Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
Data File : BM041047.D
Acq On : 22 Jul 2023 10:15
Operator : MA/JU
Sample : 03540-06
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jul 22 22:35:42 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	4277	0.400	ng/ul	0.00
4) Naphthalene-d8	10.658	136	14014	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.509	164	7460	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.265	188	16413	0.400	ng/ul	0.00
17) Chrysene-d12	21.460	240	12145	0.400	ng/ul	0.00
23) Perylene-d12	23.848	264	13068	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	16941	2.409	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.253	152	6936	0.371	ng/ul	-0.01
18) Fluoranthene-d10	19.297	212	13470	0.264	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.297	88	1264	0.171	ng/ul#	1
5) Naphthalene	10.708	128	5019	0.131	ng/ul#	92
7) 2-Methylnaphthalene	12.330	142	1823	0.087	ng/ul	97
8) 1-Methylnaphthalene	12.550	142	1883	0.084	ng/ul	100
10) Acenaphthylene	14.231	152	4904	0.157	ng/ul#	85
11) Acenaphthene	14.574	153	7401	0.269	ng/ul	97
12) Fluorene	15.564	166	12014	0.421	ng/ul	99
14) Pentachlorophenol	16.923	266	129	0.039	ng/ul	90
15) Phenanthrene	17.308	178	161874	3.300	ng/ul	98
16) Anthracene	17.396	178	33468	0.876	ng/ul	98
19) Fluoranthene	19.329	202	277911	4.432	ng/ul#	91
20) Pyrene	19.692	202	144740	2.259	ng/ul#	92
21) Benzo(a)anthracene	21.442	228	117393	3.173	ng/ul	98
22) Chrysene	21.495	228	105334	2.490	ng/ul	98
24) Benzo(b)fluoranthene	23.123	252	129794	2.588	ng/ul	88
26) Benzo(a)pyrene	23.740	252	30423	0.702	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.314	276	34544	0.601	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.324	278	15879	0.365	ng/ul	94
29) Benzo(g,h,i)perylene	27.075	276	2269	0.043	ng/ul#	37

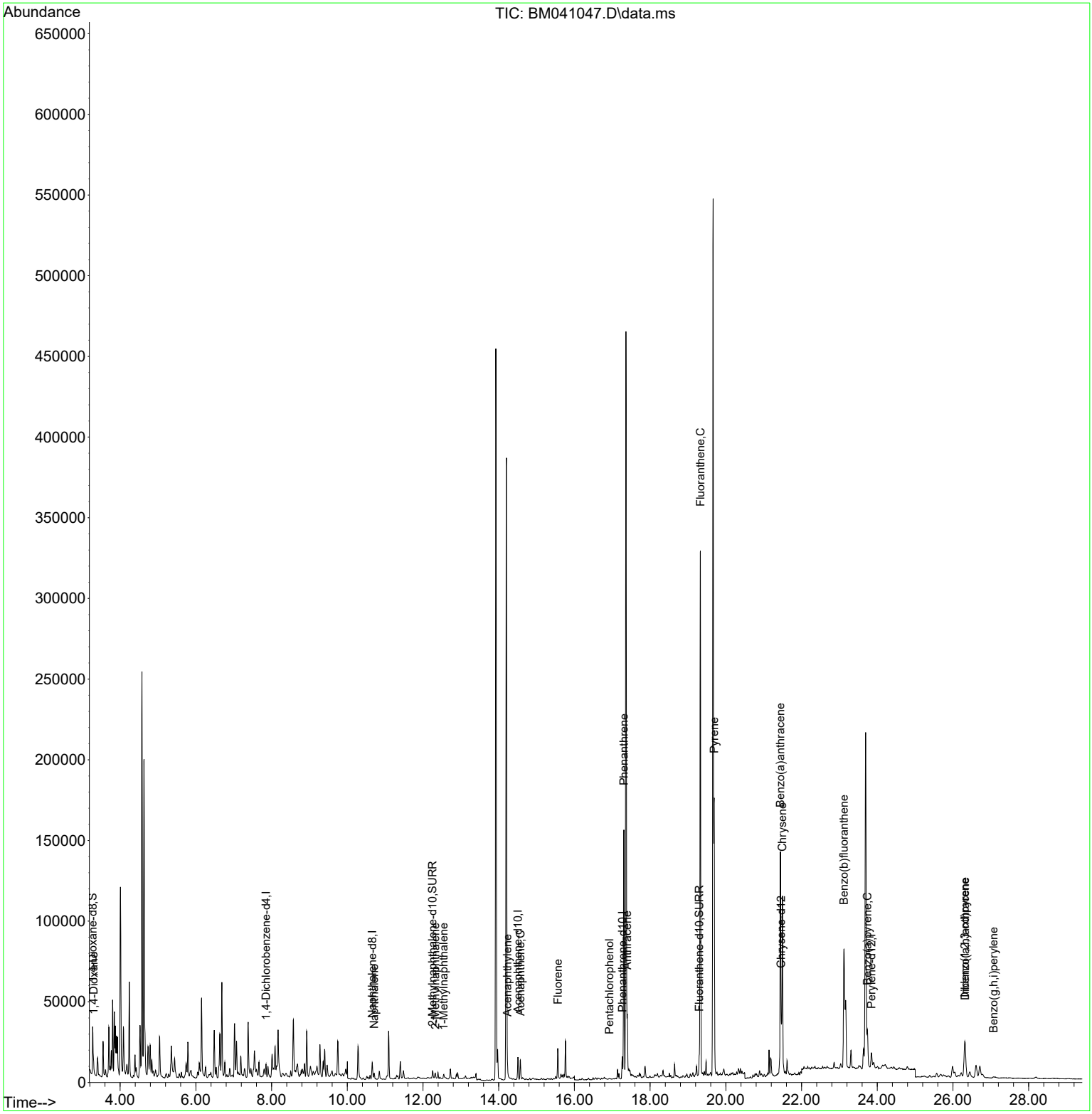
(#) = qualifier out of range (m) = manual integration (+) = signals summed

