Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035051.D
Acq On : 13 Nov 2024 00:47
Operator : RC/JU
Sample : P4636-12DL 2X
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CC0Q4DL

Quant Time: Nov 13 01:15:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 00:41:17 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.558	152	3646	0.400	ng/ul	0.00
4) Naphthalene-d8	10.322	136	8760	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.194	164	5611	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.941	188	12288	0.400	ng/ul	0.00
17) Chrysene-d12	21.137	240	12356	0.400	ng/ul	# 0.00
23) Perylene-d12	23.299	264	14472	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.149	96	1826	0.526	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.917	152	588	0.044	ng/ul	0.00
18) Fluoranthene-d10	18.972	212	1666	0.053	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.372	128	3860	0.176	ng/ul	99
7) 2-Methylnaphthalene	11.994	142	3123	0.191	ng/ul	100
8) 1-Methylnaphthalene	12.214	142	2168	0.132	ng/ul	99
10) Acenaphthylene	13.907	152	2784	0.121	ng/ul	96
11) Acenaphthene	14.254	153	2151	0.124	ng/ul	98
12) Fluorene	15.249	166	2993	0.135	ng/ul	98
15) Phenanthrene	16.983	178	18678	0.569	ng/ul	98
16) Anthracene	17.072	178	6500	0.211	ng/ul	99
19) Fluoranthene	19.005	202	36720	0.889	ng/ul#	97
20) Pyrene	19.367	202	23289	0.544	ng/ul#	96
21) Benzo(a)anthracene	21.119	228	19371	0.433	ng/ul	98
22) Chrysene	21.172	228	20289	0.444	ng/ul	98
24) Benzo(b)fluoranthene	22.656	252	23201	0.456	ng/ul	94
25) Benzo(k)fluoranthene	22.697	252	10519	0.198	ng/ul#	86
26) Benzo(a)pyrene	23.206	252	9389	0.207	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	25.446	276	9566	0.172	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.463	278	6275	0.145	ng/ul#	86
29) Benzo(g,h,i)perylene	26.104	276	4143	0.098	ng/ul#	85

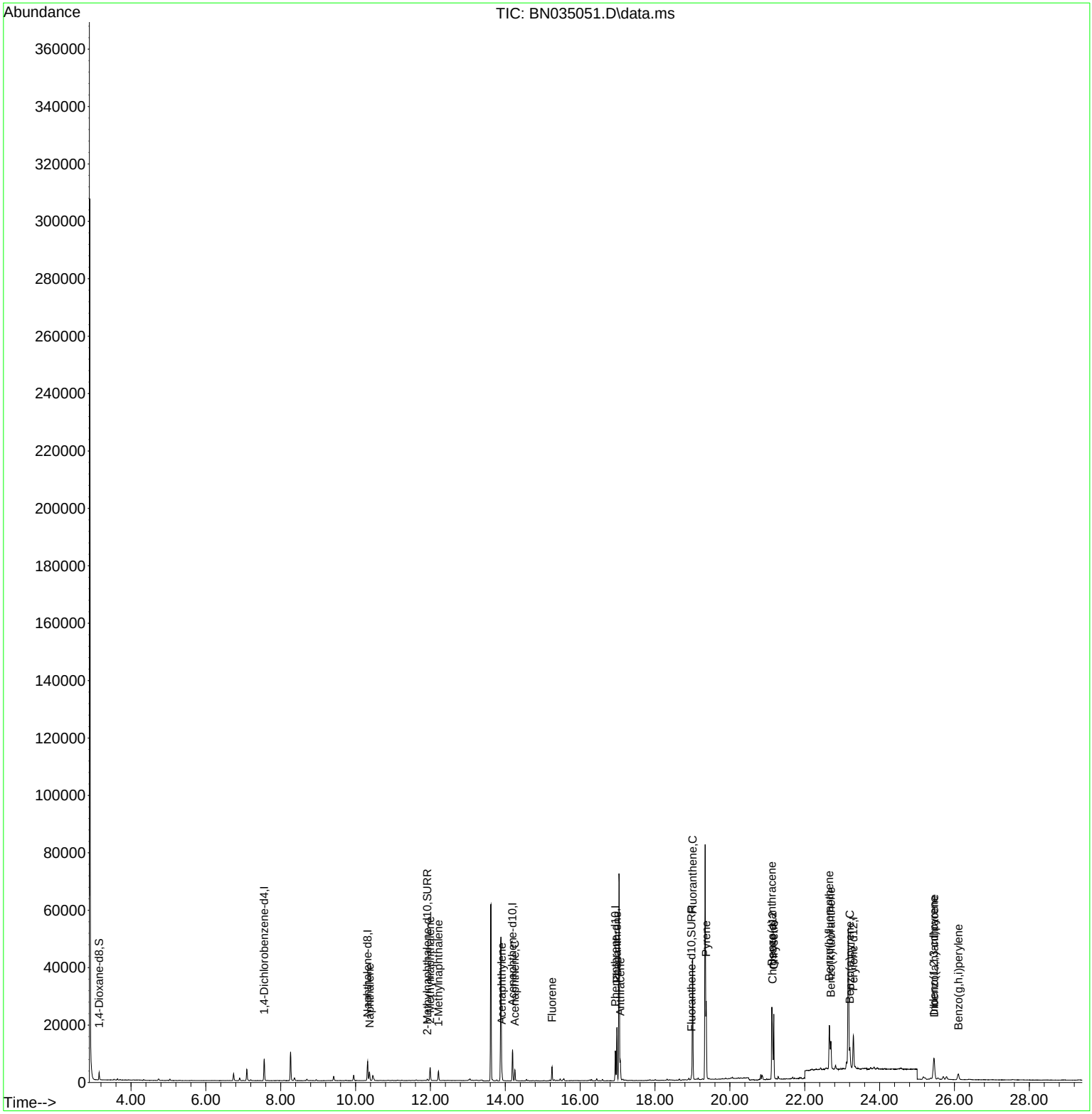
(#) = qualifier out of range (m) = manual integration (+) = signals summed

