Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063022\
Data File : BM035780.D
Acq On : 30 Jun 2022 14:19
Operator : CG/JU
Sample : N3375-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW4T9

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/01/2022
Supervised By :mohammad ahmed 07/01/2022

Quant Time: Jul 01 01:16:48 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 29 17:48:53 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.774	152	3422m	0.400	ng/ul	-0.09
4) Naphthalene-d8	10.561	136	16487m	0.400	ng/ul	-0.06
9) Acenaphthene-d10	14.408	164	7623m	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.157	188	13699m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.360	240	16570m	0.400	ng/ul	-0.01
23) Perylene-d12	23.680	264	14766m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	22336	4.810	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.162	152	7526m	0.292	ng/ul	-0.07
18) Fluoranthene-d10	19.192	212	13356m	0.239	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.247	88	42202m	9.188	ng/ul	
5) Naphthalene	10.611	128	42909m	0.851	ng/ul	
7) 2-Methylnaphthalene	12.233	142	14257m	0.452	ng/ul	
8) 1-Methylnaphthalene	12.448	142	11141m	0.373	ng/ul	
11) Acenaphthene	14.469	153	27459m	0.892	ng/ul	
12) Fluorene	15.459	166	26161m	0.738	ng/ul	
15) Phenanthrene	17.199	178	83832m	1.689	ng/ul	
16) Anthracene	17.292	178	60378m	1.464	ng/ul	
19) Fluoranthene	19.224	202	20528m	0.247	ng/ul	
20) Pyrene	19.587	202	12824m	0.138	ng/ul	

