Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011624\
Data File : BM043852.D
Acq On : 15 Jan 2024 22:12
Operator : MA/JU
Sample : PB158384BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS384

Quant Time: Jan 16 00:42:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM011024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 10 15:40:11 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.954	152	6	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.768	136	9	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.592	164	10	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.358	188	37	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.548	240	284	0.400	ng/ul	# 0.00
23) Perylene-d12	23.985	264	97	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.360	96	4702	648.088	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.374	152	7894	606.860	ng/ul	0.00
18) Fluoranthene-d10	19.380	212	15916	17.333	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	14371	1862.735	ng/ul#	83
5) Naphthalene	10.834	128	16463	637.095	ng/ul	99
7) 2-Methylnaphthalene	12.451	142	10666	628.176	ng/ul	100
8) 1-Methylnaphthalene	12.654	142	10543	611.582	ng/ul	99
10) Acenaphthylene	14.324	152	18064	337.041	ng/ul	99
11) Acenaphthene	14.666	153	13369	343.094	ng/ul	99
12) Fluorene	15.661	166	14982	335.567	ng/ul	100
14) Pentachlorophenol	17.016	266	3672	313.128	ng/ul	99
15) Phenanthrene	17.400	178	22725	193.379	ng/ul	99
16) Anthracene	17.498	178	21880	195.562	ng/ul	99
19) Fluoranthene	19.413	202	25568	18.184	ng/ul	98
20) Pyrene	19.775	202	26268	17.935	ng/ul	97
21) Benzo(a)anthracene	21.533	228	18765	15.226	ng/ul	99
22) Chrysene	21.583	228	23464	17.677	ng/ul	100
24) Benzo(b)fluoranthene	23.234	252	19385	49.033	ng/ul	97
25) Benzo(k)fluoranthene	23.281	252	23408	53.679	ng/ul#	94
26) Benzo(a)pyrene	23.874	252	19435	52.460	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.505	276	24142	51.523	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.525	278	18617	51.286	ng/ul	96
29) Benzo(g,h,i)perylene	27.276	276	20564	52.479	ng/ul	97

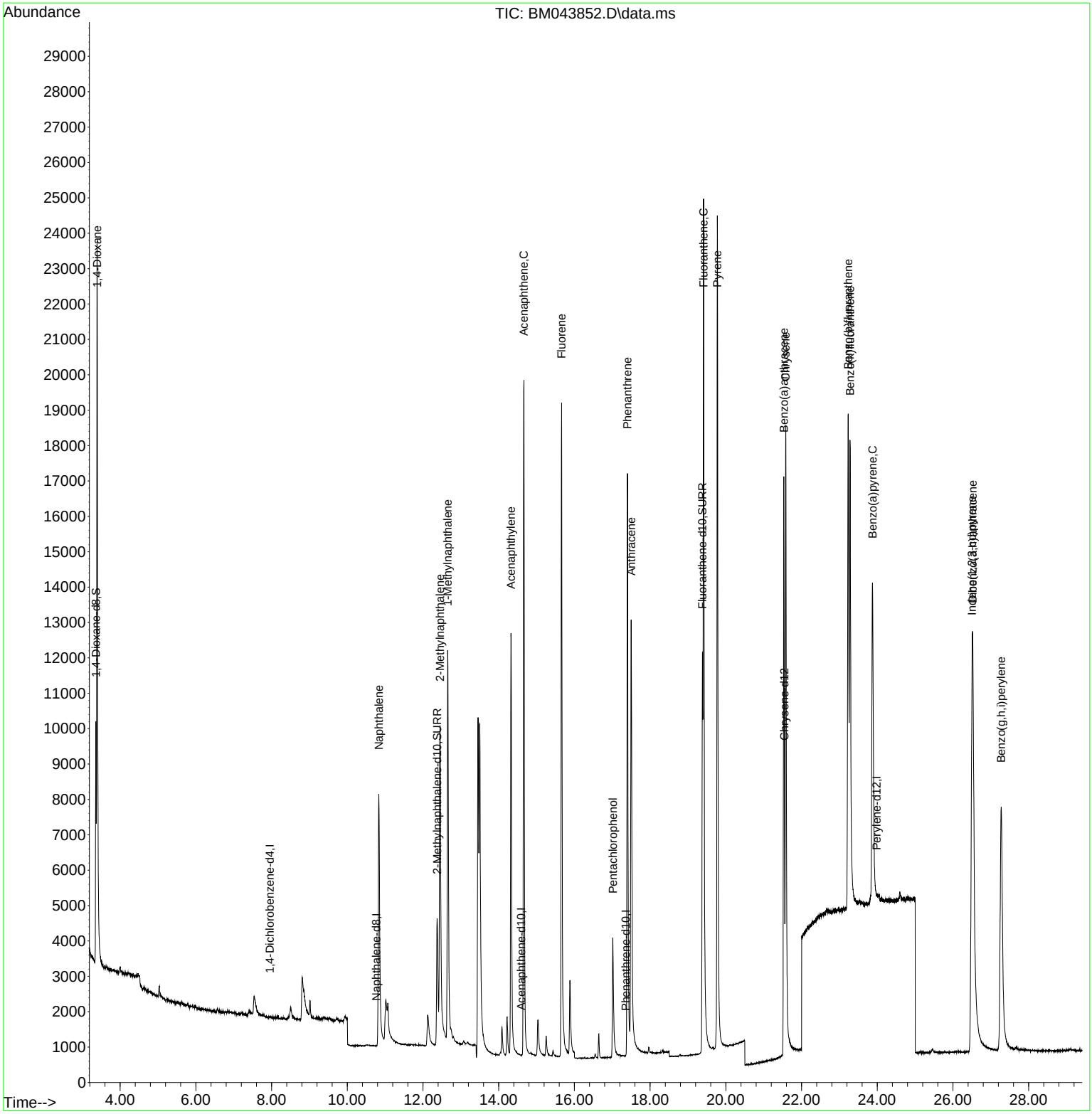
(#) = qualifier out of range (m) = manual integration (+) = signals summed

