Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091123\
Data File : BM041781.D
Acq On : 11 Sep 2023 16:22
Operator : MA/JU
Sample : PB155288BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS288

Quant Time: Sep 12 04:26:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 09 23:26:58 2023
Response via : Initial Calibration

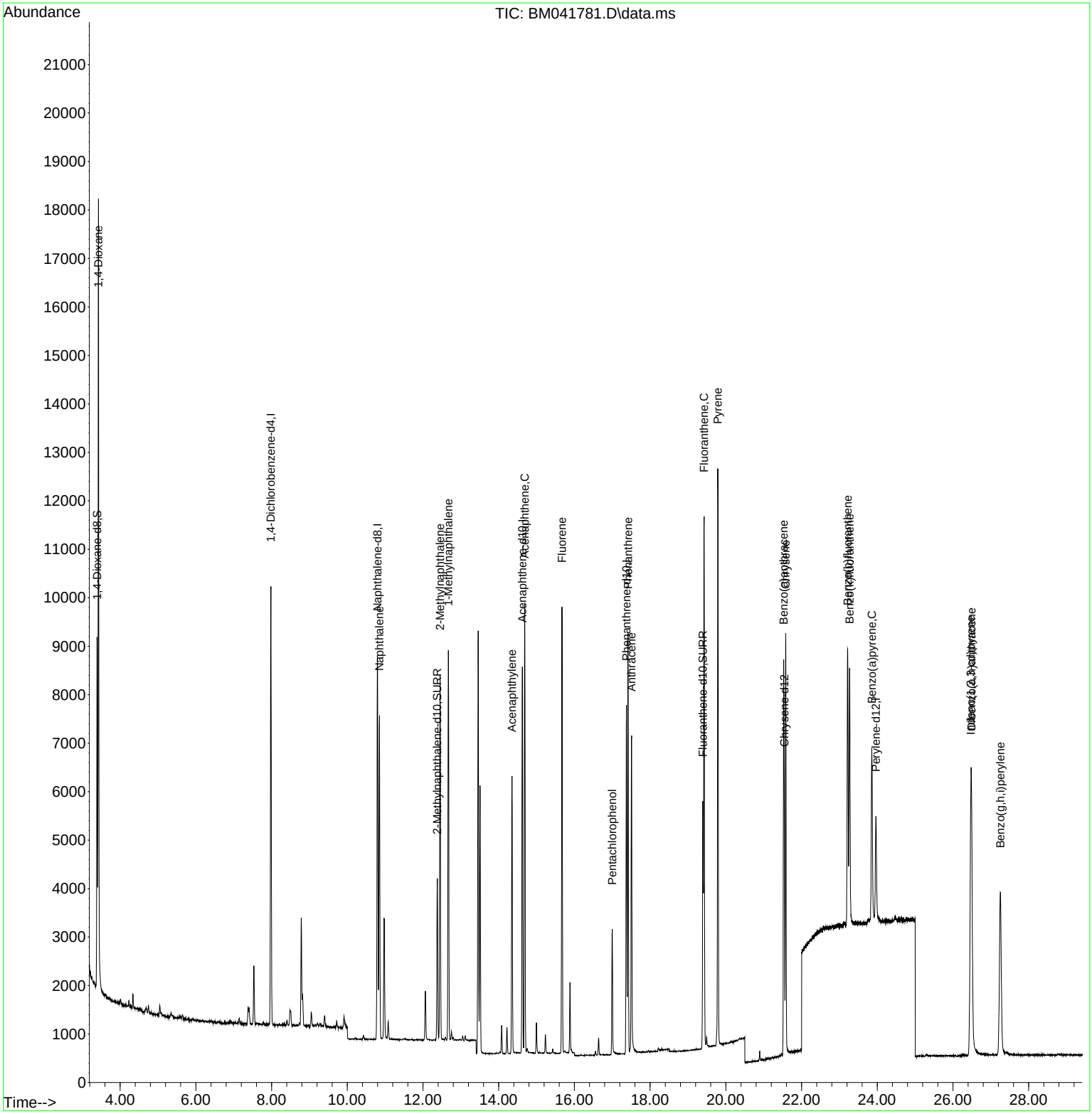
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.984	152	4429	0.400	ng/ul	0.00
4) Naphthalene-d8	10.796	136	9958	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.625	164	3940	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.375	188	7318	0.400	ng/ul	0.00
17) Chrysene-d12	21.545	240	2979	0.400	ng/ul	0.00
23) Perylene-d12	23.965	264	3034	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	3860	0.570	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.379	152	3939	0.307	ng/ul	0.00
18) Fluoranthene-d10	19.394	212	4304	0.298	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.427	88	9270	1.318	ng/ul	90
5) Naphthalene	10.851	128	8998	0.275	ng/ul	100
7) 2-Methylnaphthalene	12.451	142	5035	0.271	ng/ul	100
8) 1-Methylnaphthalene	12.671	142	5336	0.286	ng/ul	99
10) Acenaphthylene	14.352	152	6405	0.263	ng/ul	99
11) Acenaphthene	14.689	153	5246	0.277	ng/ul	99
12) Fluorene	15.670	166	5714	0.269	ng/ul	97
14) Pentachlorophenol	16.999	266	1666	0.569	ng/ul	99
15) Phenanthrene	17.417	178	8773	0.284	ng/ul	99
16) Anthracene	17.510	178	7373	0.278	ng/ul	98
19) Fluoranthene	19.427	202	9175	0.261	ng/ul	98
20) Pyrene	19.789	202	9328	0.267	ng/ul#	92
21) Benzo(a)anthracene	21.527	228	6561	0.270	ng/ul	99
22) Chrysene	21.583	228	7177	0.274	ng/ul	99
24) Benzo(b)fluoranthene	23.220	252	7332	0.270	ng/ul	93
25) Benzo(k)fluoranthene	23.269	252	6934	0.261	ng/ul#	93
26) Benzo(a)pyrene	23.857	252	5798	0.263	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.475	276	8403	0.278	ng/ul	92
28) Dibenzo(a,h)anthracene	26.488	278	6056	0.285	ng/ul	96
29) Benzo(g,h,i)perylene	27.253	276	7563	0.282	ng/ul	95

