Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
Data File : BM041027.D
Acq On : 21 Jul 2023 21:15
Operator : MA/JU
Sample : 03444-11DL 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jul 21 23:51:27 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 : Fri Jul 21 18:20:46 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	4607	0.400	ng/ul	0.00
4) Naphthalene-d8	10.669	136	15127	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.518	164	7503	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.270	188	15541	0.400	ng/ul	0.00
17) Chrysene-d12	21.463	240	13341	0.400	ng/ul	# 0.00
23) Perylene-d12	23.854	264	13235	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	2009	0.265	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.264	152	1151	0.057	ng/ul	0.00
18) Fluoranthene-d10	19.301	212	2325	0.041	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.719	128	6541	0.158	ng/ul	98
7) 2-Methylnaphthalene	12.341	142	816	0.036	ng/ul	95
8) 1-Methylnaphthalene	12.555	142	740	0.031	ng/ul	99
10) Acenaphthylene	14.236	152	3304	0.105	ng/ul#	91
11) Acenaphthene	14.578	153	3423	0.124	ng/ul	97
12) Fluorene	15.568	166	3869	0.135	ng/ul	99
15) Phenanthrene	17.312	178	77285	1.664	ng/ul	98
16) Anthracene	17.405	178	13043	0.360	ng/ul	98
19) Fluoranthene	19.329	202	141795	2.059	ng/ul	95
20) Pyrene	19.692	202	134185	1.907	ng/ul	95
21) Benzo(a)anthracene	21.445	228	53891	1.326	ng/ul	99
22) Chrysene	21.498	228	56319	1.212	ng/ul	99
24) Benzo(b)fluoranthene	23.126	252	69439	1.367	ng/ul	87
26) Benzo(a)pyrene	23.746	252	41217	0.939	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	26.317	276	35512	0.610	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.330	278	7709	0.175	ng/ul	97
29) Benzo(g,h,i)perylene	27.078	276	36416	0.677	ng/ul#	92

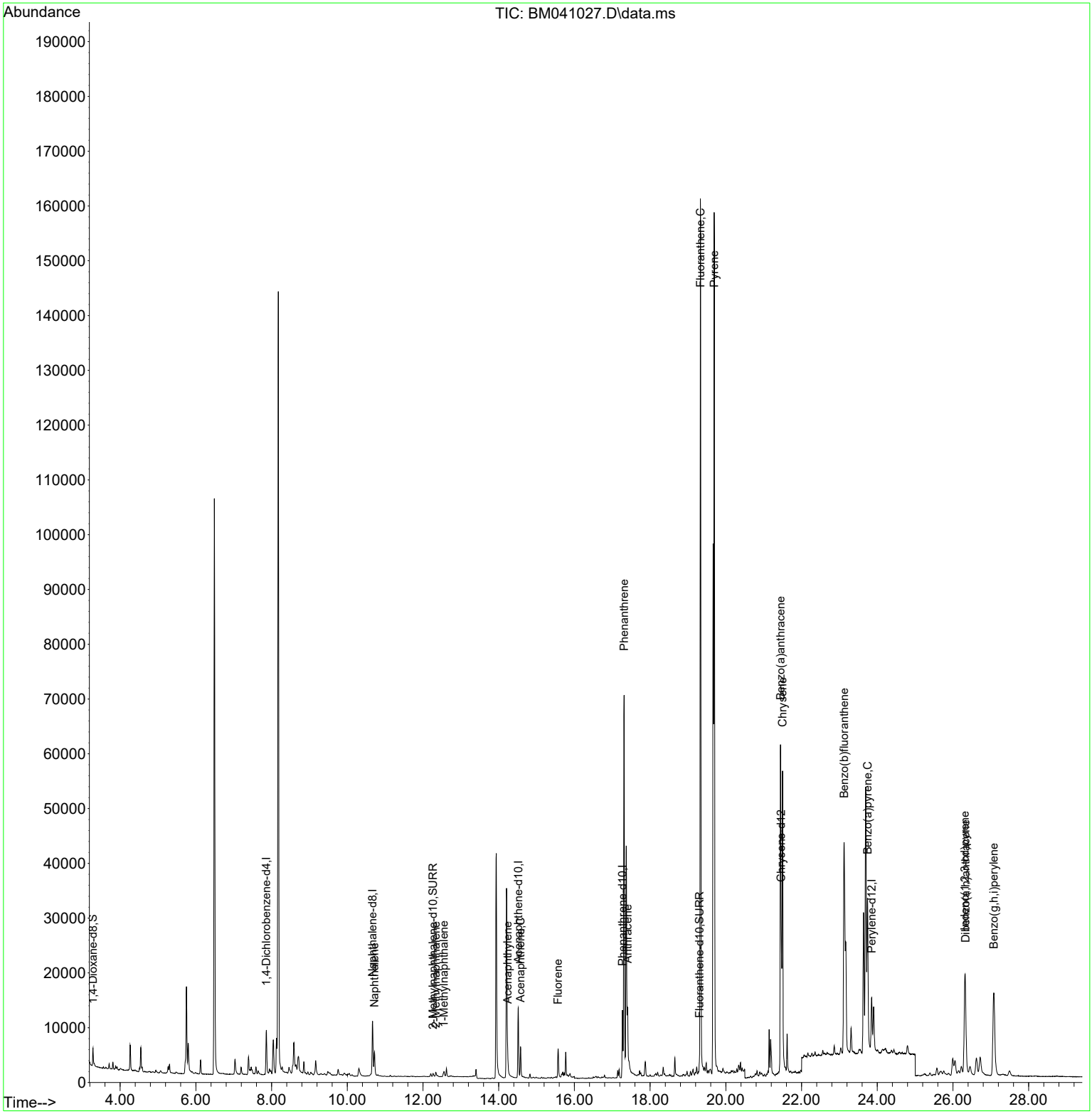
(#) = qualifier out of range (m) = manual integration (+) = signals summed