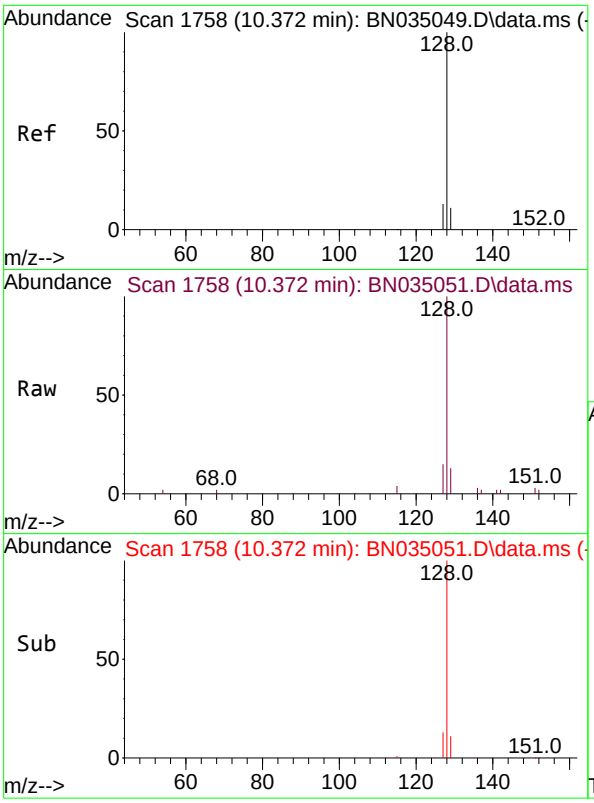
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035051.D
Acq On : 13 Nov 2024 00:47
Operator : RC/JU
Sample : P4636-12DL 2X
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CC0Q4DL

Quant Time: Nov 13 01:15:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 00:41:17 2024
Response via : Initial Calibration



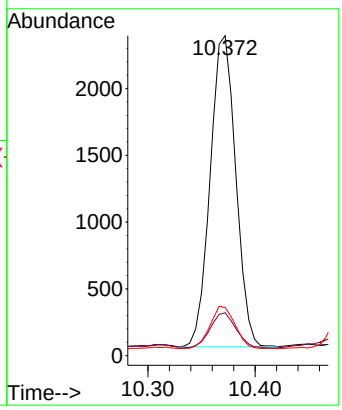


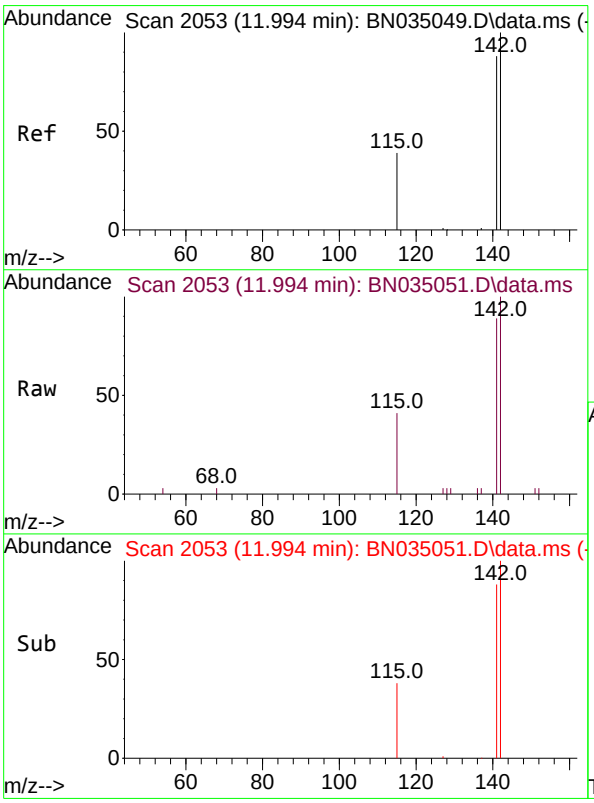
#5
Naphthalene
Concen: 0.176 ng/ul
RT: 10.372 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN035051.D
Acq: 13 Nov 2024 00:47

Instrument :
BNA_N
ClientSampleId :
CC0Q4DL

Tgt Ion:128 Resp: 3860

Ion	Ratio	Lower	Upper
128	100		
129	13.4	10.1	15.1
127	15.1	12.1	18.1

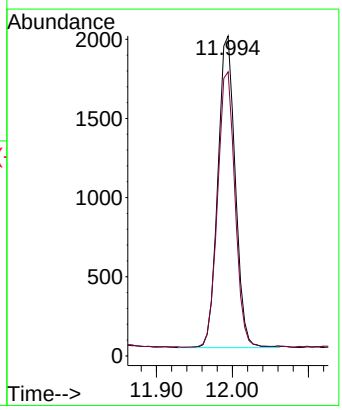


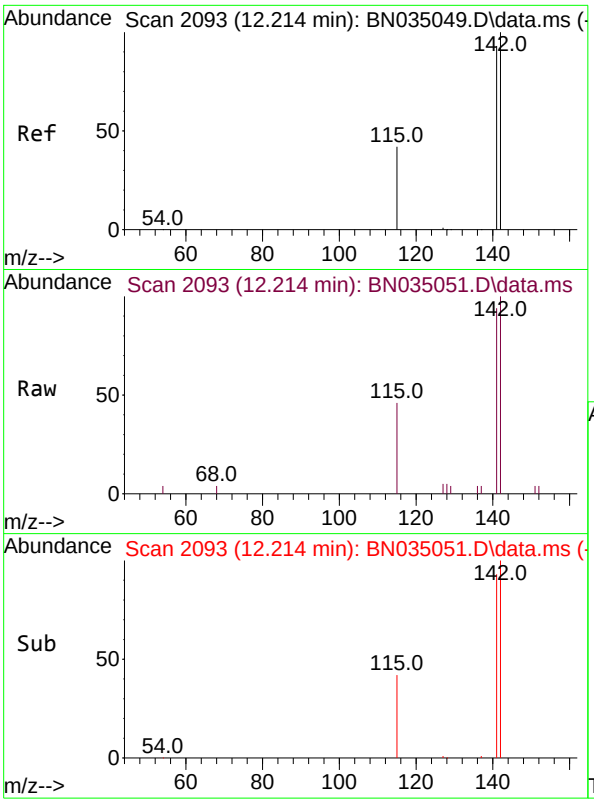


#7
2-Methylnaphthalene
Concen: 0.191 ng/ul
RT: 11.994 min Scan# 2053
Delta R.T. -0.000 min
Lab File: BN035051.D
Acq: 13 Nov 2024 00:47

