Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090923\
Data File : BM041765.D
Acq On : 10 Sep 2023 00:55
Operator : MA/JU
Sample : 04247-13
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Sep 10 04:49:36 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

Instrument :
BNA_M
ClientSampleId :
BBJS6

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/11/2023
Supervised By :mohammad ahmed 09/11/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	564	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.807	136	1213	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.634	164	610	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.379	188	931	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.548	240	270	0.400	ng/ul	# 0.00
23) Perylene-d12	23.974	264	314	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	3963m	4.598	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.385	152	469	0.300	ng/ul	0.00
18) Fluoranthene-d10	19.399	212	481	0.367	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.448	88	2878	3.214	ng/ul	91
5) Naphthalene	10.862	128	425763	106.882	ng/ul	98
7) 2-Methylnaphthalene	12.462	142	218370	96.572	ng/ul	100
8) 1-Methylnaphthalene	12.682	142	167058	73.528	ng/ul	100
10) Acenaphthylene	14.347	152	2227	0.591	ng/ul#	10
11) Acenaphthene	14.694	153	4306	1.469	ng/ul	96
12) Fluorene	15.679	166	4867	1.481	ng/ul	95
15) Phenanthrene	17.422	178	13725	3.491	ng/ul	100

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

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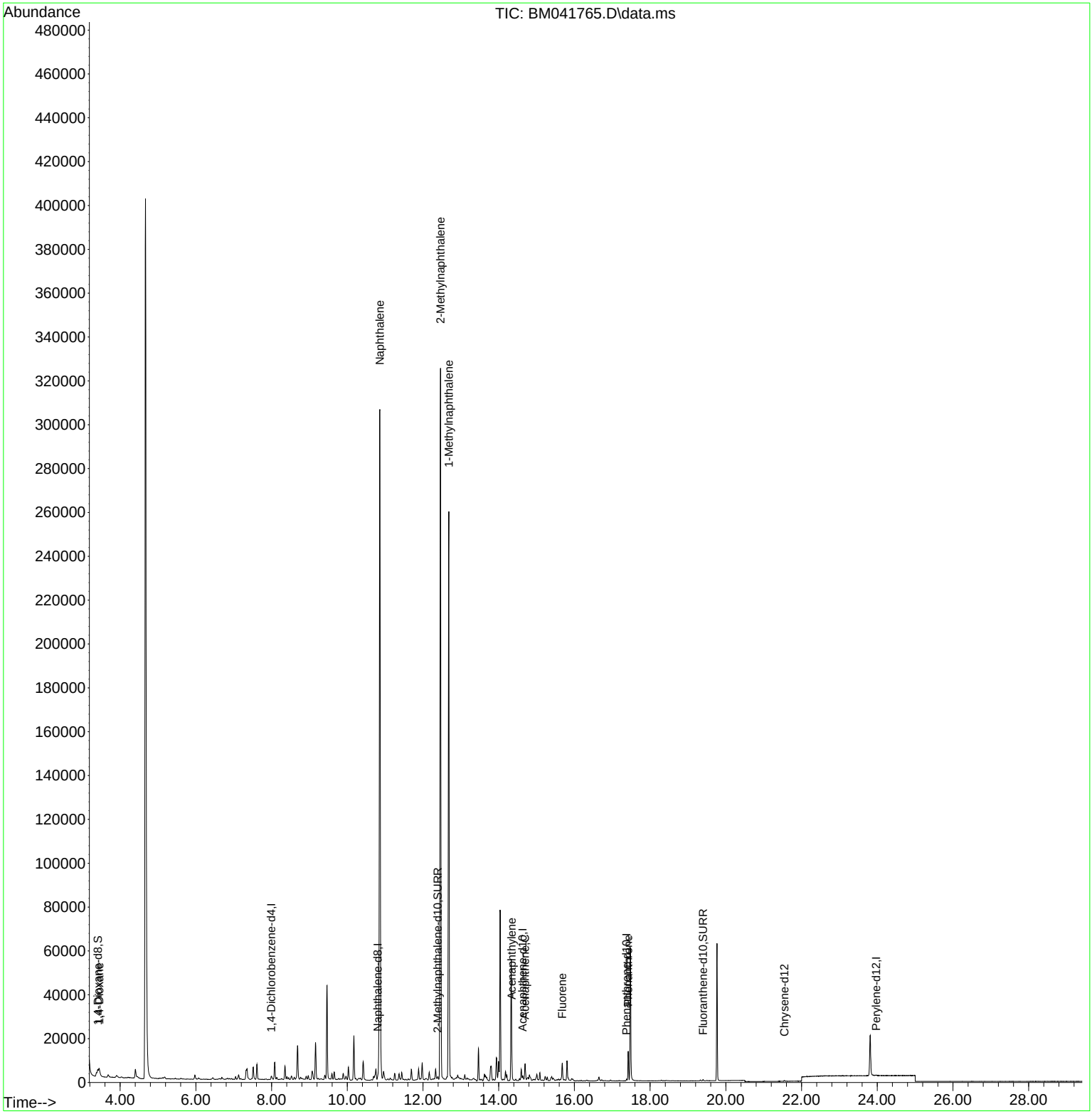