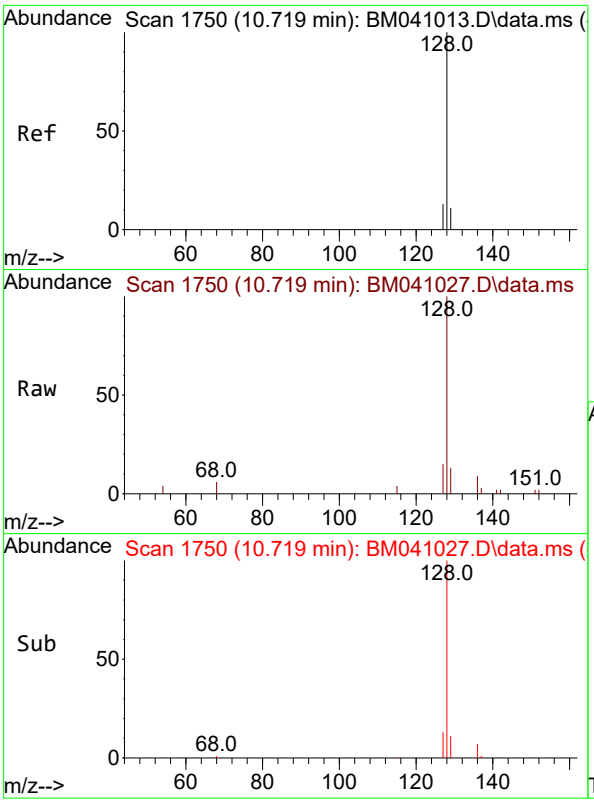
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
Data File : BM041027.D
Acq On : 21 Jul 2023 21:15
Operator : MA/JU
Sample : 03444-11DL 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jul 21 23:51:27 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 : Fri Jul 21 18:20:46 2023
Response via : Initial Calibration



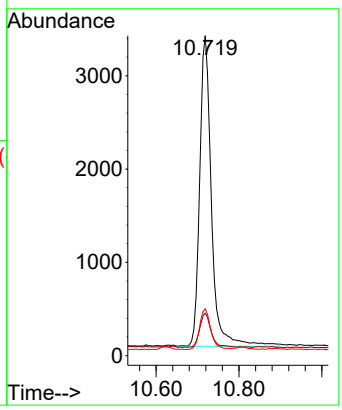


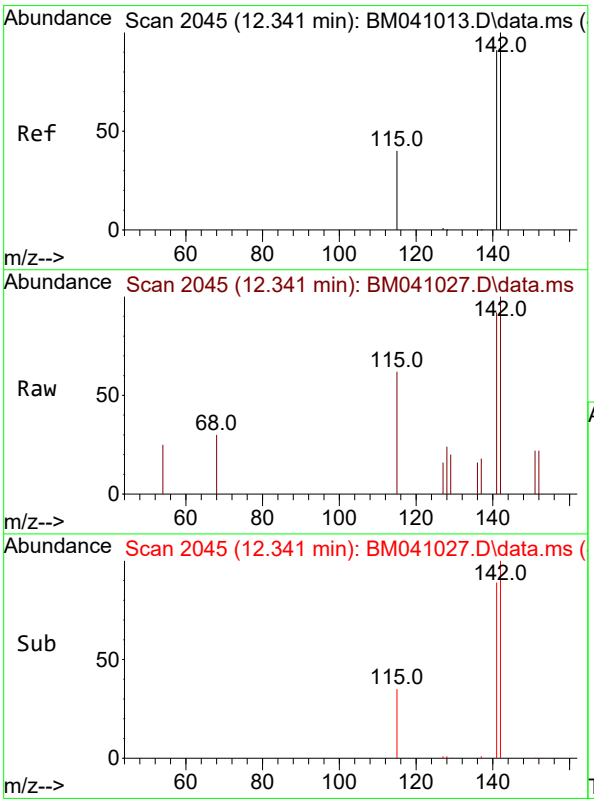
#5
Naphthalene
Concen: 0.158 ng/ul
RT: 10.719 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM041027.D
Acq: 21 Jul 2023 21:15

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 6541

Ion	Ratio	Lower	Upper
128	100		
129	13.3	9.8	14.8
127	14.7	11.0	16.4

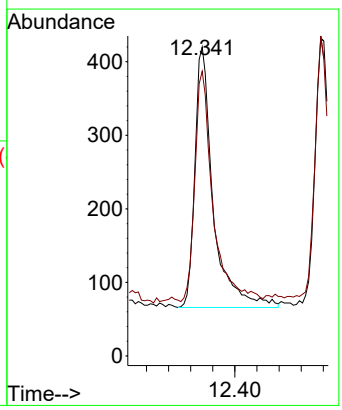


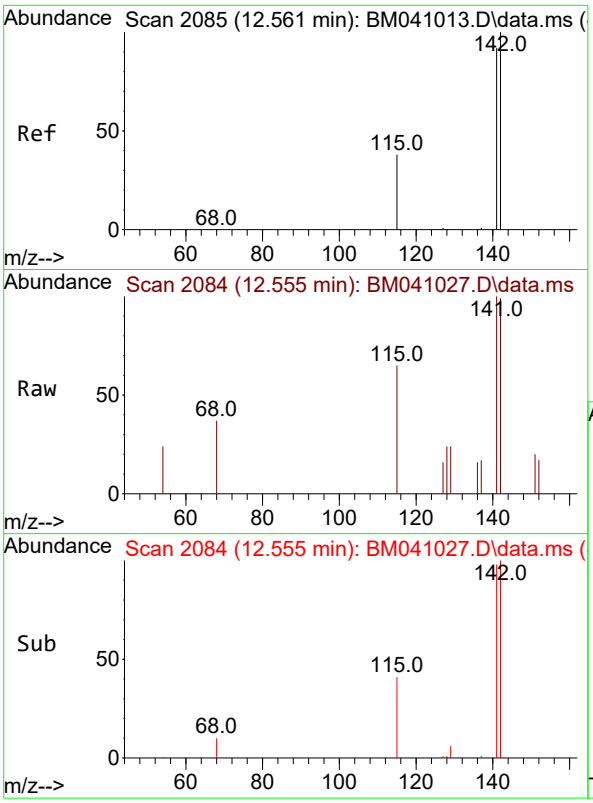


#7
2-Methylnaphthalene
Concen: 0.036 ng/ul
RT: 12.341 min Scan# 2045
Delta R.T. -0.000 min
Lab File: BM041027.D
Acq: 21 Jul 2023 21:15

