Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
Data File : BM041060.D
Acq On : 22 Jul 2023 18:49
Operator : MA/JU
Sample : 03504-07
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jul 22 22:37:42 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 : Sat Jul 22 22:33:48 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.853	152	3886	0.400	ng/ul	0.00
4) Naphthalene-d8	10.658	136	12754	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.509	164	7068	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.265	188	18693	0.400	ng/ul	0.00
17) Chrysene-d12	21.460	240	12889	0.400	ng/ul	0.00
23) Perylene-d12	23.848	264	16964	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	8665	1.356	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.253	152	5643	0.332	ng/ul	-0.01
18) Fluoranthene-d10	19.297	212	12116	0.223	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.297	88	1721	0.256	ng/ul#	1
5) Naphthalene	10.708	128	83241	2.386	ng/ul	98
7) 2-Methylnaphthalene	12.330	142	26111	1.364	ng/ul	96
8) 1-Methylnaphthalene	12.550	142	21292	1.047	ng/ul	99
10) Acenaphthylene	14.231	152	23615	0.798	ng/ul	97
11) Acenaphthene	14.574	153	109683	4.203	ng/ul	96
12) Fluorene	15.564	166	114211	4.227	ng/ul	97
15) Phenanthrene	17.308	178	1747593	31.278	ng/ul	98
16) Anthracene	17.401	178	251074	5.767	ng/ul	97
19) Fluoranthene	19.329	202	2443952	36.725	ng/ul#	93
20) Pyrene	19.692	202	1362923	20.047	ng/ul#	92
21) Benzo(a)anthracene	21.442	228	933922	23.786	ng/ul	99
22) Chrysene	21.495	228	966619	21.535	ng/ul	98
24) Benzo(b)fluoranthene	23.120	252	1134300	17.421	ng/ul	82
26) Benzo(a)pyrene	23.740	252	247206	4.396	ng/ul#	73
27) Indeno(1,2,3-cd)pyrene	26.314	276	292426	3.918	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.441	278	45570	0.807	ng/ul	94
29) Benzo(g,h,i)perylene	27.075	276	17426	0.253	ng/ul#	89

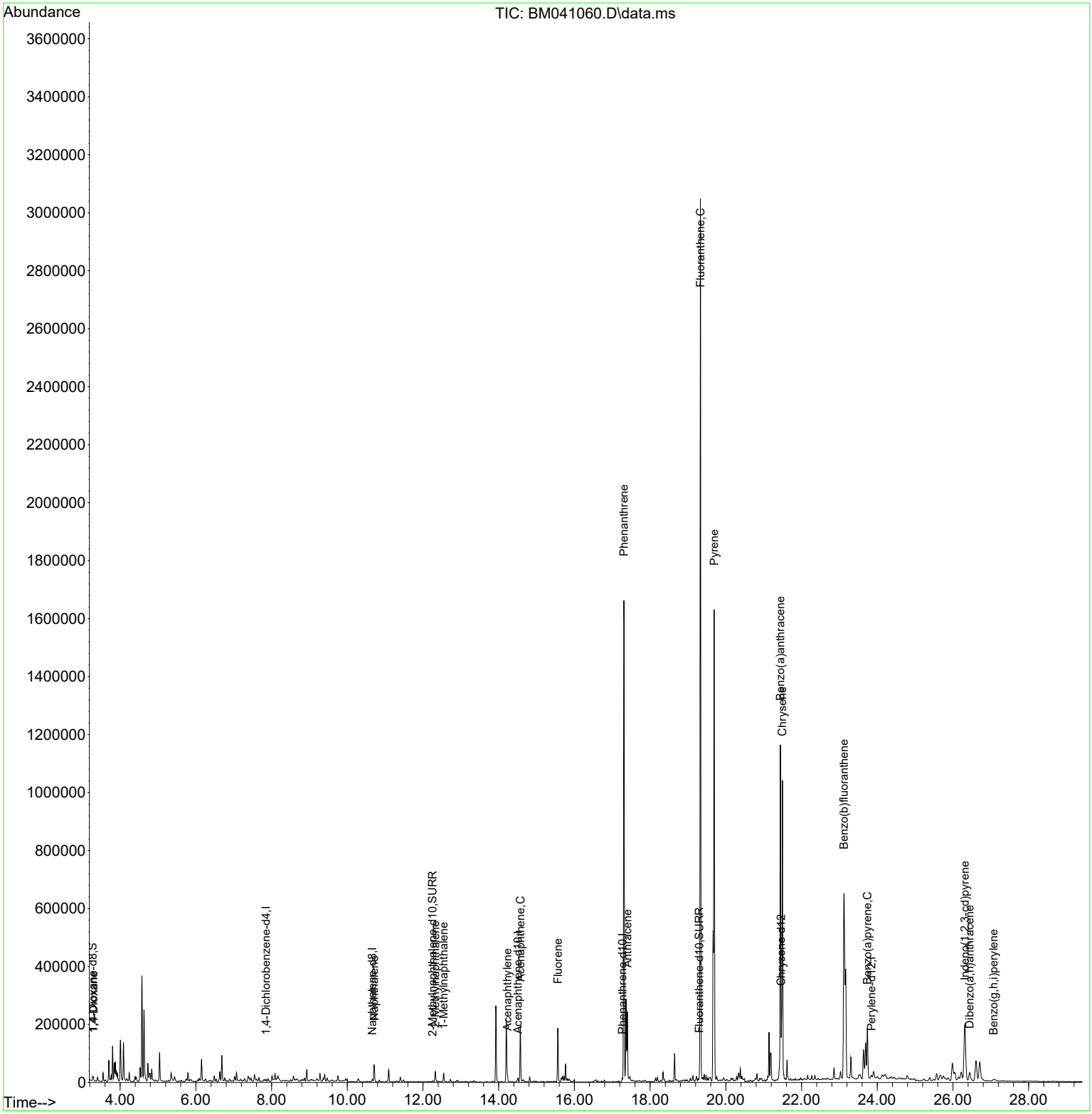
(#) = qualifier out of range (m) = manual integration (+) = signals summed

