Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082923\
Data File : BM041617.D
Acq On : 31 Aug 2023 15:38
Operator : MA/JU
Sample : 04154-01
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG8

Quant Time: Sep 01 02:09:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 30 01:50:06 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	6373	0.400	ng/ul	0.00
4) Naphthalene-d8	10.944	136	15513	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.745	164	6788	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.497	188	13575	0.400	ng/ul	0.00
17) Chrysene-d12	21.682	240	5248	0.400	ng/ul	0.00
23) Perylene-d12	24.243	264	6374	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	37810	4.020	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.511	152	5369	0.287	ng/ul	-0.01
18) Fluoranthene-d10	19.515	212	8324	0.322	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.999	128	9159042	184.666	ng/ul	99
7) 2-Methylnaphthalene	12.588	142	78093	2.776	ng/ul	100
8) 1-Methylnaphthalene	12.808	142	1034345	36.383	ng/ul	100
10) Acenaphthylene	14.476	152	86727	1.833	ng/ul	99
11) Acenaphthene	14.809	153	1893436	58.015	ng/ul	97
12) Fluorene	15.795	166	1045704	29.436	ng/ul	97
14) Pentachlorophenol	17.122	266	10429	1.999	ng/ul	99
15) Phenanthrene	17.540	178	873942	14.744	ng/ul	99
16) Anthracene	17.633	178	73739	1.432	ng/ul	99
19) Fluoranthene	19.547	202	75055	1.090	ng/ul	100
20) Pyrene	19.915	202	36362	0.525	ng/ul	99
26) Benzo(a)pyrene	24.076	252	5812	0.110	ng/ul#	60