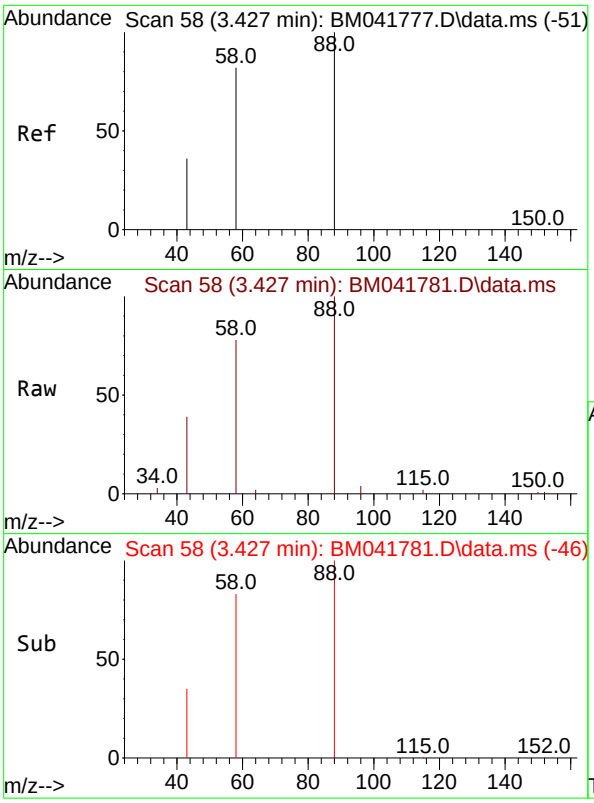
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091123\
Data File : BM041781.D
Acq On : 11 Sep 2023 16:22
Operator : MA/JU
Sample : PB155288BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS288

Quant Time: Sep 12 04:26:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 09 23:26:58 2023
Response via : Initial Calibration



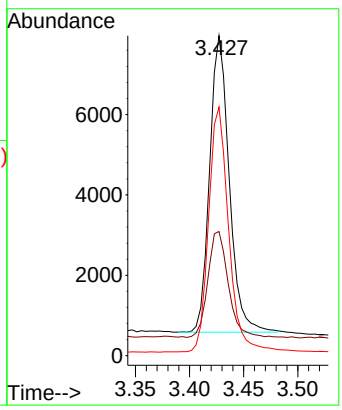


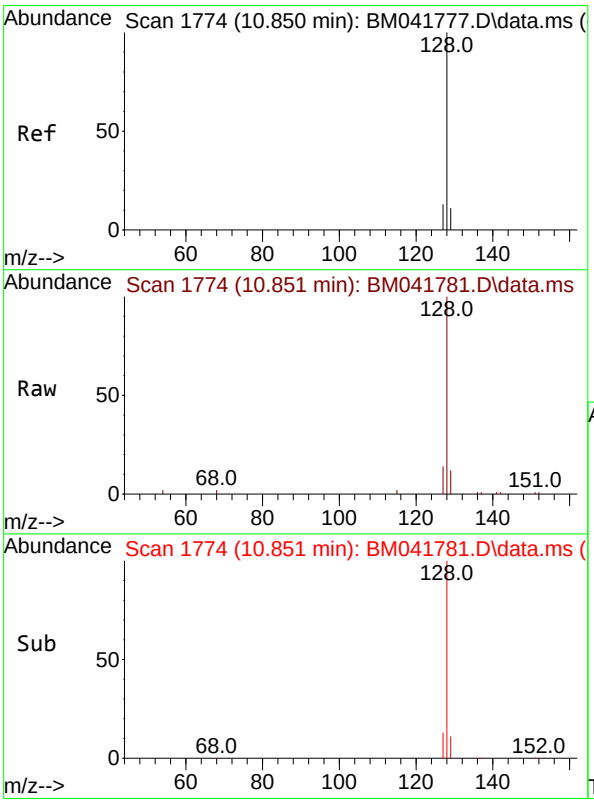
#2
1,4-Dioxane
Concen: 1.318 ng/ul
RT: 3.427 min Scan# 5
Delta R.T. -0.008 min
Lab File: BM041781.D
Acq: 11 Sep 2023 16:22

Instrument :
BNA_M
ClientSampleId :
SLCS288

Tgt Ion: 88 Resp: 9270

Ion	Ratio	Lower	Upper
88	100		
43	38.8	33.8	50.6
58	77.7	54.2	81.2

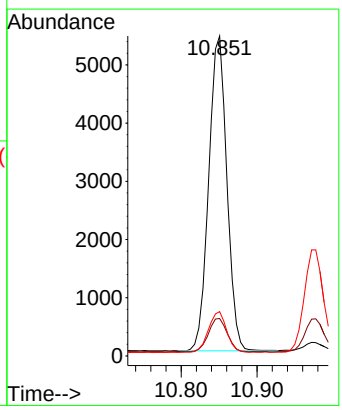


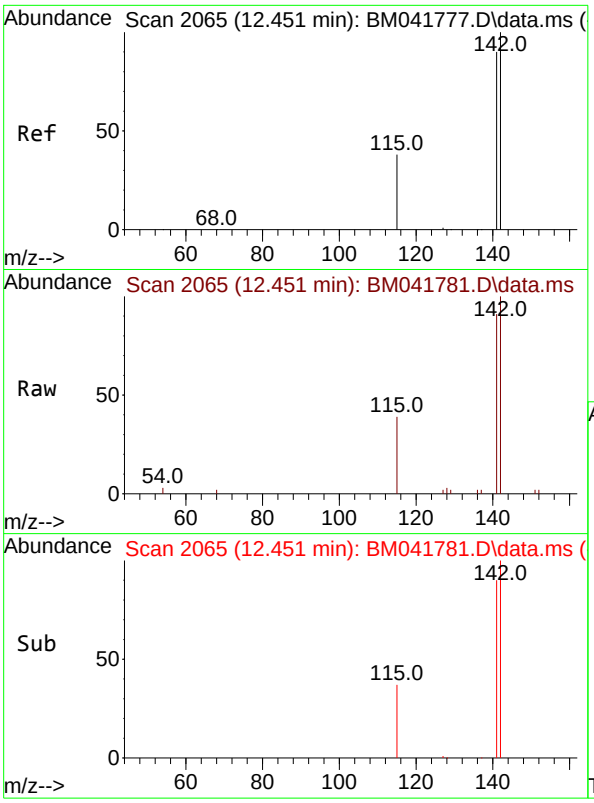


#5
Naphthalene
Concen: 0.275 ng/ul
RT: 10.851 min Scan# 1774
Delta R.T. -0.005 min
Lab File: BM041781.D
Acq: 11 Sep 2023 16:22

