Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
Data File : BM041045.D
Acq On : 22 Jul 2023 09:02
Operator : MA/JU
Sample : 03540-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jul 22 22:35:21 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	4352	0.400	ng/ul	0.00
4) Naphthalene-d8	10.658	136	14469	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.509	164	8245	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.265	188	23307	0.400	ng/ul	0.00
17) Chrysene-d12	21.460	240	11627	0.400	ng/ul	0.00
23) Perylene-d12	23.851	264	14719	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	9344	1.306	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.253	152	5571	0.289	ng/ul	-0.01
18) Fluoranthene-d10	19.296	212	11215	0.229	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.296	88	1392	0.185	ng/ul#	1
5) Naphthalene	10.707	128	7926	0.200	ng/ul	96
7) 2-Methylnaphthalene	12.330	142	4381	0.202	ng/ul	100
8) 1-Methylnaphthalene	12.550	142	5170	0.224	ng/ul	97
10) Acenaphthylene	14.231	152	31240	0.905	ng/ul	99
11) Acenaphthene	14.573	153	36689	1.205	ng/ul	97
12) Fluorene	15.563	166	51739	1.642	ng/ul	98
14) Pentachlorophenol	16.923	266	180	0.038	ng/ul	92
15) Phenanthrene	17.307	178	785280	11.272	ng/ul	98
16) Anthracene	17.396	178	150237	2.768	ng/ul	97
19) Fluoranthene	19.329	202	1108890	18.472	ng/ul#	92
20) Pyrene	19.691	202	401032	6.539	ng/ul#	92
21) Benzo(a)anthracene	21.442	228	481371	13.591	ng/ul	99
22) Chrysene	21.498	228	424910	10.494	ng/ul	99
24) Benzo(b)fluoranthene	23.120	252	422542	7.479	ng/ul	84
26) Benzo(a)pyrene	23.740	252	48443	0.993	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.310	276	60388	0.933	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.444	278	21623	0.441	ng/ul	100
29) Benzo(g,h,i)perylene	27.075	276	3150	0.053	ng/ul#	30

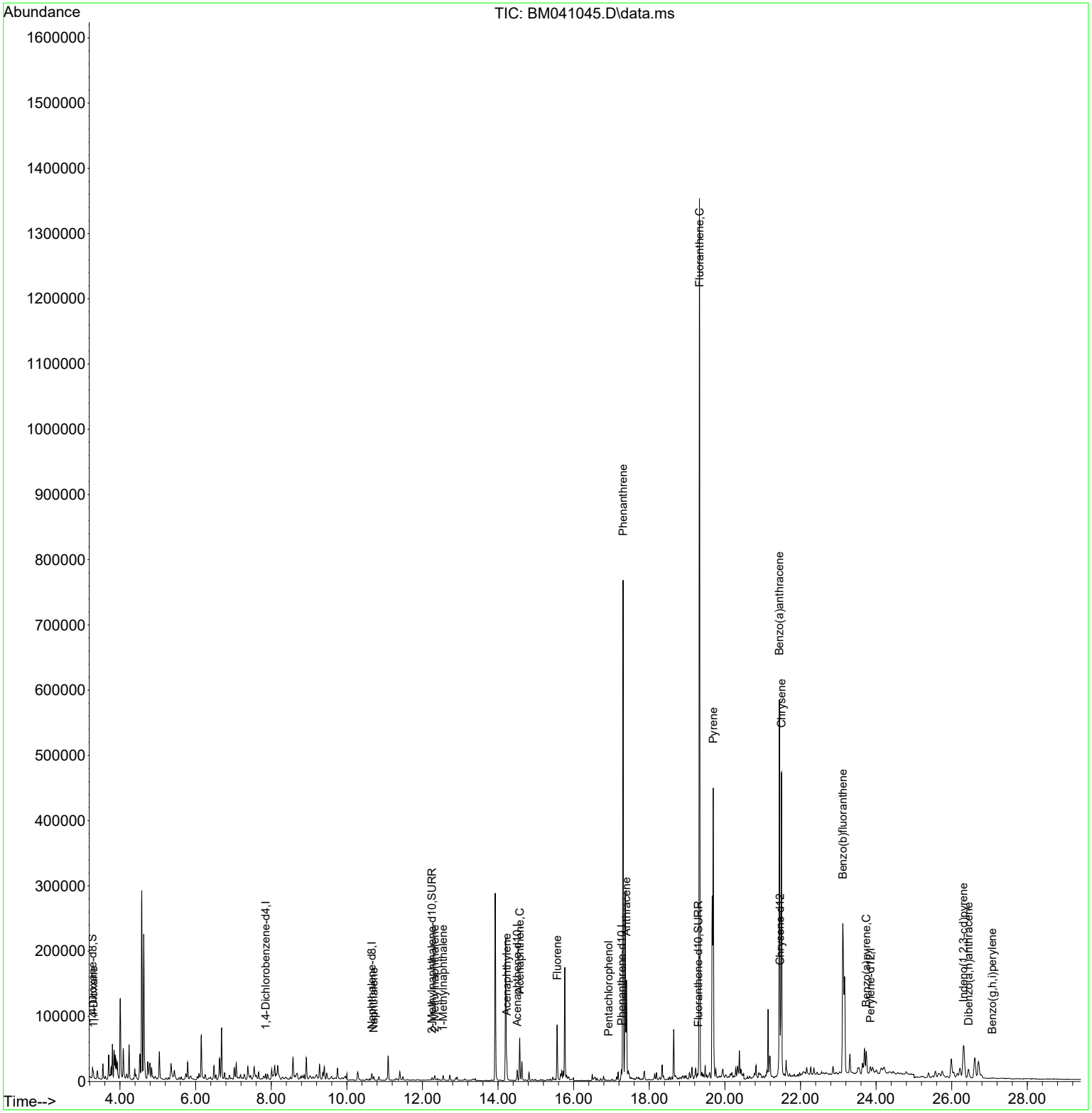
(#) = qualifier out of range (m) = manual integration (+) = signals summed