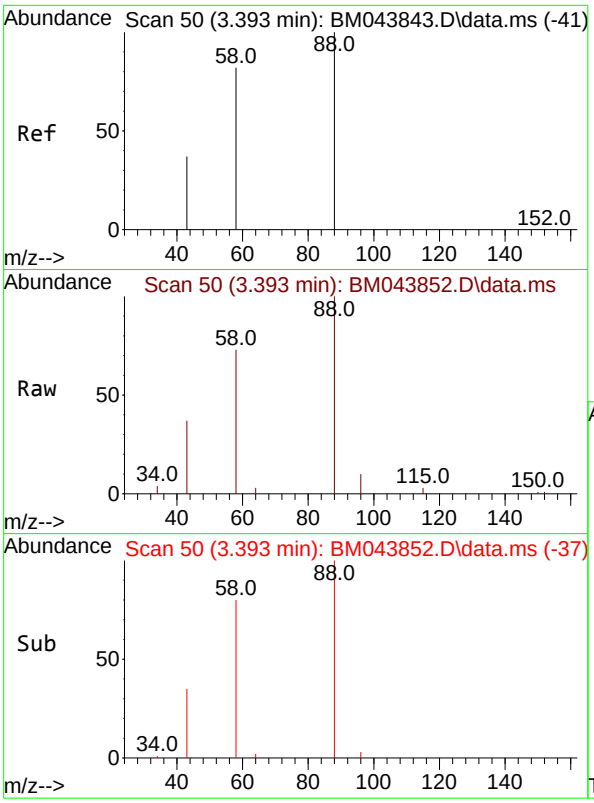
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011624\
Data File : BM043852.D
Acq On : 15 Jan 2024 22:12
Operator : MA/JU
Sample : PB158384BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS384

Quant Time: Jan 16 00:42:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM011024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 10 15:40:11 2024
Response via : Initial Calibration



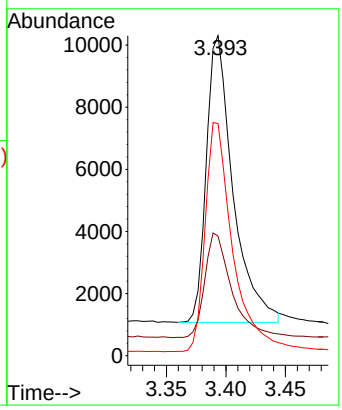


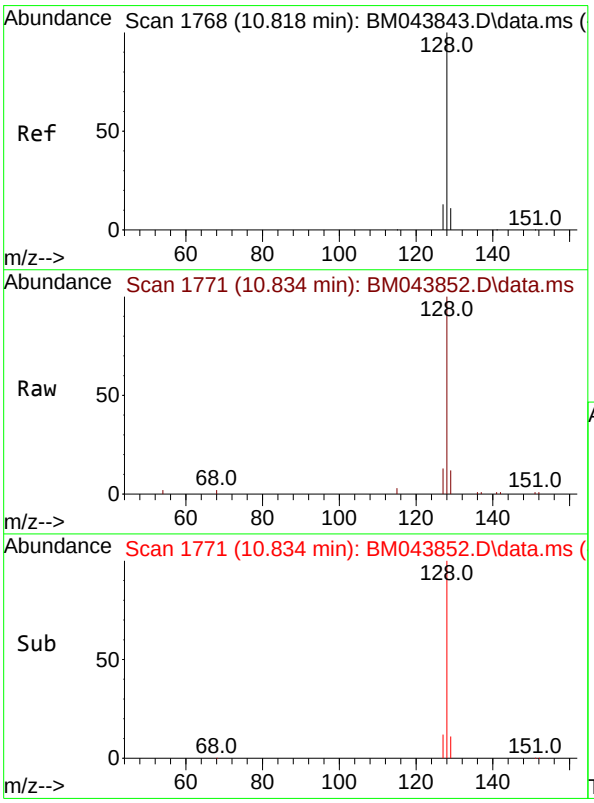
#2
1,4-Dioxane
Concen: 1862.735 ng/ul
RT: 3.393 min Scan# 5
Delta R.T. -0.004 min
Lab File: BM043852.D
Acq: 15 Jan 2024 22:12

Instrument :
BNA_M
ClientSampleId :
SLCS384

Tgt Ion: 88 Resp: 14371

Ion	Ratio	Lower	Upper
88	100		
43	37.4	42.1	63.1#
58	72.5	50.2	75.2

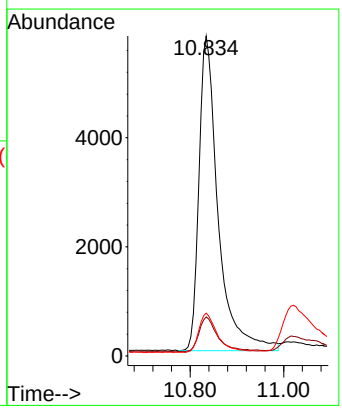


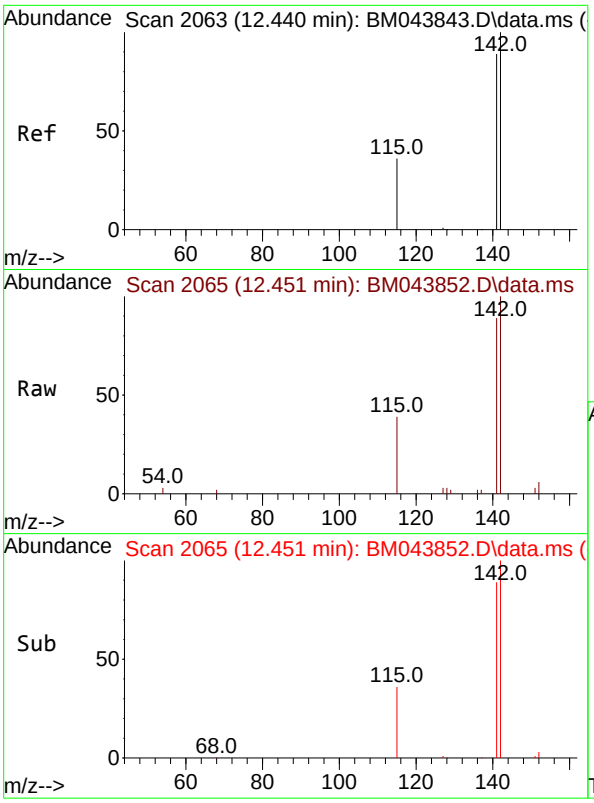


#5
Naphthalene
Concen: 637.095 ng/ul
RT: 10.834 min Scan# 1771
Delta R.T. 0.011 min
Lab File: BM043852.D
Acq: 15 Jan 2024 22:12

