Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090923\
Data File : BM041766.D
Acq On : 10 Sep 2023 01:33
Operator : MA/JU
Sample : 04247-14
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BBJ10

Quant Time: Sep 10 04:51:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 09 23:26:58 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.997	152	440	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.808	136	940	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.630	164	425	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.380	188	796	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.546	240	260	0.400	ng/ul	# 0.00
23) Perylene-d12	23.969	264	295	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	2369	3.523	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.386	152	381	0.315	ng/ul	0.00
18) Fluoranthene-d10	19.400	212	482	0.382	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.830	128	574	0.186	ng/ul#	1
7) 2-Methylnaphthalene	12.458	142	927	0.529	ng/ul	97
8) 1-Methylnaphthalene	12.678	142	3526	2.003	ng/ul	94
10) Acenaphthylene	14.348	152	675	0.257	ng/ul#	1
11) Acenaphthene	14.699	153	3086	1.511	ng/ul#	78
12) Fluorene	15.680	166	4009	1.750	ng/ul#	91
15) Phenanthrene	17.422	178	13495	4.015	ng/ul	97
16) Anthracene	17.553	178	3387	1.176	ng/ul#	1
19) Fluoranthene	19.428	202	563	0.183	ng/ul#	61
20) Pyrene	19.795	202	2974	0.976	ng/ul#	82

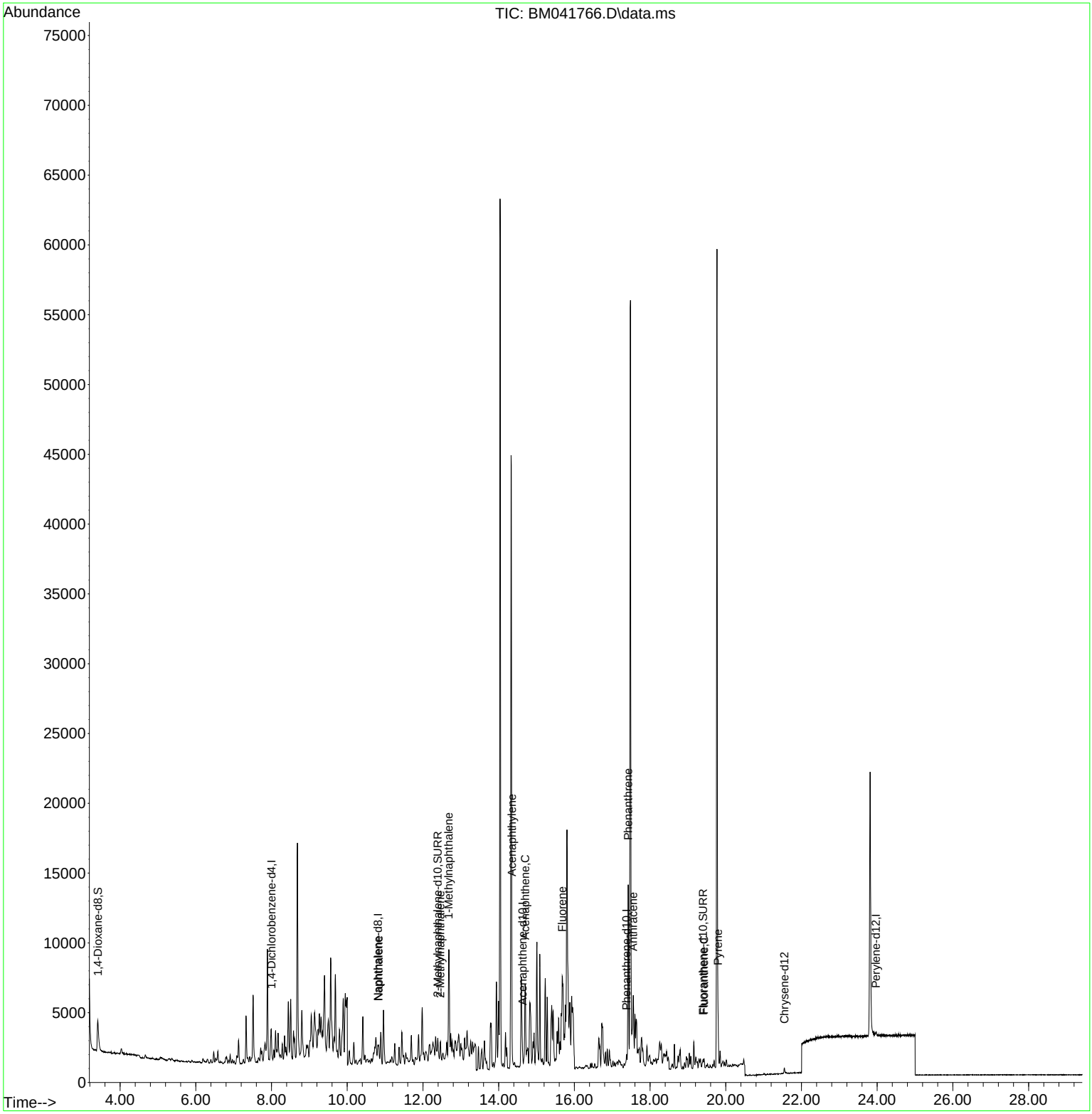
(#) = qualifier out of range (m) = manual integration (+) = signals summed