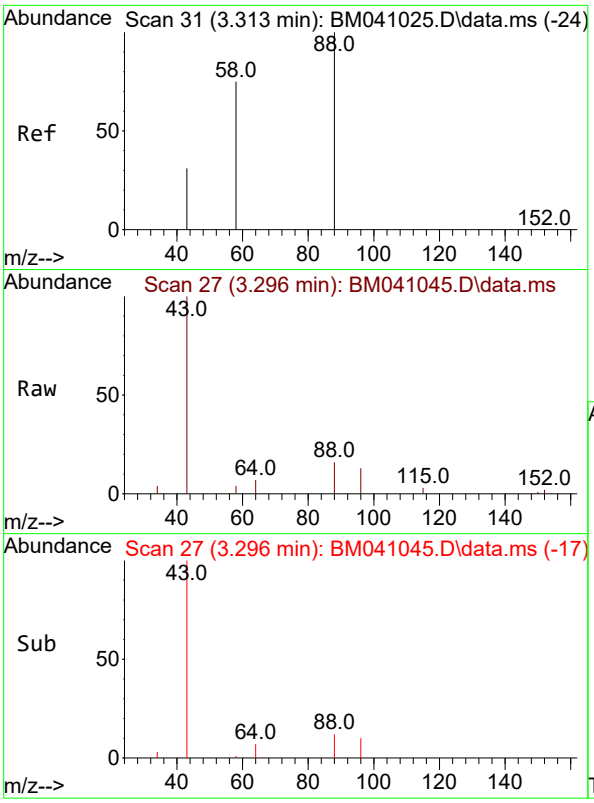
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
Data File : BM041045.D
Acq On : 22 Jul 2023 09:02
Operator : MA/JU
Sample : 03540-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jul 22 22:35:21 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



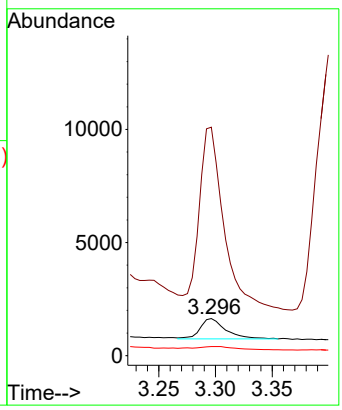


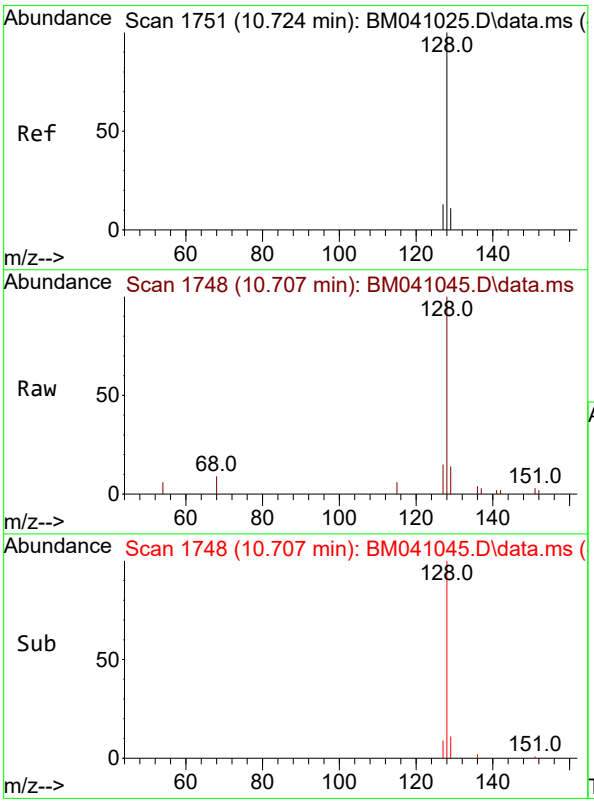
#2
1,4-Dioxane
Concen: 0.185 ng/ul
RT: 3.296 min Scan# 2
Delta R.T. -0.017 min
Lab File: BM041045.D
Acq: 22 Jul 2023 09:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 1392

Ion	Ratio	Lower	Upper
88	100		
43	616.0	46.7	70.1#
58	24.8	40.3	60.5#

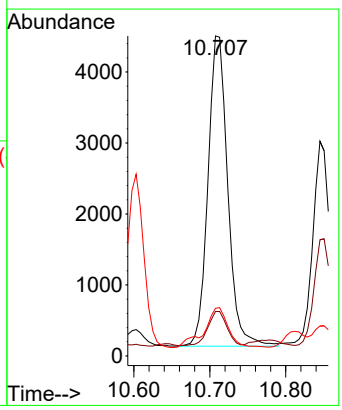


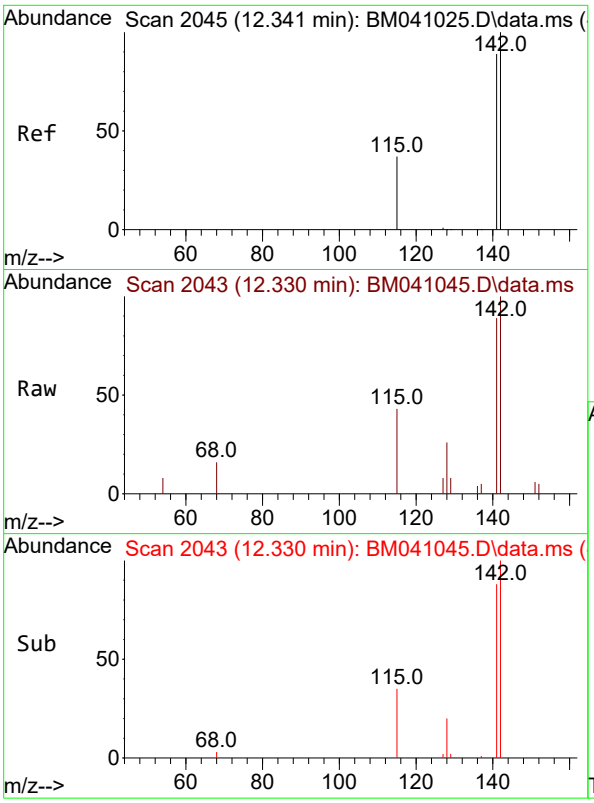


#5
Naphthalene
Concen: 0.200 ng/ul
RT: 10.707 min Scan# 1748
Delta R.T. -0.011 min
Lab File: BM041045.D
Acq: 22 Jul 2023 09:02

