Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103124\
Data File : BN034778.D
Acq On : 31 Oct 2024 22:30
Operator : RC/JU
Sample : PB164418BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS418

Quant Time: Nov 03 23:23:25 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	6794	0.400	ng/ul	0.00
4) Naphthalene-d8	10.366	136	20539	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.236	164	11438	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.979	188	23438	0.400	ng/ul	0.00
17) Chrysene-d12	21.172	240	15872	0.400	ng/ul	0.00
23) Perylene-d12	23.355	264	13170	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.170	96	5428	0.772	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.961	152	11326	0.440	ng/ul	0.00
18) Fluoranthene-d10	19.014	212	22184	0.429	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.203	88	14067	1.822	ng/ul#	85
5) Naphthalene	10.416	128	21954	0.404	ng/ul	100
7) 2-Methylnaphthalene	12.038	142	14346	0.406	ng/ul	99
8) 1-Methylnaphthalene	12.258	142	14613	0.406	ng/ul	100
10) Acenaphthylene	13.949	152	20636	0.396	ng/ul	100
11) Acenaphthene	14.296	153	16082	0.404	ng/ul	99
12) Fluorene	15.290	166	17885	0.403	ng/ul	98
14) Pentachlorophenol	16.633	266	3297	0.713	ng/ul	99
15) Phenanthrene	17.021	178	29359	0.414	ng/ul	100
16) Anthracene	17.110	178	26452	0.403	ng/ul	100
19) Fluoranthene	19.042	202	31493	0.409	ng/ul	99
20) Pyrene	19.404	202	32733	0.408	ng/ul	98
21) Benzo(a)anthracene	21.157	228	26563	0.418	ng/ul	100
22) Chrysene	21.207	228	27556	0.433	ng/ul	99
24) Benzo(b)fluoranthene	22.703	252	24016	0.448	ng/ul	99
25) Benzo(k)fluoranthene	22.747	252	23895	0.442	ng/ul	99
26) Benzo(a)pyrene	23.258	252	19981	0.433	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	25.530	276	20256	0.412	ng/ul	99
28) Dibenzo(a,h)anthracene	25.550	278	15638	0.421	ng/ul	98
29) Benzo(g,h,i)perylene	26.188	276	15884	0.411	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\
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Misc :
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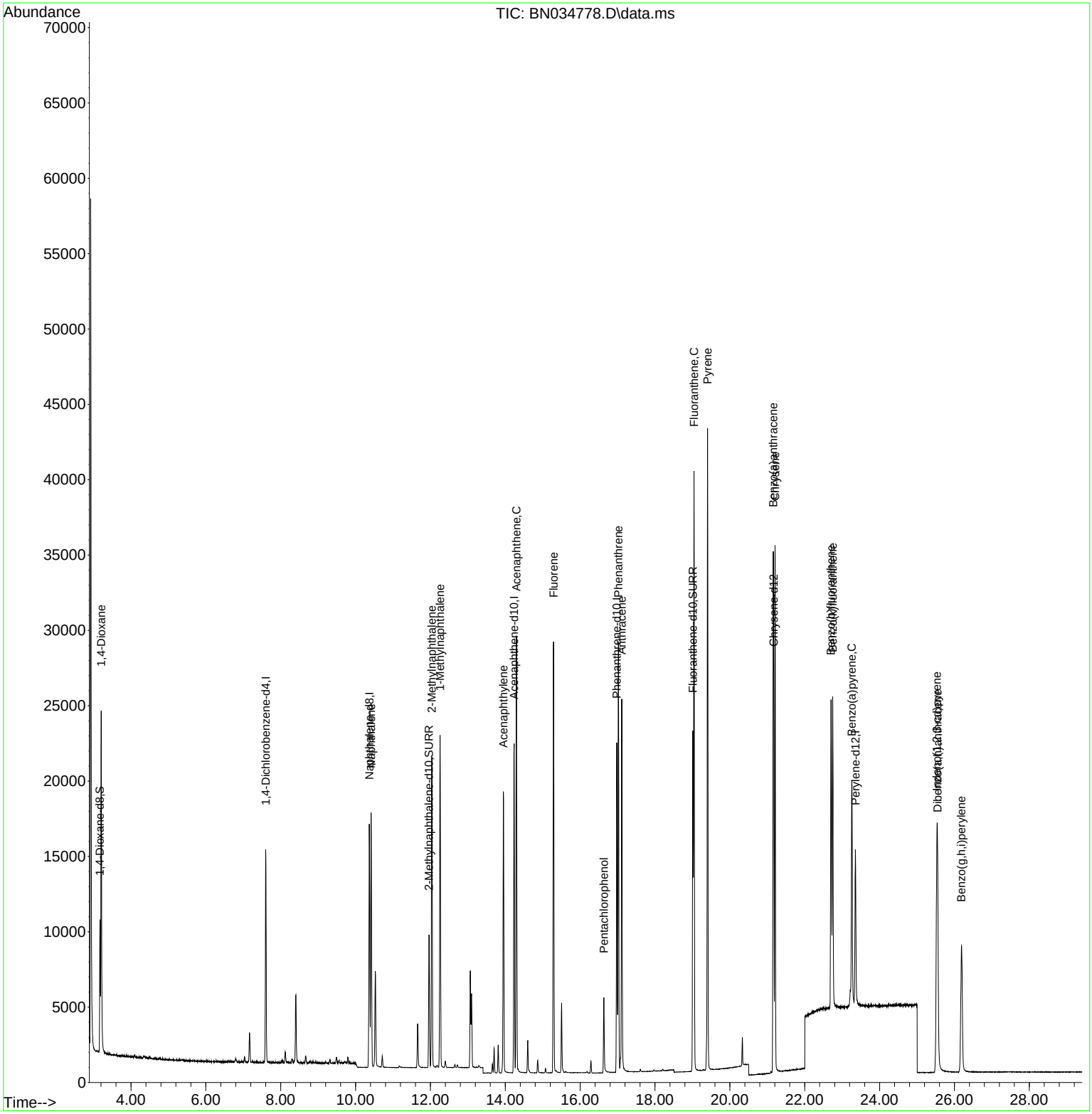
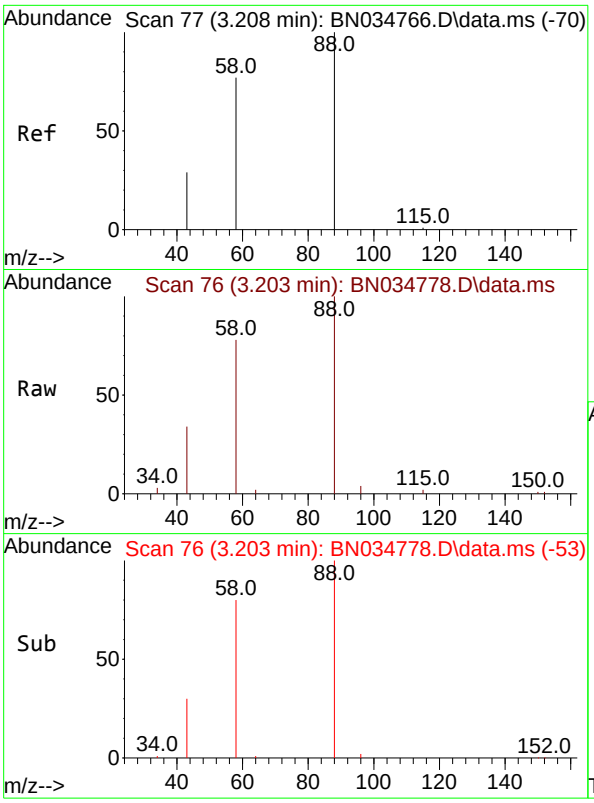
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 11:13:08 2024
Response via : Initial Calibration



