Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072023\
Data File : BM040986.D
Acq On : 20 Jul 2023 17:59
Operator : MA/JU
Sample : PB154066BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jul 20 21:38:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 05:08:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.874	152	1990	0.400	ng/ul	0.00
4) Naphthalene-d8	10.680	136	9795	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.523	164	3047	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.282	188	4662	0.400	ng/ul	0.00
17) Chrysene-d12	21.472	240	3811	0.400	ng/ul	0.00
23) Perylene-d12	23.863	264	4190	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	2683	0.820	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.280	152	5142	0.394	ng/ul	0.00
18) Fluoranthene-d10	19.310	212	4696	0.293	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	6250	1.815	ng/ul#	75
5) Naphthalene	10.730	128	9019	0.337	ng/ul	99
7) 2-Methylnaphthalene	12.352	142	5054	0.344	ng/ul	99
8) 1-Methylnaphthalene	12.566	142	5534	0.354	ng/ul	99
10) Acenaphthylene	14.245	152	6447	0.505	ng/ul	99
11) Acenaphthene	14.583	153	3851	0.342	ng/ul	99
12) Fluorene	15.582	166	3594	0.309	ng/ul	99
14) Pentachlorophenol	16.944	266	773	0.823	ng/ul	97
15) Phenanthrene	17.324	178	4733	0.340	ng/ul	97
16) Anthracene	17.417	178	3654	0.337	ng/ul	94
19) Fluoranthene	19.338	202	5350	0.272	ng/ul	97
20) Pyrene	19.701	202	5871	0.292	ng/ul	97
21) Benzo(a)anthracene	21.454	228	4177	0.360	ng/ul	97
22) Chrysene	21.507	228	4749	0.358	ng/ul	98
24) Benzo(b)fluoranthene	23.135	252	5156	0.321	ng/ul	93
25) Benzo(k)fluoranthene	23.181	252	5036	0.330	ng/ul#	92
26) Benzo(a)pyrene	23.757	252	4693	0.338	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.341	276	6730	0.365	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.357	278	5137	0.368	ng/ul	95
29) Benzo(g,h,i)perylene	27.098	276	6249	0.367	ng/ul	98

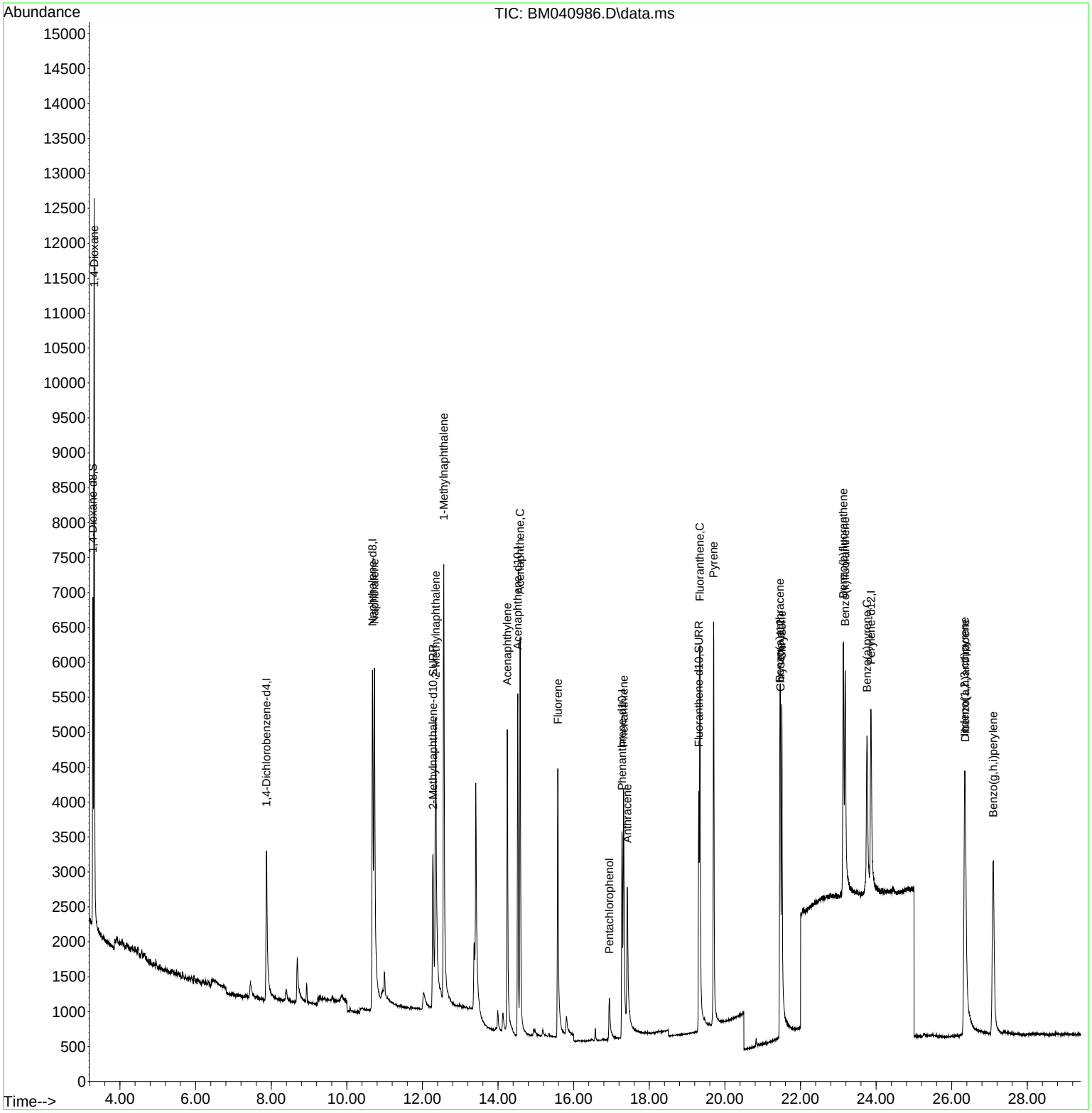
(#) = qualifier out of range (m) = manual integration (+) = signals summed

