Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082923\
Data File : BM041609.D
Acq On : 31 Aug 2023 10:43
Operator : MA/JU
Sample : 04159-08
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCHJ5

Quant Time: Sep 01 02:08:11 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	5892	0.400	ng/ul	0.00
4) Naphthalene-d8	10.938	136	13618	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.745	164	6073	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.497	188	11321	0.400	ng/ul	0.00
17) Chrysene-d12	21.685	240	4115	0.400	ng/ul	0.00
23) Perylene-d12	24.246	264	5082	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	34807	4.003	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.511	152	4469	0.272	ng/ul	-0.01
18) Fluoranthene-d10	19.520	212	6619	0.326	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.486	88	213	0.023	ng/ul#	47
5) Naphthalene	10.988	128	2529	0.058	ng/ul#	86
10) Acenaphthylene	14.476	152	1870	0.044	ng/ul#	87
11) Acenaphthene	14.809	153	2529	0.087	ng/ul	99
12) Fluorene	15.790	166	8484	0.267	ng/ul#	99
15) Phenanthrene	17.540	178	1414	0.029	ng/ul#	81
16) Anthracene	17.633	178	2419	0.056	ng/ul#	88
20) Pyrene	19.887	202	2840	0.052	ng/ul#	1
26) Benzo(a)pyrene	24.079	252	4869	0.116	ng/ul#	57

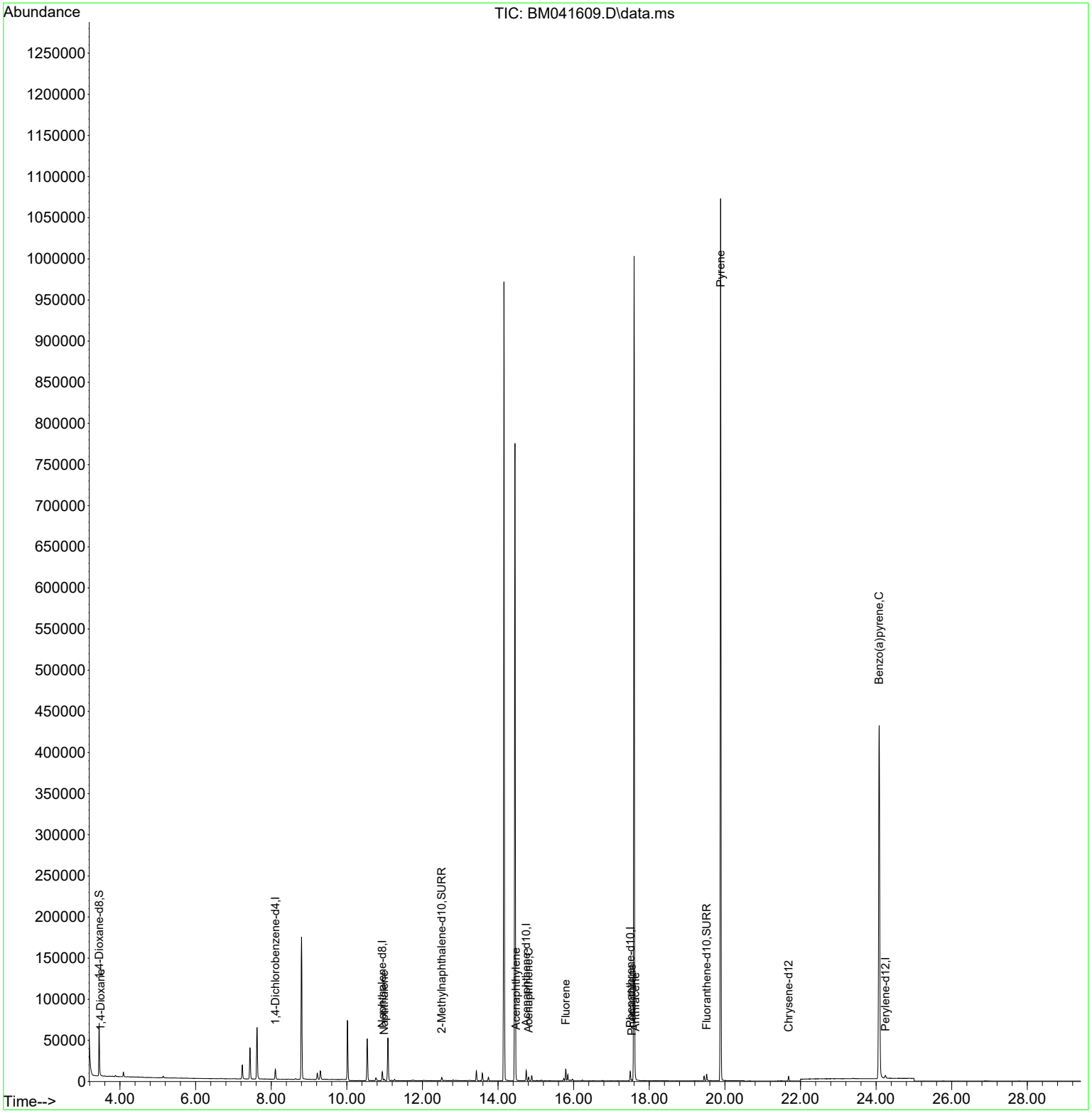
(#) = qualifier out of range (m) = manual integration (+) = signals summed