Tgt Ion:142 Resp: 3123

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.8	106.2



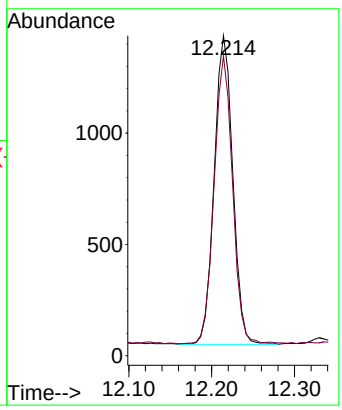


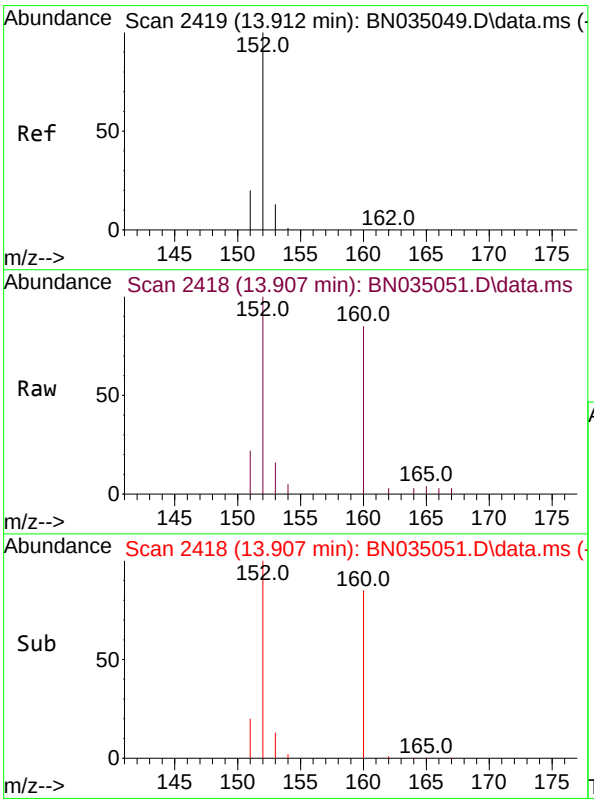
#8
1-Methylnaphthalene
Concen: 0.132 ng/ul
RT: 12.214 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN035051.D
Acq: 13 Nov 2024 00:47

Instrument :
BNA_N
ClientSampleId :
CC0Q4DL

Tgt Ion:142 Resp: 2168

Ion	Ratio	Lower	Upper
142	100		
141	92.6	74.6	111.8

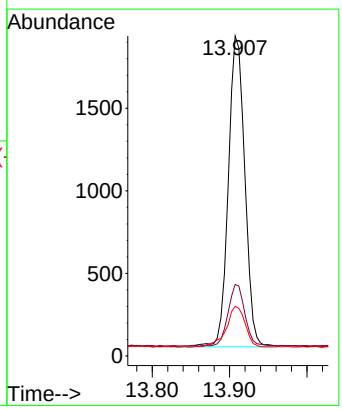


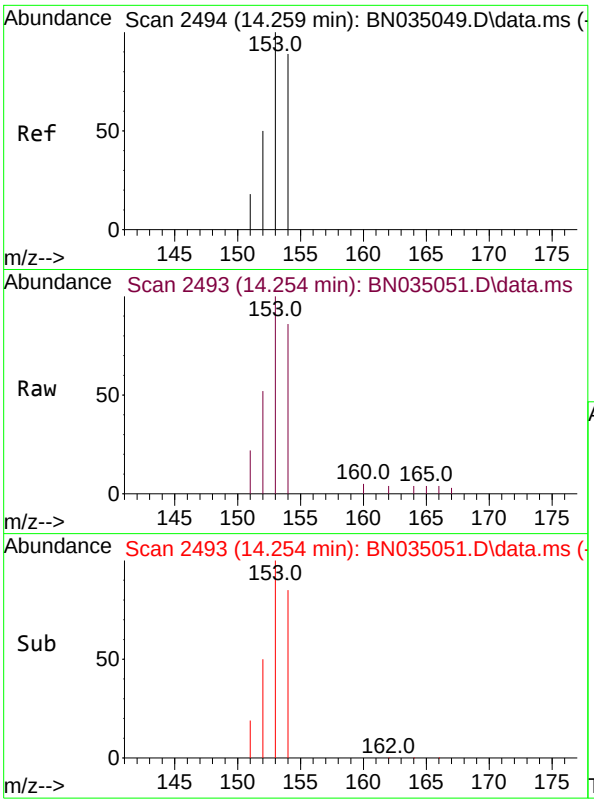


#10
Acenaphthylene
Concen: 0.121 ng/ul
RT: 13.907 min Scan# 2418
Delta R.T. -0.005 min
Lab File: BN035051.D
Acq: 13 Nov 2024 00:47