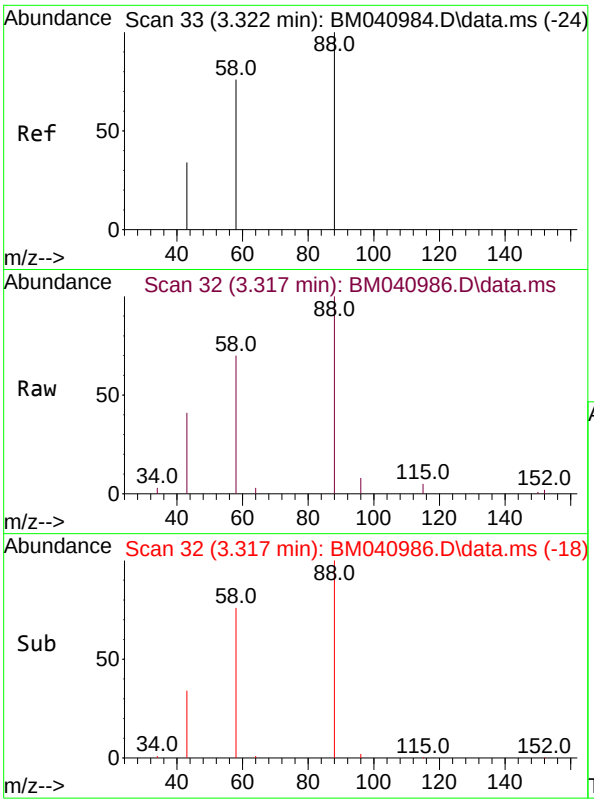
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072023\
Data File : BM040986.D
Acq On : 20 Jul 2023 17:59
Operator : MA/JU
Sample : PB154066BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jul 20 21:38:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 05:08:42 2023
Response via : Initial Calibration



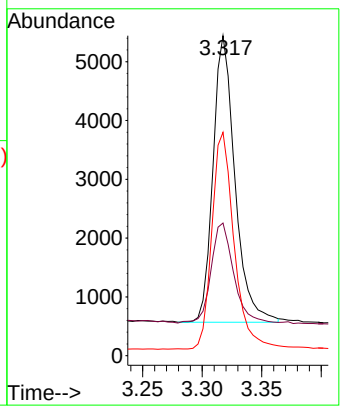


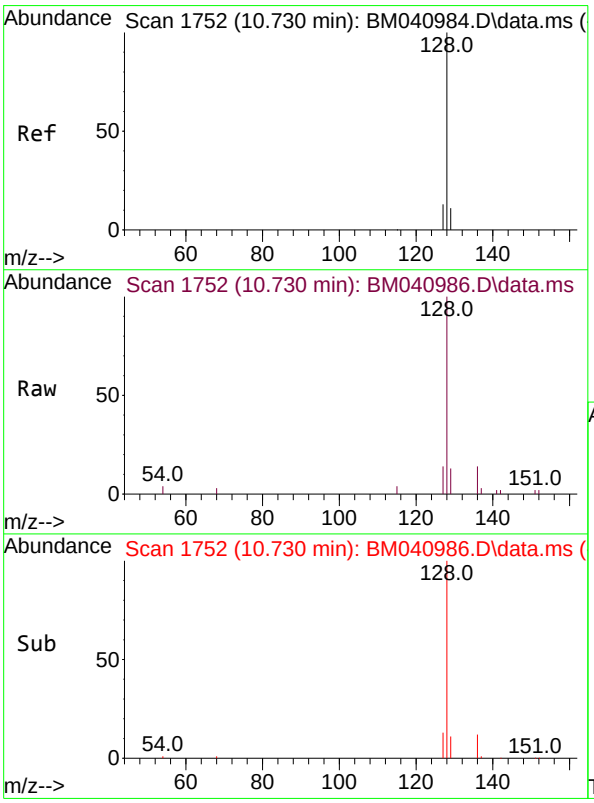
#2
1,4-Dioxane
Concen: 1.815 ng/ul
RT: 3.317 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM040986.D
Acq: 20 Jul 2023 17:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 6250

Ion	Ratio	Lower	Upper
88	100		
43	41.5	46.7	70.1#
58	69.8	40.3	60.5#

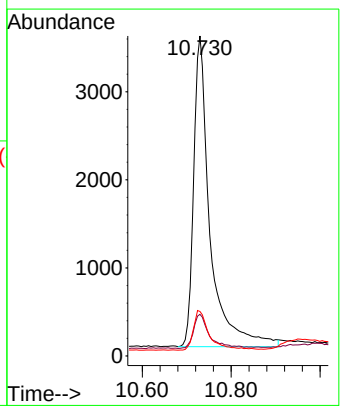


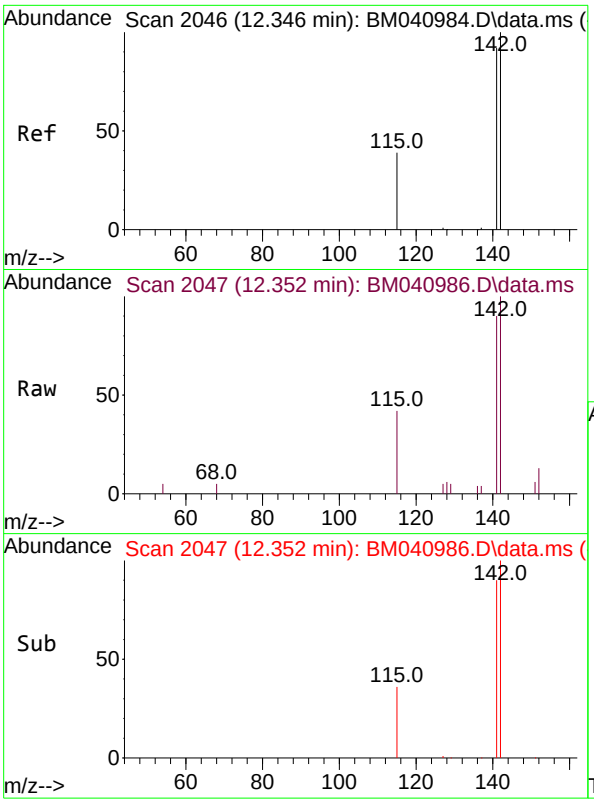


#5
Naphthalene
Concen: 0.337 ng/ul
RT: 10.730 min Scan# 1752
Delta R.T. 0.000 min
Lab File: BM040986.D
Acq: 20 Jul 2023 17:59

