Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103124\
Data File : BN034772.D
Acq On : 31 Oct 2024 18:53
Operator : RC/JU
Sample : P4435-03MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHK68MSD

Quant Time: Nov 01 05:02:53 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	7.604	152	6919	0.400	ng/ul	0.00
4) Naphthalene-d8	10.367	136	21471	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.236	164	11736	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.983	188	24021	0.400	ng/ul	0.00
17) Chrysene-d12	21.175	240	17440	0.400	ng/ul	0.00
23) Perylene-d12	23.355	264	15642	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.174	96	2615	0.365	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.967	152	6355	0.236	ng/ul	0.00
18) Fluoranthene-d10	19.014	212	15054	0.265	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.204	88	7446	0.947	ng/ul#	88
5) Naphthalene	10.416	128	12848	0.226	ng/ul	98
7) 2-Methylnaphthalene	12.038	142	8489	0.230	ng/ul	100
8) 1-Methylnaphthalene	12.258	142	10100	0.268	ng/ul	100
10) Acenaphthylene	13.954	152	14599	0.273	ng/ul	99
11) Acenaphthene	14.300	153	9994	0.245	ng/ul	98
12) Fluorene	15.291	166	11566	0.254	ng/ul	98
14) Pentachlorophenol	16.633	266	764	0.161	ng/ul	99
15) Phenanthrene	17.021	178	30862	0.425	ng/ul	99
16) Anthracene	17.114	178	17846	0.265	ng/ul	99
19) Fluoranthene	19.042	202	41406	0.489	ng/ul	97
20) Pyrene	19.404	202	43303	0.492	ng/ul	97
21) Benzo(a)anthracene	21.157	228	26350	0.378	ng/ul	98
22) Chrysene	21.210	228	27806	0.398	ng/ul	99
24) Benzo(b)fluoranthene	22.706	252	26095	0.410	ng/ul	98
25) Benzo(k)fluoranthene	22.750	252	21073	0.328	ng/ul	98
26) Benzo(a)pyrene	23.258	252	20802	0.380	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.530	276	19222	0.329	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.547	278	13092	0.297	ng/ul	99
29) Benzo(g,h,i)perylene	26.188	276	15864	0.346	ng/ul	100

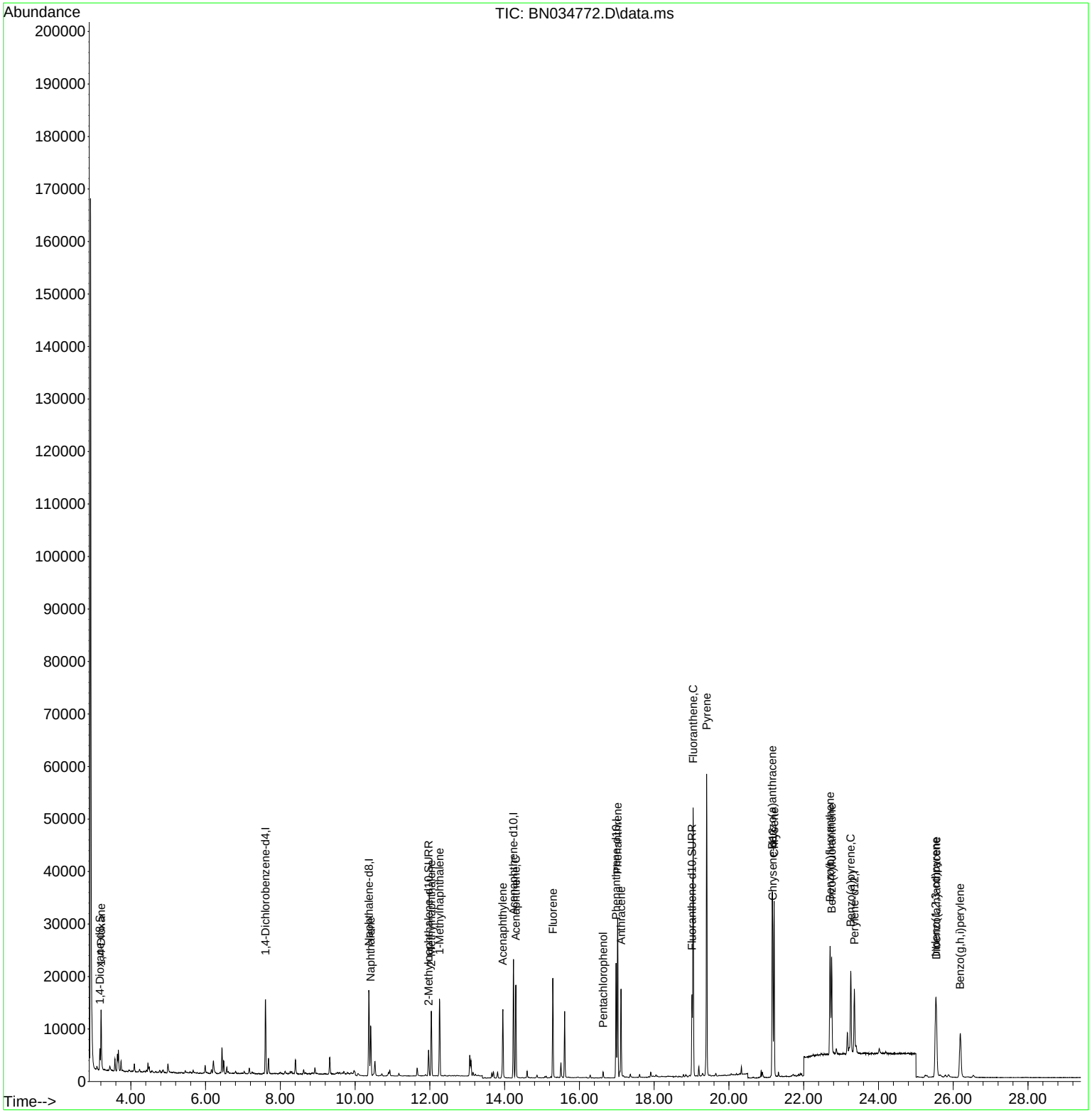
(#) = qualifier out of range (m) = manual integration (+) = signals summed