Tgt Ion:142 Resp: 816

Ion	Ratio	Lower	Upper
142	100		
141	86.6	73.2	109.8



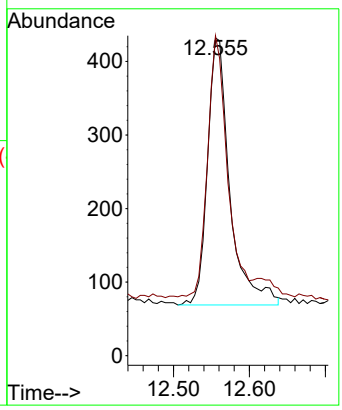


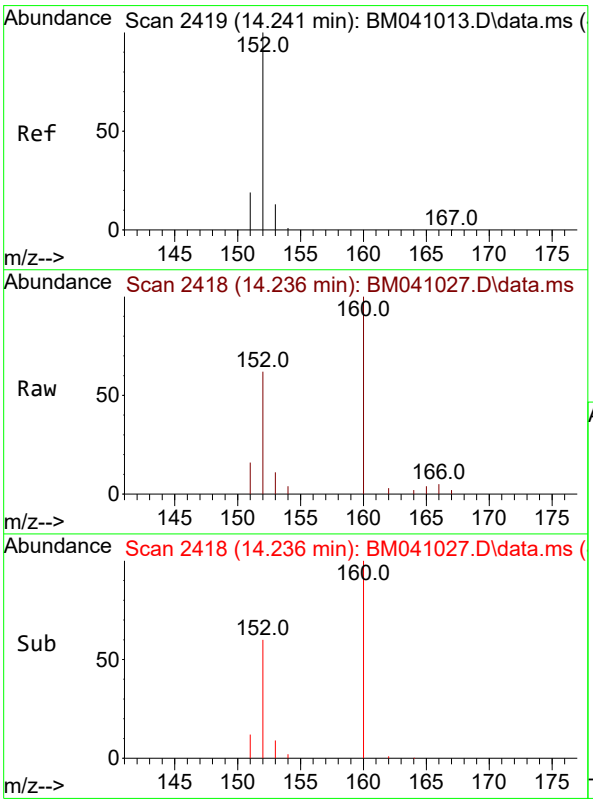
#8
1-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.555 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM041027.D
Acq: 21 Jul 2023 21:15

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 740

Ion	Ratio	Lower	Upper
142	100		
141	92.8	73.4	110.2

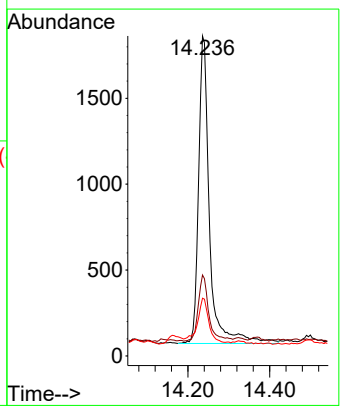


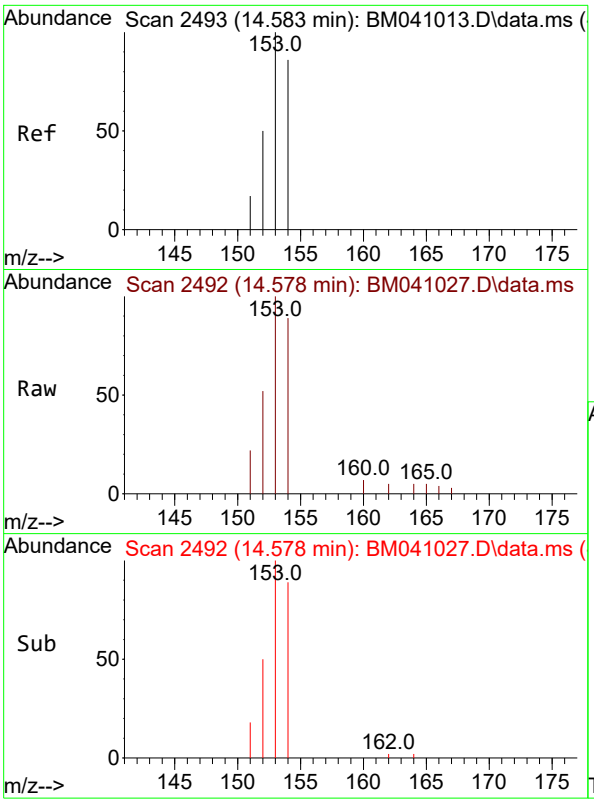


#10
Acenaphthylene
Concen: 0.105 ng/ul
RT: 14.236 min Scan# 2418
Delta R.T. -0.005 min
Lab File: BM041027.D
Acq: 21 Jul 2023 21:15