Tgt Ion:128 Resp: 9019

Ion	Ratio	Lower	Upper
128	100		
129	13.0	9.8	14.8
127	13.9	11.0	16.4



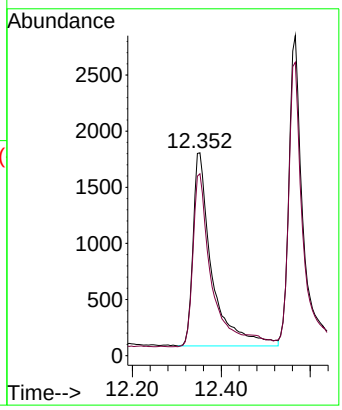


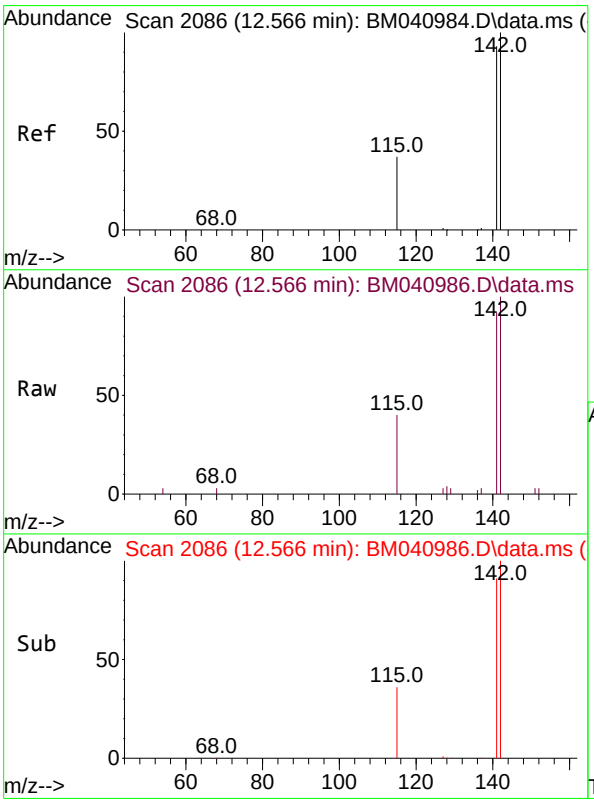
#7
2-Methylnaphthalene
Concen: 0.344 ng/ul
RT: 12.352 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM040986.D
Acq: 20 Jul 2023 17:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 5054

Ion	Ratio	Lower	Upper
142	100		
141	90.8	73.2	109.8

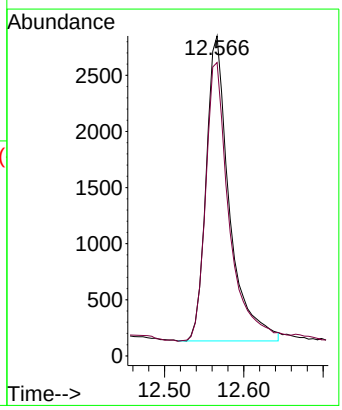


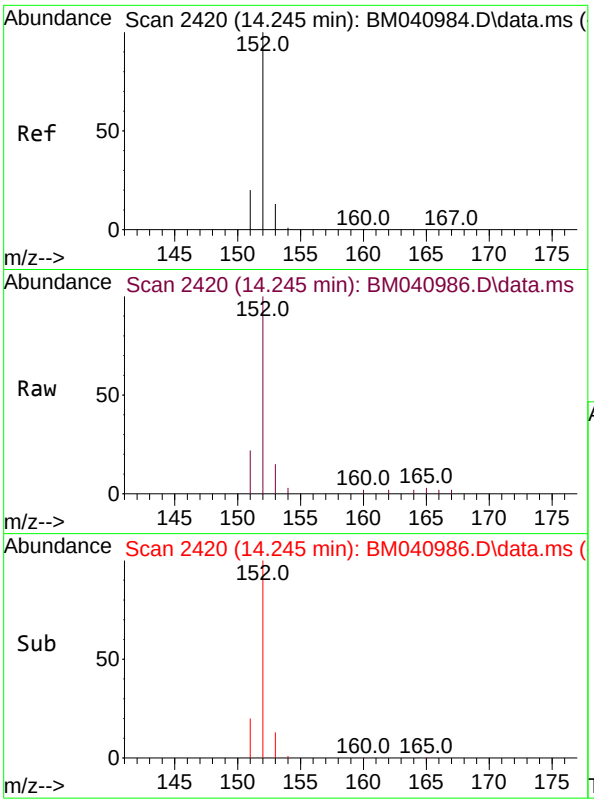


#8
1-Methylnaphthalene
Concen: 0.354 ng/ul
RT: 12.566 min Scan# 2086
Delta R.T. 0.000 min
Lab File: BM040986.D
Acq: 20 Jul 2023 17:59

Tgt Ion:142 Resp: 5534

Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.4	110.2



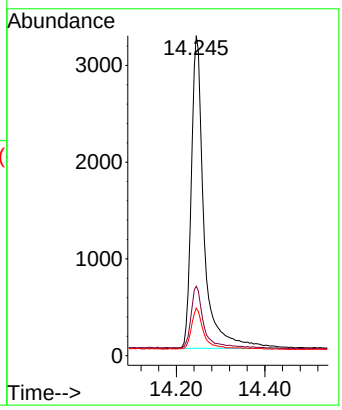


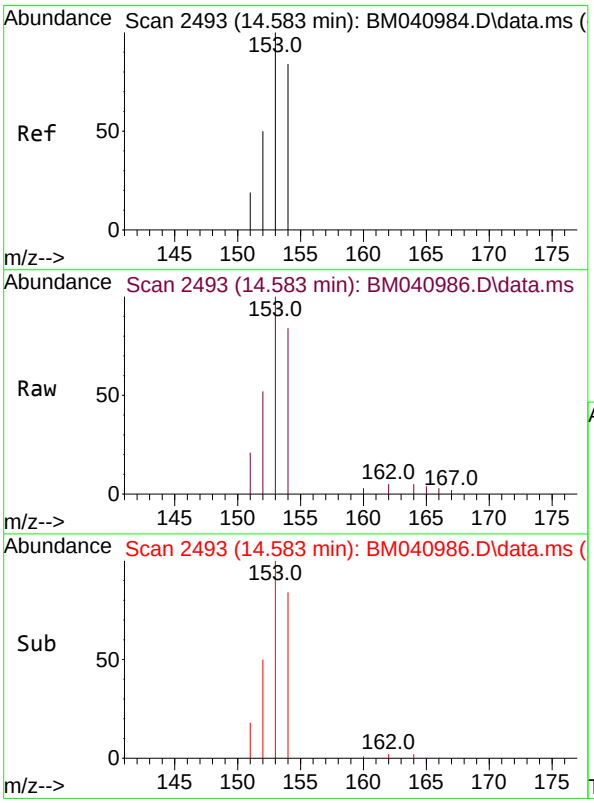
#10
Acenaphthylene
Concen: 0.505 ng/ul
RT: 14.245 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM040986.D
Acq: 20 Jul 2023 17:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 6447