Tgt Ion:128 Resp: 8998

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.0
127	13.8	11.0	16.6



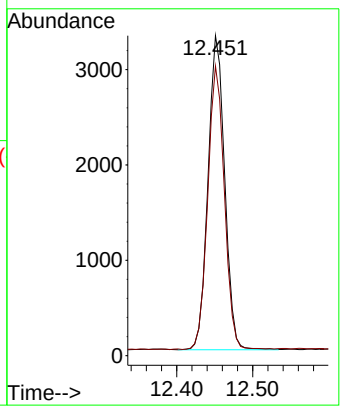


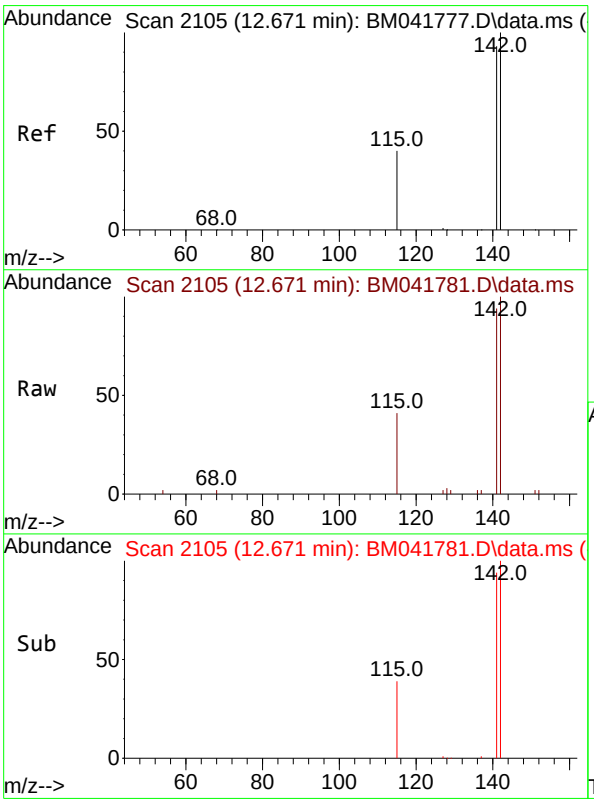
#7
2-Methylnaphthalene
Concen: 0.271 ng/ul
RT: 12.451 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM041781.D
Acq: 11 Sep 2023 16:22

Instrument :
BNA_M
ClientSampleId :
SLCS288

Tgt Ion:142 Resp: 5035

Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.2	108.2

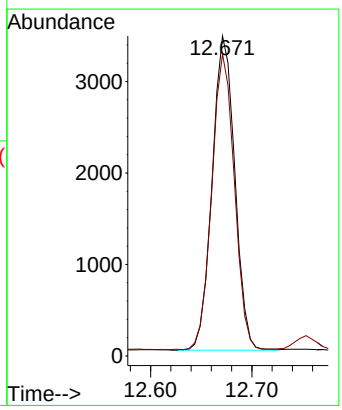


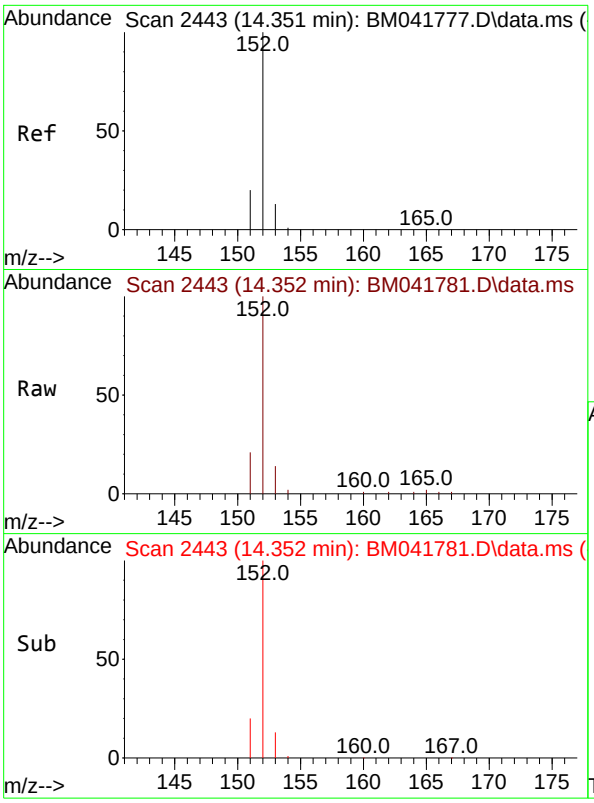


#8
1-Methylnaphthalene
Concen: 0.286 ng/ul
RT: 12.671 min Scan# 2105
Delta R.T. -0.011 min
Lab File: BM041781.D
Acq: 11 Sep 2023 16:22

Tgt Ion:142 Resp: 5336

Ion	Ratio	Lower	Upper
142	100		
141	93.8	74.4	111.6



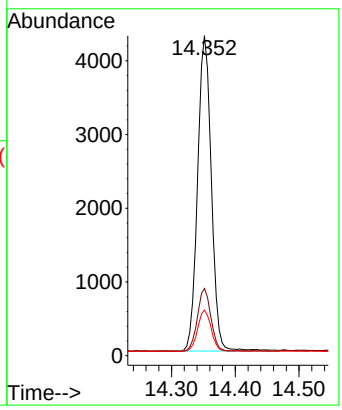


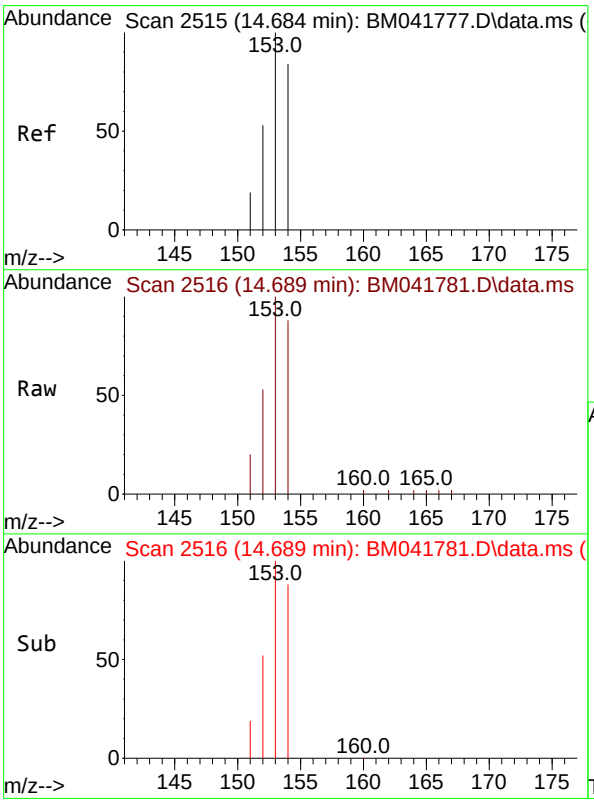
#10
Acenaphthylene
Concen: 0.263 ng/ul
RT: 14.352 min Scan# 24
Delta R.T. -0.009 min
Lab File: BM041781.D
Acq: 11 Sep 2023 16:22