Tgt Ion:152 Resp: 3304

Ion	Ratio	Lower	Upper
152	100		
151	25.3	16.8	25.2#
153	18.0	11.6	17.4#



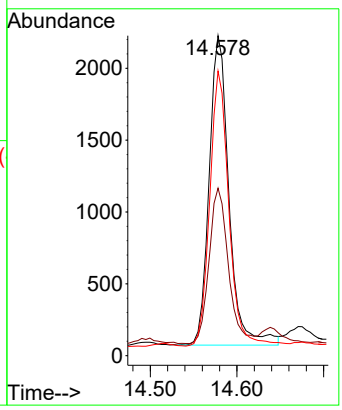


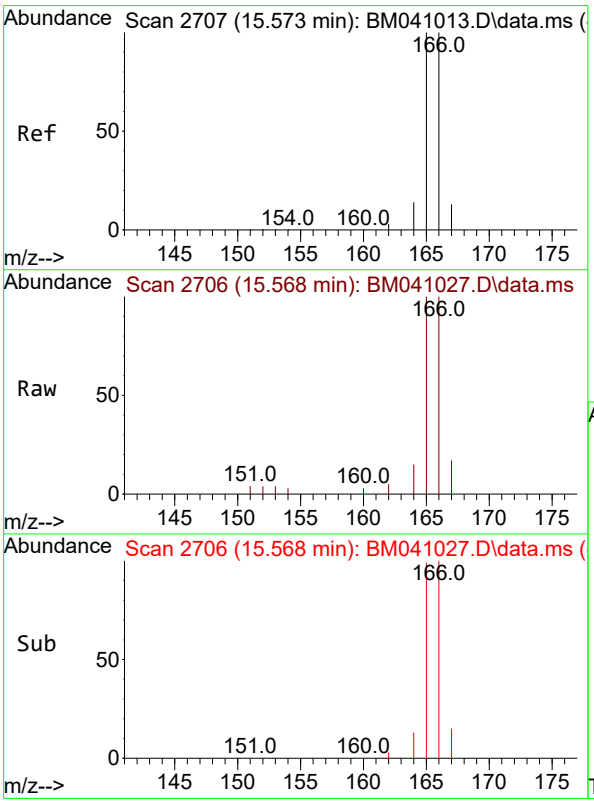
#11
Acenaphthene
Concen: 0.124 ng/ul
RT: 14.578 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM041027.D
Acq: 21 Jul 2023 21:15

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 3423

Ion	Ratio	Lower	Upper
153	100		
152	52.4	41.0	61.6
154	89.0	68.2	102.2

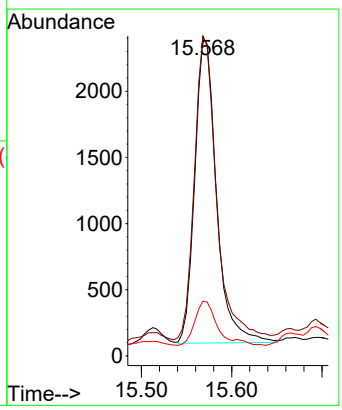


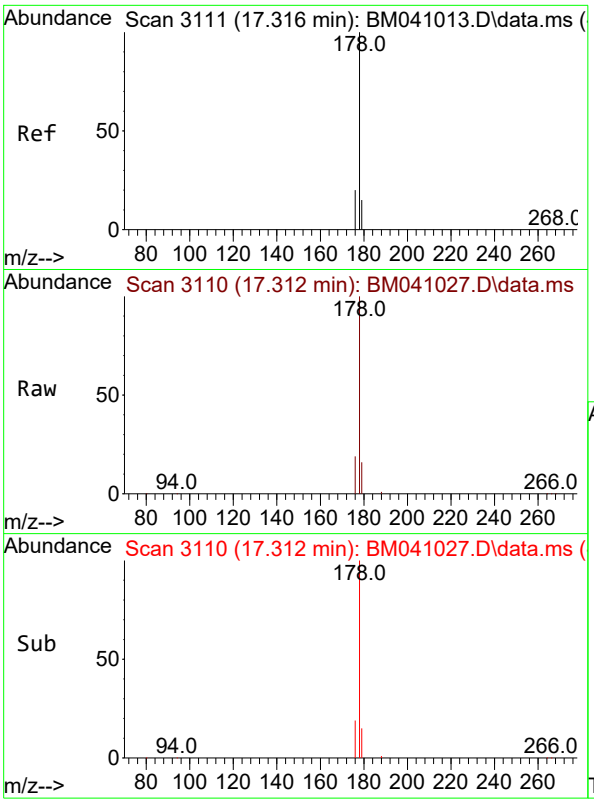


#12
Fluorene
Concen: 0.135 ng/ul
RT: 15.568 min Scan# 2706
Delta R.T. -0.005 min
Lab File: BM041027.D
Acq: 21 Jul 2023 21:15