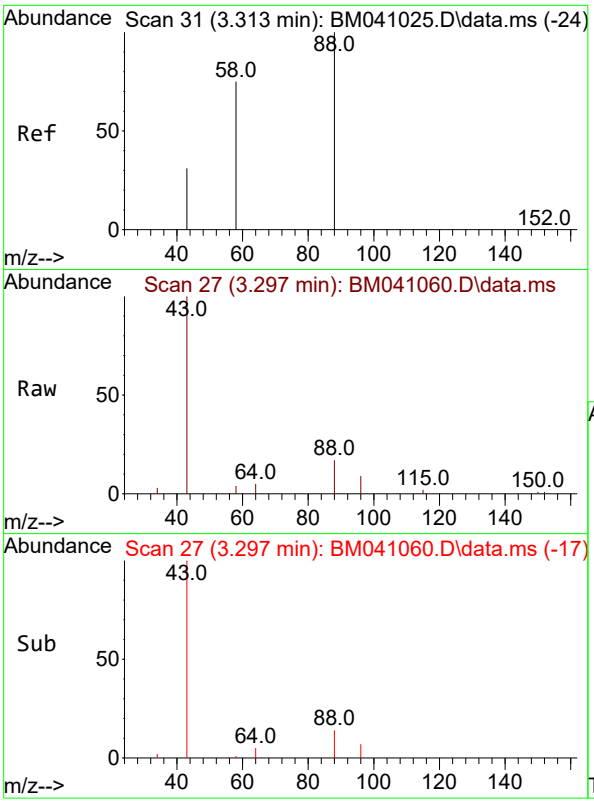
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
Data File : BM041060.D
Acq On : 22 Jul 2023 18:49
Operator : MA/JU
Sample : 03504-07
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jul 22 22:37:42 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 : Sat Jul 22 22:33:48 2023
Response via : Initial Calibration



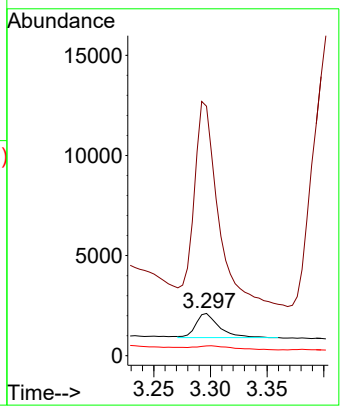


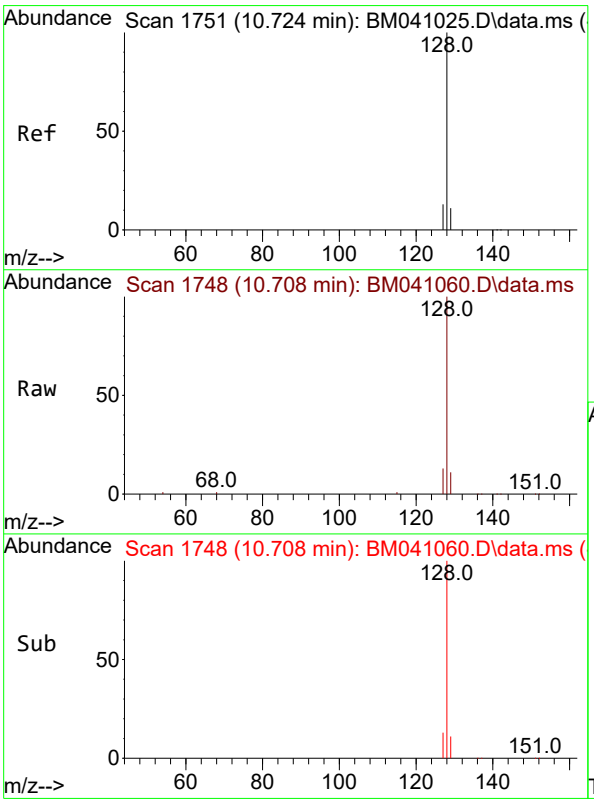
#2
1,4-Dioxane
Concen: 0.256 ng/ul
RT: 3.297 min Scan# 2
Delta R.T. -0.017 min
Lab File: BM041060.D
Acq: 22 Jul 2023 18:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 1721

Ion	Ratio	Lower	Upper
88	100		
43	589.9	46.7	70.1#
58	23.2	40.3	60.5#

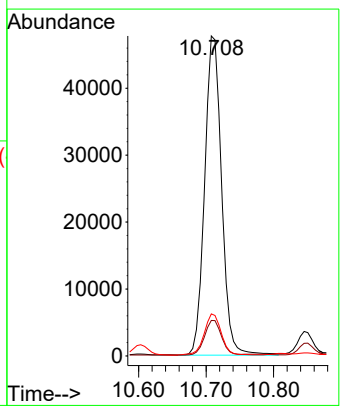


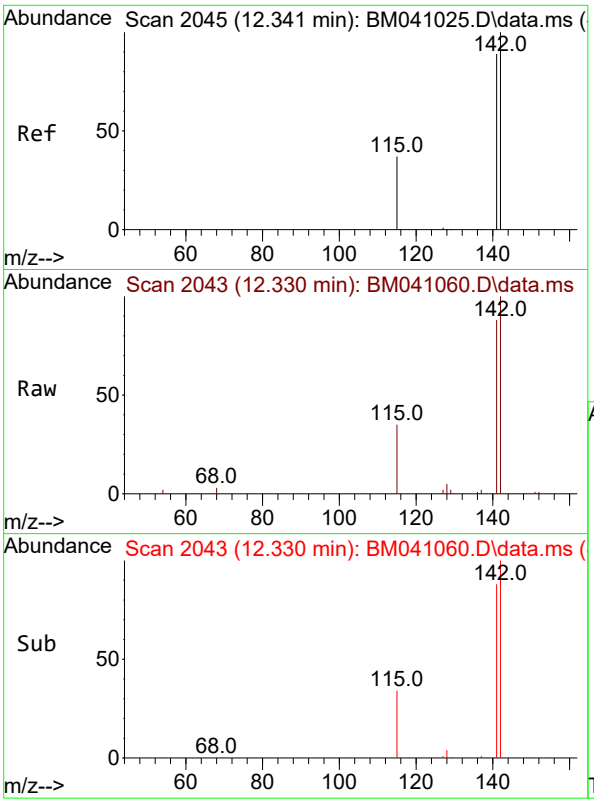


#5
Naphthalene
Concen: 2.386 ng/ul
RT: 10.708 min Scan# 1748
Delta R.T. -0.011 min
Lab File: BM041060.D
Acq: 22 Jul 2023 18:49