Tgt Ion:128 Resp: 7926

Ion	Ratio	Lower	Upper
128	100		
129	13.9	9.8	14.8
127	14.9	11.0	16.4



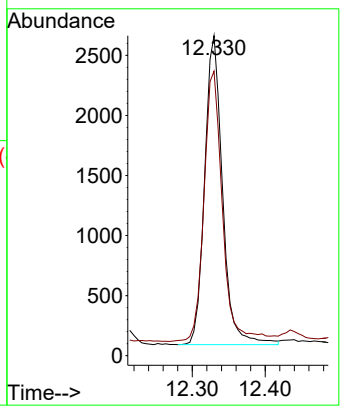


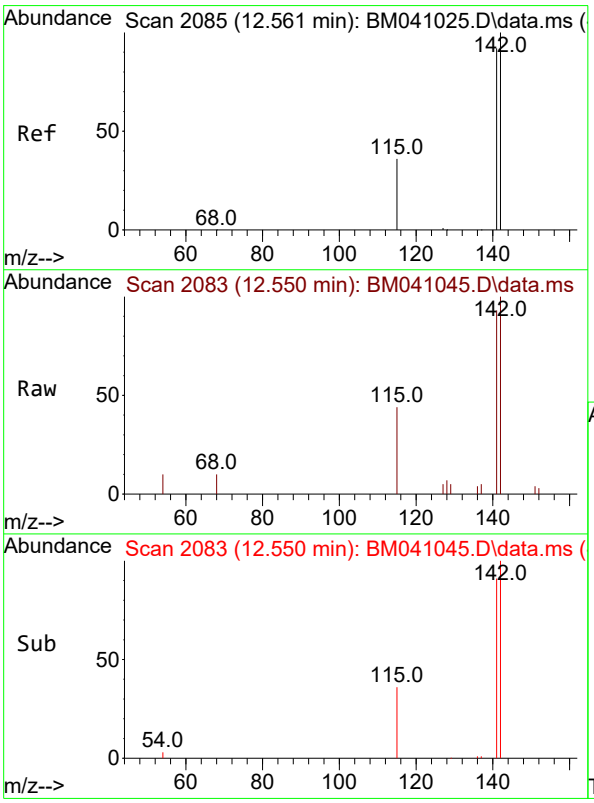
#7
2-Methylnaphthalene
Concen: 0.202 ng/ul
RT: 12.330 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM041045.D
Acq: 22 Jul 2023 09:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 4381

Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.2	109.8

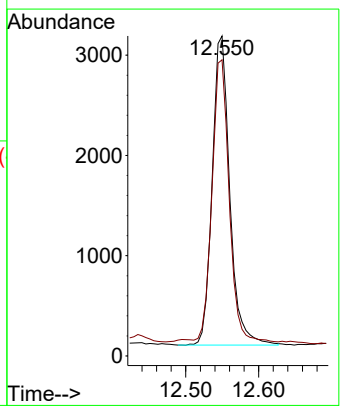


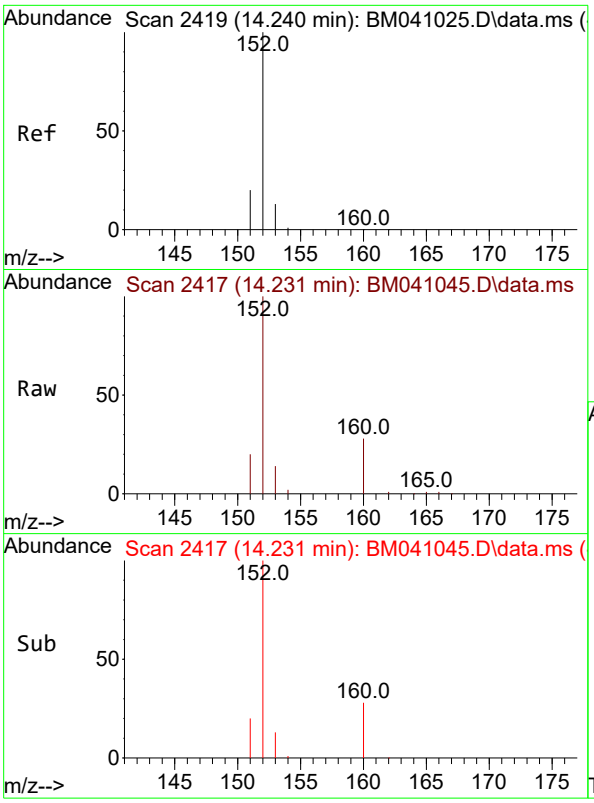


#8
1-Methylnaphthalene
Concen: 0.224 ng/ul
RT: 12.550 min Scan# 2083
Delta R.T. -0.006 min
Lab File: BM041045.D
Acq: 22 Jul 2023 09:02

Tgt Ion:142 Resp: 5170

Ion	Ratio	Lower	Upper
142	100		
141	88.7	73.4	110.2



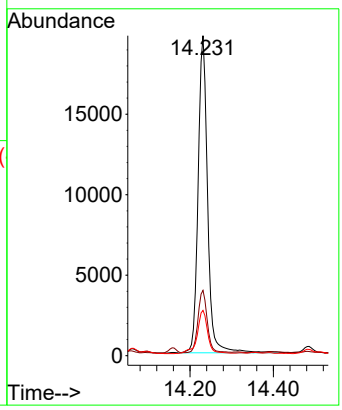


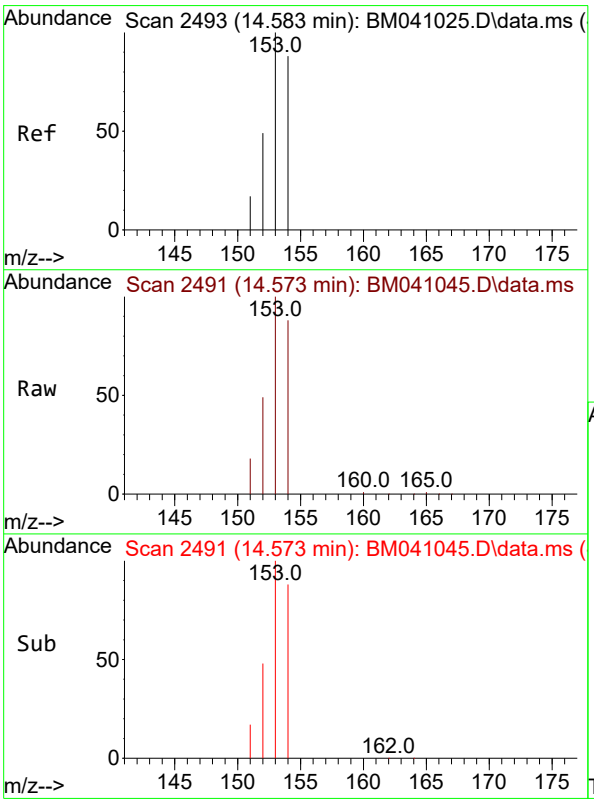
#10
Acenaphthylene
Concen: 0.905 ng/ul
RT: 14.231 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM041045.D
Acq: 22 Jul 2023 09:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 31240