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

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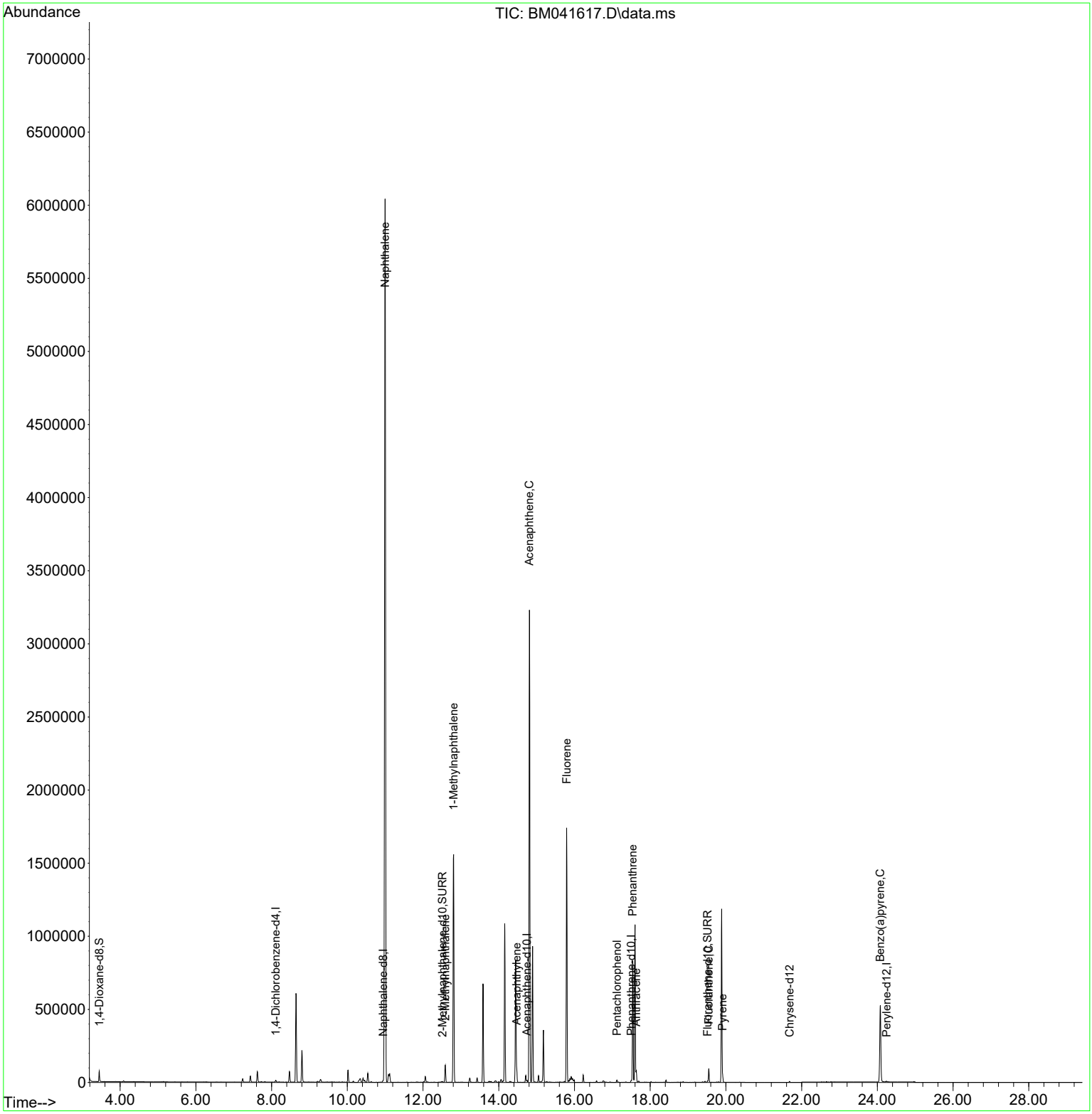
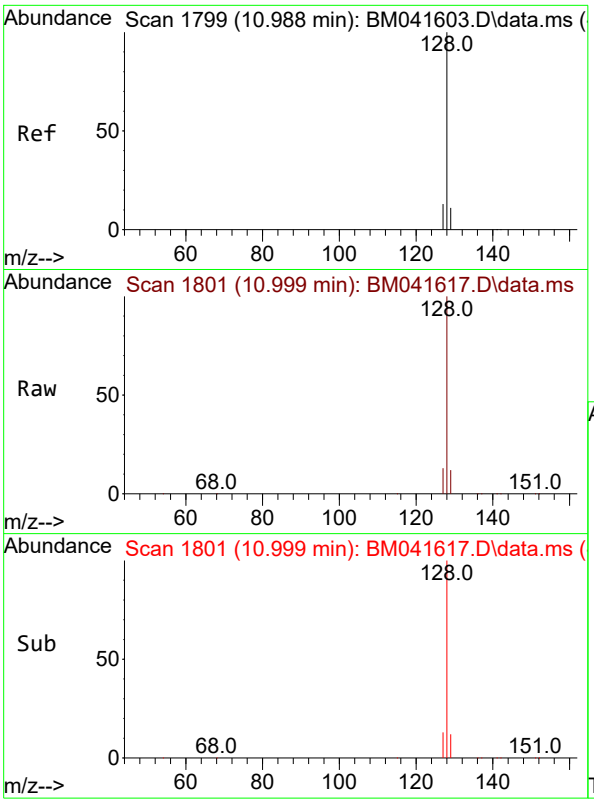


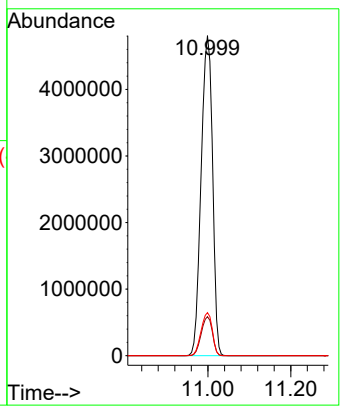


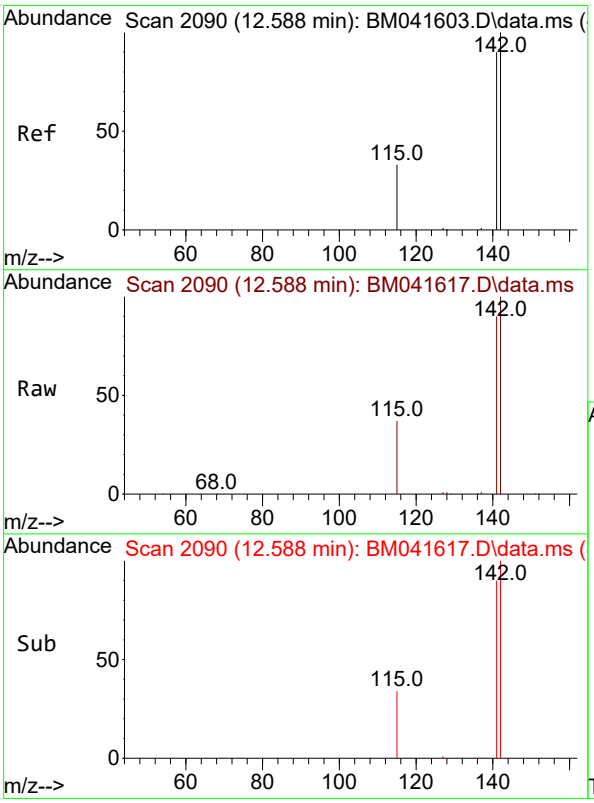
#5
Naphthalene
Concen: 184.666 ng/ul
RT: 10.999 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM041617.D
Acq: 31 Aug 2023 15:38