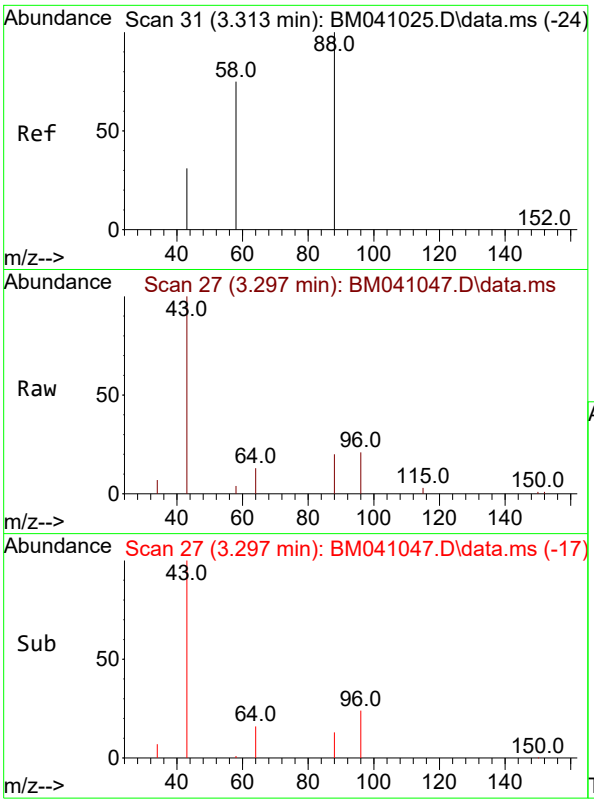
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
Data File : BM041047.D
Acq On : 22 Jul 2023 10:15
Operator : MA/JU
Sample : 03540-06
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jul 22 22:35:42 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



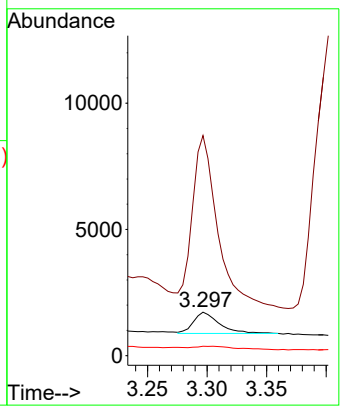


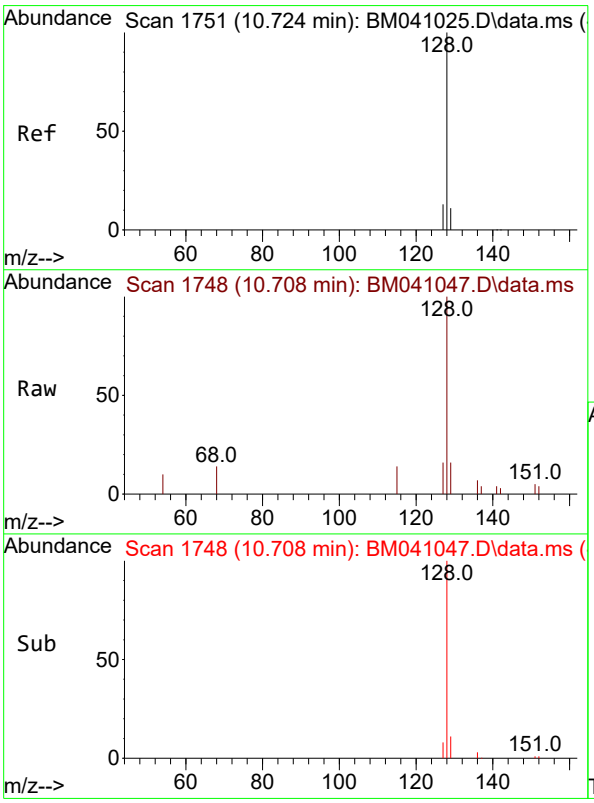
#2
1,4-Dioxane
Concen: 0.171 ng/ul
RT: 3.297 min Scan# 2
Delta R.T. -0.017 min
Lab File: BM041047.D
Acq: 22 Jul 2023 10:15

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 1264

Ion	Ratio	Lower	Upper
88	100		
43	506.6	46.7	70.1#
58	21.7	40.3	60.5#

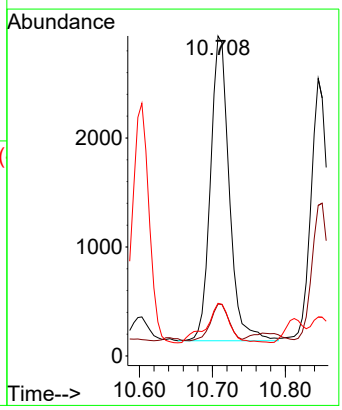


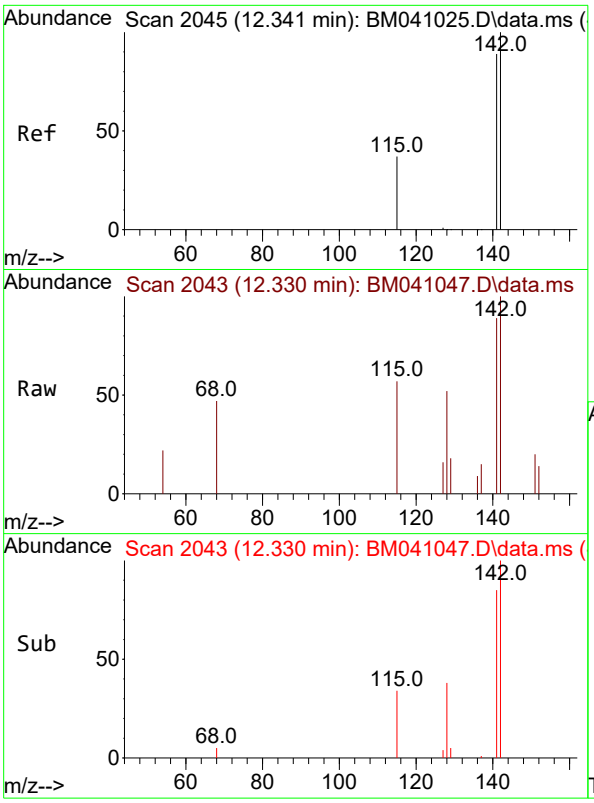


#5
Naphthalene
Concen: 0.131 ng/ul
RT: 10.708 min Scan# 1748
Delta R.T. -0.011 min
Lab File: BM041047.D
Acq: 22 Jul 2023 10:15