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

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ClientSampleId :
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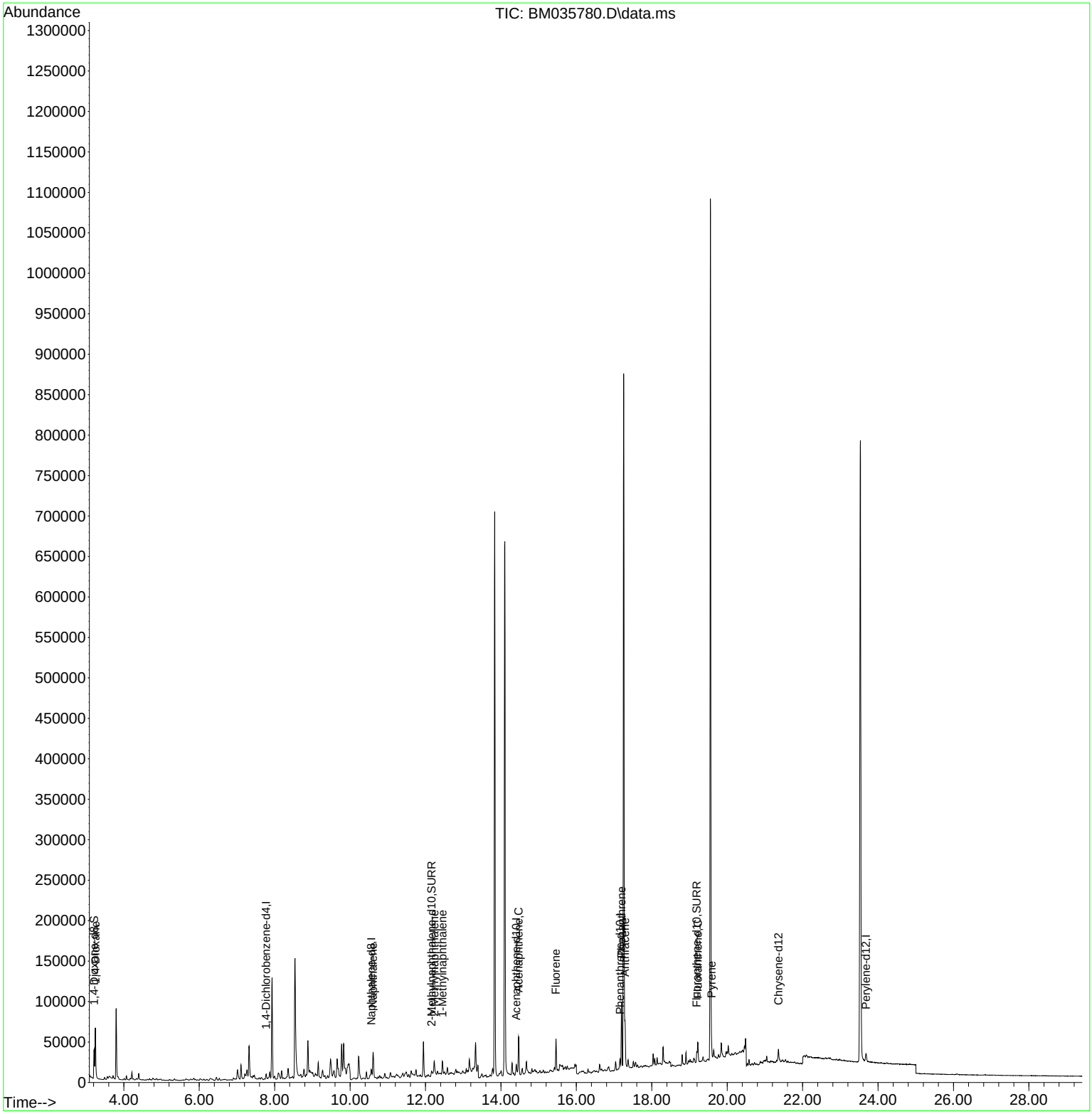
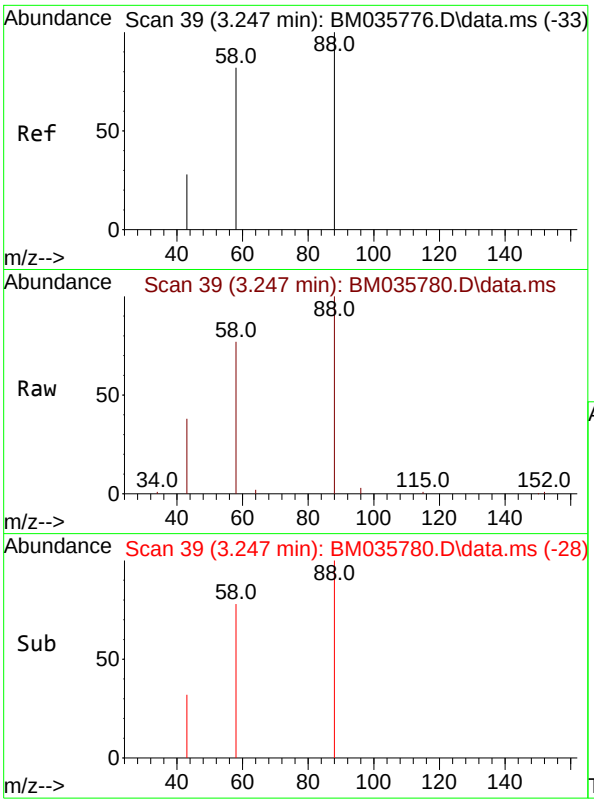
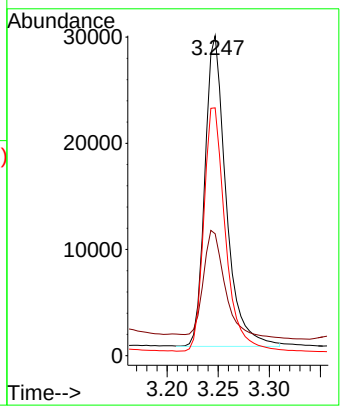




#2
1,4-Dioxane
Concen: 9.188 ng/ul m
RT: 3.247 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM035780.D
Acq: 30 Jun 2022 14:19

