Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
Data File : BM041061.D
Acq On : 22 Jul 2023 19:26
Operator : MA/JU
Sample : 03504-09
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jul 22 22:37:53 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	5415	0.400	ng/ul	0.00
4) Naphthalene-d8	10.664	136	19495	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.509	164	11263	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.265	188	24319	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.457	240	16137	0.400	ng/ul	# 0.00
23) Perylene-d12	23.848	264	14430	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	8909	1.001	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.253	152	5762	0.222	ng/ul	-0.01
18) Fluoranthene-d10	19.297	212	11378	0.168	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.292	88	2021	0.216	ng/ul#	1
5) Naphthalene	10.713	128	3008	0.056	ng/ul#	85
7) 2-Methylnaphthalene	12.330	142	908	0.031	ng/ul	92
8) 1-Methylnaphthalene	12.550	142	789	0.025	ng/ul	92
10) Acenaphthylene	14.231	152	6361	0.135	ng/ul	96
11) Acenaphthene	14.574	153	3489	0.084	ng/ul	97
12) Fluorene	15.564	166	5122	0.119	ng/ul	97
15) Phenanthrene	17.308	178	105417	1.450	ng/ul	98
16) Anthracene	17.396	178	13233	0.234	ng/ul	98
19) Fluoranthene	19.329	202	217071	2.605	ng/ul#	91
20) Pyrene	19.692	202	132158	1.553	ng/ul#	92
21) Benzo(a)anthracene	21.440	228	66331	1.349	ng/ul	99
22) Chrysene	21.495	228	74810	1.331	ng/ul	99
24) Benzo(b)fluoranthene	23.120	252	87721	1.584	ng/ul	87
26) Benzo(a)pyrene	23.740	252	14565	0.304	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.314	276	28517	0.449	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.321	278	8824	0.184	ng/ul	91
29) Benzo(g,h,i)perylene	27.078	276	2052	0.035	ng/ul#	53

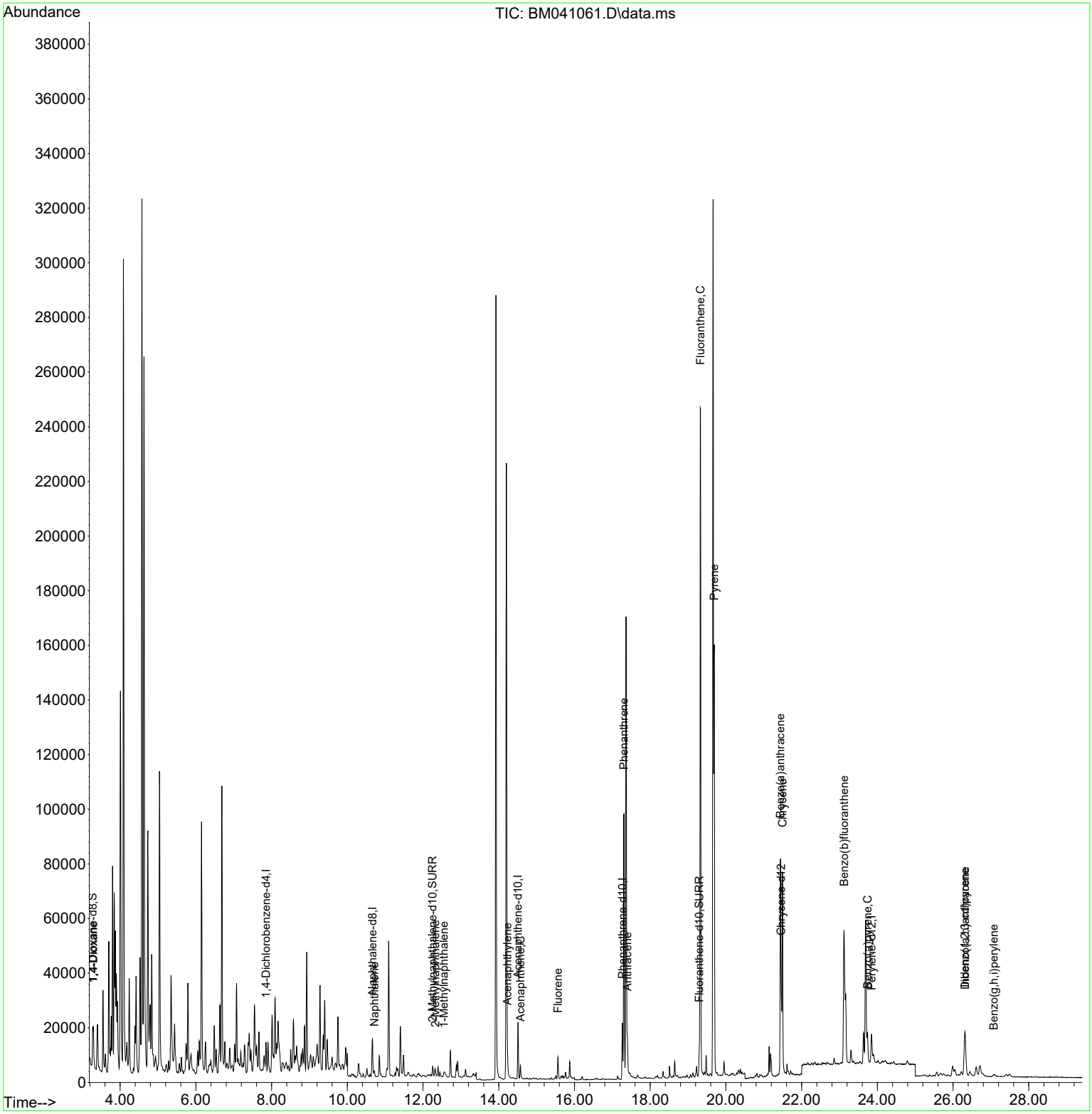
(#) = qualifier out of range (m) = manual integration (+) = signals summed

