Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048186.D
Acq On : 22 Oct 2024 11:07
Operator : RC/JU
Sample : P4380-23
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Oct 22 12:09:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 22 10:58:11 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
E27G8

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/23/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.767	152	6708	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.550	136	21098	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.399	164	16732	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.140	188	24356m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.313	240	18652m	0.400	ng/ul	-0.02
23) Perylene-d12	23.572	264	16572m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.235	96	38330	4.204	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.145	152	11703	0.398	ng/ul	-0.05
18) Fluoranthene-d10	19.168	212	24131m	0.445	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.600	128	119761	2.089	ng/ul	96
7) 2-Methylnaphthalene	12.222	142	13597	0.414	ng/ul	99
8) 1-Methylnaphthalene	12.436	142	13942	0.369	ng/ul	93
10) Acenaphthylene	14.117	152	4070	0.053	ng/ul#	70
11) Acenaphthene	14.459	153	19823	0.359	ng/ul	98
12) Fluorene	15.449	166	7697	0.130	ng/ul#	95
15) Phenanthrene	17.182	178	47297m	0.768	ng/ul	
16) Anthracene	17.271	178	6143m	0.105	ng/ul	
19) Fluoranthene	19.196	202	16384m	0.224	ng/ul	
20) Pyrene	19.558	202	9070m	0.115	ng/ul	

