Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043131.D
Acq On : 01 Dec 2023 20:21
Operator : MA/JU
Sample : 05452-02
Misc :
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Dec 02 00:07:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 02 00:03:38 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AJ0

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.801	152	963	0.400	ng/ul	#-0.03
4) Naphthalene-d8	10.601	136	2530	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.442	164	1704	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.196	188	3510m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.391	240	2862m	0.400	ng/ul	-0.01
23) Perylene-d12	23.735	264	4396m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.156	96	3435	2.325	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.190	152	902	0.266	ng/ul	-0.03
18) Fluoranthene-d10	19.230	212	2726	0.261	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.651	128	327	0.048	ng/ul#	70
8) 1-Methylnaphthalene	12.482	142	697	0.154	ng/ul	95
10) Acenaphthylene	14.169	152	15021	1.727	ng/ul	93
11) Acenaphthene	14.507	153	1279203	194.144	ng/ul	96
12) Fluorene	15.492	166	198754	29.376	ng/ul#	98
15) Phenanthrene	17.238	178	8342m	0.833	ng/ul	
19) Fluoranthene	19.258	202	164334	10.128	ng/ul#	92
20) Pyrene	19.625	202	89018	5.159	ng/ul#	93
21) Benzo(a)anthracene	21.374	228	3267	0.352	ng/ul	95
22) Chrysene	21.426	228	1013m	0.059	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043131.D
Acq On : 01 Dec 2023 20:21
Operator : MA/JU
Sample : 05452-02
Misc :
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Dec 02 00:07:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
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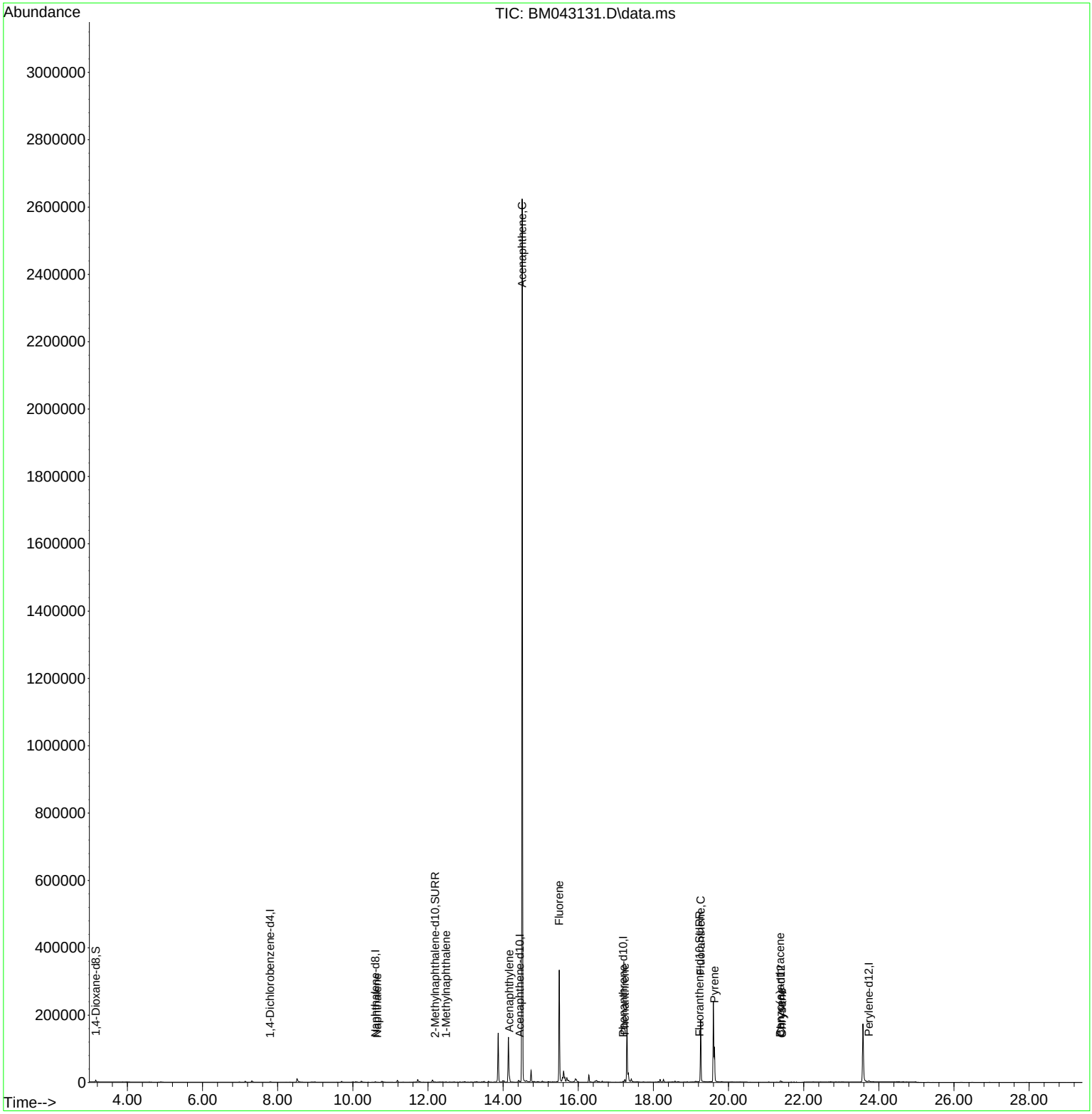
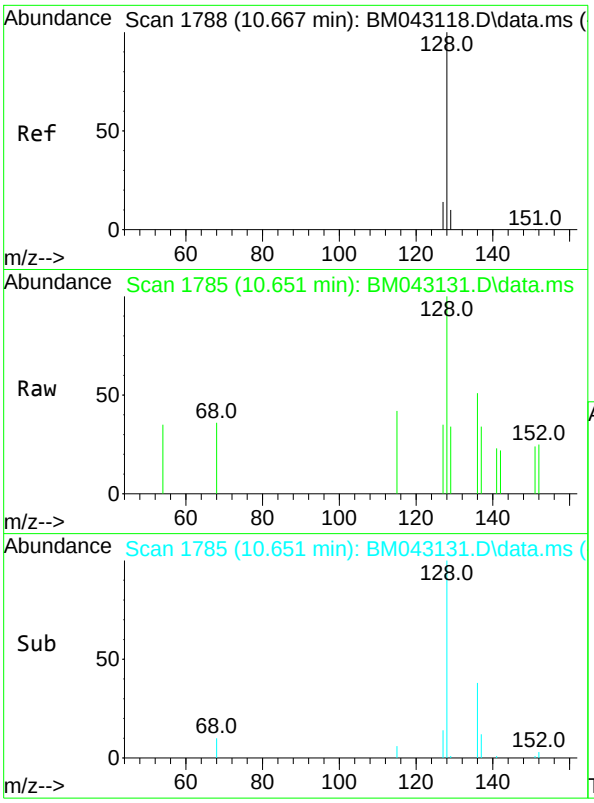
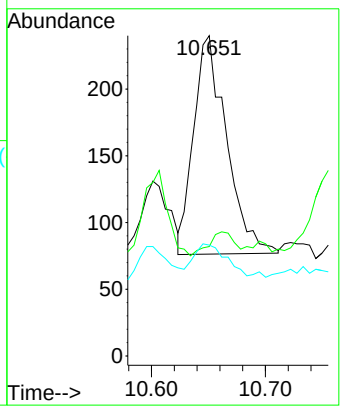