Tgt Ion:128 Resp: 83241

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.8	14.8
127	13.2	11.0	16.4



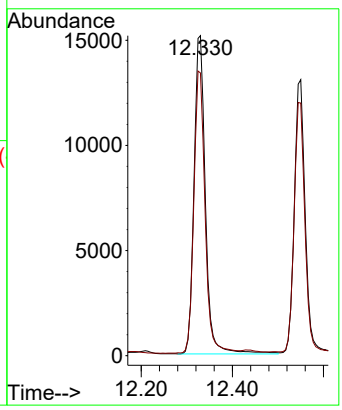


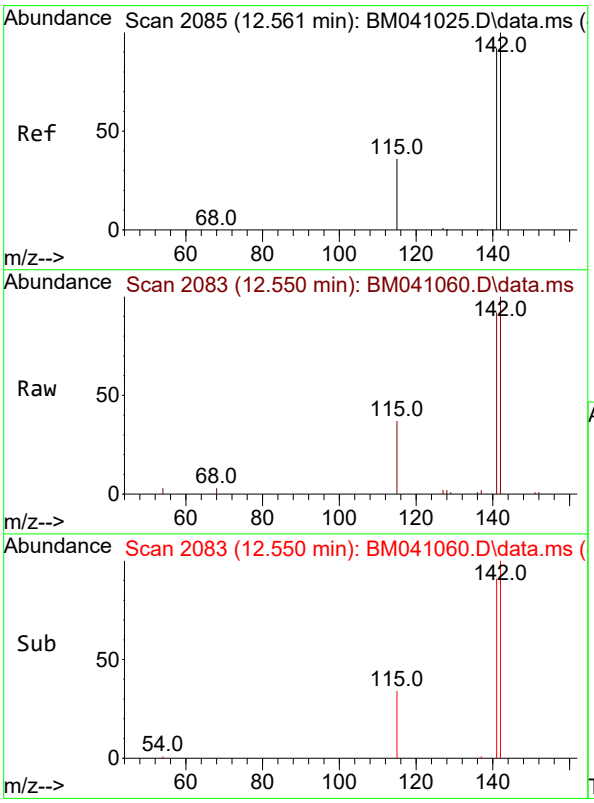
#7
2-Methylnaphthalene
Concen: 1.364 ng/ul
RT: 12.330 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM041060.D
Acq: 22 Jul 2023 18:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 26111

Ion	Ratio	Lower	Upper
142	100		
141	87.9	73.2	109.8

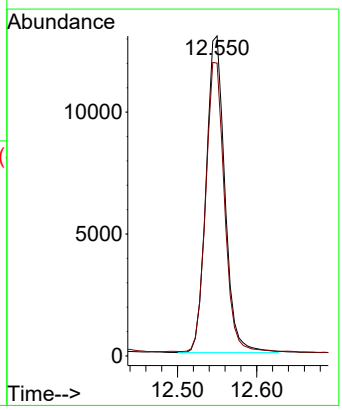


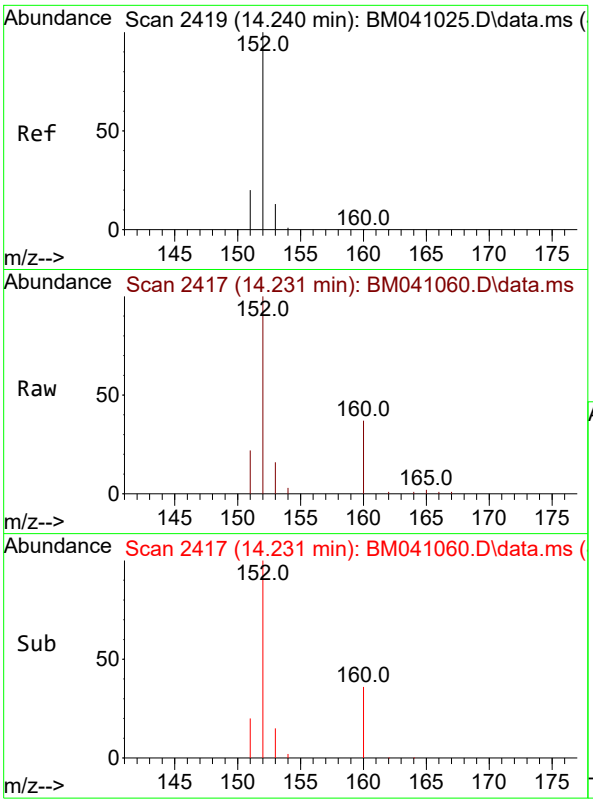


#8
1-Methylnaphthalene
Concen: 1.047 ng/ul
RT: 12.550 min Scan# 2083
Delta R.T. -0.005 min
Lab File: BM041060.D
Acq: 22 Jul 2023 18:49