Tgt Ion:128 Resp: 16463

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.4	14.0
127	13.4	10.6	15.8



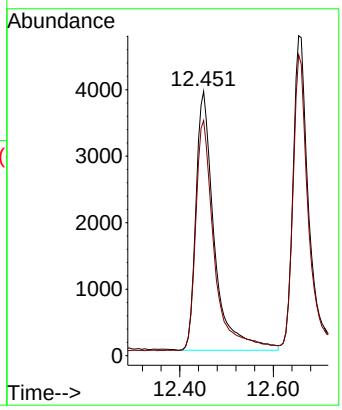


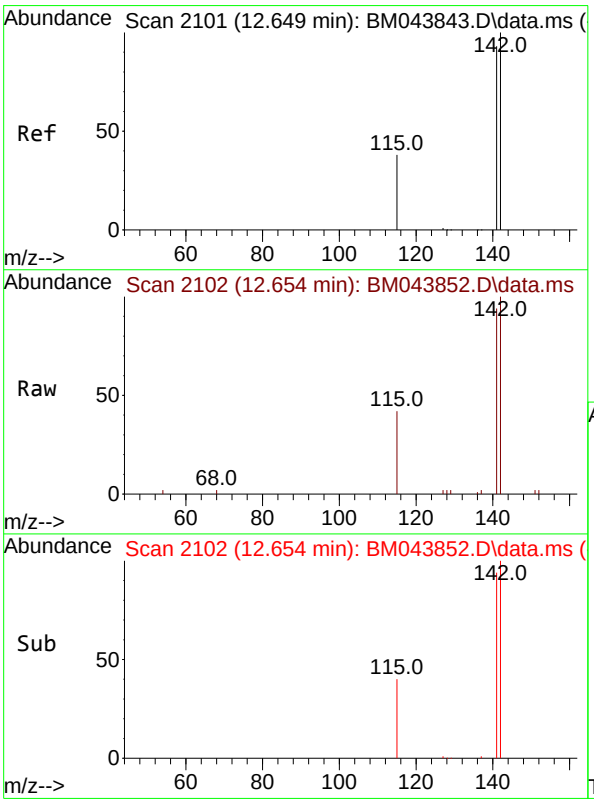
#7
2-Methylnaphthalene
Concen: 628.176 ng/ul
RT: 12.451 min Scan# 2
Delta R.T. 0.011 min
Lab File: BM043852.D
Acq: 15 Jan 2024 22:12

Instrument :
BNA_M
ClientSampleId :
SLCS384

Tgt Ion:142 Resp: 10666

Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.7	109.1

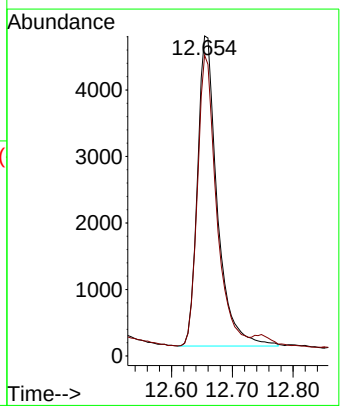


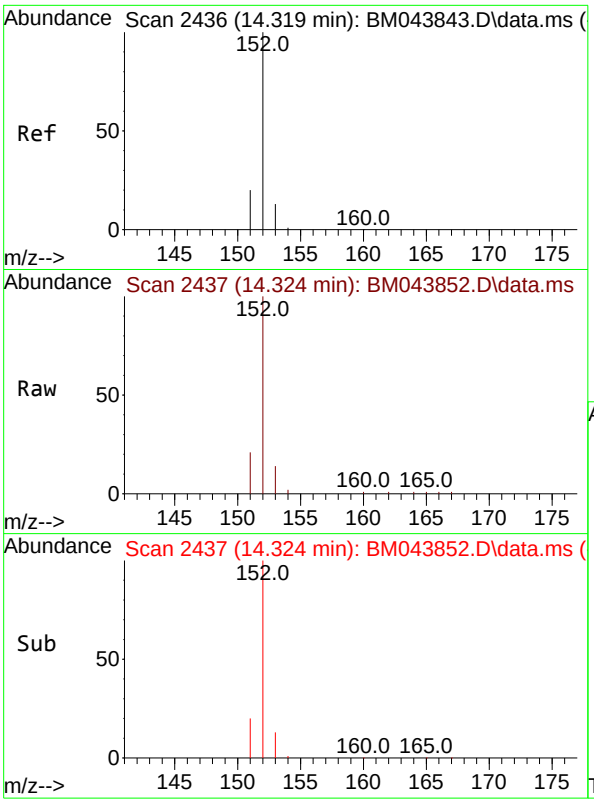


#8
1-Methylnaphthalene
Concen: 611.582 ng/ul
RT: 12.654 min Scan# 2102
Delta R.T. 0.000 min
Lab File: BM043852.D
Acq: 15 Jan 2024 22:12

Tgt Ion:142 Resp: 10543

Ion	Ratio	Lower	Upper
142	100		
141	90.8	73.0	109.6



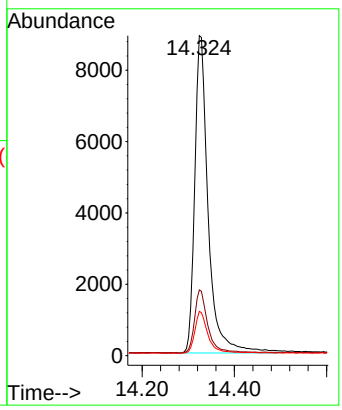


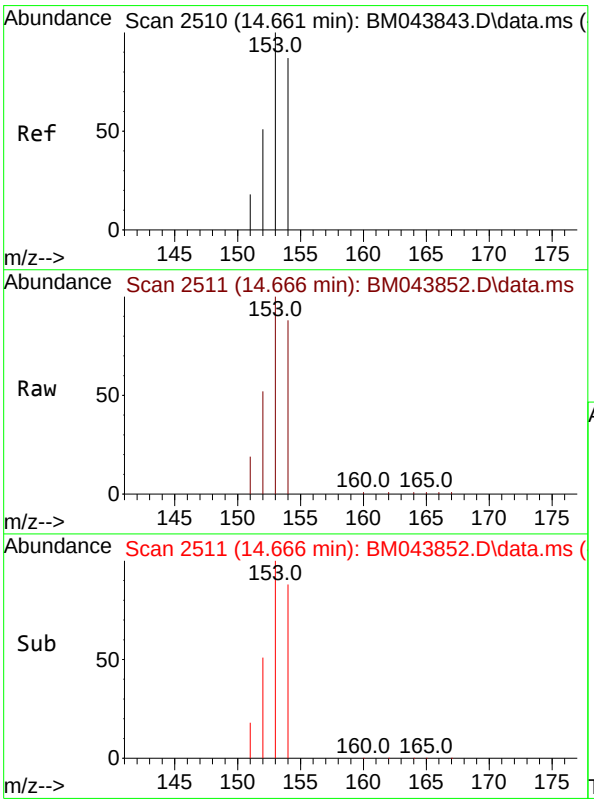
#10
Acenaphthylene
Concen: 337.041 ng/ul
RT: 14.324 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM043852.D
Acq: 15 Jan 2024 22:12