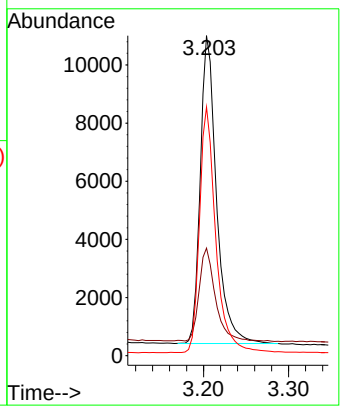


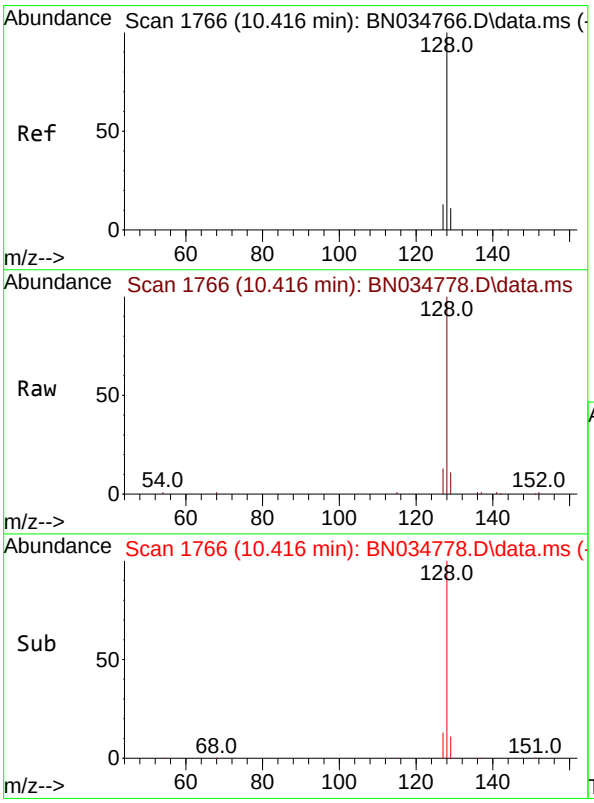
#2
1,4-Dioxane
Concen: 1.822 ng/ul
RT: 3.203 min Scan# 7
Delta R.T. -0.004 min
Lab File: BN034778.D
Acq: 31 Oct 2024 22:30

Instrument :
BNA_N
ClientSampleId :
SLCS418

Tgt Ion: 88 Resp: 14067

Ion	Ratio	Lower	Upper
88	100		
43	33.6	41.9	62.9#
58	77.7	57.5	86.3

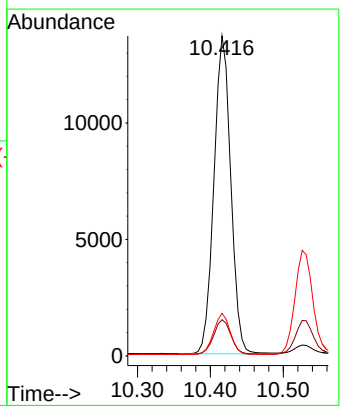


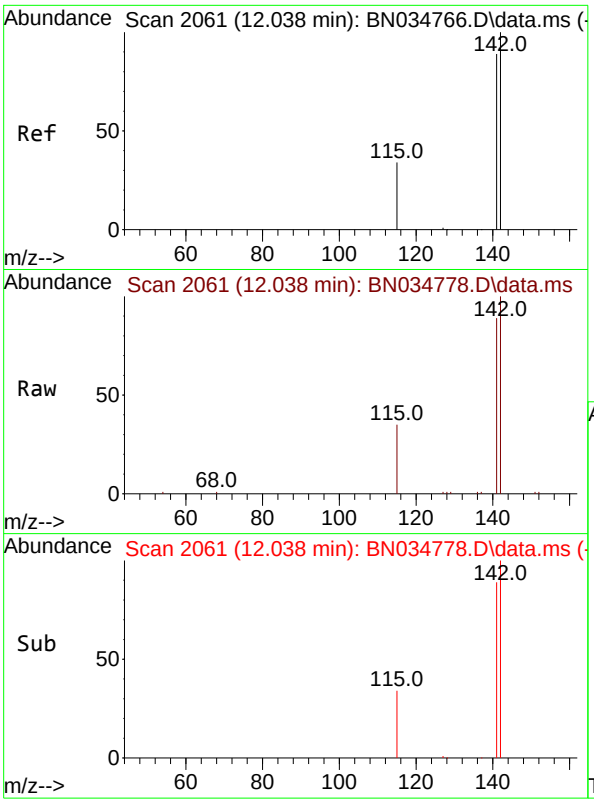


#5
Naphthalene
Concen: 0.404 ng/ul
RT: 10.416 min Scan# 1766
Delta R.T. -0.006 min
Lab File: BN034778.D
Acq: 31 Oct 2024 22:30

