Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121923\
Data File : BM043438.D
Acq On : 19 Dec 2023 21:53
Operator : MA/JU
Sample : PB157886BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS886

Quant Time: Dec 19 23:37:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 19 23:32:46 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.984	152	5783	0.400	ng/ul	0.00
4) Naphthalene-d8	10.790	136	16983	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.615	164	8405	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.358	188	17203	0.400	ng/ul	0.00
17) Chrysene-d12	21.533	240	13251	0.400	ng/ul	# 0.00
23) Perylene-d12	23.950	264	15199	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	5534	0.757	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.379	152	8524	0.354	ng/ul	0.00
18) Fluoranthene-d10	19.380	212	14708	0.311	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.414	88	16496	2.251	ng/ul#	79
5) Naphthalene	10.840	128	17318	0.339	ng/ul	99
7) 2-Methylnaphthalene	12.451	142	10504	0.319	ng/ul	99
8) 1-Methylnaphthalene	12.665	142	10206	0.309	ng/ul	99
10) Acenaphthylene	14.338	152	15763	0.341	ng/ul	99
11) Acenaphthene	14.675	153	11248	0.334	ng/ul	97
12) Fluorene	15.665	166	12290	0.322	ng/ul	98
14) Pentachlorophenol	17.008	266	3169	0.831	ng/ul	98
15) Phenanthrene	17.400	178	19783	0.345	ng/ul	99
16) Anthracene	17.493	178	18428	0.354	ng/ul	99
19) Fluoranthene	19.413	202	21693	0.290	ng/ul	96
20) Pyrene	19.771	202	22727	0.306	ng/ul	97
21) Benzo(a)anthracene	21.515	228	20784	0.357	ng/ul	99
22) Chrysene	21.571	228	21306	0.347	ng/ul	100
24) Benzo(b)fluoranthene	23.211	252	23179	0.336	ng/ul	93
25) Benzo(k)fluoranthene	23.260	252	23694	0.331	ng/ul#	91
26) Benzo(a)pyrene	23.842	252	21391	0.376	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.465	276	28862	0.445	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.488	278	23096	0.450	ng/ul	95
29) Benzo(g,h,i)perylene	27.233	276	24061	0.435	ng/ul	97

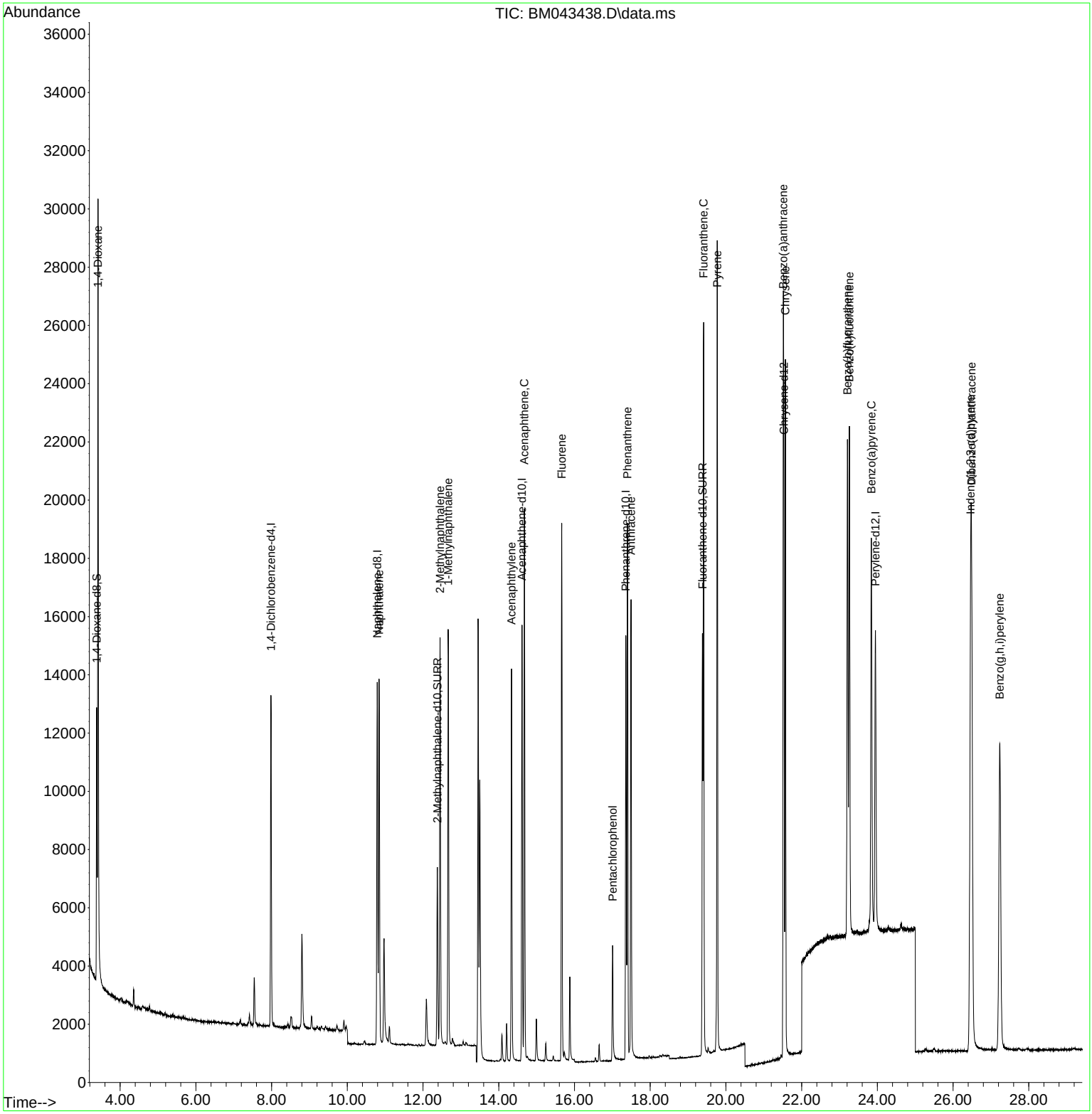
(#) = qualifier out of range (m) = manual integration (+) = signals summed