Instrument :
BNA_M
ClientSampleId :
SLCS288

Tgt Ion:152 Resp: 6405

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.4	24.6
153	14.2	11.1	16.7

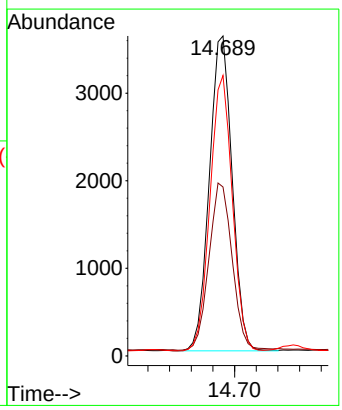


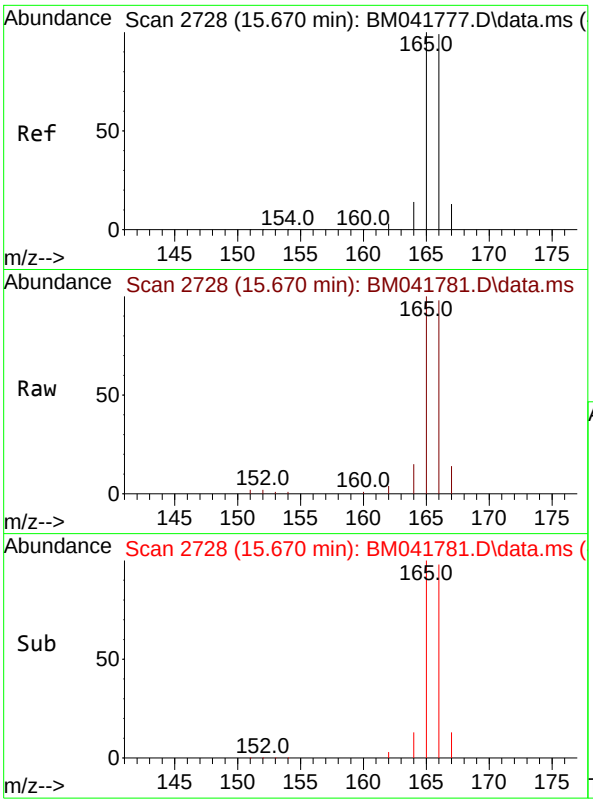


#11
Acenaphthene
Concen: 0.277 ng/ul
RT: 14.689 min Scan# 2516
Delta R.T. -0.004 min
Lab File: BM041781.D
Acq: 11 Sep 2023 16:22

Tgt Ion:153 Resp: 5246

Ion	Ratio	Lower	Upper
153	100		
152	52.8	43.4	65.2
154	87.7	69.4	104.0



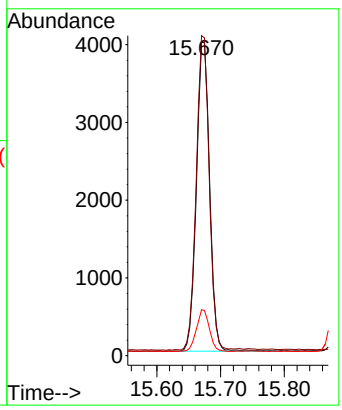


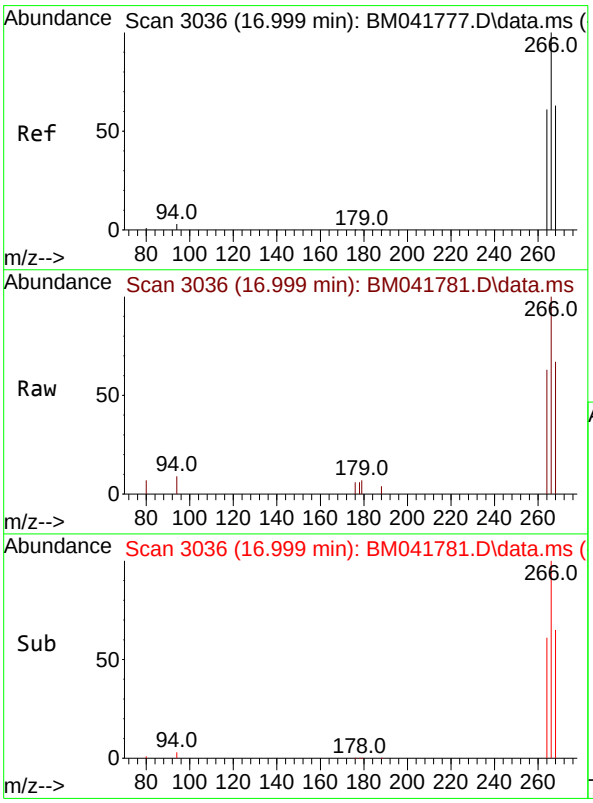
#12
Fluorene
Concen: 0.269 ng/ul
RT: 15.670 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM041781.D
Acq: 11 Sep 2023 16:22

Instrument :
BNA_M
ClientSampleId :
SLCS288

Tgt Ion:166 Resp: 5714

Ion	Ratio	Lower	Upper
166	100		
165	102.1	79.4	119.2
167	14.7	11.3	16.9

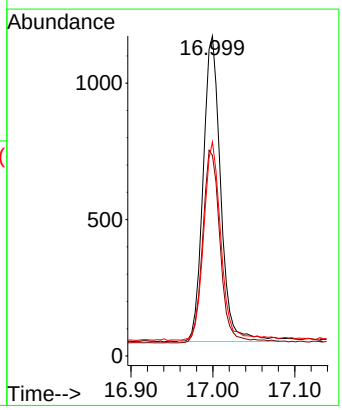


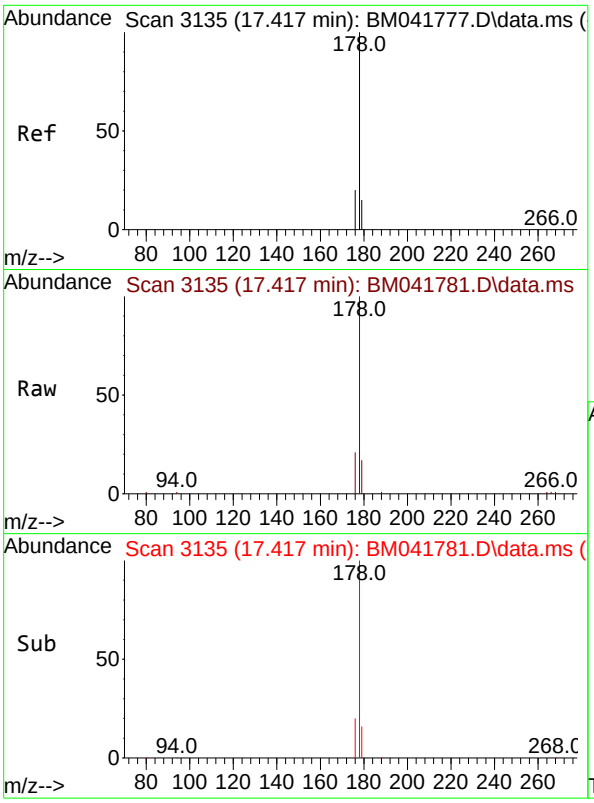


#14
Pentachlorophenol
Concen: 0.569 ng/ul
RT: 16.999 min Scan# 3036
Delta R.T. -0.004 min
Lab File: BM041781.D
Acq: 11 Sep 2023 16:22