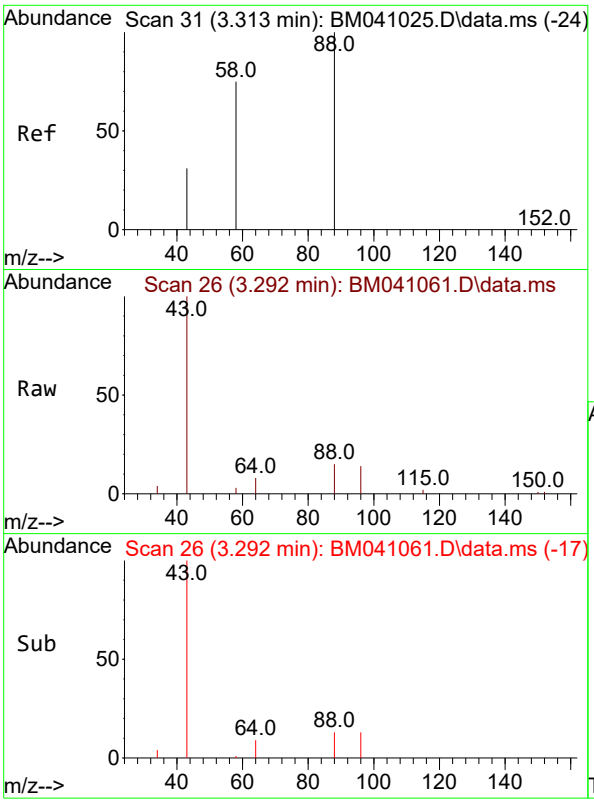
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
Data File : BM041061.D
Acq On : 22 Jul 2023 19:26
Operator : MA/JU
Sample : 03504-09
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jul 22 22:37:53 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



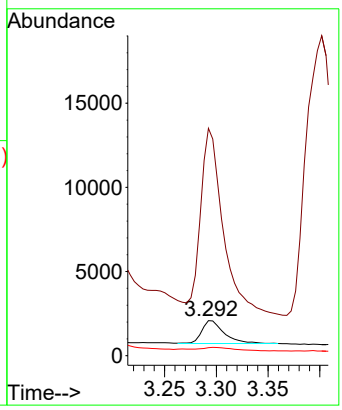


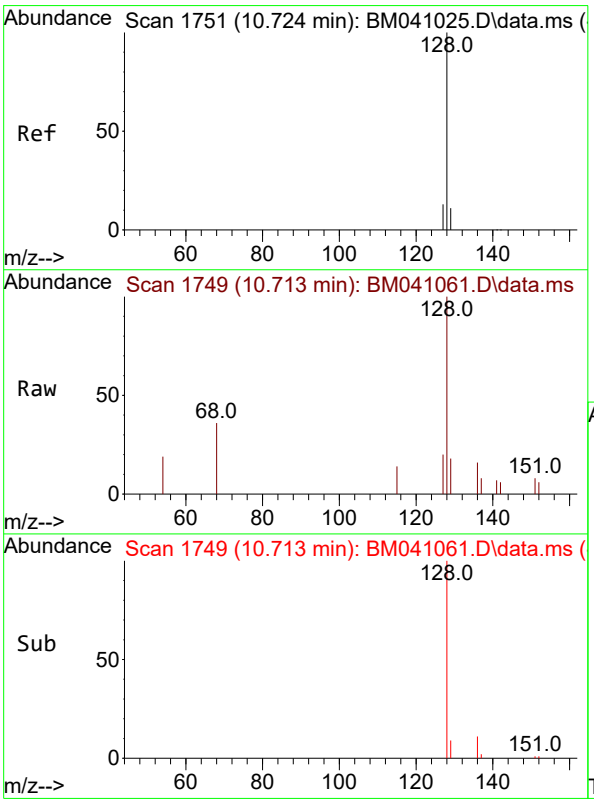
#2
1,4-Dioxane
Concen: 0.216 ng/ul
RT: 3.292 min Scan# 2
Delta R.T. -0.021 min
Lab File: BM041061.D
Acq: 22 Jul 2023 19:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 2021

Ion	Ratio	Lower	Upper
88	100		
43	650.1	46.7	70.1#
58	22.7	40.3	60.5#

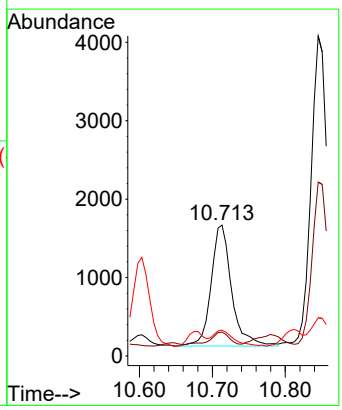


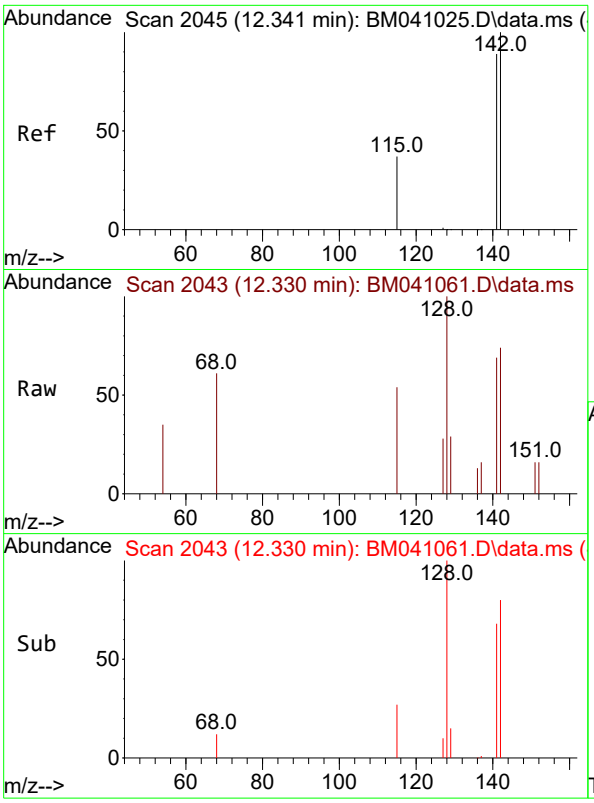


#5
Naphthalene
Concen: 0.056 ng/ul
RT: 10.713 min Scan# 1749
Delta R.T. -0.005 min
Lab File: BM041061.D
Acq: 22 Jul 2023 19:26

