Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048195.D
Acq On : 22 Oct 2024 16:35
Operator : RC/JU
Sample : P4380-08DL 5X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27J0DL

Manual Integrations APPROVED

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

Quant Time: Oct 22 17:17:48 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.767	152	6467	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.556	136	20046	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.399	164	12576	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.140	188	22173	0.400	ng/ul	-0.03
17) Chrysene-d12	21.313	240	17519	0.400	ng/ul	-0.02
23) Perylene-d12	23.575	264	16200m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.235	96	7321	0.833	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.151	152	1967	0.070	ng/ul	-0.05
18) Fluoranthene-d10	19.163	212	4524	0.089	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.600	128	79183	1.453	ng/ul	96
7) 2-Methylnaphthalene	12.222	142	16151	0.518	ng/ul	98
8) 1-Methylnaphthalene	12.442	142	21919	0.611	ng/ul	97
10) Acenaphthylene	14.117	152	6196	0.107	ng/ul#	91
11) Acenaphthene	14.459	153	27404	0.660	ng/ul	98
12) Fluorene	15.449	166	12660	0.285	ng/ul	97
15) Phenanthrene	17.182	178	58499	1.044	ng/ul	99
16) Anthracene	17.271	178	4386m	0.083	ng/ul	
19) Fluoranthene	19.196	202	15501	0.225	ng/ul	98
20) Pyrene	19.554	202	9086	0.123	ng/ul#	91