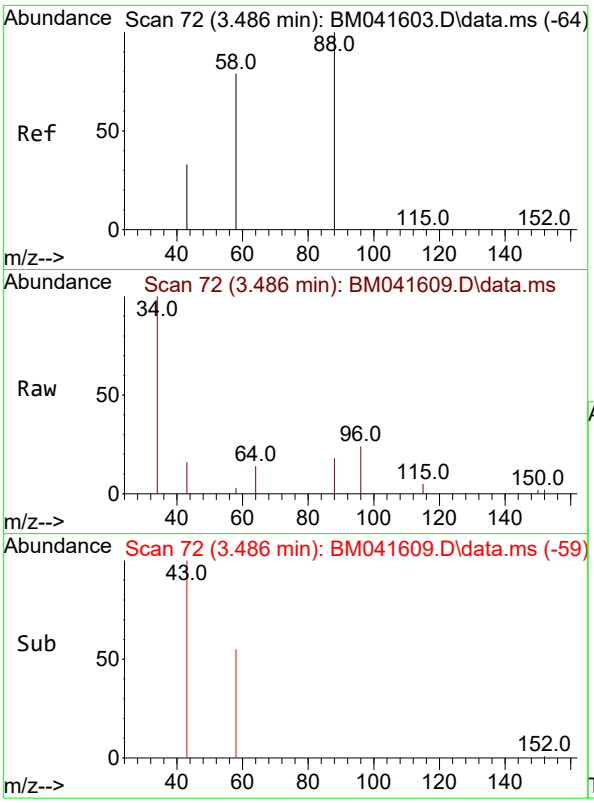
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082923\
Data File : BM041609.D
Acq On : 31 Aug 2023 10:43
Operator : MA/JU
Sample : 04159-08
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCHJ5

Quant Time: Sep 01 02:08:11 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