Instrument :
BNA_M
ClientSampleId :
C0AG8

Tgt Ion:128 Resp: 9159042

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.1	13.7
127	13.5	10.6	15.8

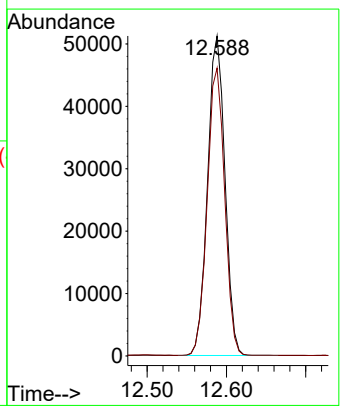


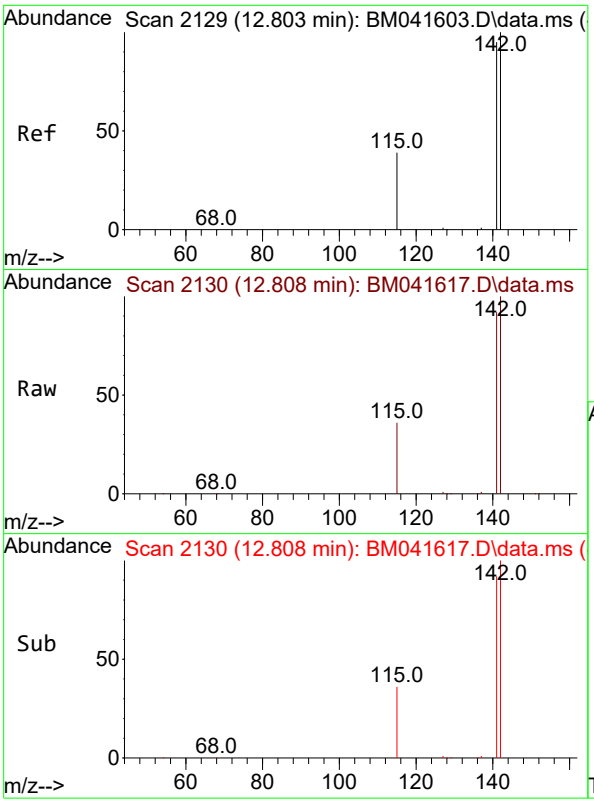


#7
2-Methylnaphthalene
Concen: 2.776 ng/ul
RT: 12.588 min Scan# 2090
Delta R.T. -0.005 min
Lab File: BM041617.D
Acq: 31 Aug 2023 15:38