Tgt Ion:152 Resp: 2784

Ion	Ratio	Lower	Upper
152	100		
151	22.3	16.6	24.8
153	15.5	11.0	16.6



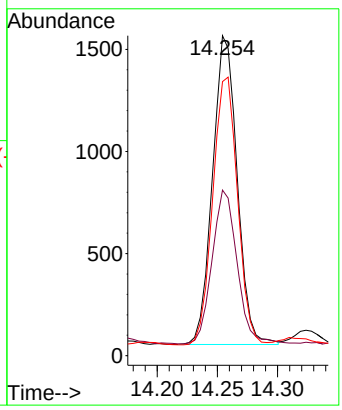


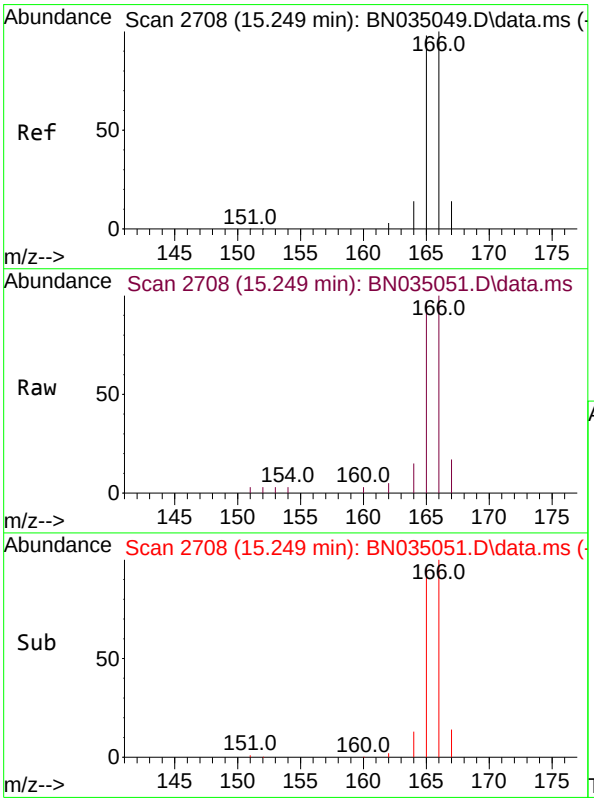
#11
Acenaphthene
Concen: 0.124 ng/ul
RT: 14.254 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN035051.D
Acq: 13 Nov 2024 00:47

Instrument :
BNA_N
ClientSampleId :
CC0Q4DL

Tgt Ion:153 Resp: 2151

Ion	Ratio	Lower	Upper
153	100		
152	51.8	41.5	62.3
154	85.6	70.9	106.3

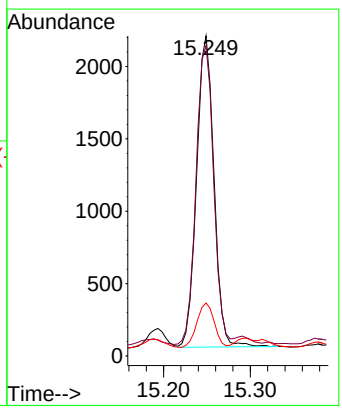


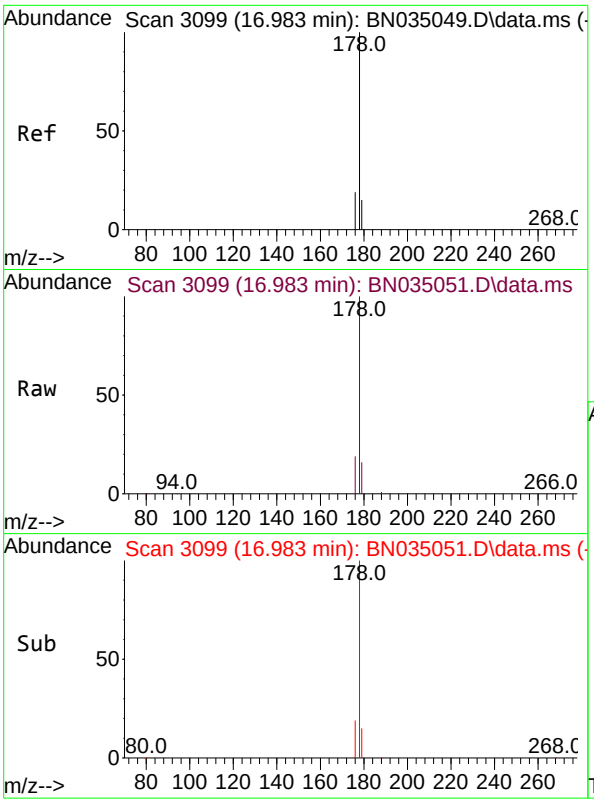


#12
Fluorene
Concen: 0.135 ng/ul
RT: 15.249 min Scan# 2708
Delta R.T. -0.000 min
Lab File: BN035051.D
Acq: 13 Nov 2024 00:47

Tgt Ion:166 Resp: 2993

Ion	Ratio	Lower	Upper
166	100		
165	97.0	79.0	118.4
167	16.6	11.8	17.6



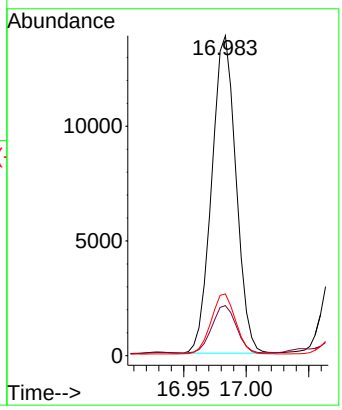


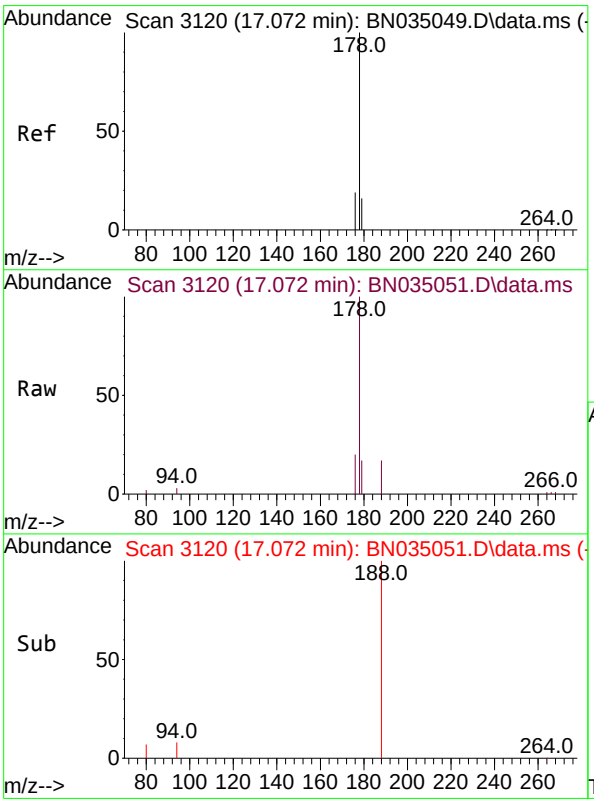
#15
Phenanthrene
Concen: 0.569 ng/ul
RT: 16.983 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN035051.D
Acq: 13 Nov 2024 00:47