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

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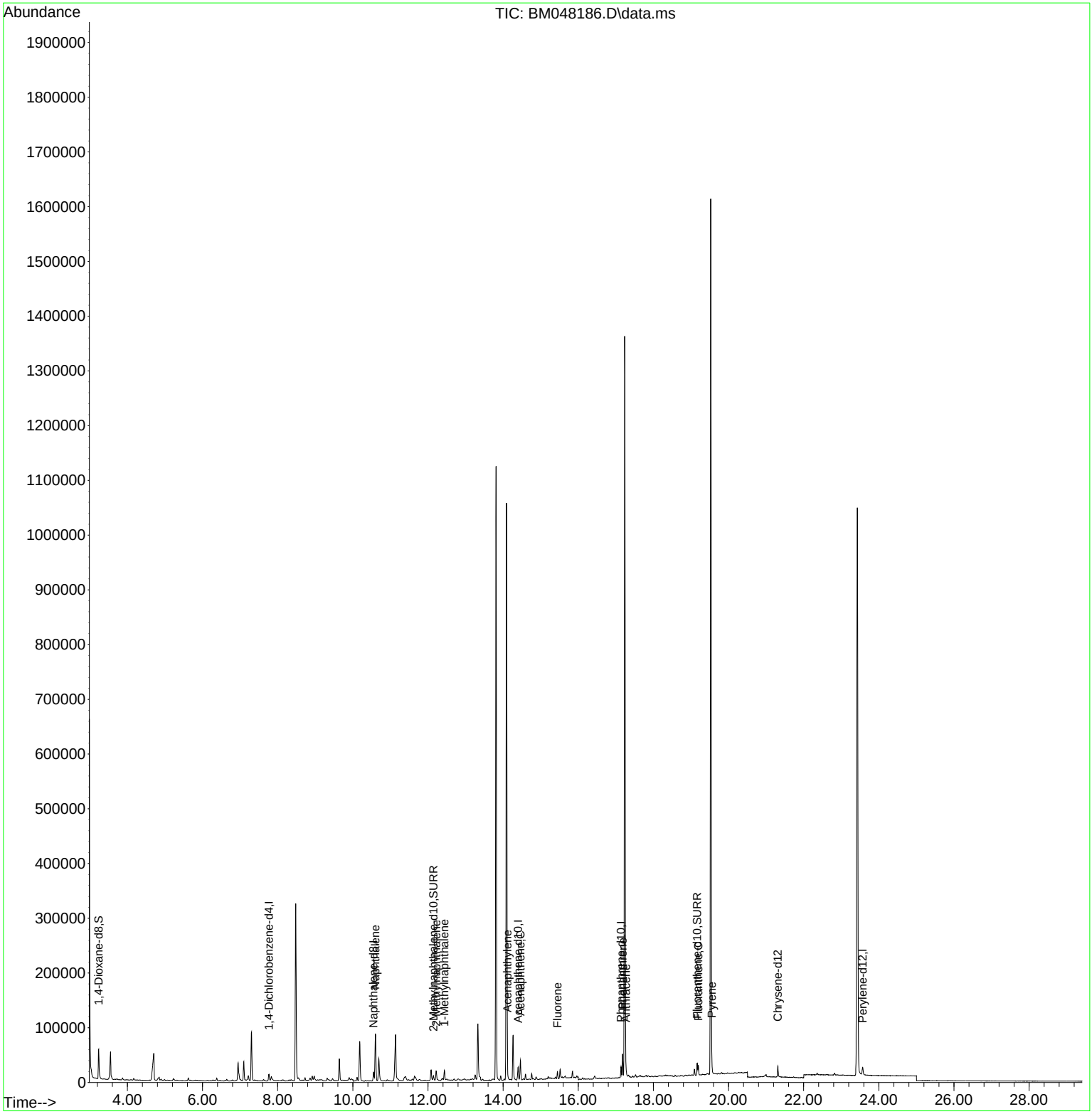
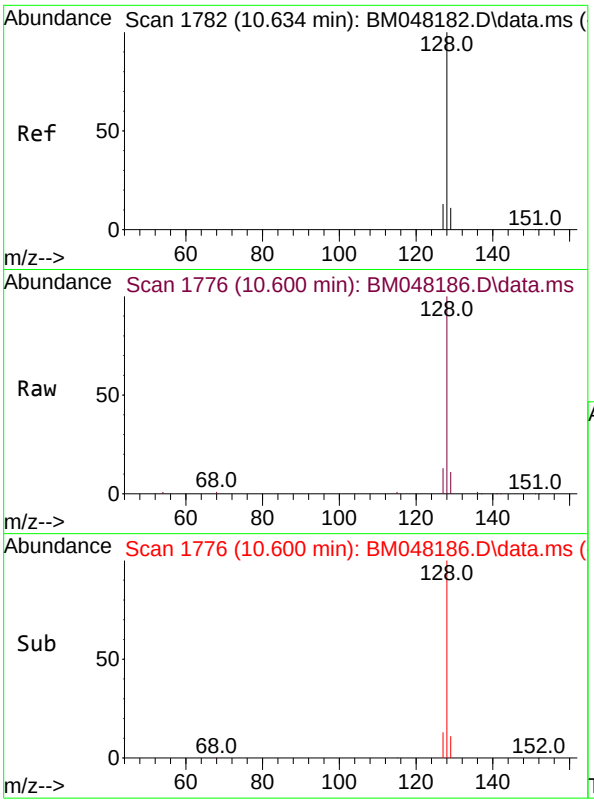
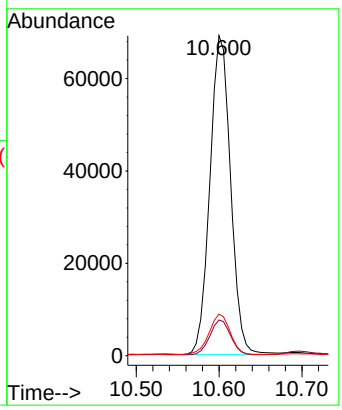




#5
Naphthalene
Concen: 2.089 ng/ul
RT: 10.600 min Scan# 1
Delta R.T. -0.034 min
Lab File: BM048186.D
Acq: 22 Oct 2024 11:07

