Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063022\
Data File : BM035779.D
Acq On : 30 Jun 2022 13:41
Operator : CG/JU
Sample : N3374-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 01 01:16:44 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

Instrument :
BNA_M
ClientSampleId :
EW4T9

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.774	152	3654m	0.400	ng/ul	-0.09
4) Naphthalene-d8	10.561	136	16717m	0.400	ng/ul	-0.06
9) Acenaphthene-d10	14.408	164	7404m	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.157	188	13071m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.360	240	16125	0.400	ng/ul	#-0.01
23) Perylene-d12	23.677	264	14305	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.209	96	24253	4.891	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.162	152	7279m	0.278	ng/ul	-0.07
18) Fluoranthene-d10	19.191	212	12279	0.226	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.243	88	45070m	9.189	ng/ul	
5) Naphthalene	10.611	128	43511m	0.851	ng/ul	
7) 2-Methylnaphthalene	12.233	142	13850m	0.433	ng/ul	
8) 1-Methylnaphthalene	12.448	142	10935m	0.361	ng/ul	
11) Acenaphthene	14.469	153	26729m	0.894	ng/ul	
12) Fluorene	15.459	166	24037m	0.698	ng/ul	
15) Phenanthrene	17.195	178	78571	1.659	ng/ul	94
16) Anthracene	17.288	178	57992m	1.474	ng/ul	
19) Fluoranthene	19.219	202	19321	0.239	ng/ul#	70
20) Pyrene	19.582	202	14196	0.157	ng/ul#	64