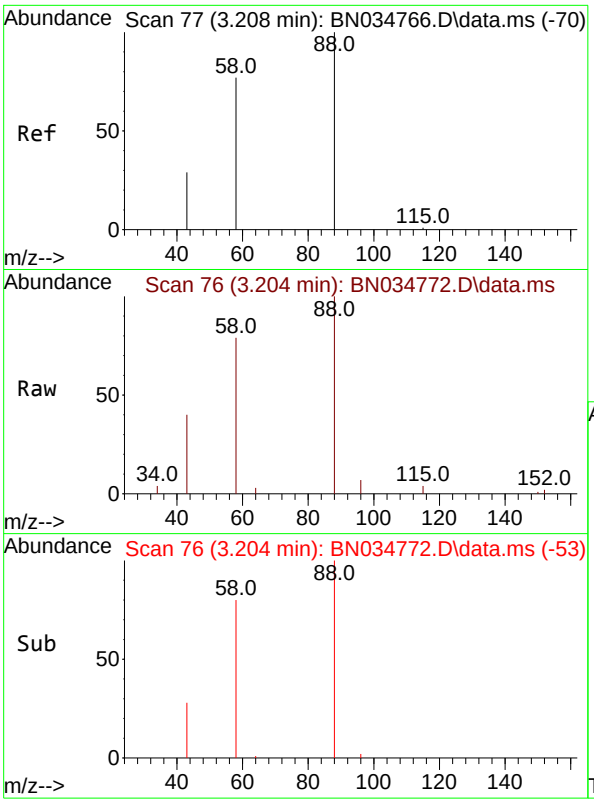
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103124\
Data File : BN034772.D
Acq On : 31 Oct 2024 18:53
Operator : RC/JU
Sample : P4435-03MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHK68MSD

Quant Time: Nov 01 05:02:53 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



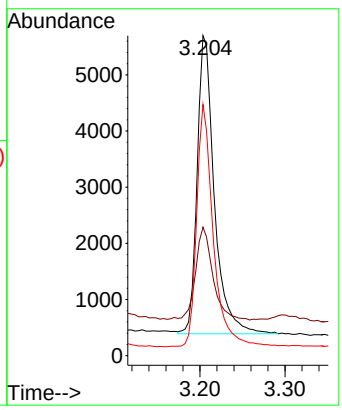


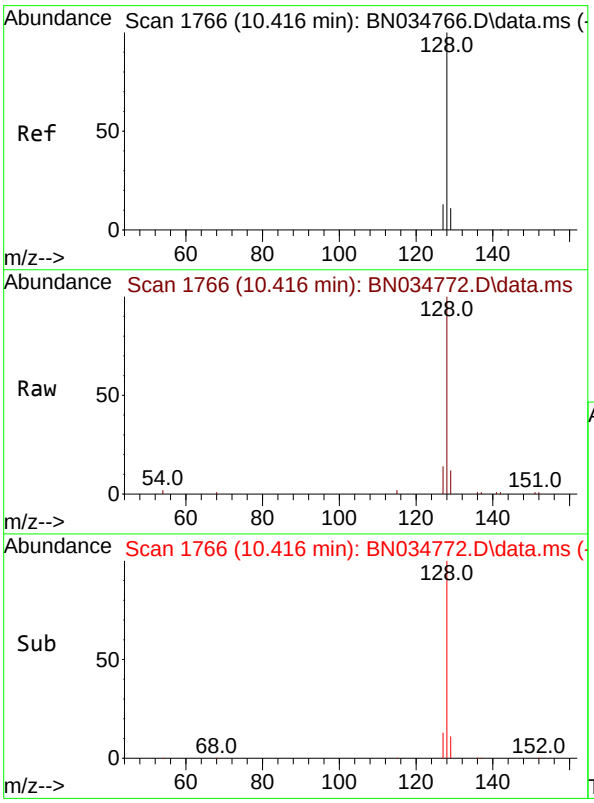
#2
1,4-Dioxane
Concen: 0.947 ng/ul
RT: 3.204 min Scan# 7
Delta R.T. -0.004 min
Lab File: BN034772.D
Acq: 31 Oct 2024 18:53

Instrument :
BNA_N
ClientSampleId :
BHK68MSD

Tgt Ion: 88 Resp: 7446

Ion	Ratio	Lower	Upper
88	100		
43	40.2	41.9	62.9#
58	78.5	57.5	86.3

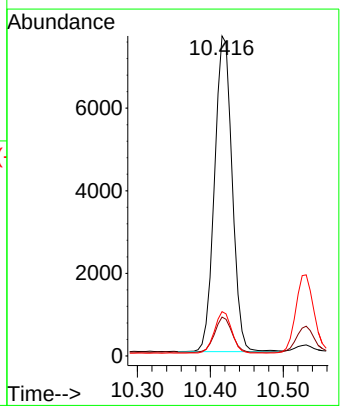


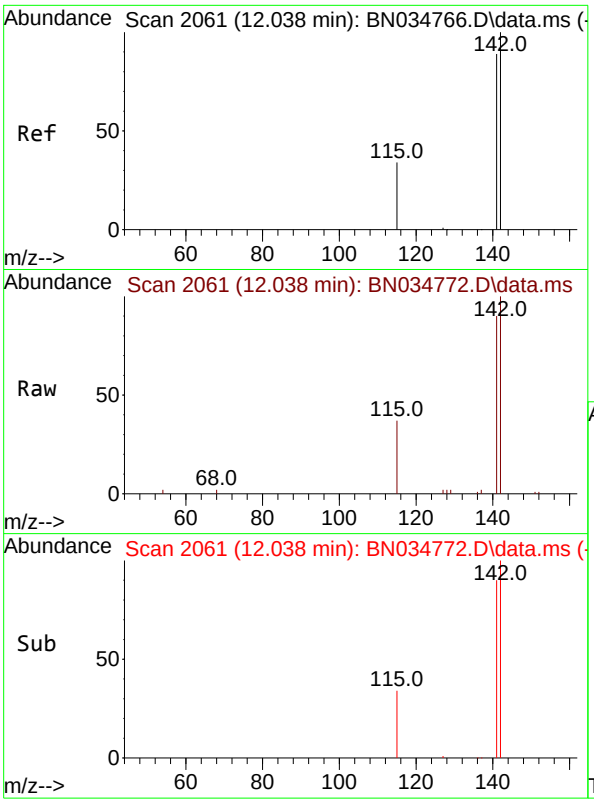


#5
Naphthalene
Concen: 0.226 ng/ul
RT: 10.416 min Scan# 1766
Delta R.T. -0.005 min
Lab File: BN034772.D
Acq: 31 Oct 2024 18:53