Tgt Ion:128 Resp: 5019

Ion	Ratio	Lower	Upper
128	100		
129	16.2	9.8	14.8#
127	16.5	11.0	16.4#



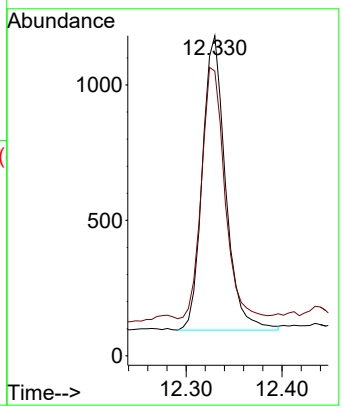


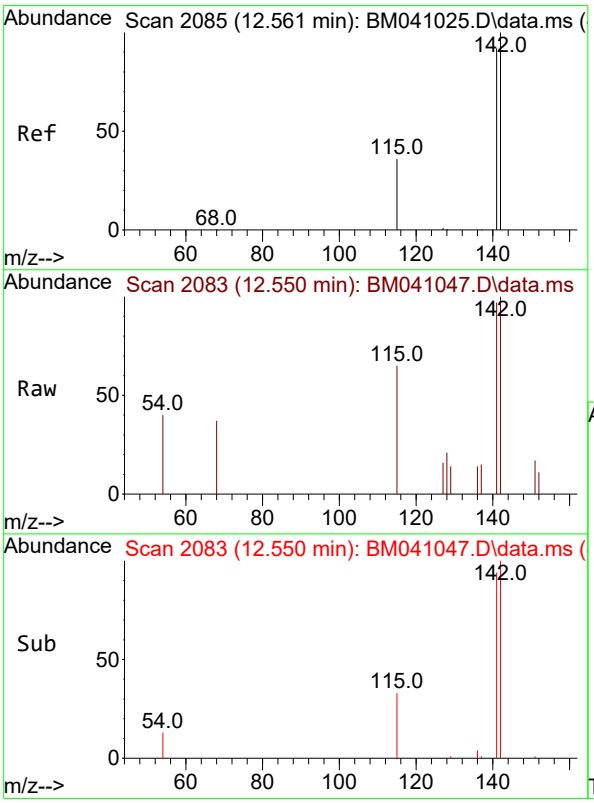
#7
2-Methylnaphthalene
Concen: 0.087 ng/ul
RT: 12.330 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM041047.D
Acq: 22 Jul 2023 10:15

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 1823

Ion	Ratio	Lower	Upper
142	100		
141	88.8	73.2	109.8

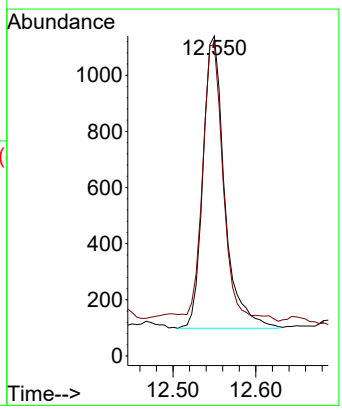


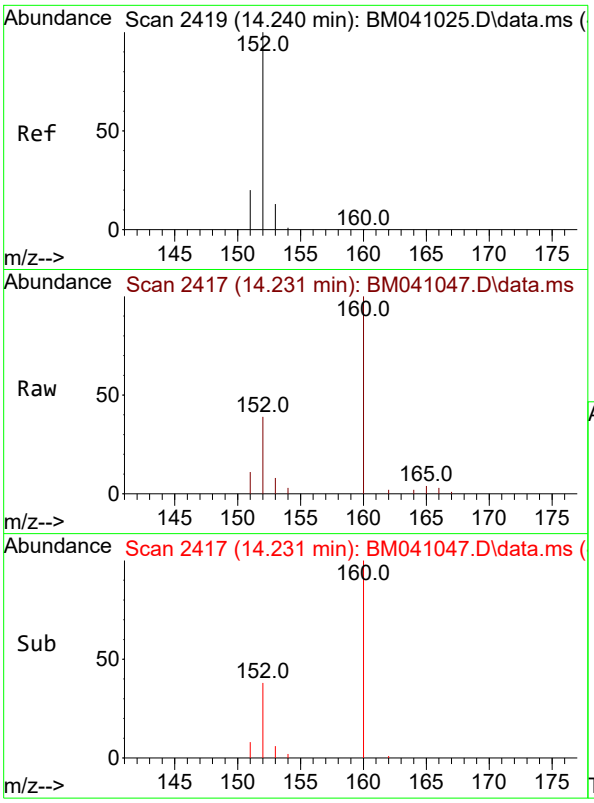


#8
1-Methylnaphthalene
Concen: 0.084 ng/ul
RT: 12.550 min Scan# 2083
Delta R.T. -0.005 min
Lab File: BM041047.D
Acq: 22 Jul 2023 10:15

Tgt Ion:142 Resp: 1883

Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.4	110.2



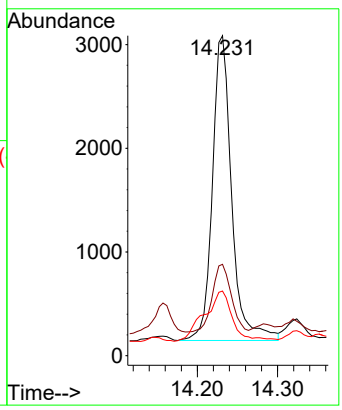


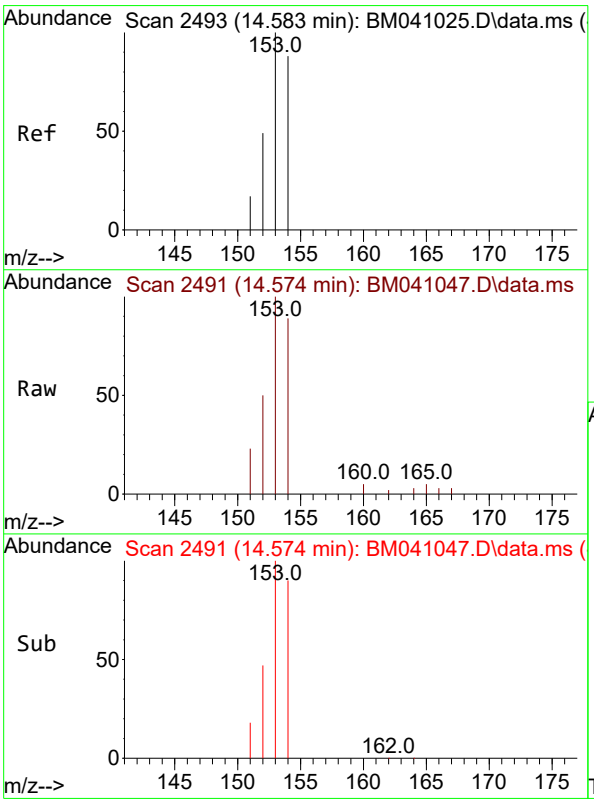
#10
Acenaphthylene
Concen: 0.157 ng/ul
RT: 14.231 min Scan# 24
Delta R.T. -0.004 min
Lab File: BM041047.D
Acq: 22 Jul 2023 10:15

