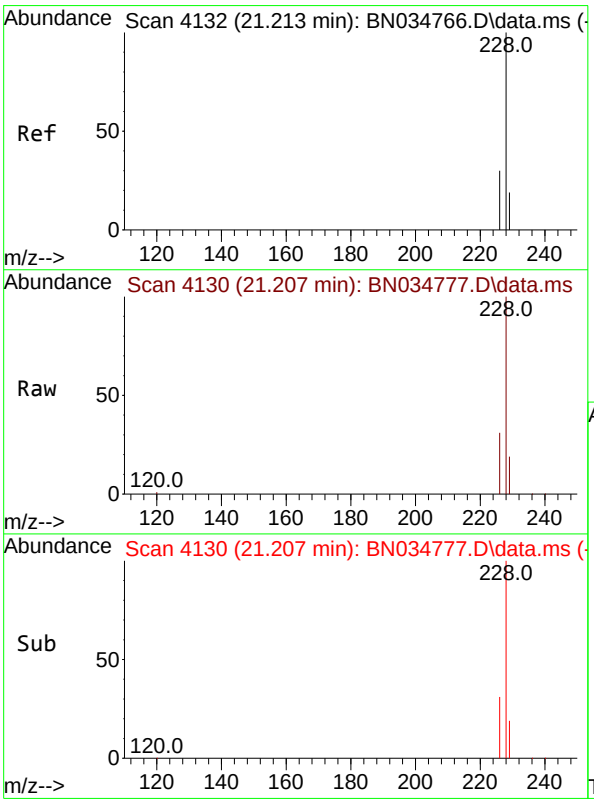
#21
Benzo(a)anthracene
Concen: 0.487 ng/ul
RT: 21.157 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN034777.D
Acq: 31 Oct 2024 21:54

Instrument :
BNA_N
ClientSampleId :
SLCS351

Tgt Ion:228 Resp: 33526

Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.5	23.3
226	27.6	22.1	33.1

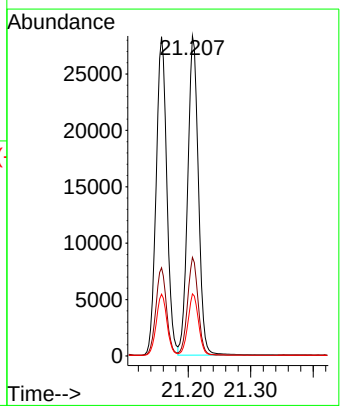


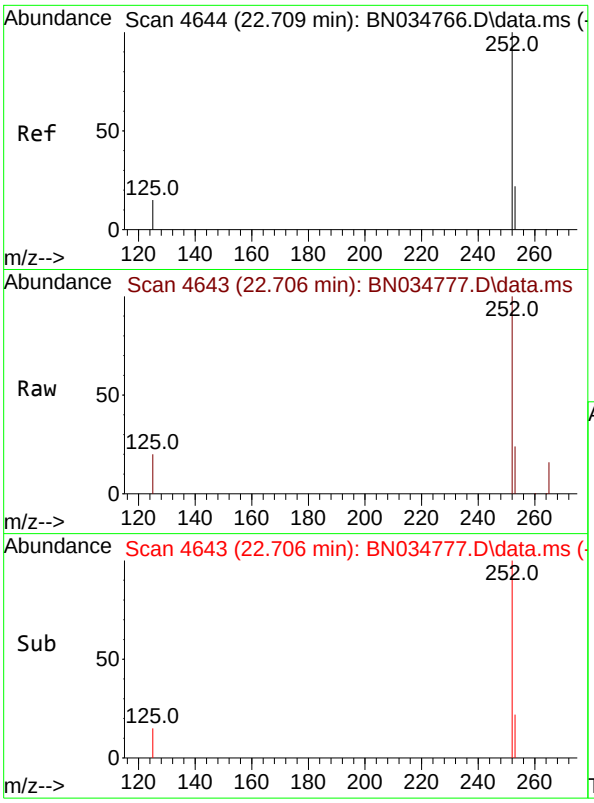


#22
Chrysene
Concen: 0.487 ng/ul
RT: 21.207 min Scan# 4130
Delta R.T. -0.006 min
Lab File: BN034777.D
Acq: 31 Oct 2024 21:54