Tgt Ion:128 Resp: 3008

Ion	Ratio	Lower	Upper
128	100		
129	18.3	9.8	14.8#
127	19.8	11.0	16.4#



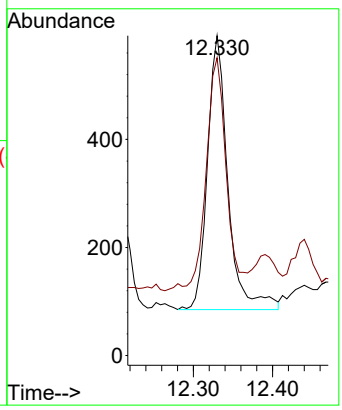


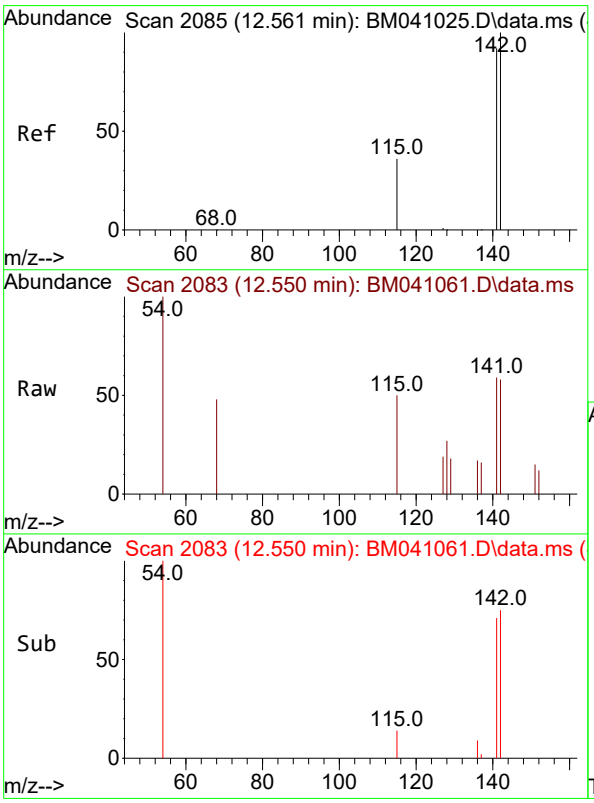
#7
2-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.330 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM041061.D
Acq: 22 Jul 2023 19:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 908

Ion	Ratio	Lower	Upper
142	100		
141	84.4	73.2	109.8

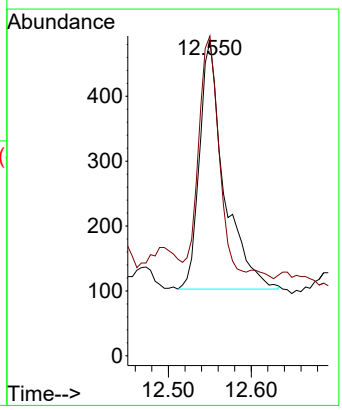


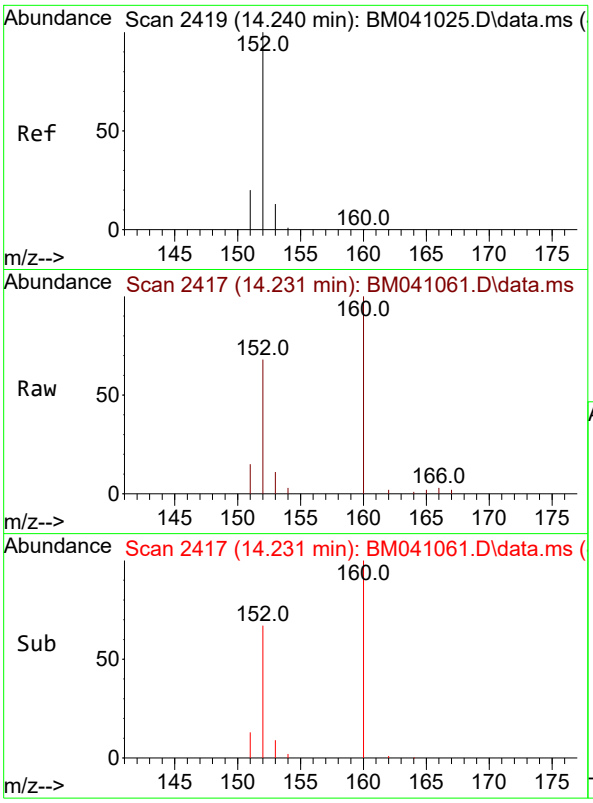


#8
1-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.550 min Scan# 2083
Delta R.T. -0.005 min
Lab File: BM041061.D
Acq: 22 Jul 2023 19:26