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 4904

Ion	Ratio	Lower	Upper
152	100		
151	28.5	16.8	25.2#
153	20.2	11.6	17.4#

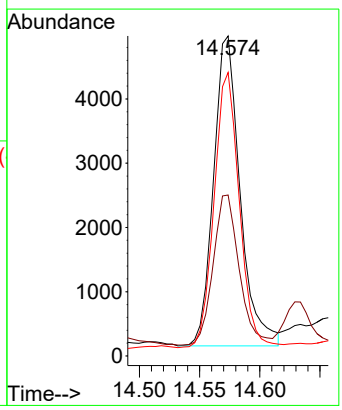


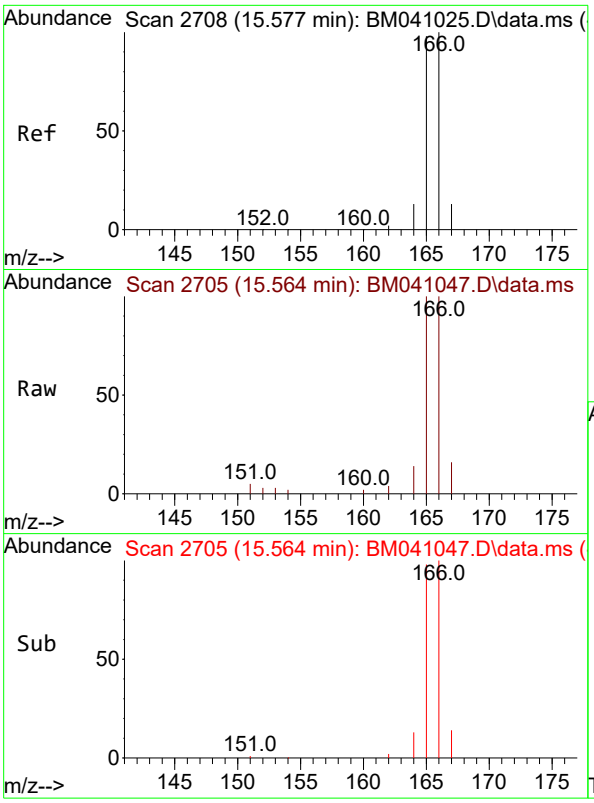


#11
Acenaphthene
Concen: 0.269 ng/ul
RT: 14.574 min Scan# 2491
Delta R.T. 0.000 min
Lab File: BM041047.D
Acq: 22 Jul 2023 10:15

Tgt Ion:153 Resp: 7401

Ion	Ratio	Lower	Upper
153	100		
152	50.3	41.0	61.6
154	88.6	68.2	102.2



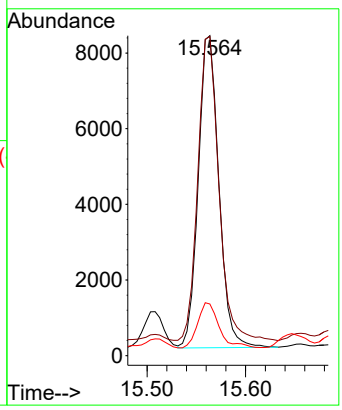


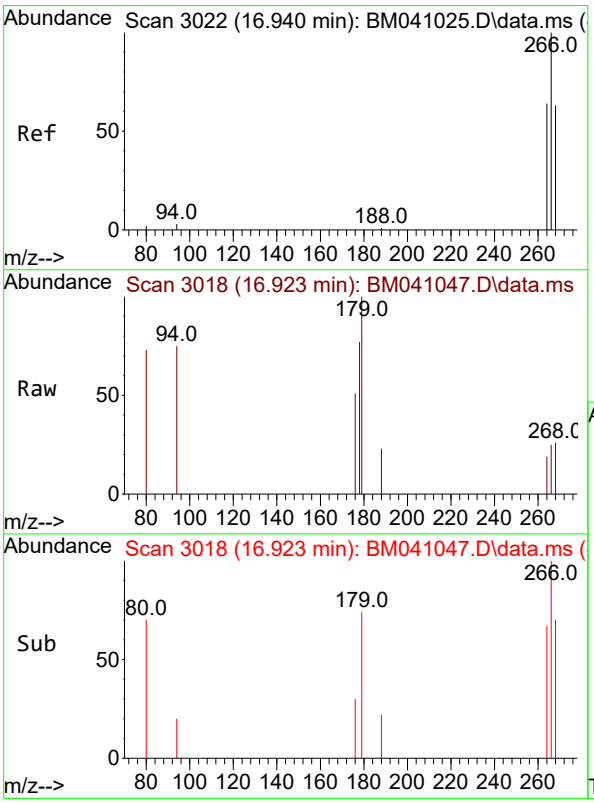
#12
Fluorene
Concen: 0.421 ng/ul
RT: 15.564 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM041047.D
Acq: 22 Jul 2023 10:15