Tgt Ion:128 Resp: 12848

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.1	13.7
127	13.8	10.5	15.7



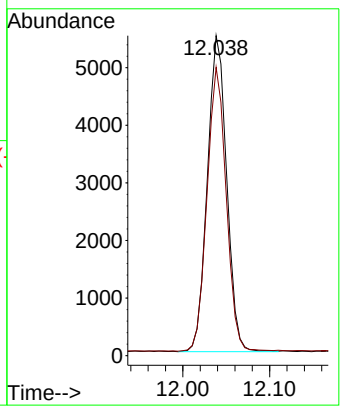


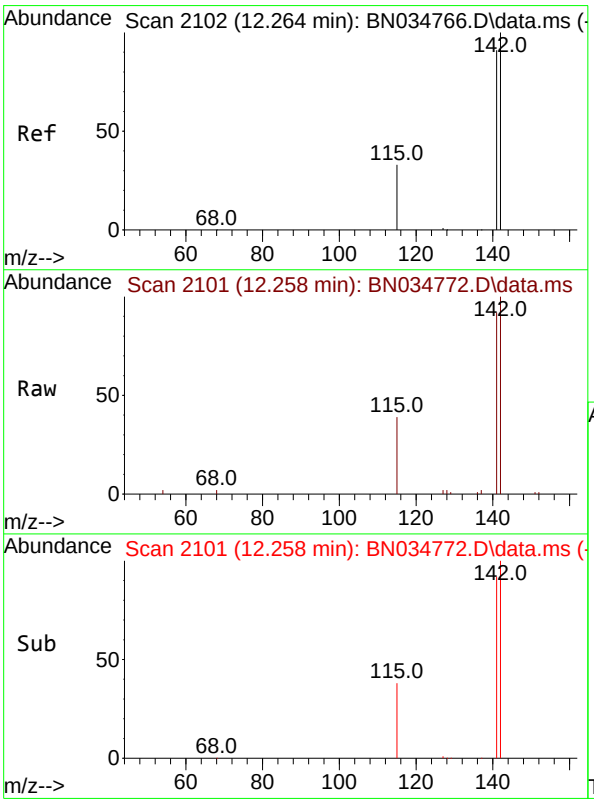
#7
2-Methylnaphthalene
Concen: 0.230 ng/ul
RT: 12.038 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN034772.D
Acq: 31 Oct 2024 18:53

Instrument :
BNA_N
ClientSampleId :
BHK68MSD

Tgt Ion:142 Resp: 8489

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.1	106.7

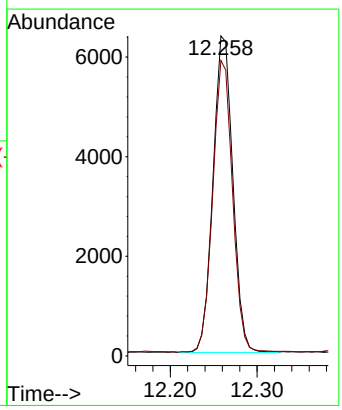


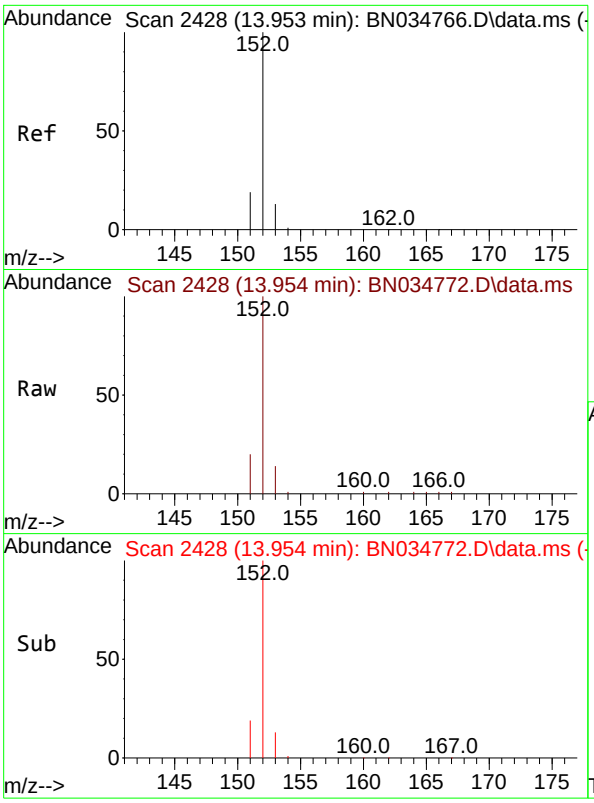


#8
1-Methylnaphthalene
Concen: 0.268 ng/ul
RT: 12.258 min Scan# 2101
Delta R.T. -0.005 min
Lab File: BN034772.D
Acq: 31 Oct 2024 18:53

Tgt Ion:142 Resp: 10100

Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.6	110.4



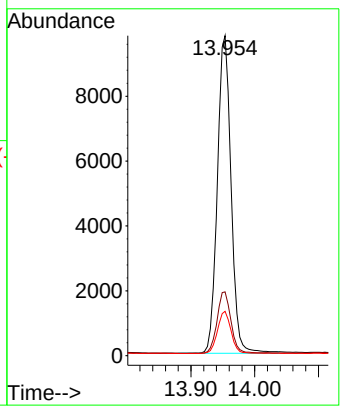


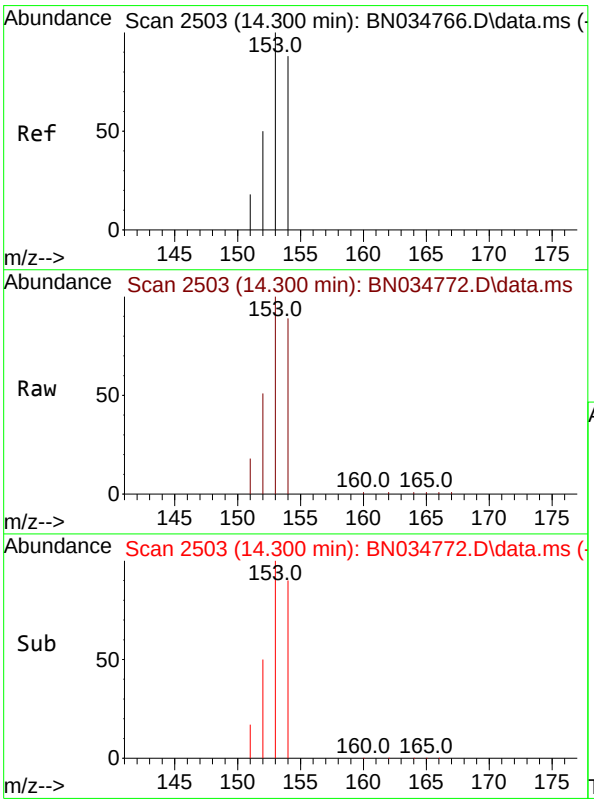
#10
Acenaphthylene
Concen: 0.273 ng/ul
RT: 13.954 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN034772.D
Acq: 31 Oct 2024 18:53