Tgt Ion:142 Resp: 789

Ion	Ratio	Lower	Upper
142	100		
141	83.8	73.4	110.2



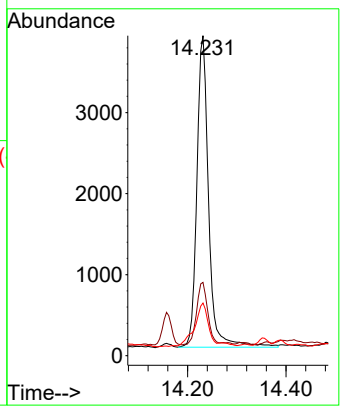


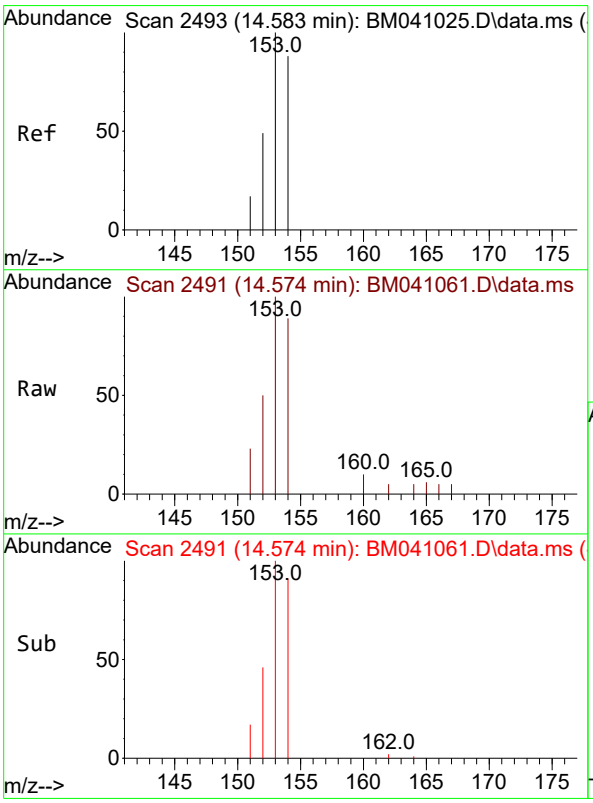
#10
Acenaphthylene
Concen: 0.135 ng/ul
RT: 14.231 min Scan# 24
Delta R.T. -0.004 min
Lab File: BM041061.D
Acq: 22 Jul 2023 19:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 6361

Ion	Ratio	Lower	Upper
152	100		
151	22.9	16.8	25.2
153	16.5	11.6	17.4

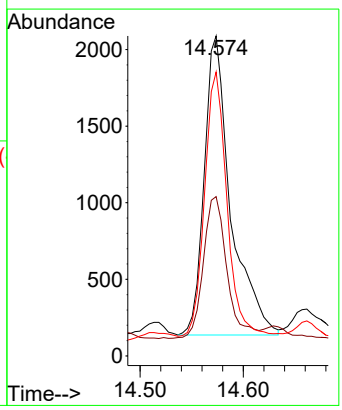


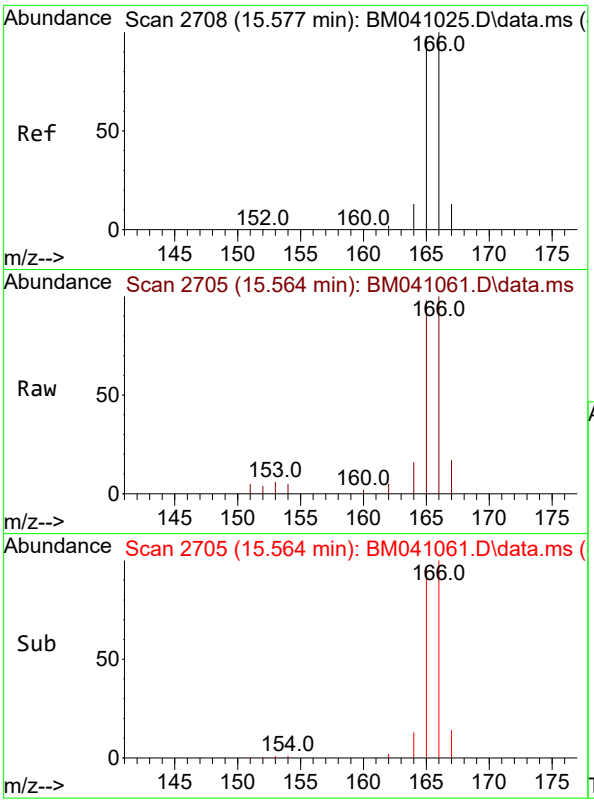


#11
Acenaphthene
Concen: 0.084 ng/ul
RT: 14.574 min Scan# 2491
Delta R.T. 0.000 min
Lab File: BM041061.D
Acq: 22 Jul 2023 19:26

Tgt Ion:153 Resp: 3489

Ion	Ratio	Lower	Upper
153	100		
152	49.8	41.0	61.6
154	88.8	68.2	102.2



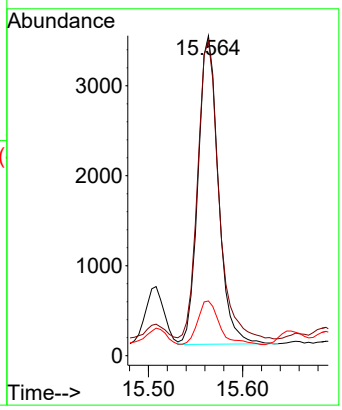


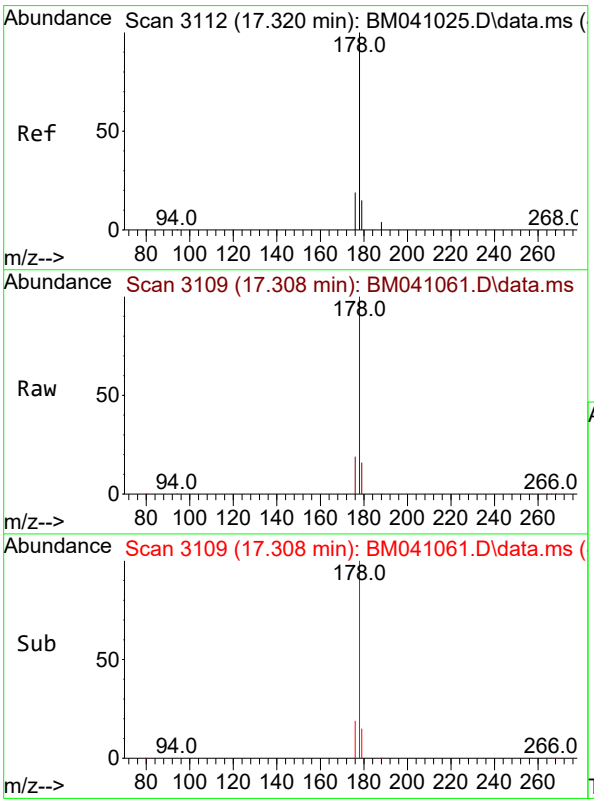
#12
Fluorene
Concen: 0.119 ng/ul
RT: 15.564 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM041061.D
Acq: 22 Jul 2023 19:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 5122