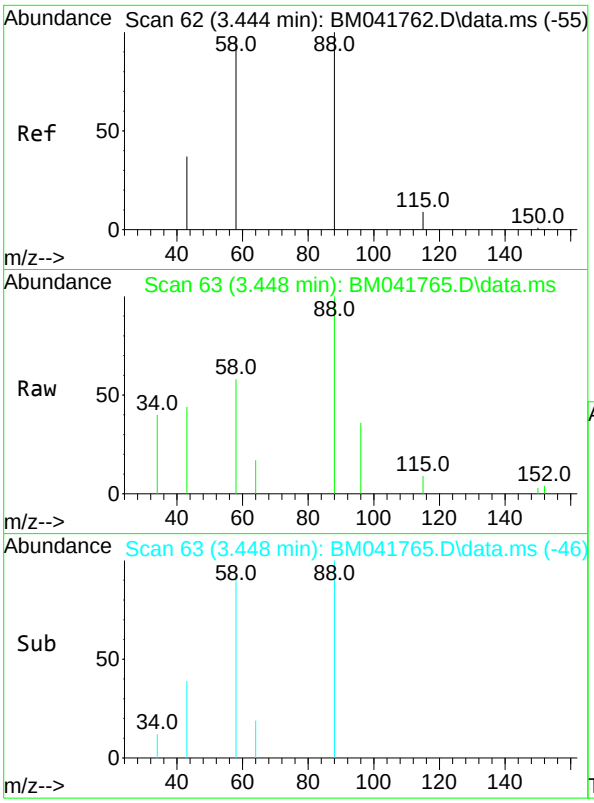

#2
1,4-Dioxane
Concen: 3.214 ng/ul
RT: 3.448 min Scan# 6
Delta R.T. 0.013 min
Lab File: BM041765.D
Acq: 10 Sep 2023 00:55