Tgt Ion:142 Resp: 21292

Ion	Ratio	Lower	Upper
142	100		
141	90.7	73.4	110.2



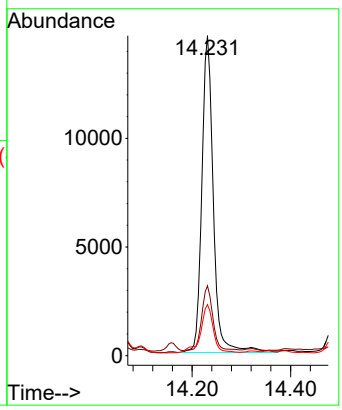


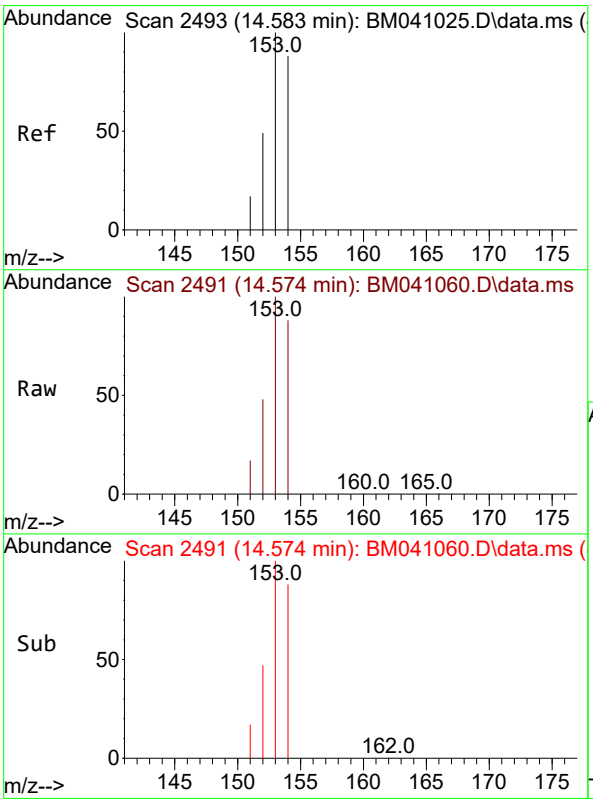
#10
Acenaphthylene
Concen: 0.798 ng/ul
RT: 14.231 min Scan# 24
Delta R.T. -0.004 min
Lab File: BM041060.D
Acq: 22 Jul 2023 18:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 23615

Ion	Ratio	Lower	Upper
152	100		
151	21.8	16.8	25.2
153	16.0	11.6	17.4

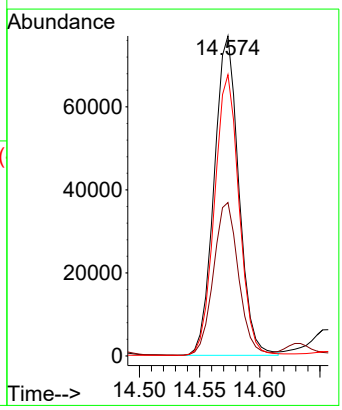


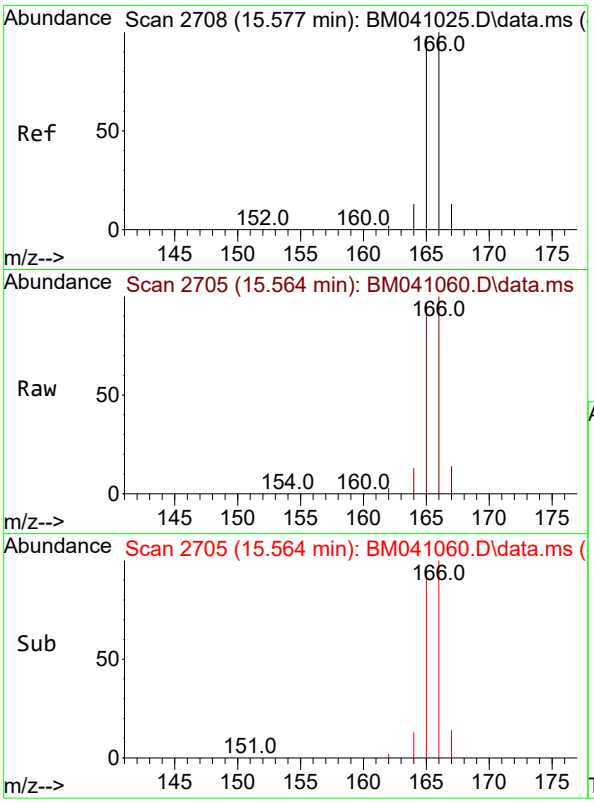


#11
Acenaphthene
Concen: 4.203 ng/ul
RT: 14.574 min Scan# 2491
Delta R.T. 0.000 min
Lab File: BM041060.D
Acq: 22 Jul 2023 18:49

Tgt Ion:153 Resp: 109683

Ion	Ratio	Lower	Upper
153	100		
152	47.9	41.0	61.6
154	87.9	68.2	102.2



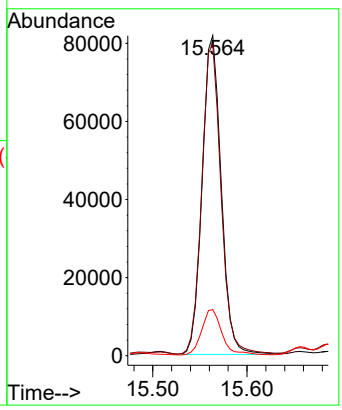


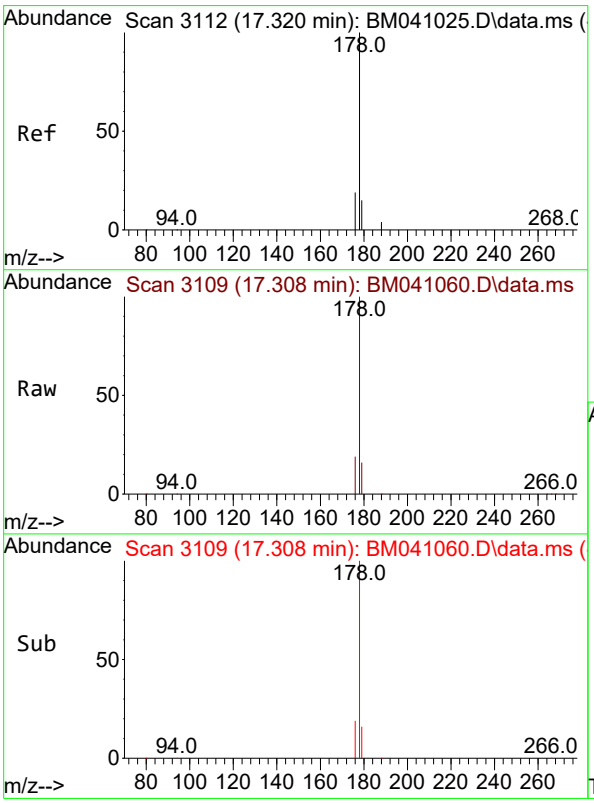
#12
Fluorene
Concen: 4.227 ng/ul
RT: 15.564 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM041060.D
Acq: 22 Jul 2023 18:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 114211