Tgt Ion: 88 Resp: 4220

Ion	Ratio	Lower	Upper
88	100		
43	38.1	37.8	56.6
58	77.5	42.6	63.8



Instrument :
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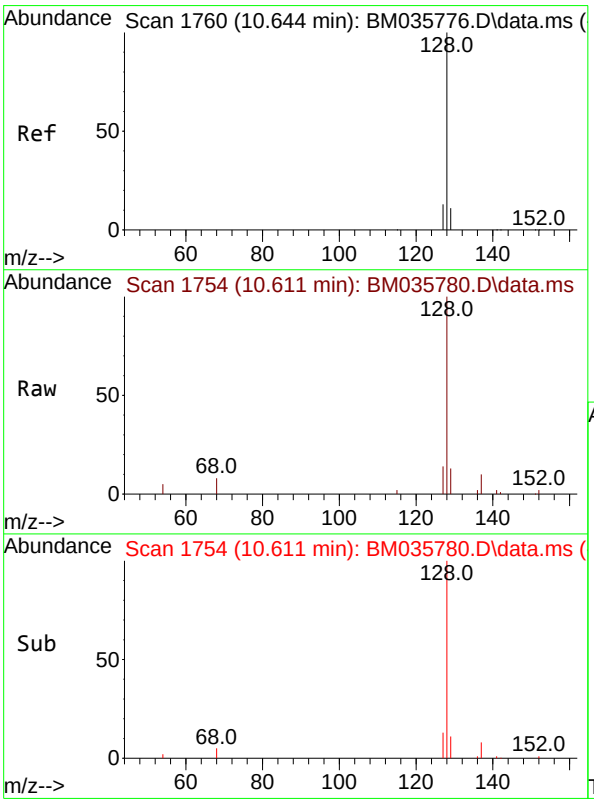
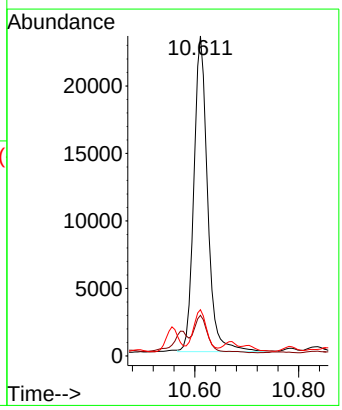
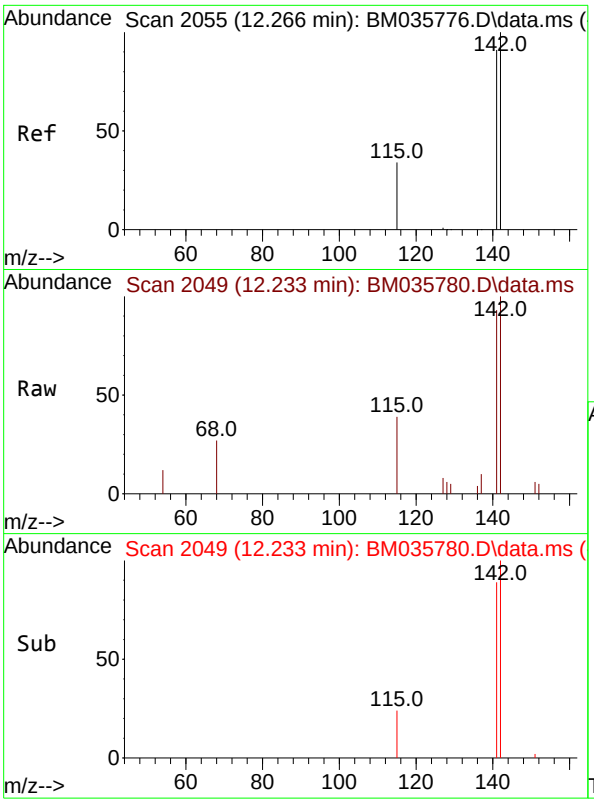


#5
Naphthalene
Concen: 0.851 ng/ul m
RT: 10.611 min Scan# 1754
Delta R.T. -0.060 min
Lab File: BM035780.D
Acq: 30 Jun 2022 14:19

Tgt Ion:128 Resp: 42909

Ion	Ratio	Lower	Upper
128	100		
129	12.7	10.2	15.2
127	14.4	11.7	17.5

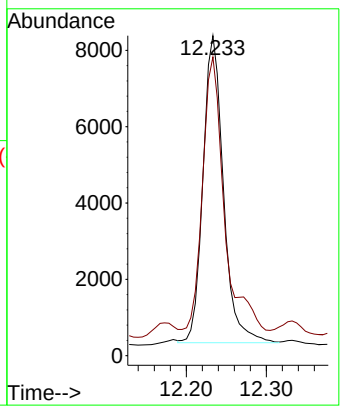




#7
2-Methylnaphthalene
Concen: 0.452 ng/ul m
RT: 12.233 min Scan# 2
Delta R.T. -0.066 min
Lab File: BM035780.D
Acq: 30 Jun 2022 14:19