Instrument :
BNA_N
ClientSampleId :
BHK68MSD

Tgt Ion:152 Resp: 14599

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.0	24.0
153	13.8	10.7	16.1

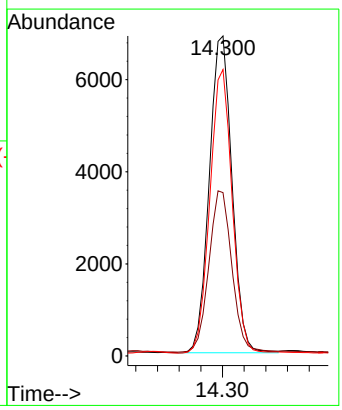


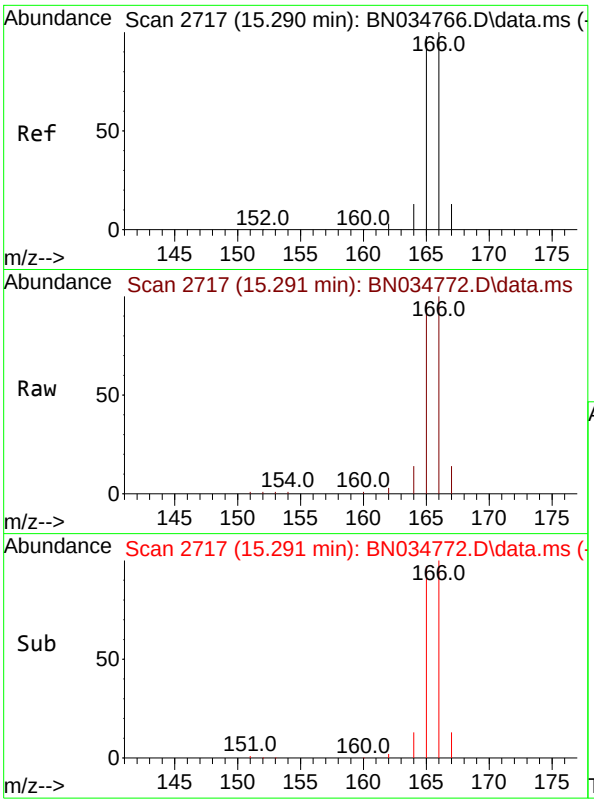


#11
Acenaphthene
Concen: 0.245 ng/ul
RT: 14.300 min Scan# 2503
Delta R.T. 0.000 min
Lab File: BN034772.D
Acq: 31 Oct 2024 18:53

Tgt Ion:153 Resp: 9994

Ion	Ratio	Lower	Upper
153	100		
152	51.0	40.3	60.5
154	89.5	69.9	104.9





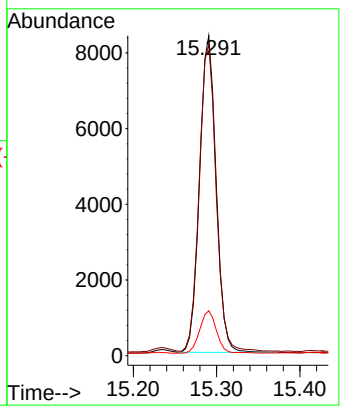
#12
Fluorene
Concen: 0.254 ng/ul
RT: 15.291 min Scan# 2

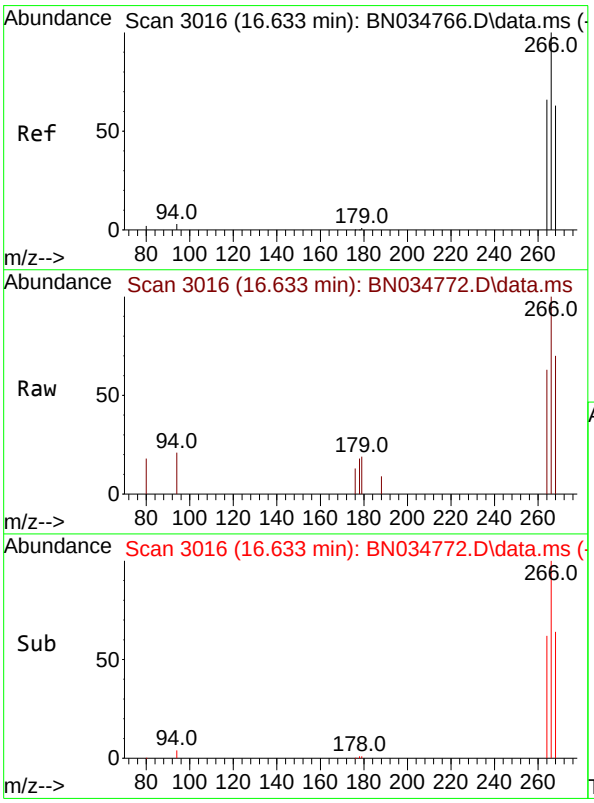
Instrument :
BNA_N
ClientSampleId :
BHK68MSD

Delta R.T. 0.000 min
Lab File: BN034772.D
Acq: 31 Oct 2024 18:53

Tgt Ion:166 Resp: 11566

Ion	Ratio	Lower	Upper
166	100		
165	97.3	79.1	118.7
167	14.0	11.0	16.4

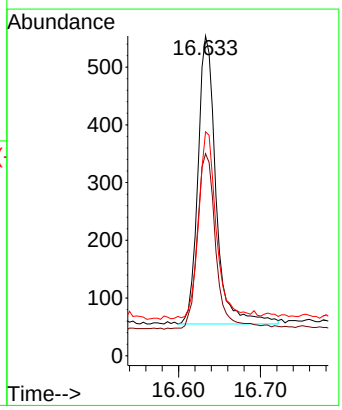


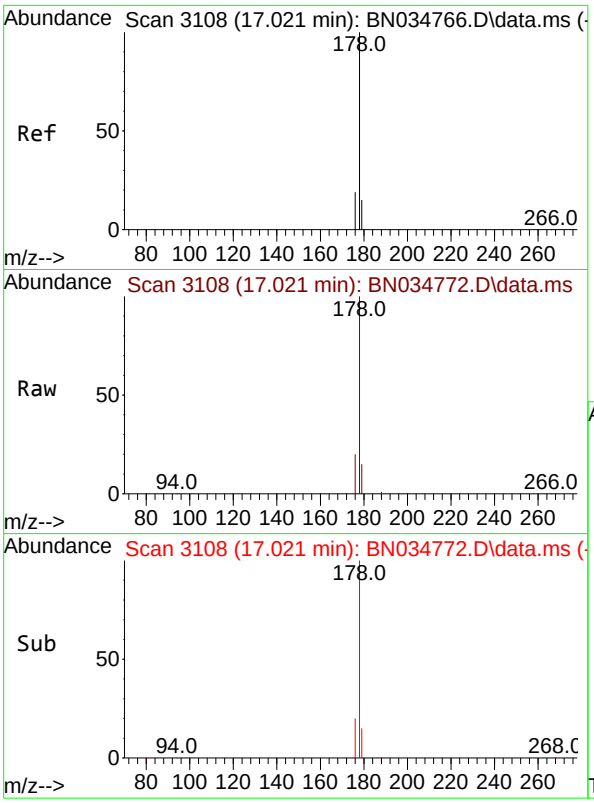


#14
Pentachlorophenol
Concen: 0.161 ng/ul
RT: 16.633 min Scan# 3016
Delta R.T. -0.004 min
Lab File: BN034772.D
Acq: 31 Oct 2024 18:53