Tgt Ion:266 Resp: 1666

Ion	Ratio	Lower	Upper
266	100		
264	63.4	50.0	75.0
268	63.6	50.8	76.2



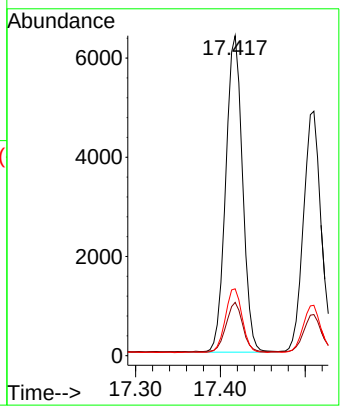


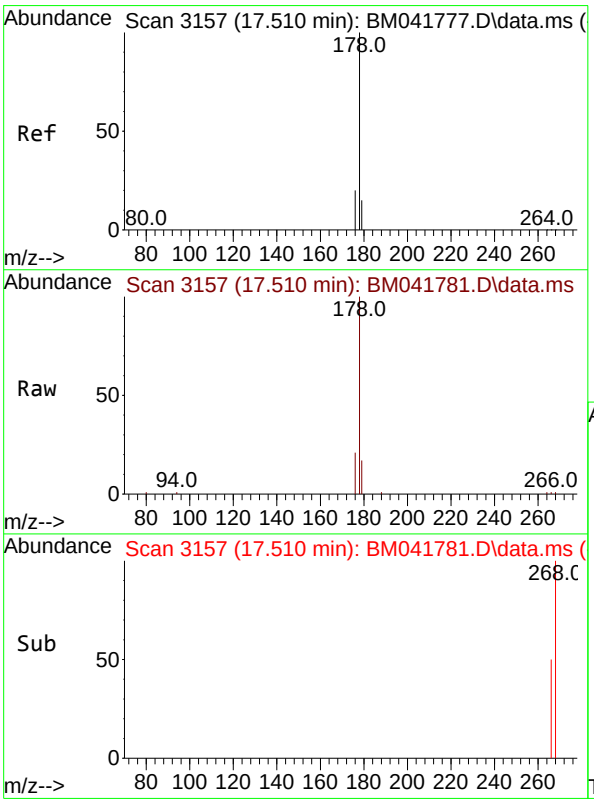
#15
Phenanthrene
Concen: 0.284 ng/ul
RT: 17.417 min Scan# 3
Delta R.T. -0.008 min
Lab File: BM041781.D
Acq: 11 Sep 2023 16:22

Instrument :
BNA_M
ClientSampleId :
SLCS288

Tgt Ion:178 Resp: 8773

Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.9	19.3
176	20.9	16.9	25.3

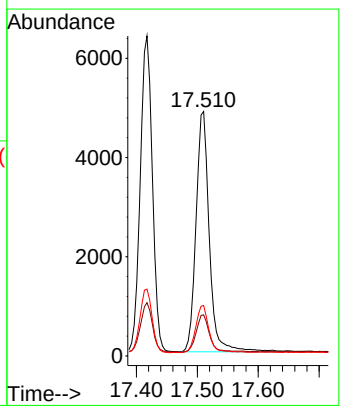


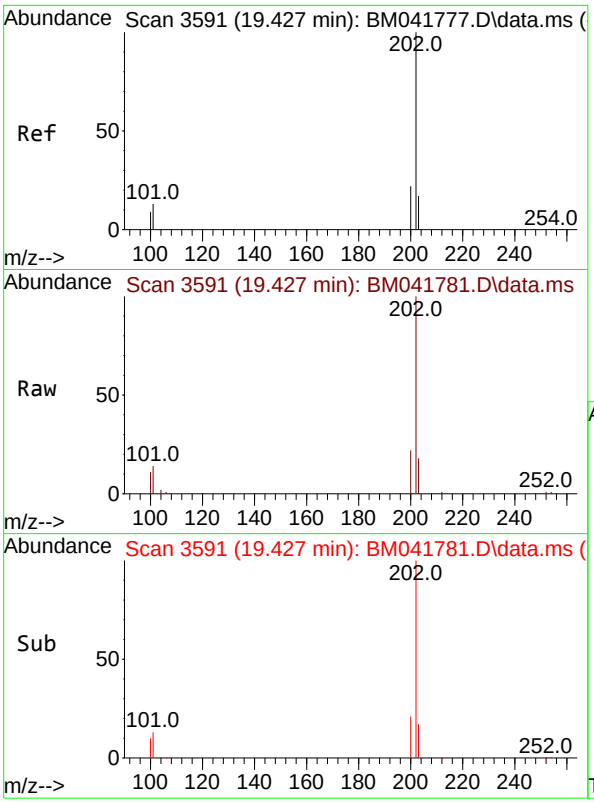


#16
Anthracene
Concen: 0.278 ng/ul
RT: 17.510 min Scan# 3157
Delta R.T. -0.004 min
Lab File: BM041781.D
Acq: 11 Sep 2023 16:22

Tgt Ion:178 Resp: 7373

Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.9	19.3
176	20.6	15.8	23.8



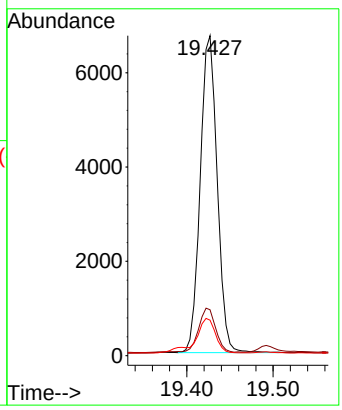


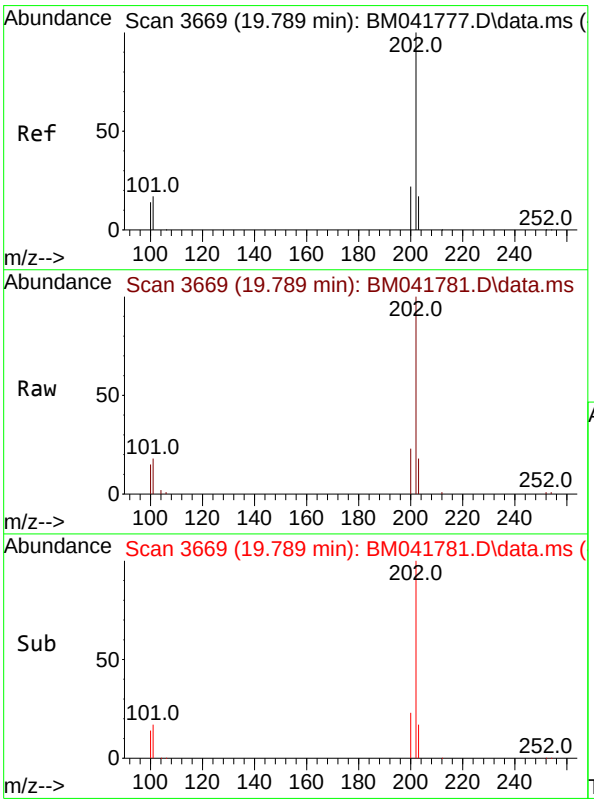
#19
Fluoranthene
Concen: 0.261 ng/ul
RT: 19.427 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM041781.D
Acq: 11 Sep 2023 16:22