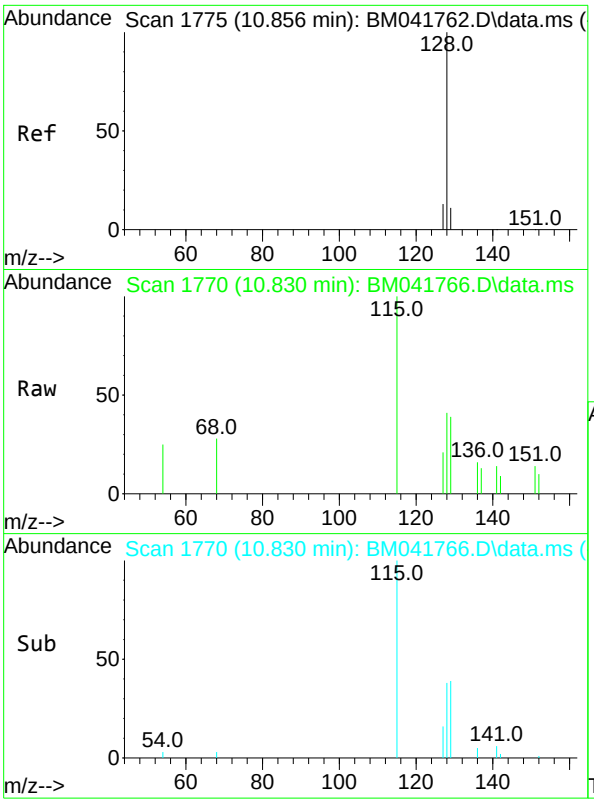
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090923\
Data File : BM041766.D
Acq On : 10 Sep 2023 01:33
Operator : MA/JU
Sample : 04247-14
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BBJ10

Quant Time: Sep 10 04:51:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 09 23:26:58 2023
Response via : Initial Calibration



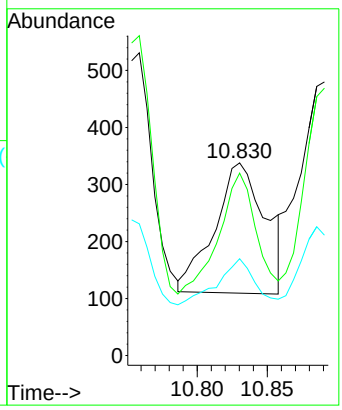


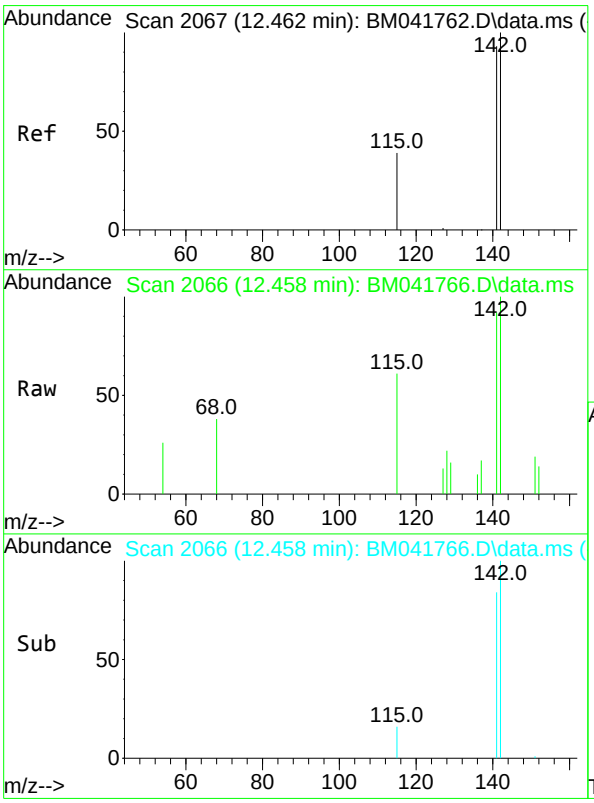
#5
Naphthalene
Concen: 0.186 ng/ul
RT: 10.830 min Scan# 1
Delta R.T. -0.026 min
Lab File: BM041766.D
Acq: 10 Sep 2023 01:33