Instrument :
BNA_M
ClientSampleId :
SLCS384

Tgt Ion:152 Resp: 18064

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.0	24.0
153	13.9	10.6	16.0

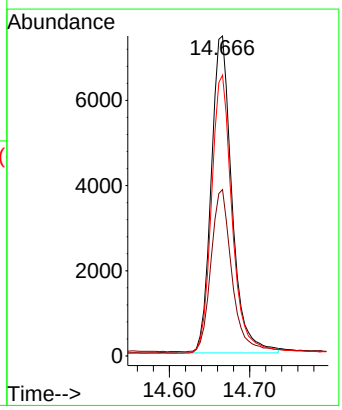


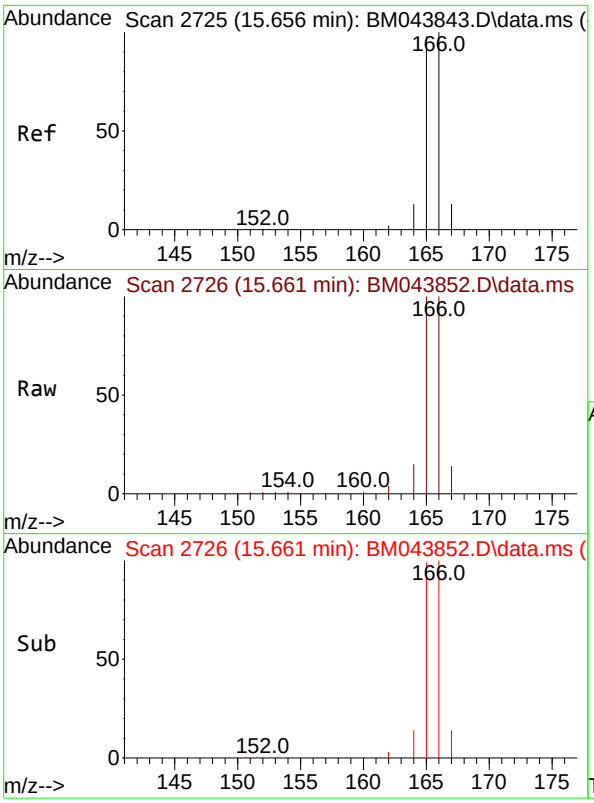


#11
Acenaphthene
Concen: 343.094 ng/ul
RT: 14.666 min Scan# 2511
Delta R.T. 0.005 min
Lab File: BM043852.D
Acq: 15 Jan 2024 22:12

Tgt Ion:153 Resp: 13369

Ion	Ratio	Lower	Upper
153	100		
152	52.0	40.6	61.0
154	87.7	69.4	104.2



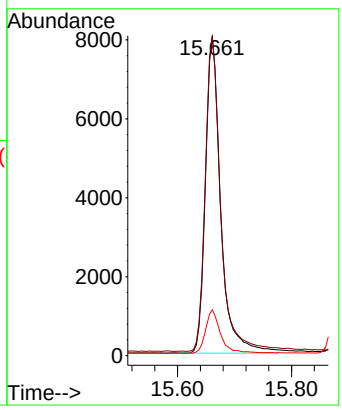


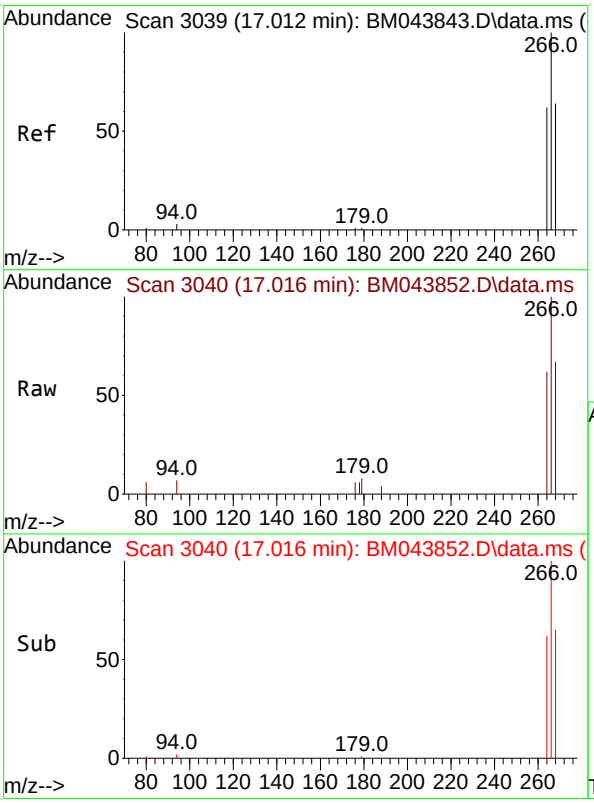
#12
Fluorene
Concen: 335.567 ng/ul
RT: 15.661 min Scan# 2
Delta R.T. 0.005 min
Lab File: BM043852.D
Acq: 15 Jan 2024 22:12

Instrument :
BNA_M
ClientSampleId :
SLCS384

Tgt Ion:166 Resp: 14982

Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.4	119.2
167	14.3	11.1	16.7

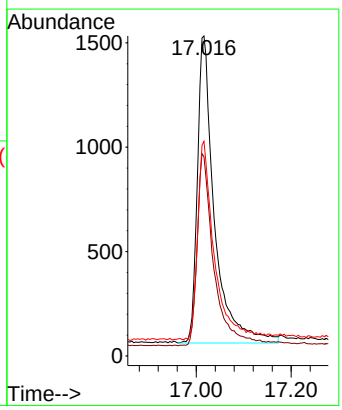


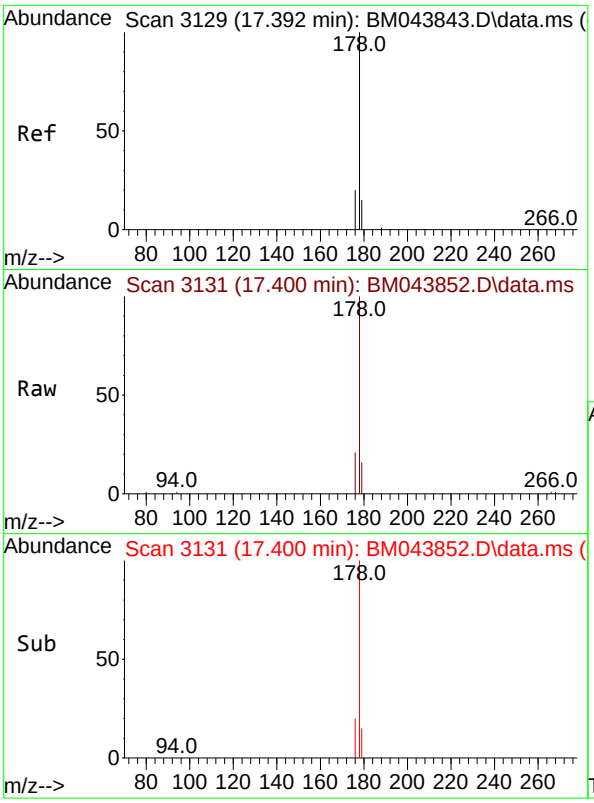


#14
Pentachlorophenol
Concen: 313.128 ng/ul
RT: 17.016 min Scan# 3040
Delta R.T. 0.000 min
Lab File: BM043852.D
Acq: 15 Jan 2024 22:12