Tgt Ion:142 Resp: 1425

Ion	Ratio	Lower	Upper
142	100		
141	103.2	77.4	116.0



Instrument :
BNA_M
ClientSampleId :
EW4T9

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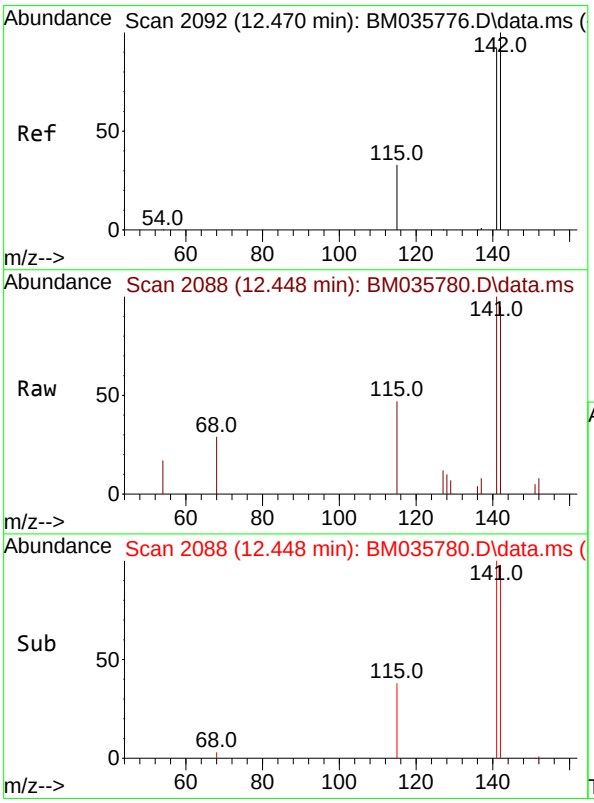
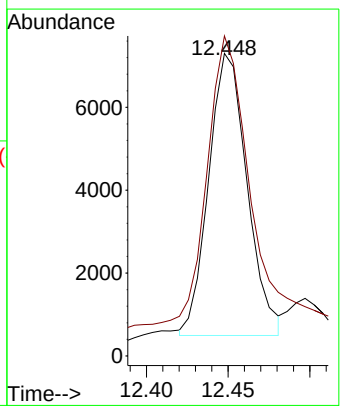
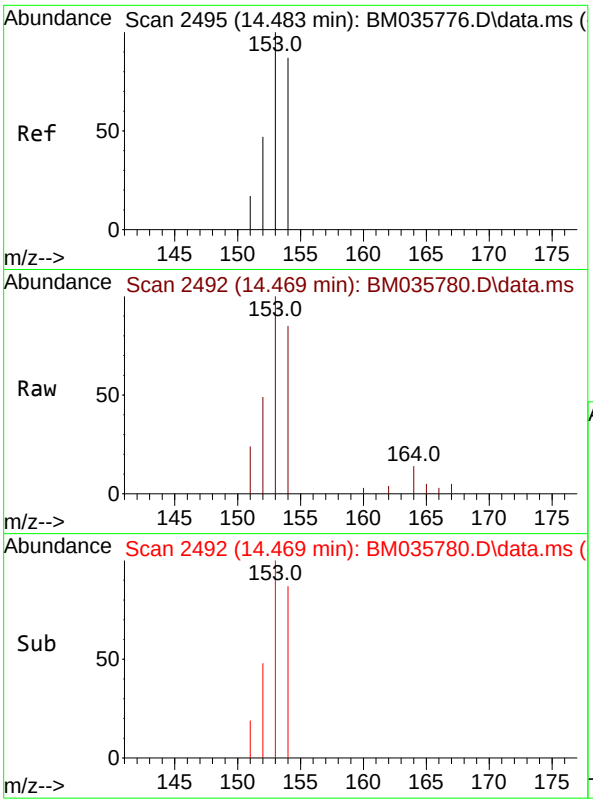


#8
1-Methylnaphthalene
Concen: 0.373 ng/ul m
RT: 12.448 min Scan# 2088
Delta R.T. -0.044 min
Lab File: BM035780.D
Acq: 30 Jun 2022 14:19

Tgt Ion:142 Resp: 11141

Ion	Ratio	Lower	Upper
142	100		
141	0.0	74.1	111.1#





#11
Acenaphthene
Concen: 0.892 ng/ul m
RT: 14.469 min Scan# 2
Delta R.T. -0.029 min
Lab File: BM035780.D
Acq: 30 Jun 2022 14:19