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

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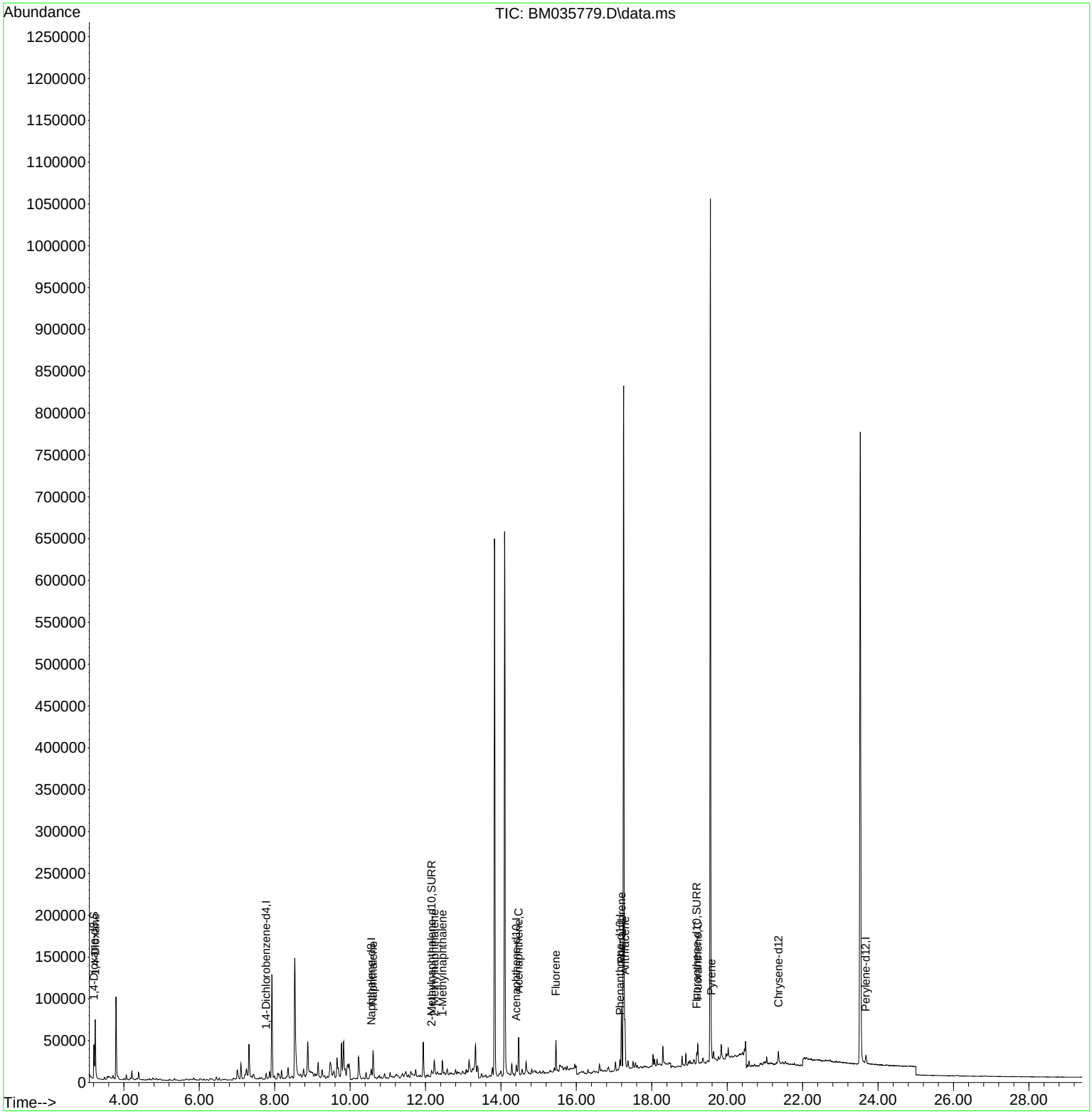
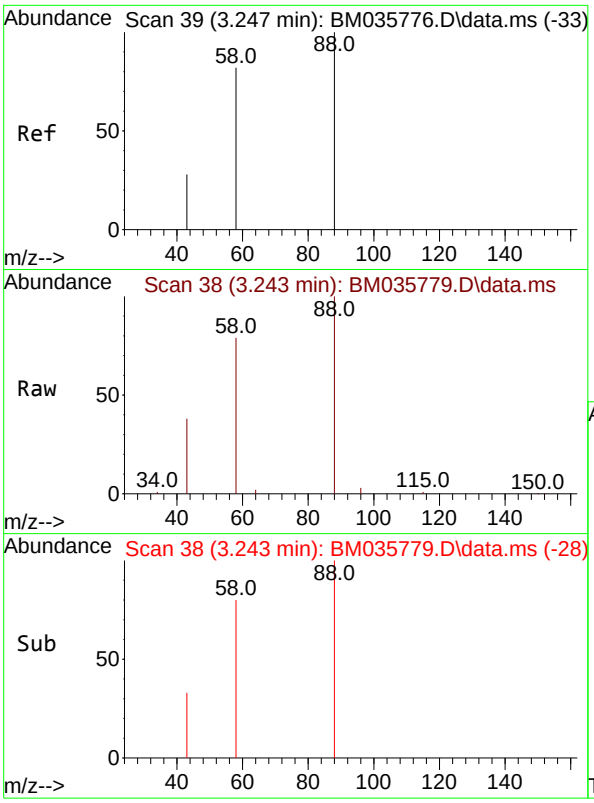
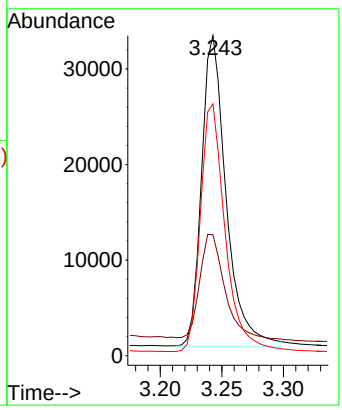




#2
1,4-Dioxane
Concen: 9.189 ng/ul m
RT: 3.243 min Scan# 3
Delta R.T. -0.008 min
Lab File: BM035779.D
Acq: 30 Jun 2022 13:41