Tgt Ion:142 Resp: 78093

Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.8	107.8



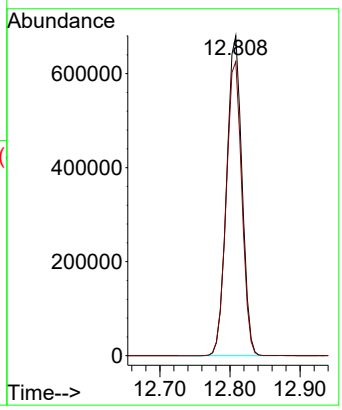


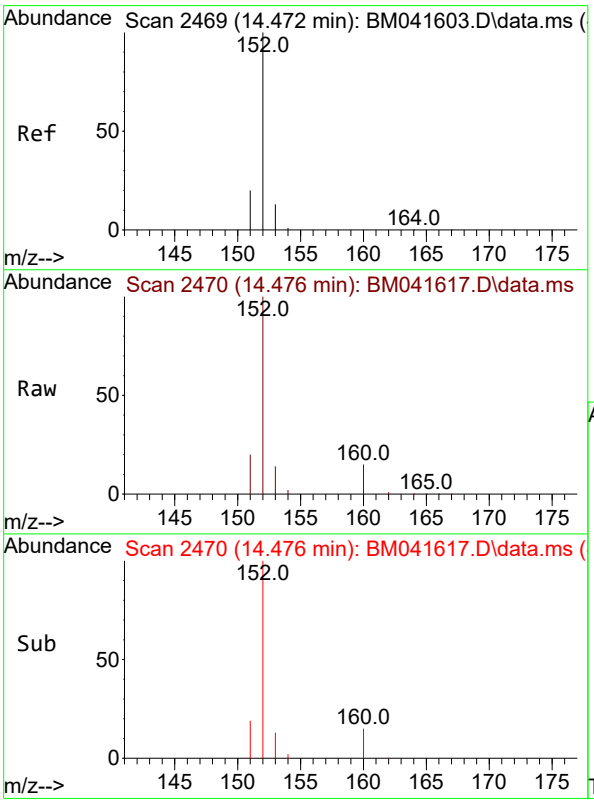
#8
1-Methylnaphthalene
Concen: 36.383 ng/ul
RT: 12.808 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM041617.D
Acq: 31 Aug 2023 15:38

Instrument :
BNA_M
ClientSampleId :
C0AG8

Tgt Ion:142 Resp: 1034345

Ion	Ratio	Lower	Upper
142	100		
141	93.1	74.2	111.2

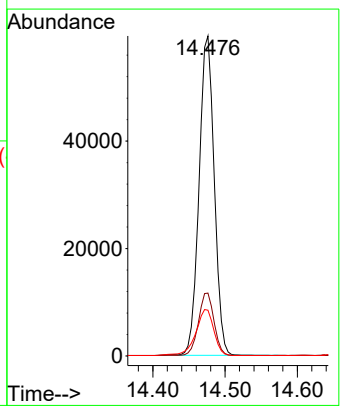


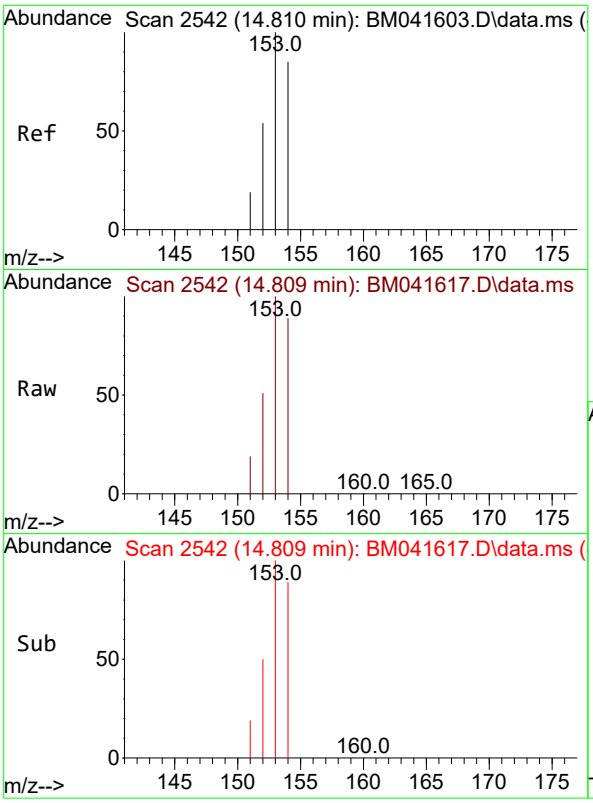


#10
Acenaphthylene
Concen: 1.833 ng/ul
RT: 14.476 min Scan# 2470
Delta R.T. -0.005 min
Lab File: BM041617.D
Acq: 31 Aug 2023 15:38