Ion	Ratio	Lower	Upper
166	100		
165	97.3	80.3	120.5
167	14.4	11.7	17.5

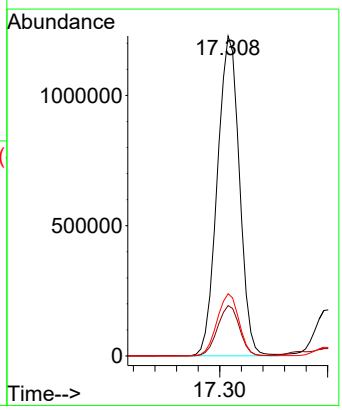


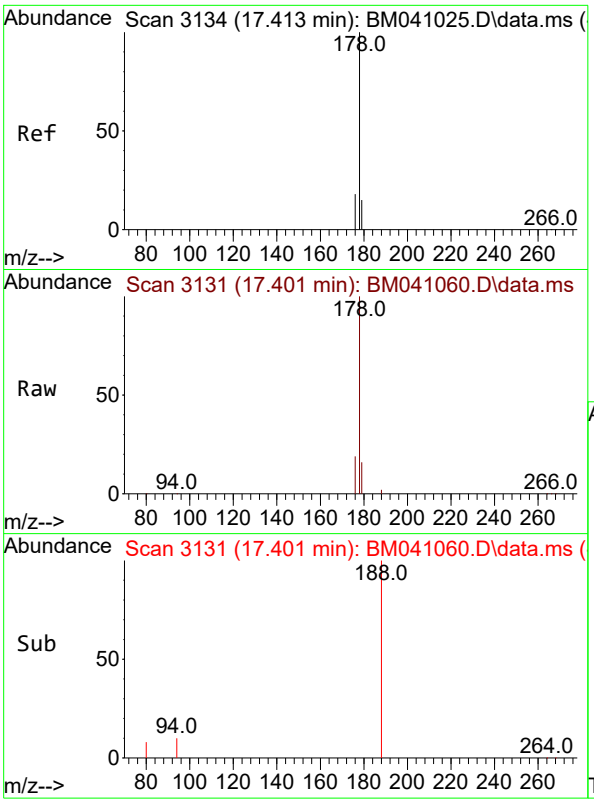


#15
Phenanthrene
Concen: 31.278 ng/ul
RT: 17.308 min Scan# 3109
Delta R.T. -0.008 min
Lab File: BM041060.D
Acq: 22 Jul 2023 18:49

Tgt Ion:178 Resp: 1747593

Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.0	19.6
176	19.5	16.2	24.4



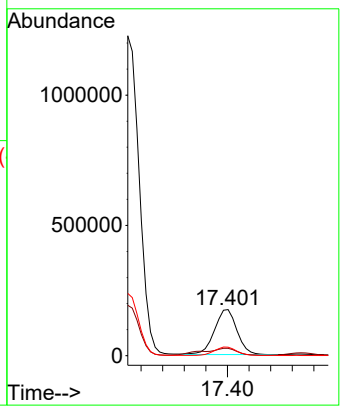


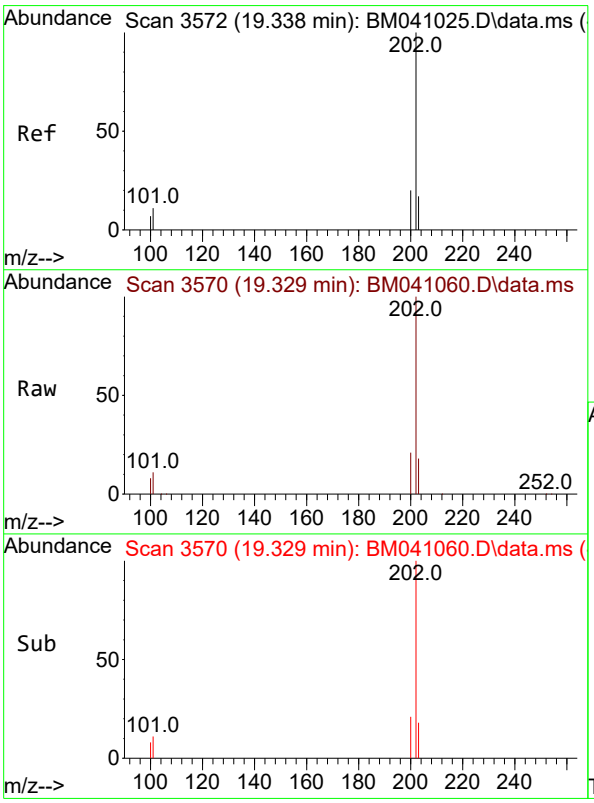
#16
Anthracene
Concen: 5.767 ng/ul
RT: 17.401 min Scan# 3
Delta R.T. -0.008 min
Lab File: BM041060.D
Acq: 22 Jul 2023 18:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 251074

Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.7	20.5
176	18.6	16.4	24.6

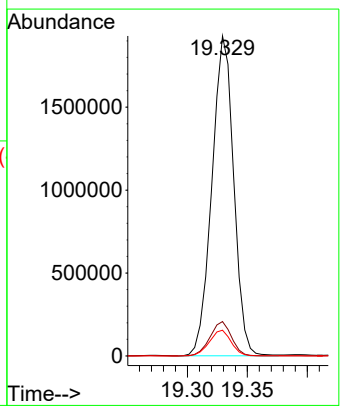


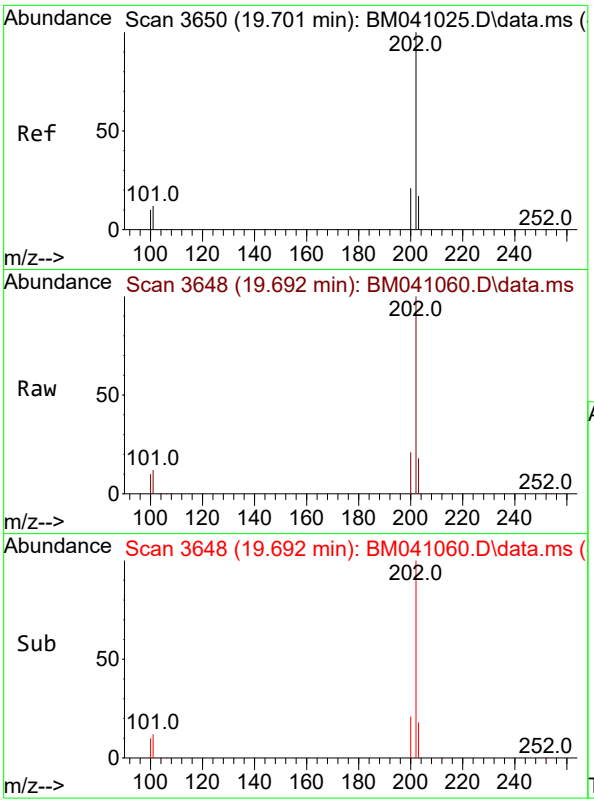


#19
Fluoranthene
Concen: 36.725 ng/ul
RT: 19.329 min Scan# 3570
Delta R.T. -0.004 min
Lab File: BM041060.D
Acq: 22 Jul 2023 18:49

Tgt Ion:202 Resp: 2443952

Ion	Ratio	Lower	Upper
202	100		
101	10.8	11.0	16.4#
100	8.1	8.3	12.5#



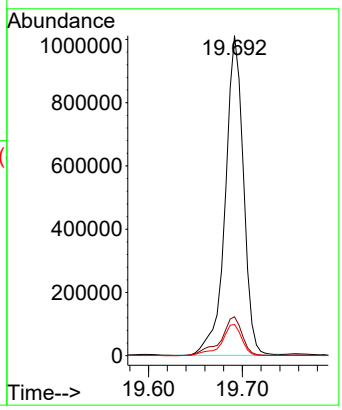


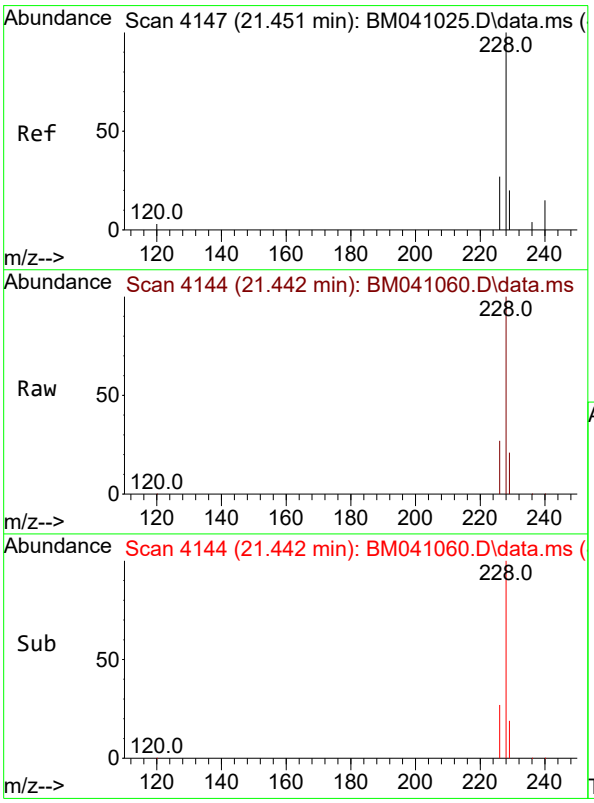
#20
Pyrene
Concen: 20.047 ng/ul
RT: 19.692 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM041060.D
Acq: 22 Jul 2023 18:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 1362923

Ion	Ratio	Lower	Upper
202	100		
101	12.2	12.5	18.7#
100	9.8	10.0	15.0#

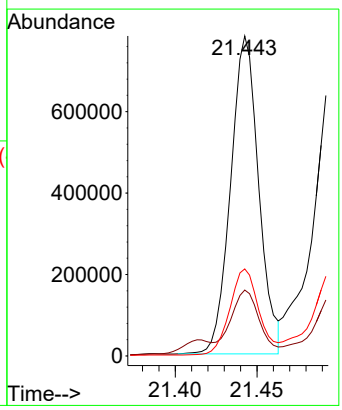


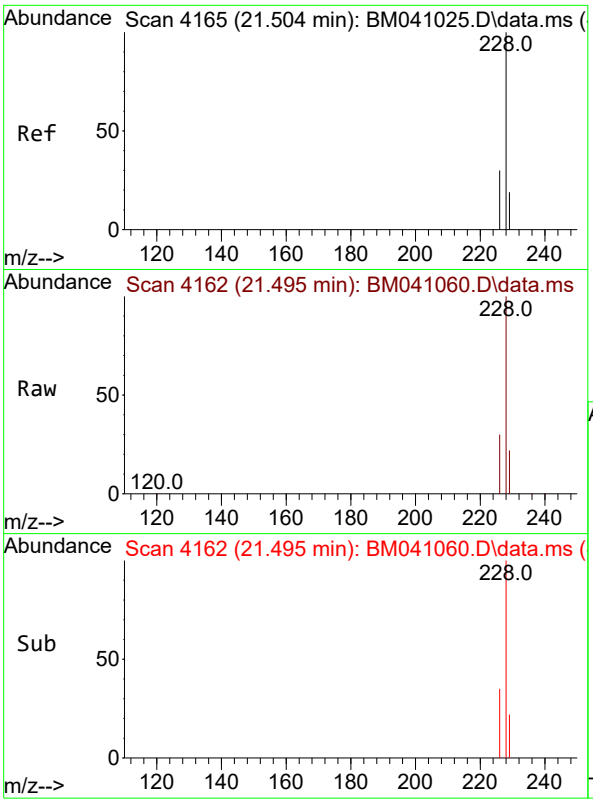


#21
Benzo(a)anthracene
Concen: 23.786 ng/ul
RT: 21.442 min Scan# 4144
Delta R.T. -0.006 min
Lab File: BM041060.D
Acq: 22 Jul 2023 18:49