Tgt Ion:266 Resp: 3672

Ion	Ratio	Lower	Upper
266	100		
264	62.2	50.4	75.6
268	64.6	52.2	78.2



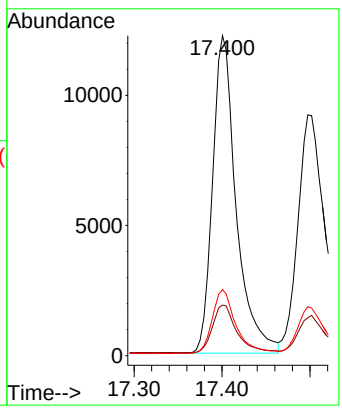


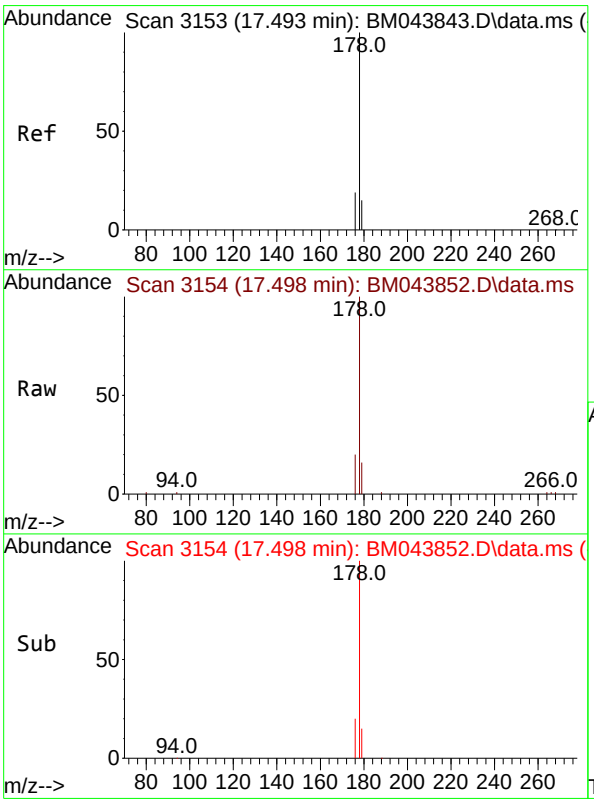
#15
Phenanthrene
Concen: 193.379 ng/ul
RT: 17.400 min Scan# 3
Delta R.T. 0.004 min
Lab File: BM043852.D
Acq: 15 Jan 2024 22:12

Instrument :
BNA_M
ClientSampleId :
SLCS384

Tgt Ion:178 Resp: 22725

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.5	18.7
176	20.7	15.9	23.9

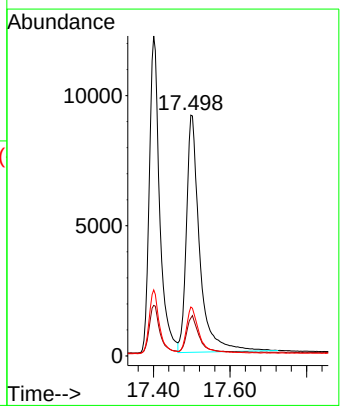


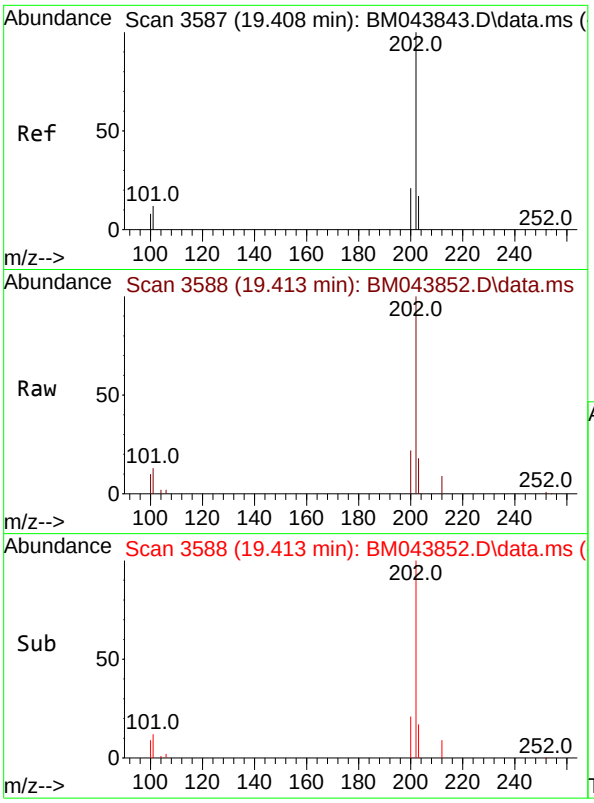


#16
Anthracene
Concen: 195.562 ng/ul
RT: 17.498 min Scan# 3154
Delta R.T. 0.004 min
Lab File: BM043852.D
Acq: 15 Jan 2024 22:12

Tgt Ion:178 Resp: 21880

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.7	19.1
176	20.3	15.6	23.4



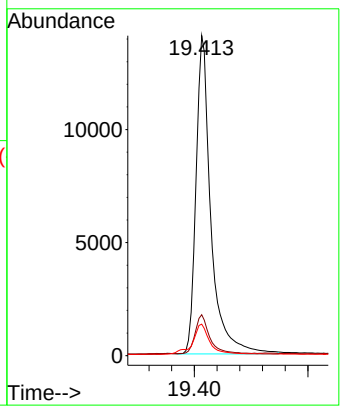


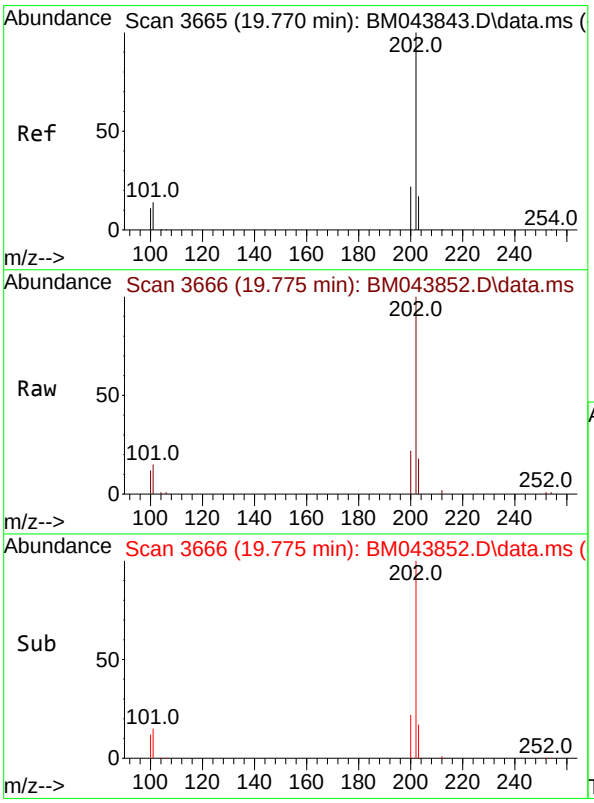
#19
Fluoranthene
Concen: 18.184 ng/ul
RT: 19.413 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM043852.D
Acq: 15 Jan 2024 22:12