Tgt Ion:152 Resp: 86727

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.9	23.9
153	14.3	10.6	15.8



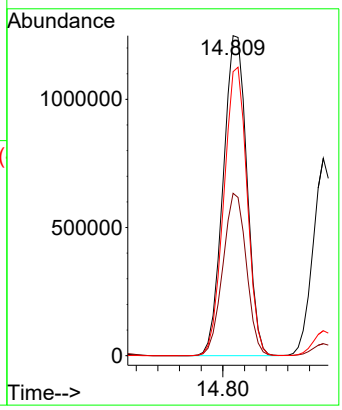


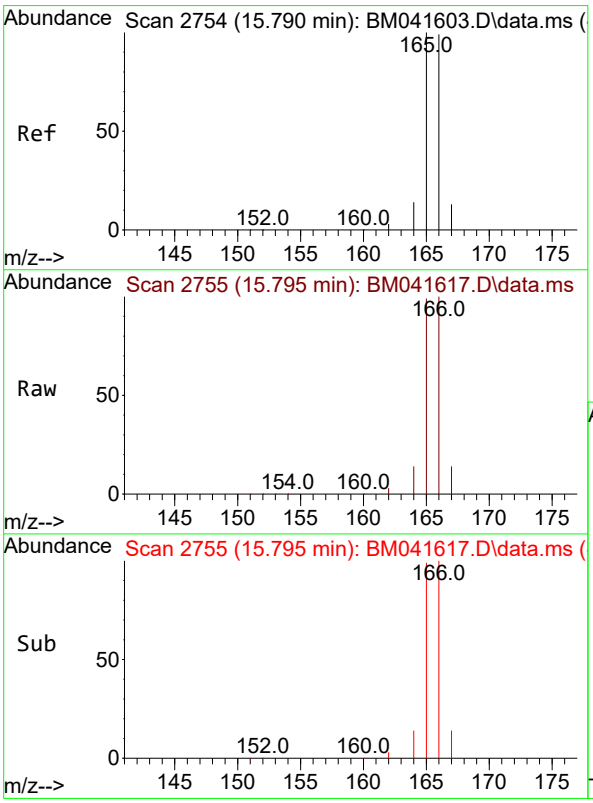
#11
Acenaphthene
Concen: 58.015 ng/ul
RT: 14.809 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM041617.D
Acq: 31 Aug 2023 15:38

Instrument :
BNA_M
ClientSampleId :
C0AG8

Tgt Ion:153 Resp: 1893436

Ion	Ratio	Lower	Upper
153	100		
152	50.7	43.4	65.2
154	88.8	70.2	105.2

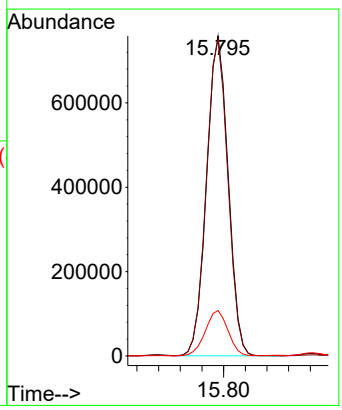


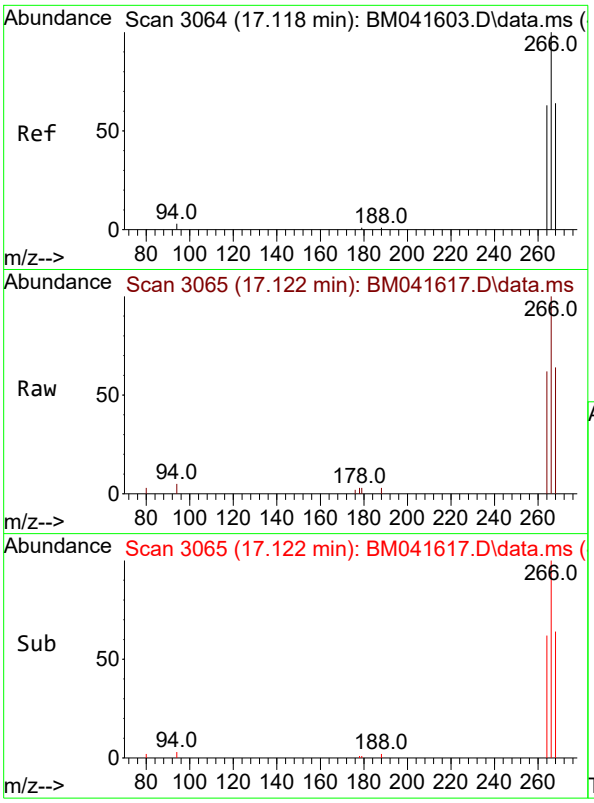


#12
Fluorene
Concen: 29.436 ng/ul
RT: 15.795 min Scan# 2755
Delta R.T. -0.005 min
Lab File: BM041617.D
Acq: 31 Aug 2023 15:38