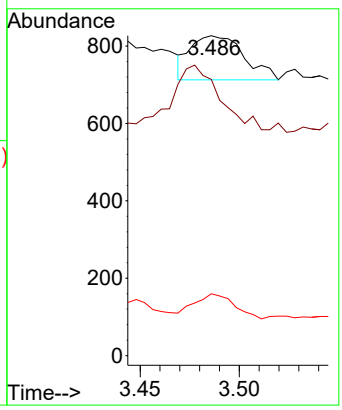


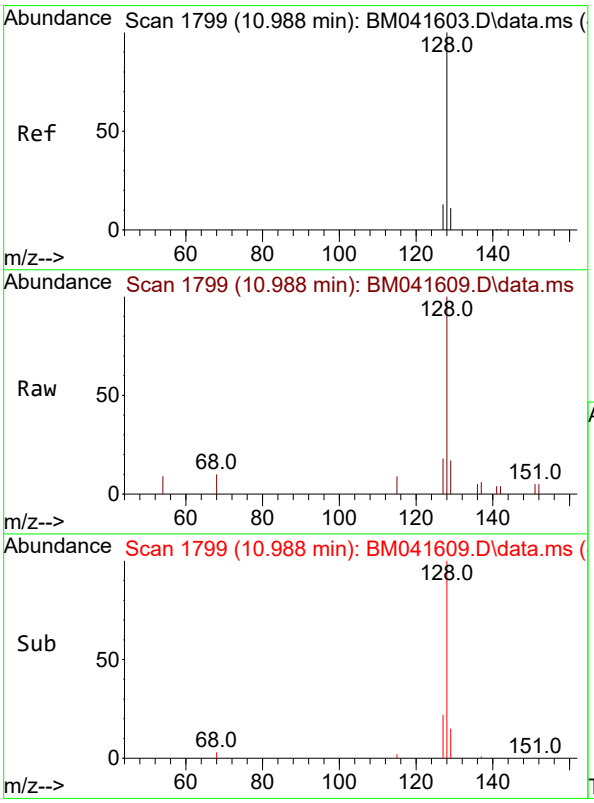
#2
1,4-Dioxane
Concen: 0.023 ng/ul
RT: 3.486 min Scan# 7
Delta R.T. -0.004 min
Lab File: BM041609.D
Acq: 31 Aug 2023 10:43

Instrument :
BNA_M
ClientSampleId :
DCHJ5

Tgt Ion: 88 Resp: 213

Ion	Ratio	Lower	Upper
88	100		
43	86.3	46.2	69.2#
58	19.3	58.1	87.1#

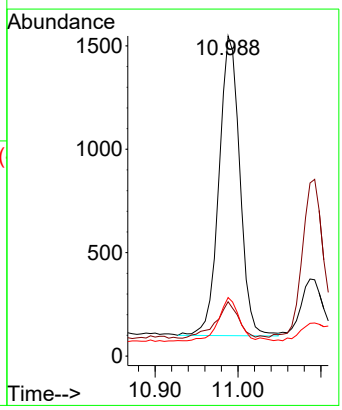


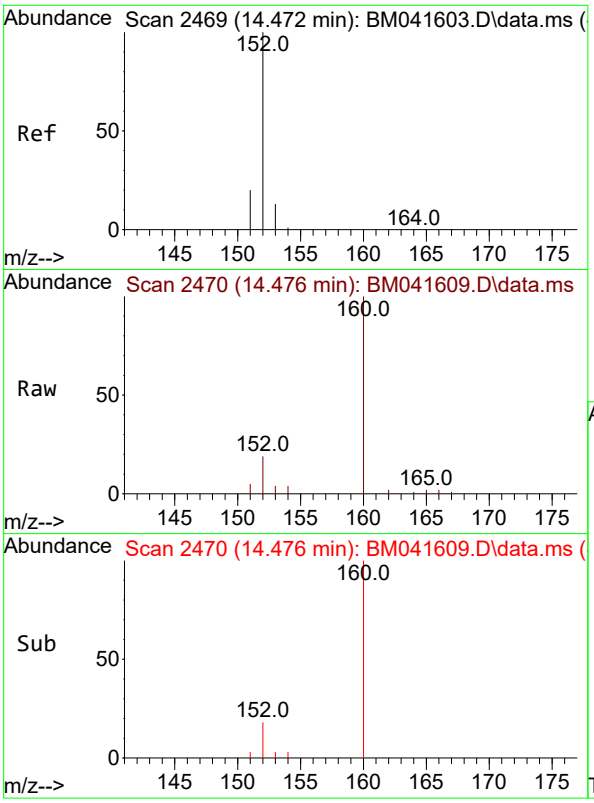


#5
Naphthalene
Concen: 0.058 ng/ul
RT: 10.988 min Scan# 1799
Delta R.T. -0.011 min
Lab File: BM041609.D
Acq: 31 Aug 2023 10:43