Tgt Ion:153 Resp: 2745

Ion	Ratio	Lower	Upper
153	100		
152	48.6	40.2	60.4
154	85.4	69.7	104.5

Instrument :
BNA_M
ClientSampleId :
EW4T9

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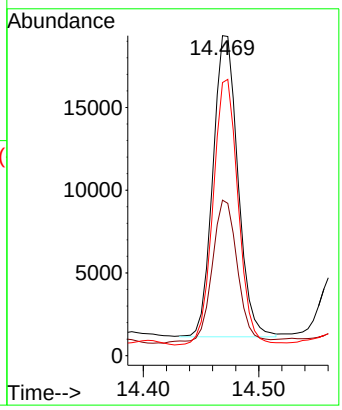
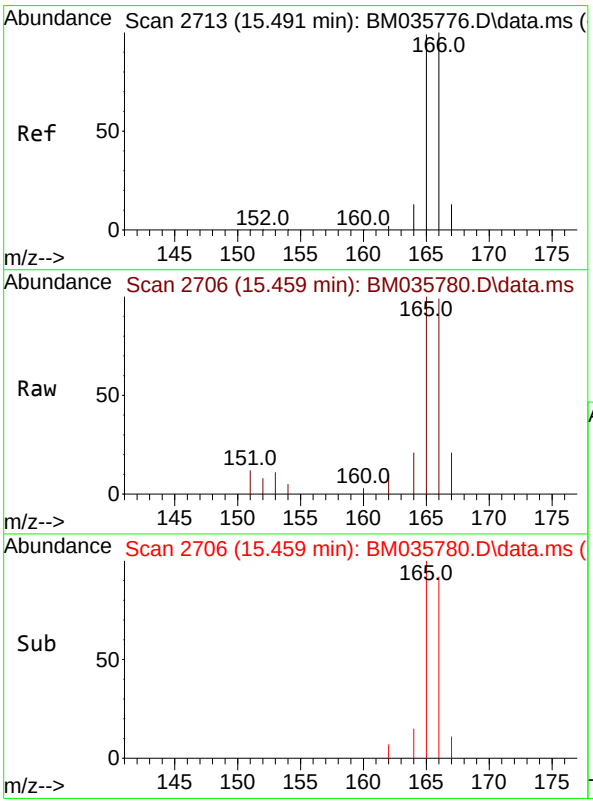
Supervised By :mohammad ahmed 07/01/2022

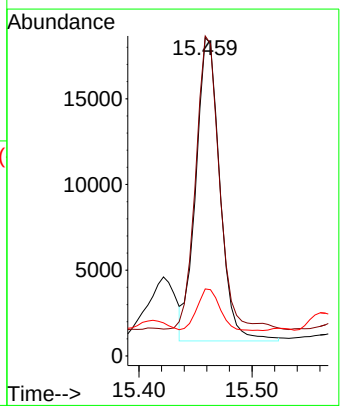


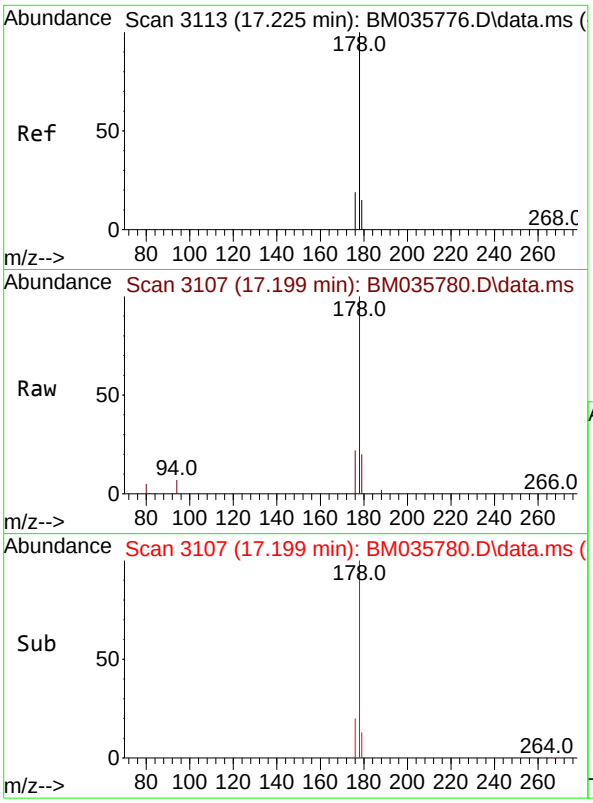


#12
Fluorene
Concen: 0.738 ng/ul m
RT: 15.459 min Scan# 2706
Delta R.T. -0.047 min
Lab File: BM035780.D
Acq: 30 Jun 2022 14:19