Tgt Ion: 88 Resp: 287

Ion	Ratio	Lower	Upper
88	100		
43	44.1	33.8	50.6
58	57.6	54.2	81.2

Instrument :
BNA_M
ClientSampleId :
BBJS6

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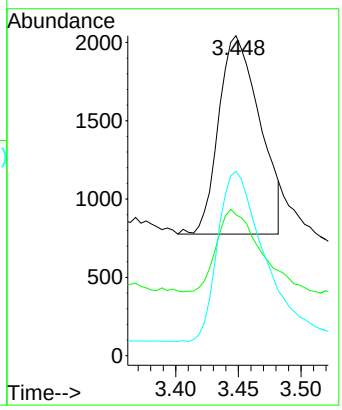
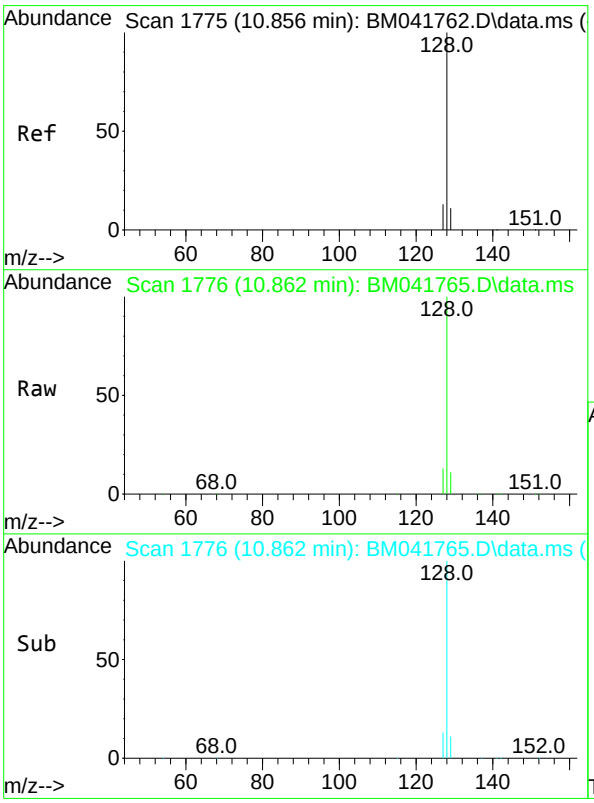
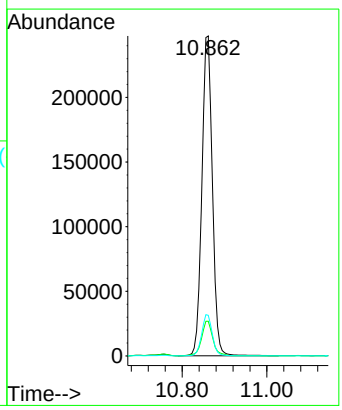


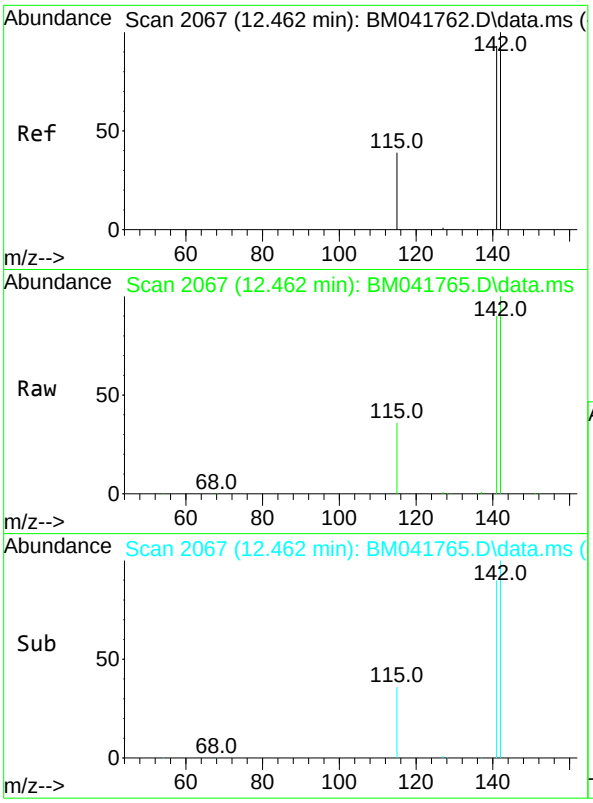


#5
Naphthalene
Concen: 106.882 ng/ul
RT: 10.862 min Scan# 1776
Delta R.T. 0.006 min
Lab File: BM041765.D
Acq: 10 Sep 2023 00:55

Tgt Ion:128 Resp: 425763

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.4	14.0
127	12.7	11.0	16.6





#7
2-Methylnaphthalene
Concen: 96.572 ng/ul
RT: 12.462 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM041765.D
Acq: 10 Sep 2023 00:55