Tgt Ion:128 Resp: 2529

Ion	Ratio	Lower	Upper
128	100		
129	17.0	9.1	13.7#
127	18.3	10.6	15.8#



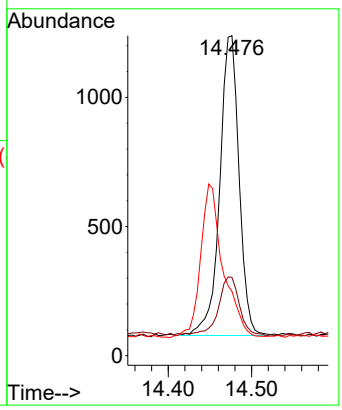


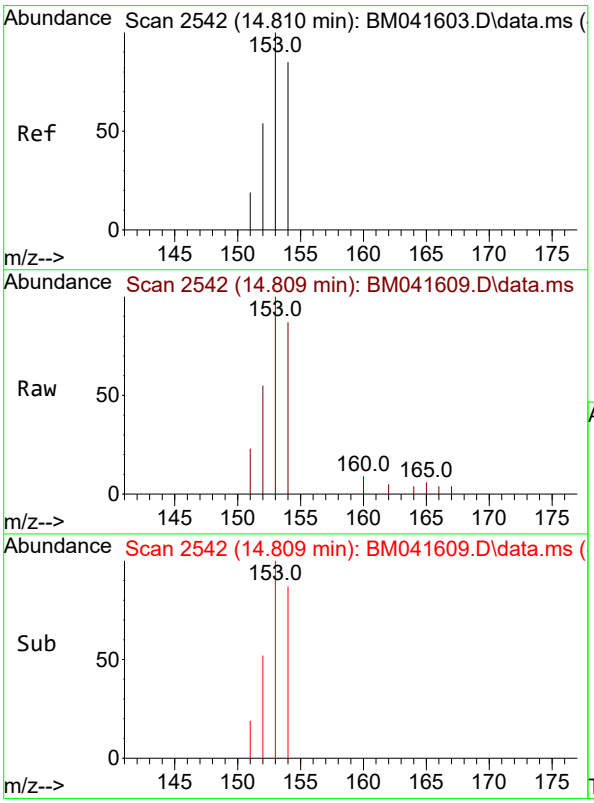
#10
Acenaphthylene
Concen: 0.044 ng/ul
RT: 14.476 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM041609.D
Acq: 31 Aug 2023 10:43