#5
Naphthalene
Concen: 0.048 ng/ul
RT: 10.651 min Scan# 1
Delta R.T. -0.016 min
Lab File: BM043131.D
Acq: 01 Dec 2023 20:21

Tgt Ion:128 Resp: 32

Ion	Ratio	Lower	Upper
128	100		
129	34.2	16.0	24.0#
127	34.6	16.5	24.7#



Instrument :
BNA_M
ClientSampleId :
C0AJ0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/04/2023
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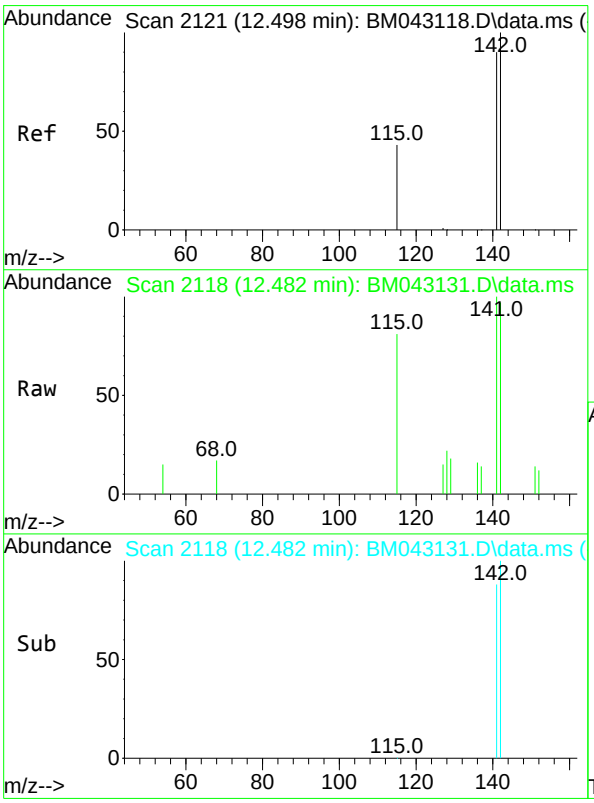
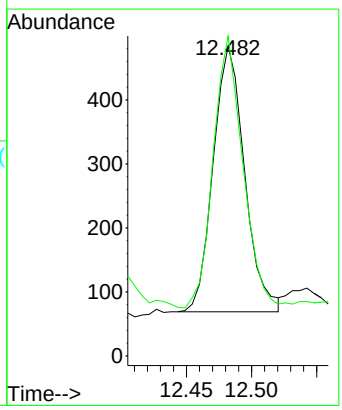
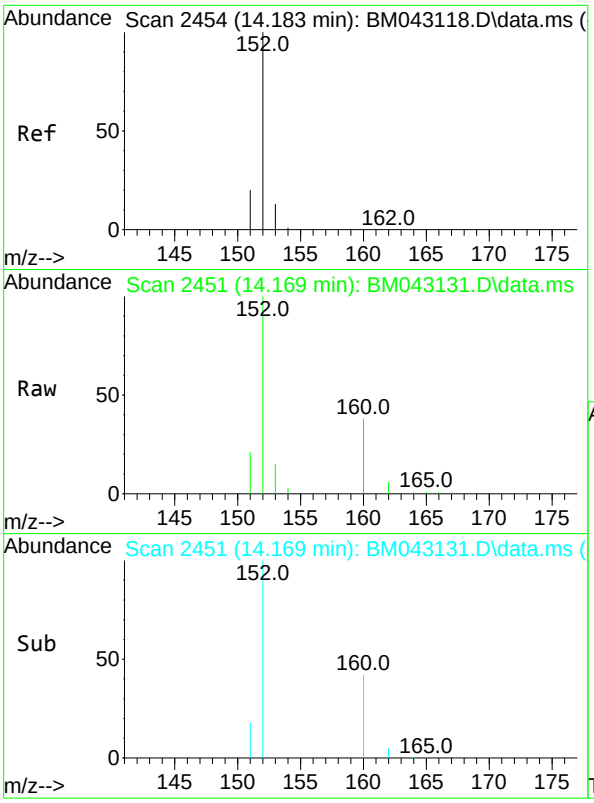


#8
1-Methylnaphthalene
Concen: 0.154 ng/ul
RT: 12.482 min Scan# 2118
Delta R.T. -0.016 min
Lab File: BM043131.D
Acq: 01 Dec 2023 20:21

Tgt Ion:142 Resp: 697

Ion	Ratio	Lower	Upper
142	100		
141	96.7	73.8	110.8

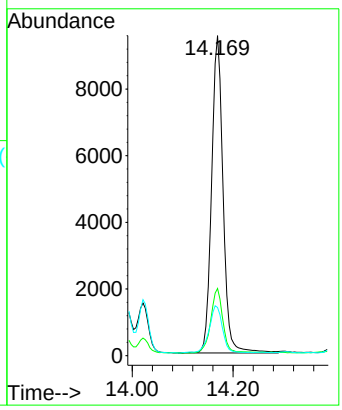




#10
Acenaphthylene
Concen: 1.727 ng/ul
RT: 14.169 min Scan# 24
Delta R.T. -0.014 min
Lab File: BM043131.D
Acq: 01 Dec 2023 20:21