Tgt Ion:128 Resp: 21954

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	13.3	10.5	15.7



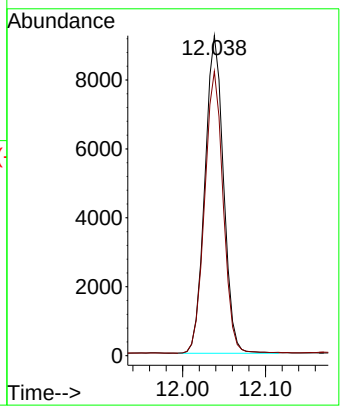


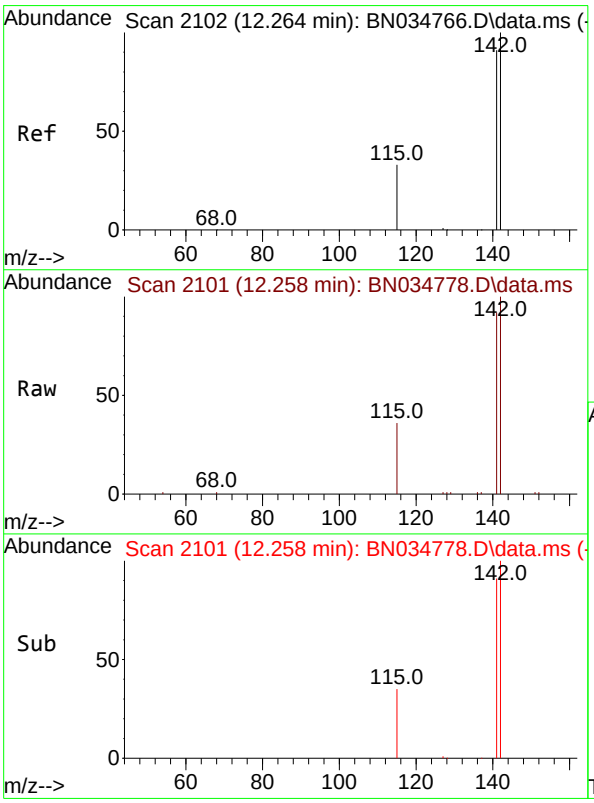
#7
2-Methylnaphthalene
Concen: 0.406 ng/ul
RT: 12.038 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN034778.D
Acq: 31 Oct 2024 22:30

Instrument :
BNA_N
ClientSampleId :
SLCS418

Tgt Ion:142 Resp: 14346

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.1	106.7

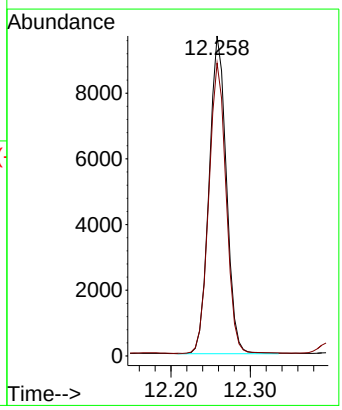


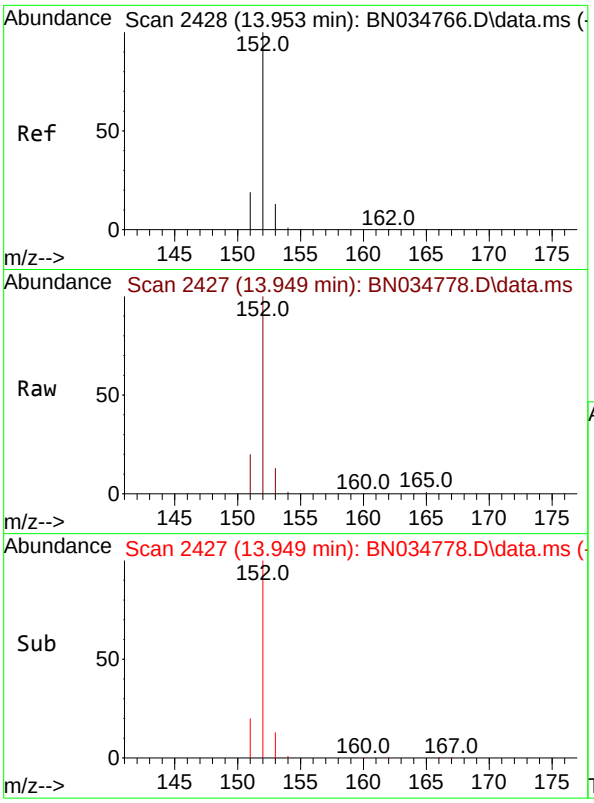


#8
1-Methylnaphthalene
Concen: 0.406 ng/ul
RT: 12.258 min Scan# 2101
Delta R.T. -0.006 min
Lab File: BN034778.D
Acq: 31 Oct 2024 22:30

Tgt Ion:142 Resp: 14613

Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.6	110.4



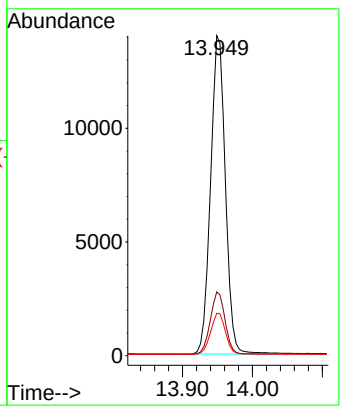


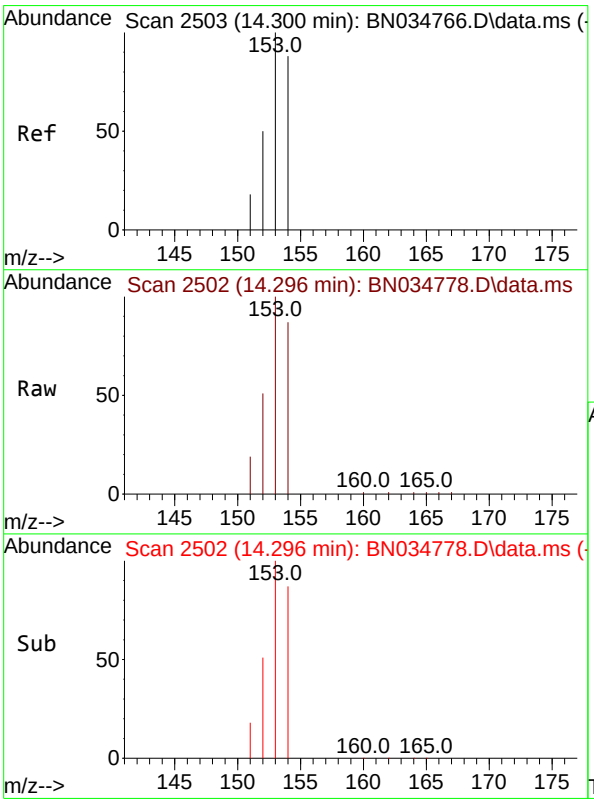
#10
Acenaphthylene
Concen: 0.396 ng/ul
RT: 13.949 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN034778.D
Acq: 31 Oct 2024 22:30