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 12014

Ion	Ratio	Lower	Upper
166	100		
165	99.7	80.3	120.5
167	16.2	11.7	17.5

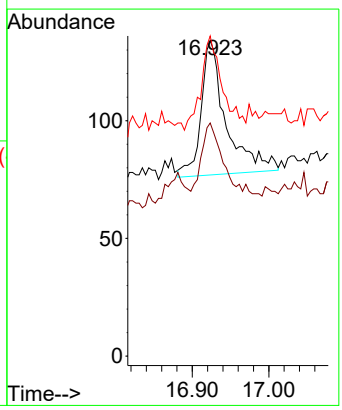


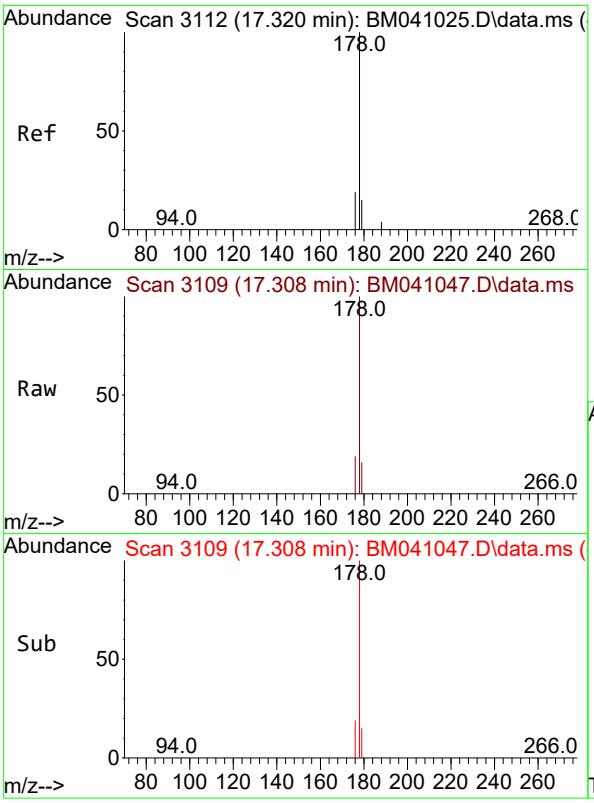


#14
Pentachlorophenol
Concen: 0.039 ng/ul
RT: 16.923 min Scan# 3018
Delta R.T. -0.012 min
Lab File: BM041047.D
Acq: 22 Jul 2023 10:15

Tgt Ion:266 Resp: 129

Ion	Ratio	Lower	Upper
266	100		
264	53.5	50.7	76.1
268	59.7	52.8	79.2



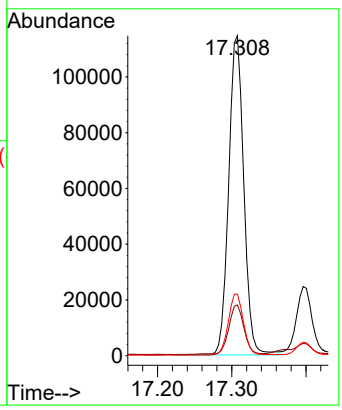


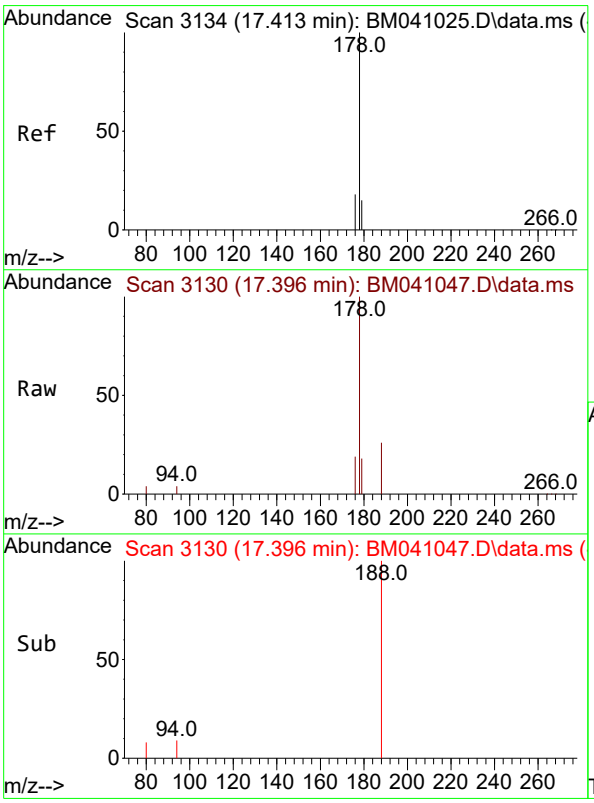
#15
Phenanthrene
Concen: 3.300 ng/ul
RT: 17.308 min Scan# 3
Delta R.T. -0.008 min
Lab File: BM041047.D
Acq: 22 Jul 2023 10:15

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 161874

Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.0	19.6
176	19.3	16.2	24.4

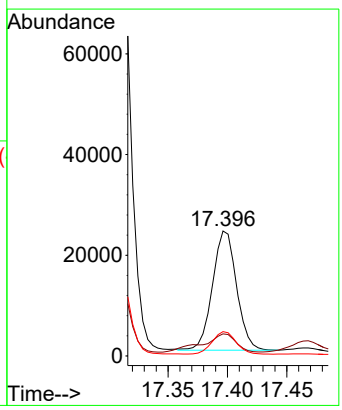


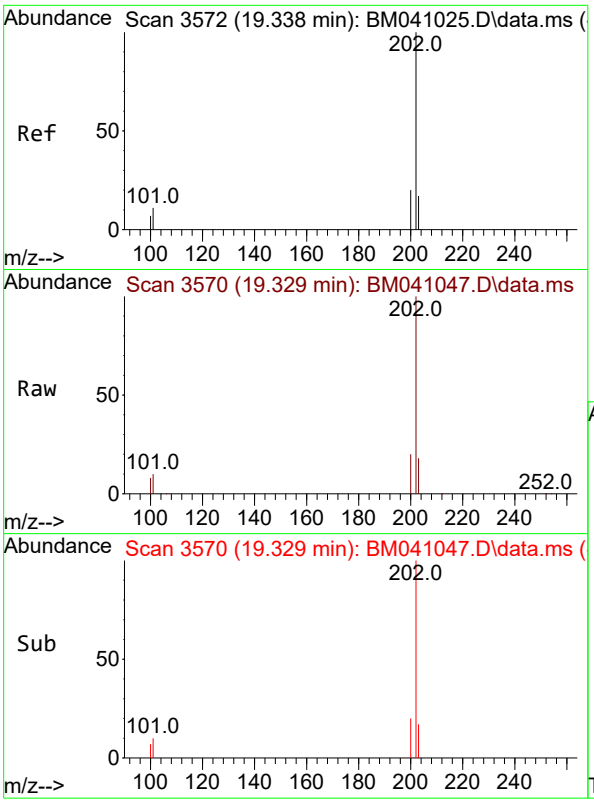


#16
Anthracene
Concen: 0.876 ng/ul
RT: 17.396 min Scan# 3130
Delta R.T. -0.012 min
Lab File: BM041047.D
Acq: 22 Jul 2023 10:15