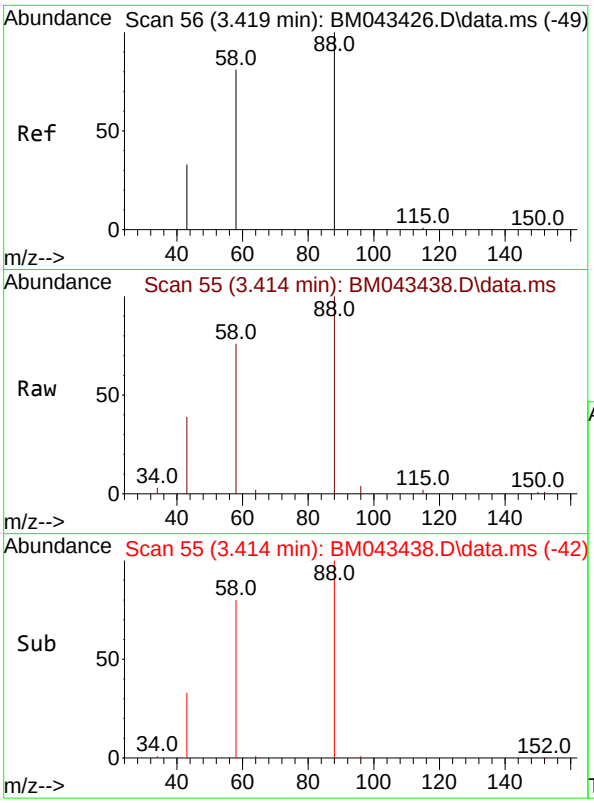
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121923\
Data File : BM043438.D
Acq On : 19 Dec 2023 21:53
Operator : MA/JU
Sample : PB157886BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS886

Quant Time: Dec 19 23:37:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 19 23:32:46 2023
Response via : Initial Calibration



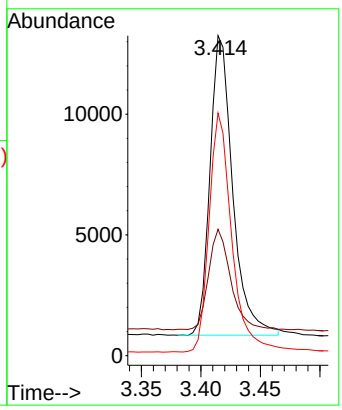


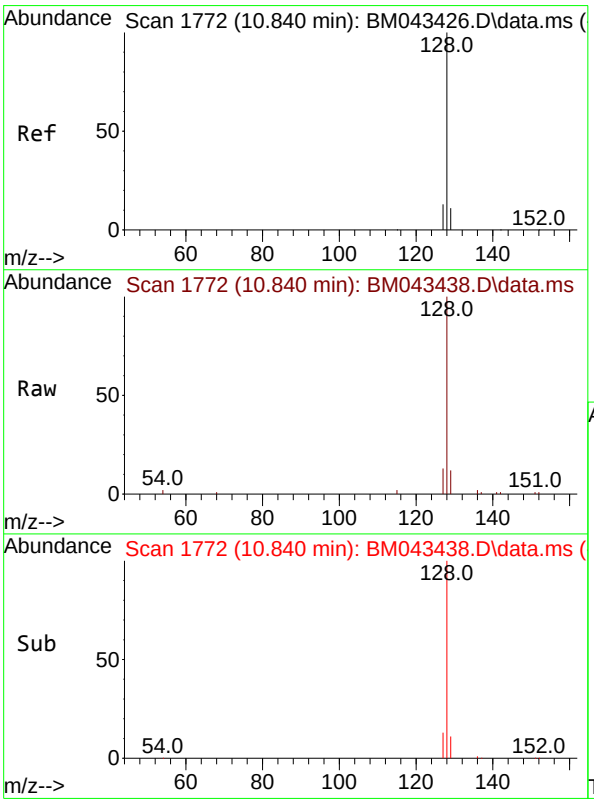
#2
1,4-Dioxane
Concen: 2.251 ng/ul
RT: 3.414 min Scan# 5
Delta R.T. -0.004 min
Lab File: BM043438.D
Acq: 19 Dec 2023 21:53

Instrument :
BNA_M
ClientSampleId :
SLCS886

Tgt Ion: 88 Resp: 16496

Ion	Ratio	Lower	Upper
88	100		
43	39.5	27.9	41.9
58	75.8	43.4	65.2#

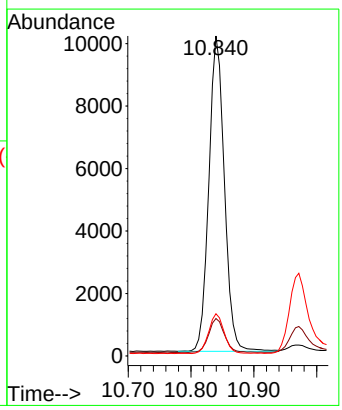


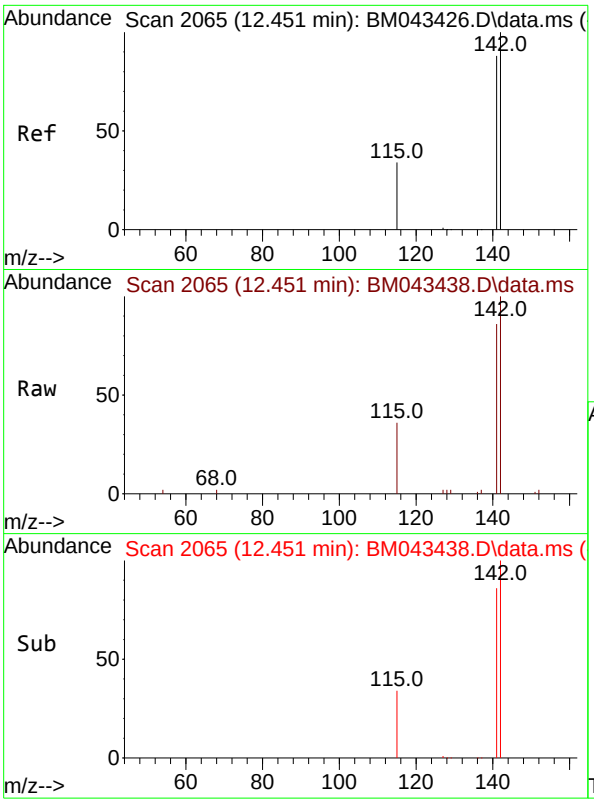


#5
Naphthalene
Concen: 0.339 ng/ul
RT: 10.840 min Scan# 1772
Delta R.T. -0.000 min
Lab File: BM043438.D
Acq: 19 Dec 2023 21:53