Ion	Ratio	Lower	Upper
152	100		
151	21.7	16.8	25.2
153	14.9	11.6	17.4

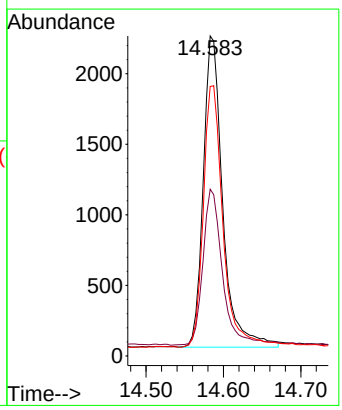


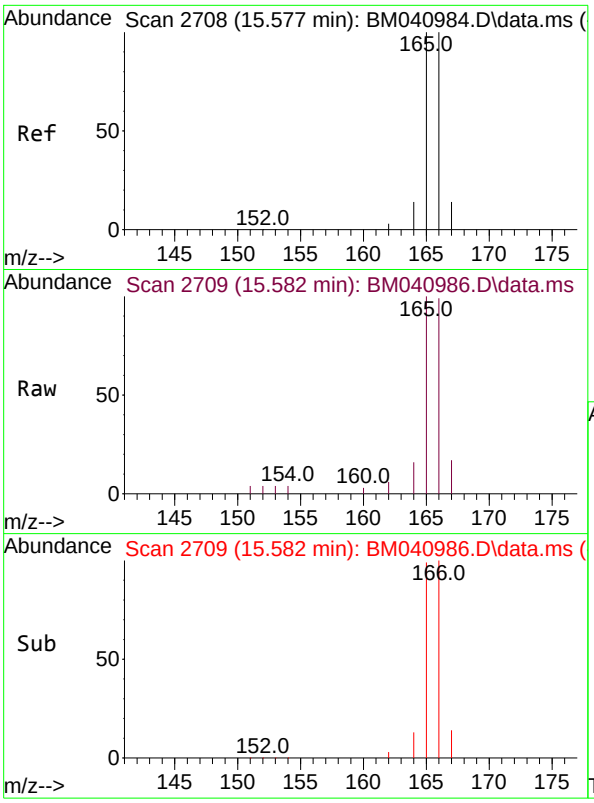


#11
Acenaphthene
Concen: 0.342 ng/ul
RT: 14.583 min Scan# 2493
Delta R.T. -0.005 min
Lab File: BM040986.D
Acq: 20 Jul 2023 17:59

Tgt Ion:153 Resp: 3851

Ion	Ratio	Lower	Upper
153	100		
152	52.1	41.0	61.6
154	84.2	68.2	102.2



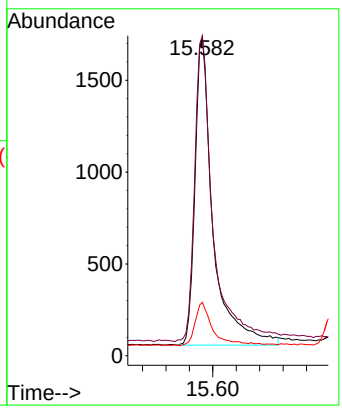


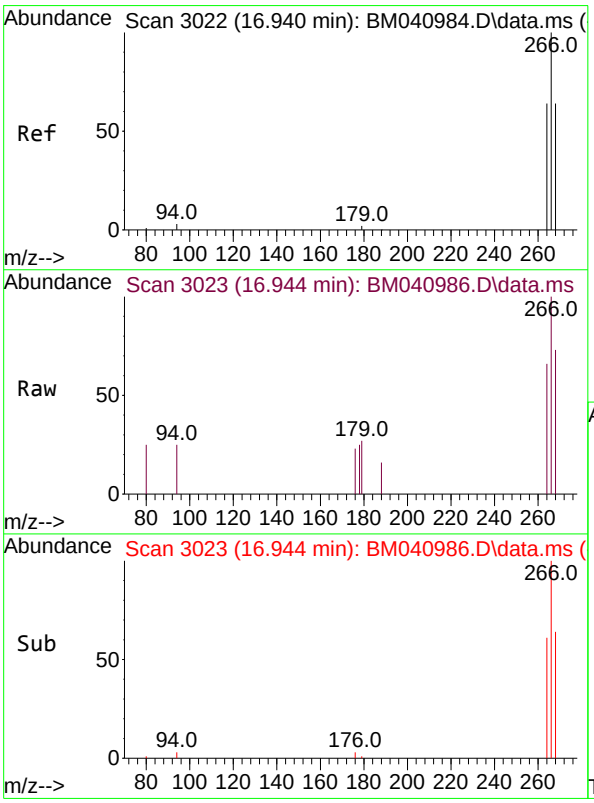
#12
Fluorene
Concen: 0.309 ng/ul
RT: 15.582 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM040986.D
Acq: 20 Jul 2023 17:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 3594

Ion	Ratio	Lower	Upper
166	100		
165	100.8	80.3	120.5
167	16.8	11.7	17.5

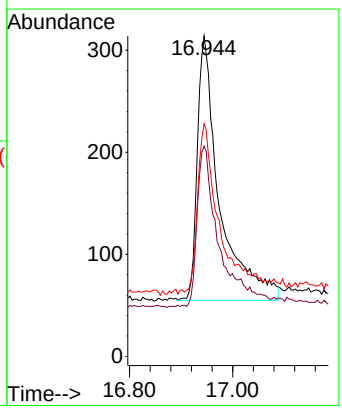


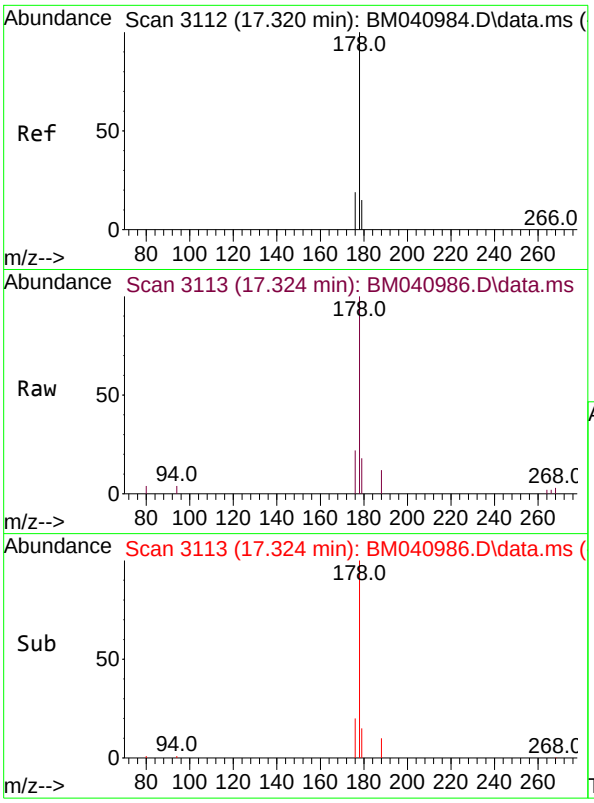


#14
Pentachlorophenol
Concen: 0.823 ng/ul
RT: 16.944 min Scan# 3023
Delta R.T. -0.029 min
Lab File: BM040986.D
Acq: 20 Jul 2023 17:59