Tgt Ion:178 Resp: 33468

Ion	Ratio	Lower	Upper
178	100		
179	17.6	13.7	20.5
176	19.4	16.4	24.6



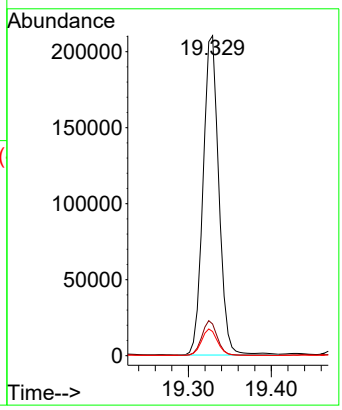


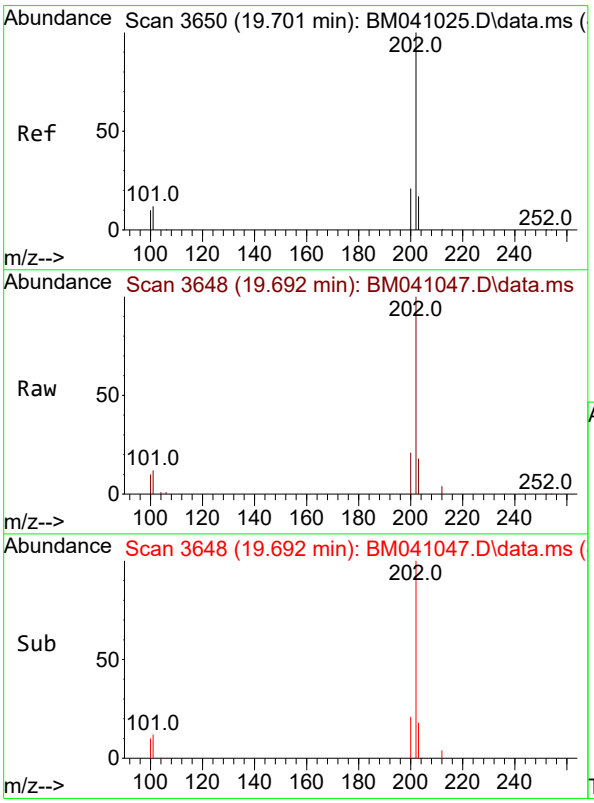
#19
Fluoranthene
Concen: 4.432 ng/ul
RT: 19.329 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM041047.D
Acq: 22 Jul 2023 10:15

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 277911

Ion	Ratio	Lower	Upper
202	100		
101	9.9	11.0	16.4#
100	7.5	8.3	12.5#

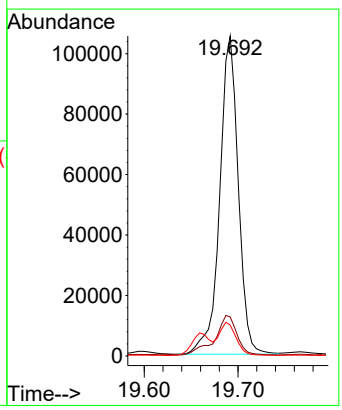


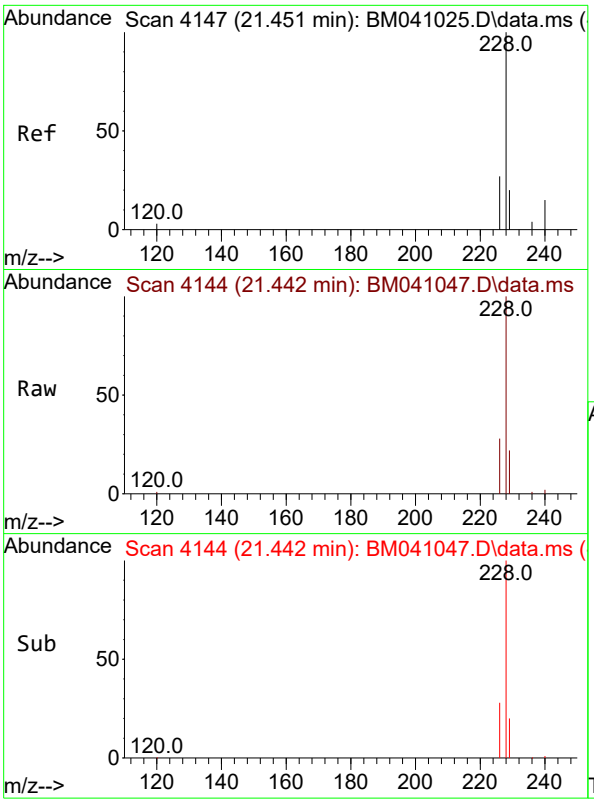


#20
Pyrene
Concen: 2.259 ng/ul
RT: 19.692 min Scan# 3648
Delta R.T. -0.004 min
Lab File: BM041047.D
Acq: 22 Jul 2023 10:15

Tgt Ion:202 Resp: 144740

Ion	Ratio	Lower	Upper
202	100		
101	12.2	12.5	18.7#
100	9.6	10.0	15.0#



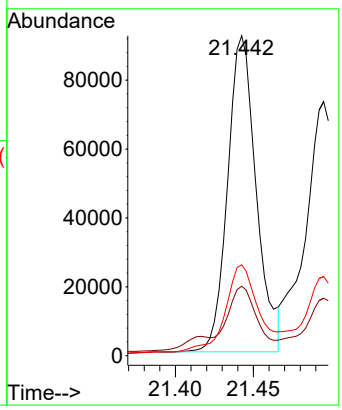


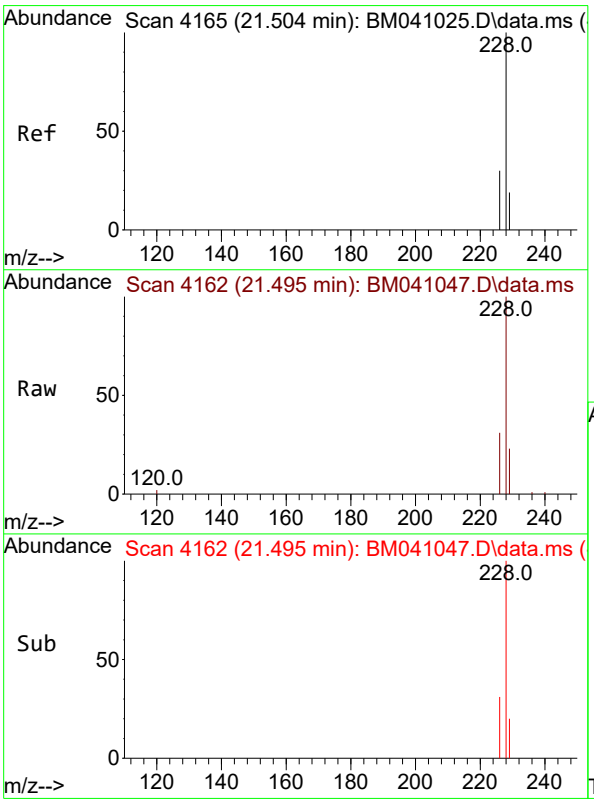
#21
Benzo(a)anthracene
Concen: 3.173 ng/ul
RT: 21.442 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM041047.D
Acq: 22 Jul 2023 10:15