Tgt Ion:166 Resp: 26161

Ion	Ratio	Lower	Upper
166	100		
165	100.6	78.9	118.3
167	21.1	11.3	16.9#

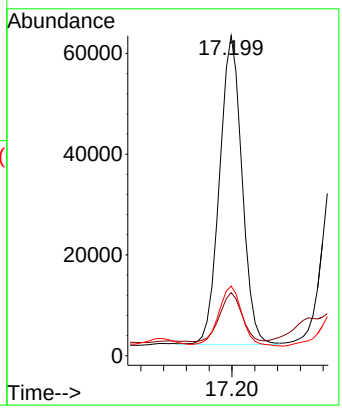




#15
Phenanthrene
Concen: 1.689 ng/ul m
RT: 17.199 min Scan# 3
Delta R.T. -0.039 min
Lab File: BM035780.D
Acq: 30 Jun 2022 14:19

Tgt Ion:178 Resp: 8383

Ion	Ratio	Lower	Upper
178	100		
179	19.7	13.0	19.6#
176	21.8	15.6	23.4



Instrument :
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ClientSampleId :
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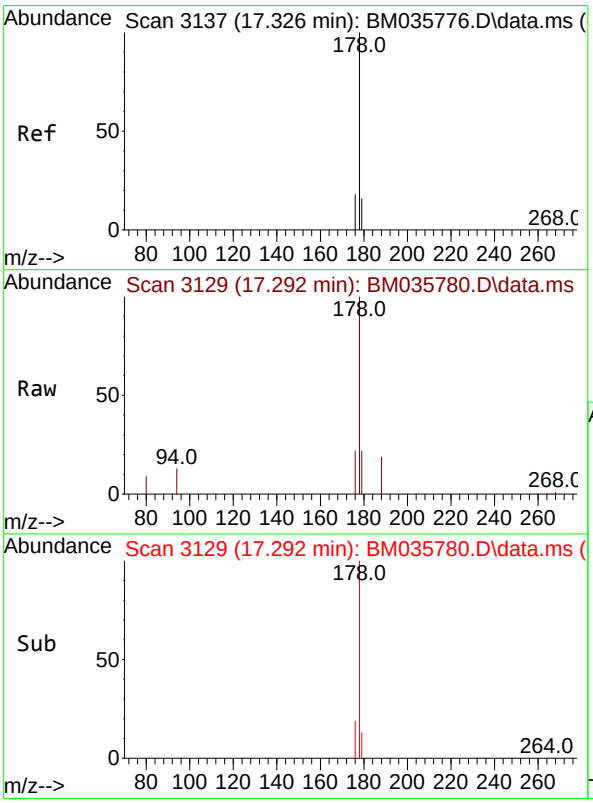
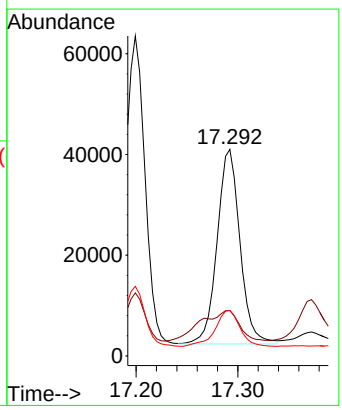
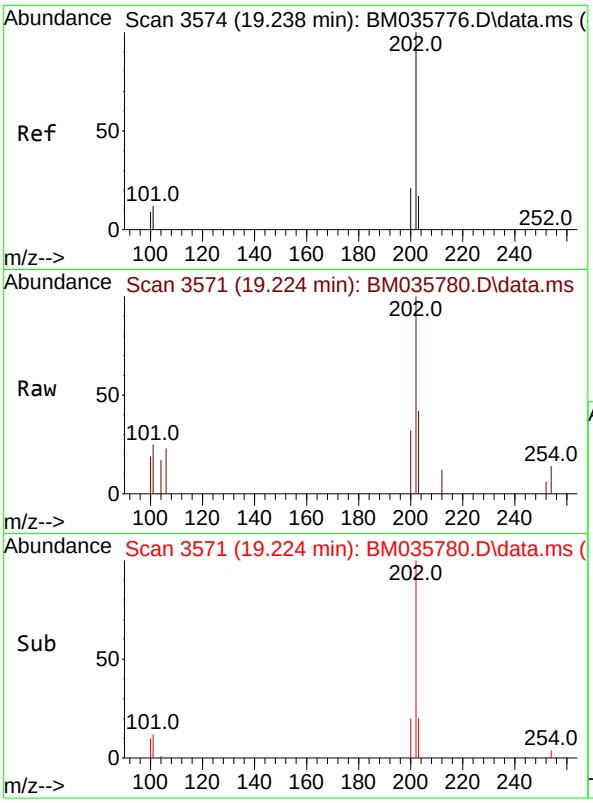