Tgt Ion:266 Resp: 764

Ion	Ratio	Lower	Upper
266	100		
264	63.6	50.1	75.1
268	64.5	52.0	78.0



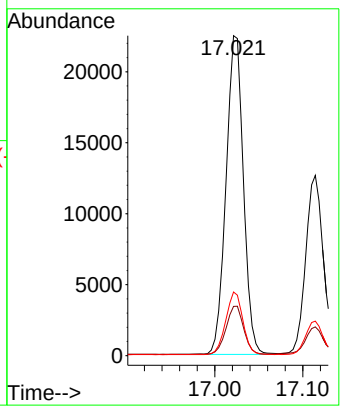


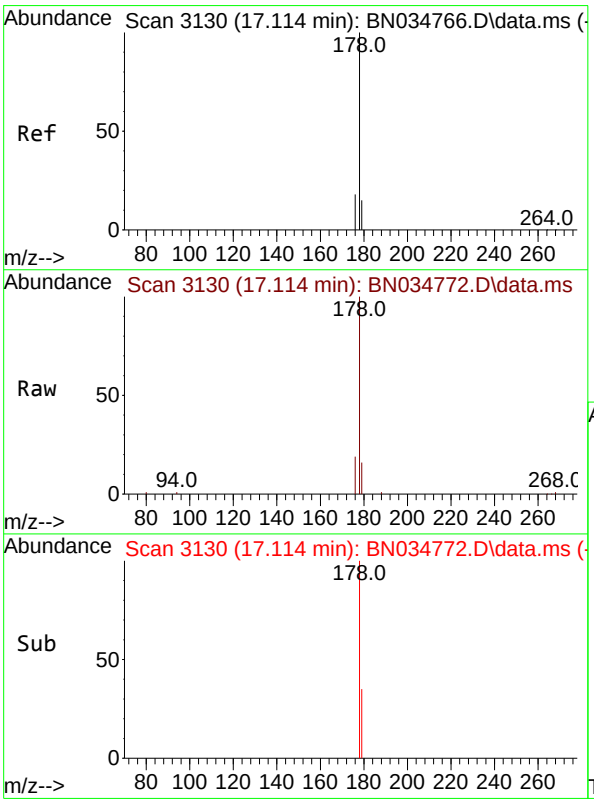
#15
Phenanthrene
Concen: 0.425 ng/ul
RT: 17.021 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN034772.D
Acq: 31 Oct 2024 18:53

Instrument :
BNA_N
ClientSampleId :
BHK68MSD

Tgt Ion:178 Resp: 30862

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.4	18.6
176	19.9	15.4	23.0

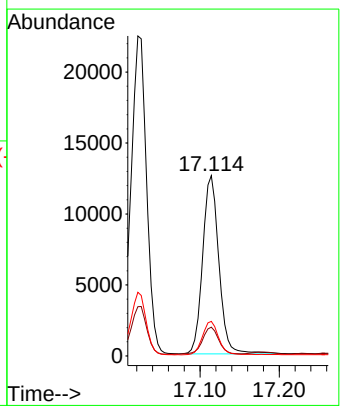


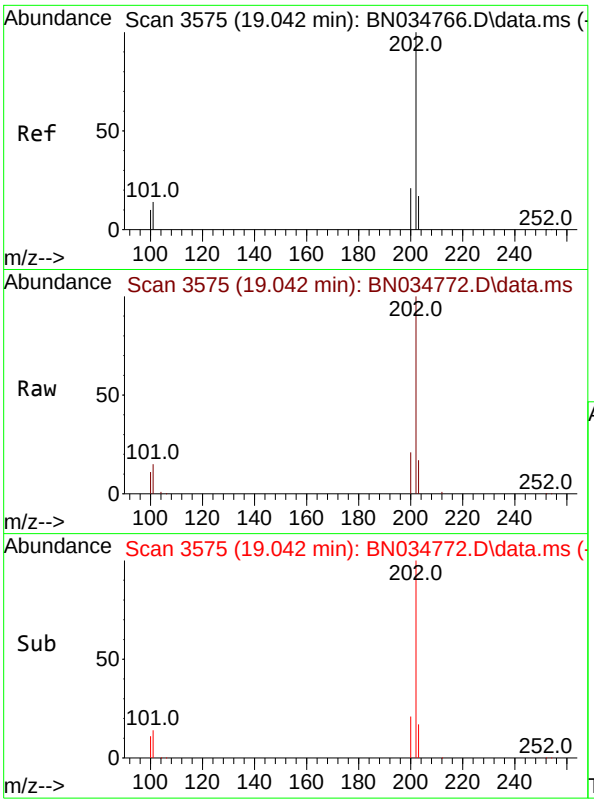


#16
Anthracene
Concen: 0.265 ng/ul
RT: 17.114 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BN034772.D
Acq: 31 Oct 2024 18:53

Tgt Ion:178 Resp: 17846

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.3	18.5
176	19.1	15.1	22.7



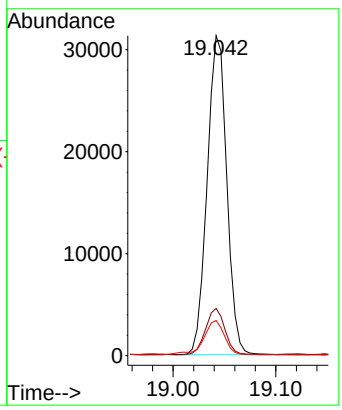


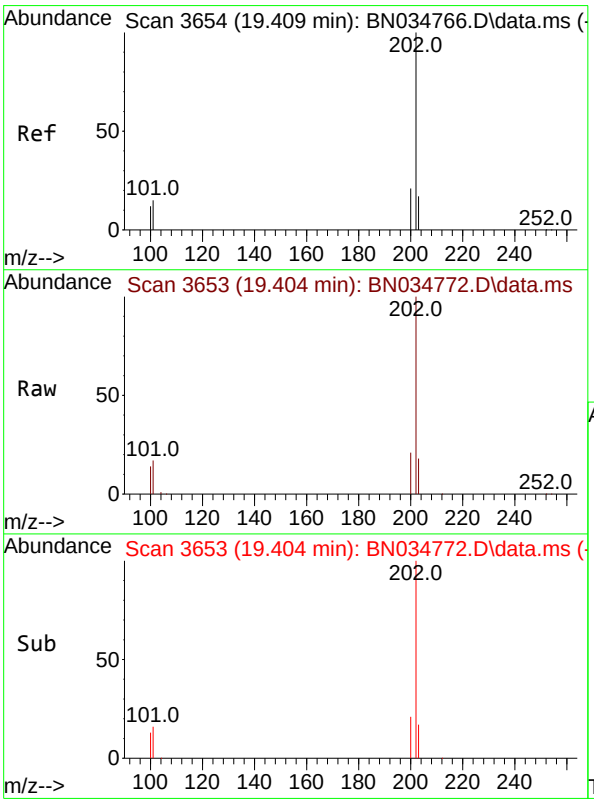
#19
Fluoranthene
Concen: 0.489 ng/ul
RT: 19.042 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN034772.D
Acq: 31 Oct 2024 18:53