Instrument :
BNA_M
ClientSampleId :
SLCS384

Tgt Ion:202 Resp: 25568

Ion	Ratio	Lower	Upper
202	100		
101	12.8	9.6	14.4
100	9.9	7.1	10.7

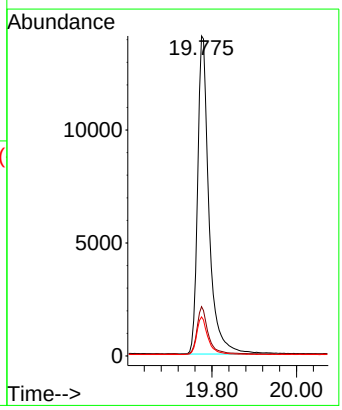


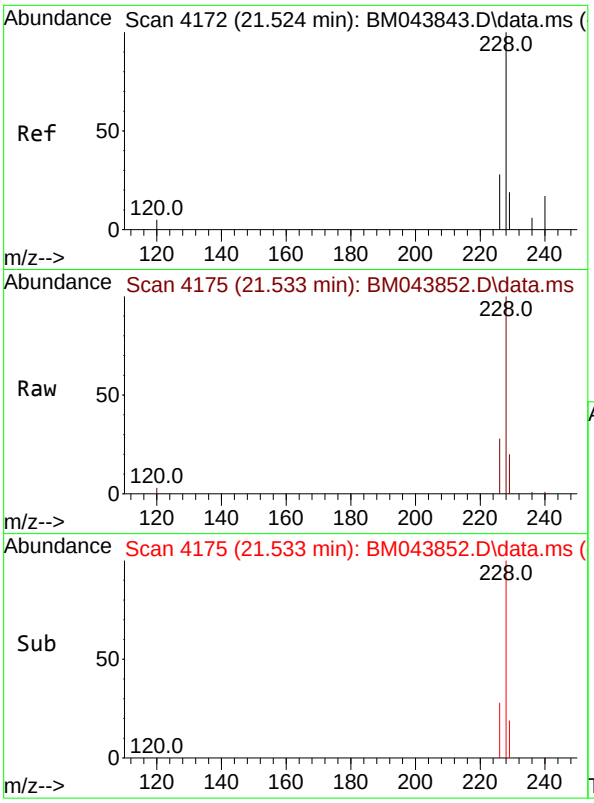


#20
Pyrene
Concen: 17.935 ng/ul
RT: 19.775 min Scan# 3666
Delta R.T. 0.000 min
Lab File: BM043852.D
Acq: 15 Jan 2024 22:12

Tgt Ion:202 Resp: 26268

Ion	Ratio	Lower	Upper
202	100		
101	15.4	11.3	16.9
100	12.2	9.0	13.6



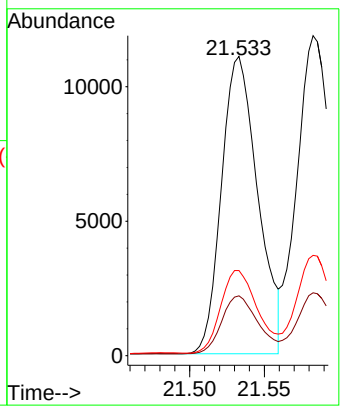


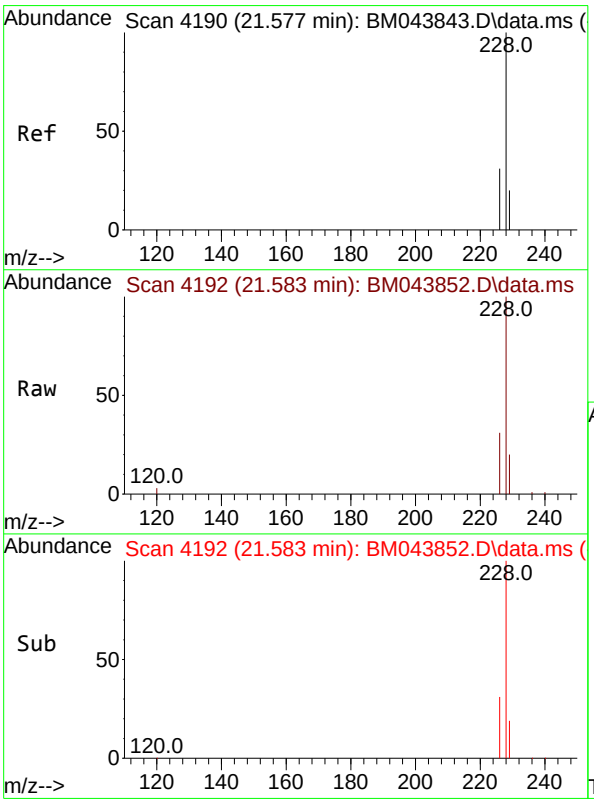
#21
Benzo(a)anthracene
Concen: 15.226 ng/ul
RT: 21.533 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM043852.D
Acq: 15 Jan 2024 22:12

Instrument :
BNA_M
ClientSampleId :
SLCS384

Tgt Ion:228 Resp: 18765

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.7	23.5
226	28.4	22.5	33.7

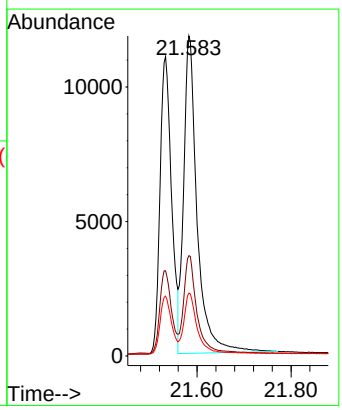


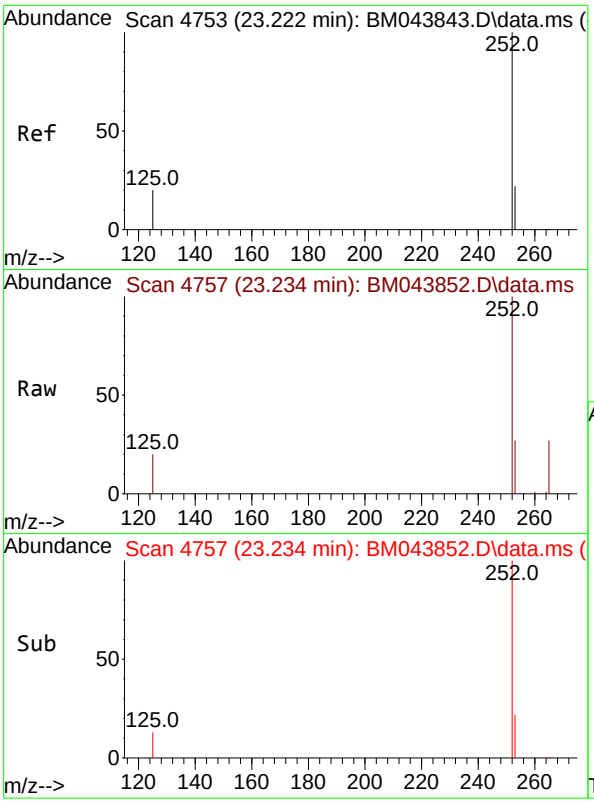


#22
Chrysene
Concen: 17.677 ng/ul
RT: 21.583 min Scan# 4192
Delta R.T. 0.003 min
Lab File: BM043852.D
Acq: 15 Jan 2024 22:12