Instrument :
BNA_M
ClientSampleId :
DCHJ5

Tgt Ion:152 Resp: 1870

Ion	Ratio	Lower	Upper
152	100		
151	24.5	15.9	23.9#
153	20.1	10.6	15.8#

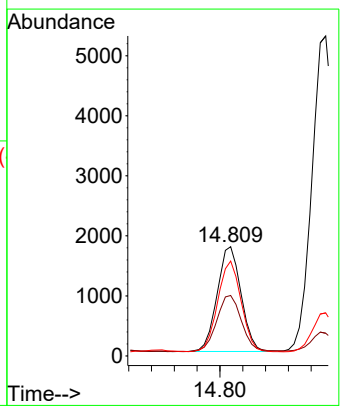


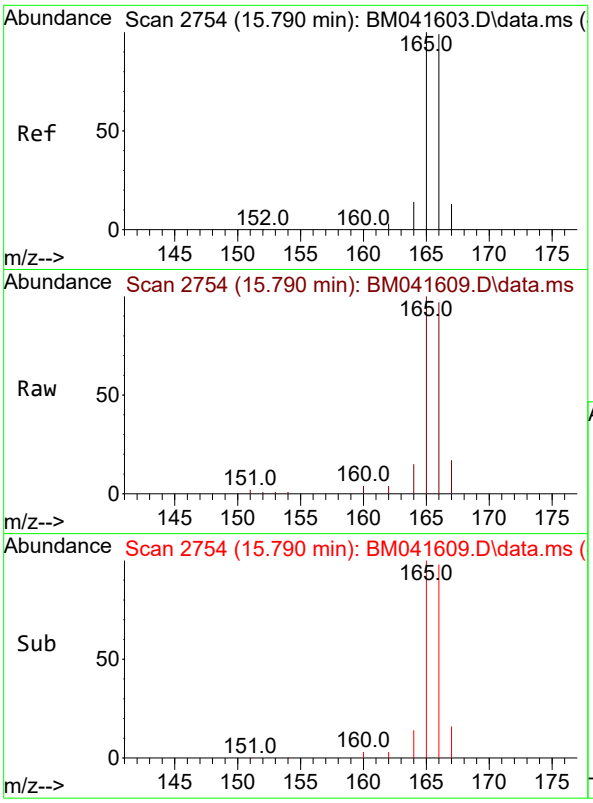


#11
Acenaphthene
Concen: 0.087 ng/ul
RT: 14.809 min Scan# 2542
Delta R.T. -0.009 min
Lab File: BM041609.D
Acq: 31 Aug 2023 10:43

Tgt Ion:153 Resp: 2529

Ion	Ratio	Lower	Upper
153	100		
152	55.4	43.4	65.2
154	86.8	70.2	105.2



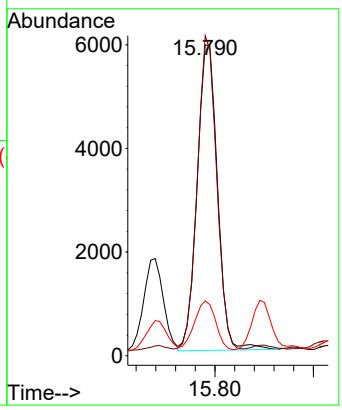


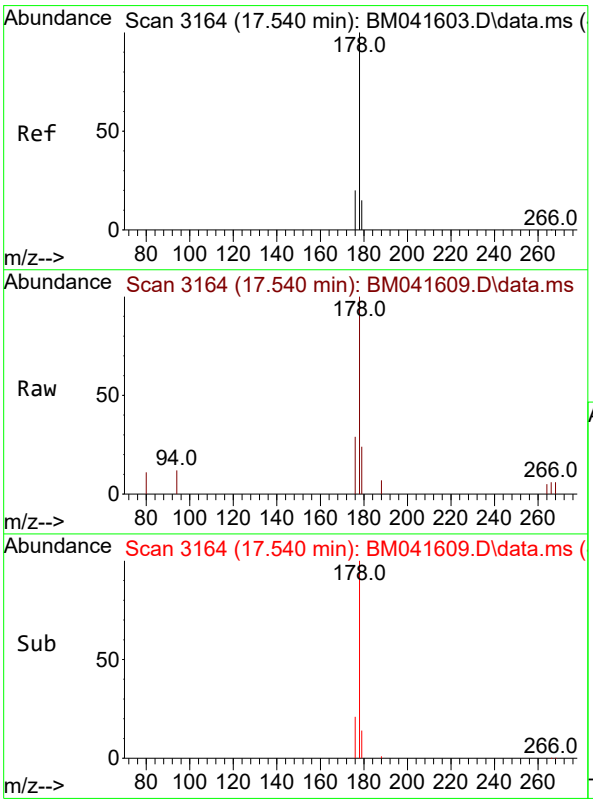
#12
Fluorene
Concen: 0.267 ng/ul
RT: 15.790 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM041609.D
Acq: 31 Aug 2023 10:43