Tgt Ion:128 Resp: 17318

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.4
127	13.2	10.3	15.5



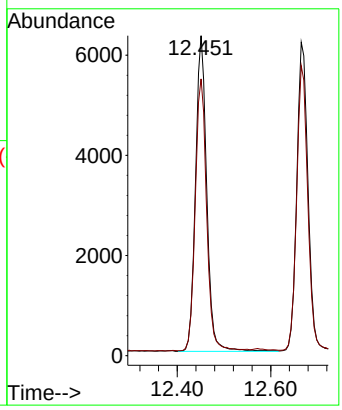


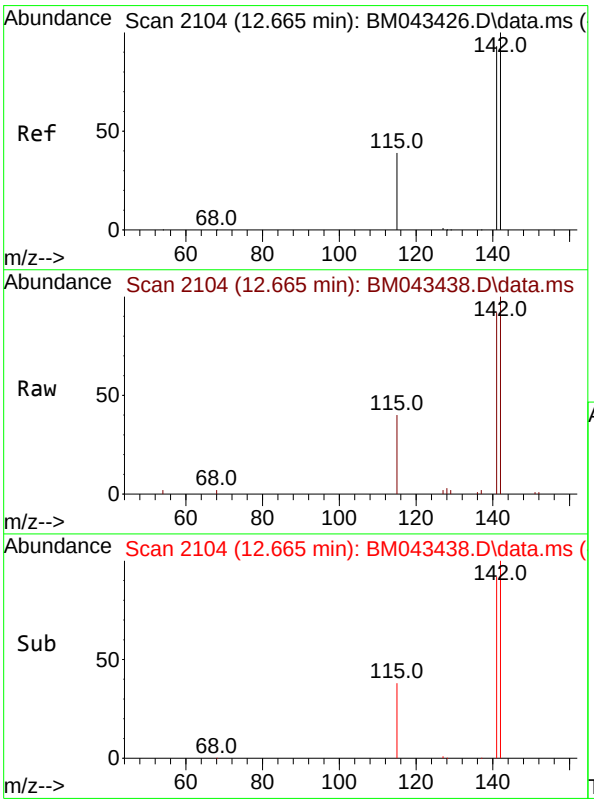
#7
2-Methylnaphthalene
Concen: 0.319 ng/ul
RT: 12.451 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM043438.D
Acq: 19 Dec 2023 21:53

Instrument :
BNA_M
ClientSampleId :
SLCS886

Tgt Ion:142 Resp: 10504

Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.9	106.3

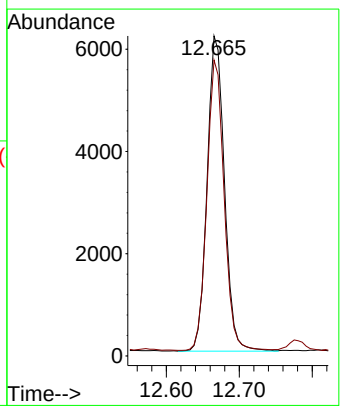


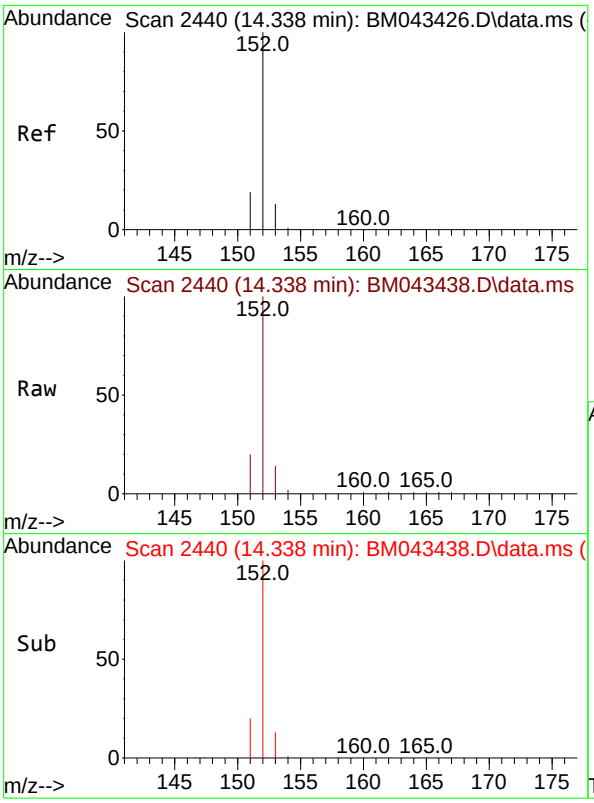


#8
1-Methylnaphthalene
Concen: 0.309 ng/ul
RT: 12.665 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BM043438.D
Acq: 19 Dec 2023 21:53

Tgt Ion:142 Resp: 10206

Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.7	110.5



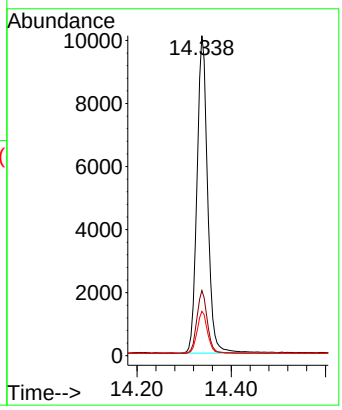


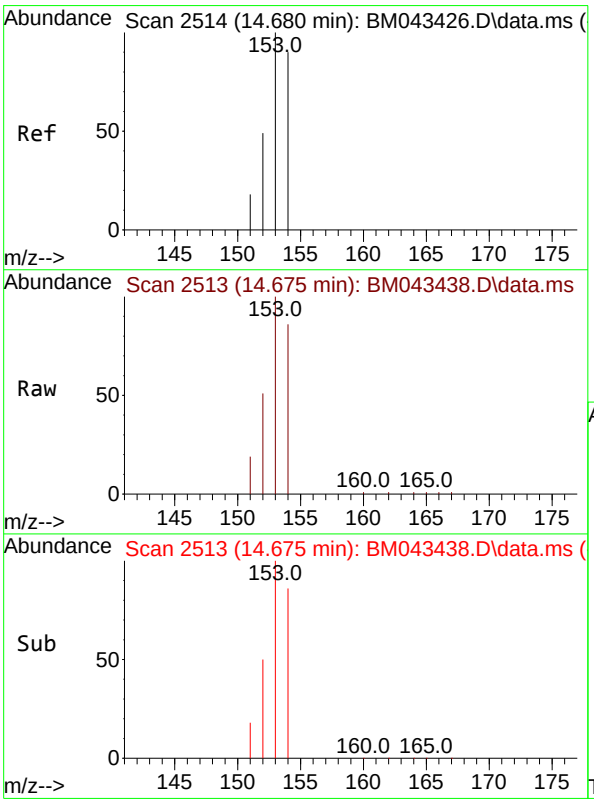
#10
Acenaphthylene
Concen: 0.341 ng/ul
RT: 14.338 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM043438.D
Acq: 19 Dec 2023 21:53