Tgt Ion:128 Resp: 11976

Ion	Ratio	Lower	Upper
128	100		
129	11.1	10.6	15.8
127	12.9	11.3	16.9



Instrument :
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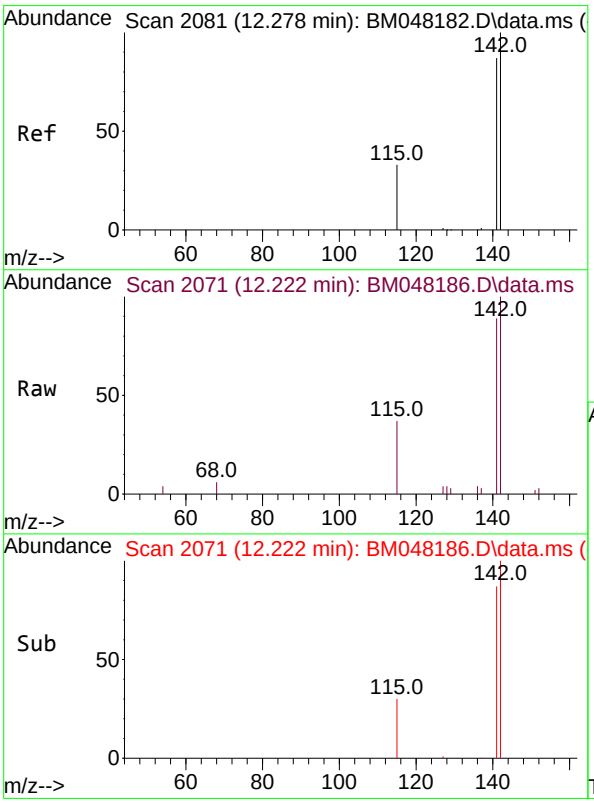
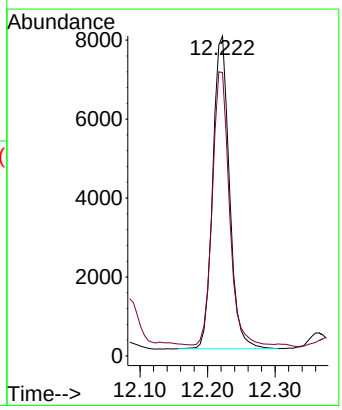
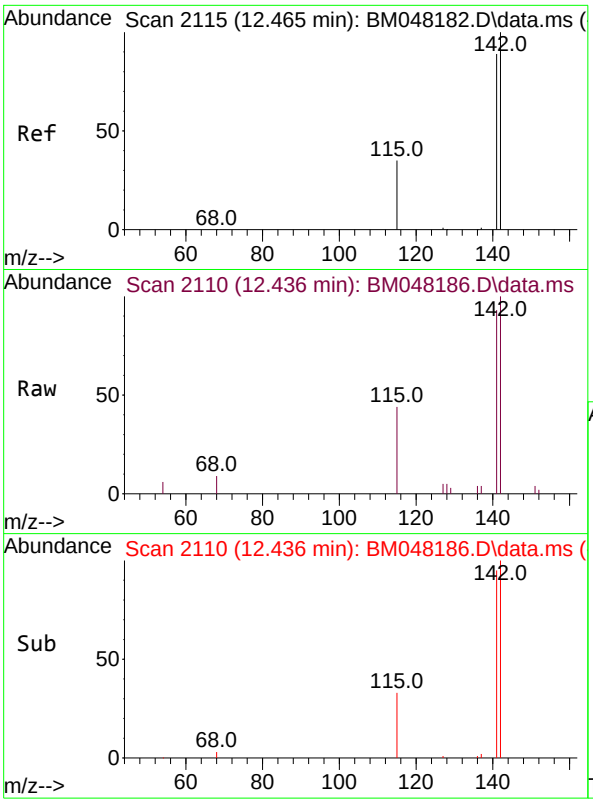


#7
2-Methylnaphthalene
Concen: 0.414 ng/ul
RT: 12.222 min Scan# 2071
Delta R.T. -0.056 min
Lab File: BM048186.D
Acq: 22 Oct 2024 11:07

Tgt Ion:142 Resp: 13597

Ion	Ratio	Lower	Upper
142	100		
141	91.1	71.9	107.9





#8
1-Methylnaphthalene
Concen: 0.369 ng/ul
RT: 12.436 min Scan# 2
Delta R.T. -0.029 min
Lab File: BM048186.D
Acq: 22 Oct 2024 11:07