Ion	Ratio	Lower	Upper
166	100		
165	98.4	80.3	120.5
167	17.1	11.7	17.5

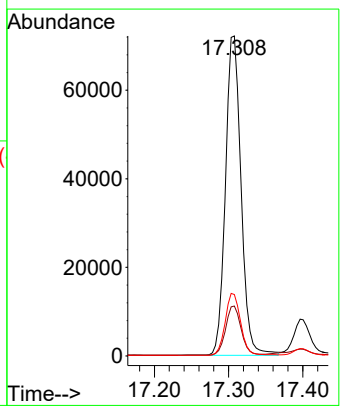


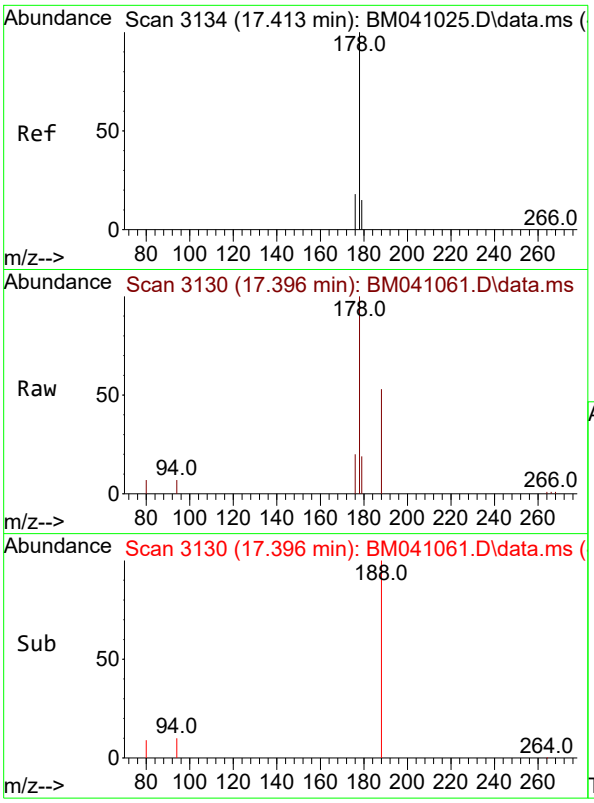


#15
Phenanthrene
Concen: 1.450 ng/ul
RT: 17.308 min Scan# 3109
Delta R.T. -0.008 min
Lab File: BM041061.D
Acq: 22 Jul 2023 19:26

Tgt Ion:178 Resp: 105417

Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.0	19.6
176	19.2	16.2	24.4



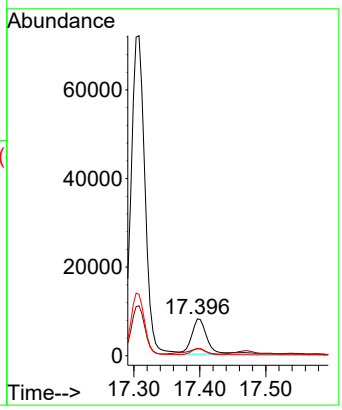


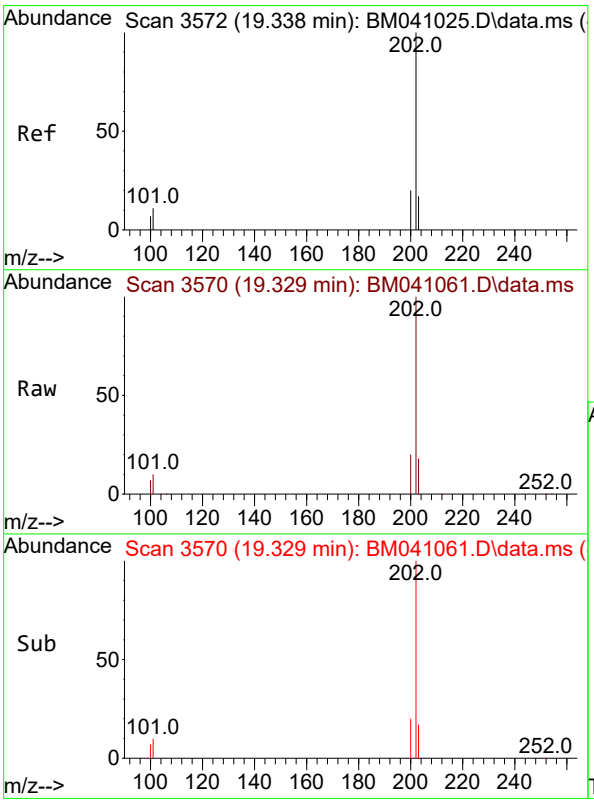
#16
Anthracene
Concen: 0.234 ng/ul
RT: 17.396 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM041061.D
Acq: 22 Jul 2023 19:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 13233