Tgt Ion: 88 Resp: 4507

Ion	Ratio	Lower	Upper
88	100		
43	37.8	37.8	56.6
58	78.7	42.6	63.8



Instrument :
BNA_M
ClientSampleId :
EW4T9

Manual Integrations
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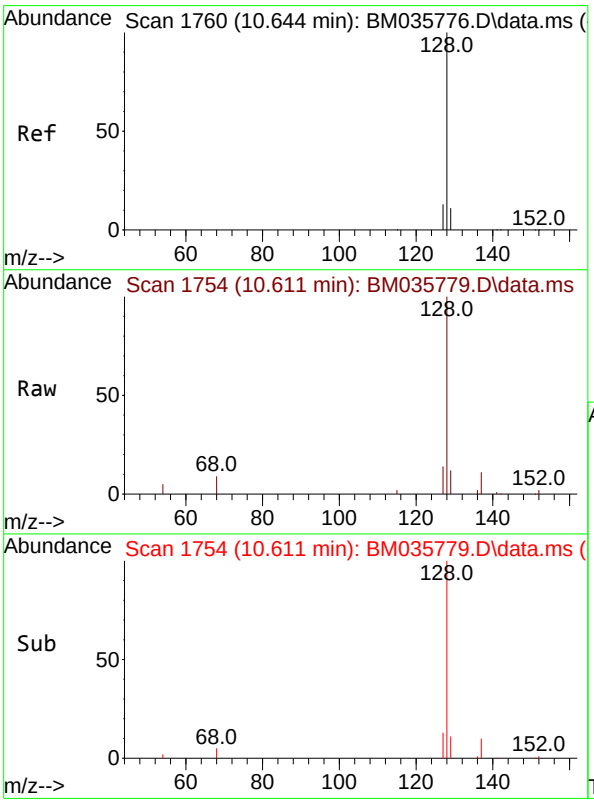
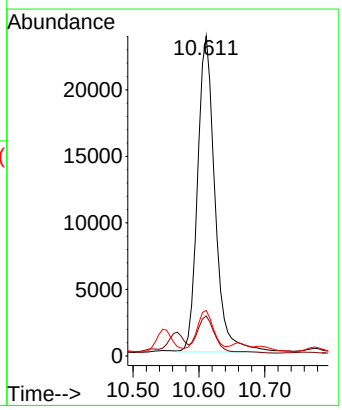
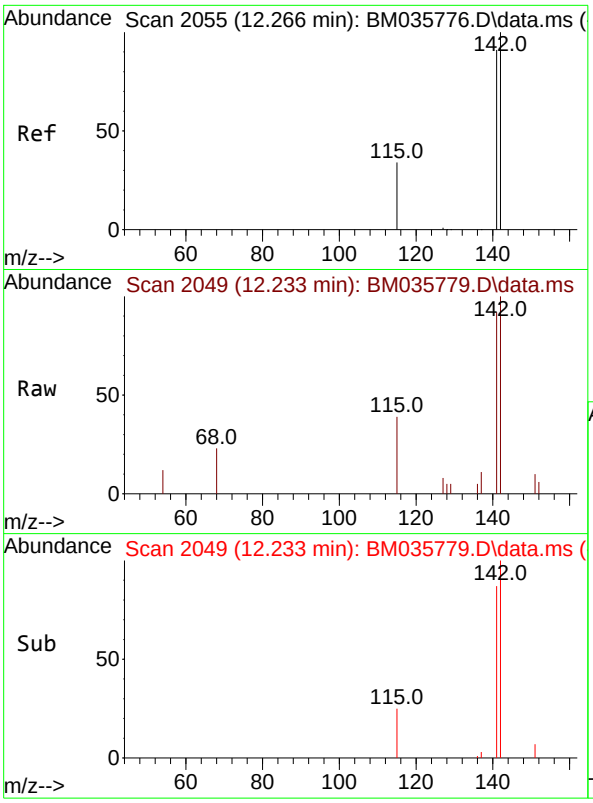


#5
Naphthalene
Concen: 0.851 ng/ul m
RT: 10.611 min Scan# 1754
Delta R.T. -0.060 min
Lab File: BM035779.D
Acq: 30 Jun 2022 13:41

Tgt Ion:128 Resp: 43511

Ion	Ratio	Lower	Upper
128	100		
129	12.5	10.2	15.2
127	14.2	11.7	17.5

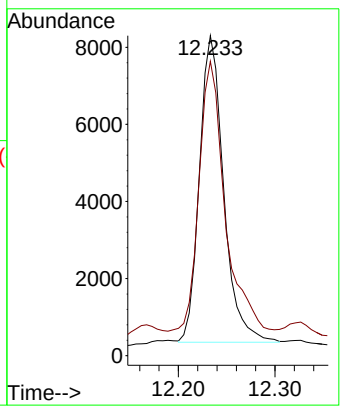




#7
2-Methylnaphthalene
Concen: 0.433 ng/ul m
RT: 12.233 min Scan# 2(
Delta R.T. -0.066 min
Lab File: BM035779.D
Acq: 30 Jun 2022 13:41