Instrument :
BNA_N
ClientSampleId :
BHK68MSD

Tgt Ion:202 Resp: 41406

Ion	Ratio	Lower	Upper
202	100		
101	14.8	10.8	16.2
100	11.0	8.2	12.2

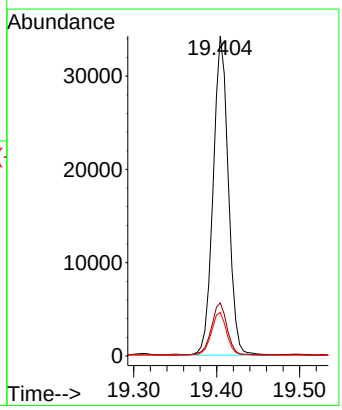


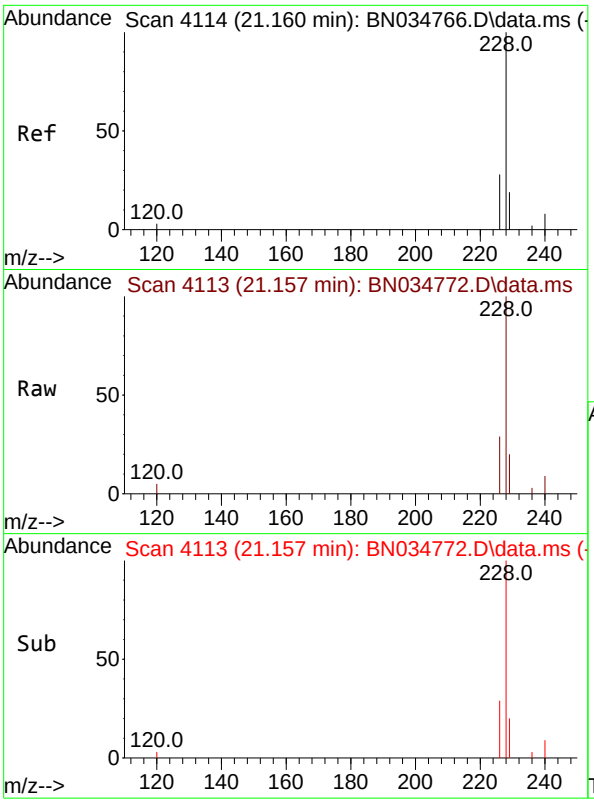


#20
Pyrene
Concen: 0.492 ng/ul
RT: 19.404 min Scan# 3653
Delta R.T. -0.005 min
Lab File: BN034772.D
Acq: 31 Oct 2024 18:53

Tgt Ion:202 Resp: 43303

Ion	Ratio	Lower	Upper
202	100		
101	16.6	12.4	18.6
100	13.6	10.0	15.0





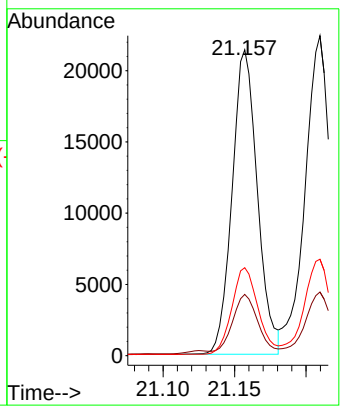
#21
Benzo(a)anthracene
Concen: 0.378 ng/ul
RT: 21.157 min Scan# 4

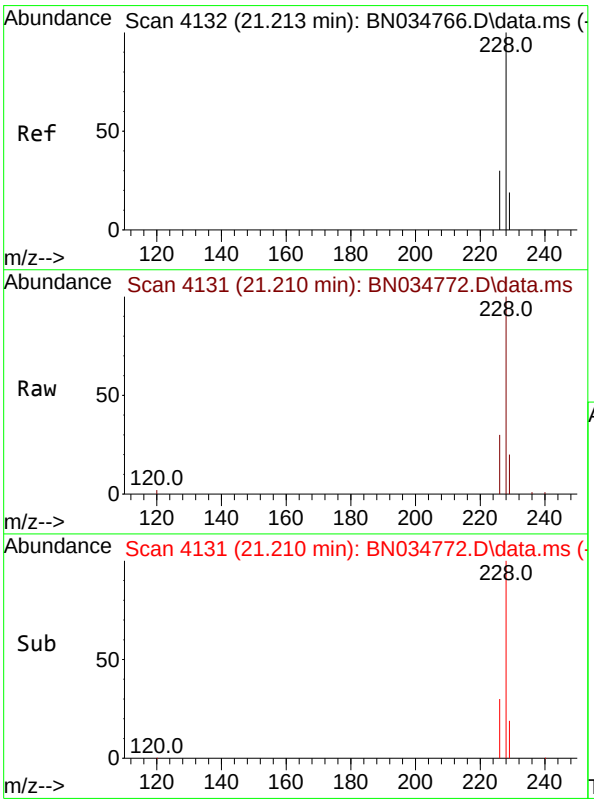
Instrument :
BNA_N
ClientSampleId :
BHK68MSD

Delta R.T. -0.003 min
Lab File: BN034772.D
Acq: 31 Oct 2024 18:53

Tgt Ion:228 Resp: 26350

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.5	23.3
226	28.8	22.1	33.1

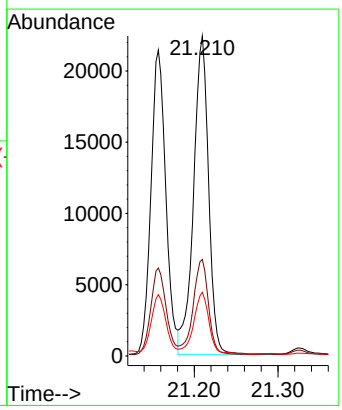


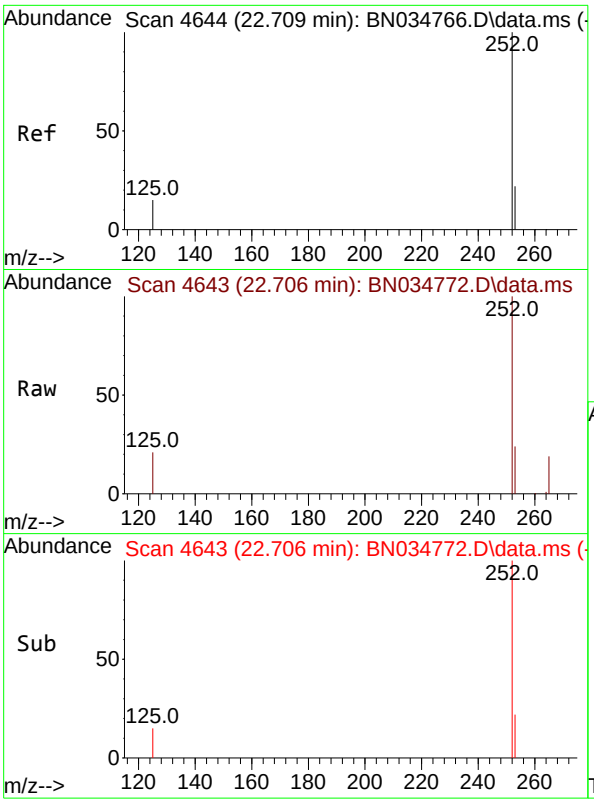


#22
Chrysene
Concen: 0.398 ng/ul
RT: 21.210 min Scan# 4131
Delta R.T. -0.003 min
Lab File: BN034772.D
Acq: 31 Oct 2024 18:53