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.8	25.2
153	14.2	11.6	17.4

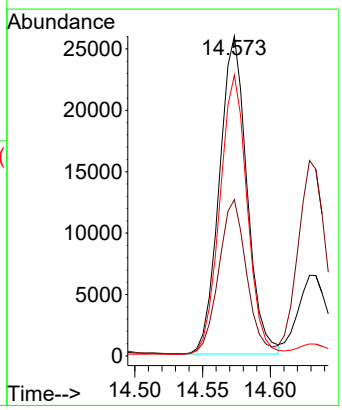


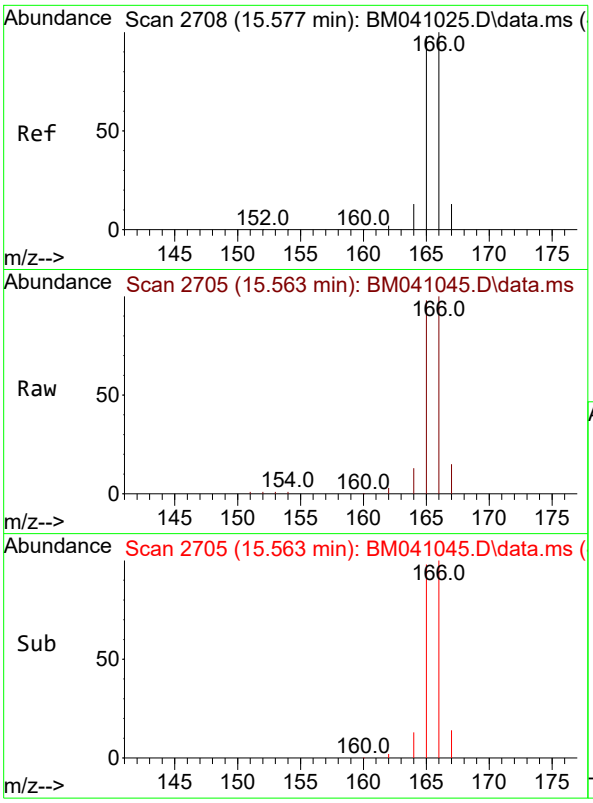


#11
Acenaphthene
Concen: 1.205 ng/ul
RT: 14.573 min Scan# 2491
Delta R.T. -0.000 min
Lab File: BM041045.D
Acq: 22 Jul 2023 09:02

Tgt Ion:153 Resp: 36689

Ion	Ratio	Lower	Upper
153	100		
152	48.8	41.0	61.6
154	87.8	68.2	102.2



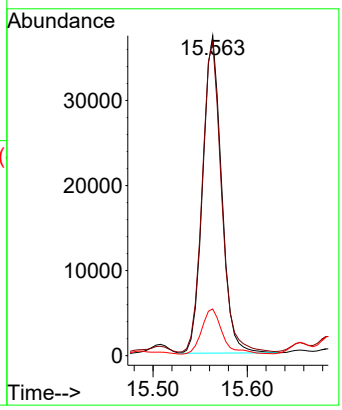


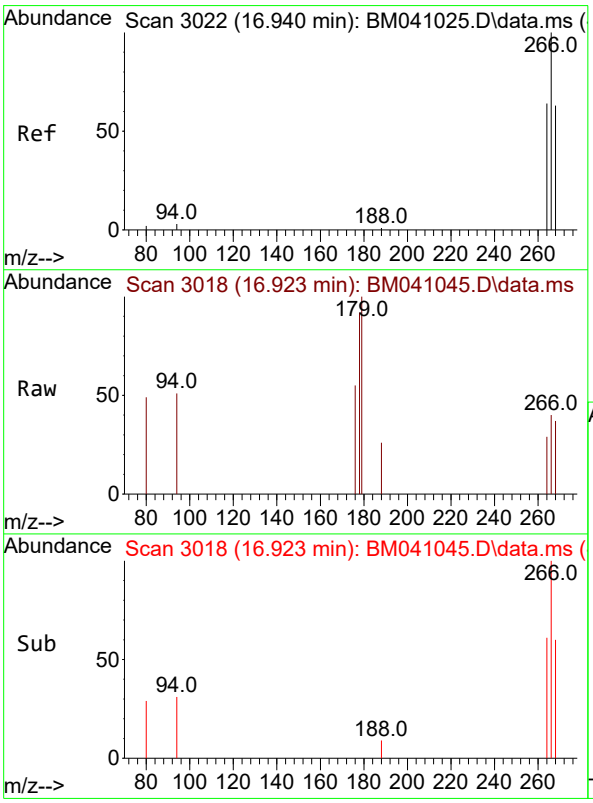
#12
Fluorene
Concen: 1.642 ng/ul
RT: 15.563 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM041045.D
Acq: 22 Jul 2023 09:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 51739