Instrument :
BNA_M
ClientSampleId :
SLCS886

Tgt Ion:152 Resp: 15763

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2
153	13.8	10.4	15.6

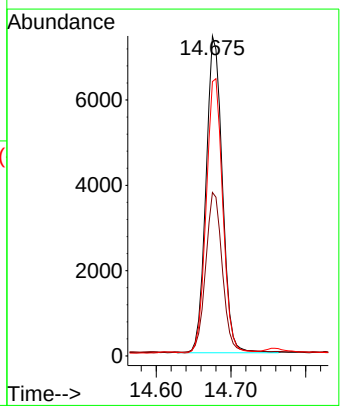


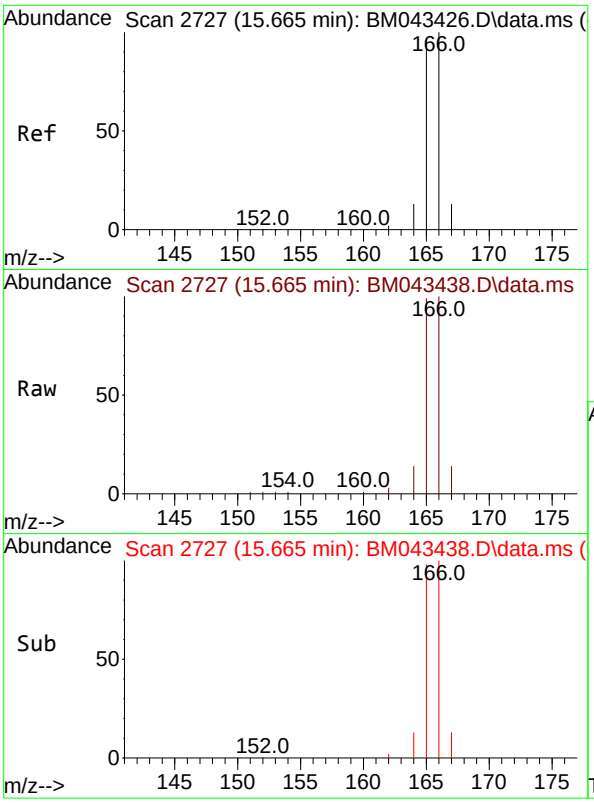


#11
Acenaphthene
Concen: 0.334 ng/ul
RT: 14.675 min Scan# 2513
Delta R.T. -0.005 min
Lab File: BM043438.D
Acq: 19 Dec 2023 21:53

Tgt Ion:153 Resp: 11248

Ion	Ratio	Lower	Upper
153	100		
152	51.1	42.1	63.1
154	85.7	71.3	106.9



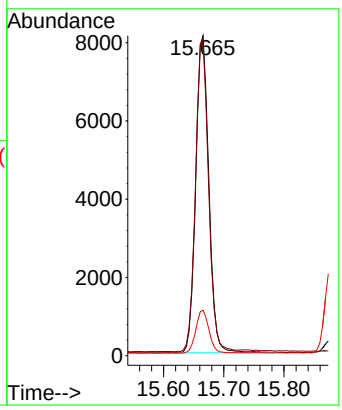


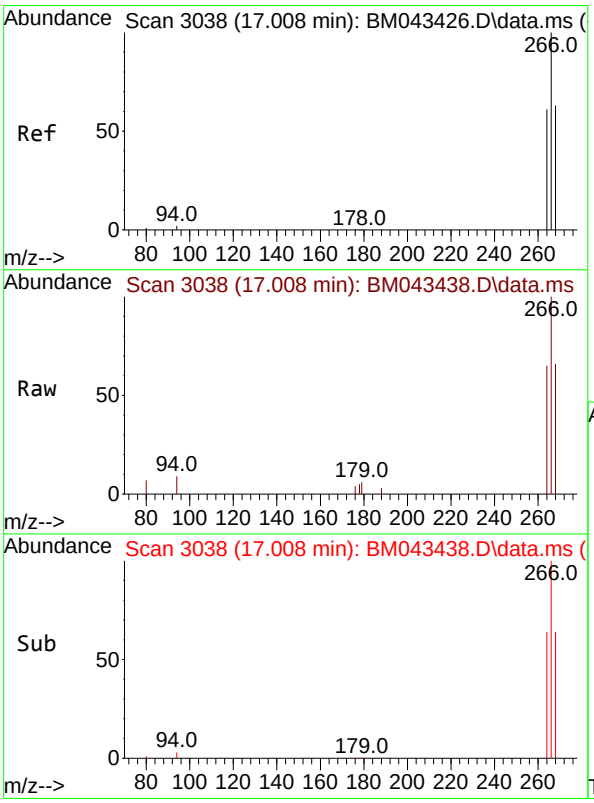
#12
Fluorene
Concen: 0.322 ng/ul
RT: 15.665 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM043438.D
Acq: 19 Dec 2023 21:53

Instrument :
BNA_M
ClientSampleId :
SLCS886

Tgt Ion:166 Resp: 12290

Ion	Ratio	Lower	Upper
166	100		
165	98.8	80.3	120.5
167	14.2	10.8	16.2

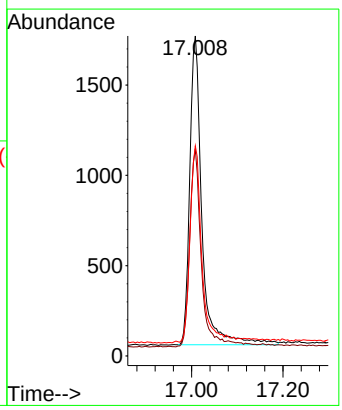


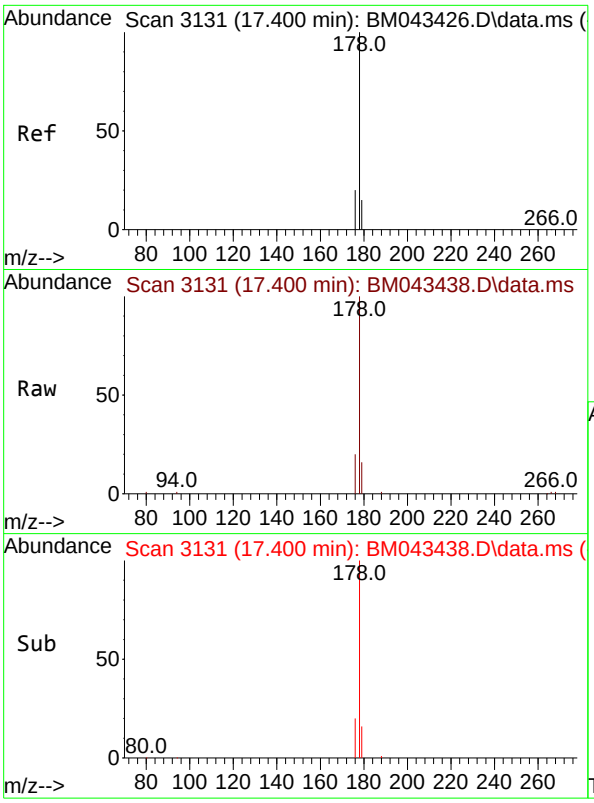


#14
Pentachlorophenol
Concen: 0.831 ng/ul
RT: 17.008 min Scan# 3038
Delta R.T. -0.000 min
Lab File: BM043438.D
Acq: 19 Dec 2023 21:53