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

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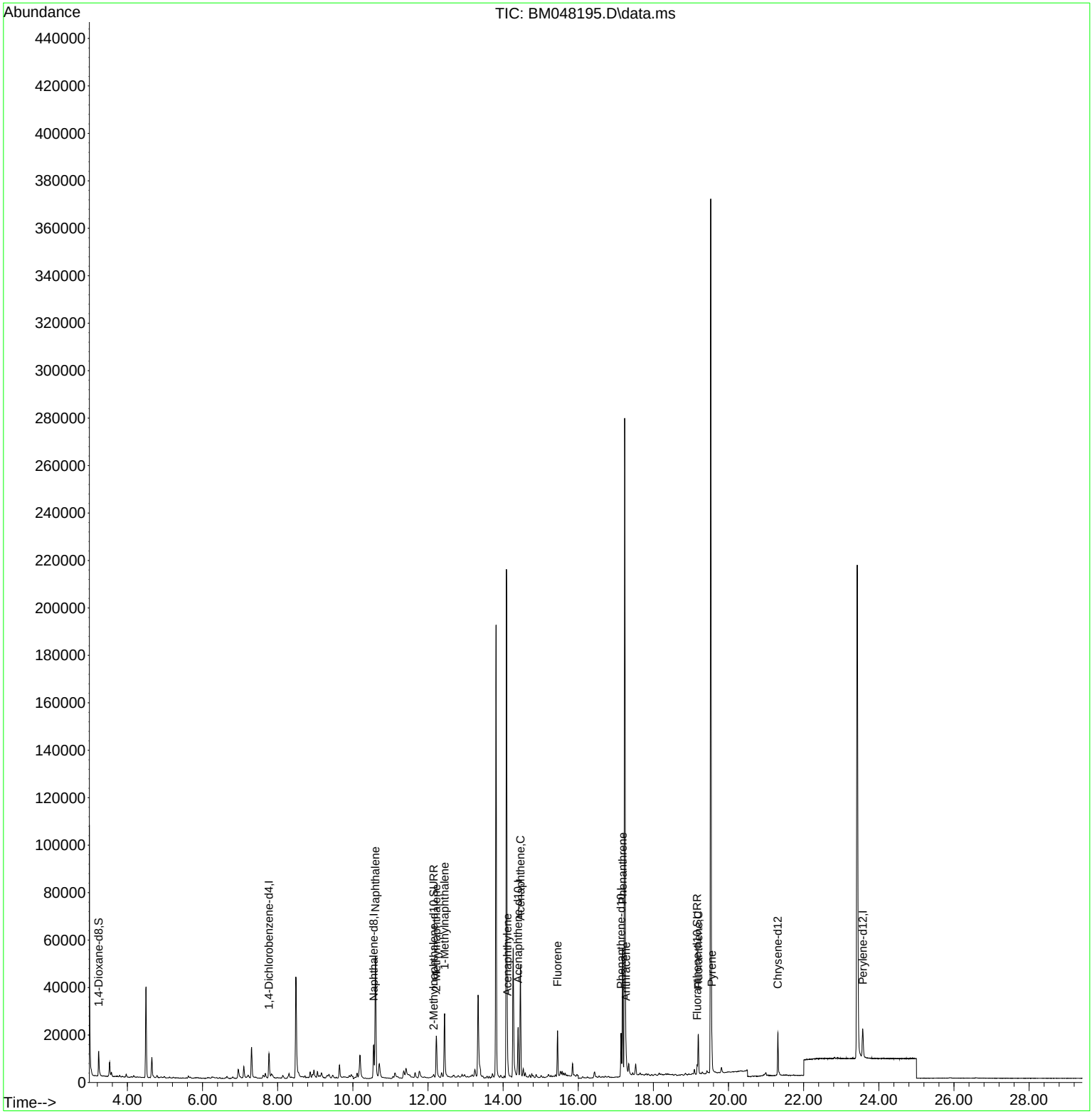
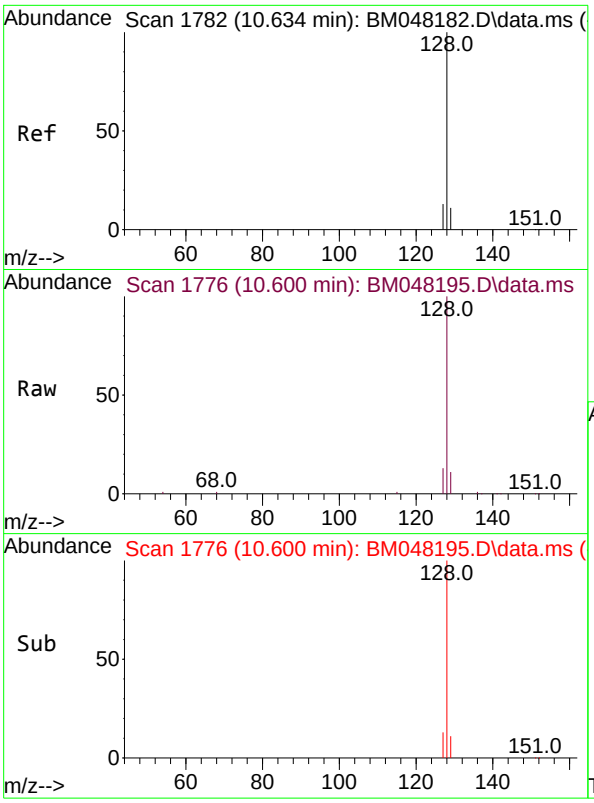
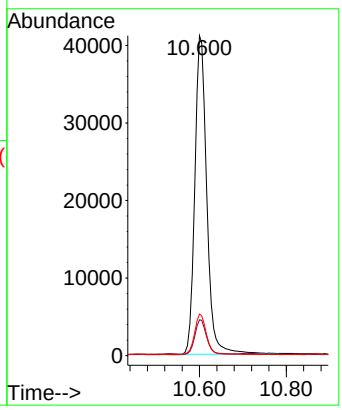




#5
Naphthalene
Concen: 1.453 ng/ul
RT: 10.600 min Scan# 1
Delta R.T. -0.034 min
Lab File: BM048195.D
Acq: 22 Oct 2024 16:35