Instrument :
BNA_M
ClientSampleId :
BBJ10

Tgt Ion:128 Resp: 574

Ion	Ratio	Lower	Upper
128	100		
129	94.7	9.4	14.0#
127	50.3	11.0	16.6#

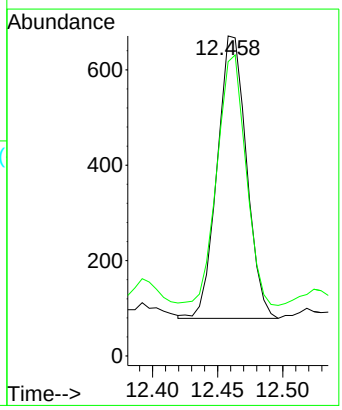


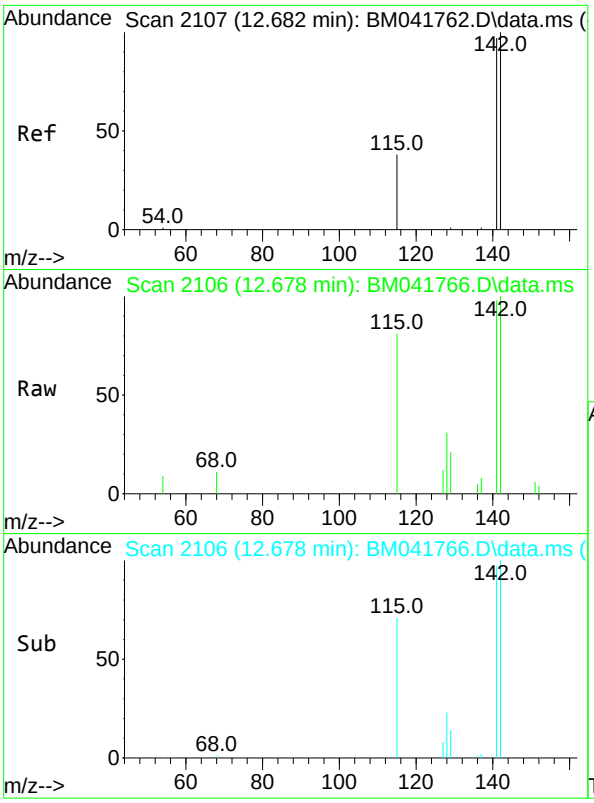


#7
2-Methylnaphthalene
Concen: 0.529 ng/ul
RT: 12.458 min Scan# 2066
Delta R.T. -0.004 min
Lab File: BM041766.D
Acq: 10 Sep 2023 01:33