Tgt Ion:152 Resp: 1502

Ion	Ratio	Lower	Upper
152	100		
151	21.0	19.4	29.0
153	15.1	14.6	21.8



Instrument :
BNA_M
ClientSampleId :
C0AJ0

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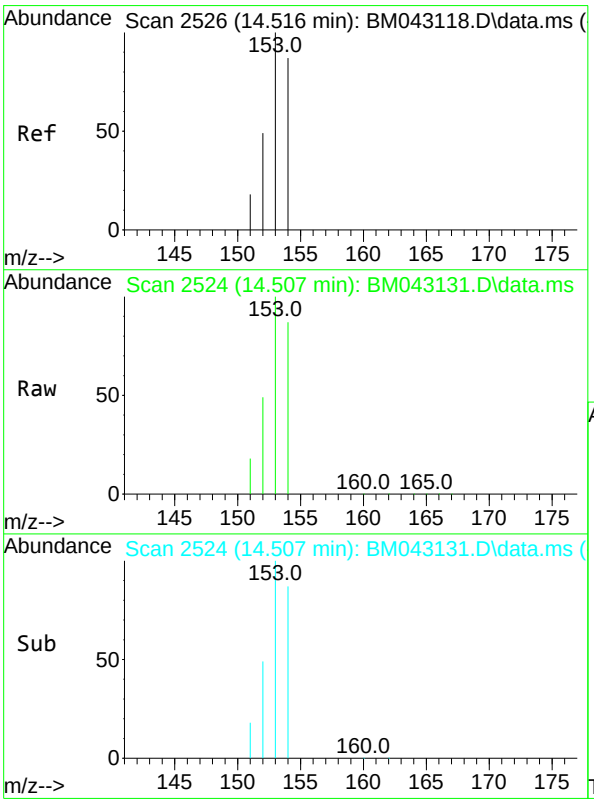
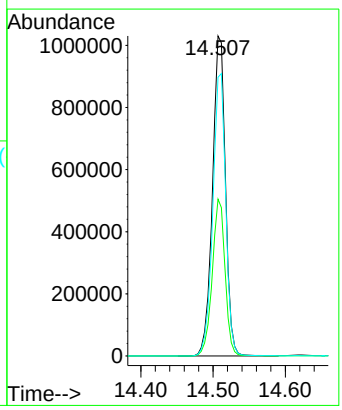
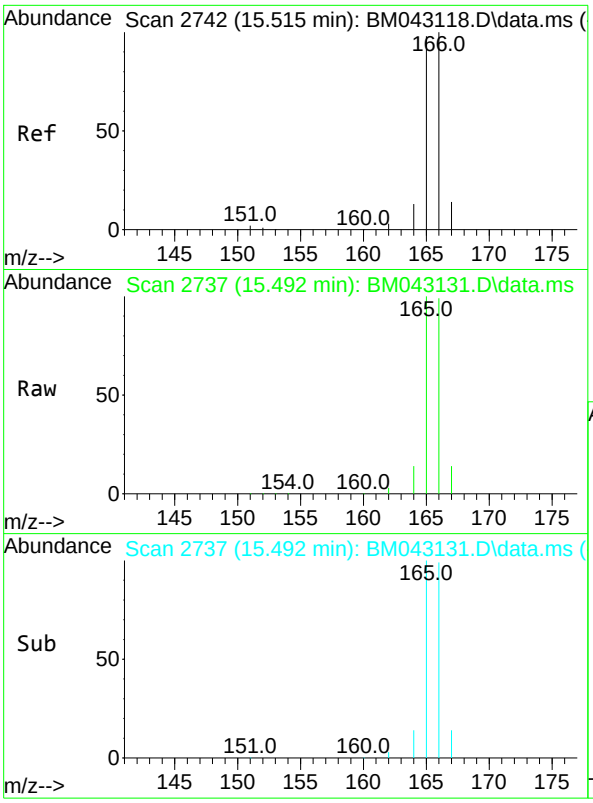


#11
Acenaphthene
Concen: 194.144 ng/ul
RT: 14.507 min Scan# 2524
Delta R.T. -0.009 min
Lab File: BM043131.D
Acq: 01 Dec 2023 20:21