Instrument :
BNA_M
ClientSampleId :
SLCS288

Tgt Ion:202 Resp: 9175

Ion	Ratio	Lower	Upper
202	100		
101	14.3	10.5	15.7
100	11.1	8.4	12.6

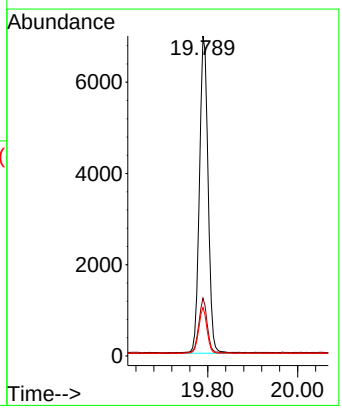


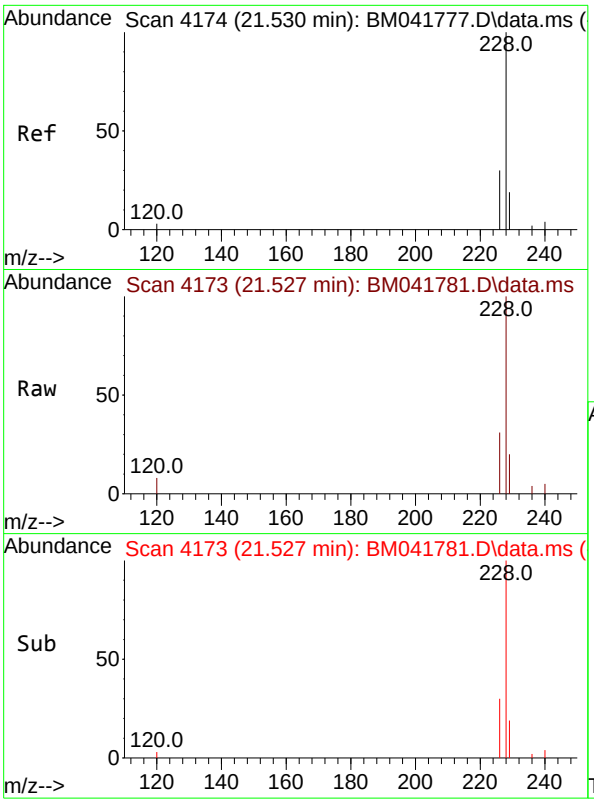


#20
Pyrene
Concen: 0.267 ng/ul
RT: 19.789 min Scan# 3669
Delta R.T. -0.009 min
Lab File: BM041781.D
Acq: 11 Sep 2023 16:22

Tgt Ion:202 Resp: 9328

Ion	Ratio	Lower	Upper
202	100		
101	18.0	11.8	17.8#
100	15.2	9.8	14.6#



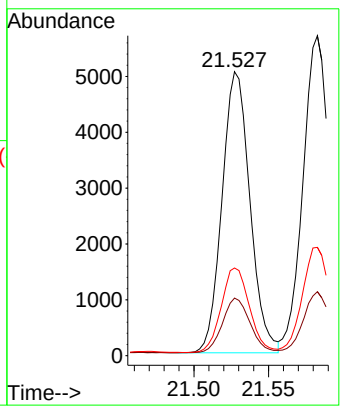


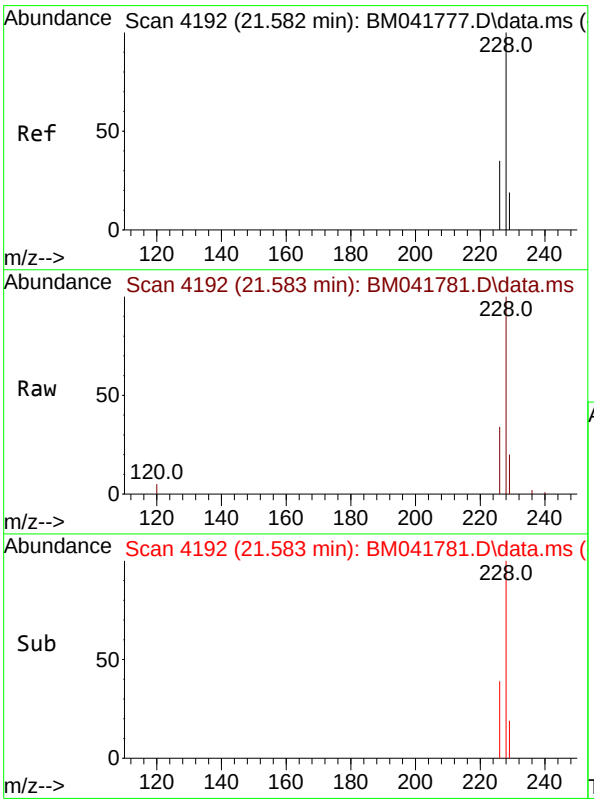
#21
Benzo(a)anthracene
Concen: 0.270 ng/ul
RT: 21.527 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM041781.D
Acq: 11 Sep 2023 16:22

Instrument :
BNA_M
ClientSampleId :
SLCS288

Tgt Ion:228 Resp: 6561

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.8	23.6
226	30.9	24.8	37.2

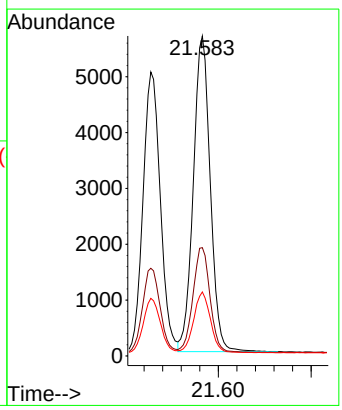


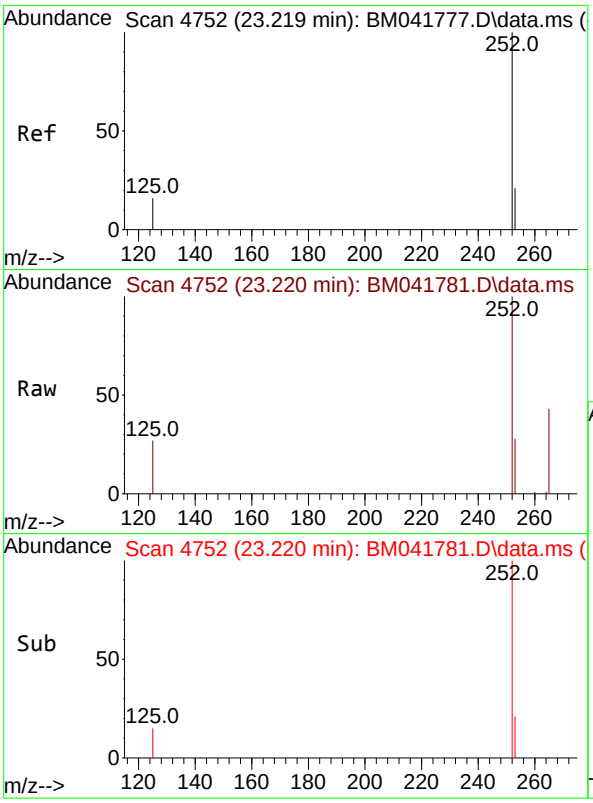


#22
Chrysene
Concen: 0.274 ng/ul
RT: 21.583 min Scan# 4192
Delta R.T. -0.003 min
Lab File: BM041781.D
Acq: 11 Sep 2023 16:22