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 117393

Ion	Ratio	Lower	Upper
228	100		
229	21.7	16.2	24.4
226	28.4	22.3	33.5

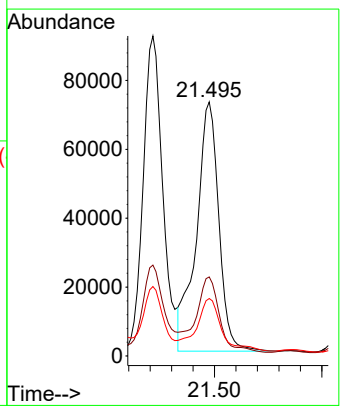


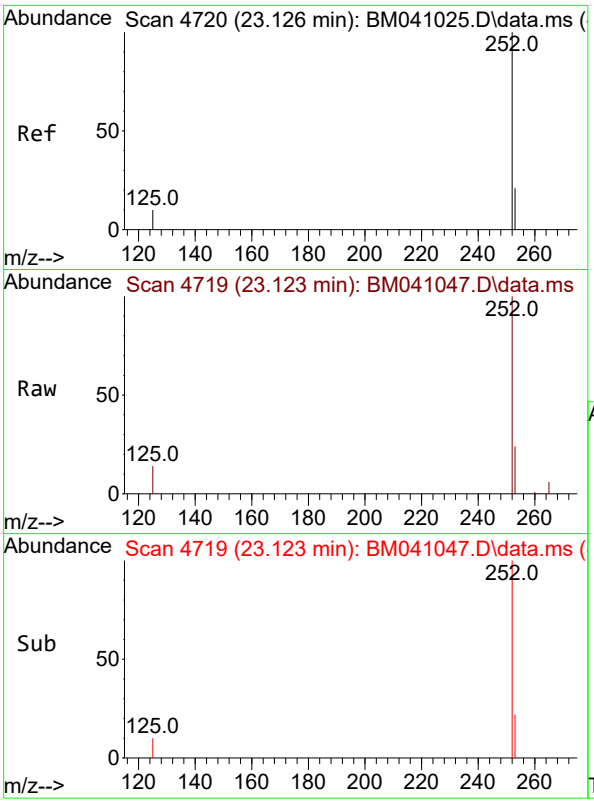


#22
Chrysene
Concen: 2.490 ng/ul
RT: 21.495 min Scan# 4162
Delta R.T. -0.006 min
Lab File: BM041047.D
Acq: 22 Jul 2023 10:15

Tgt Ion:228 Resp: 105334

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.6	37.0
229	22.6	16.1	24.1



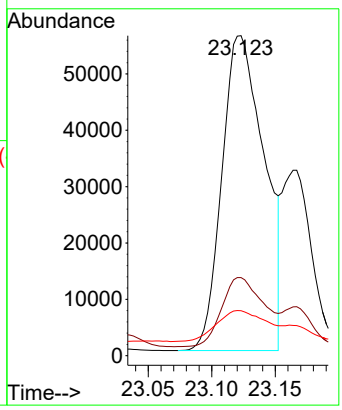


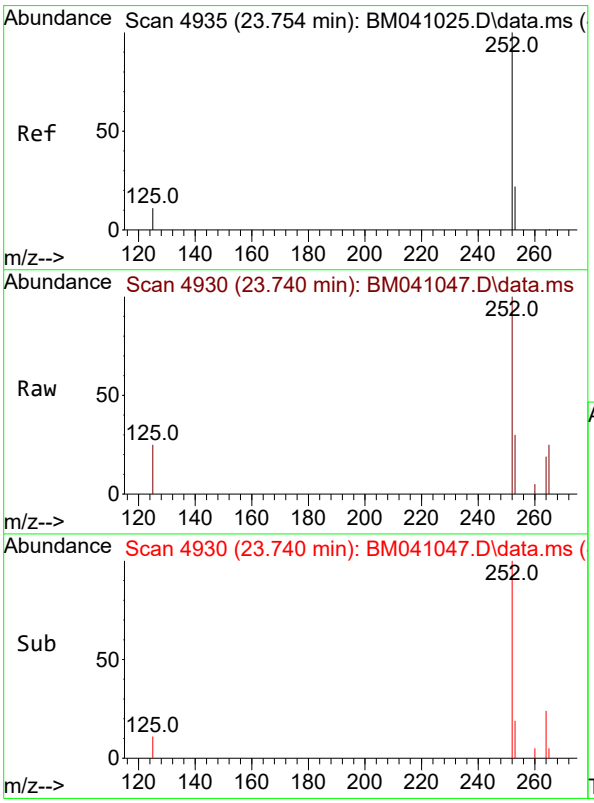
#24
Benzo(b)fluoranthene
Concen: 2.588 ng/ul
RT: 23.123 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM041047.D
Acq: 22 Jul 2023 10:15