Tgt Ion:153 Resp: 1279203

Ion	Ratio	Lower	Upper
153	100		
152	49.0	43.9	65.9
154	87.1	70.6	105.8

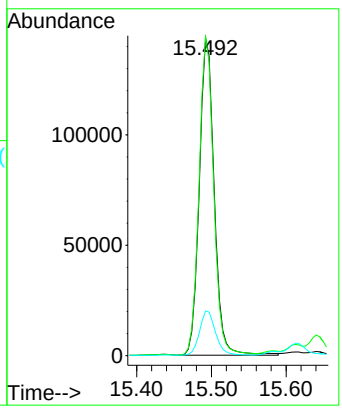




#12
Fluorene
Concen: 29.376 ng/ul
RT: 15.492 min Scan# 2
Delta R.T. -0.023 min
Lab File: BM043131.D
Acq: 01 Dec 2023 20:21

Tgt Ion:166 Resp: 19875

Ion	Ratio	Lower	Upper
166	100		
165	100.7	79.9	119.9
167	14.1	14.2	21.4#



Instrument :
BNA_M
ClientSampleId :
C0AJ0

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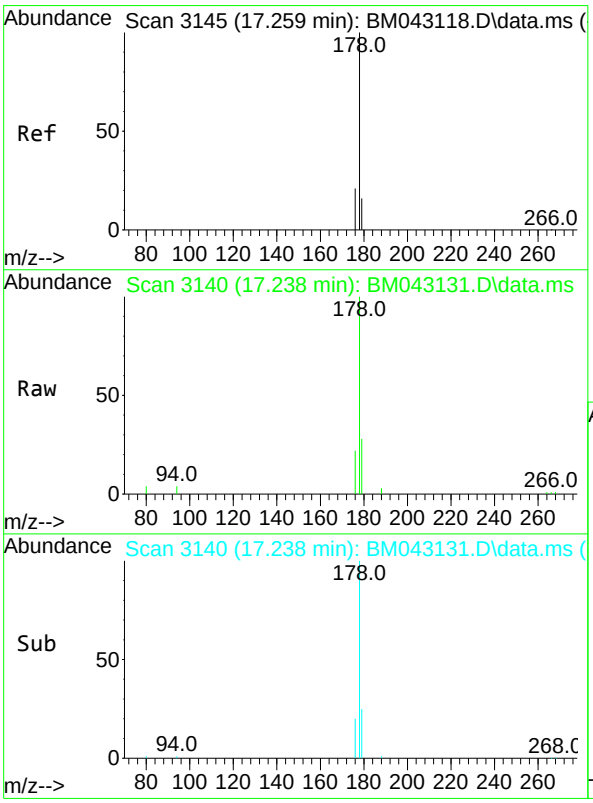
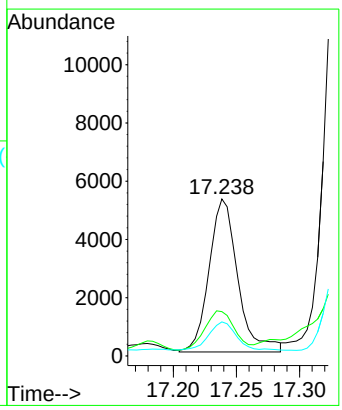
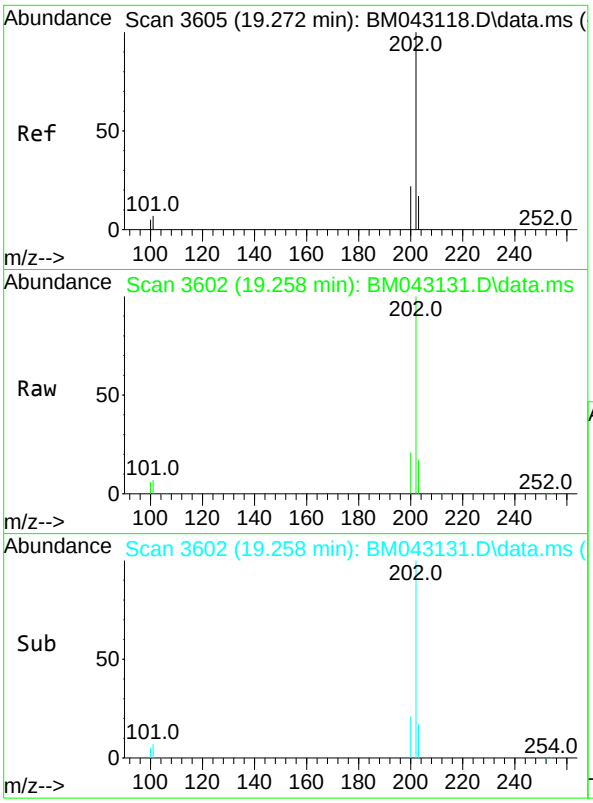