Instrument :
BNA_N
ClientSampleId :
CC0Q4DL

Tgt Ion:178 Resp: 18678

Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.4	20.2
176	19.3	15.8	23.6

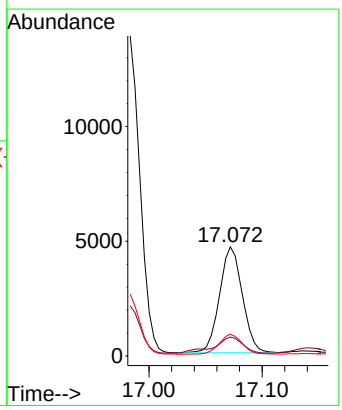


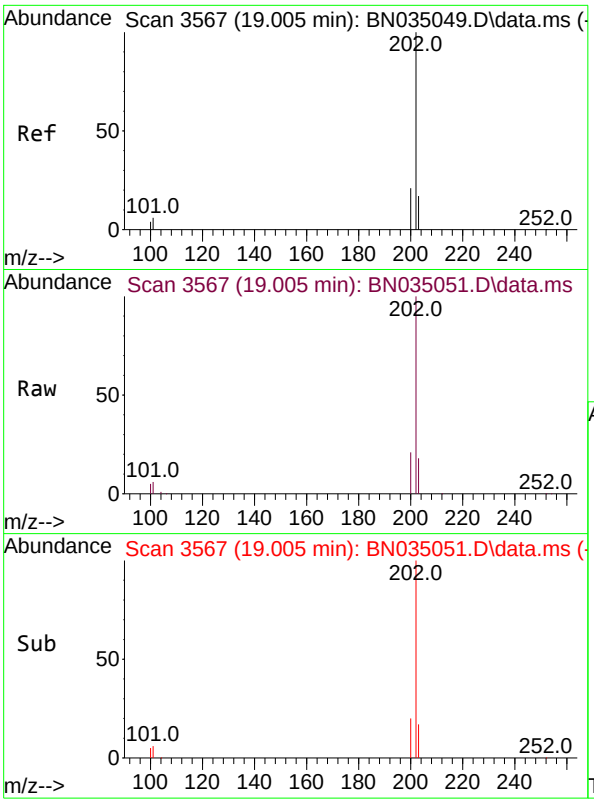


#16
Anthracene
Concen: 0.211 ng/ul
RT: 17.072 min Scan# 3120
Delta R.T. -0.000 min
Lab File: BN035051.D
Acq: 13 Nov 2024 00:47

Tgt Ion:178 Resp: 6500

Ion	Ratio	Lower	Upper
178	100		
179	17.3	13.3	19.9
176	19.9	15.8	23.8



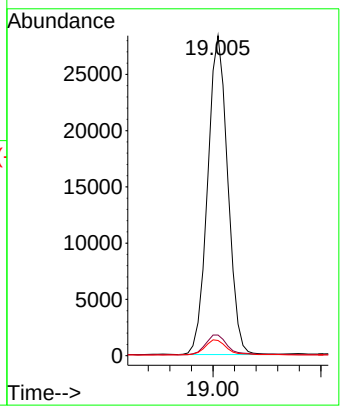


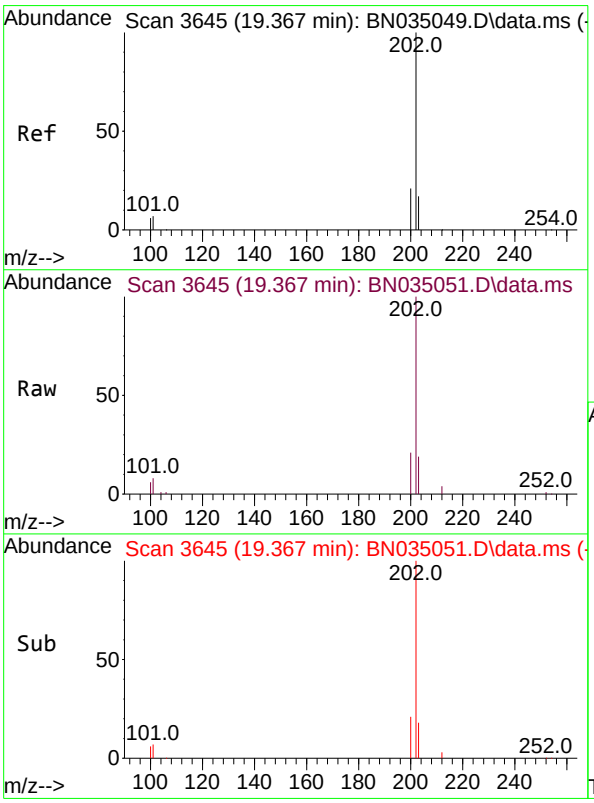
#19
Fluoranthene
Concen: 0.889 ng/ul
RT: 19.005 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN035051.D
Acq: 13 Nov 2024 00:47