Tgt Ion:266 Resp: 773

Ion	Ratio	Lower	Upper
266	100		
264	60.7	50.7	76.1
268	63.6	52.8	79.2



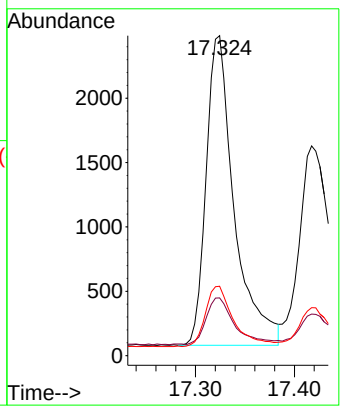


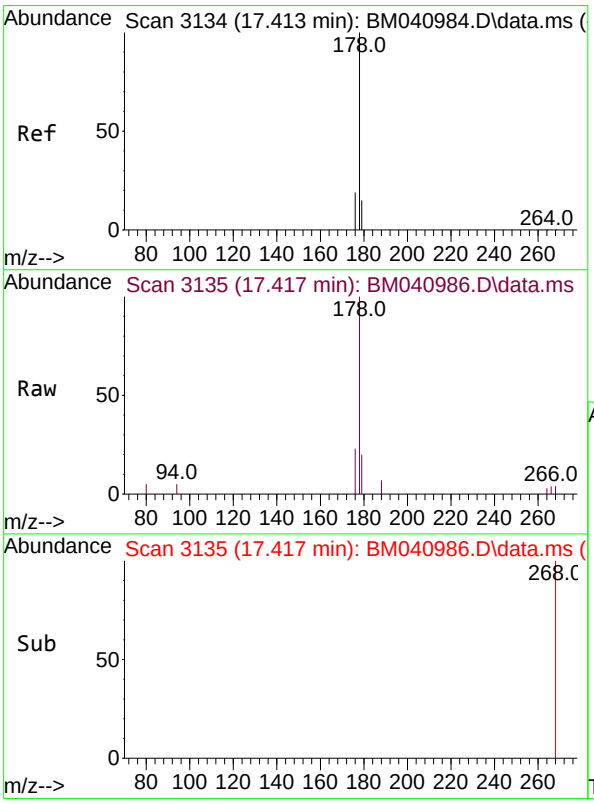
#15
Phenanthrene
Concen: 0.340 ng/ul
RT: 17.324 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM040986.D
Acq: 20 Jul 2023 17:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 4733

Ion	Ratio	Lower	Upper
178	100		
179	18.1	13.0	19.6
176	21.7	16.2	24.4

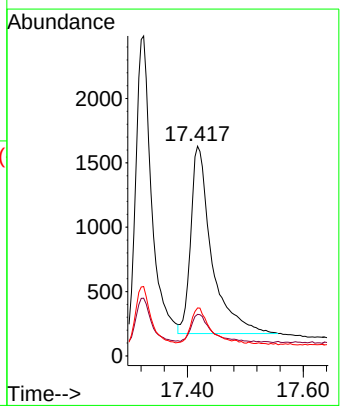


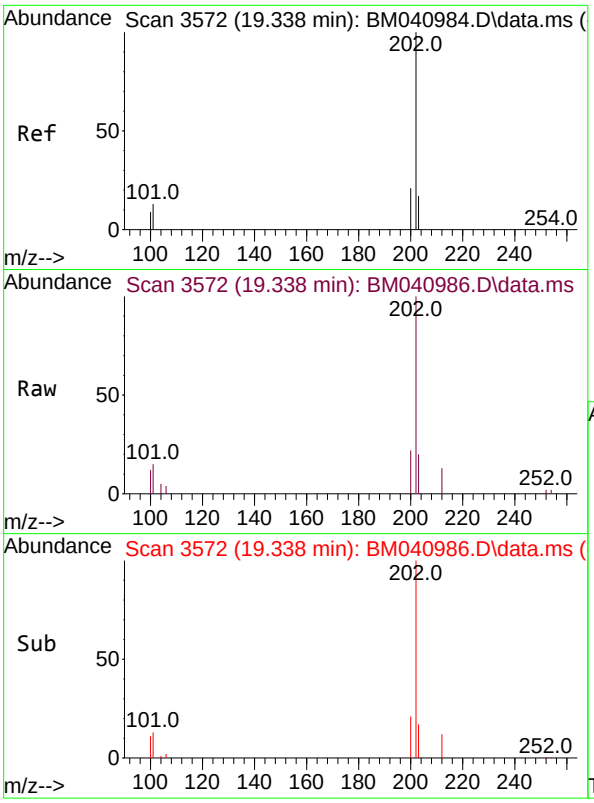


#16
Anthracene
Concen: 0.337 ng/ul
RT: 17.417 min Scan# 3135
Delta R.T. -0.004 min
Lab File: BM040986.D
Acq: 20 Jul 2023 17:59

Tgt Ion:178 Resp: 3654

Ion	Ratio	Lower	Upper
178	100		
179	19.8	13.7	20.5
176	22.8	16.4	24.6



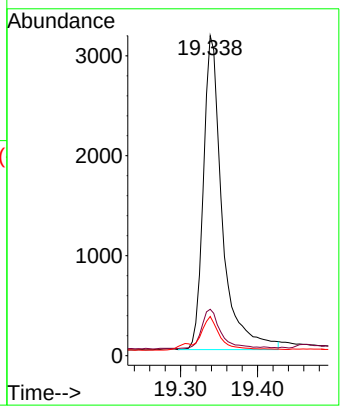


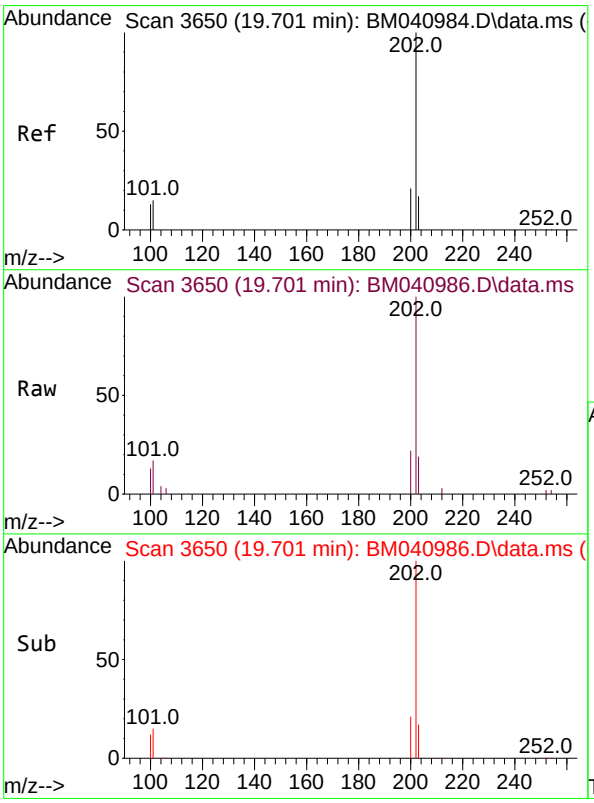
#19
Fluoranthene
Concen: 0.272 ng/ul
RT: 19.338 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM040986.D
Acq: 20 Jul 2023 17:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 5350