Tgt Ion:142 Resp: 1394

Ion	Ratio	Lower	Upper
142	100		
141	85.4	73.8	110.6

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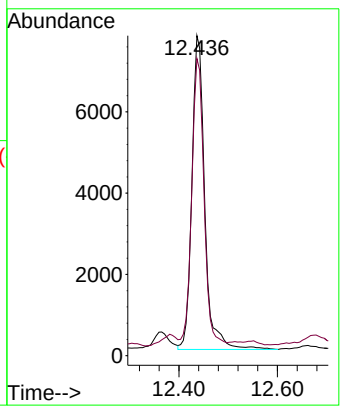
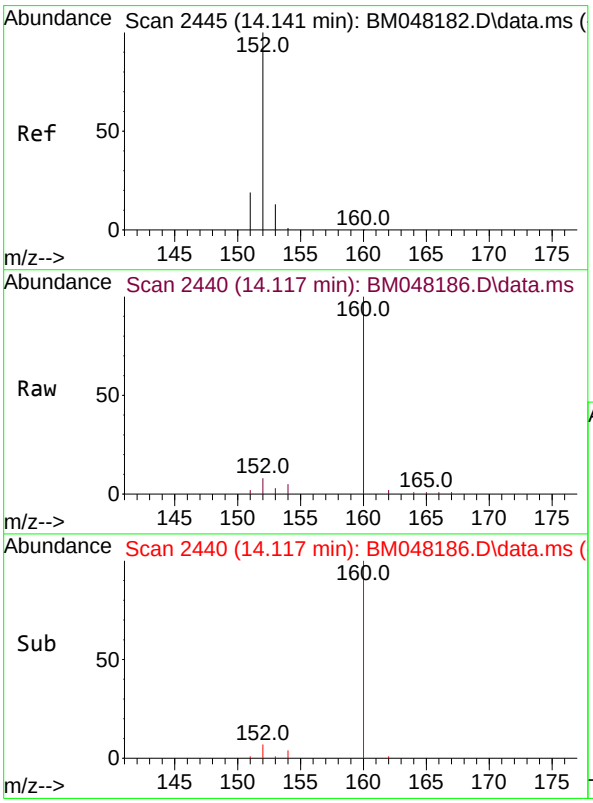
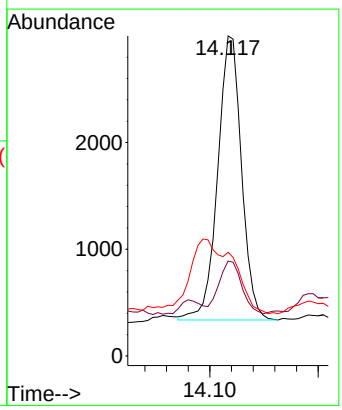


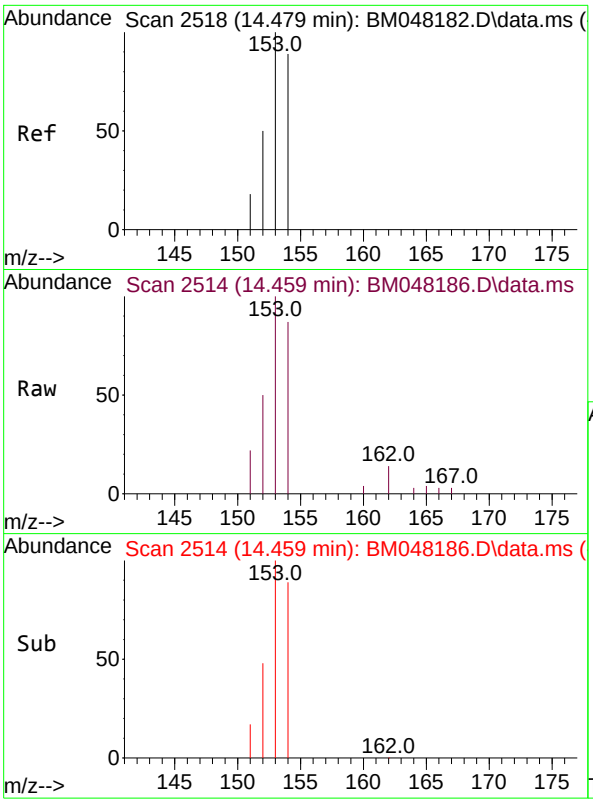


#10
Acenaphthylene
Concen: 0.053 ng/ul
RT: 14.117 min Scan# 2440
Delta R.T. -0.024 min
Lab File: BM048186.D
Acq: 22 Oct 2024 11:07