Tgt Ion:142 Resp: 927

Ion	Ratio	Lower	Upper
142	100		
141	87.3	72.2	108.2



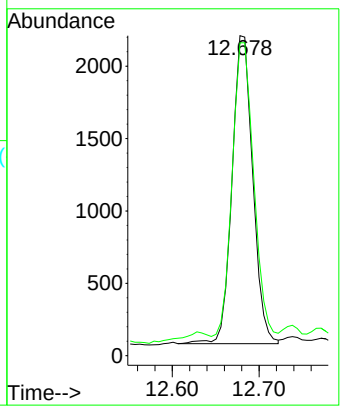


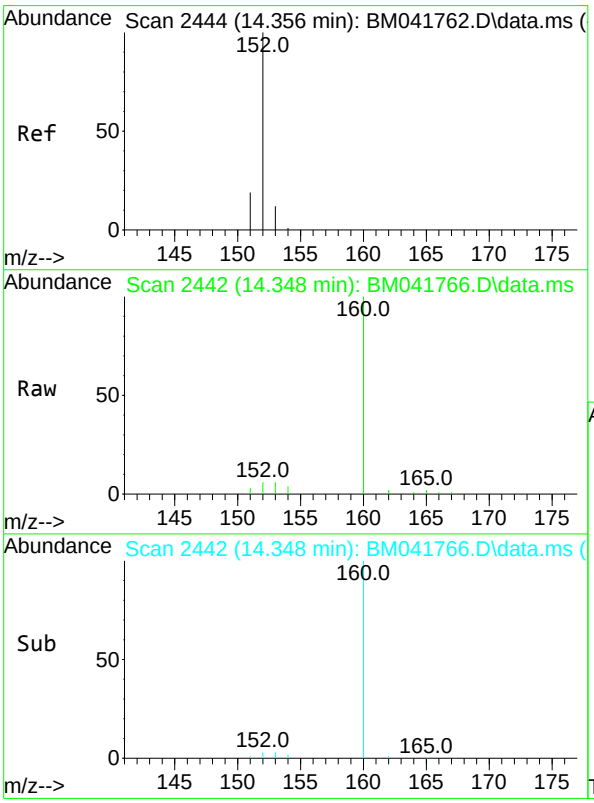
#8
1-Methylnaphthalene
Concen: 2.003 ng/ul
RT: 12.678 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM041766.D
Acq: 10 Sep 2023 01:33

Instrument :
BNA_M
ClientSampleId :
BBJ10

Tgt Ion:142 Resp: 3526

Ion	Ratio	Lower	Upper
142	100		
141	98.6	74.4	111.6

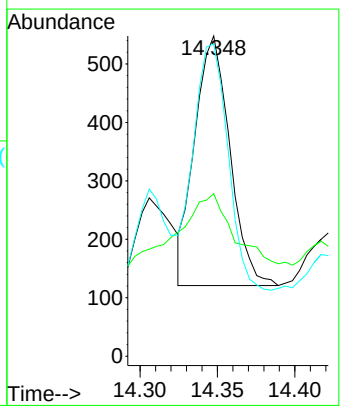


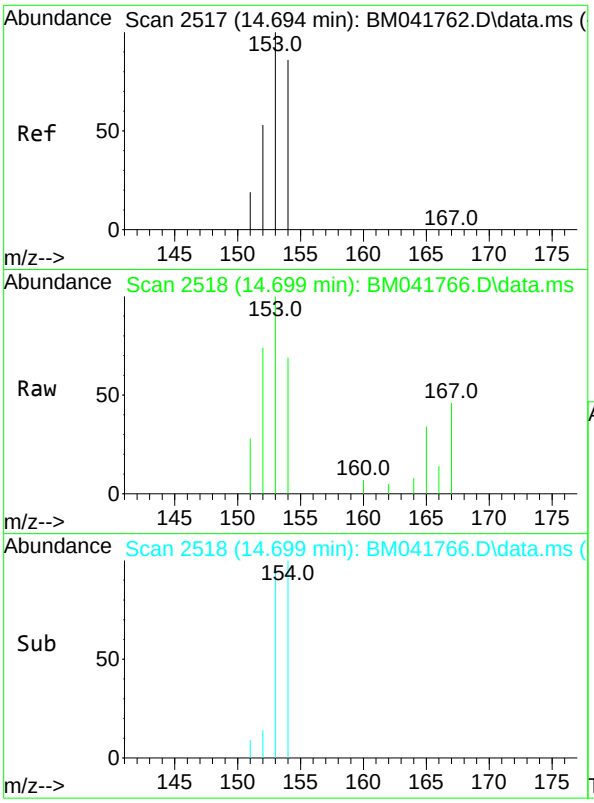


#10
Acenaphthylene
Concen: 0.257 ng/ul
RT: 14.348 min Scan# 2442
Delta R.T. -0.013 min
Lab File: BM041766.D
Acq: 10 Sep 2023 01:33