Tgt Ion:266 Resp: 3169

Ion	Ratio	Lower	Upper
266	100		
264	62.1	51.7	77.5
268	64.2	51.9	77.9



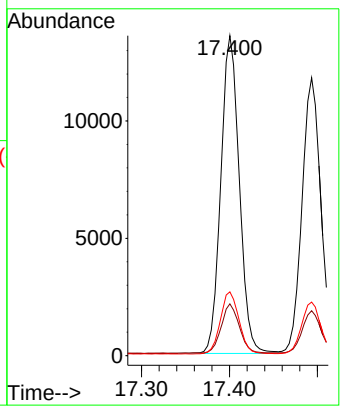


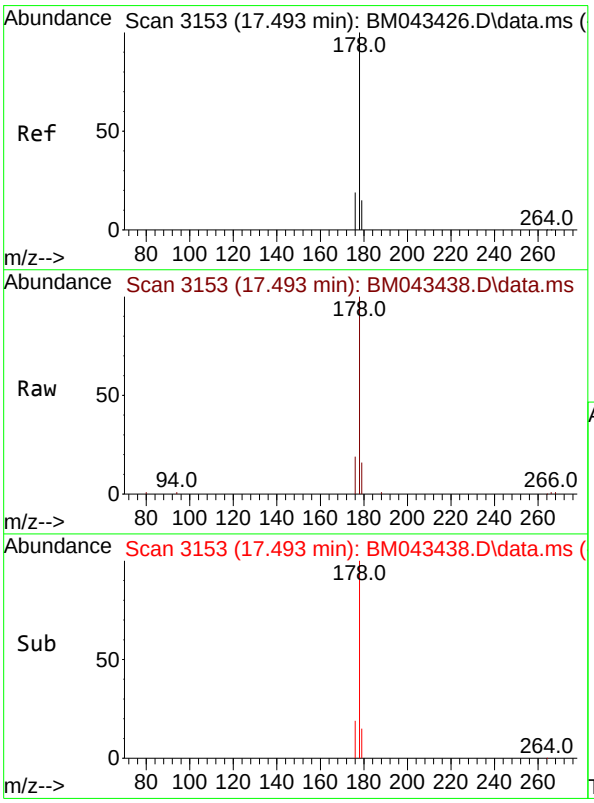
#15
Phenanthrene
Concen: 0.345 ng/ul
RT: 17.400 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM043438.D
Acq: 19 Dec 2023 21:53

Instrument :
BNA_M
ClientSampleId :
SLCS886

Tgt Ion:178 Resp: 19783

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.4	18.6
176	20.0	16.2	24.2

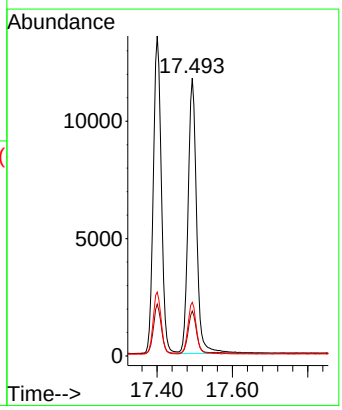


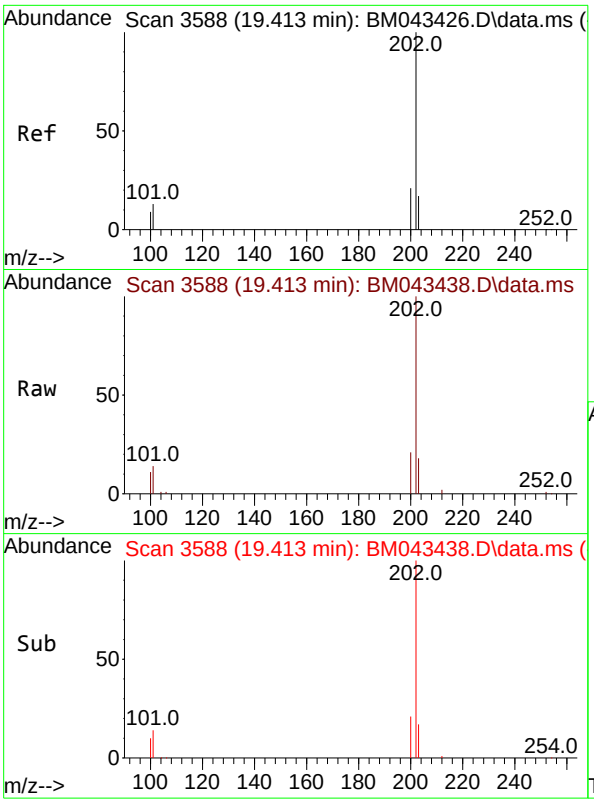


#16
Anthracene
Concen: 0.354 ng/ul
RT: 17.493 min Scan# 3153
Delta R.T. -0.000 min
Lab File: BM043438.D
Acq: 19 Dec 2023 21:53

Tgt Ion:178 Resp: 18428

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.6	18.8
176	19.3	15.6	23.4



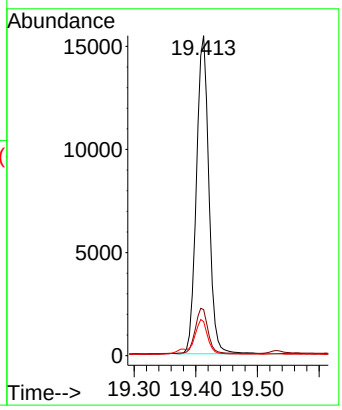


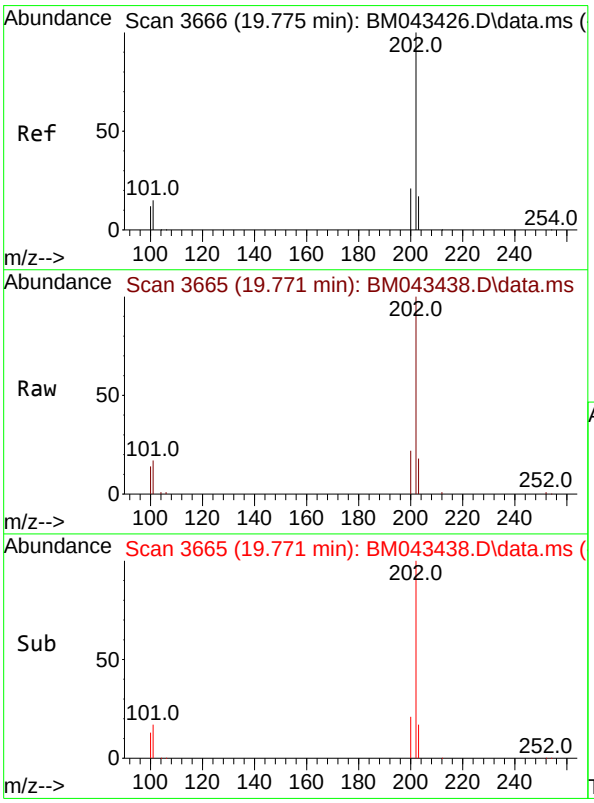
#19
Fluoranthene
Concen: 0.290 ng/ul
RT: 19.413 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM043438.D
Acq: 19 Dec 2023 21:53