Tgt Ion:152 Resp: 4070

Ion	Ratio	Lower	Upper
152	100		
151	29.6	16.2	24.4#
153	32.4	11.7	17.5#

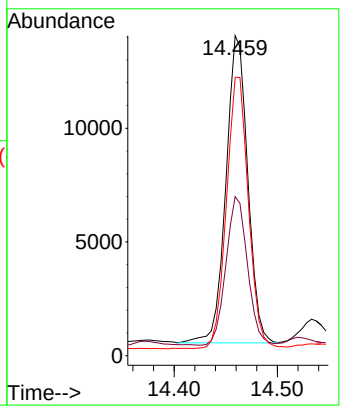




#11
Acenaphthene
Concen: 0.359 ng/ul
RT: 14.459 min Scan# 2
Delta R.T. -0.020 min
Lab File: BM048186.D
Acq: 22 Oct 2024 11:07

Tgt Ion:153 Resp: 1982

Ion	Ratio	Lower	Upper
153	100		
152	49.7	40.9	61.3
154	87.0	71.0	106.4



Instrument :
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ClientSampleId :
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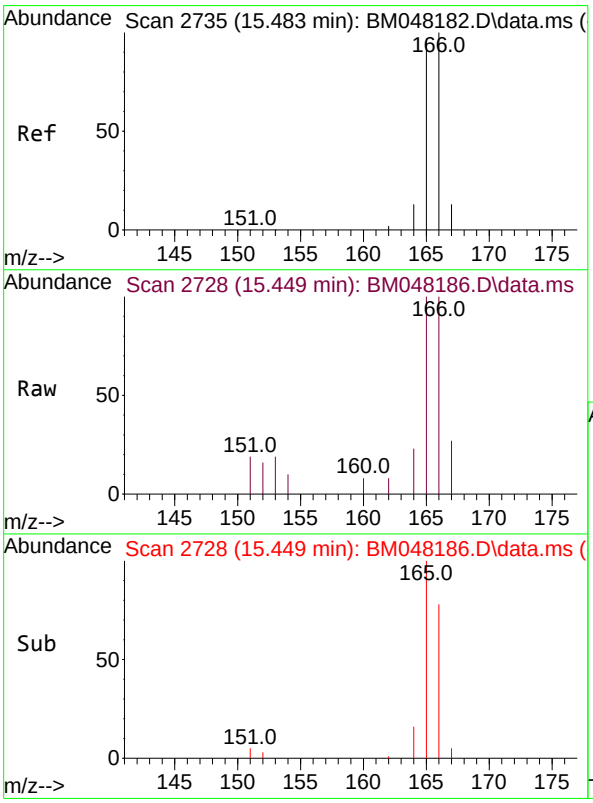
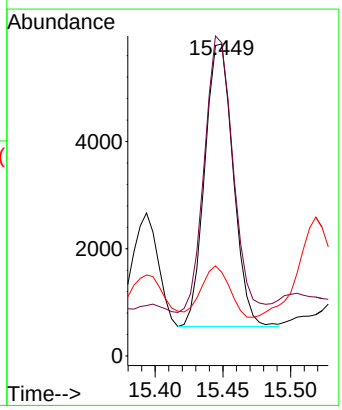
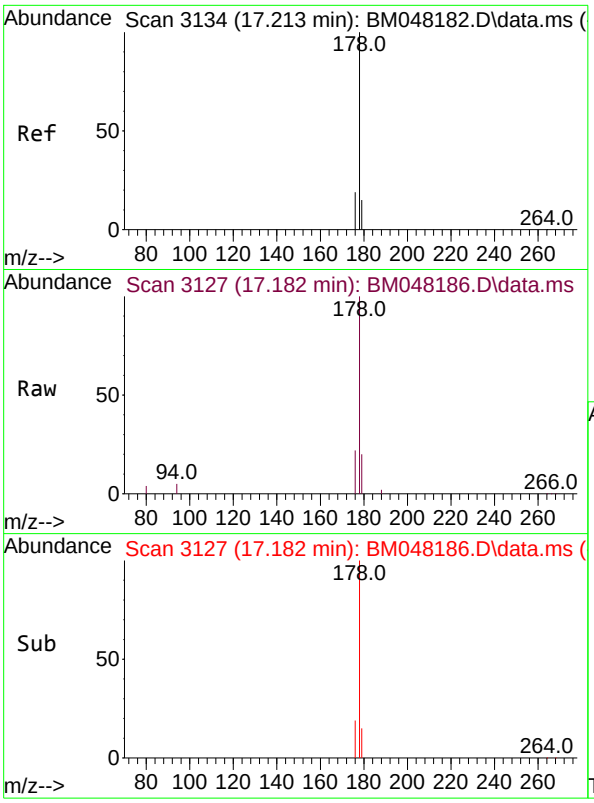