Tgt Ion:152 Resp: 675

Ion	Ratio	Lower	Upper
152	100		
151	50.7	16.4	24.6#
153	97.4	11.1	16.7#



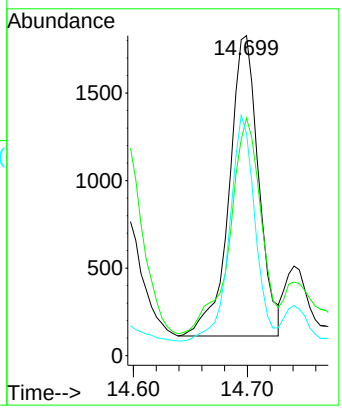


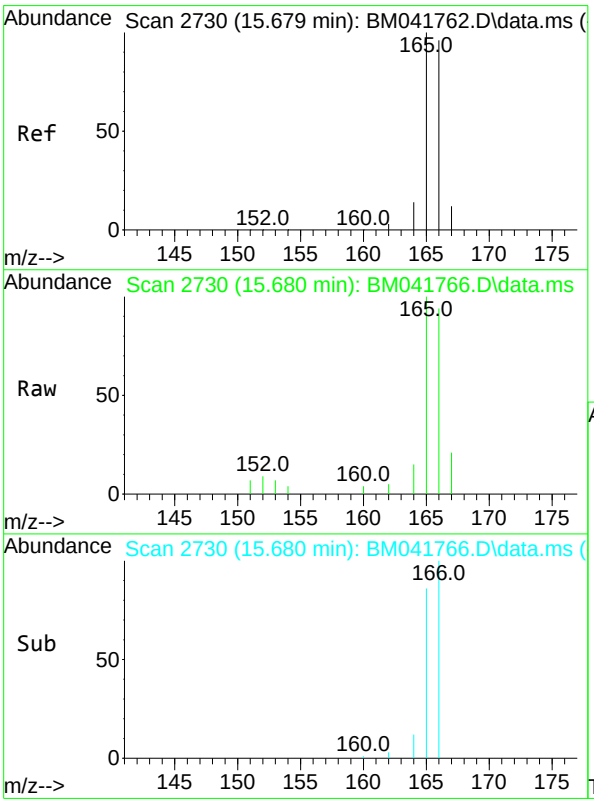
#11
Acenaphthene
Concen: 1.511 ng/ul
RT: 14.699 min Scan# 2
Delta R.T. 0.005 min
Lab File: BM041766.D
Acq: 10 Sep 2023 01:33

Instrument :
BNA_M
ClientSampleId :
BBJ10

Tgt Ion:153 Resp: 3086

Ion	Ratio	Lower	Upper
153	100		
152	74.3	43.4	65.2#
154	69.4	69.4	104.0

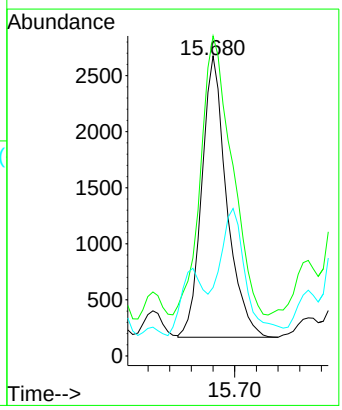


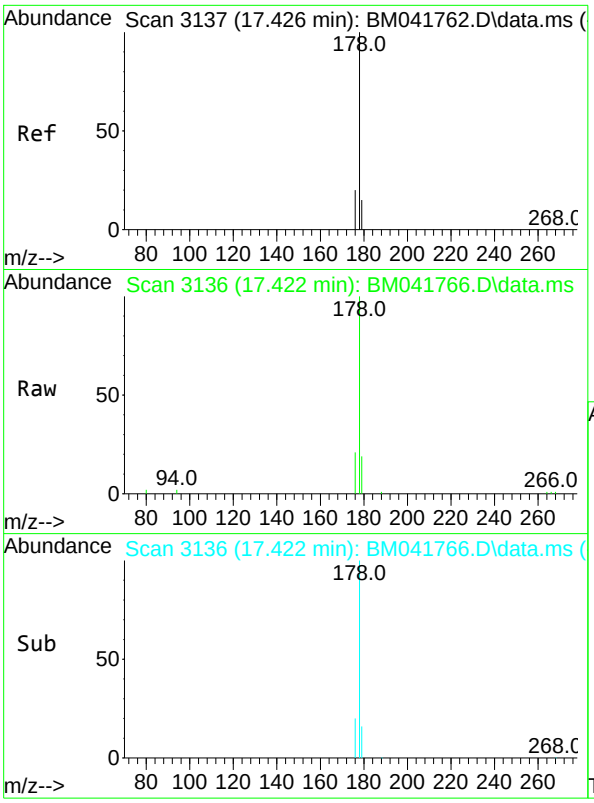


#12
Fluorene
Concen: 1.750 ng/ul
RT: 15.680 min Scan# 2730
Delta R.T. 0.001 min
Lab File: BM041766.D
Acq: 10 Sep 2023 01:33