Tgt Ion:228 Resp: 7177

Ion	Ratio	Lower	Upper
228	100		
226	33.9	27.0	40.6
229	20.0	15.4	23.2



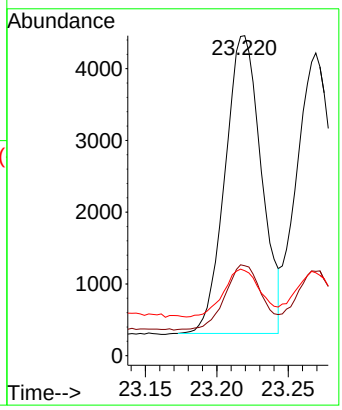


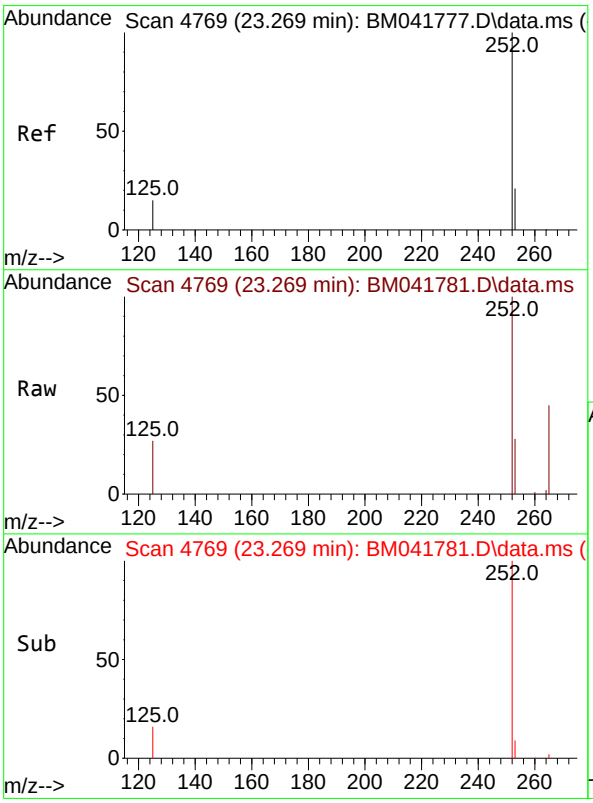
#24
Benzo(b)fluoranthene
Concen: 0.270 ng/ul
RT: 23.220 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM041781.D
Acq: 11 Sep 2023 16:22

Instrument :
BNA_M
ClientSampleId :
SLCS288

Tgt Ion:252 Resp: 7332

Ion	Ratio	Lower	Upper
252	100		
253	28.1	0.0	52.4
125	26.5	0.0	42.8

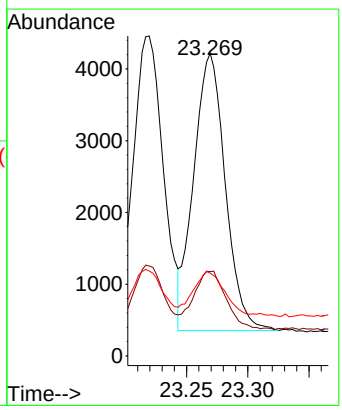


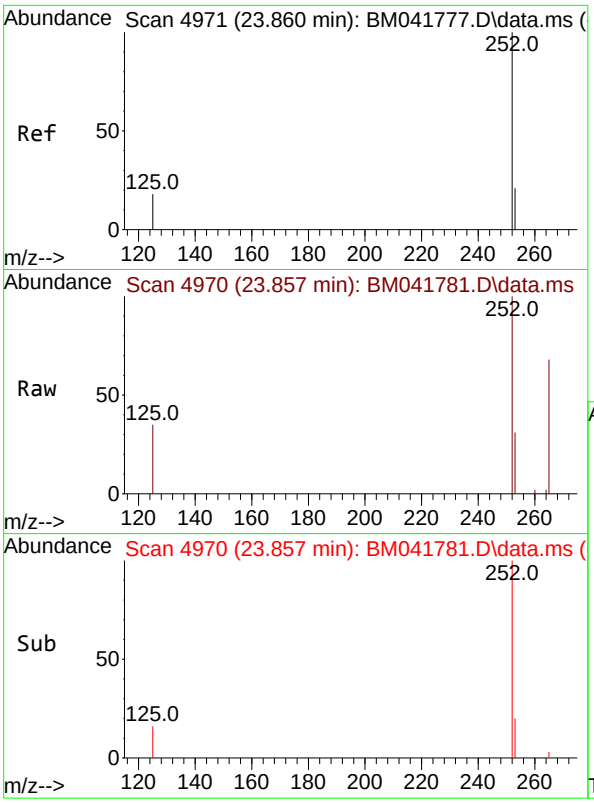


#25
Benzo(k)fluoranthene
Concen: 0.261 ng/ul
RT: 23.269 min Scan# 4769
Delta R.T. -0.006 min
Lab File: BM041781.D
Acq: 11 Sep 2023 16:22