#12
Fluorene
Concen: 0.130 ng/ul
RT: 15.449 min Scan# 2728
Delta R.T. -0.034 min
Lab File: BM048186.D
Acq: 22 Oct 2024 11:07

Tgt Ion:166 Resp: 7697

Ion	Ratio	Lower	Upper
166	100		
165	100.4	79.1	118.7
167	26.8	12.0	18.0#

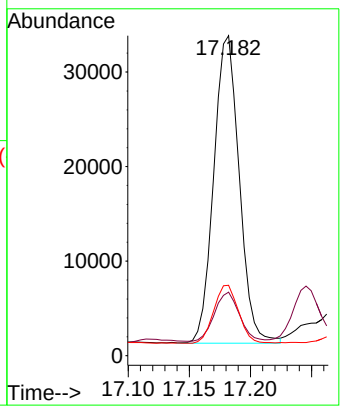




#15
Phenanthrene
Concen: 0.768 ng/ul m
RT: 17.182 min Scan# 3
Delta R.T. -0.031 min
Lab File: BM048186.D
Acq: 22 Oct 2024 11:07

Tgt Ion:178 Resp: 4729

Ion	Ratio	Lower	Upper
178	100		
179	19.9	13.2	19.8#
176	22.0	16.0	24.0



Instrument :
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ClientSampleId :
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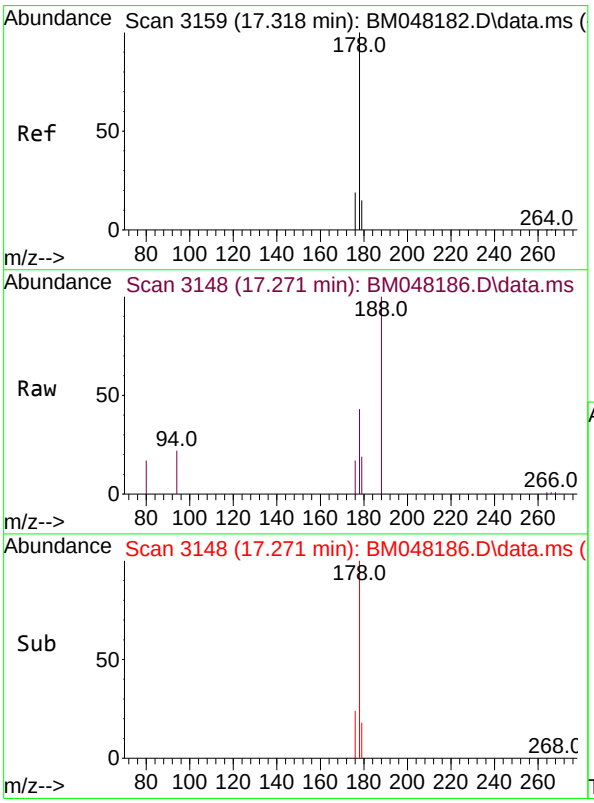
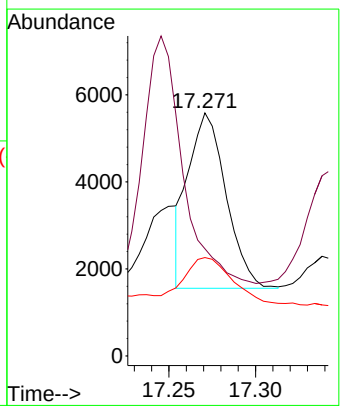
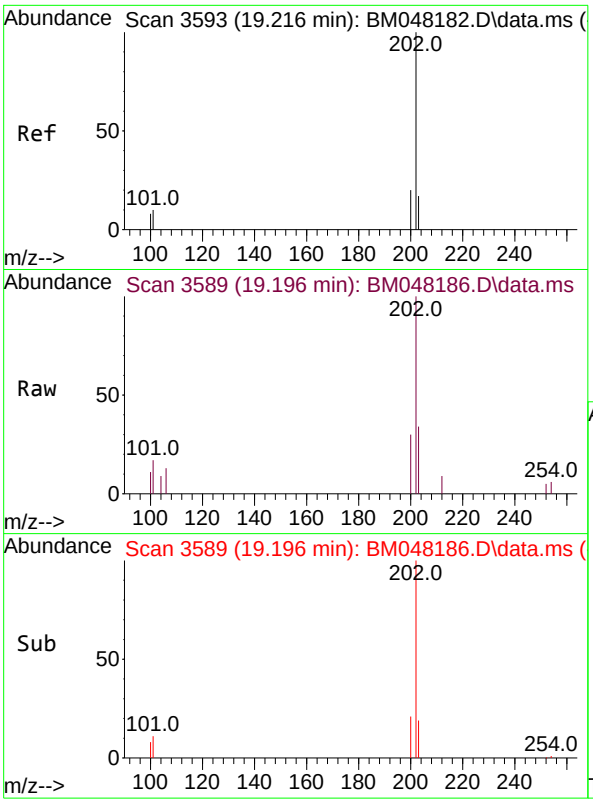