Tgt Ion:228 Resp: 33591

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.3	36.5
229	19.4	15.6	23.4



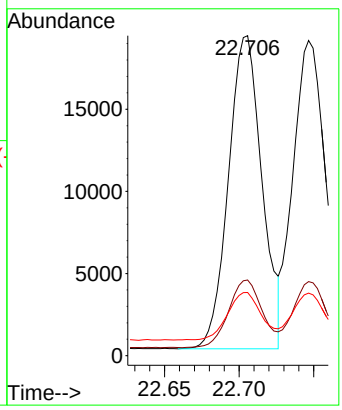


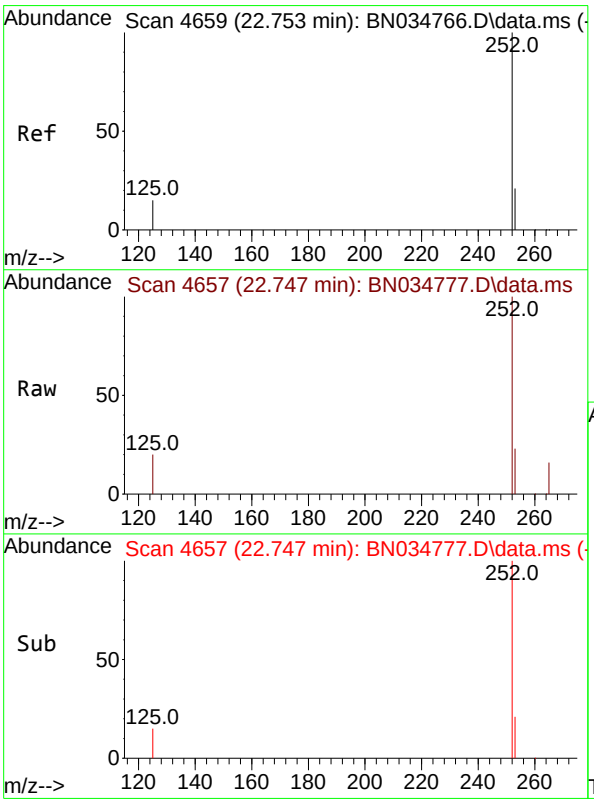
#24
Benzo(b)fluoranthene
Concen: 0.511 ng/ul
RT: 22.706 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN034777.D
Acq: 31 Oct 2024 21:54

Instrument :
BNA_N
ClientSampleId :
SLCS351

Tgt Ion:252 Resp: 29835

Ion	Ratio	Lower	Upper
252	100		
253	23.6	0.0	47.6
125	19.8	0.0	41.4

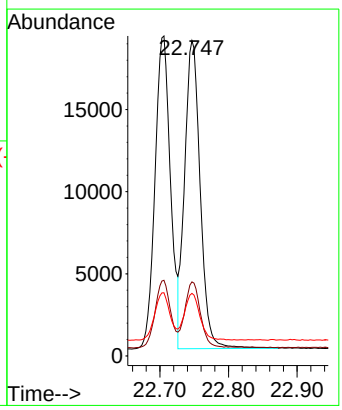


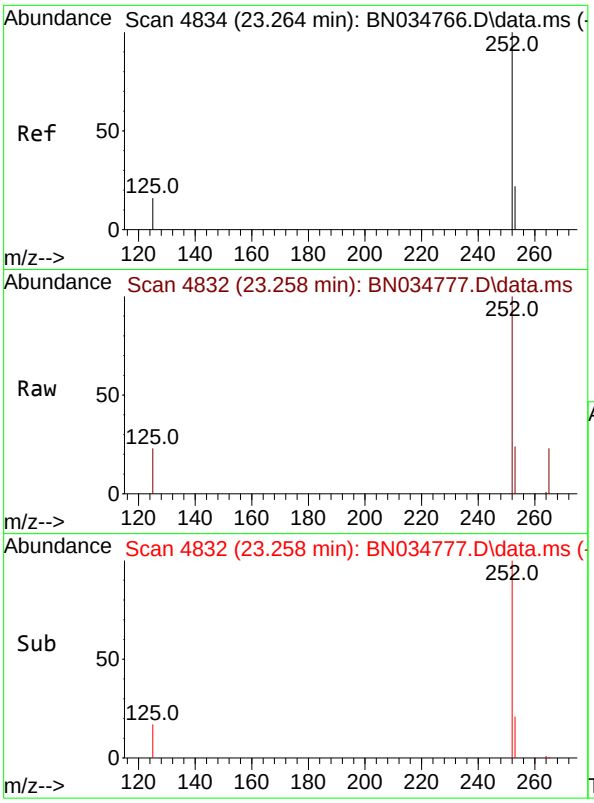


#25
Benzo(k)fluoranthene
Concen: 0.501 ng/ul
RT: 22.747 min Scan# 4657
Delta R.T. -0.003 min
Lab File: BN034777.D
Acq: 31 Oct 2024 21:54