Instrument :
BNA_N
ClientSampleId :
CC0Q4DL

Tgt Ion:202 Resp: 36720

Ion	Ratio	Lower	Upper
202	100		
101	6.4	4.2	6.2#
100	4.8	3.2	4.8

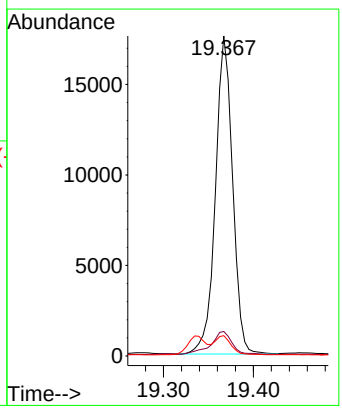


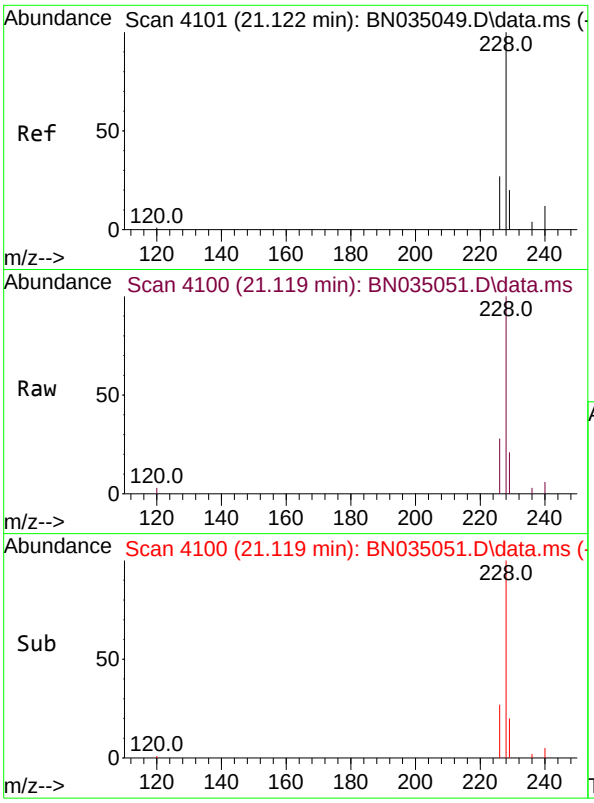


#20
Pyrene
Concen: 0.544 ng/ul
RT: 19.367 min Scan# 3645
Delta R.T. -0.000 min
Lab File: BN035051.D
Acq: 13 Nov 2024 00:47

Tgt Ion:202 Resp: 23289

Ion	Ratio	Lower	Upper
202	100		
101	7.7	5.0	7.4#
100	6.3	4.1	6.1#



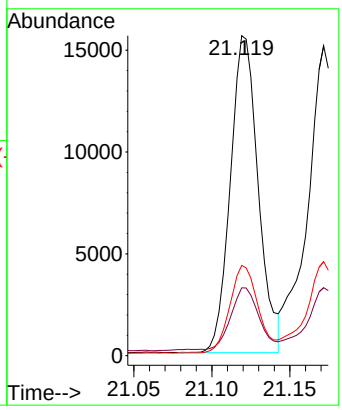


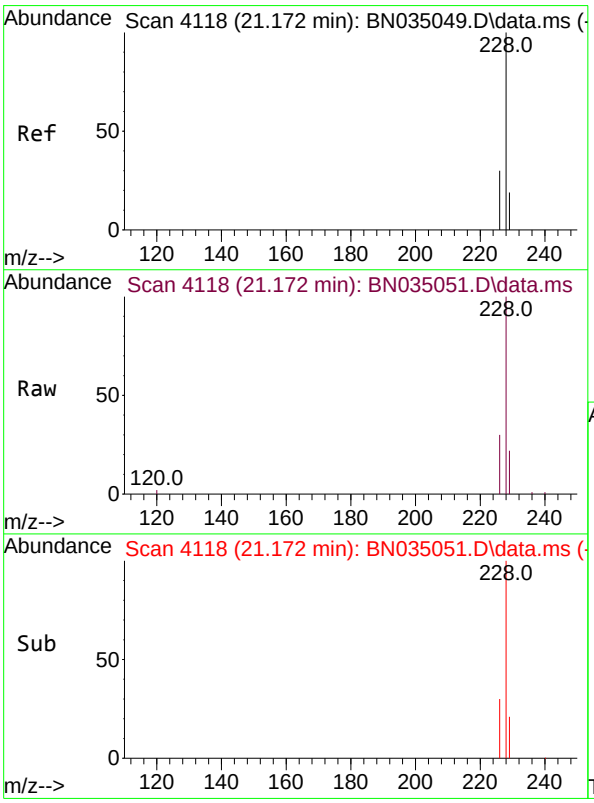
#21
Benzo(a)anthracene
Concen: 0.433 ng/ul
RT: 21.119 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN035051.D
Acq: 13 Nov 2024 00:47

Instrument :
BNA_N
ClientSampleId :
CC0Q4DL

Tgt Ion:228 Resp: 19371

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.8	23.8
226	28.2	22.2	33.2

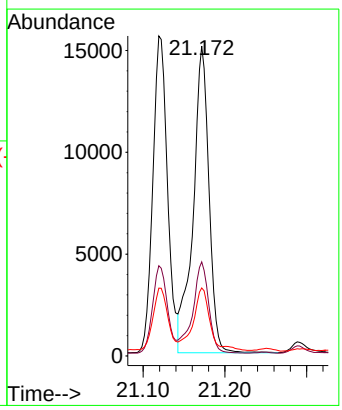


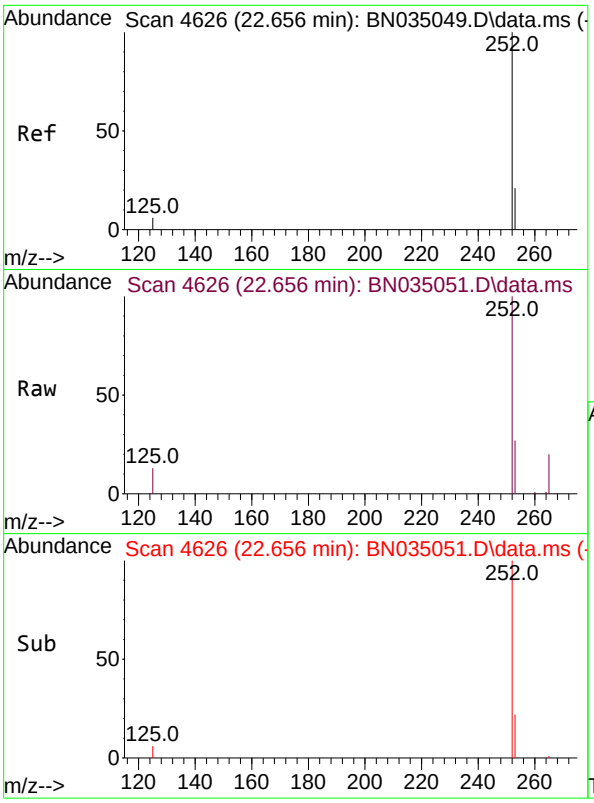


#22
Chrysene
Concen: 0.444 ng/ul
RT: 21.172 min Scan# 4118
Delta R.T. -0.000 min
Lab File: BN035051.D
Acq: 13 Nov 2024 00:47