Tgt Ion:142 Resp: 1385(

Ion	Ratio	Lower	Upper
142	100		
141	105.5	77.4	116.0



Instrument :
BNA_M
ClientSampleId :
EW4T9

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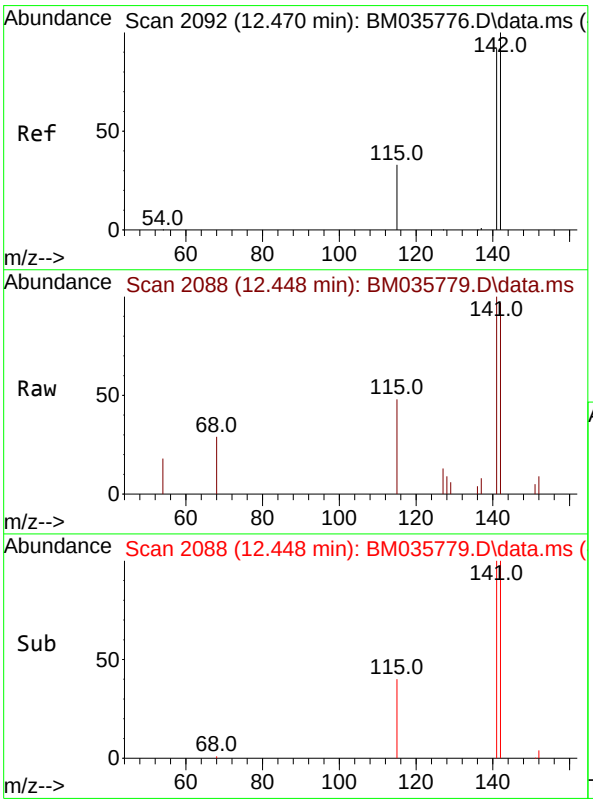
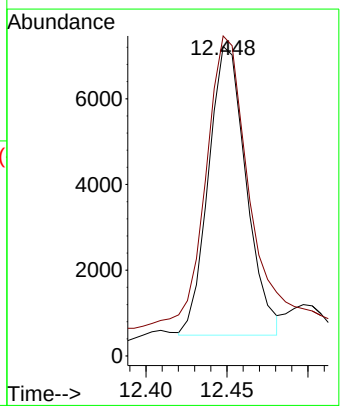
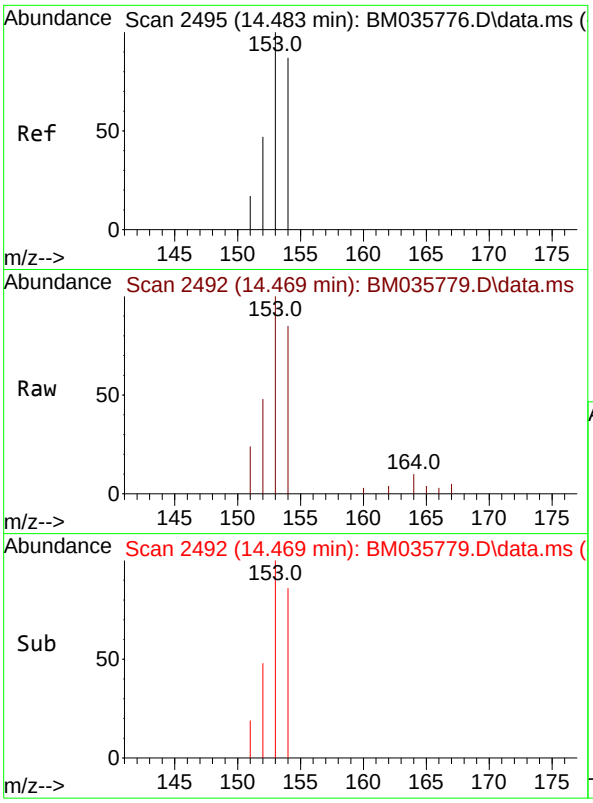


#8
1-Methylnaphthalene
Concen: 0.361 ng/ul m
RT: 12.448 min Scan# 2088
Delta R.T. -0.044 min
Lab File: BM035779.D
Acq: 30 Jun 2022 13:41