Instrument :
BNA_M
ClientSampleId :
SLCS886

Tgt Ion:202 Resp: 21693

Ion	Ratio	Lower	Upper
202	100		
101	14.4	10.1	15.1
100	10.6	7.4	11.2

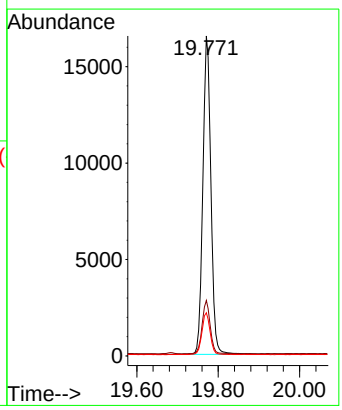


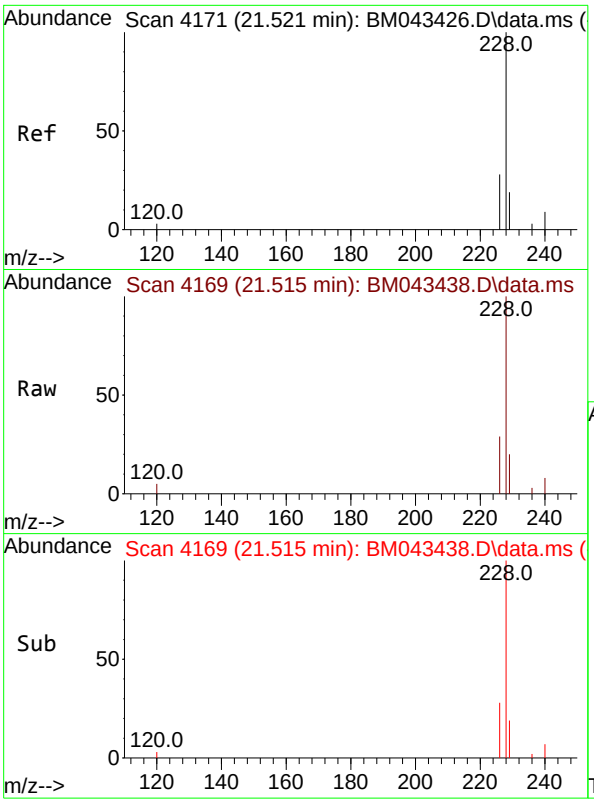


#20
Pyrene
Concen: 0.306 ng/ul
RT: 19.771 min Scan# 3665
Delta R.T. -0.005 min
Lab File: BM043438.D
Acq: 19 Dec 2023 21:53

Tgt Ion:202 Resp: 22727

Ion	Ratio	Lower	Upper
202	100		
101	17.3	12.7	19.1
100	13.5	9.8	14.8



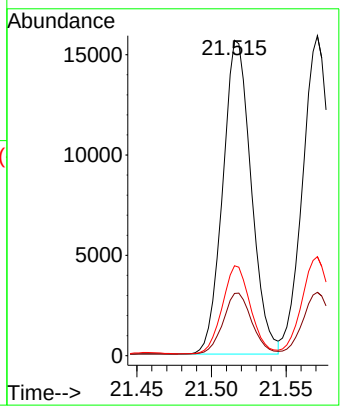


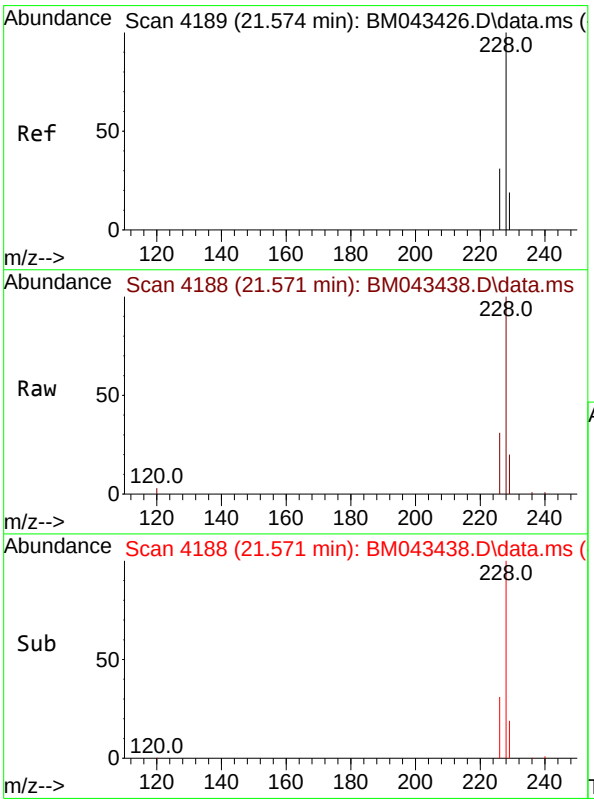
#21
Benzo(a)anthracene
Concen: 0.357 ng/ul
RT: 21.515 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM043438.D
Acq: 19 Dec 2023 21:53

Instrument :
BNA_M
ClientSampleId :
SLCS886

Tgt Ion:228 Resp: 20784

Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.5	23.3
226	28.5	22.6	34.0

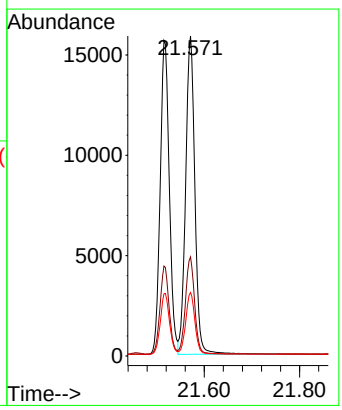


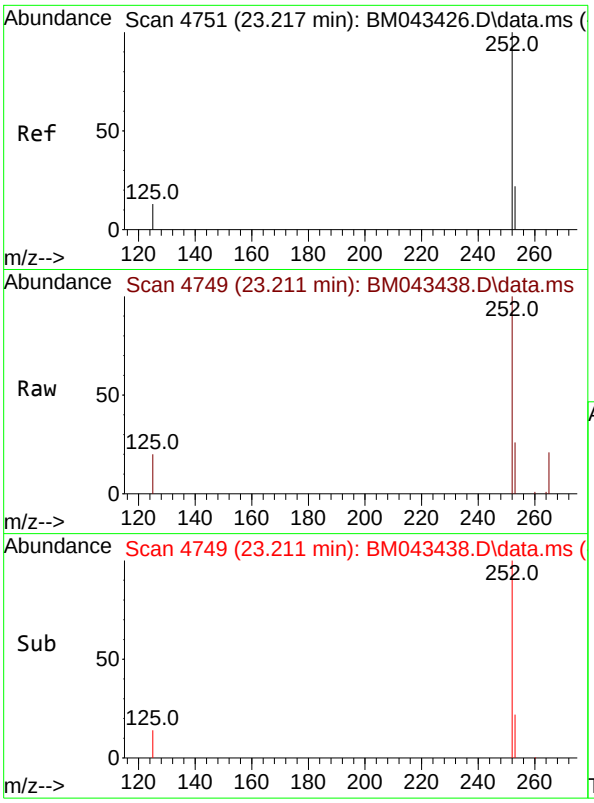


#22
Chrysene
Concen: 0.347 ng/ul
RT: 21.571 min Scan# 4188
Delta R.T. -0.003 min
Lab File: BM043438.D
Acq: 19 Dec 2023 21:53