Tgt Ion:228 Resp: 20289

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.4
229	22.0	15.4	23.2



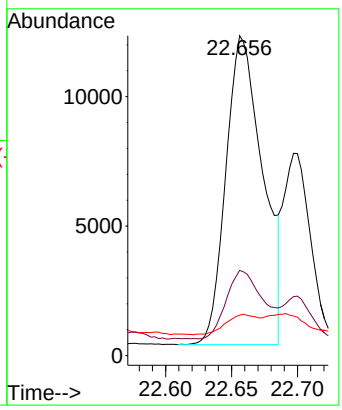


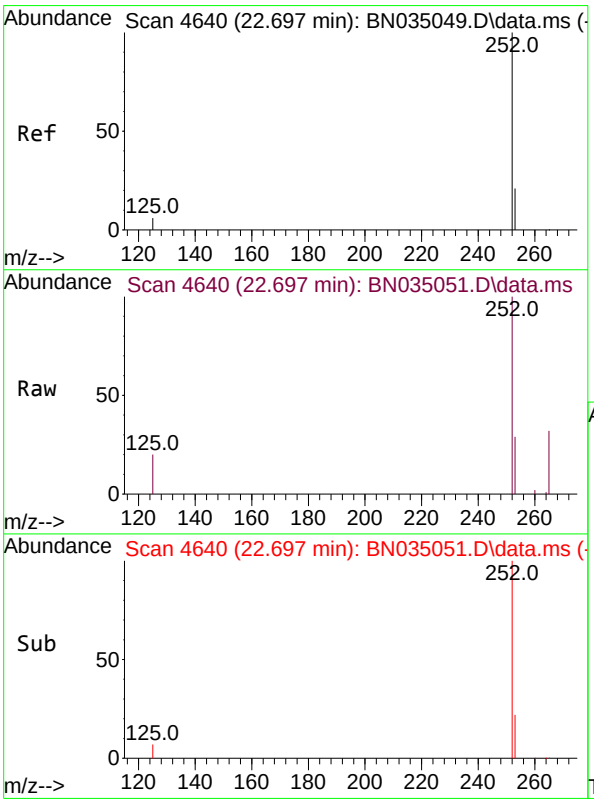
#24
Benzo(b)fluoranthene
Concen: 0.456 ng/ul
RT: 22.656 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN035051.D
Acq: 13 Nov 2024 00:47

Instrument :
BNA_N
ClientSampleId :
CC0Q4DL

Tgt Ion:252 Resp: 23201

Ion	Ratio	Lower	Upper
252	100		
253	26.6	0.0	50.0
125	12.7	0.0	14.0

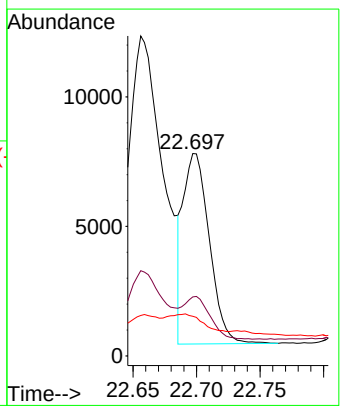


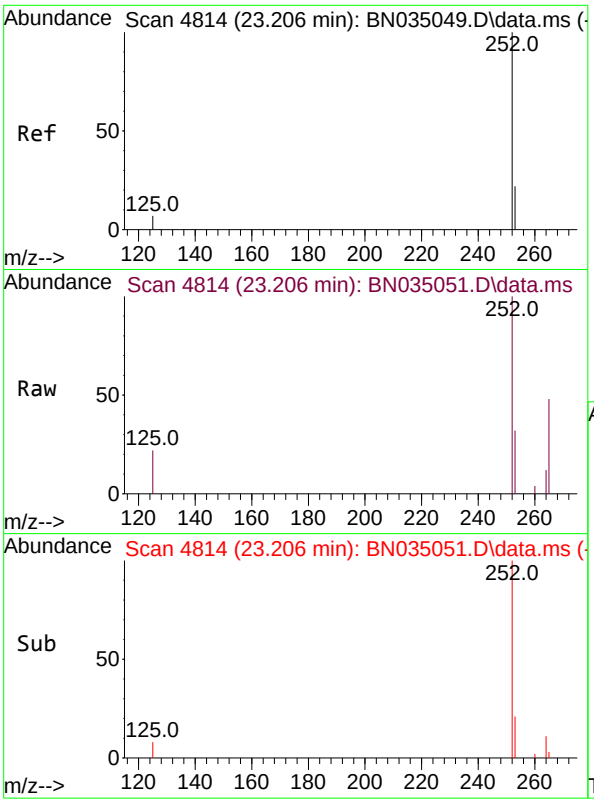


#25
Benzo(k)fluoranthene
Concen: 0.198 ng/ul
RT: 22.697 min Scan# 4640
Delta R.T. -0.000 min
Lab File: BN035051.D
Acq: 13 Nov 2024 00:47

Tgt Ion:252 Resp: 10519

Ion	Ratio	Lower	Upper
252	100		
253	29.2	20.2	30.4
125	19.6	5.8	8.8#



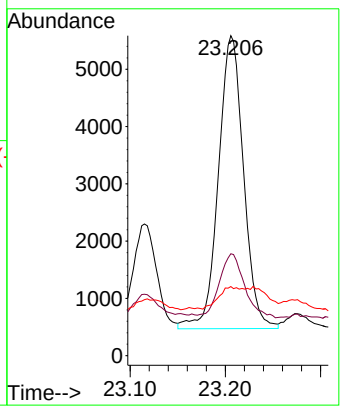


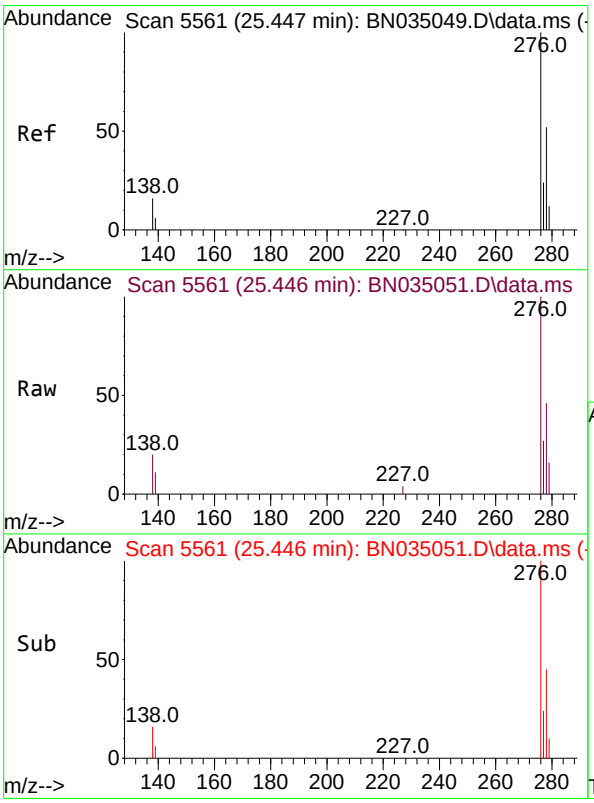
#26
Benzo(a)pyrene
Concen: 0.207 ng/ul
RT: 23.206 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN035051.D
Acq: 13 Nov 2024 00:47