Tgt Ion:166 Resp: 3869

Ion	Ratio	Lower	Upper
166	100		
165	100.4	80.3	120.5
167	17.2	11.7	17.5



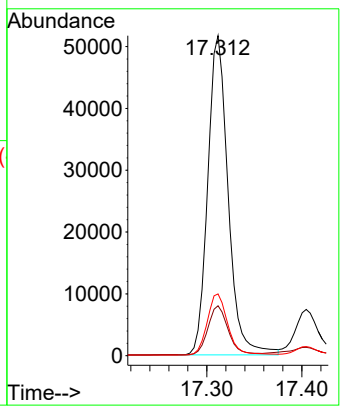


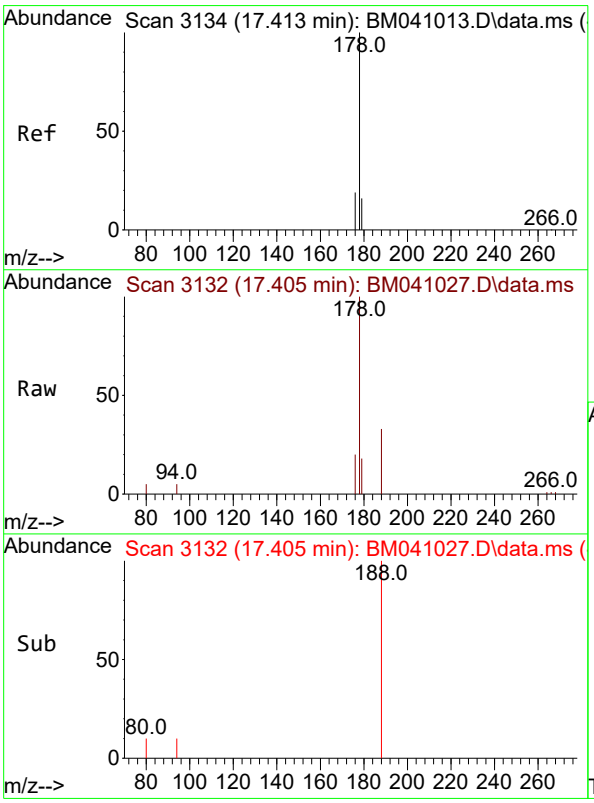
#15
Phenanthrene
Concen: 1.664 ng/ul
RT: 17.312 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM041027.D
Acq: 21 Jul 2023 21:15

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 77285

Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.0	19.6
176	19.3	16.2	24.4

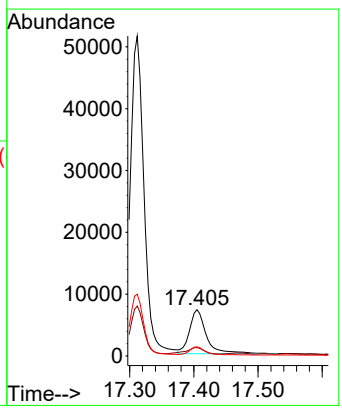


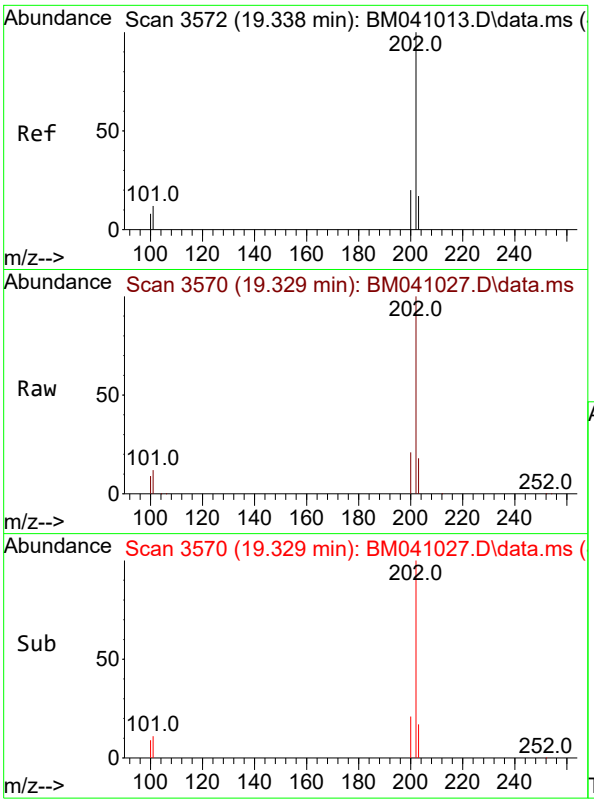


#16
Anthracene
Concen: 0.360 ng/ul
RT: 17.405 min Scan# 3132
Delta R.T. -0.009 min
Lab File: BM041027.D
Acq: 21 Jul 2023 21:15

Tgt Ion:178 Resp: 13043

Ion	Ratio	Lower	Upper
178	100		
179	18.2	13.7	20.5
176	19.6	16.4	24.6



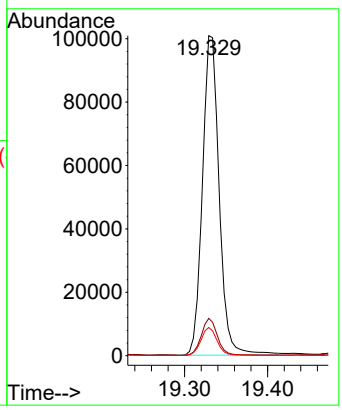


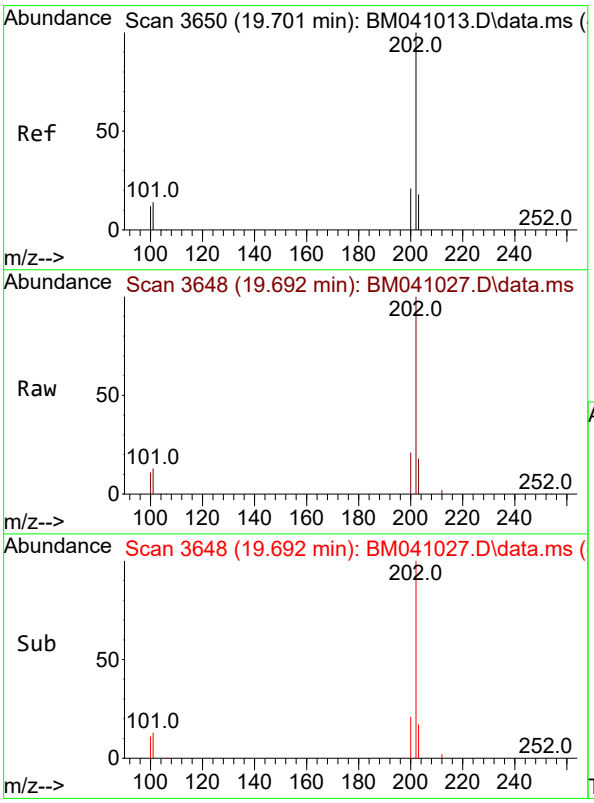
#19
Fluoranthene
Concen: 2.059 ng/ul
RT: 19.329 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM041027.D
Acq: 21 Jul 2023 21:15