Ion	Ratio	Lower	Upper
202	100		
101	14.5	11.0	16.4
100	12.2	8.3	12.5

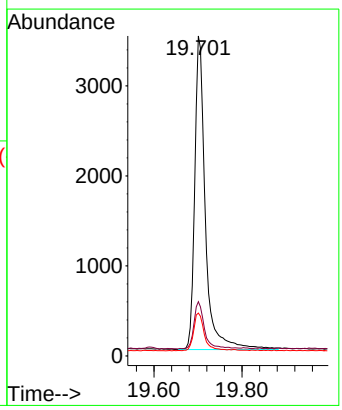


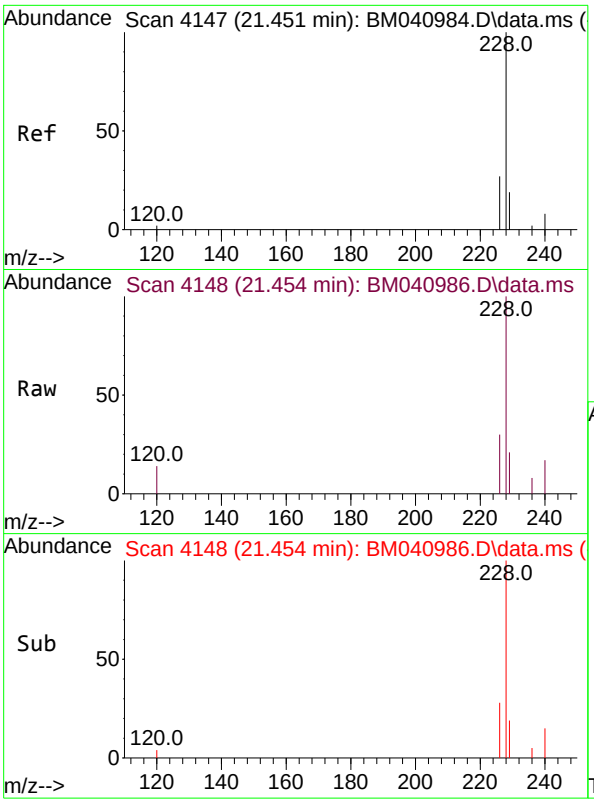


#20
Pyrene
Concen: 0.292 ng/ul
RT: 19.701 min Scan# 3650
Delta R.T. -0.005 min
Lab File: BM040986.D
Acq: 20 Jul 2023 17:59

Tgt Ion:202 Resp: 5871

Ion	Ratio	Lower	Upper
202	100		
101	17.0	12.5	18.7
100	13.4	10.0	15.0



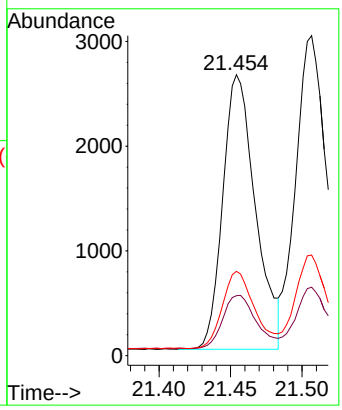


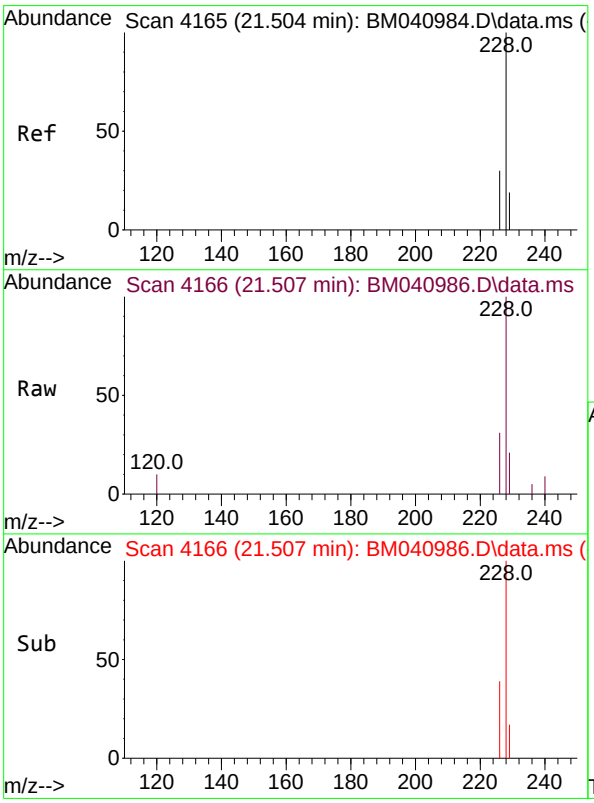
#21
Benzo(a)anthracene
Concen: 0.360 ng/ul
RT: 21.454 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM040986.D
Acq: 20 Jul 2023 17:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 4177

Ion	Ratio	Lower	Upper
228	100		
229	21.3	16.2	24.4
226	30.0	22.3	33.5

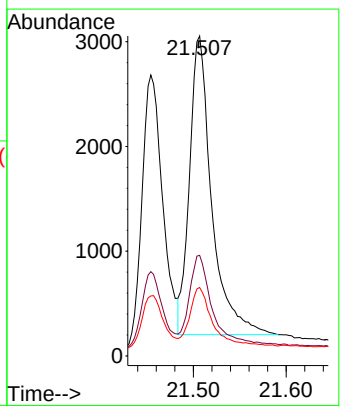


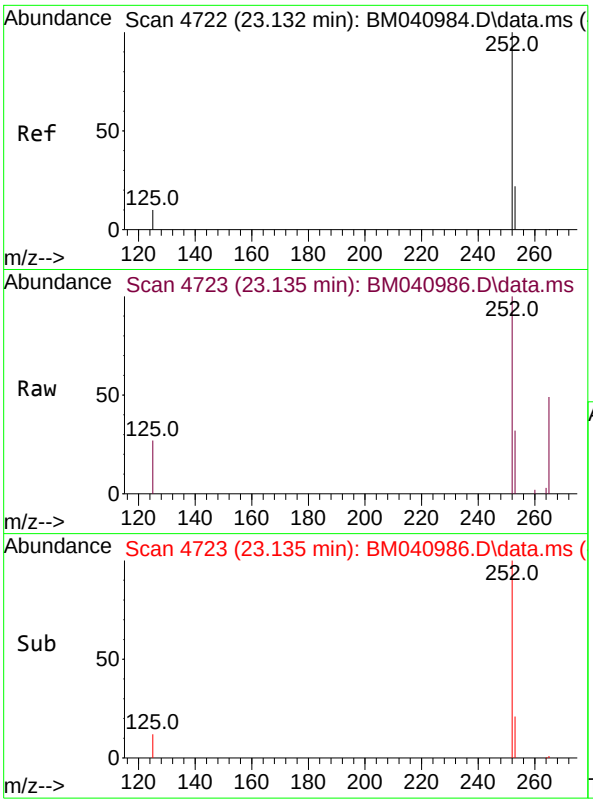


#22
Chrysene
Concen: 0.358 ng/ul
RT: 21.507 min Scan# 4166
Delta R.T. 0.000 min
Lab File: BM040986.D
Acq: 20 Jul 2023 17:59