Instrument :
BNA_N
ClientSampleId :
SLCS418

Tgt Ion:152 Resp: 20636

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.0	24.0
153	13.3	10.7	16.1

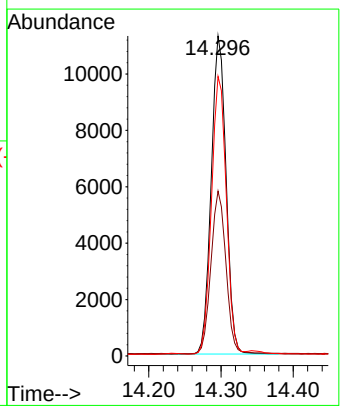


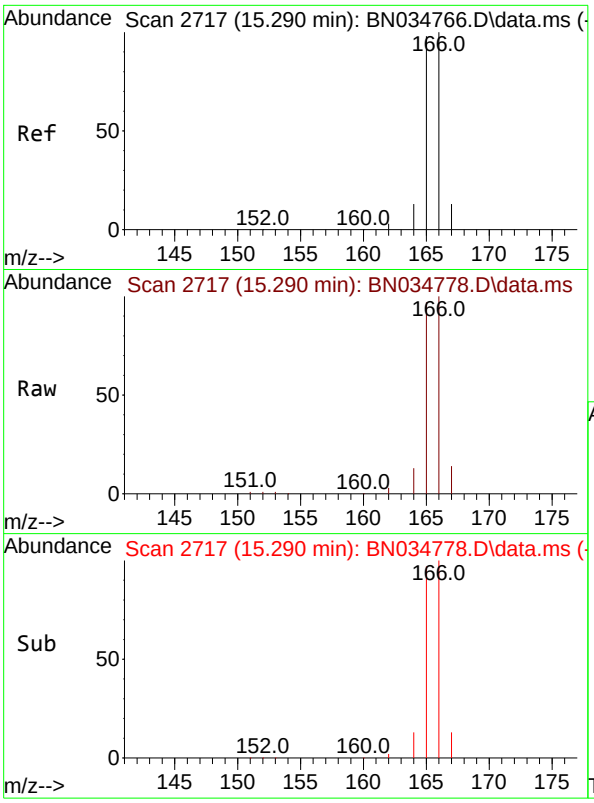


#11
Acenaphthene
Concen: 0.404 ng/ul
RT: 14.296 min Scan# 2502
Delta R.T. -0.005 min
Lab File: BN034778.D
Acq: 31 Oct 2024 22:30

Tgt Ion:153 Resp: 16082

Ion	Ratio	Lower	Upper
153	100		
152	51.5	40.3	60.5
154	87.4	69.9	104.9



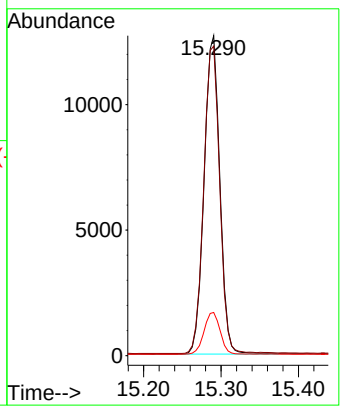


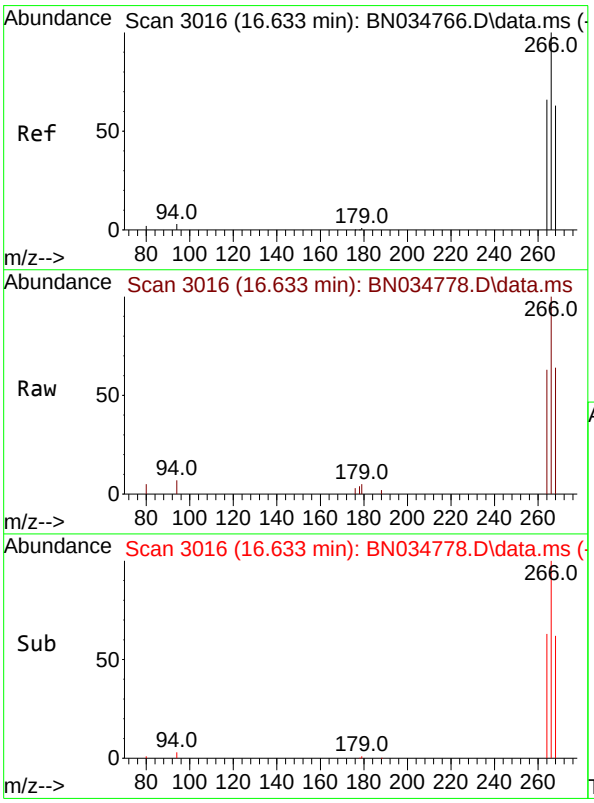
#12
Fluorene
Concen: 0.403 ng/ul
RT: 15.290 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN034778.D
Acq: 31 Oct 2024 22:30

Instrument :
BNA_N
ClientSampleId :
SLCS418

Tgt Ion:166 Resp: 17885

Ion	Ratio	Lower	Upper
166	100		
165	96.8	79.1	118.7
167	13.5	11.0	16.4

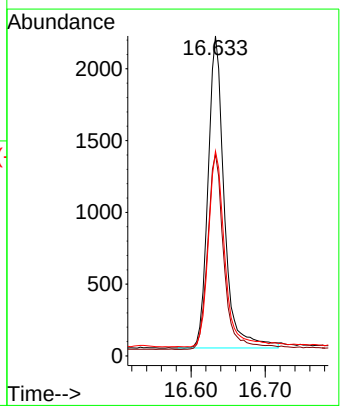


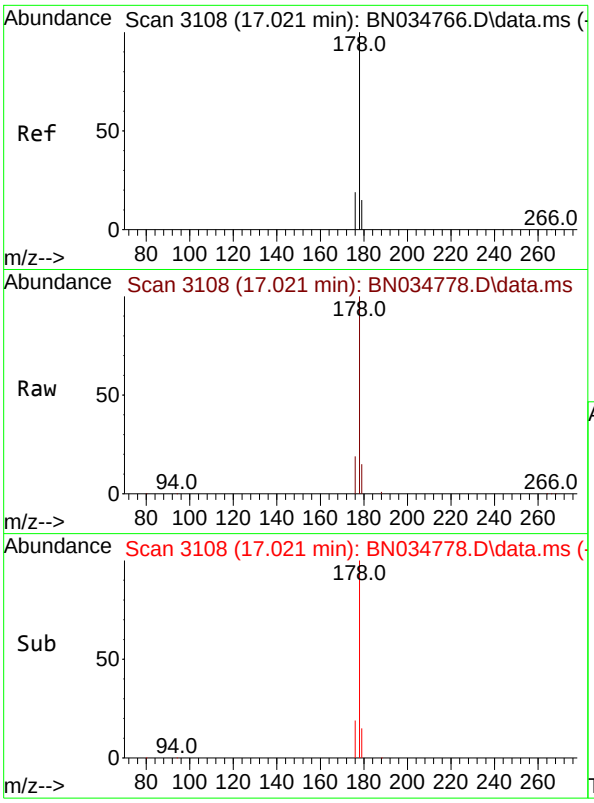


#14
Pentachlorophenol
Concen: 0.713 ng/ul
RT: 16.633 min Scan# 3016
Delta R.T. -0.004 min
Lab File: BN034778.D
Acq: 31 Oct 2024 22:30