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 141795

Ion	Ratio	Lower	Upper
202	100		
101	11.7	11.0	16.4
100	8.8	8.3	12.5

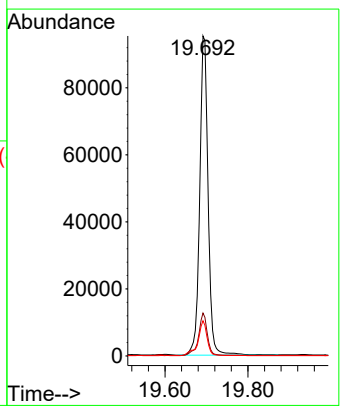


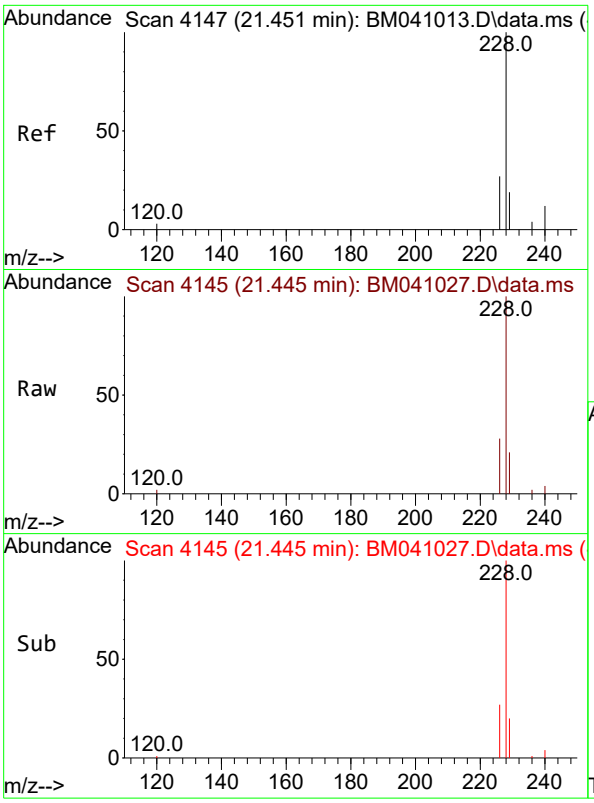


#20
Pyrene
Concen: 1.907 ng/ul
RT: 19.692 min Scan# 3648
Delta R.T. -0.009 min
Lab File: BM041027.D
Acq: 21 Jul 2023 21:15

Tgt Ion:202 Resp: 134185

Ion	Ratio	Lower	Upper
202	100		
101	13.4	12.5	18.7
100	11.0	10.0	15.0



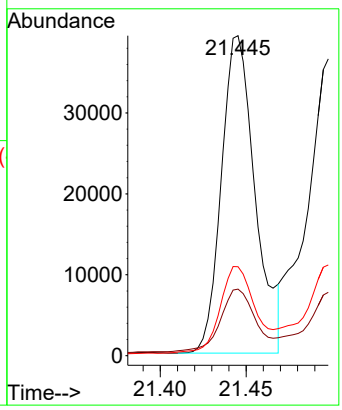


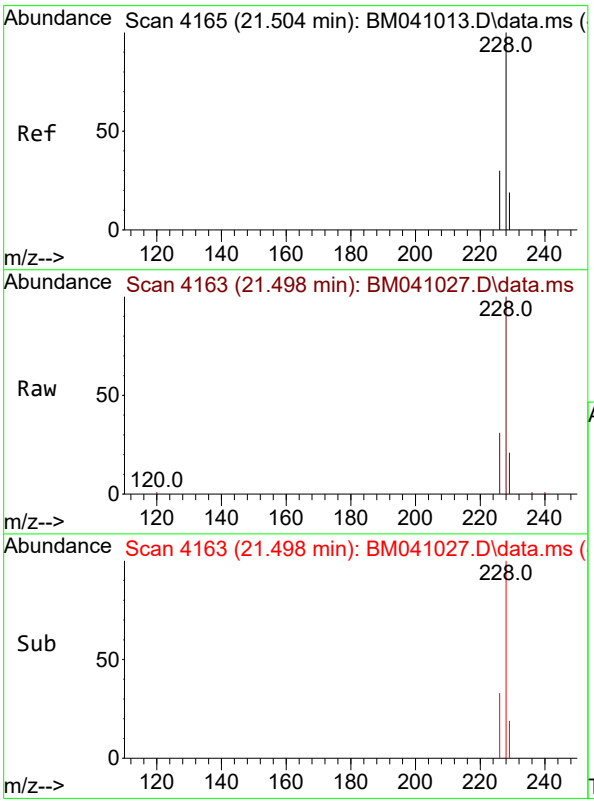
#21
Benzo(a)anthracene
Concen: 1.326 ng/ul
RT: 21.445 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM041027.D
Acq: 21 Jul 2023 21:15