Tgt Ion:252 Resp: 29550

Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.1	28.7
125	19.9	17.0	25.4



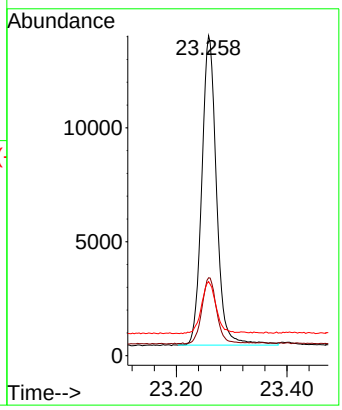


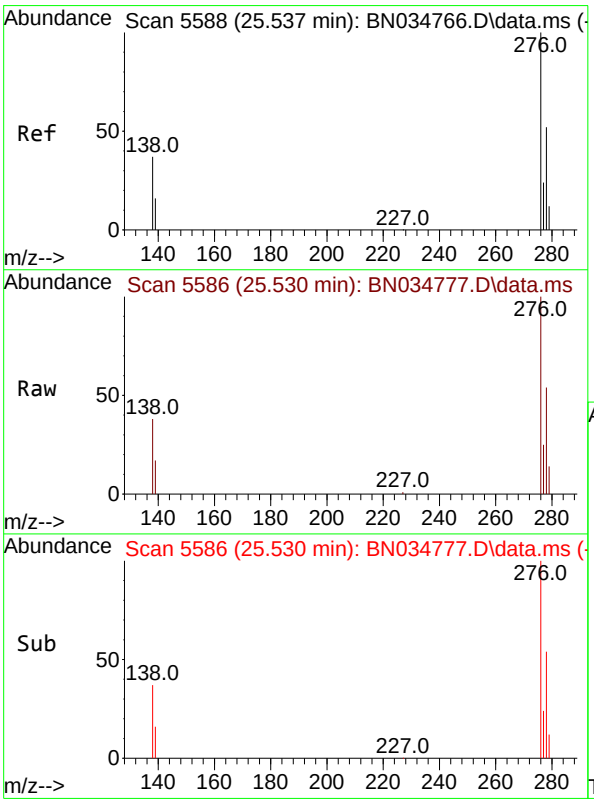
#26
Benzo(a)pyrene
Concen: 0.498 ng/ul
RT: 23.258 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN034777.D
Acq: 31 Oct 2024 21:54