Tgt Ion:128 Resp: 7918

Ion	Ratio	Lower	Upper
128	100		
129	11.2	10.6	15.8
127	13.0	11.3	16.9



Instrument :
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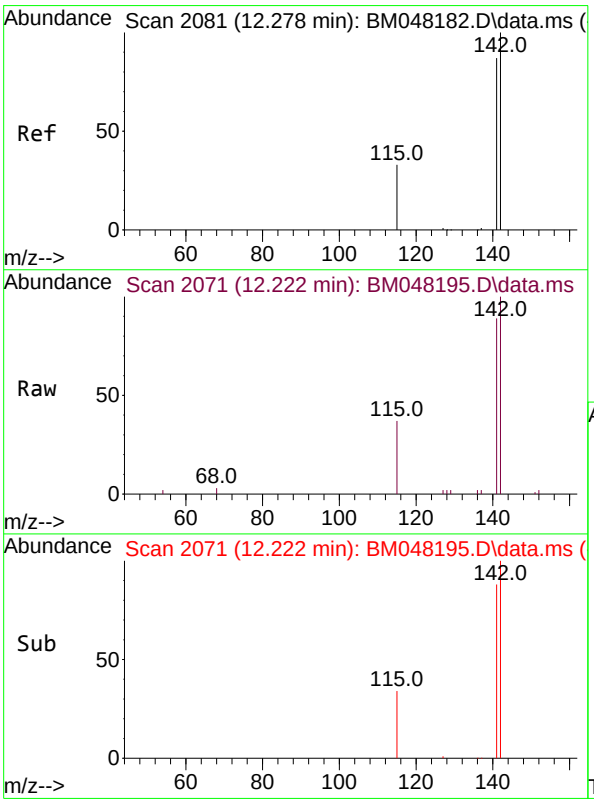
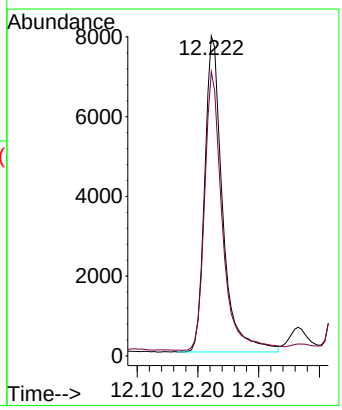
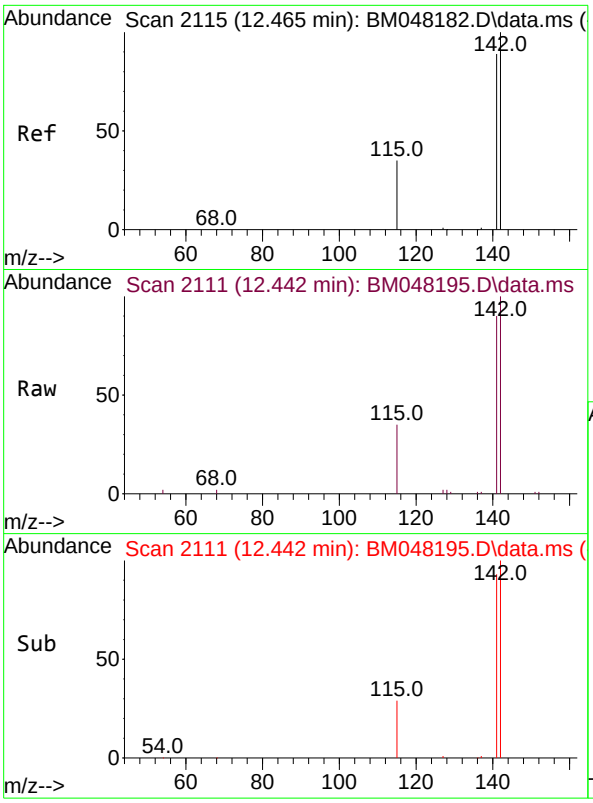


#7
2-Methylnaphthalene
Concen: 0.518 ng/ul
RT: 12.222 min Scan# 2071
Delta R.T. -0.056 min
Lab File: BM048195.D
Acq: 22 Oct 2024 16:35

Tgt Ion:142 Resp: 16151

Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.9	107.9





#8
1-Methylnaphthalene
Concen: 0.611 ng/ul
RT: 12.442 min Scan# 21
Delta R.T. -0.023 min
Lab File: BM048195.D
Acq: 22 Oct 2024 16:35