Tgt Ion:228 Resp: 4749

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.6	37.0
229	21.4	16.1	24.1



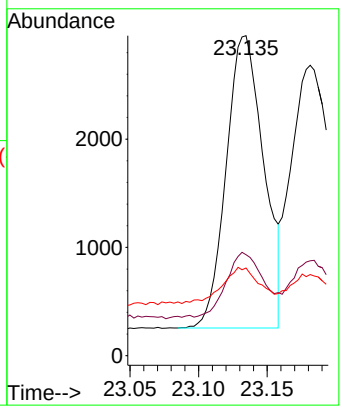


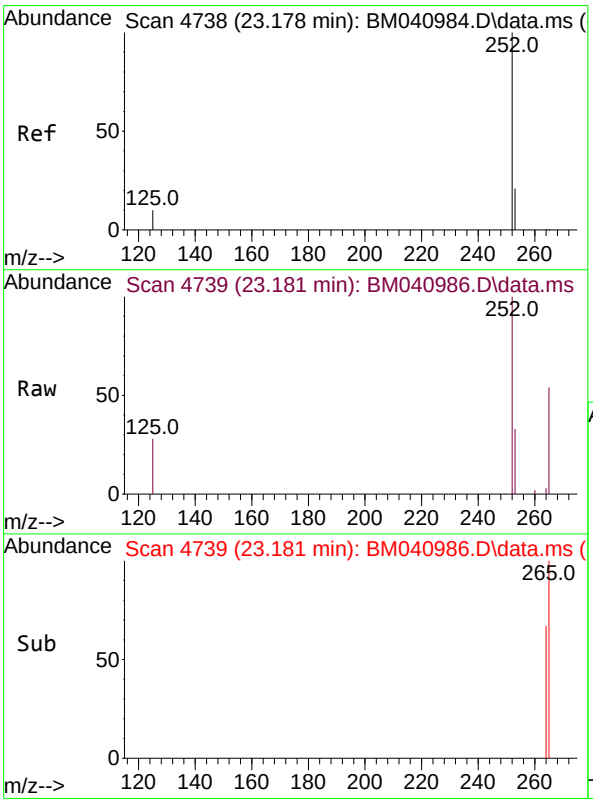
#24
Benzo(b)fluoranthene
Concen: 0.321 ng/ul
RT: 23.135 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM040986.D
Acq: 20 Jul 2023 17:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 5156

Ion	Ratio	Lower	Upper
252	100		
253	31.6	0.0	57.4
125	27.4	0.0	45.2

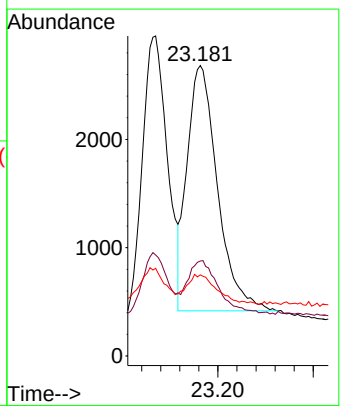


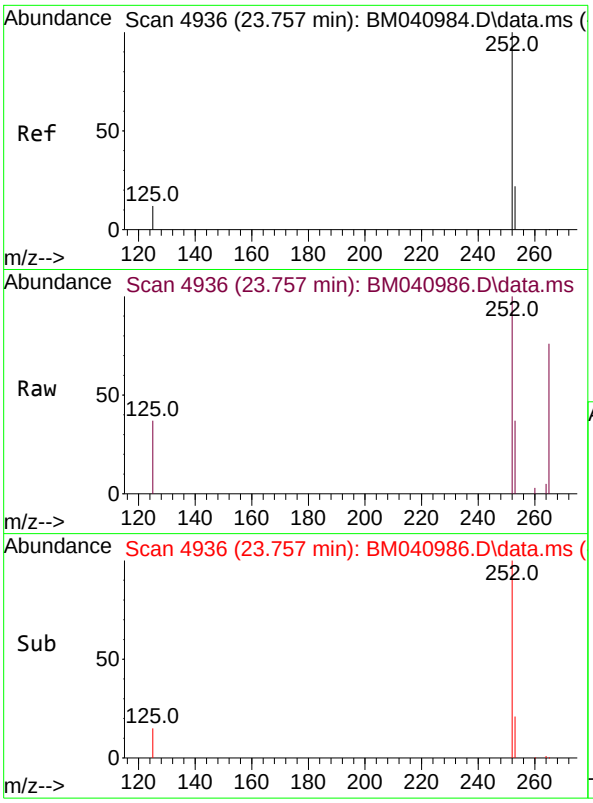


#25
Benzo(k)fluoranthene
Concen: 0.330 ng/ul
RT: 23.181 min Scan# 4739
Delta R.T. -0.006 min
Lab File: BM040986.D
Acq: 20 Jul 2023 17:59