Ion	Ratio	Lower	Upper
178	100		
179	18.7	13.7	20.5
176	20.1	16.4	24.6

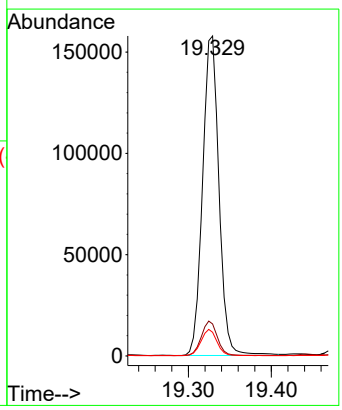


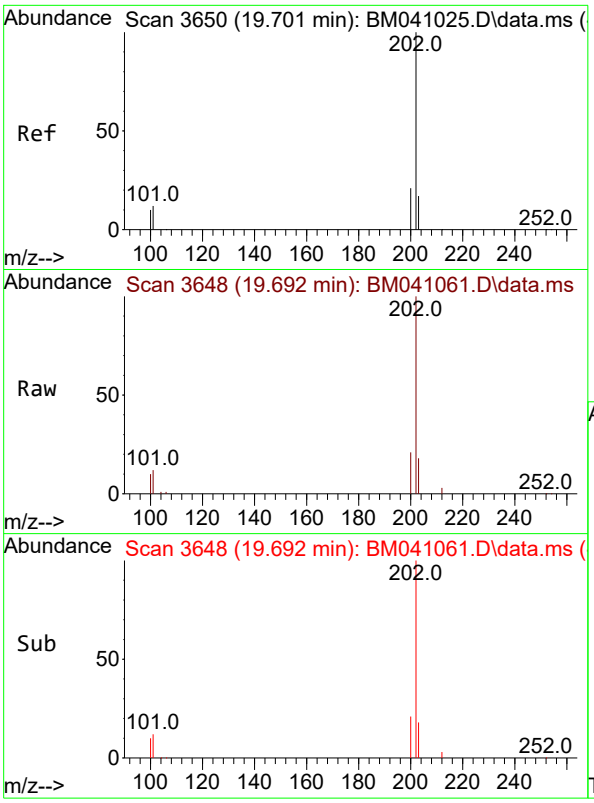


#19
Fluoranthene
Concen: 2.605 ng/ul
RT: 19.329 min Scan# 3570
Delta R.T. -0.004 min
Lab File: BM041061.D
Acq: 22 Jul 2023 19:26

Tgt Ion:202 Resp: 217071

Ion	Ratio	Lower	Upper
202	100		
101	10.0	11.0	16.4#
100	7.4	8.3	12.5#



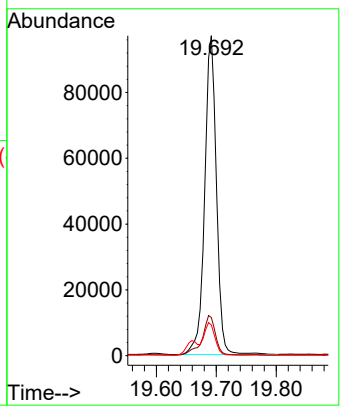


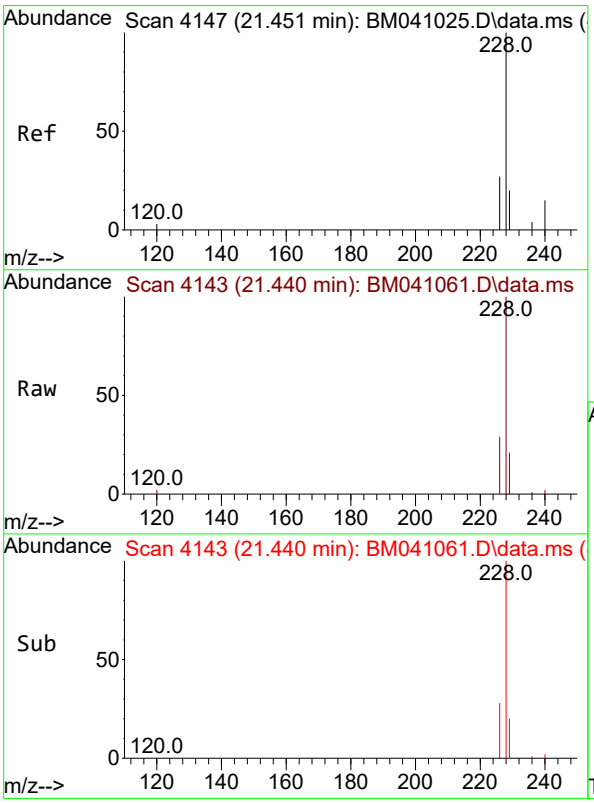
#20
Pyrene
Concen: 1.553 ng/ul
RT: 19.692 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM041061.D
Acq: 22 Jul 2023 19:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 132158

Ion	Ratio	Lower	Upper
202	100		
101	12.0	12.5	18.7#
100	9.6	10.0	15.0#

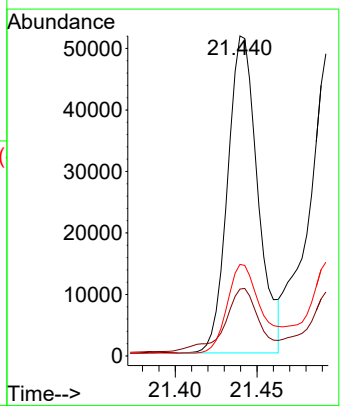


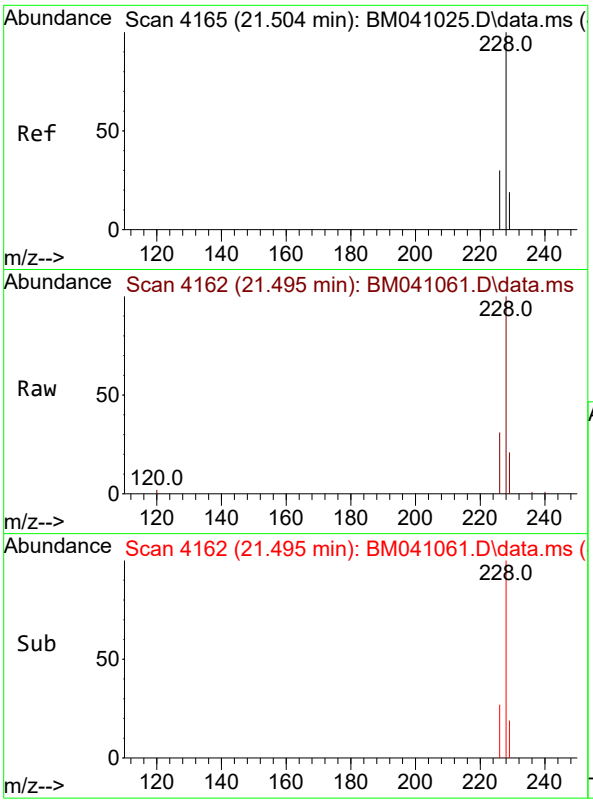


#21
Benzo(a)anthracene
Concen: 1.349 ng/ul
RT: 21.440 min Scan# 4143
Delta R.T. -0.009 min
Lab File: BM041061.D
Acq: 22 Jul 2023 19:26