Tgt Ion:228 Resp: 933922

Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.2	24.4
226	27.2	22.3	33.5



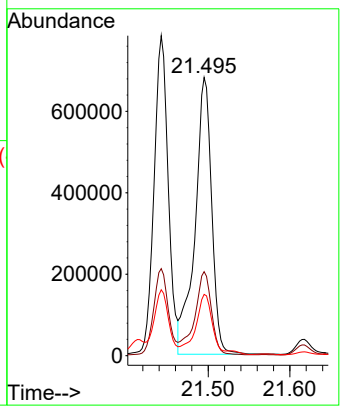


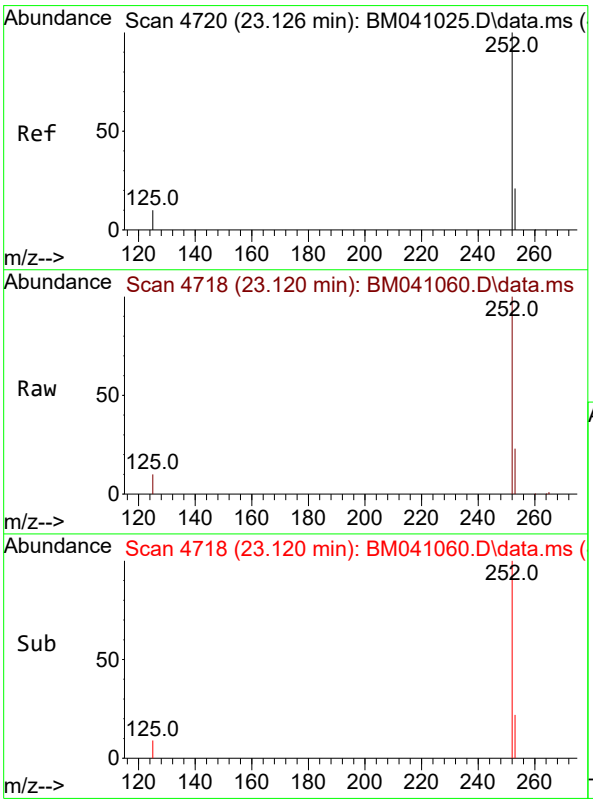
#22
Chrysene
Concen: 21.535 ng/ul
RT: 21.495 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM041060.D
Acq: 22 Jul 2023 18:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 966619

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.6	37.0
229	22.0	16.1	24.1

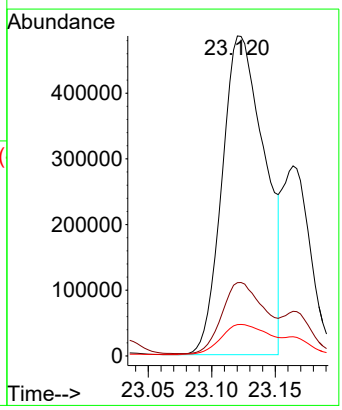


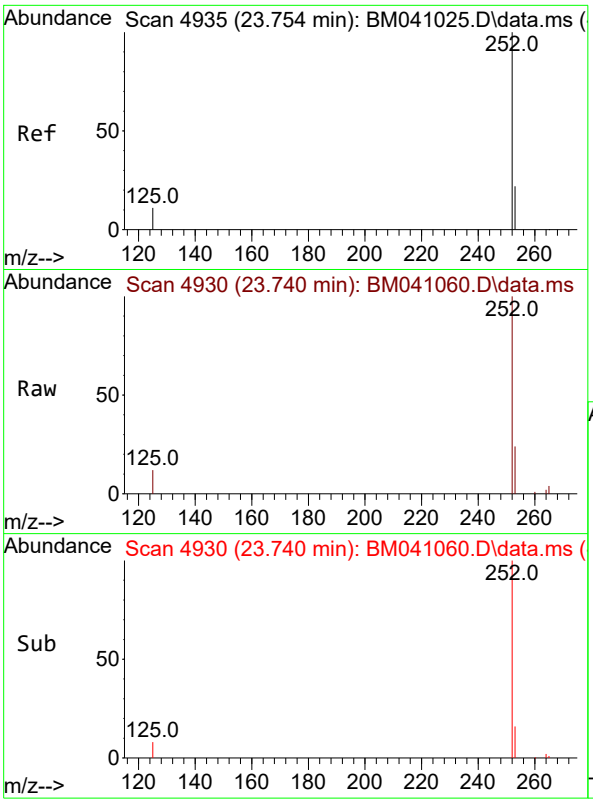


#24
Benzo(b)fluoranthene
Concen: 17.421 ng/ul
RT: 23.120 min Scan# 4718
Delta R.T. -0.006 min
Lab File: BM041060.D
Acq: 22 Jul 2023 18:49

Tgt Ion:252 Resp: 1134300

Ion	Ratio	Lower	Upper
252	100		
253	22.9	0.0	57.4
125	9.8	0.0	45.2



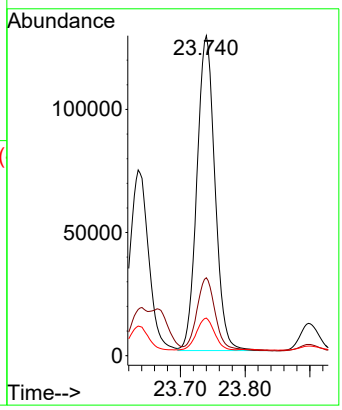


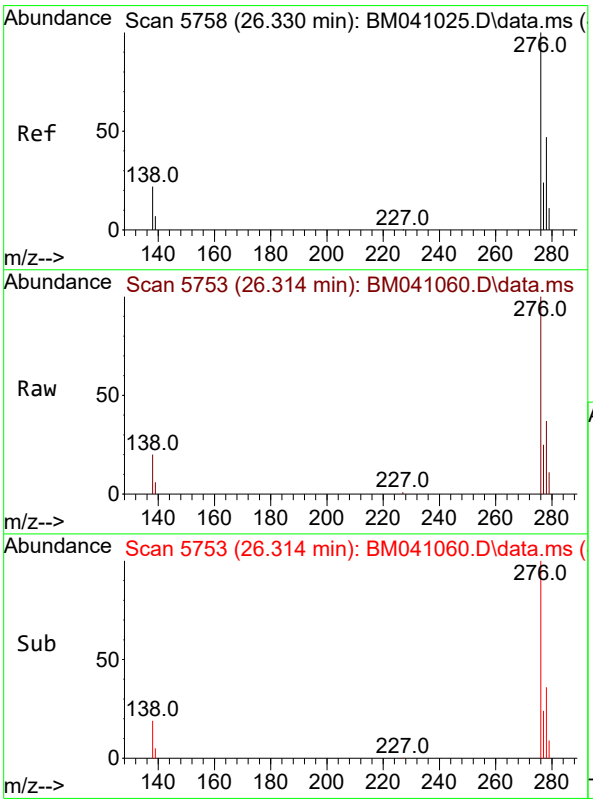
#26
Benzo(a)pyrene
Concen: 4.396 ng/ul
RT: 23.740 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM041060.D
Acq: 22 Jul 2023 18:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 247206