Tgt Ion:252 Resp: 6934

Ion	Ratio	Lower	Upper
252	100		
253	27.8	21.3	31.9
125	27.3	17.4	26.0#



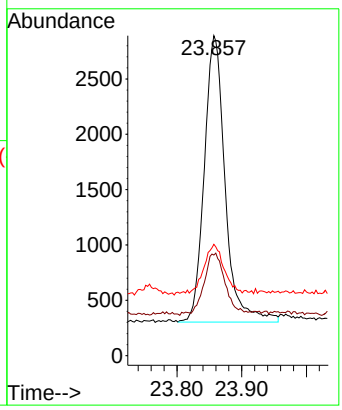


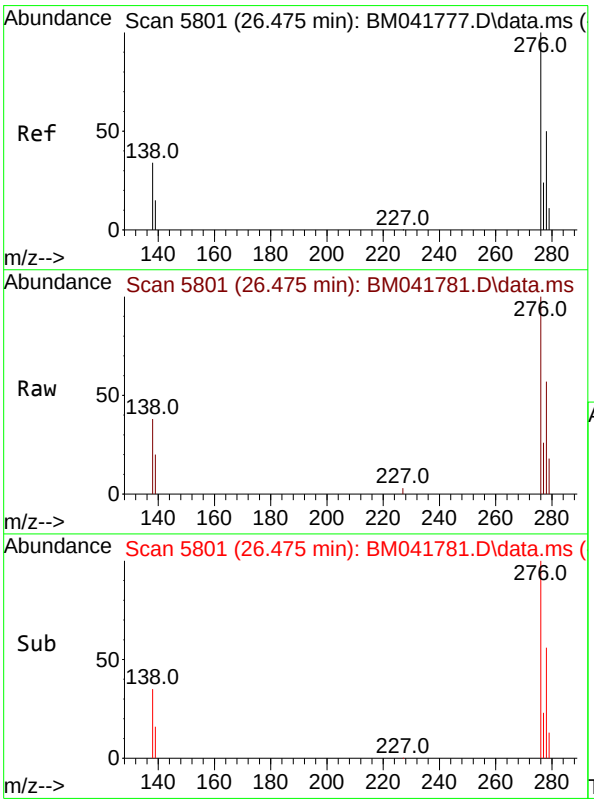
#26
Benzo(a)pyrene
Concen: 0.263 ng/ul
RT: 23.857 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM041781.D
Acq: 11 Sep 2023 16:22

Instrument :
BNA_M
ClientSampleId :
SLCS288

Tgt Ion:252 Resp: 5798

Ion	Ratio	Lower	Upper
252	100		
253	31.4	22.4	33.6
125	34.8	21.0	31.4#

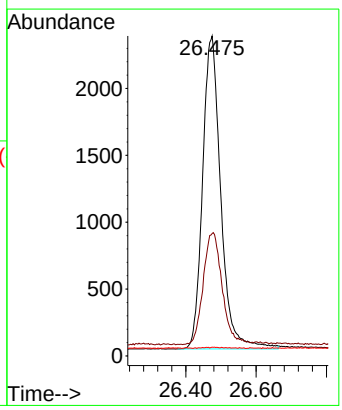


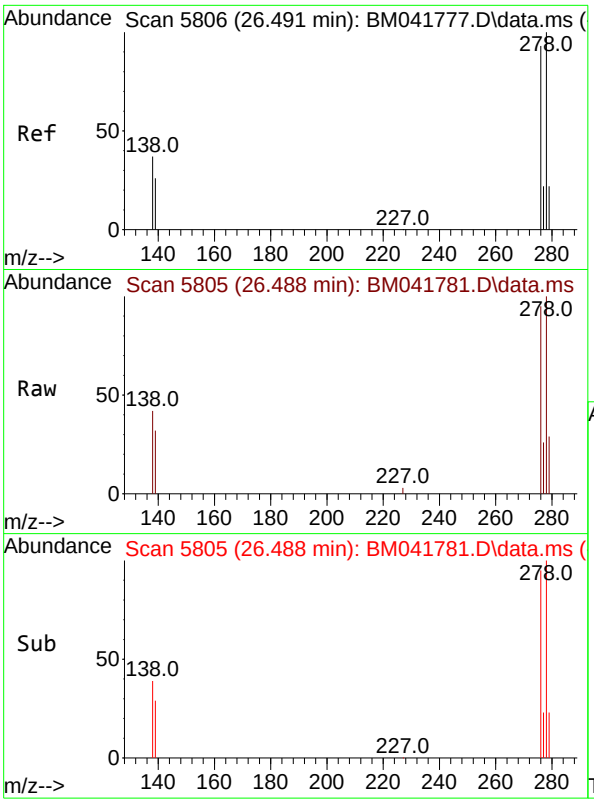


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.278 ng/ul
RT: 26.475 min Scan# 5801
Delta R.T. -0.010 min
Lab File: BM041781.D
Acq: 11 Sep 2023 16:22

Tgt Ion:276 Resp: 8403

Ion	Ratio	Lower	Upper
276	100		
138	37.3	26.4	39.6
227	0.1	0.1	0.1



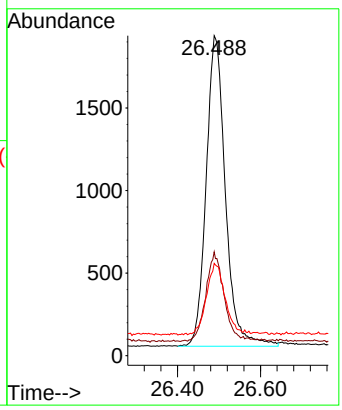


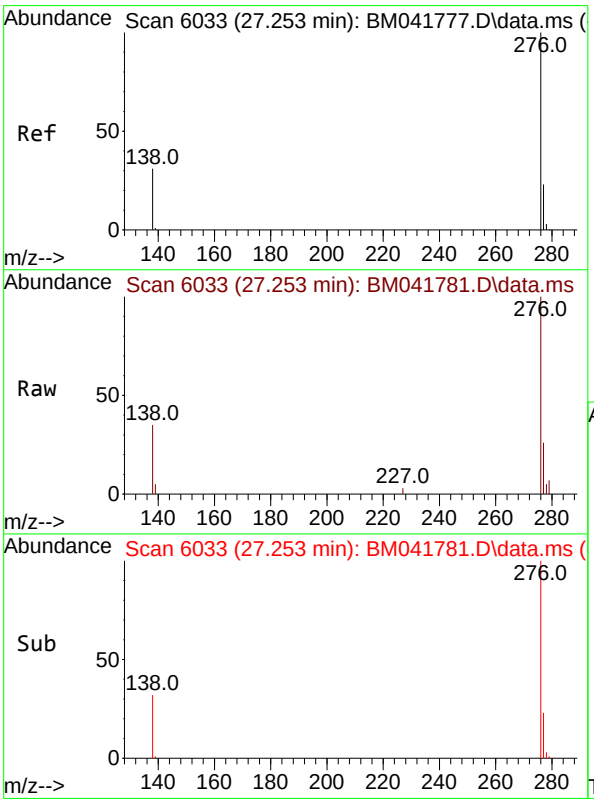
#28
Dibenzo(a,h)anthracene
Concen: 0.285 ng/ul
RT: 26.488 min Scan# 5
Delta R.T. -0.017 min
Lab File: BM041781.D
Acq: 11 Sep 2023 16:22

Instrument :
BNA_M
ClientSampleId :
SLCS288

Tgt Ion:278 Resp: 6056

Ion	Ratio	Lower	Upper
278	100		
139	32.5	23.0	34.6
279	28.8	22.9	34.3





#29
Benzo(g,h,i)perylene
Concen: 0.282 ng/ul
RT: 27.253 min Scan# 6033
Delta R.T. -0.013 min
Lab File: BM041781.D
Acq: 11 Sep 2023 16:22

Tgt Ion:276 Resp: 7563

Ion	Ratio	Lower	Upper
276	100		
138	35.4	25.0	37.4
277	25.7	20.2	30.2