Instrument :
BNA_N
ClientSampleId :
SLCS351

Tgt Ion:252 Resp: 25072

Ion	Ratio	Lower	Upper
252	100		
253	24.4	20.0	30.0
125	23.2	19.8	29.6

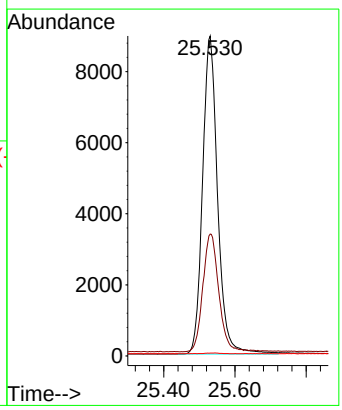


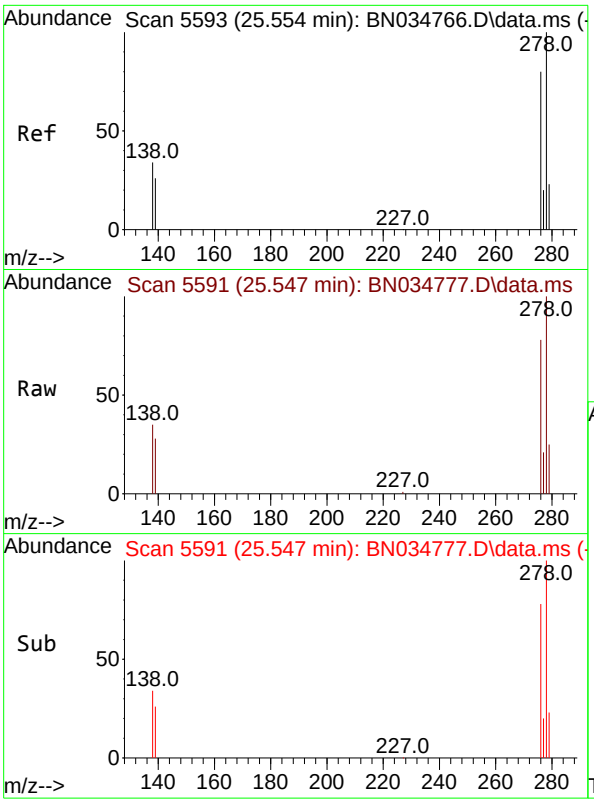


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.490 ng/ul
RT: 25.530 min Scan# 5586
Delta R.T. -0.007 min
Lab File: BN034777.D
Acq: 31 Oct 2024 21:54

Tgt Ion:276 Resp: 26223

Ion	Ratio	Lower	Upper
276	100		
138	39.3	31.8	47.6
227	0.2	0.2	0.4



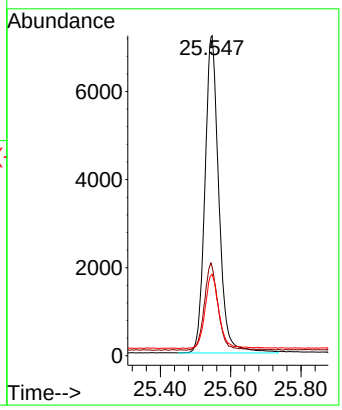


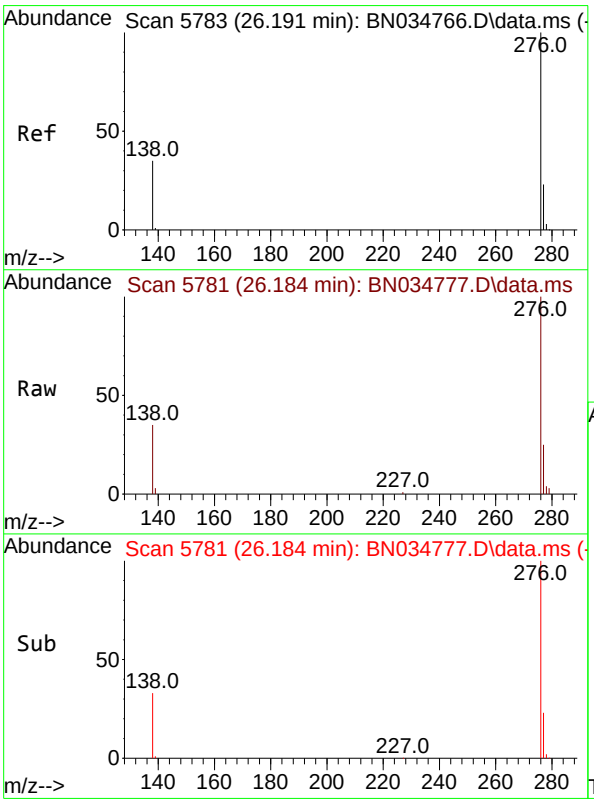
#28
Dibenzo(a,h)anthracene
Concen: 0.490 ng/ul
RT: 25.547 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN034777.D
Acq: 31 Oct 2024 21:54

Instrument :
BNA_N
ClientSampleId :
SLCS351

Tgt Ion:278 Resp: 19836

Ion	Ratio	Lower	Upper
278	100		
139	27.7	23.4	35.2
279	25.5	20.6	31.0





#29
Benzo(g,h,i)perylene
Concen: 0.492 ng/ul
RT: 26.184 min Scan# 5781
Delta R.T. -0.010 min
Lab File: BN034777.D
Acq: 31 Oct 2024 21:54

Tgt Ion:276 Resp: 20694

Ion	Ratio	Lower	Upper
276	100		
138	35.0	28.8	43.2
277	24.7	20.2	30.2