Ion	Ratio	Lower	Upper
166	100		
165	98.0	80.3	120.5
167	14.6	11.7	17.5

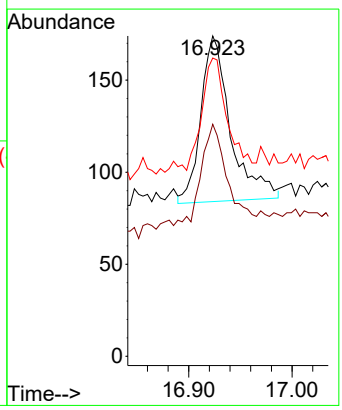


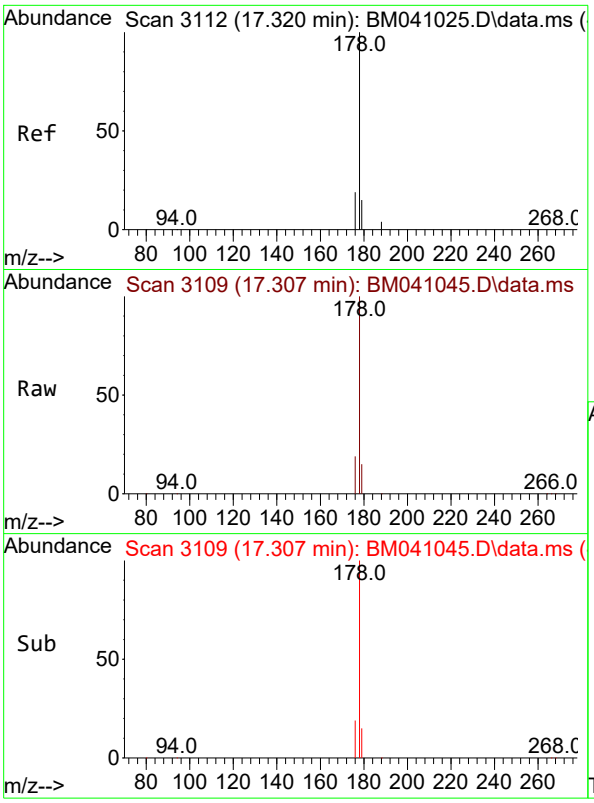


#14
Pentachlorophenol
Concen: 0.038 ng/ul
RT: 16.923 min Scan# 3018
Delta R.T. -0.013 min
Lab File: BM041045.D
Acq: 22 Jul 2023 09:02

Tgt Ion:266 Resp: 180

Ion	Ratio	Lower	Upper
266	100		
264	71.1	50.7	76.1
268	61.7	52.8	79.2



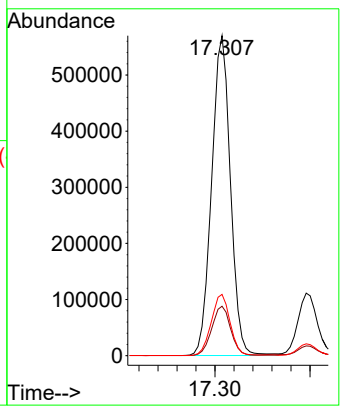


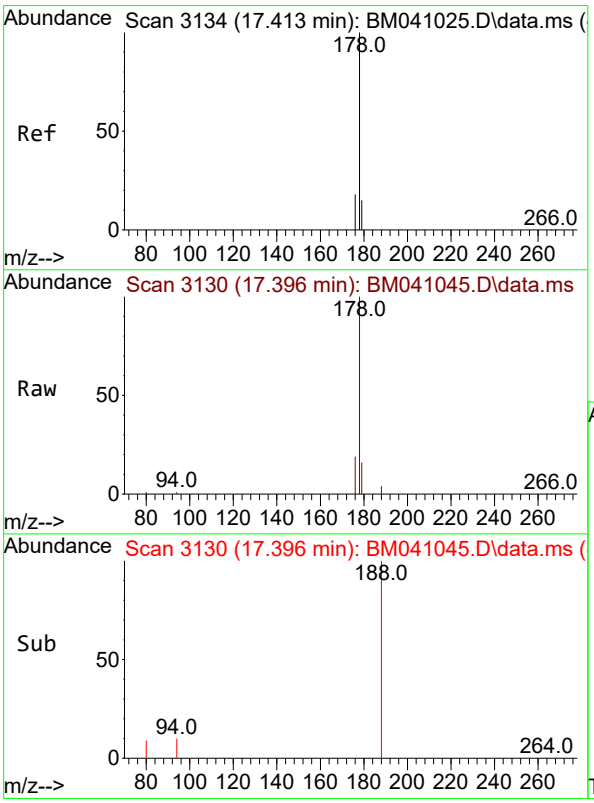
#15
Phenanthrene
Concen: 11.272 ng/ul
RT: 17.307 min Scan# 3
Delta R.T. -0.008 min
Lab File: BM041045.D
Acq: 22 Jul 2023 09:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 785280

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.0	19.6
176	19.1	16.2	24.4

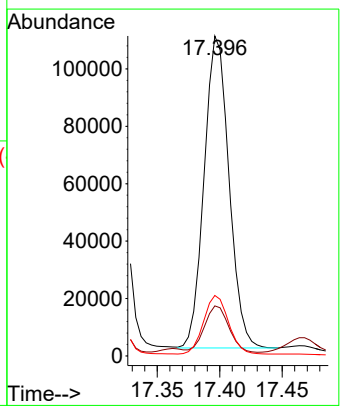


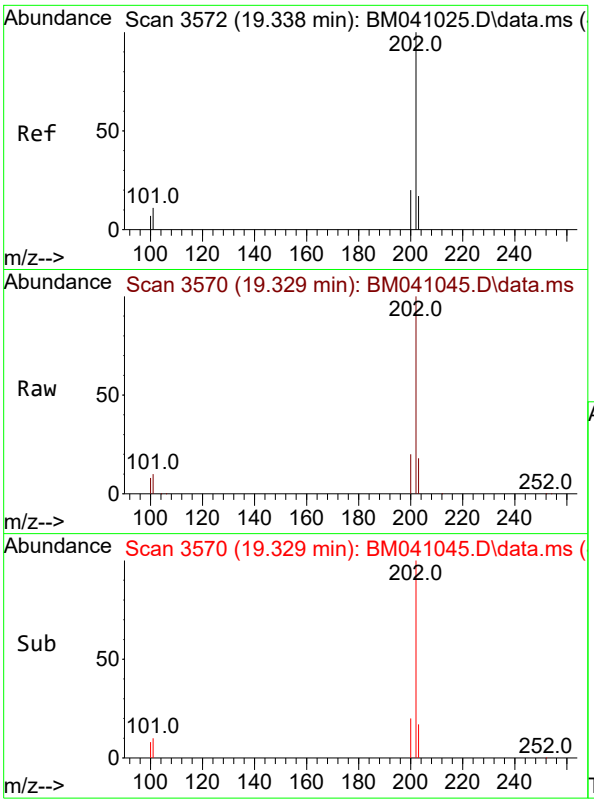


#16
Anthracene
Concen: 2.768 ng/ul
RT: 17.396 min Scan# 3130
Delta R.T. -0.013 min
Lab File: BM041045.D
Acq: 22 Jul 2023 09:02