Tgt Ion:228 Resp: 27806

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.3	36.5
229	19.9	15.6	23.4



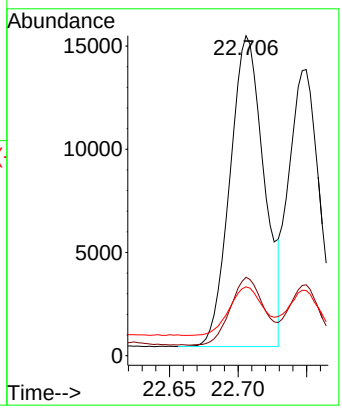


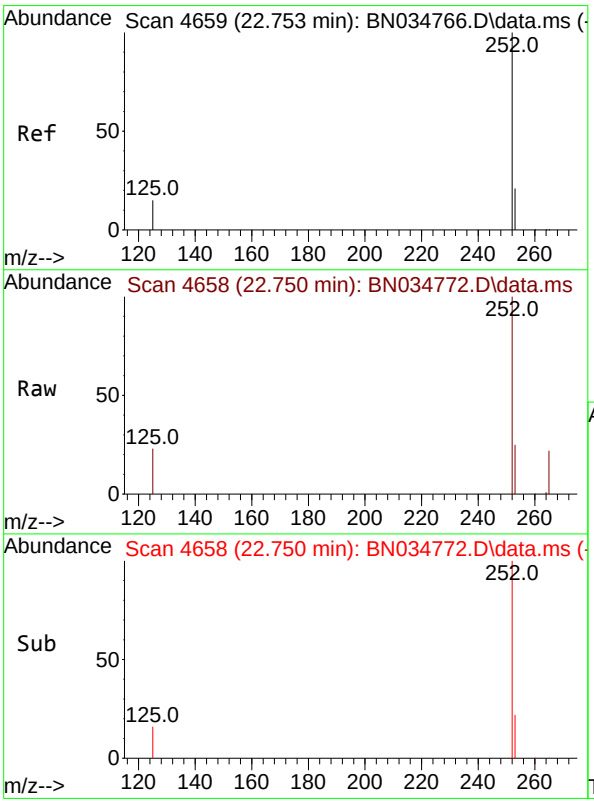
#24
Benzo(b)fluoranthene
Concen: 0.410 ng/ul
RT: 22.706 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN034772.D
Acq: 31 Oct 2024 18:53

Instrument :
BNA_N
ClientSampleId :
BHK68MSD

Tgt Ion:252 Resp: 26095

Ion	Ratio	Lower	Upper
252	100		
253	24.5	0.0	47.6
125	21.5	0.0	41.4

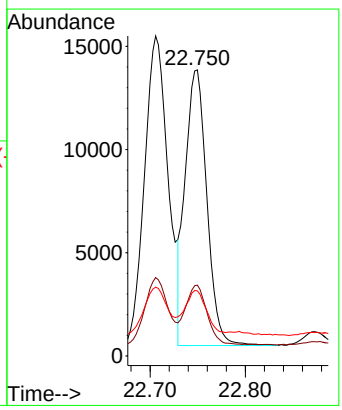


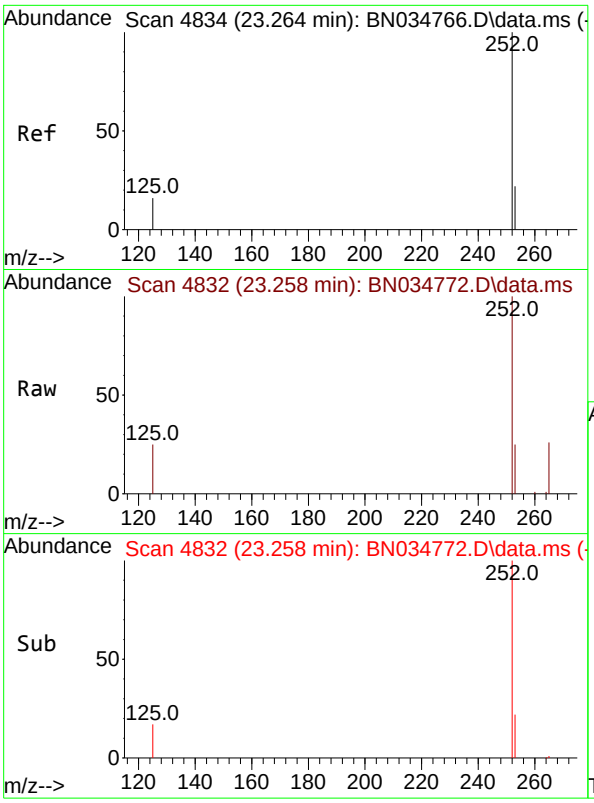


#25
Benzo(k)fluoranthene
Concen: 0.328 ng/ul
RT: 22.750 min Scan# 4658
Delta R.T. 0.000 min
Lab File: BN034772.D
Acq: 31 Oct 2024 18:53