Tgt Ion:266 Resp: 3297

Ion	Ratio	Lower	Upper
266	100		
264	63.0	50.1	75.1
268	63.9	52.0	78.0



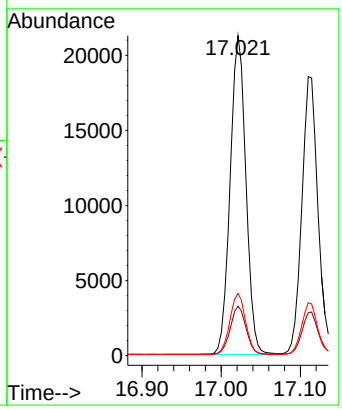


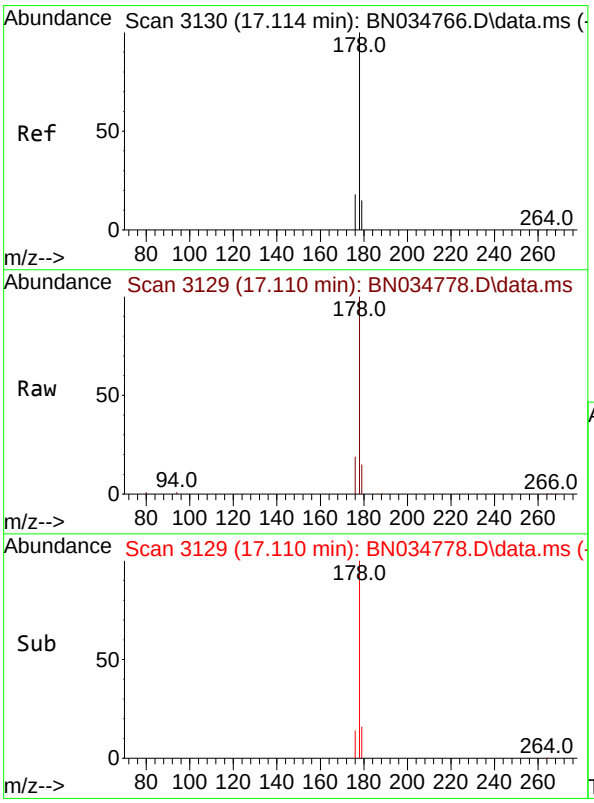
#15
Phenanthrene
Concen: 0.414 ng/ul
RT: 17.021 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN034778.D
Acq: 31 Oct 2024 22:30

Instrument :
BNA_N
ClientSampleId :
SLCS418

Tgt Ion:178 Resp: 29359

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	19.4	15.4	23.0

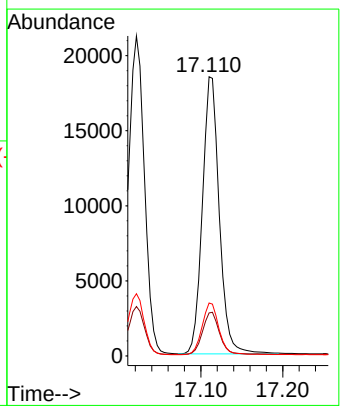


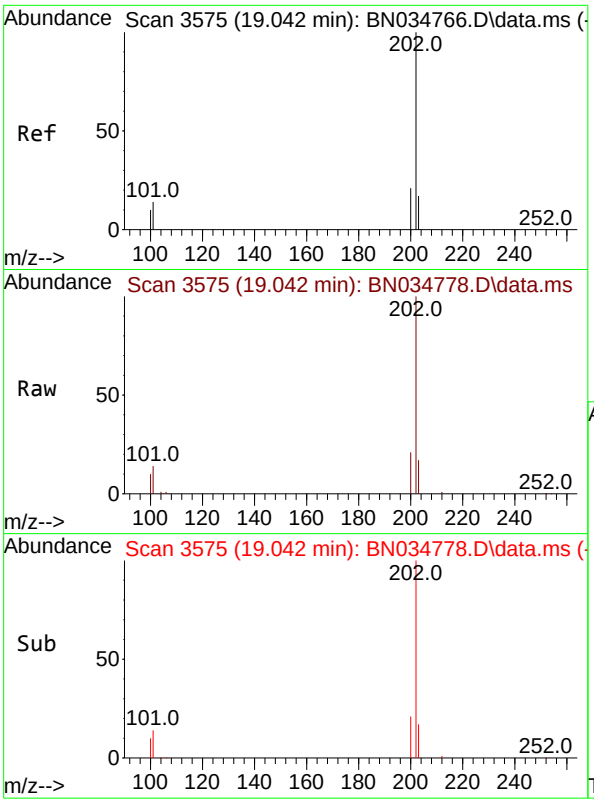


#16
Anthracene
Concen: 0.403 ng/ul
RT: 17.110 min Scan# 3129
Delta R.T. -0.004 min
Lab File: BN034778.D
Acq: 31 Oct 2024 22:30

Tgt Ion:178 Resp: 26452

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	19.0	15.1	22.7



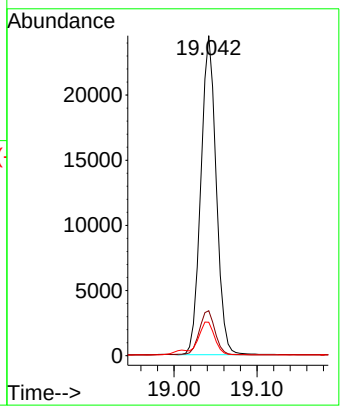


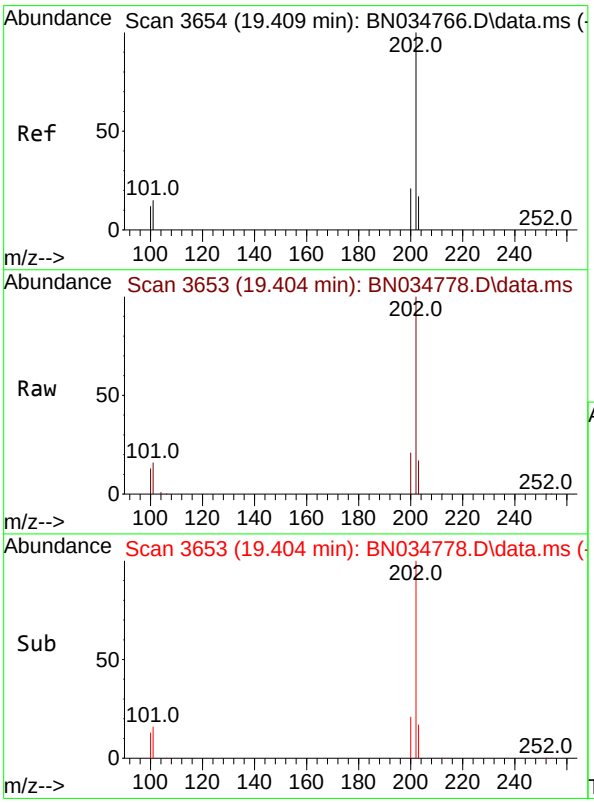
#19
Fluoranthene
Concen: 0.409 ng/ul
RT: 19.042 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN034778.D
Acq: 31 Oct 2024 22:30