Tgt Ion:166 Resp: 1045704

Ion	Ratio	Lower	Upper
166	100		
165	98.8	82.2	123.2
167	14.2	11.5	17.3



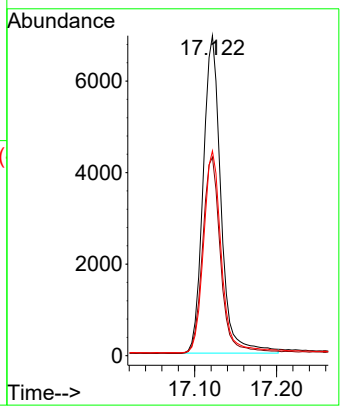


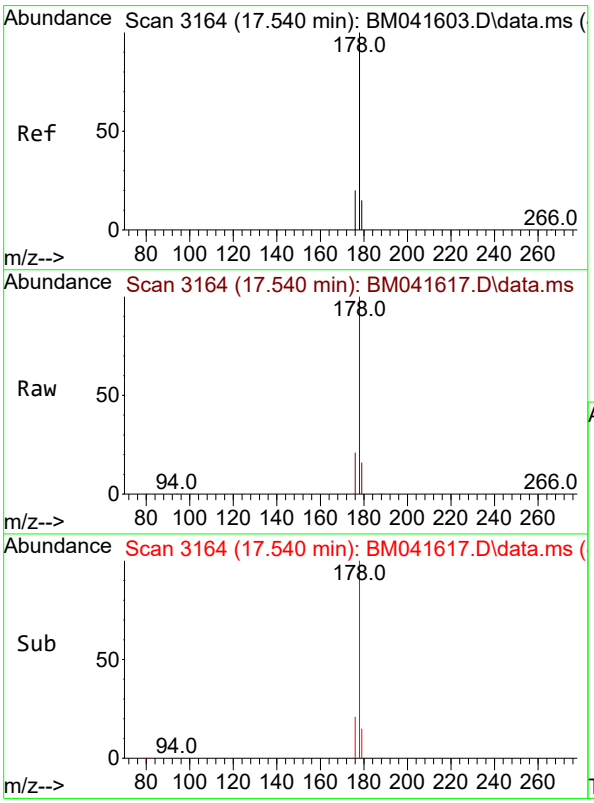
#14
Pentachlorophenol
Concen: 1.999 ng/ul
RT: 17.122 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM041617.D
Acq: 31 Aug 2023 15:38