Tgt Ion:228 Resp: 21306

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.8	37.2
229	19.8	15.7	23.5



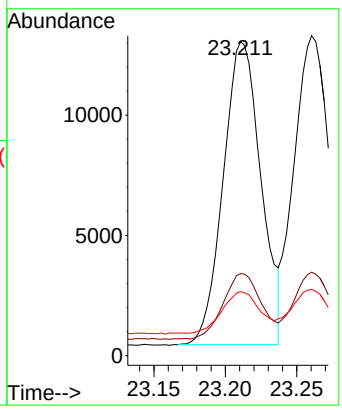


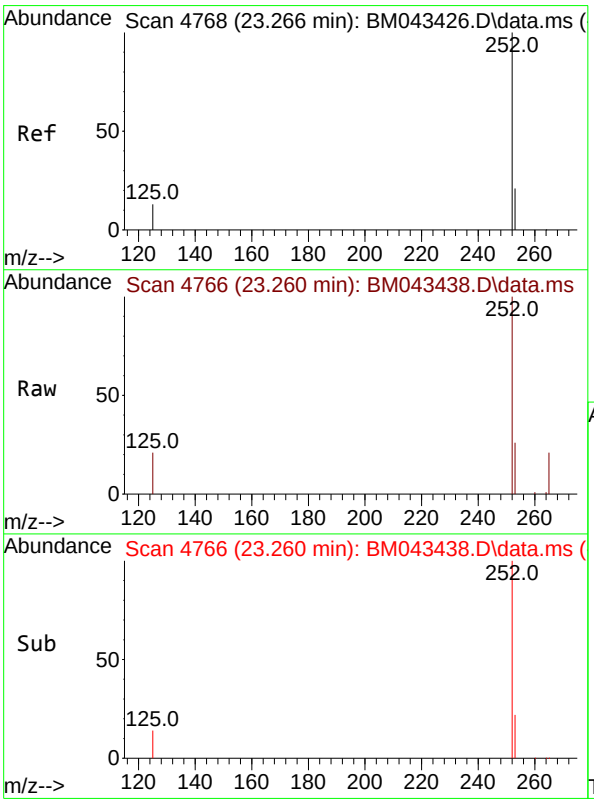
#24
Benzo(b)fluoranthene
Concen: 0.336 ng/ul
RT: 23.211 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM043438.D
Acq: 19 Dec 2023 21:53

Instrument :
BNA_M
ClientSampleId :
SLCS886

Tgt Ion:252 Resp: 23179

Ion	Ratio	Lower	Upper
252	100		
253	26.1	0.0	48.8
125	20.4	0.0	29.2

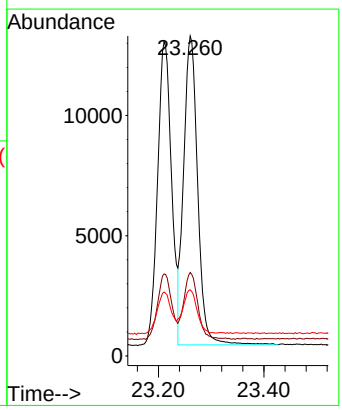


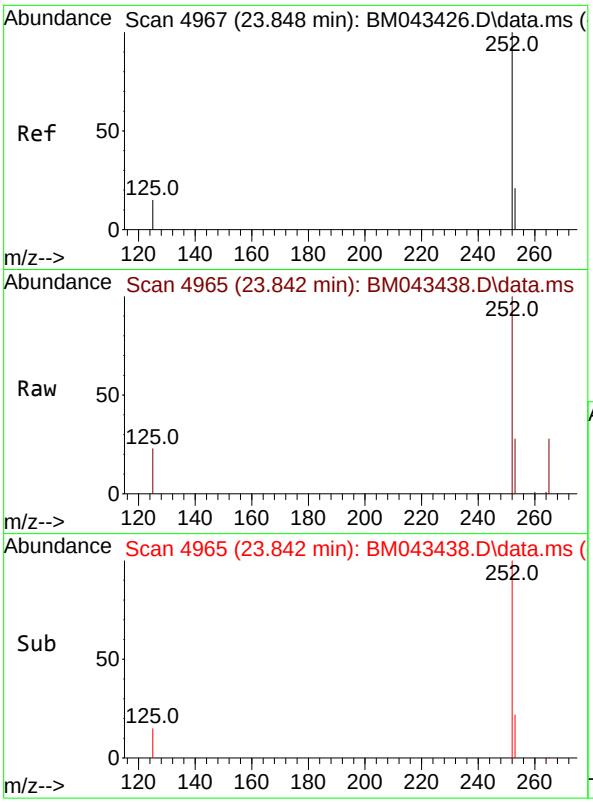


#25
Benzo(k)fluoranthene
Concen: 0.331 ng/ul
RT: 23.260 min Scan# 4766
Delta R.T. -0.006 min
Lab File: BM043438.D
Acq: 19 Dec 2023 21:53