#16
Anthracene
Concen: 1.464 ng/ul m
RT: 17.292 min Scan# 3129
Delta R.T. -0.056 min
Lab File: BM035780.D
Acq: 30 Jun 2022 14:19

Tgt Ion:178 Resp: 60378

Ion	Ratio	Lower	Upper
178	100		
179	22.0	13.6	20.4#
176	22.1	15.6	23.4

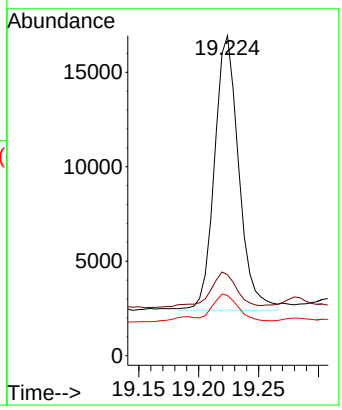




#19
Fluoranthene
Concen: 0.247 ng/ul m
RT: 19.224 min Scan# 3
Delta R.T. -0.024 min
Lab File: BM035780.D
Acq: 30 Jun 2022 14:19

Tgt Ion:202 Resp: 2052

Ion	Ratio	Lower	Upper
202	100		
101	25.3	10.1	15.1#
100	18.9	7.9	11.9#



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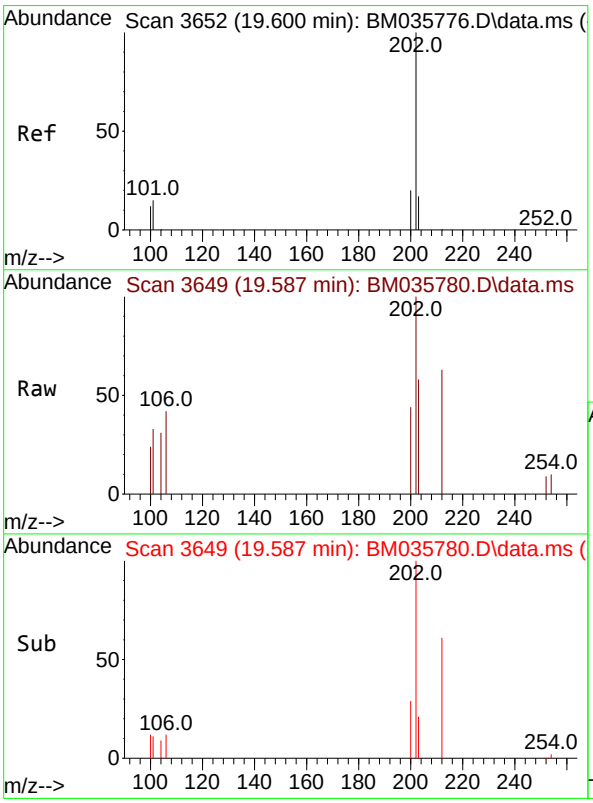

#20
Pyrene
Concen: 0.138 ng/ul m
RT: 19.587 min Scan# 3649
Delta R.T. -0.024 min
Lab File: BM035780.D
Acq: 30 Jun 2022 14:19

Tgt Ion:202 Resp: 12824

Ion	Ratio	Lower	Upper
202	100		
101	32.8	12.0	18.0#
100	24.0	9.8	14.6#