Instrument :
BNA_N
ClientSampleId :
SLCS418

Tgt Ion:202 Resp: 31493

Ion	Ratio	Lower	Upper
202	100		
101	14.0	10.8	16.2
100	10.4	8.2	12.2

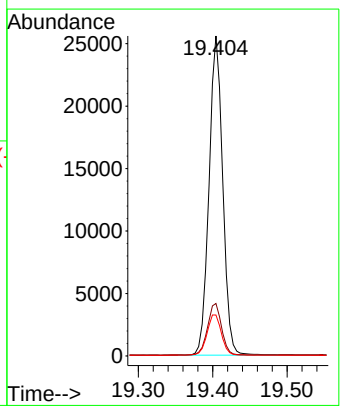


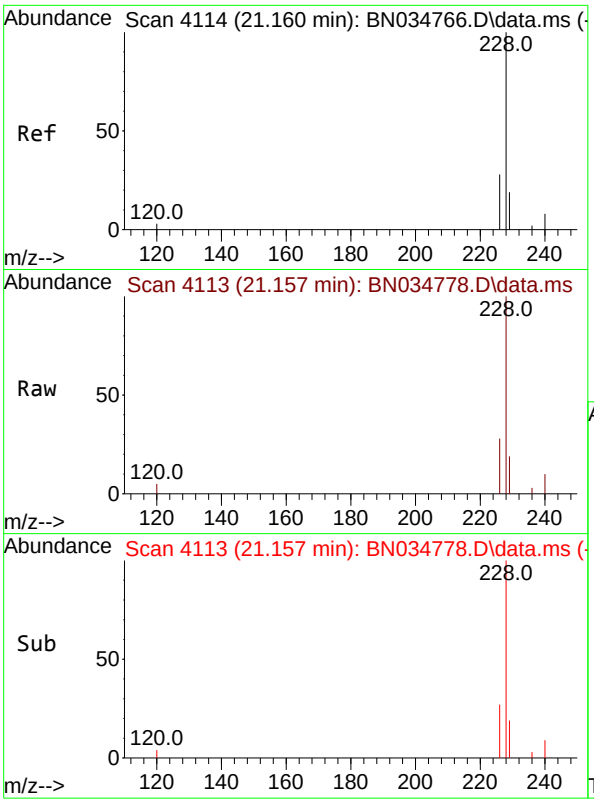


#20
Pyrene
Concen: 0.408 ng/ul
RT: 19.404 min Scan# 3653
Delta R.T. -0.005 min
Lab File: BN034778.D
Acq: 31 Oct 2024 22:30

Tgt Ion:202 Resp: 32733

Ion	Ratio	Lower	Upper
202	100		
101	16.4	12.4	18.6
100	12.8	10.0	15.0





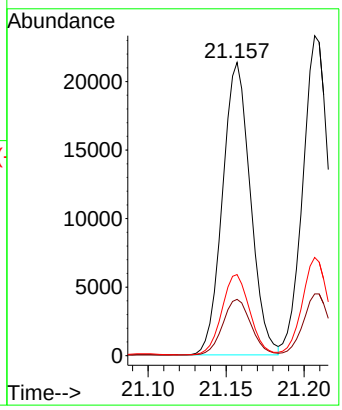
#21
Benzo(a)anthracene
Concen: 0.418 ng/ul
RT: 21.157 min Scan# 4

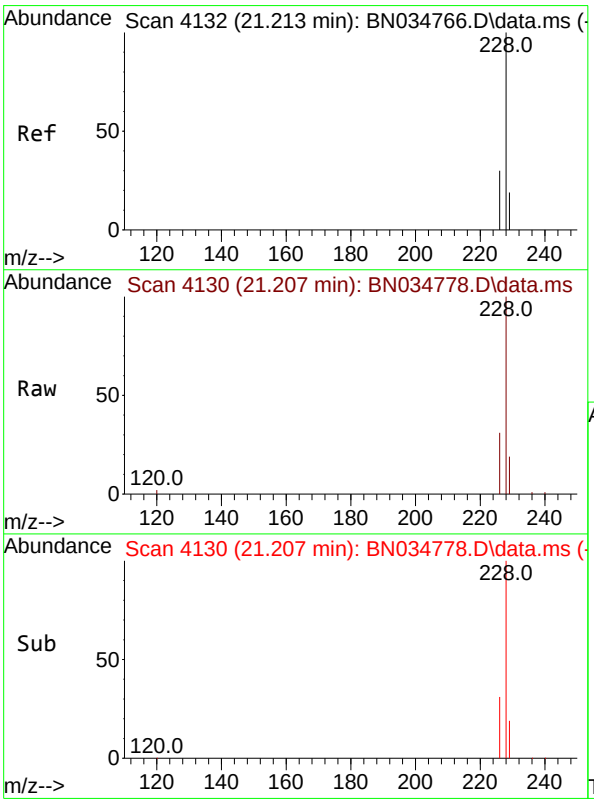
Instrument :
BNA_N
ClientSampleId :
SLCS418

Delta R.T. -0.003 min
Lab File: BN034778.D
Acq: 31 Oct 2024 22:30

Tgt Ion:228 Resp: 26563

Ion	Ratio	Lower	Upper
228	100		
229	19.2	15.5	23.3
226	27.6	22.1	33.1

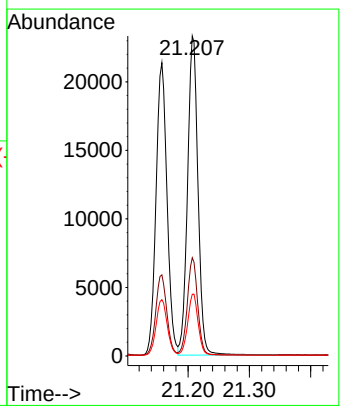


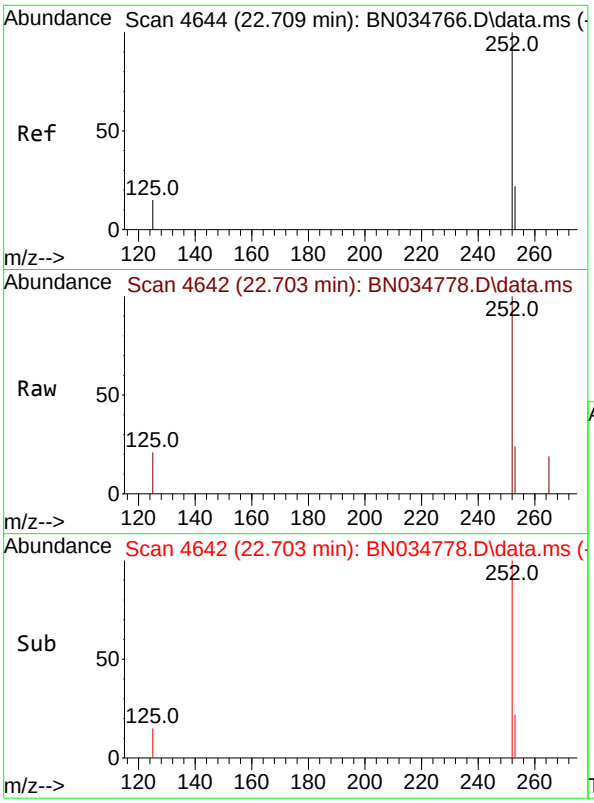


#22
Chrysene
Concen: 0.433 ng/ul
RT: 21.207 min Scan# 4130
Delta R.T. -0.006 min
Lab File: BN034778.D
Acq: 31 Oct 2024 22:30