Tgt Ion:142 Resp: 21837

Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.2	108.2

Instrument :
BNA_M
ClientSampleId :
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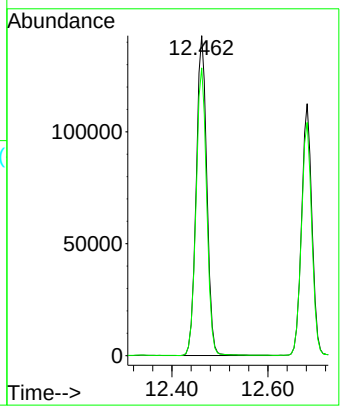
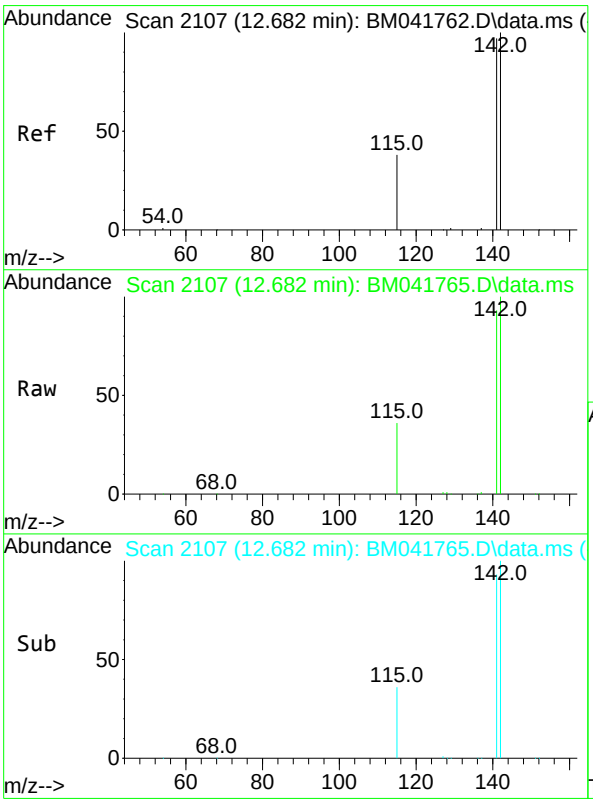
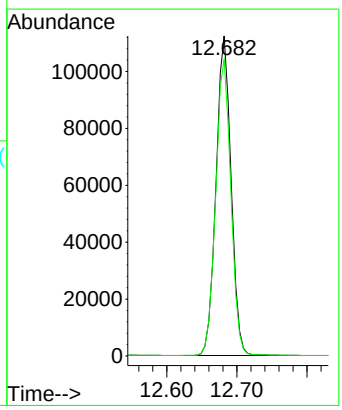


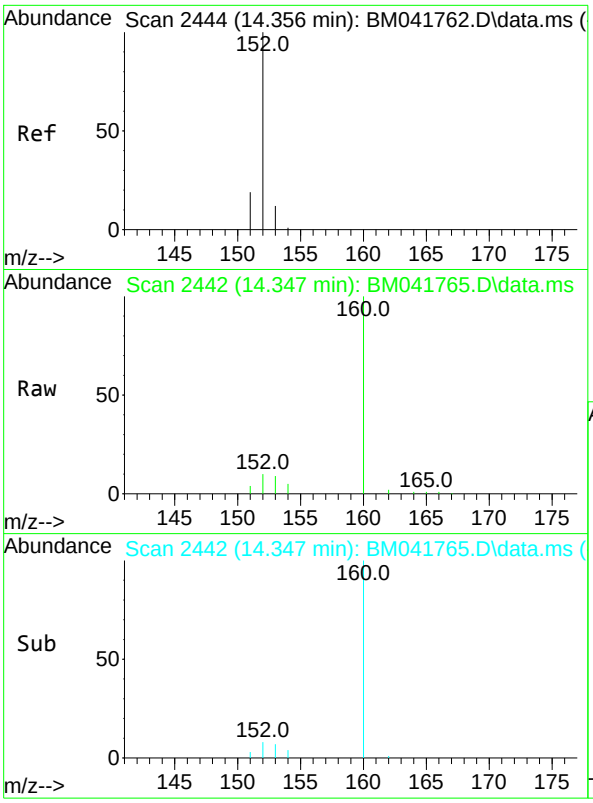


#8
1-Methylnaphthalene
Concen: 73.528 ng/ul
RT: 12.682 min Scan# 2107
Delta R.T. 0.000 min
Lab File: BM041765.D
Acq: 10 Sep 2023 00:55