#15
Phenanthrene
Concen: 0.833 ng/ul m
RT: 17.238 min Scan# 3140
Delta R.T. -0.021 min
Lab File: BM043131.D
Acq: 01 Dec 2023 20:21

Tgt Ion:178 Resp: 8342

Ion	Ratio	Lower	Upper
178	100		
179	28.2	15.7	23.5#
176	21.7	18.9	28.3





#19
Fluoranthene
Concen: 10.128 ng/ul
RT: 19.258 min Scan# 3
Delta R.T. -0.014 min
Lab File: BM043131.D
Acq: 01 Dec 2023 20:21

Tgt Ion:202 Resp: 16433

Ion	Ratio	Lower	Upper
202	100		
101	6.9	7.8	11.8#
100	5.6	7.1	10.7#

Instrument :
BNA_M
ClientSampleId :
C0AJ0

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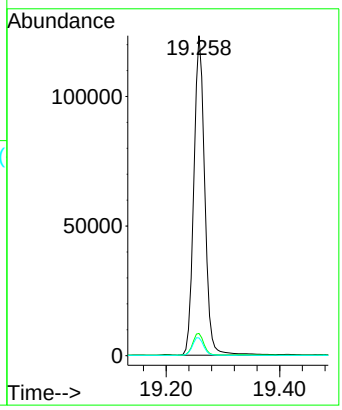
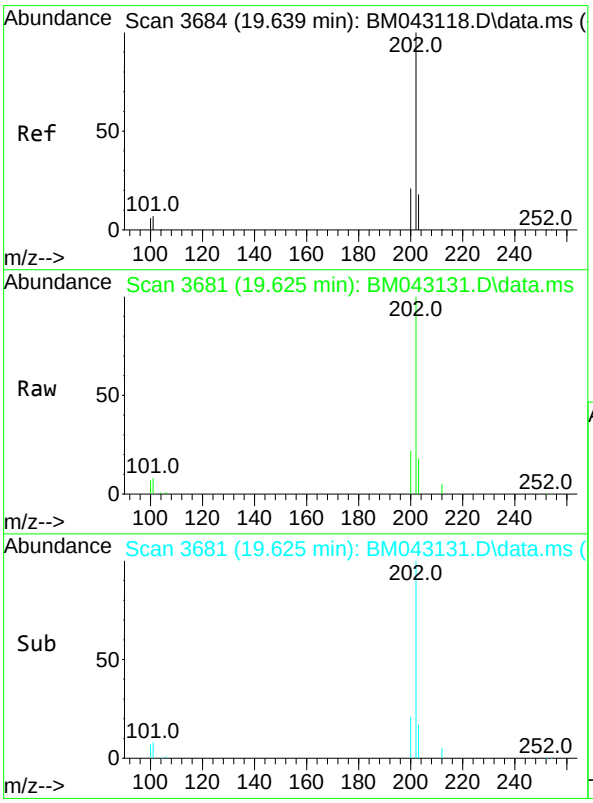
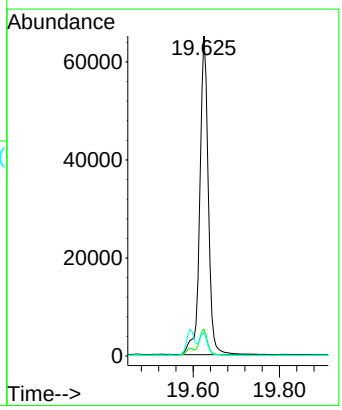