Tgt Ion:142 Resp: 10935

Ion	Ratio	Lower	Upper
142	100		
141	0.0	74.1	111.1#

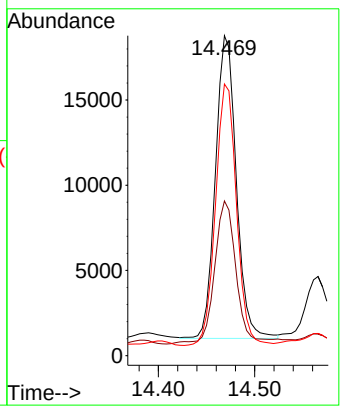




#11
Acenaphthene
Concen: 0.894 ng/ul m
RT: 14.469 min Scan# 24
Delta R.T. -0.029 min
Lab File: BM035779.D
Acq: 30 Jun 2022 13:41

Tgt Ion:153 Resp: 2672

Ion	Ratio	Lower	Upper
153	100		
152	48.4	40.2	60.4
154	84.9	69.7	104.5



Instrument :
BNA_M
ClientSampleId :
EW4T9

Manual Integrations
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Reviewed By :Jagrut Upadhyay 07/01/2022
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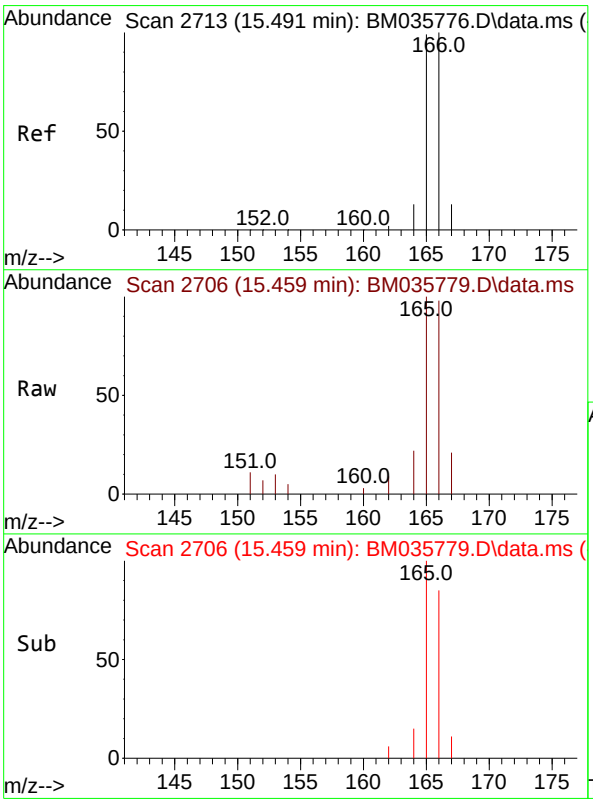
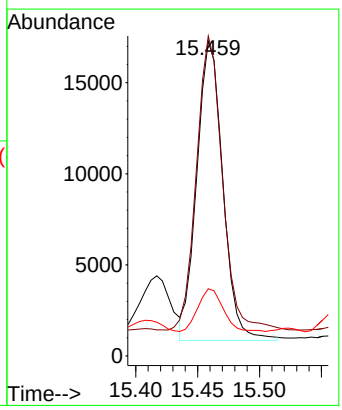
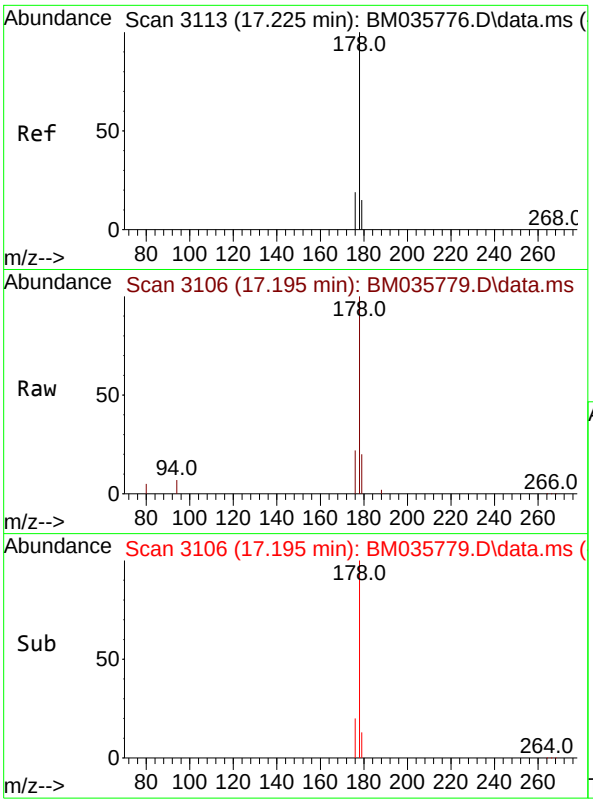