Tgt Ion:142 Resp: 167058

Ion	Ratio	Lower	Upper
142	100		
141	93.2	74.4	111.6

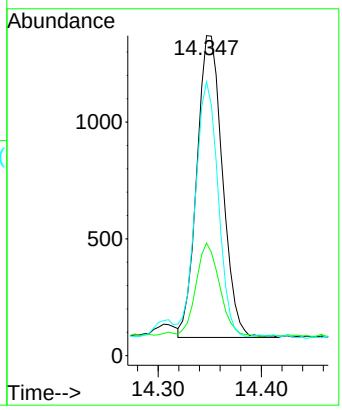




#10
Acenaphthylene
Concen: 0.591 ng/ul
RT: 14.347 min Scan# 24
Delta R.T. -0.014 min
Lab File: BM041765.D
Acq: 10 Sep 2023 00:55

Tgt Ion:152 Resp: 222

Ion	Ratio	Lower	Upper
152	100		
151	35.2	16.4	24.6#
153	85.6	11.1	16.7#



Instrument :
BNA_M
ClientSampleId :
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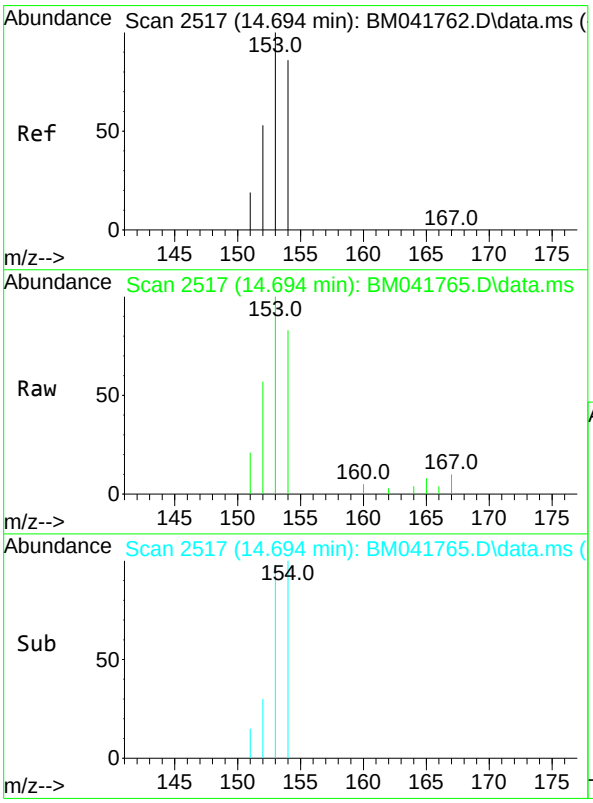
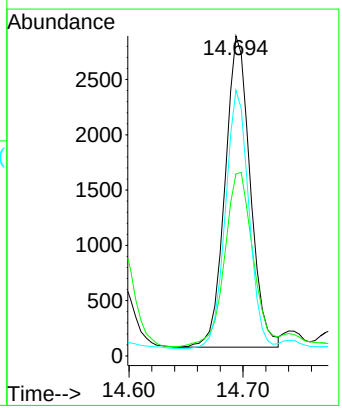
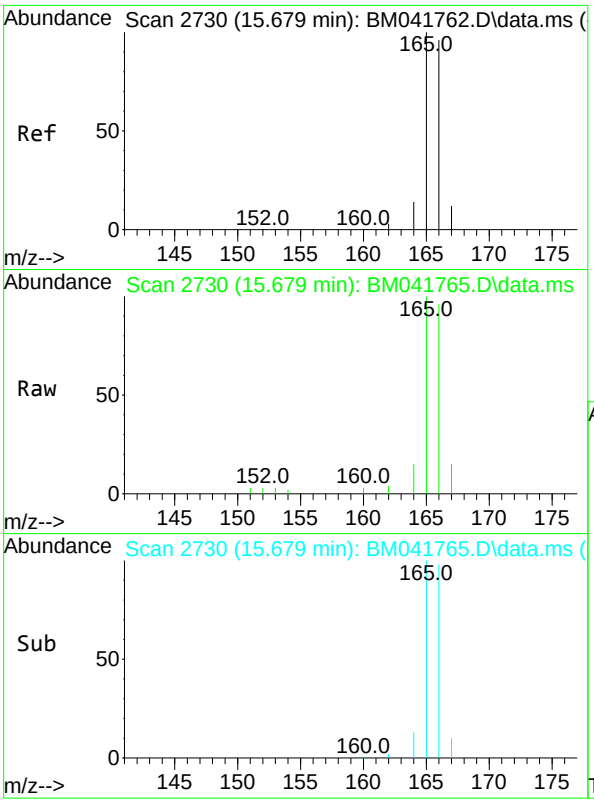