Tgt Ion:178 Resp: 150237

Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.7	20.5
176	18.9	16.4	24.6



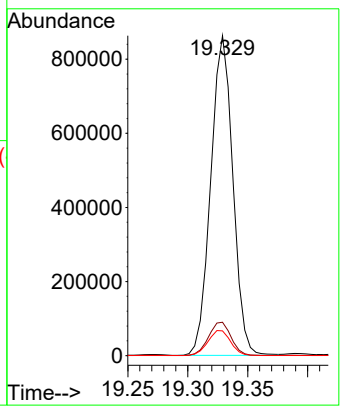


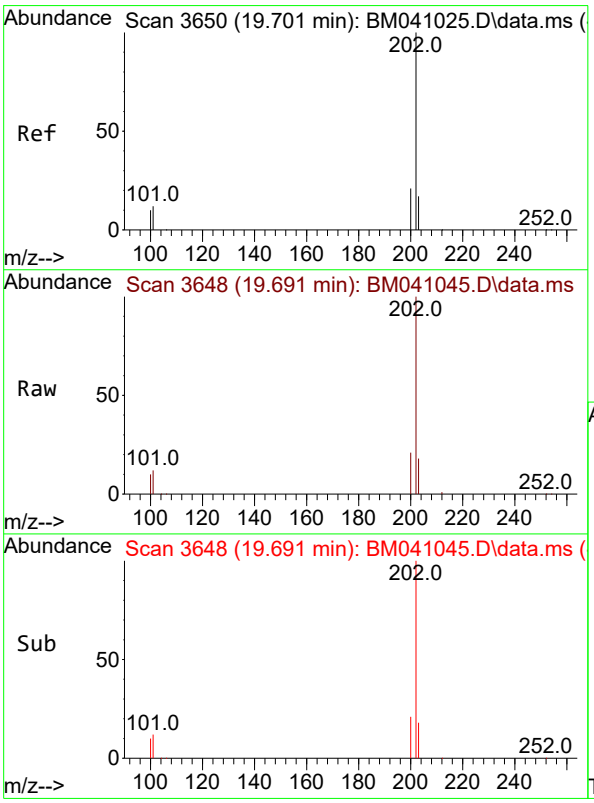
#19
Fluoranthene
Concen: 18.472 ng/ul
RT: 19.329 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM041045.D
Acq: 22 Jul 2023 09:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 1108890

Ion	Ratio	Lower	Upper
202	100		
101	10.5	11.0	16.4#
100	7.8	8.3	12.5#

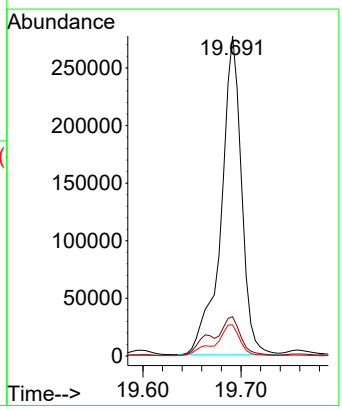


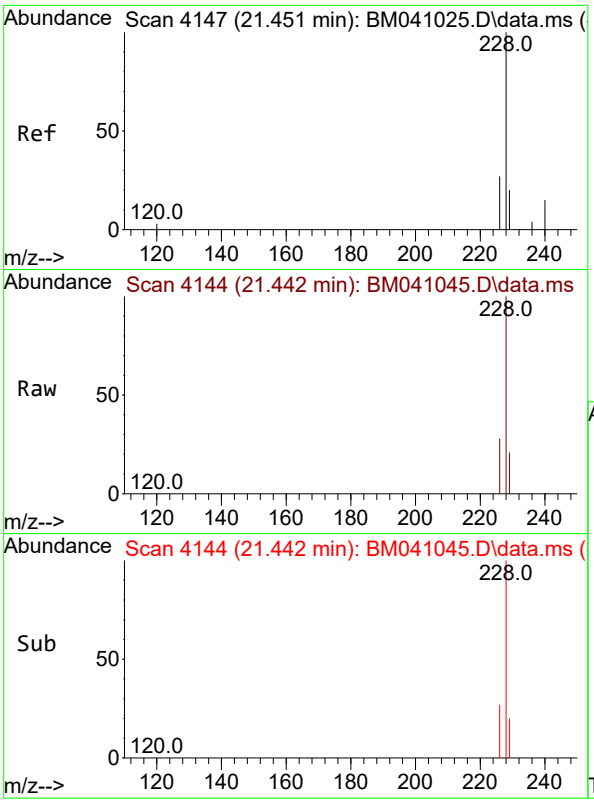


#20
Pyrene
Concen: 6.539 ng/ul
RT: 19.691 min Scan# 3648
Delta R.T. -0.005 min
Lab File: BM041045.D
Acq: 22 Jul 2023 09:02

Tgt Ion:202 Resp: 401032

Ion	Ratio	Lower	Upper
202	100		
101	12.3	12.5	18.7#
100	9.7	10.0	15.0#



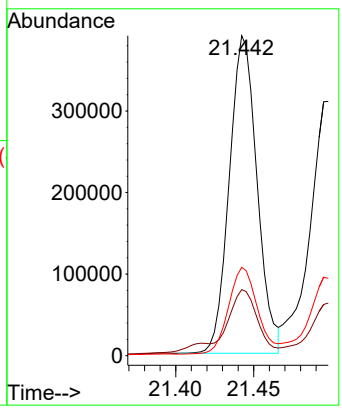


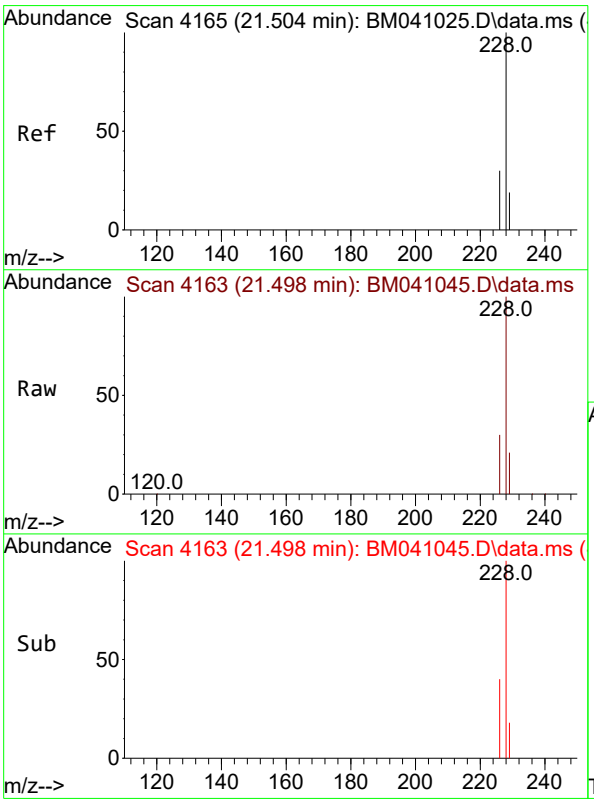
#21
Benzo(a)anthracene
Concen: 13.591 ng/ul
RT: 21.442 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM041045.D
Acq: 22 Jul 2023 09:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 481371