Tgt Ion:252 Resp: 5036

Ion	Ratio	Lower	Upper
252	100		
253	32.7	23.3	34.9
125	27.9	18.2	27.2#



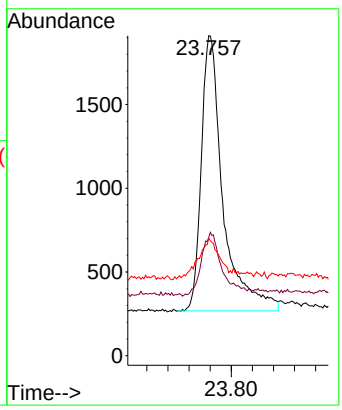


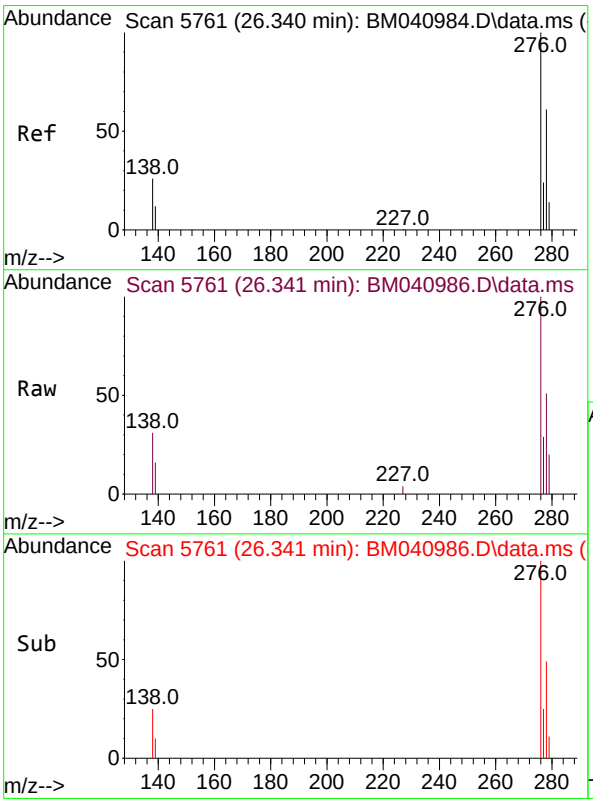
#26
Benzo(a)pyrene
Concen: 0.338 ng/ul
RT: 23.757 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM040986.D
Acq: 20 Jul 2023 17:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 4693

Ion	Ratio	Lower	Upper
252	100		
253	37.0	28.2	42.2
125	36.7	25.2	37.8

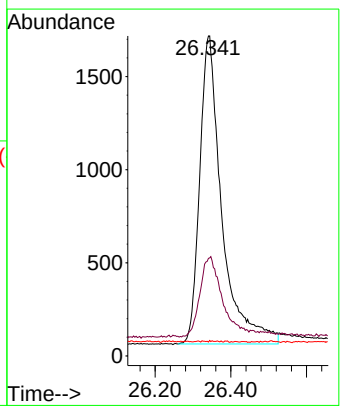


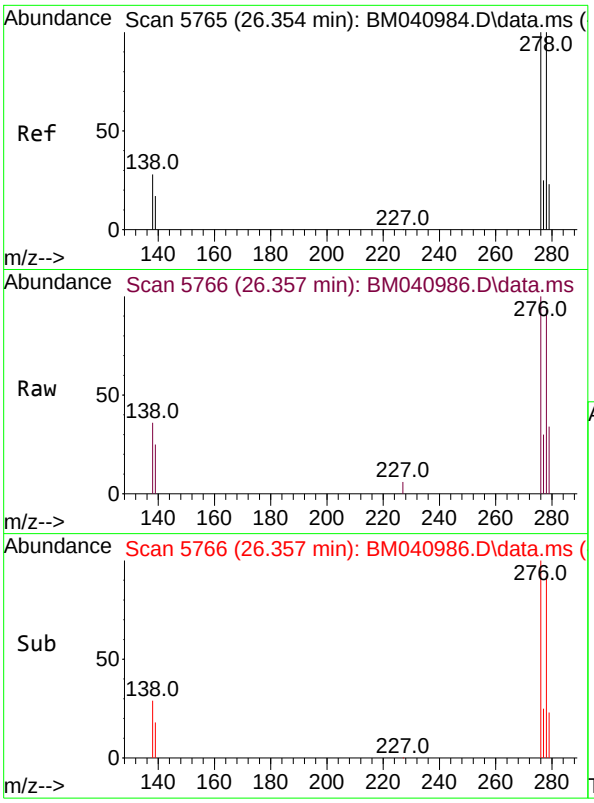


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.365 ng/ul
RT: 26.341 min Scan# 5761
Delta R.T. -0.010 min
Lab File: BM040986.D
Acq: 20 Jul 2023 17:59

Tgt Ion:276 Resp: 6730

Ion	Ratio	Lower	Upper
276	100		
138	27.9	22.3	33.5
227	0.1	0.0	0.0#



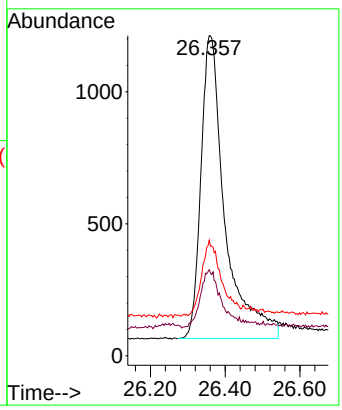


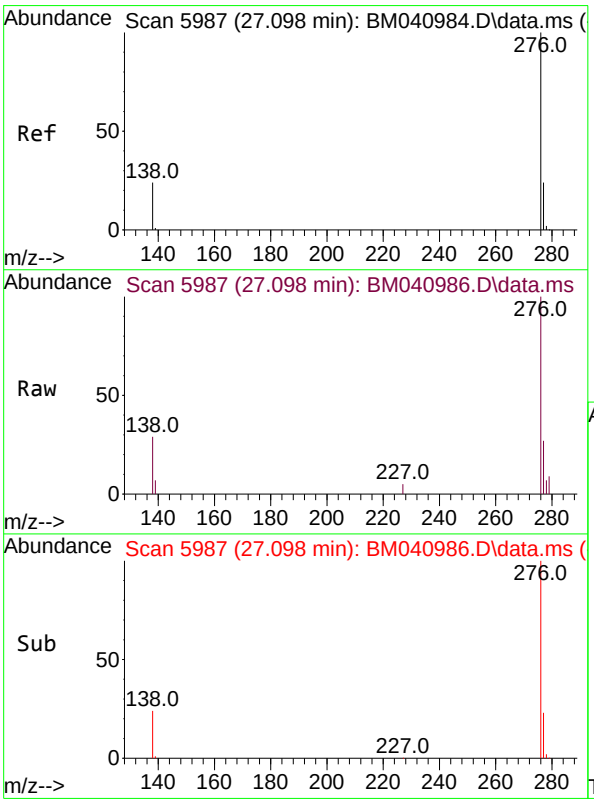
#28
Dibenzo(a,h)anthracene
Concen: 0.368 ng/ul
RT: 26.357 min Scan# 5
Delta R.T. -0.010 min
Lab File: BM040986.D
Acq: 20 Jul 2023 17:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 5137

Ion	Ratio	Lower	Upper
278	100		
139	26.9	19.2	28.8
279	36.1	27.0	40.6





#29
Benzo(g,h,i)perylene
Concen: 0.367 ng/ul
RT: 27.098 min Scan# 5987
Delta R.T. -0.003 min
Lab File: BM040986.D
Acq: 20 Jul 2023 17:59

Tgt Ion:276 Resp: 6249

Ion	Ratio	Lower	Upper
276	100		
138	29.4	22.6	34.0
277	27.1	21.2	31.8