Tgt Ion:252 Resp: 21073

Ion	Ratio	Lower	Upper
252	100		
253	24.8	19.1	28.7
125	22.7	17.0	25.4



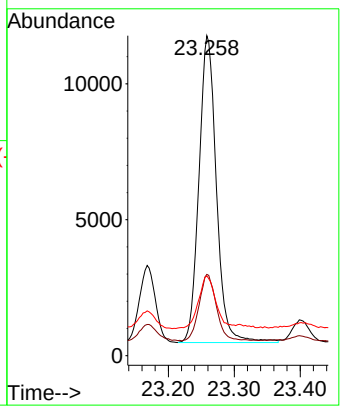


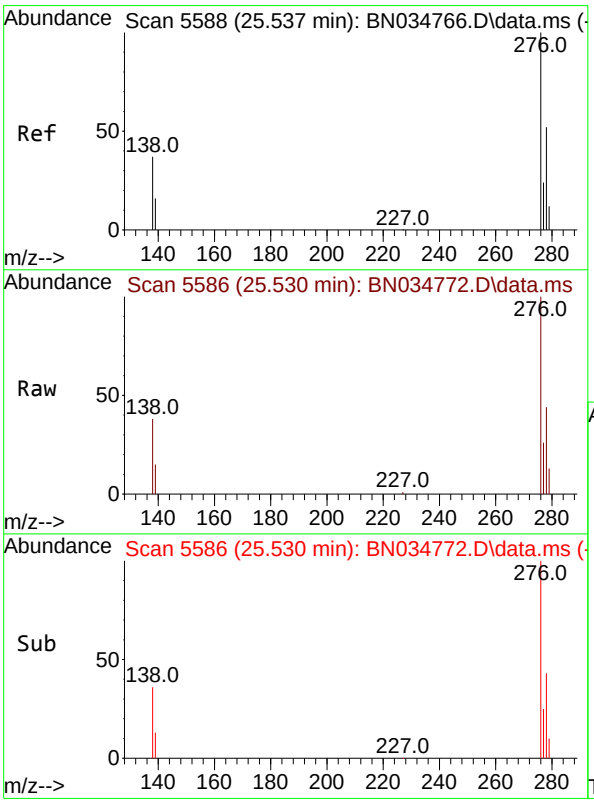
#26
Benzo(a)pyrene
Concen: 0.380 ng/ul
RT: 23.258 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN034772.D
Acq: 31 Oct 2024 18:53

Instrument :
BNA_N
ClientSampleId :
BHK68MSD

Tgt Ion:252 Resp: 20802

Ion	Ratio	Lower	Upper
252	100		
253	25.4	20.0	30.0
125	25.0	19.8	29.6

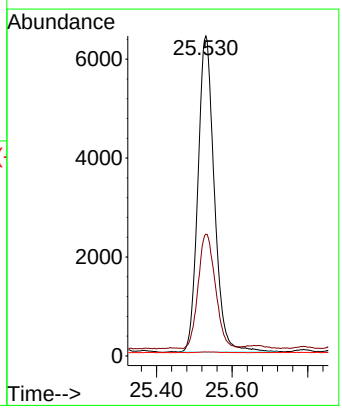


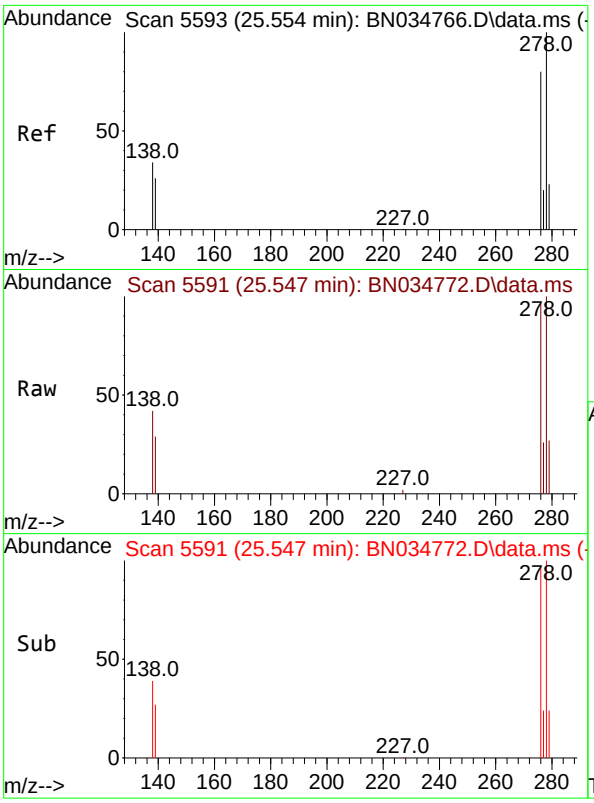


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.329 ng/ul
RT: 25.530 min Scan# 5586
Delta R.T. -0.007 min
Lab File: BN034772.D
Acq: 31 Oct 2024 18:53

Tgt Ion:276 Resp: 19222

Ion	Ratio	Lower	Upper
276	100		
138	38.3	31.8	47.6
227	0.2	0.2	0.4#



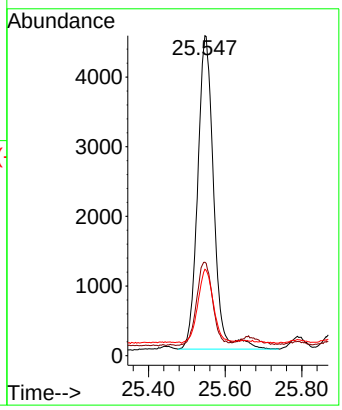


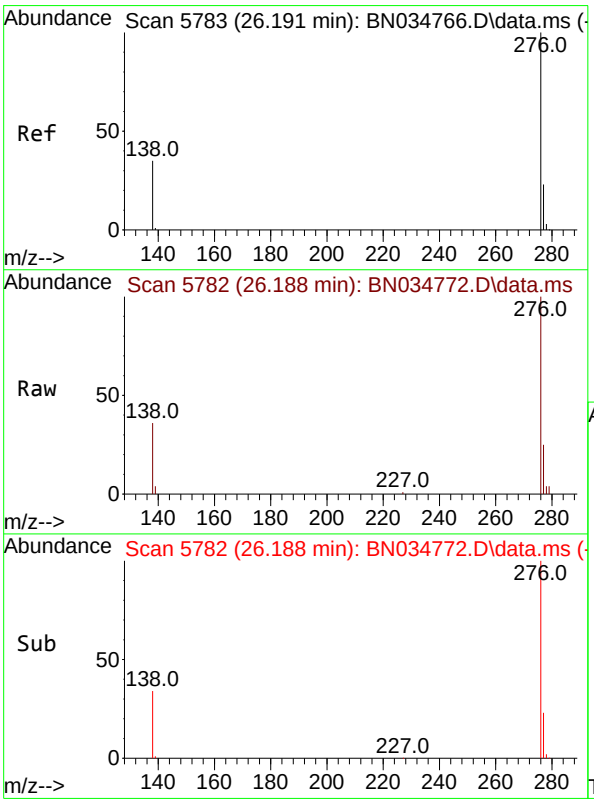
#28
Dibenzo(a,h)anthracene
Concen: 0.297 ng/ul
RT: 25.547 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN034772.D
Acq: 31 Oct 2024 18:53

Instrument :
BNA_N
ClientSampleId :
BHK68MSD

Tgt Ion:278 Resp: 13092

Ion	Ratio	Lower	Upper
278	100		
139	29.2	23.4	35.2
279	27.0	20.6	31.0





#29
Benzo(g,h,i)perylene
Concen: 0.346 ng/ul
RT: 26.188 min Scan# 5782
Delta R.T. -0.007 min
Lab File: BN034772.D
Acq: 31 Oct 2024 18:53

Tgt Ion:276 Resp: 15864

Ion	Ratio	Lower	Upper
276	100		
138	36.3	28.8	43.2
277	24.9	20.2	30.2