Ion	Ratio	Lower	Upper
228	100		
229	20.7	16.2	24.4
226	27.6	22.3	33.5

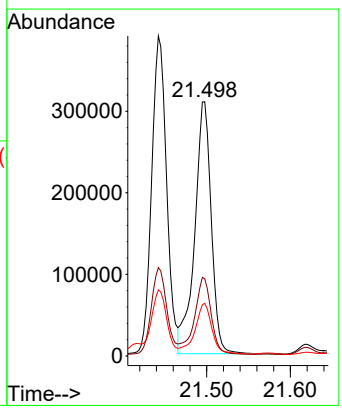


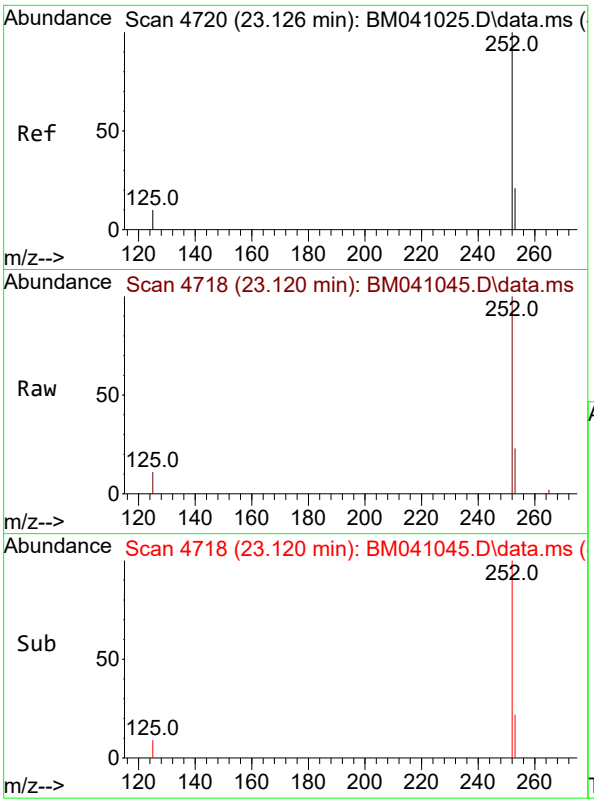


#22
Chrysene
Concen: 10.494 ng/ul
RT: 21.498 min Scan# 4163
Delta R.T. -0.003 min
Lab File: BM041045.D
Acq: 22 Jul 2023 09:02

Tgt Ion:228 Resp: 424910

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.6	37.0
229	20.7	16.1	24.1



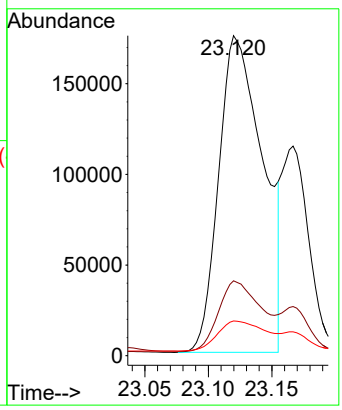


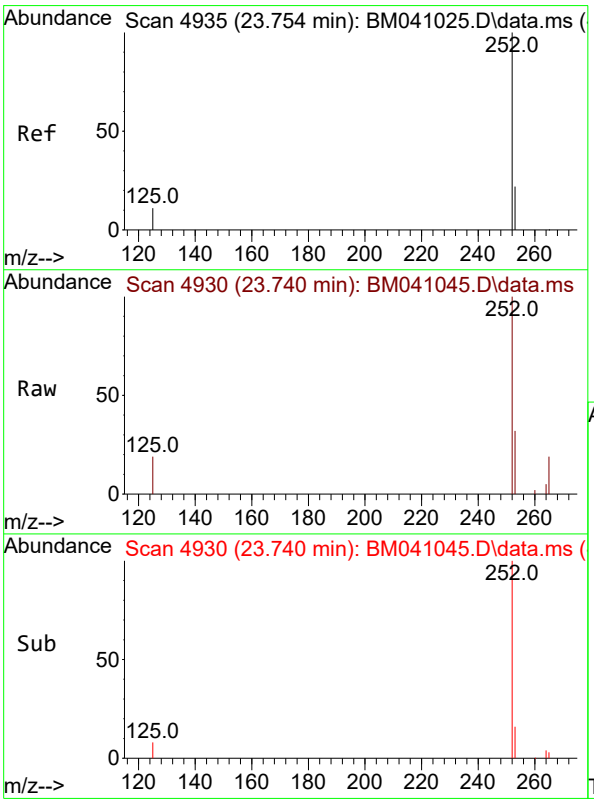
#24
Benzo(b)fluoranthene
Concen: 7.479 ng/ul
RT: 23.120 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM041045.D
Acq: 22 Jul 2023 09:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 422542