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 53891

Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.2	24.4
226	27.8	22.3	33.5

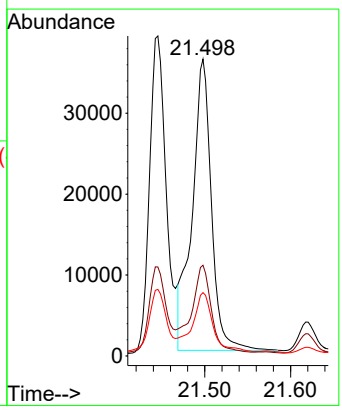


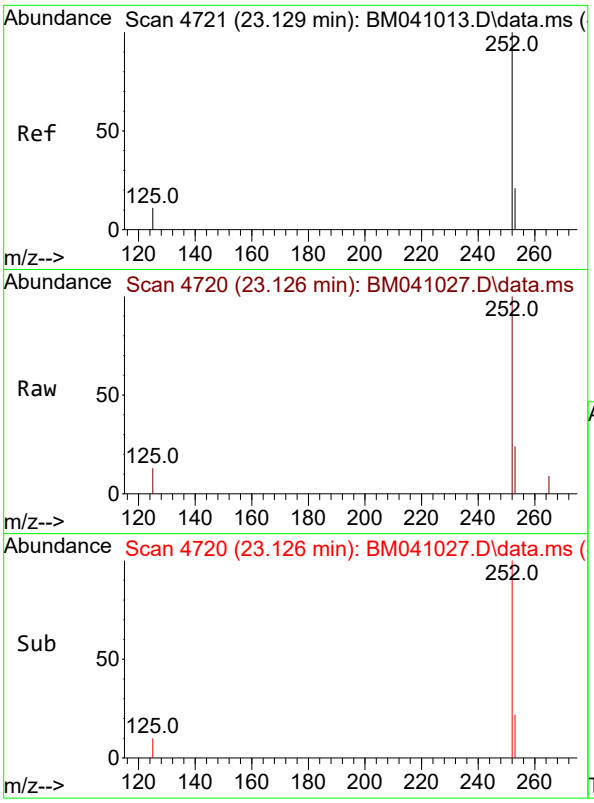


#22
Chrysene
Concen: 1.212 ng/ul
RT: 21.498 min Scan# 4163
Delta R.T. -0.006 min
Lab File: BM041027.D
Acq: 21 Jul 2023 21:15

Tgt Ion:228 Resp: 56319

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.6	37.0
229	21.4	16.1	24.1



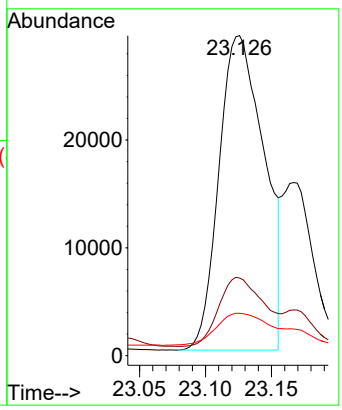


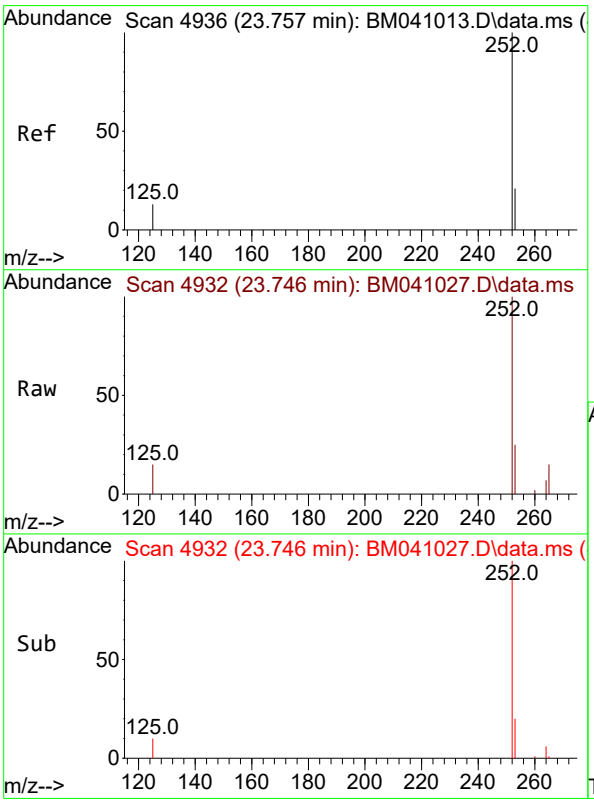
#24
Benzo(b)fluoranthene
Concen: 1.367 ng/ul
RT: 23.126 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM041027.D
Acq: 21 Jul 2023 21:15

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 69439

Ion	Ratio	Lower	Upper
252	100		
253	24.2	0.0	57.4
125	13.2	0.0	45.2

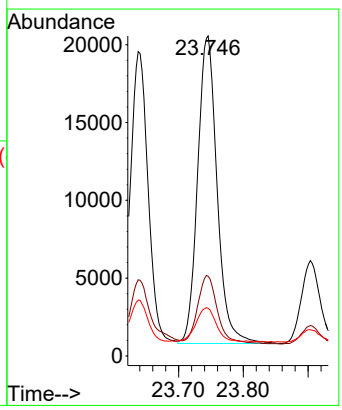


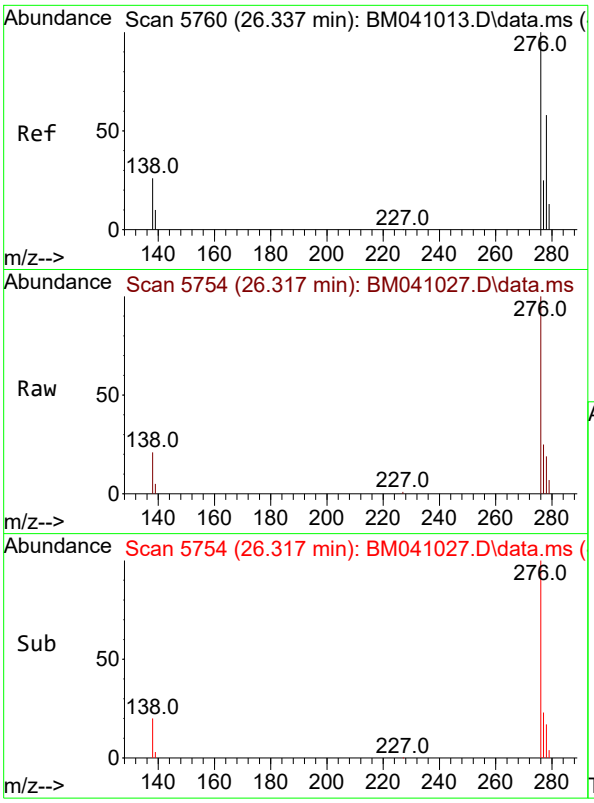


#26
Benzo(a)pyrene
Concen: 0.939 ng/ul
RT: 23.746 min Scan# 4932
Delta R.T. -0.012 min
Lab File: BM041027.D
Acq: 21 Jul 2023 21:15