Tgt Ion:142 Resp: 2191

Ion	Ratio	Lower	Upper
142	100		
141	89.0	73.8	110.6

Instrument :
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ClientSampleId :
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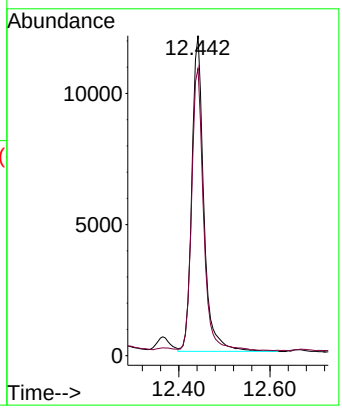
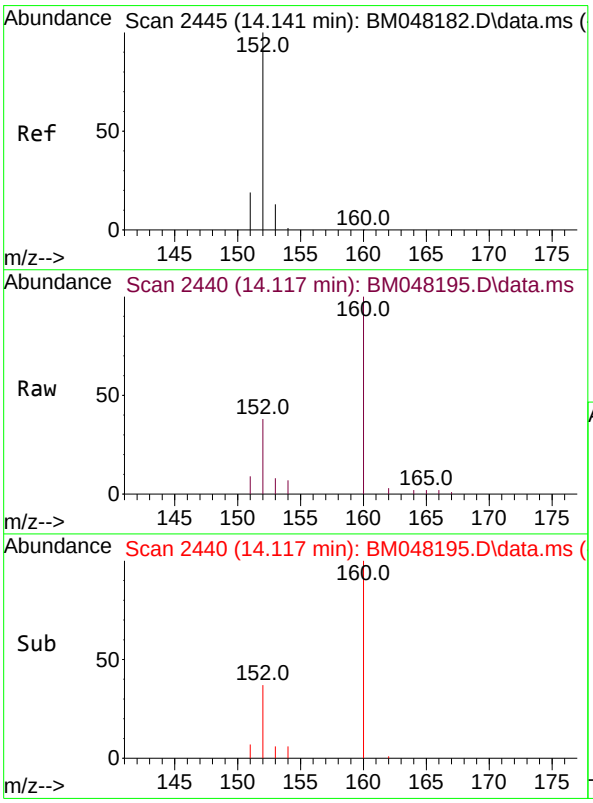
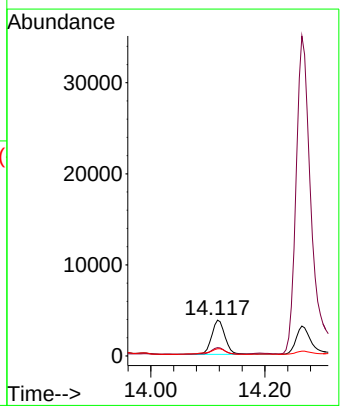


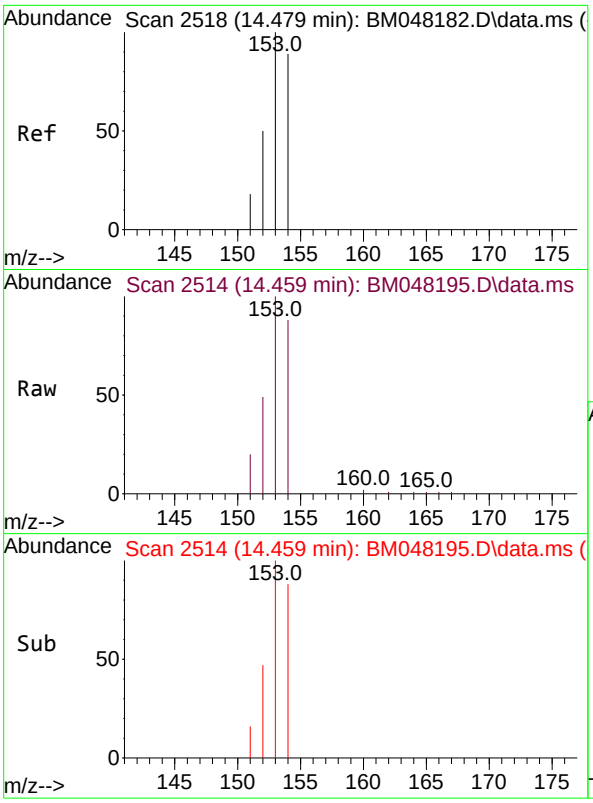


#10
Acenaphthylene
Concen: 0.107 ng/ul
RT: 14.117 min Scan# 2440
Delta R.T. -0.024 min
Lab File: BM048195.D
Acq: 22 Oct 2024 16:35