Tgt Ion:228 Resp: 23464

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.9	37.3
229	19.7	15.7	23.5



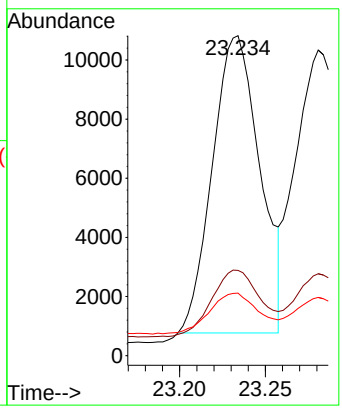


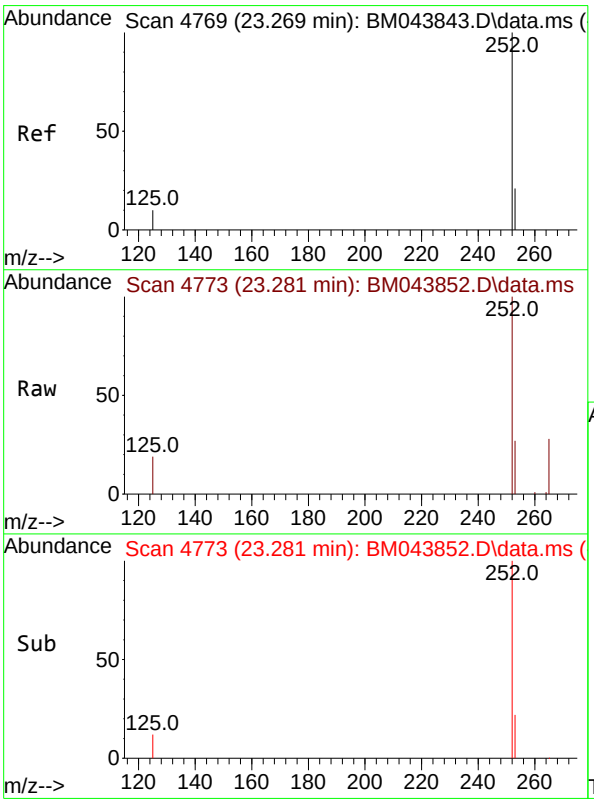
#24
Benzo(b)fluoranthene
Concen: 49.033 ng/ul
RT: 23.234 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM043852.D
Acq: 15 Jan 2024 22:12

Instrument :
BNA_M
ClientSampleId :
SLCS384

Tgt Ion:252 Resp: 19385

Ion	Ratio	Lower	Upper
252	100		
253	26.7	0.0	49.8
125	19.5	0.0	40.4

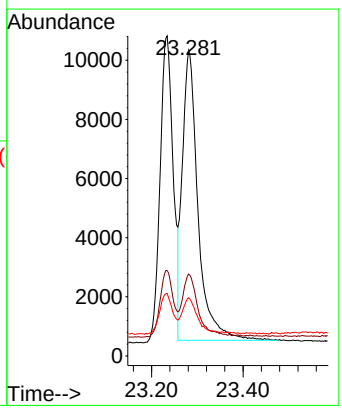


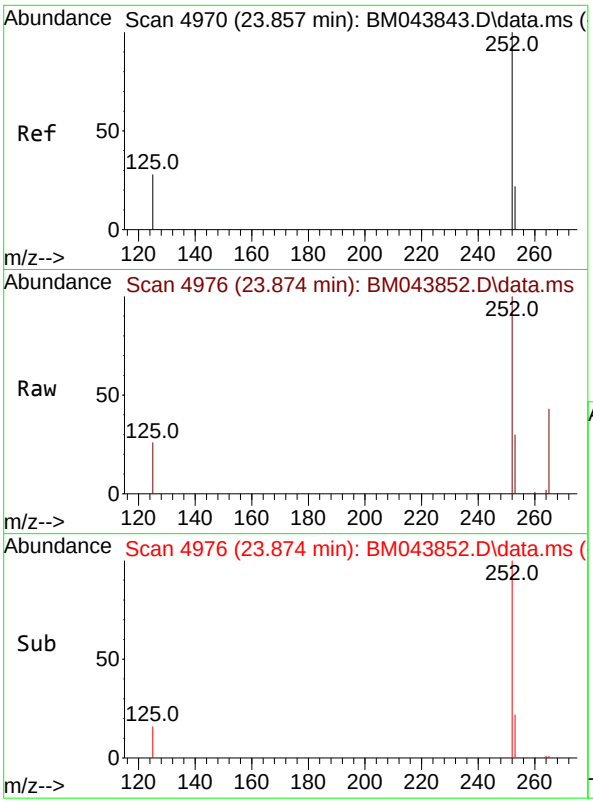


#25
Benzo(k)fluoranthene
Concen: 53.679 ng/ul
RT: 23.281 min Scan# 4773
Delta R.T. 0.003 min
Lab File: BM043852.D
Acq: 15 Jan 2024 22:12