Tgt Ion:166 Resp: 4009

Ion	Ratio	Lower	Upper
166	100		
165	106.7	79.4	119.2
167	22.8	11.3	16.9#



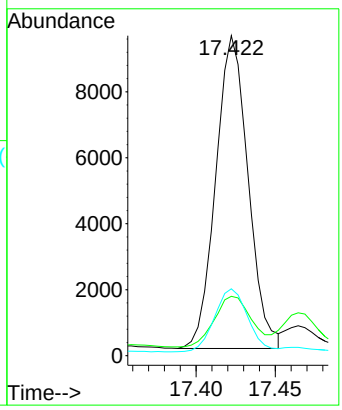


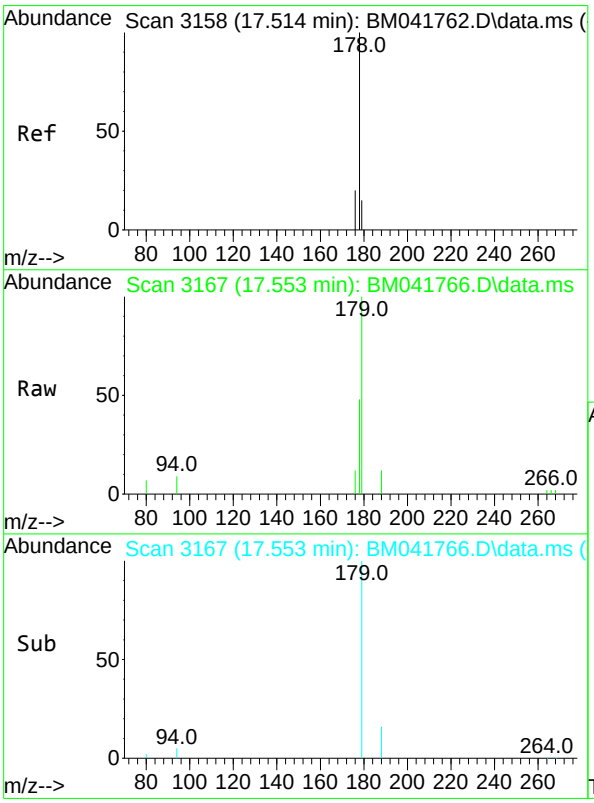
#15
Phenanthrene
Concen: 4.015 ng/ul
RT: 17.422 min Scan# 3
Delta R.T. -0.003 min
Lab File: BM041766.D
Acq: 10 Sep 2023 01:33