Tgt Ion:152 Resp: 6196

Ion	Ratio	Lower	Upper
152	100		
151	23.3	16.2	24.4
153	20.2	11.7	17.5#

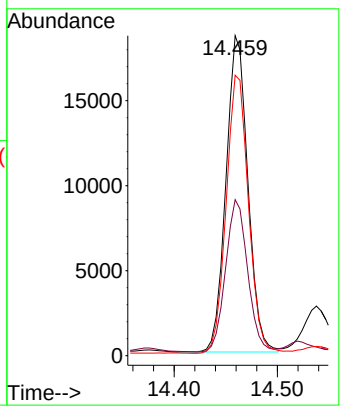




#11
Acenaphthene
Concen: 0.660 ng/ul
RT: 14.459 min Scan# 2
Delta R.T. -0.020 min
Lab File: BM048195.D
Acq: 22 Oct 2024 16:35

Tgt Ion:153 Resp: 2740

Ion	Ratio	Lower	Upper
153	100		
152	48.8	40.9	61.3
154	87.6	71.0	106.4



Instrument :
BNA_M
ClientSampleId :
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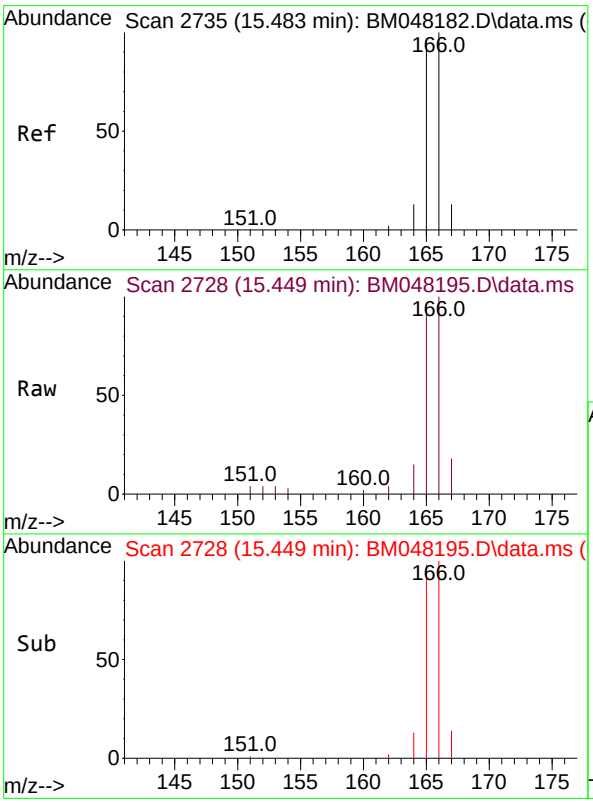
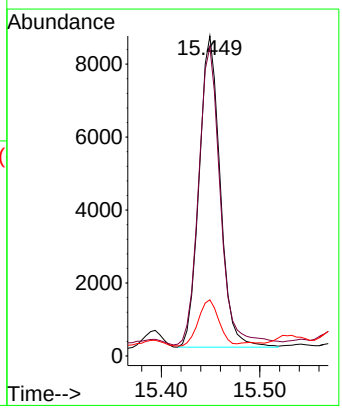
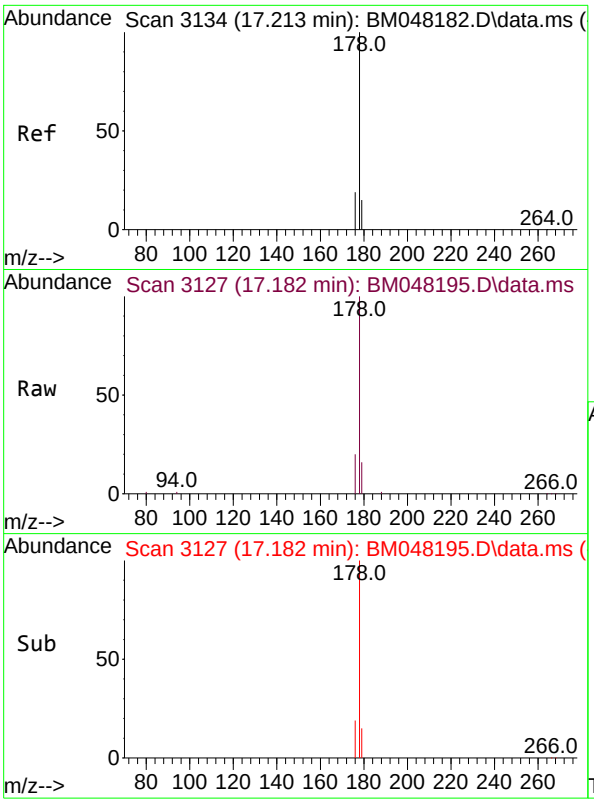