#12
Fluorene
Concen: 0.698 ng/ul m
RT: 15.459 min Scan# 2706
Delta R.T. -0.047 min
Lab File: BM035779.D
Acq: 30 Jun 2022 13:41

Tgt Ion:166 Resp: 24037

Ion	Ratio	Lower	Upper
166	100		
165	101.6	78.9	118.3
167	21.4	11.3	16.9#

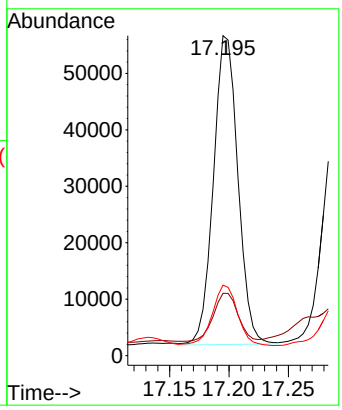




#15
Phenanthrene
Concen: 1.659 ng/ul
RT: 17.195 min Scan# 3
Delta R.T. -0.043 min
Lab File: BM035779.D
Acq: 30 Jun 2022 13:41

Tgt Ion:178 Resp: 7857

Ion	Ratio	Lower	Upper
178	100		
179	19.5	13.0	19.6
176	22.0	15.6	23.4



Instrument :
BNA_M
ClientSampleId :
EW4T9

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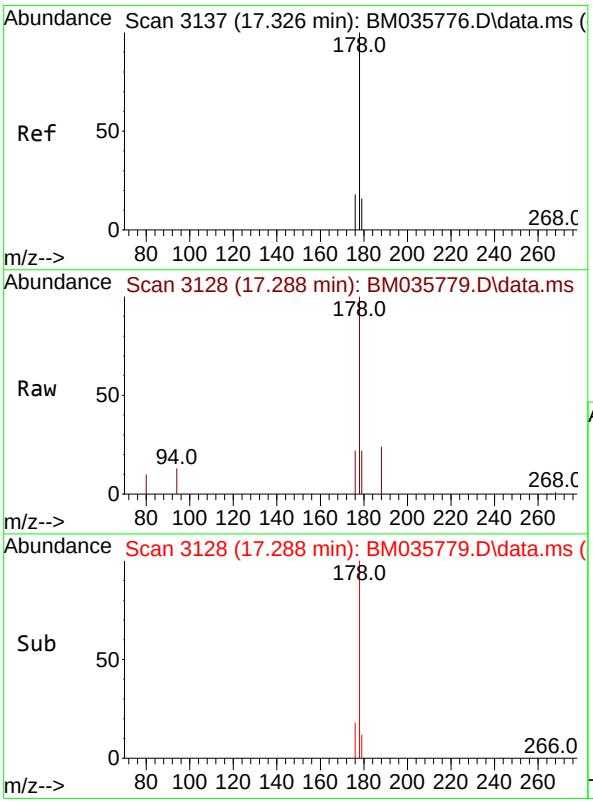
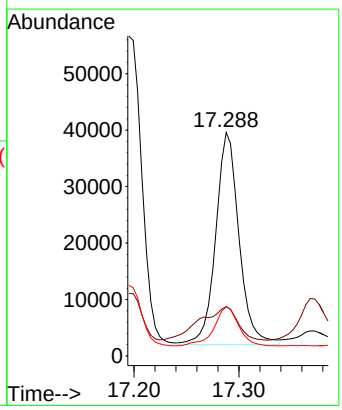
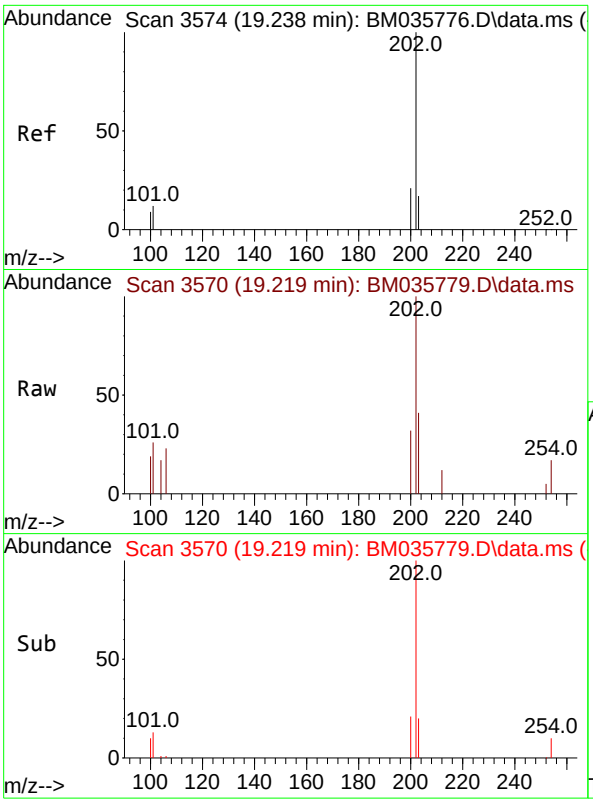