Instrument :
BNA_M
ClientSampleId :
BBJ10

Tgt Ion:178 Resp: 13495

Ion	Ratio	Lower	Upper
178	100		
179	18.6	12.9	19.3
176	20.9	16.9	25.3

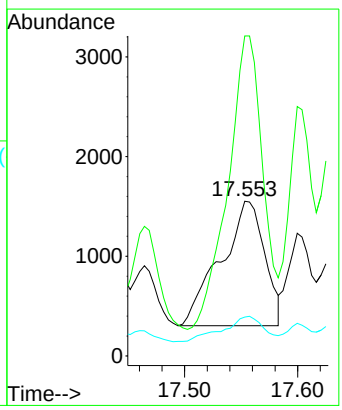


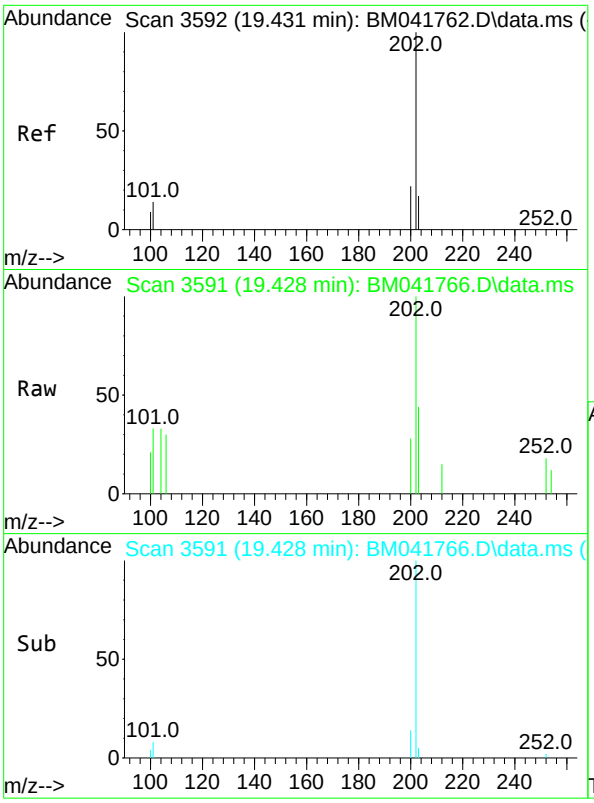


#16
Anthracene
Concen: 1.176 ng/ul
RT: 17.553 min Scan# 3167
Delta R.T. 0.039 min
Lab File: BM041766.D
Acq: 10 Sep 2023 01:33

Tgt Ion:178 Resp: 3387

Ion	Ratio	Lower	Upper
178	100		
179	206.8	12.9	19.3#
176	25.1	15.8	23.8#



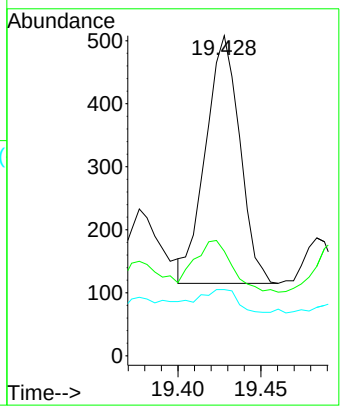


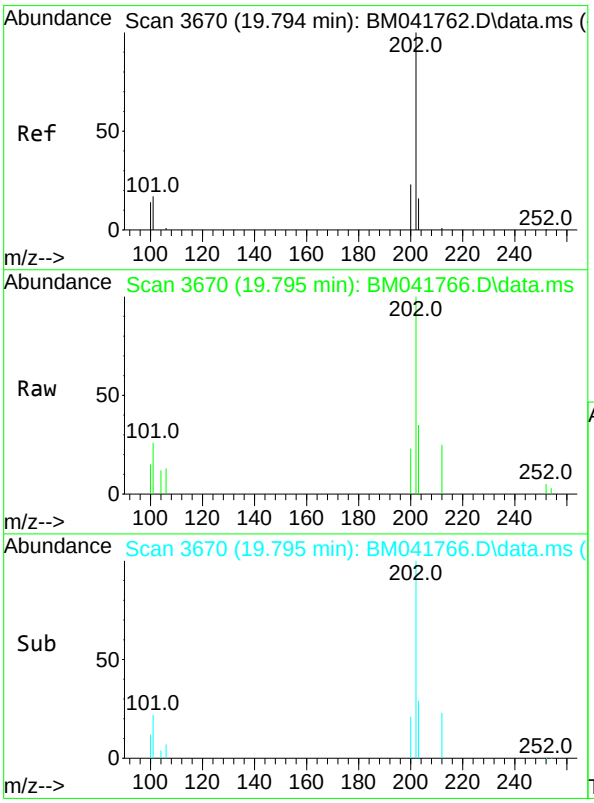
#19
Fluoranthene
Concen: 0.183 ng/ul
RT: 19.428 min Scan# 3
Delta R.T. -0.003 min
Lab File: BM041766.D
Acq: 10 Sep 2023 01:33

Instrument :
BNA_M
ClientSampleId :
BBJ10

Tgt Ion:202 Resp: 563

Ion	Ratio	Lower	Upper
202	100		
101	32.7	10.5	15.7#
100	20.7	8.4	12.6#





#20
Pyrene
Concen: 0.976 ng/ul
RT: 19.795 min Scan# 3670
Delta R.T. -0.003 min
Lab File: BM041766.D
Acq: 10 Sep 2023 01:33

Tgt Ion:202 Resp: 2974

Ion	Ratio	Lower	Upper
202	100		
101	26.1	11.8	17.8#
100	14.9	9.8	14.6#