Tgt Ion:252 Resp: 41217

Ion	Ratio	Lower	Upper
252	100		
253	24.9	28.2	42.2#
125	14.9	25.2	37.8#



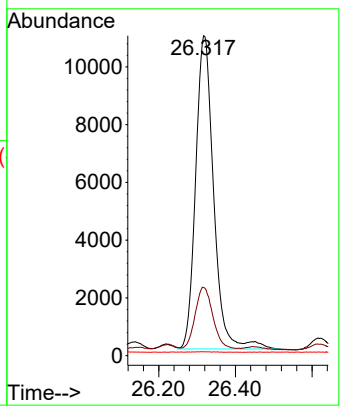


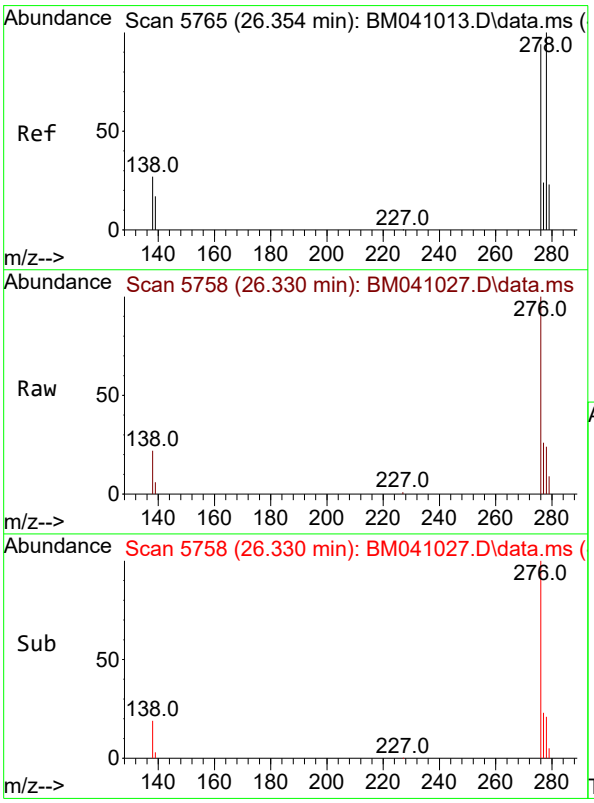
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.610 ng/ul
RT: 26.317 min Scan# 5
Delta R.T. -0.020 min
Lab File: BM041027.D
Acq: 21 Jul 2023 21:15

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 35512

Ion	Ratio	Lower	Upper
276	100		
138	19.6	22.3	33.5#
227	0.1	0.0	0.0#

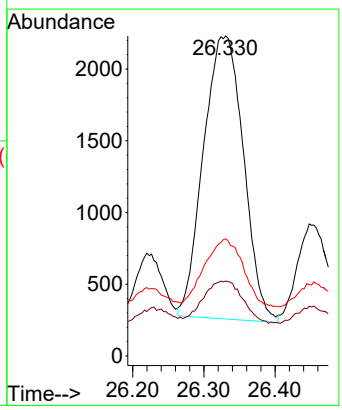


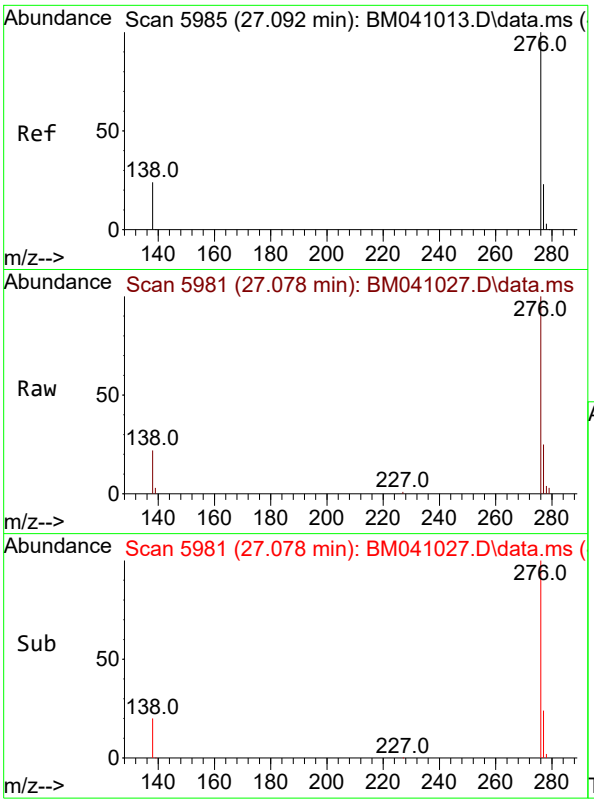


#28
Dibenzo(a,h)anthracene
Concen: 0.175 ng/ul
RT: 26.330 min Scan# 5758
Delta R.T. -0.024 min
Lab File: BM041027.D
Acq: 21 Jul 2023 21:15

Tgt Ion:278 Resp: 7709

Ion	Ratio	Lower	Upper
278	100		
139	23.4	19.2	28.8
279	36.6	27.0	40.6





#29
Benzo(g,h,i)perylene
Concen: 0.677 ng/ul
RT: 27.078 min Scan# 5
Delta R.T. -0.014 min
Lab File: BM041027.D
Acq: 21 Jul 2023 21:15

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 36416

Ion	Ratio	Lower	Upper
276	100		
138	22.0	22.6	34.0#
277	24.8	21.2	31.8