Ion	Ratio	Lower	Upper
252	100		
253	24.4	28.2	42.2#
125	11.7	25.2	37.8#

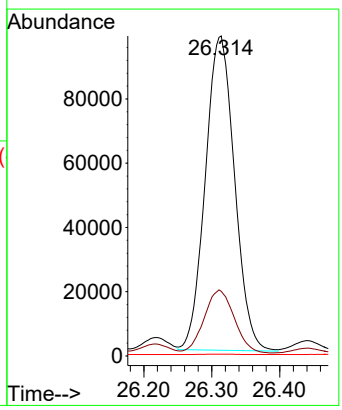


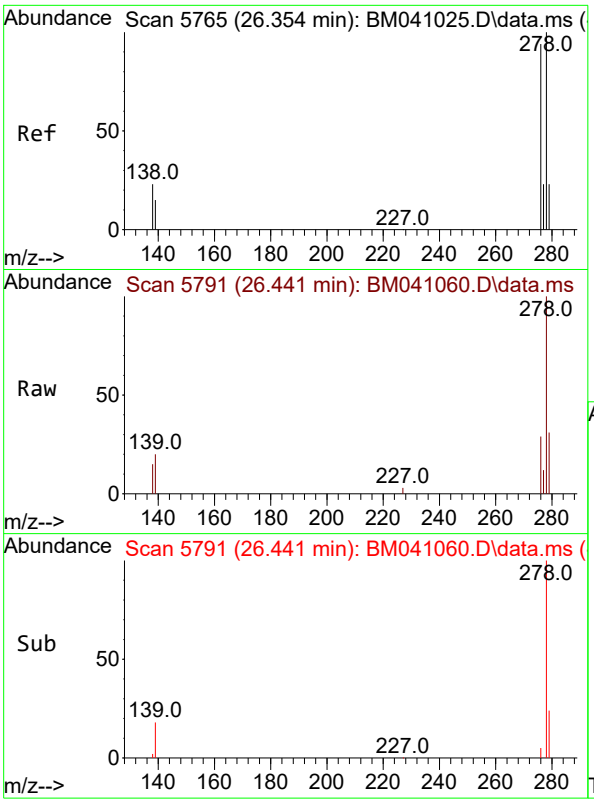


#27
Indeno(1,2,3-cd)pyrene
Concen: 3.918 ng/ul
RT: 26.314 min Scan# 5753
Delta R.T. -0.013 min
Lab File: BM041060.D
Acq: 22 Jul 2023 18:49

Tgt Ion:276 Resp: 292426

Ion	Ratio	Lower	Upper
276	100		
138	20.6	22.3	33.5#
227	0.2	0.0	0.0#



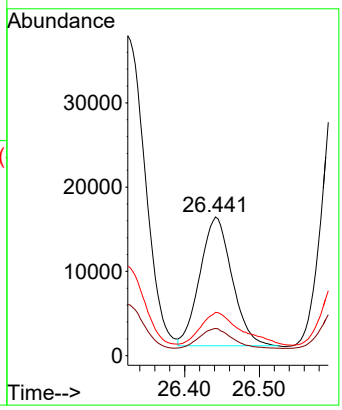


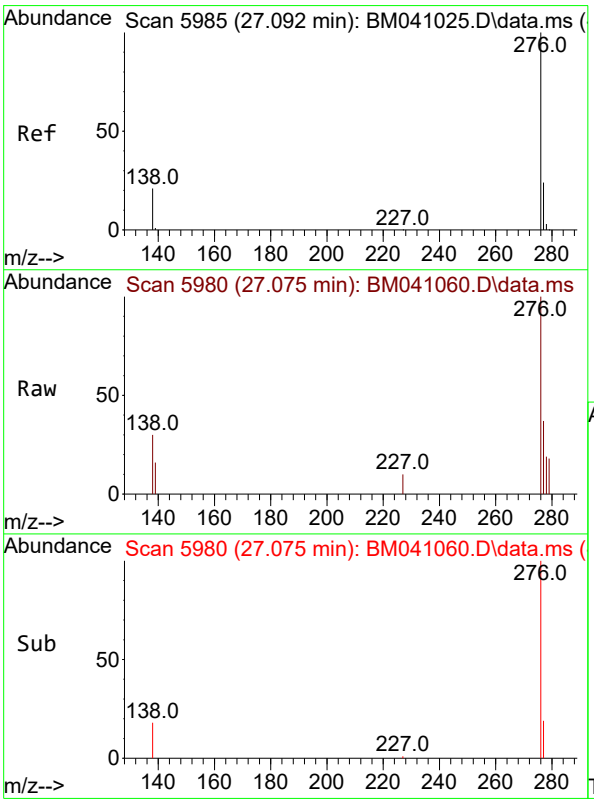
#28
Dibenzo(a,h)anthracene
Concen: 0.807 ng/ul
RT: 26.441 min Scan# 5
Delta R.T. 0.094 min
Lab File: BM041060.D
Acq: 22 Jul 2023 18:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 45570

Ion	Ratio	Lower	Upper
278	100		
139	19.6	19.2	28.8
279	31.3	27.0	40.6





#29
Benzo(g,h,i)perylene
Concen: 0.253 ng/ul
RT: 27.075 min Scan# 5980
Delta R.T. -0.010 min
Lab File: BM041060.D
Acq: 22 Jul 2023 18:49

Tgt Ion:276 Resp: 17426

Ion	Ratio	Lower	Upper
276	100		
138	30.3	22.6	34.0
277	36.6	21.2	31.8#