Tgt Ion:228 Resp: 66331

Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.2	24.4
226	28.6	22.3	33.5



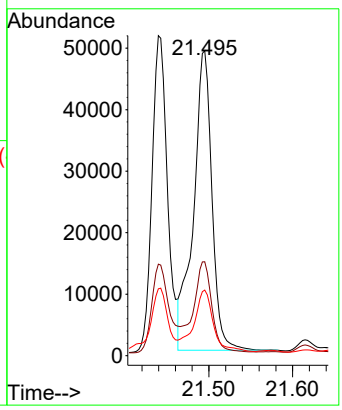


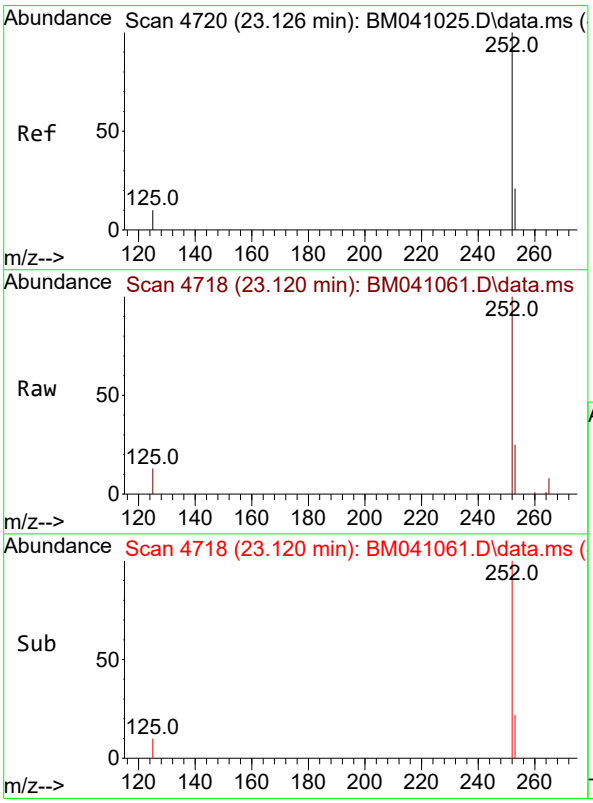
#22
Chrysene
Concen: 1.331 ng/ul
RT: 21.495 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM041061.D
Acq: 22 Jul 2023 19:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 74810

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.6	37.0
229	21.5	16.1	24.1

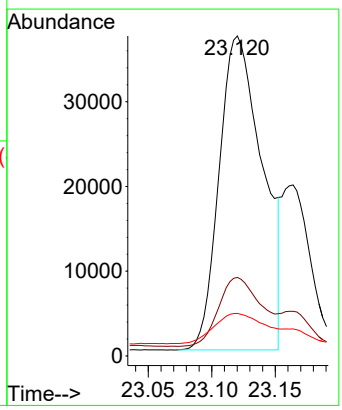


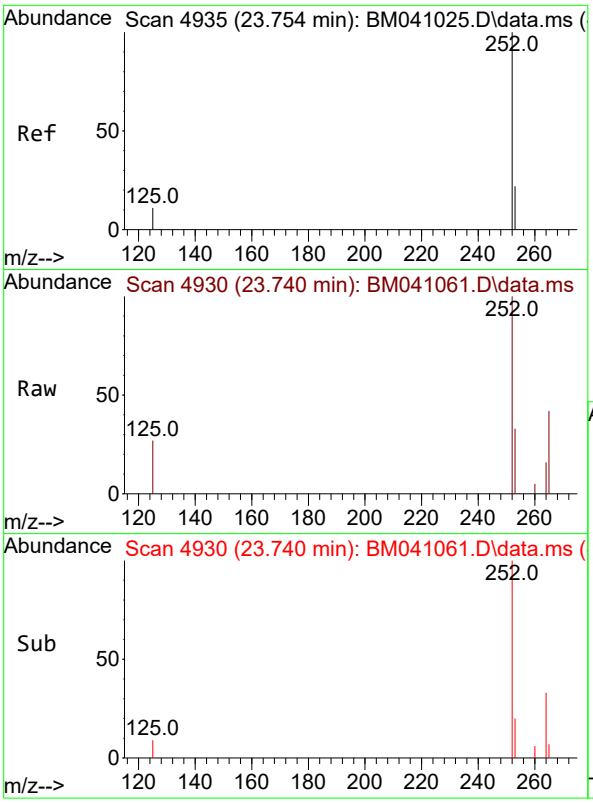


#24
Benzo(b)fluoranthene
Concen: 1.584 ng/ul
RT: 23.120 min Scan# 4718
Delta R.T. -0.006 min
Lab File: BM041061.D
Acq: 22 Jul 2023 19:26

Tgt Ion:252 Resp: 87721

Ion	Ratio	Lower	Upper
252	100		
253	24.5	0.0	57.4
125	13.3	0.0	45.2



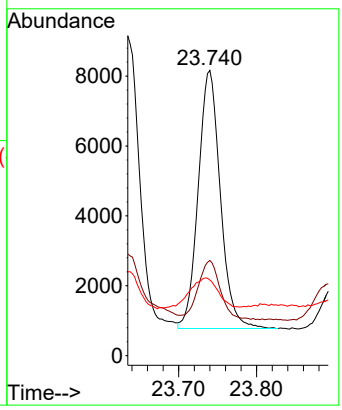


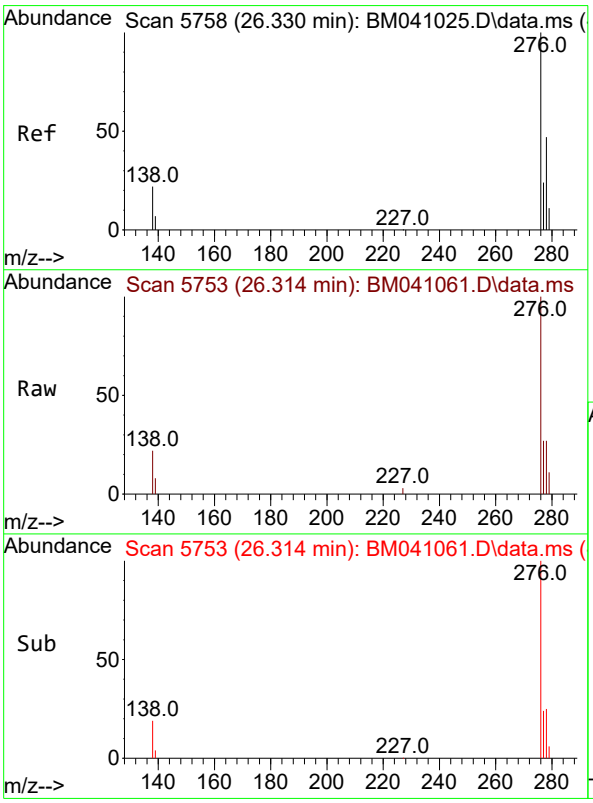
#26
Benzo(a)pyrene
Concen: 0.304 ng/ul
RT: 23.740 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM041061.D
Acq: 22 Jul 2023 19:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 14565