Ion	Ratio	Lower	Upper
252	100		
253	23.4	0.0	57.4
125	10.9	0.0	45.2

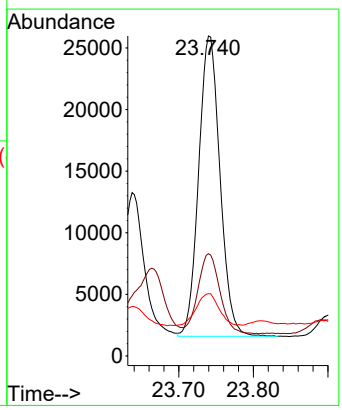


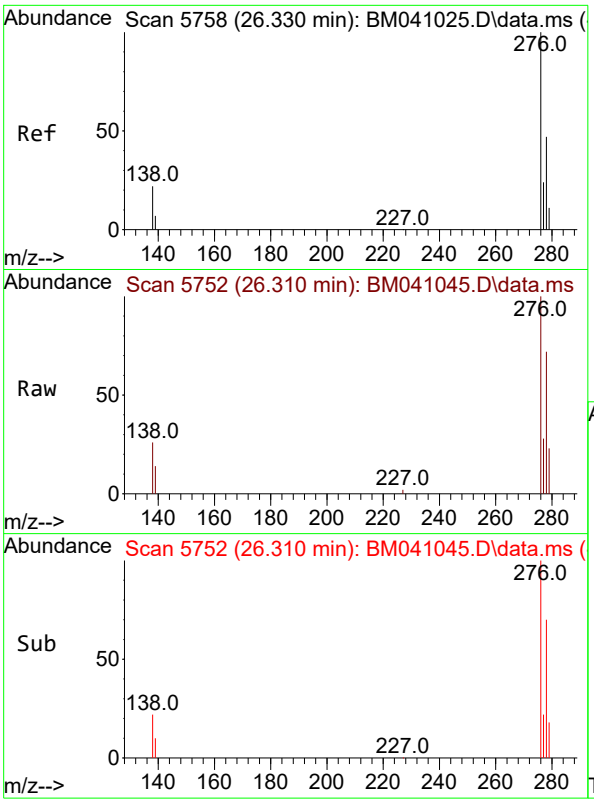


#26
Benzo(a)pyrene
Concen: 0.993 ng/ul
RT: 23.740 min Scan# 4930
Delta R.T. -0.009 min
Lab File: BM041045.D
Acq: 22 Jul 2023 09:02

Tgt Ion:252 Resp: 48443

Ion	Ratio	Lower	Upper
252	100		
253	32.0	28.2	42.2
125	19.5	25.2	37.8#



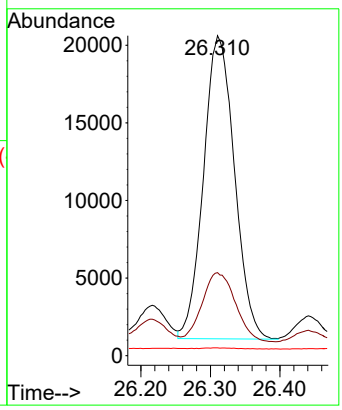


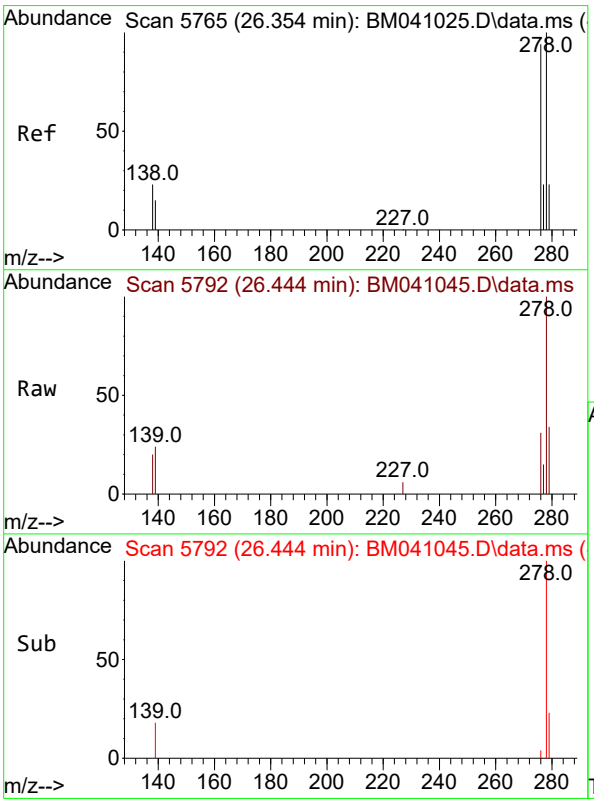
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.933 ng/ul
RT: 26.310 min Scan# 5
Delta R.T. -0.017 min
Lab File: BM041045.D
Acq: 22 Jul 2023 09:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 60388

Ion	Ratio	Lower	Upper
276	100		
138	24.6	22.3	33.5
227	0.3	0.0	0.0#

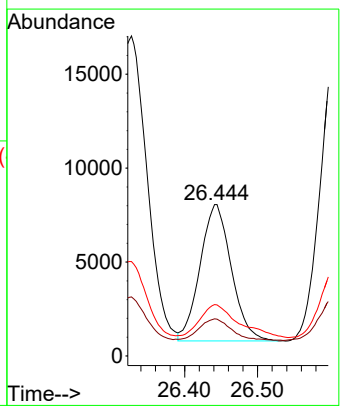


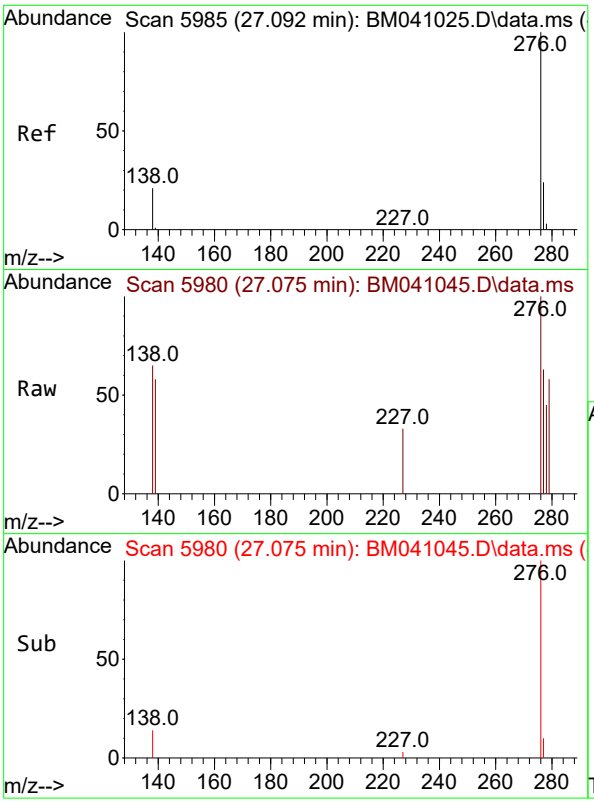


#28
Dibenzo(a,h)anthracene
Concen: 0.441 ng/ul
RT: 26.444 min Scan# 5792
Delta R.T. 0.097 min
Lab File: BM041045.D
Acq: 22 Jul 2023 09:02

Tgt Ion:278 Resp: 21623

Ion	Ratio	Lower	Upper
278	100		
139	24.4	19.2	28.8
279	33.7	27.0	40.6





#29
Benzo(g,h,i)perylene
Concen: 0.053 ng/ul
RT: 27.075 min Scan# 5
Delta R.T. -0.010 min
Lab File: BM041045.D
Acq: 22 Jul 2023 09:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 3150

Ion	Ratio	Lower	Upper
276	100		
138	65.0	22.6	34.0#
277	62.6	21.2	31.8#