Tgt Ion:228 Resp: 27556

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.3	36.5
229	19.3	15.6	23.4



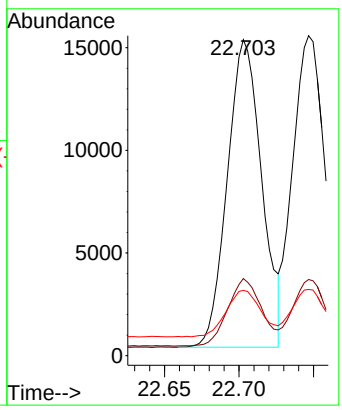


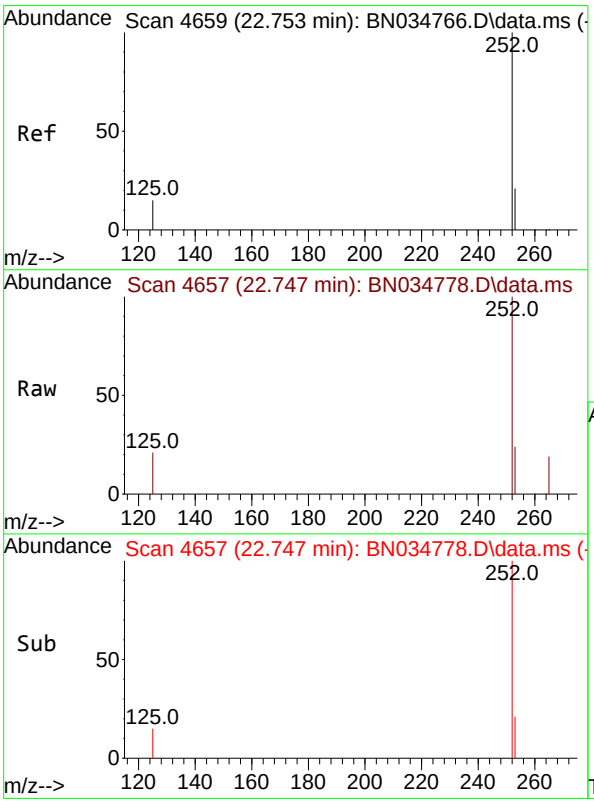
#24
Benzo(b)fluoranthene
Concen: 0.448 ng/ul
RT: 22.703 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN034778.D
Acq: 31 Oct 2024 22:30

Instrument :
BNA_N
ClientSampleId :
SLCS418

Tgt Ion:252 Resp: 24016

Ion	Ratio	Lower	Upper
252	100		
253	24.4	0.0	47.6
125	20.6	0.0	41.4

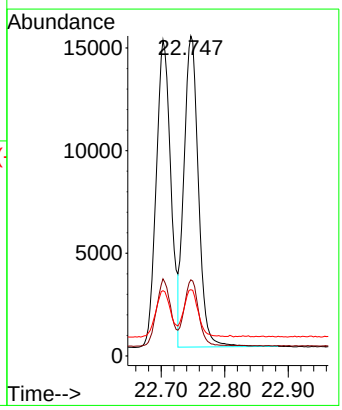


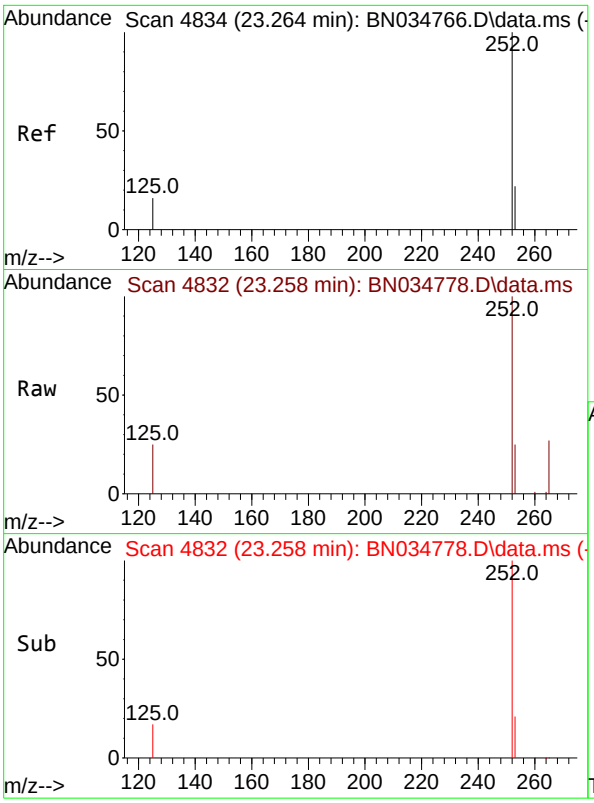


#25
Benzo(k)fluoranthene
Concen: 0.442 ng/ul
RT: 22.747 min Scan# 4657
Delta R.T. -0.003 min
Lab File: BN034778.D
Acq: 31 Oct 2024 22:30