Instrument :
BNA_M
ClientSampleId :
DCHJ5

Tgt Ion:166 Resp: 8484

Ion	Ratio	Lower	Upper
166	100		
165	103.0	82.2	123.2
167	17.6	11.5	17.3#

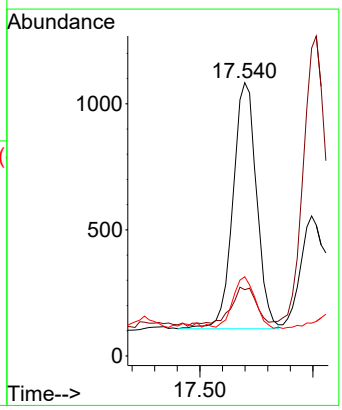


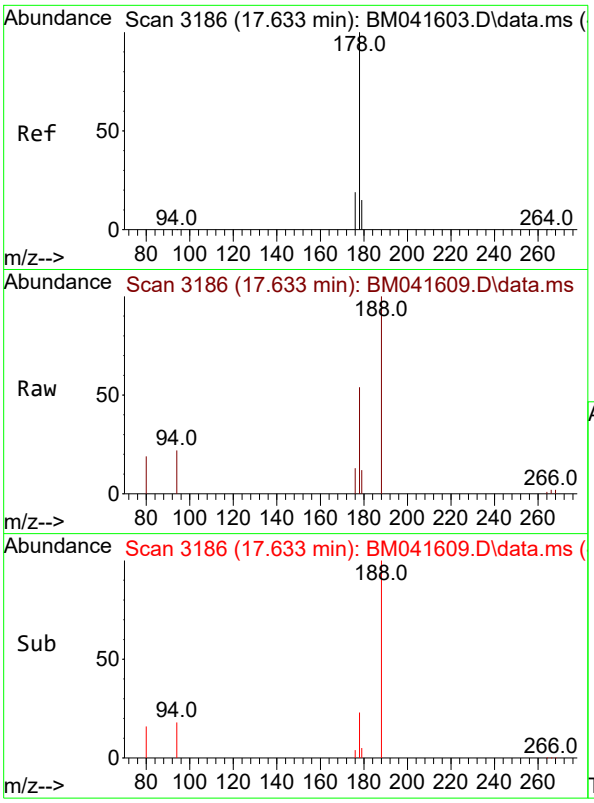


#15
Phenanthrene
Concen: 0.029 ng/ul
RT: 17.540 min Scan# 3164
Delta R.T. -0.008 min
Lab File: BM041609.D
Acq: 31 Aug 2023 10:43

Tgt Ion:178 Resp: 1414

Ion	Ratio	Lower	Upper
178	100		
179	24.3	12.6	19.0#
176	29.0	16.2	24.4#



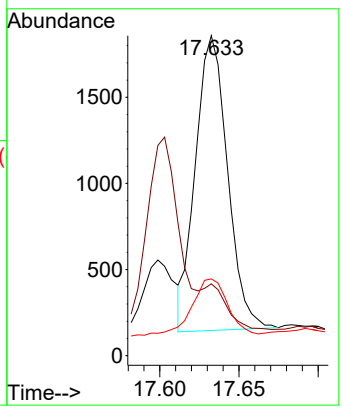


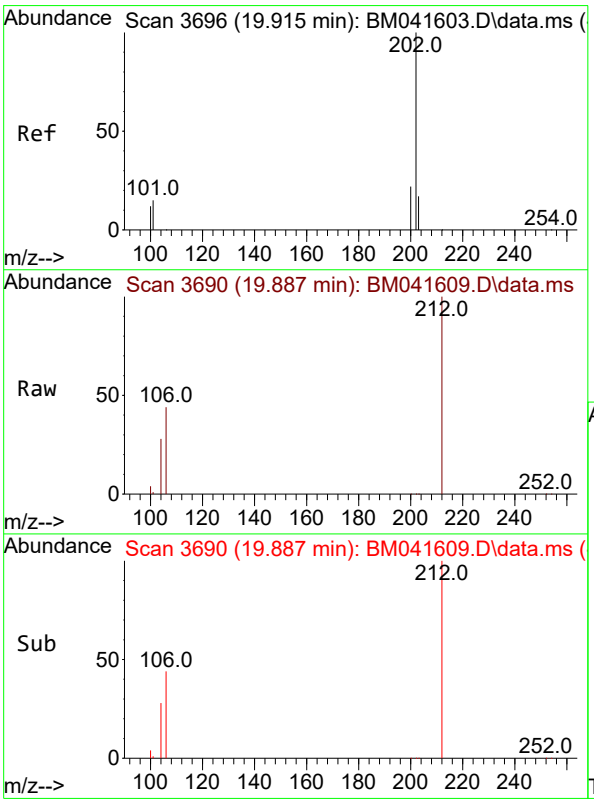
#16
Anthracene
Concen: 0.056 ng/ul
RT: 17.633 min Scan# 3
Delta R.T. -0.008 min
Lab File: BM041609.D
Acq: 31 Aug 2023 10:43