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 129794

Ion	Ratio	Lower	Upper
252	100		
253	24.4	0.0	57.4
125	14.1	0.0	45.2

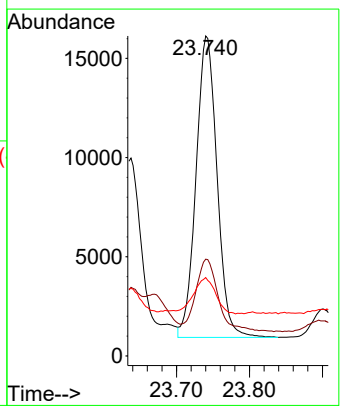


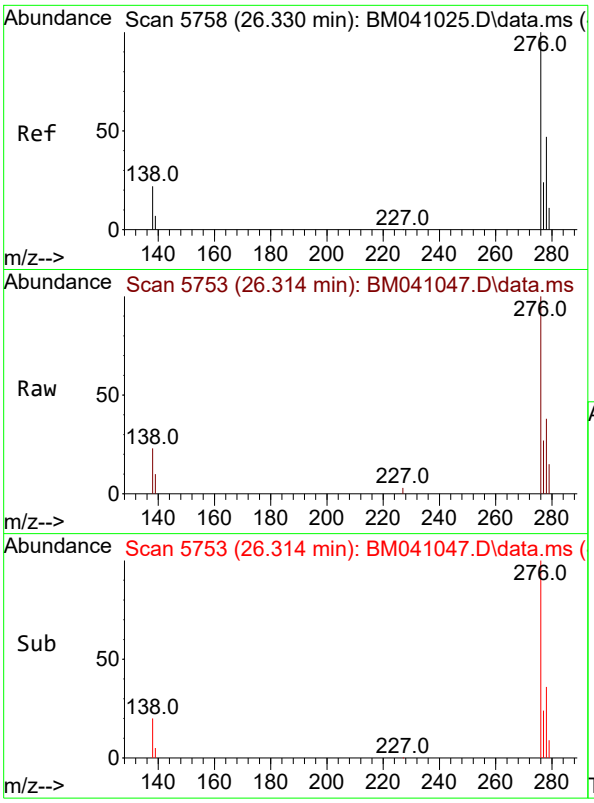


#26
Benzo(a)pyrene
Concen: 0.702 ng/ul
RT: 23.740 min Scan# 4930
Delta R.T. -0.009 min
Lab File: BM041047.D
Acq: 22 Jul 2023 10:15

Tgt Ion:252 Resp: 30423

Ion	Ratio	Lower	Upper
252	100		
253	30.2	28.2	42.2
125	24.5	25.2	37.8#



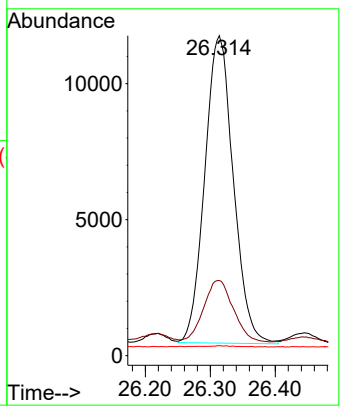


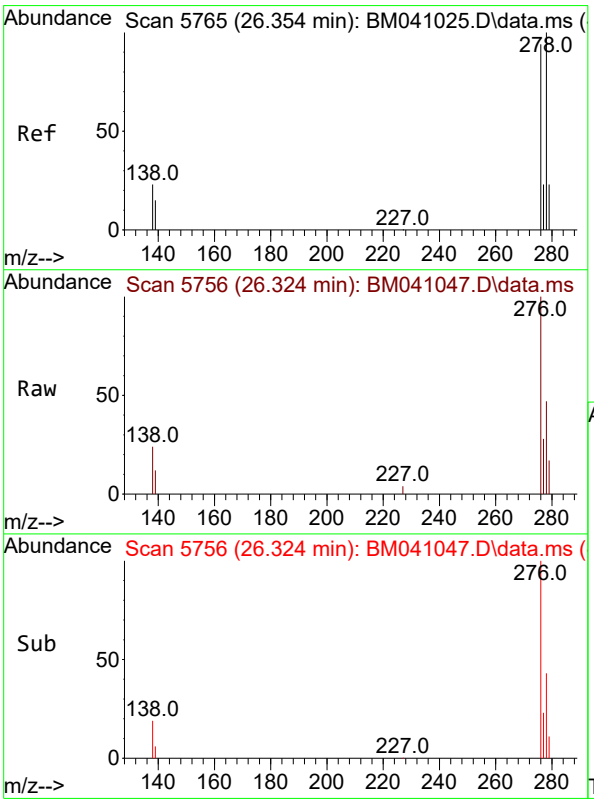
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.601 ng/ul
RT: 26.314 min Scan# 5
Delta R.T. -0.013 min
Lab File: BM041047.D
Acq: 22 Jul 2023 10:15

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 34544

Ion	Ratio	Lower	Upper
276	100		
138	20.6	22.3	33.5#
227	0.3	0.0	0.0#

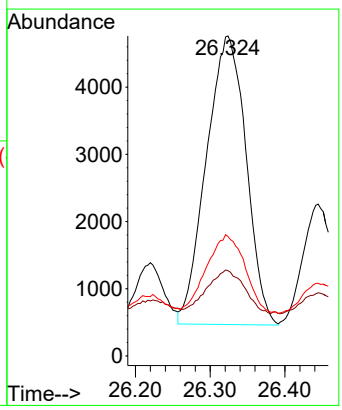


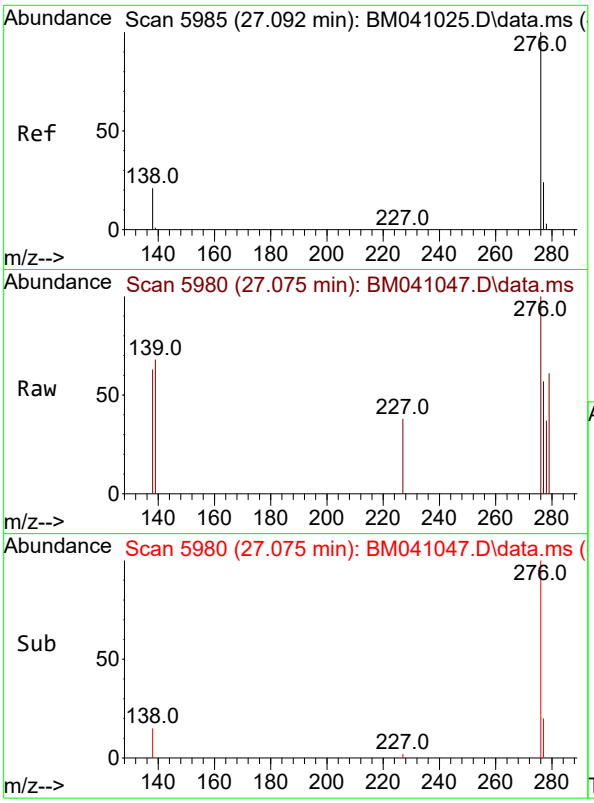


#28
Dibenzo(a,h)anthracene
Concen: 0.365 ng/ul
RT: 26.324 min Scan# 5756
Delta R.T. -0.023 min
Lab File: BM041047.D
Acq: 22 Jul 2023 10:15

Tgt Ion:278 Resp: 15879

Ion	Ratio	Lower	Upper
278	100		
139	26.7	19.2	28.8
279	37.4	27.0	40.6





#29
Benzo(g,h,i)perylene
Concen: 0.043 ng/ul
RT: 27.075 min Scan# 5
Delta R.T. -0.010 min
Lab File: BM041047.D
Acq: 22 Jul 2023 10:15

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 2269

Ion	Ratio	Lower	Upper
276	100		
138	63.0	22.6	34.0#
277	57.1	21.2	31.8#