Instrument :
BNA_N
ClientSampleId :
CC0Q4DL

Tgt Ion:252 Resp: 9389

Ion	Ratio	Lower	Upper
252	100		
253	31.9	21.2	31.8#
125	21.6	6.3	9.5#

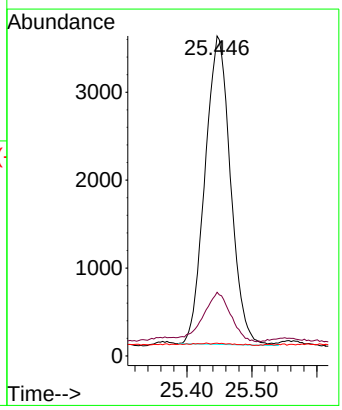


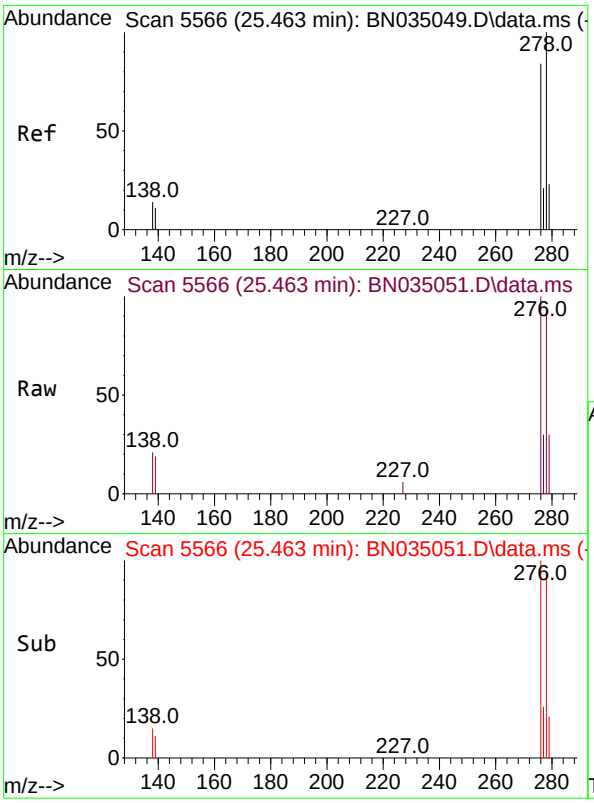


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.172 ng/ul
RT: 25.446 min Scan# 5561
Delta R.T. -0.000 min
Lab File: BN035051.D
Acq: 13 Nov 2024 00:47

Tgt Ion:276 Resp: 9566

Ion	Ratio	Lower	Upper
276	100		
138	17.0	10.8	16.2#
227	0.4	0.2	0.4#



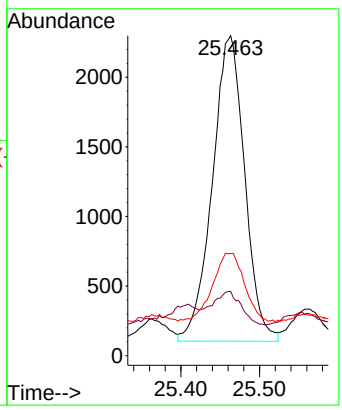


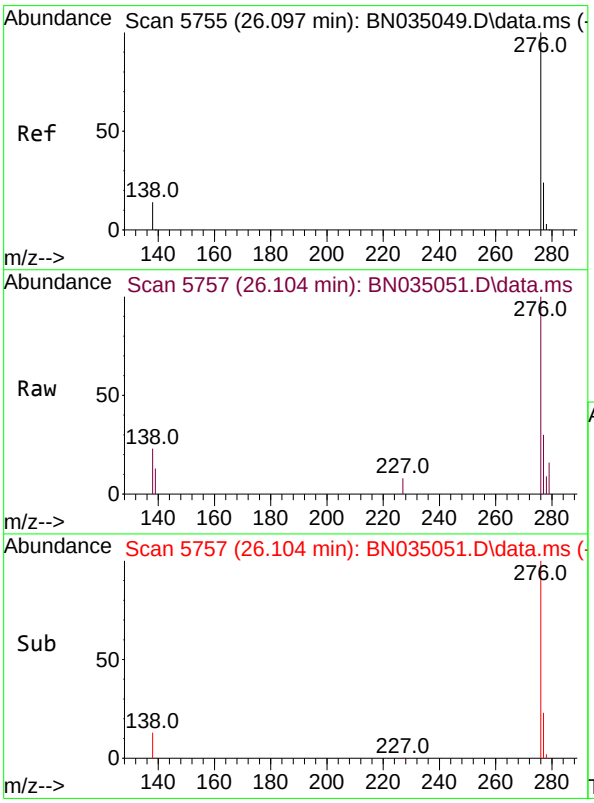
#28
Dibenzo(a,h)anthracene
Concen: 0.145 ng/ul
RT: 25.463 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN035051.D
Acq: 13 Nov 2024 00:47

Instrument :
BNA_N
ClientSampleId :
CC0Q4DL

Tgt Ion:278 Resp: 6275

Ion	Ratio	Lower	Upper
278	100		
139	20.1	8.4	12.6#
279	31.9	21.5	32.3





#29
Benzo(g,h,i)perylene
Concen: 0.098 ng/ul
RT: 26.104 min Scan# 5757
Delta R.T. 0.007 min
Lab File: BN035051.D
Acq: 13 Nov 2024 00:47

Tgt Ion:276 Resp: 4143

Ion	Ratio	Lower	Upper
276	100		
138	23.0	10.3	15.5#
277	30.4	20.2	30.2#