#12
Fluorene
Concen: 0.285 ng/ul
RT: 15.449 min Scan# 2728
Delta R.T. -0.034 min
Lab File: BM048195.D
Acq: 22 Oct 2024 16:35

Tgt Ion:166 Resp: 12660

Ion	Ratio	Lower	Upper
166	100		
165	96.6	79.1	118.7
167	17.5	12.0	18.0

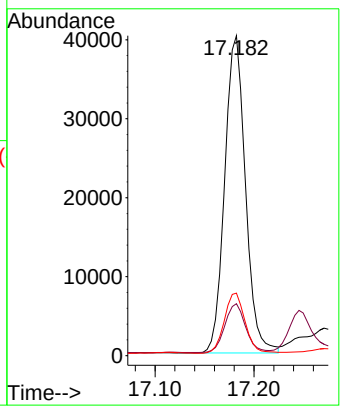




#15
Phenanthrene
Concen: 1.044 ng/ul
RT: 17.182 min Scan# 3
Delta R.T. -0.031 min
Lab File: BM048195.D
Acq: 22 Oct 2024 16:35

Tgt Ion:178 Resp: 5849

Ion	Ratio	Lower	Upper
178	100		
179	16.3	13.2	19.8
176	19.5	16.0	24.0



Instrument :
BNA_M
ClientSampleId :
E27J0DL

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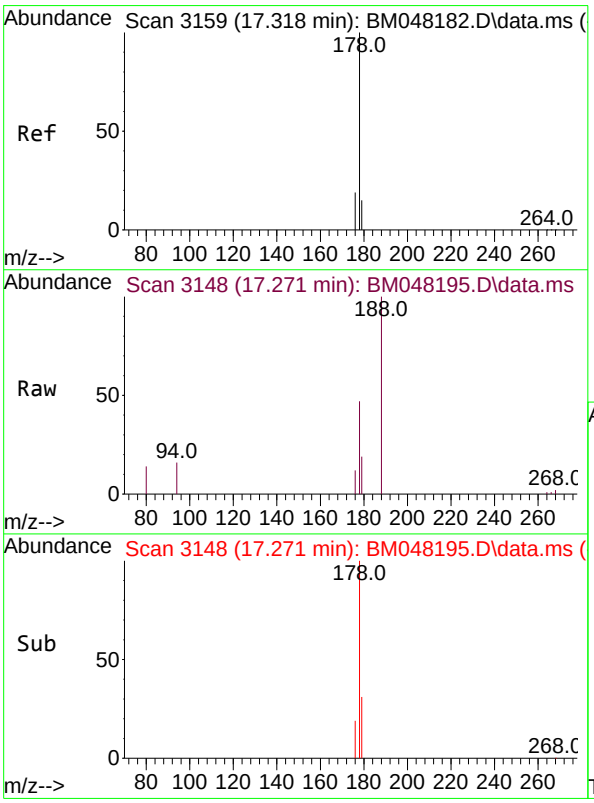
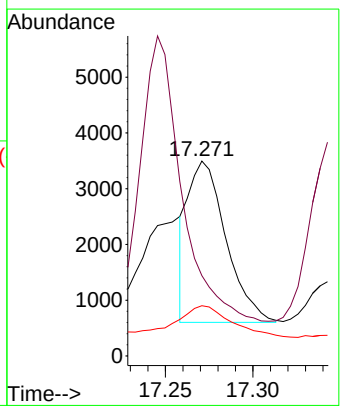
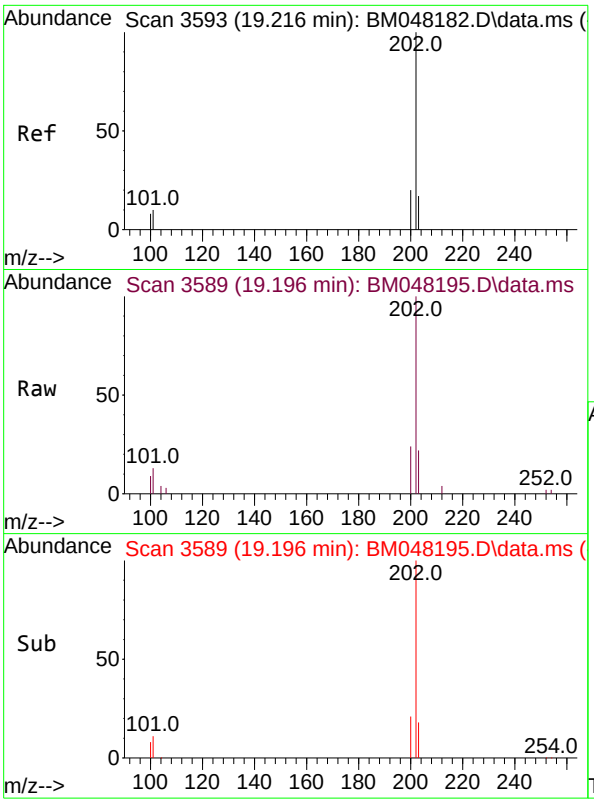