Instrument :
BNA_M
ClientSampleId :
C0AG8

Tgt Ion:266 Resp: 10429

Ion	Ratio	Lower	Upper
266	100		
264	62.8	49.3	73.9
268	63.6	50.2	75.4

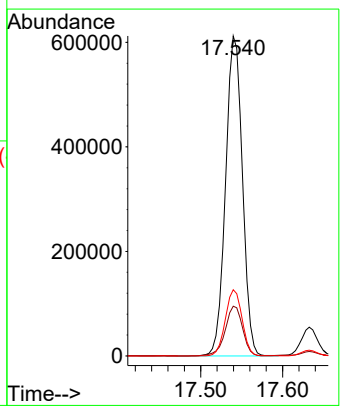


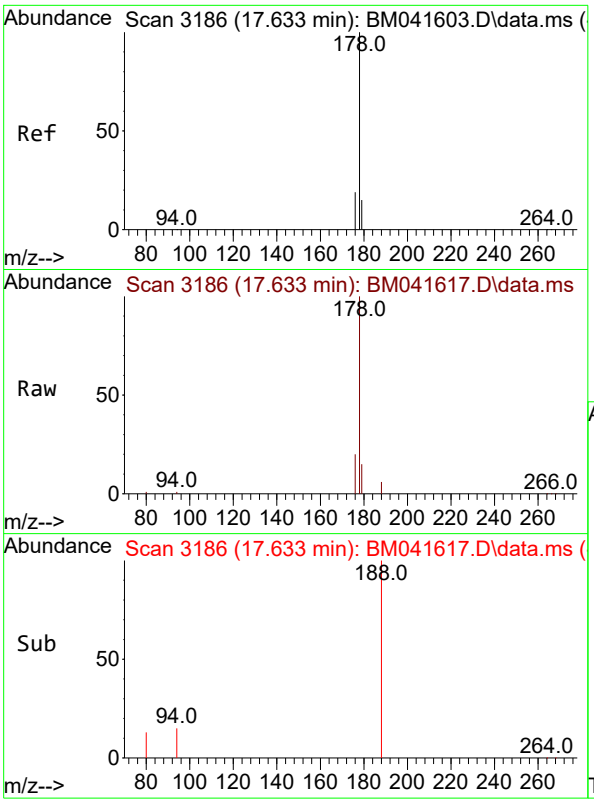


#15
Phenanthrene
Concen: 14.744 ng/ul
RT: 17.540 min Scan# 3164
Delta R.T. -0.008 min
Lab File: BM041617.D
Acq: 31 Aug 2023 15:38

Tgt Ion:178 Resp: 873942

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	19.0
176	20.7	16.2	24.4



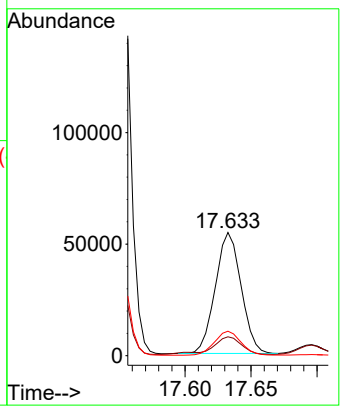


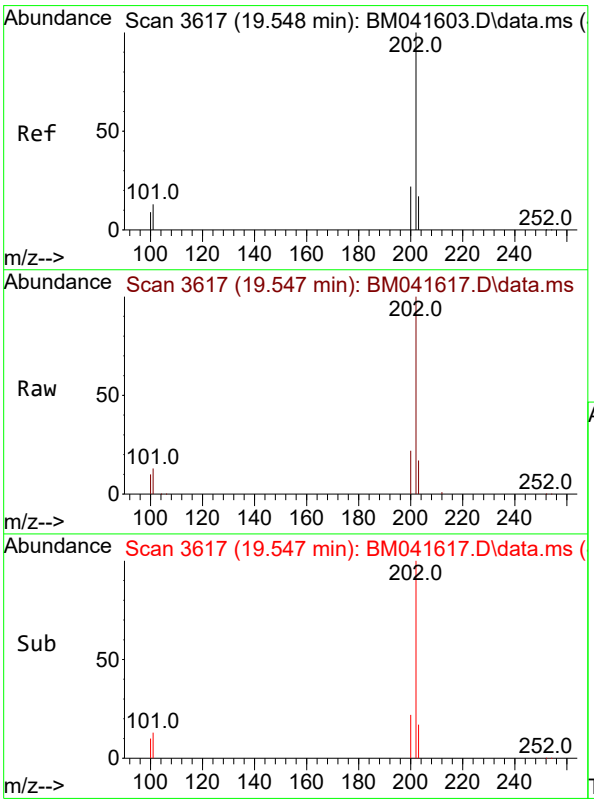
#16
Anthracene
Concen: 1.432 ng/ul
RT: 17.633 min Scan# 3
Delta R.T. -0.008 min
Lab File: BM041617.D
Acq: 31 Aug 2023 15:38