#11
Acenaphthene
Concen: 1.469 ng/ul
RT: 14.694 min Scan# 2517
Delta R.T. 0.000 min
Lab File: BM041765.D
Acq: 10 Sep 2023 00:55

Tgt Ion:153 Resp: 4306

Ion	Ratio	Lower	Upper
153	100		
152	56.9	43.4	65.2
154	83.0	69.4	104.0

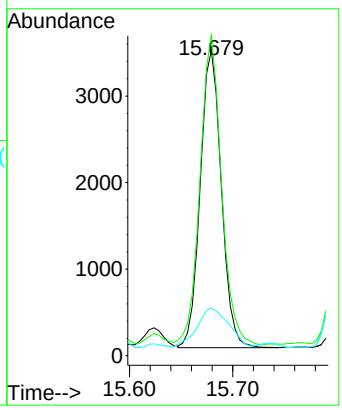




#12
Fluorene
Concen: 1.481 ng/ul
RT: 15.679 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM041765.D
Acq: 10 Sep 2023 00:55

Tgt Ion:166 Resp: 486

Ion	Ratio	Lower	Upper
166	100		
165	104.7	79.4	119.2
167	15.5	11.3	16.9



Instrument :
BNA_M
ClientSampleId :
BBJS6

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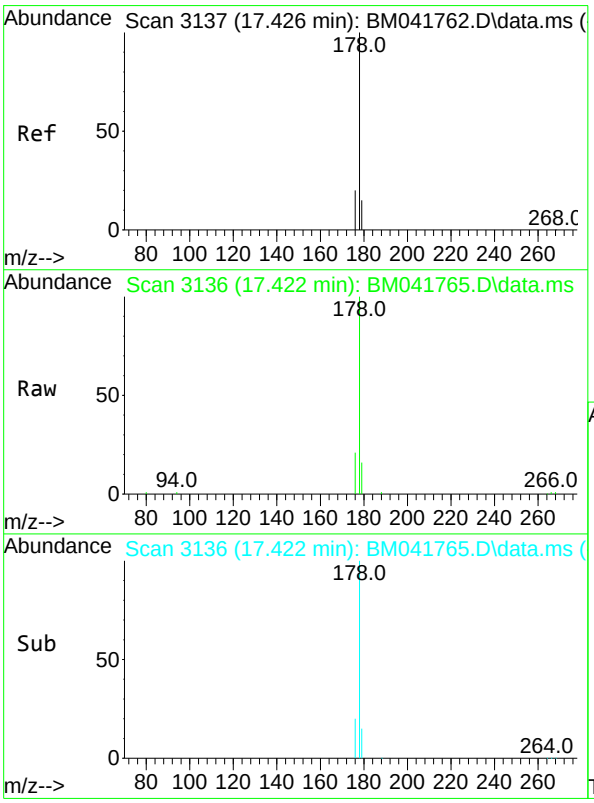

#15
Phenanthrene
Concen: 3.491 ng/ul
RT: 17.422 min Scan# 3136
Delta R.T. -0.004 min
Lab File: BM041765.D
Acq: 10 Sep 2023 00:55

Tgt Ion:178 Resp: 13725

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.9	19.3
176	20.8	16.9	25.3