#16
Anthracene
Concen: 1.474 ng/ul m
RT: 17.288 min Scan# 3128
Delta R.T. -0.060 min
Lab File: BM035779.D
Acq: 30 Jun 2022 13:41

Tgt Ion:178 Resp: 57992

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

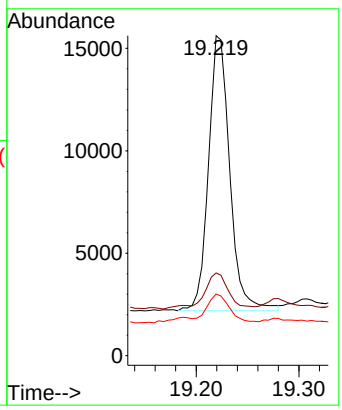




#19
Fluoranthene
Concen: 0.239 ng/ul
RT: 19.219 min Scan# 3
Delta R.T. -0.029 min
Lab File: BM035779.D
Acq: 30 Jun 2022 13:41

Tgt Ion:202 Resp: 1932

Ion	Ratio	Lower	Upper
202	100		
101	25.8	10.1	15.1#
100	19.3	7.9	11.9#



Instrument :
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ClientSampleId :
EW4T9

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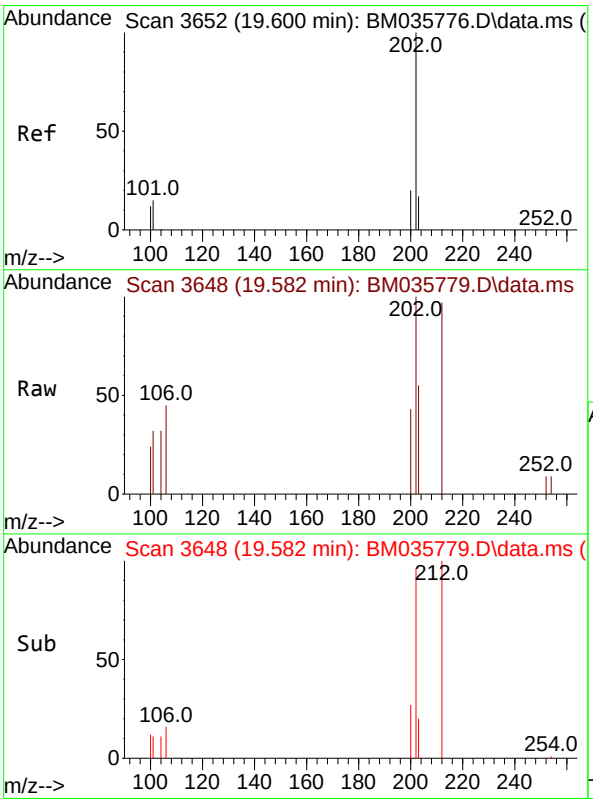

#20
Pyrene
Concen: 0.157 ng/ul
RT: 19.582 min Scan# 3648
Delta R.T. -0.029 min
Lab File: BM035779.D
Acq: 30 Jun 2022 13:41

Tgt Ion:202 Resp: 14196

Ion	Ratio	Lower	Upper
202	100		
101	32.1	12.0	18.0#
100	24.2	9.8	14.6#