#16
Anthracene
Concen: 0.083 ng/ul m
RT: 17.271 min Scan# 3148
Delta R.T. -0.048 min
Lab File: BM048195.D
Acq: 22 Oct 2024 16:35

Tgt Ion:178 Resp: 4386

Ion	Ratio	Lower	Upper
178	100		
179	41.2	14.5	21.7#
176	25.8	16.0	24.0#





#19
Fluoranthene
Concen: 0.225 ng/ul
RT: 19.196 min Scan# 3
Delta R.T. -0.020 min
Lab File: BM048195.D
Acq: 22 Oct 2024 16:35

Tgt Ion:202 Resp: 1550

Ion	Ratio	Lower	Upper
202	100		
101	12.8	9.3	13.9
100	8.9	7.1	10.7

Instrument :
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ClientSampleId :
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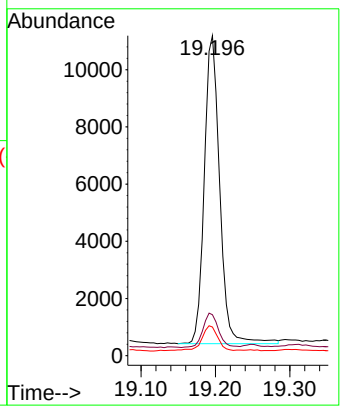

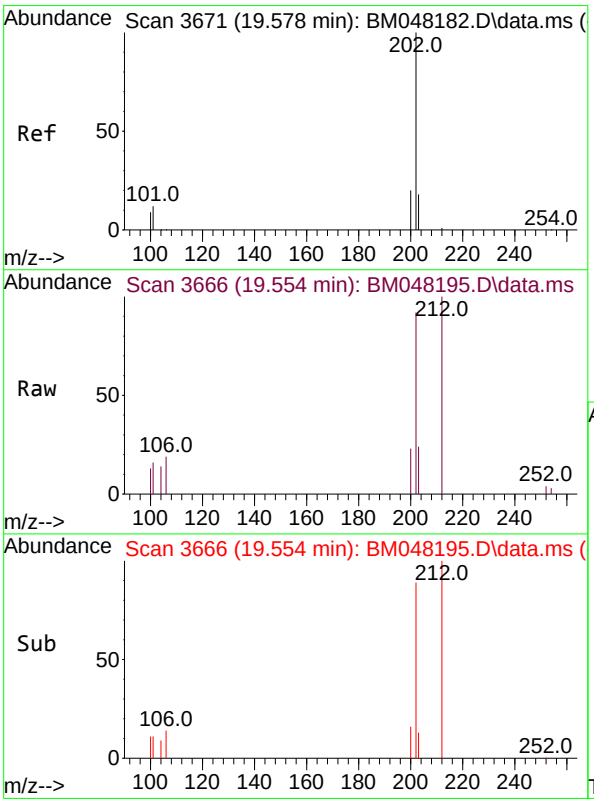

#20
Pyrene
Concen: 0.123 ng/ul
RT: 19.554 min Scan# 3666
Delta R.T. -0.024 min
Lab File: BM048195.D
Acq: 22 Oct 2024 16:35

Tgt Ion:202 Resp: 9086

Ion	Ratio	Lower	Upper
202	100		
101	16.9	10.6	16.0#
100	13.8	8.1	12.1#