#16
Anthracene
Concen: 0.105 ng/ul m
RT: 17.271 min Scan# 3148
Delta R.T. -0.048 min
Lab File: BM048186.D
Acq: 22 Oct 2024 11:07

Tgt Ion:178 Resp: 6143

Ion	Ratio	Lower	Upper
178	100		
179	44.1	14.5	21.7#
176	40.5	16.0	24.0#





#19
Fluoranthene
Concen: 0.224 ng/ul m
RT: 19.196 min Scan# 3
Delta R.T. -0.020 min
Lab File: BM048186.D
Acq: 22 Oct 2024 11:07

Tgt Ion:202 Resp: 1638

Ion	Ratio	Lower	Upper
202	100		
101	17.1	9.3	13.9#
100	11.0	7.1	10.7#

Instrument :
BNA_M
ClientSampleId :
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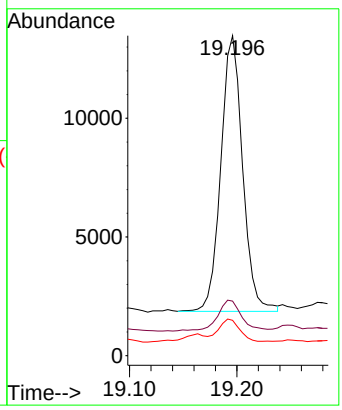

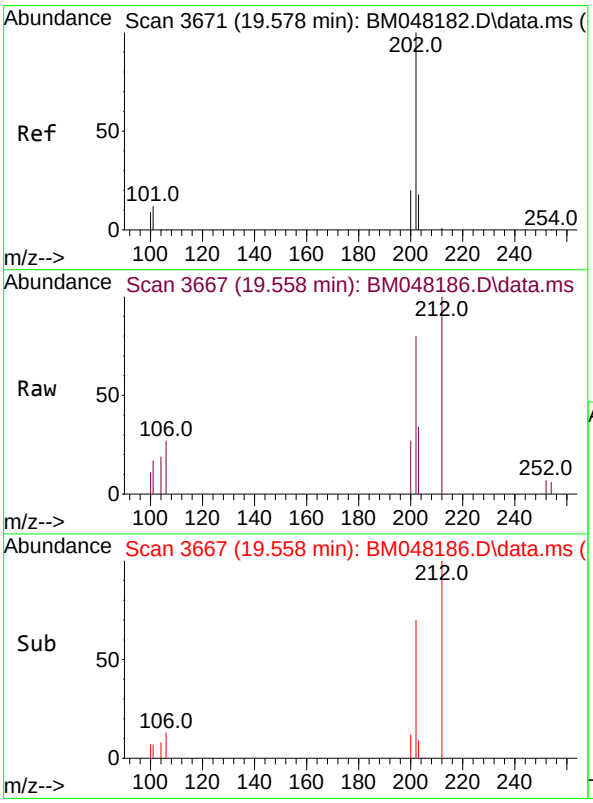

#20
Pyrene
Concen: 0.115 ng/ul m
RT: 19.558 min Scan# 3667
Delta R.T. -0.020 min
Lab File: BM048186.D
Acq: 22 Oct 2024 11:07

Tgt Ion:202 Resp: 9070

Ion	Ratio	Lower	Upper
202	100		
101	21.2	10.6	16.0#
100	14.3	8.1	12.1#