Tgt Ion:252 Resp: 23694

Ion	Ratio	Lower	Upper
252	100		
253	26.1	18.6	28.0
125	20.7	11.8	17.8#



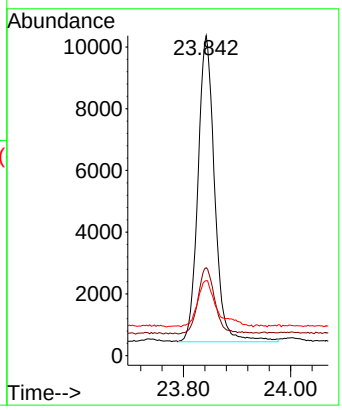


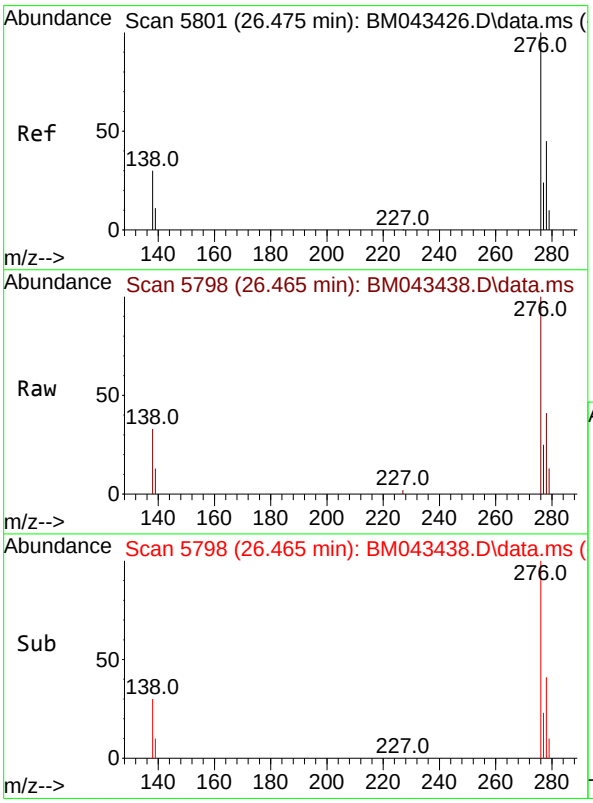
#26
Benzo(a)pyrene
Concen: 0.376 ng/ul
RT: 23.842 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM043438.D
Acq: 19 Dec 2023 21:53

Instrument :
BNA_M
ClientSampleId :
SLCS886

Tgt Ion:252 Resp: 21391

Ion	Ratio	Lower	Upper
252	100		
253	27.5	20.2	30.2
125	23.5	13.5	20.3#

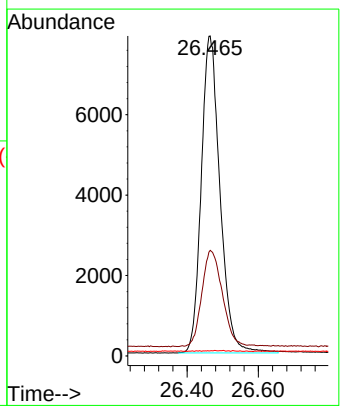


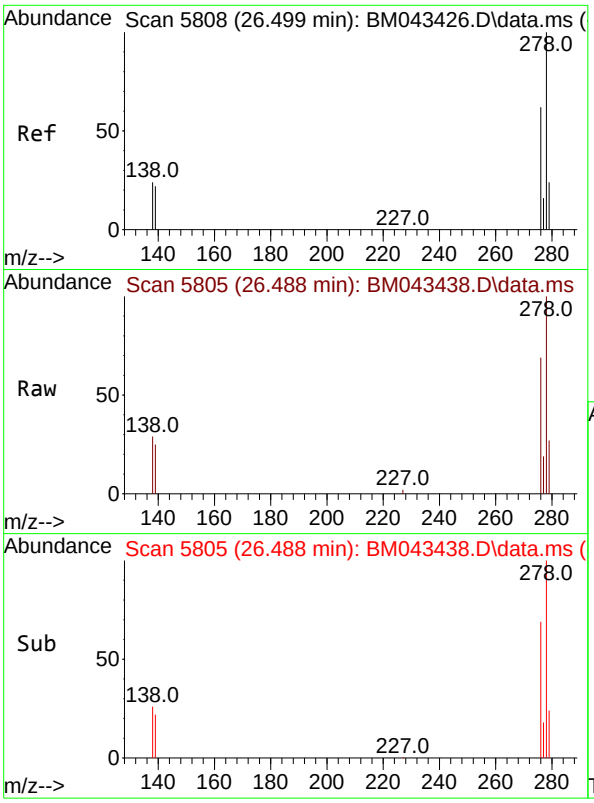


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.445 ng/ul
RT: 26.465 min Scan# 5798
Delta R.T. -0.011 min
Lab File: BM043438.D
Acq: 19 Dec 2023 21:53

Tgt Ion:276 Resp: 28862

Ion	Ratio	Lower	Upper
276	100		
138	32.9	24.6	36.8
227	0.2	0.0	0.0#



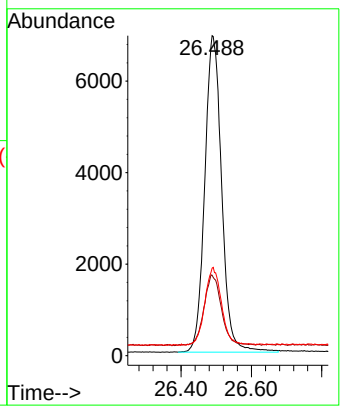


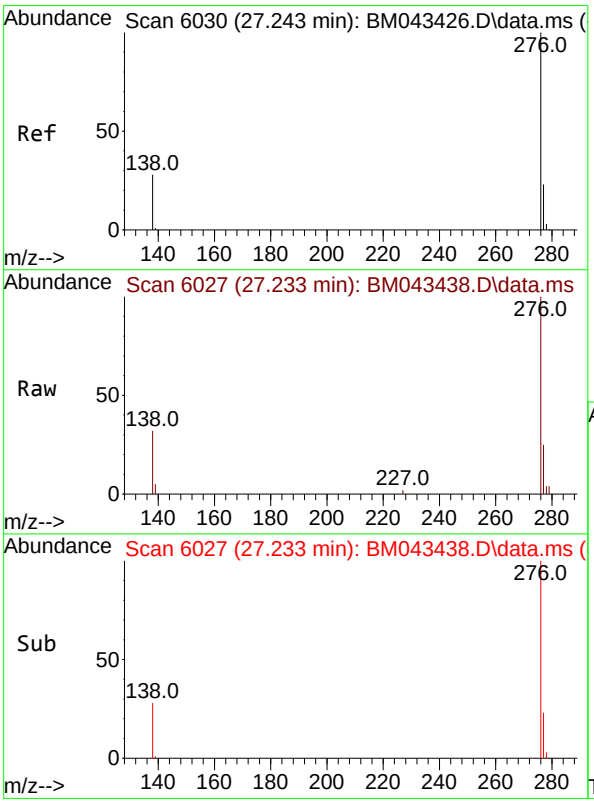
#28
Dibenzo(a,h)anthracene
Concen: 0.450 ng/ul
RT: 26.488 min Scan# 5
Delta R.T. -0.011 min
Lab File: BM043438.D
Acq: 19 Dec 2023 21:53

Instrument :
BNA_M
ClientSampleId :
SLCS886

Tgt Ion:278 Resp: 23096

Ion	Ratio	Lower	Upper
278	100		
139	25.1	17.4	26.2
279	27.4	20.9	31.3





#29
Benzo(g,h,i)perylene
Concen: 0.435 ng/ul
RT: 27.233 min Scan# 6027
Delta R.T. -0.011 min
Lab File: BM043438.D
Acq: 19 Dec 2023 21:53

Tgt Ion:276 Resp: 24061

Ion	Ratio	Lower	Upper
276	100		
138	31.7	23.1	34.7
277	24.6	19.4	29.0