Instrument :
BNA_M
ClientSampleId :
C0AG8

Tgt Ion:178 Resp: 73739

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.9	19.3
176	19.9	15.6	23.4

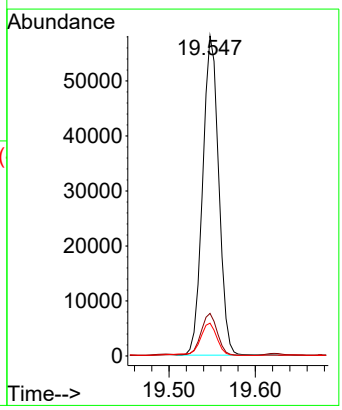


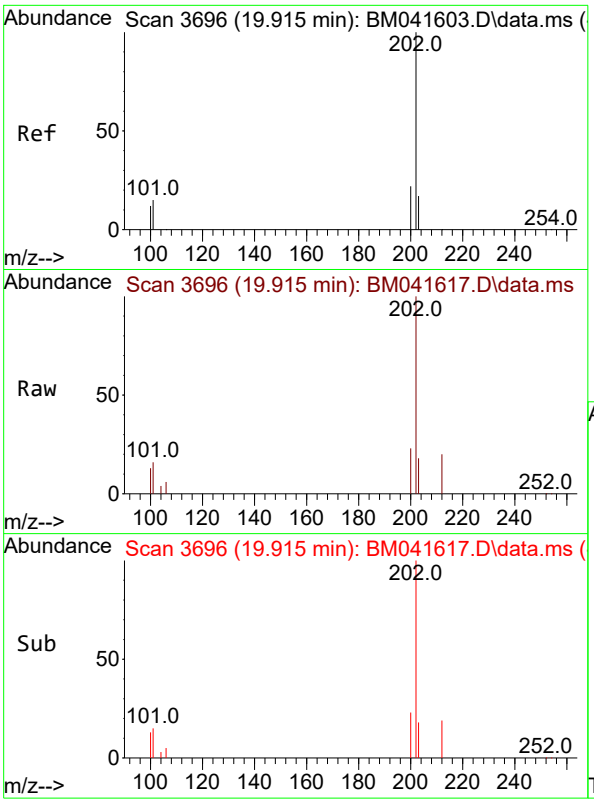


#19
Fluoranthene
Concen: 1.090 ng/ul
RT: 19.547 min Scan# 3617
Delta R.T. -0.009 min
Lab File: BM041617.D
Acq: 31 Aug 2023 15:38

Tgt Ion:202 Resp: 75055

Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.7	16.1
100	10.3	8.1	12.1



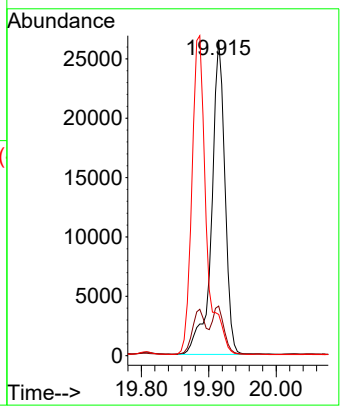


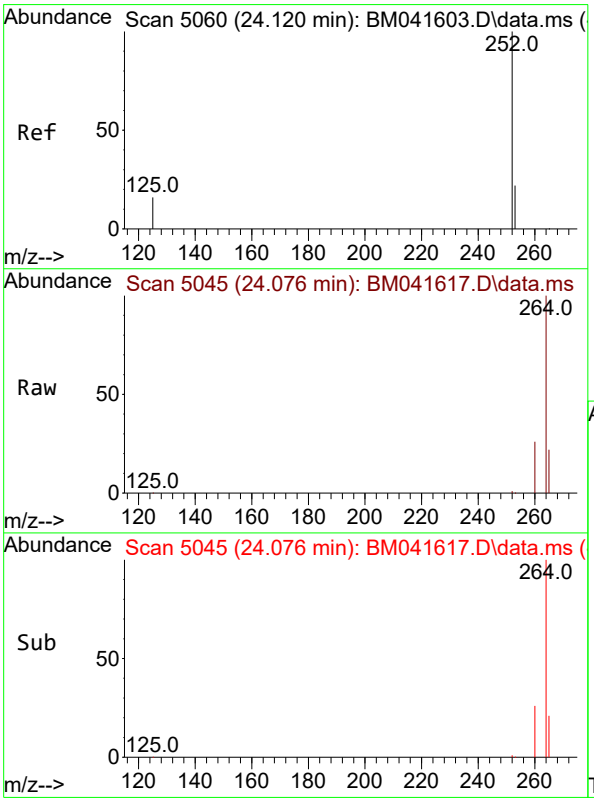
#20
Pyrene
Concen: 0.525 ng/ul
RT: 19.915 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM041617.D
Acq: 31 Aug 2023 15:38

Instrument :
BNA_M
ClientSampleId :
C0AG8

Tgt Ion:202 Resp: 36362

Ion	Ratio	Lower	Upper
202	100		
101	15.7	12.2	18.4
100	13.1	9.8	14.8





#26
Benzo(a)pyrene
Concen: 0.110 ng/ul
RT: 24.076 min Scan# 5045
Delta R.T. -0.061 min
Lab File: BM041617.D
Acq: 31 Aug 2023 15:38

Tgt Ion:252 Resp: 5812

Ion	Ratio	Lower	Upper
252	100		
253	39.7	20.9	31.3#
125	53.2	21.1	31.7#