Ion	Ratio	Lower	Upper
252	100		
253	33.4	28.2	42.2
125	26.5	25.2	37.8

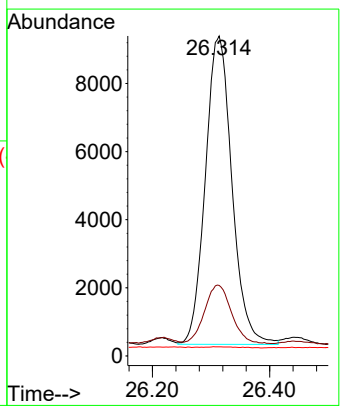


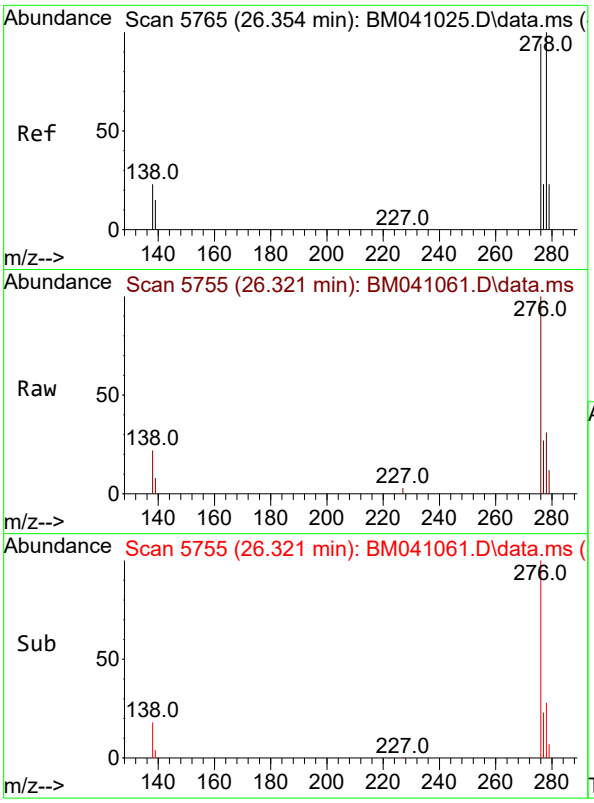


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.449 ng/ul
RT: 26.314 min Scan# 5753
Delta R.T. -0.013 min
Lab File: BM041061.D
Acq: 22 Jul 2023 19:26

Tgt Ion:276 Resp: 28517

Ion	Ratio	Lower	Upper
276	100		
138	19.3	22.3	33.5#
227	0.2	0.0	0.0#



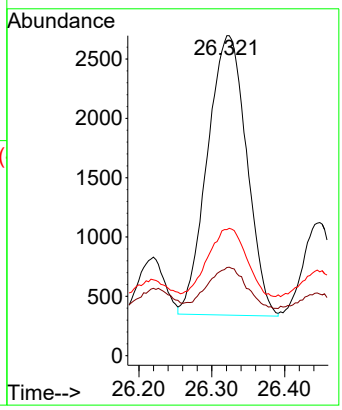


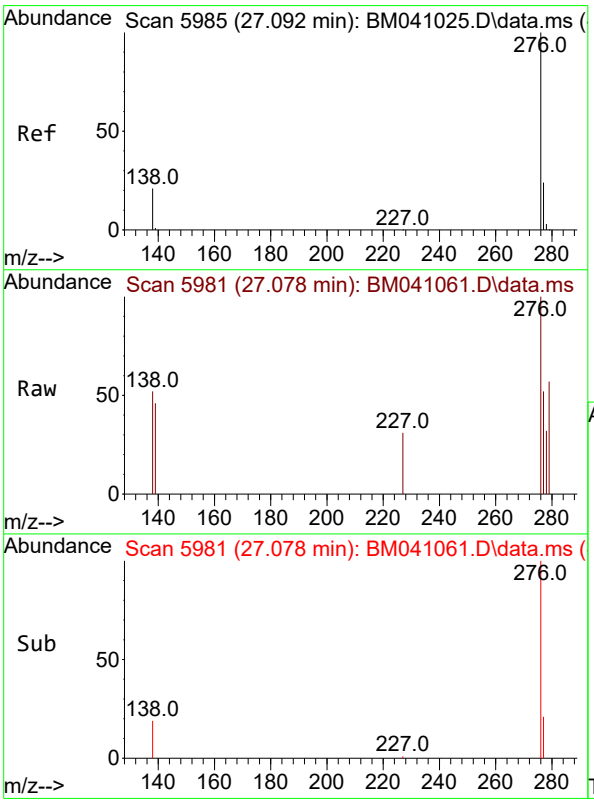
#28
Dibenzo(a,h)anthracene
Concen: 0.184 ng/ul
RT: 26.321 min Scan# 5
Delta R.T. -0.027 min
Lab File: BM041061.D
Acq: 22 Jul 2023 19:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 8824

Ion	Ratio	Lower	Upper
278	100		
139	27.5	19.2	28.8
279	39.4	27.0	40.6





#29
Benzo(g,h,i)perylene
Concen: 0.035 ng/ul
RT: 27.078 min Scan# 5981
Delta R.T. -0.006 min
Lab File: BM041061.D
Acq: 22 Jul 2023 19:26

Tgt Ion:276 Resp: 2052

Ion	Ratio	Lower	Upper
276	100		
138	52.0	22.6	34.0#
277	51.7	21.2	31.8#