Tgt Ion:252 Resp: 23895

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.1	28.7
125	20.7	17.0	25.4



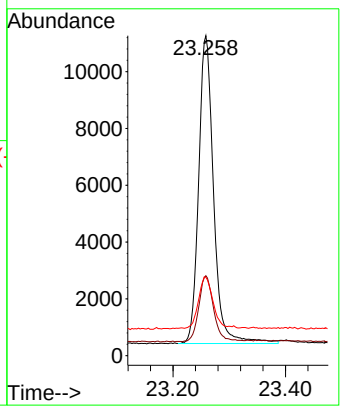


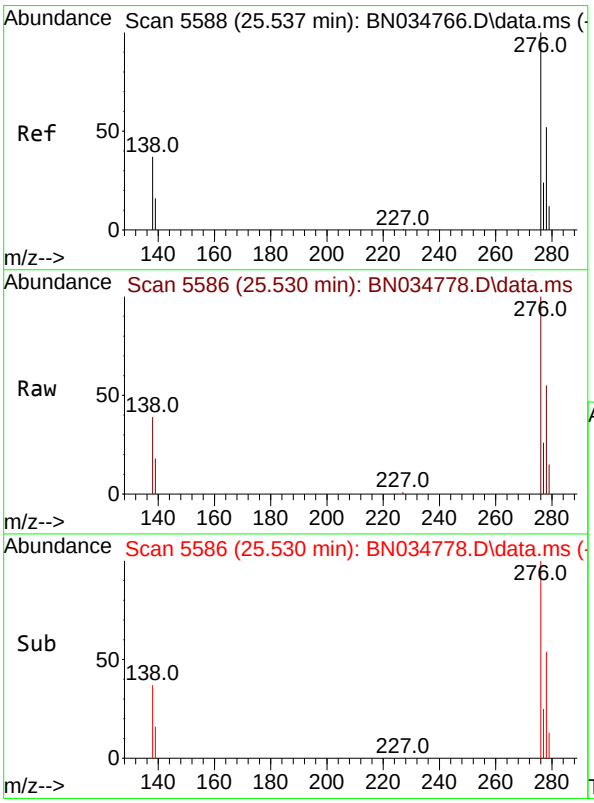
#26
Benzo(a)pyrene
Concen: 0.433 ng/ul
RT: 23.258 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN034778.D
Acq: 31 Oct 2024 22:30

Instrument :
BNA_N
ClientSampleId :
SLCS418

Tgt Ion:252 Resp: 19981

Ion	Ratio	Lower	Upper
252	100		
253	25.0	20.0	30.0
125	24.5	19.8	29.6

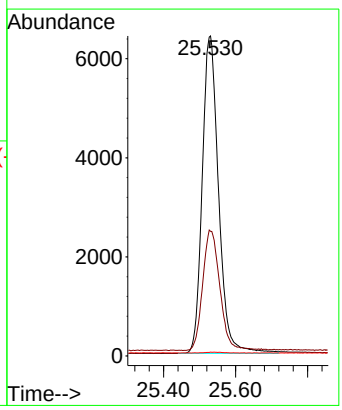


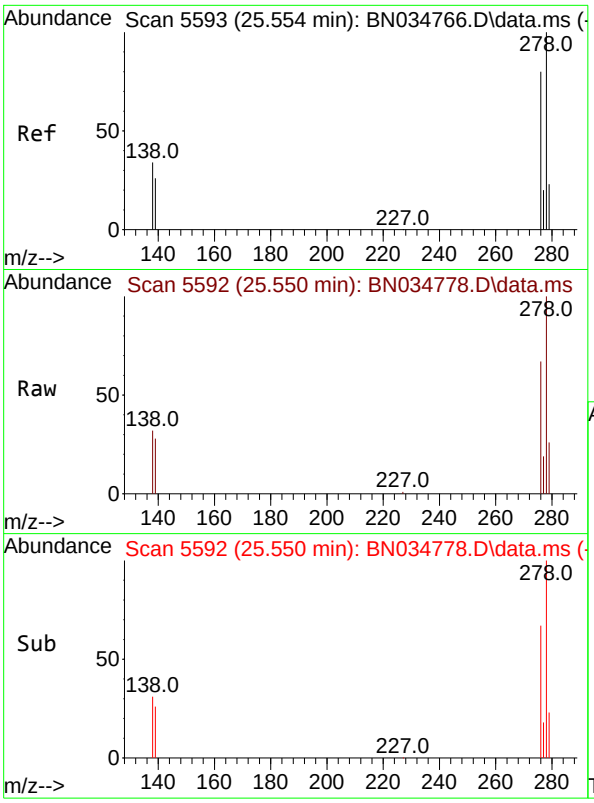


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.412 ng/ul
RT: 25.530 min Scan# 5586
Delta R.T. -0.007 min
Lab File: BN034778.D
Acq: 31 Oct 2024 22:30

Tgt Ion:276 Resp: 20256

Ion	Ratio	Lower	Upper
276	100		
138	40.1	31.8	47.6
227	0.3	0.2	0.4



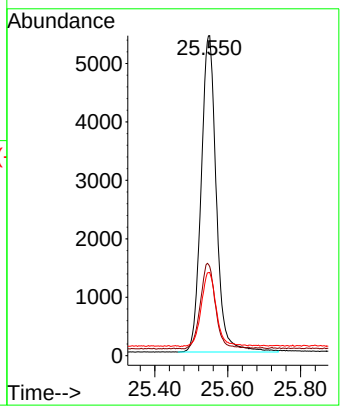


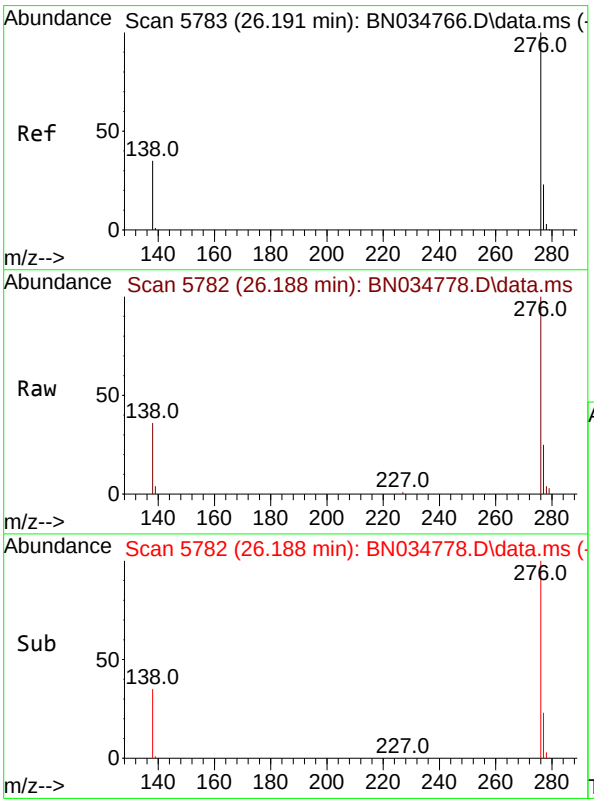
#28
Dibenzo(a,h)anthracene
Concen: 0.421 ng/ul
RT: 25.550 min Scan# 5
Delta R.T. -0.003 min
Lab File: BN034778.D
Acq: 31 Oct 2024 22:30

Instrument :
BNA_N
ClientSampleId :
SLCS418

Tgt Ion:278 Resp: 15638

Ion	Ratio	Lower	Upper
278	100		
139	27.8	23.4	35.2
279	26.0	20.6	31.0





#29
Benzo(g,h,i)perylene
Concen: 0.411 ng/ul
RT: 26.188 min Scan# 5782
Delta R.T. -0.007 min
Lab File: BN034778.D
Acq: 31 Oct 2024 22:30

Tgt Ion:276 Resp: 15884

Ion	Ratio	Lower	Upper
276	100		
138	36.4	28.8	43.2
277	24.9	20.2	30.2