Instrument :
BNA_M
ClientSampleId :
DCHJ5

Tgt Ion:178 Resp: 2419

Ion	Ratio	Lower	Upper
178	100		
179	22.4	12.9	19.3#
176	24.0	15.6	23.4#

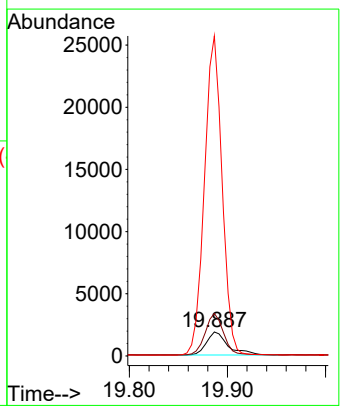


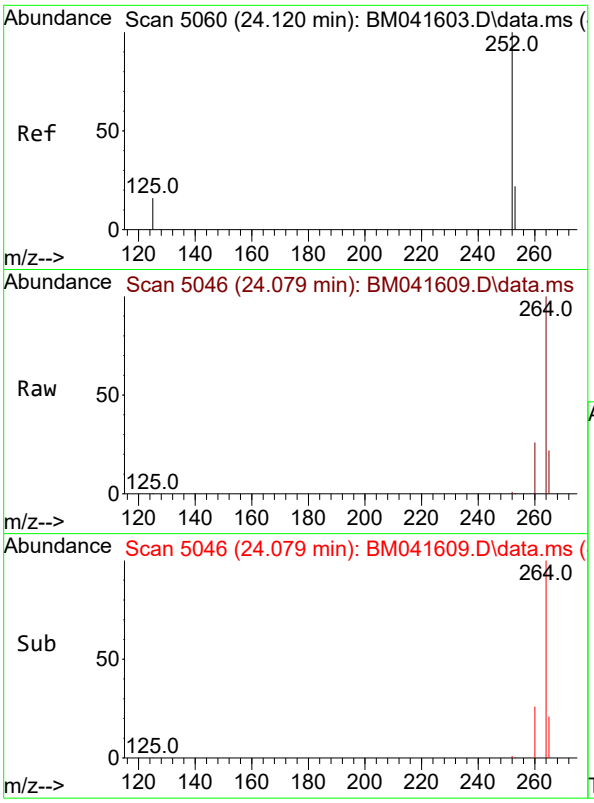


#20
Pyrene
Concen: 0.052 ng/ul
RT: 19.887 min Scan# 3690
Delta R.T. -0.037 min
Lab File: BM041609.D
Acq: 31 Aug 2023 10:43

Tgt Ion:202 Resp: 2840

Ion	Ratio	Lower	Upper
202	100		
101	177.4	12.2	18.4#
100	1333.5	9.8	14.8#





#26
Benzo(a)pyrene
Concen: 0.116 ng/ul
RT: 24.079 min Scan# 5
Delta R.T. -0.058 min
Lab File: BM041609.D
Acq: 31 Aug 2023 10:43

Instrument :
BNA_M
ClientSampleId :
DCHJ5

Tgt Ion:252 Resp: 4869

Ion	Ratio	Lower	Upper
252	100		
253	42.2	20.9	31.3#
125	54.6	21.1	31.7#