Tgt Ion:252 Resp: 23408

Ion	Ratio	Lower	Upper
252	100		
253	26.8	19.9	29.9
125	19.1	12.1	18.1#



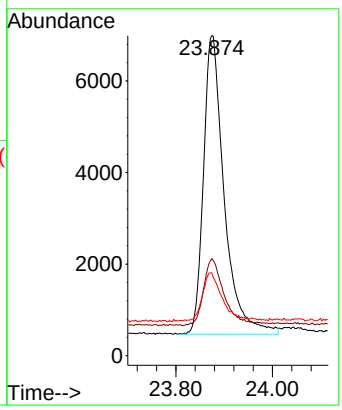


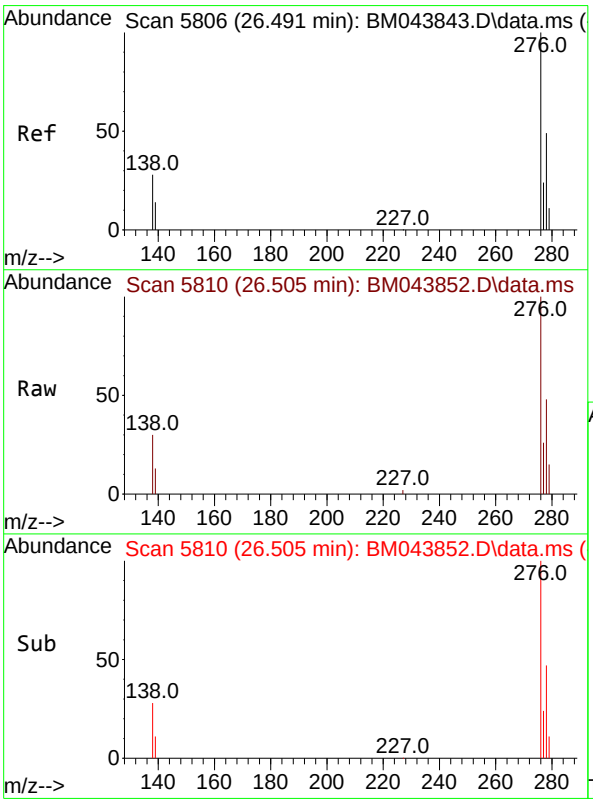
#26
Benzo(a)pyrene
Concen: 52.460 ng/ul
RT: 23.874 min Scan# 4
Delta R.T. 0.009 min
Lab File: BM043852.D
Acq: 15 Jan 2024 22:12

Instrument :
BNA_M
ClientSampleId :
SLCS384

Tgt Ion:252 Resp: 19435

Ion	Ratio	Lower	Upper
252	100		
253	30.3	20.8	31.2
125	25.9	20.2	30.2

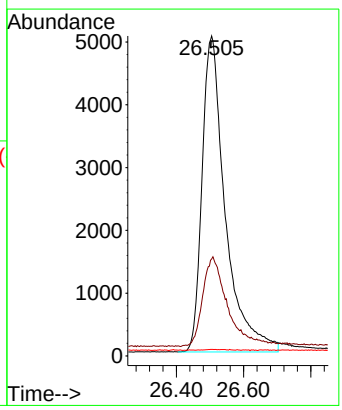


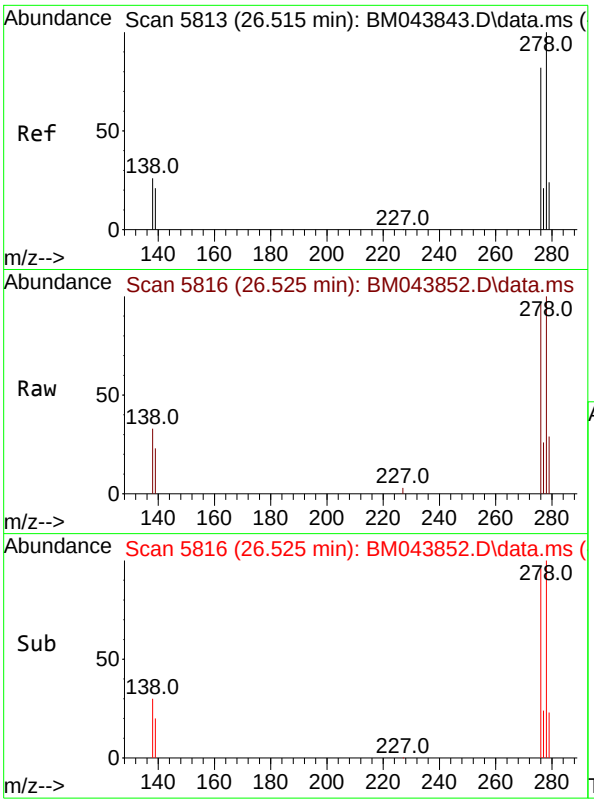


#27
Indeno(1,2,3-cd)pyrene
Concen: 51.523 ng/ul
RT: 26.505 min Scan# 5810
Delta R.T. 0.003 min
Lab File: BM043852.D
Acq: 15 Jan 2024 22:12

Tgt Ion:276 Resp: 24142

Ion	Ratio	Lower	Upper
276	100		
138	30.4	23.5	35.3
227	0.3	0.2	0.2#



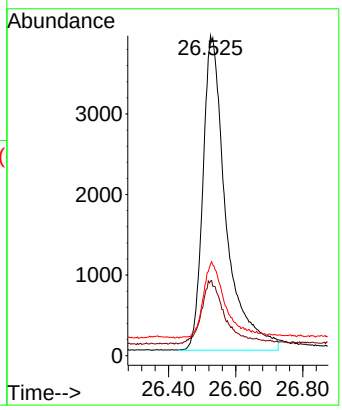


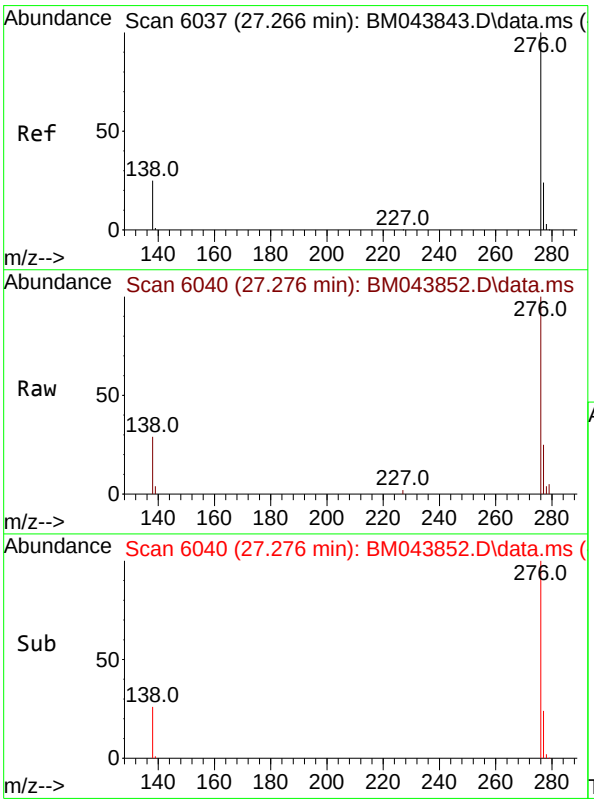
#28
Dibenzo(a,h)anthracene
Concen: 51.286 ng/ul
RT: 26.525 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM043852.D
Acq: 15 Jan 2024 22:12

Instrument :
BNA_M
ClientSampleId :
SLCS384

Tgt Ion:278 Resp: 18617

Ion	Ratio	Lower	Upper
278	100		
139	23.3	18.1	27.1
279	28.7	20.6	30.8





#29
Benzo(g,h,i)perylene
Concen: 52.479 ng/ul
RT: 27.276 min Scan# 6040
Delta R.T. -0.003 min
Lab File: BM043852.D
Acq: 15 Jan 2024 22:12

Tgt Ion:276 Resp: 20564

Ion	Ratio	Lower	Upper
276	100		
138	28.8	21.0	31.4
277	25.5	19.8	29.6