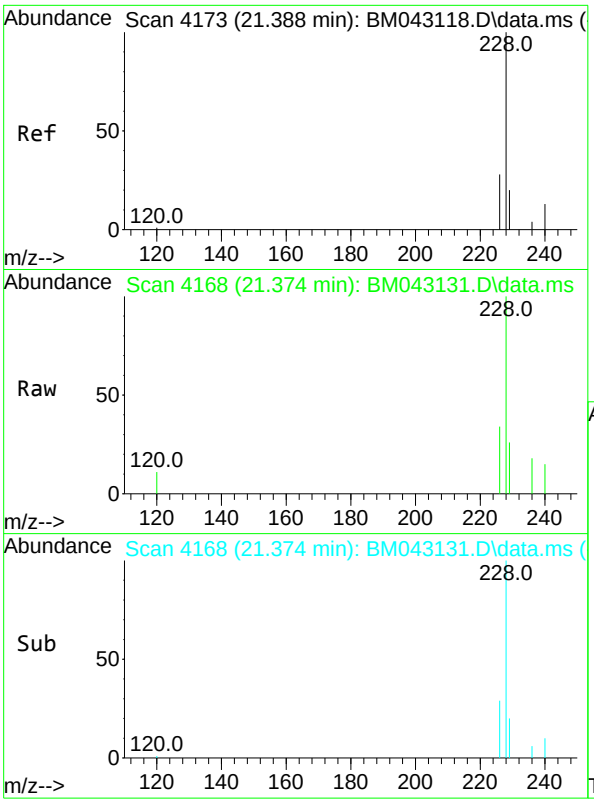


#20
Pyrene
Concen: 5.159 ng/ul
RT: 19.625 min Scan# 3681
Delta R.T. -0.014 min
Lab File: BM043131.D
Acq: 01 Dec 2023 20:21

Tgt Ion:202 Resp: 89018

Ion	Ratio	Lower	Upper
202	100		
101	8.4	8.7	13.1#
100	7.2	7.8	11.8#

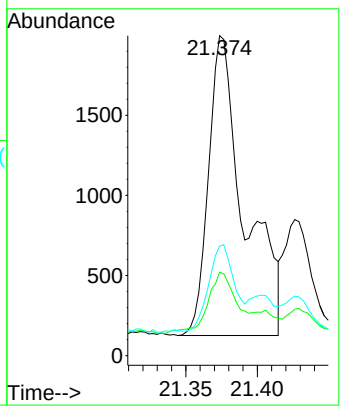




#21
Benzo(a)anthracene
Concen: 0.352 ng/ul
RT: 21.374 min Scan# 4
Delta R.T. -0.014 min
Lab File: BM043131.D
Acq: 01 Dec 2023 20:21

Tgt Ion:228 Resp: 326

Ion	Ratio	Lower	Upper
228	100		
229	26.1	19.4	29.0
226	34.3	24.9	37.3



Instrument :
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ClientSampleId :
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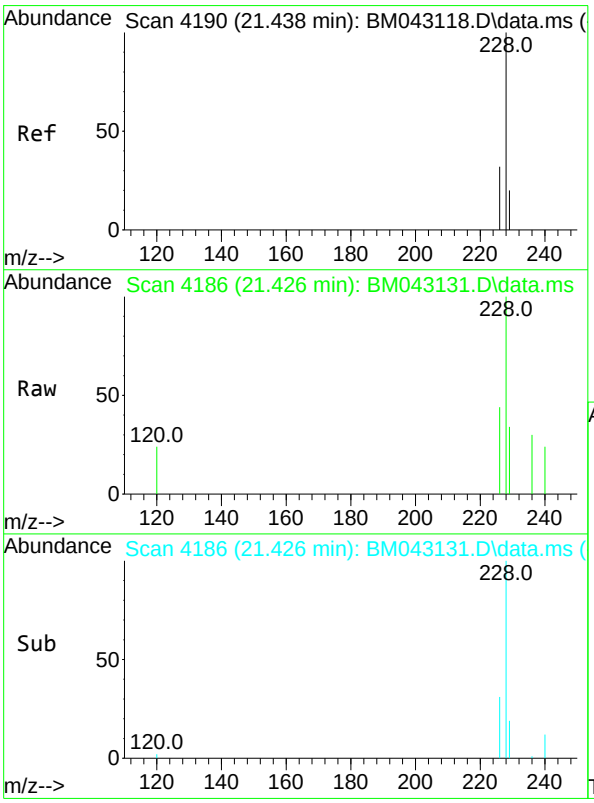

#22
Chrysene
Concen: 0.059 ng/ul m
RT: 21.426 min Scan# 4186
Delta R.T. -0.012 min
Lab File: BM043131.D
Acq: 01 Dec 2023 20:21

Tgt Ion:228 Resp: 1013

Ion	Ratio	Lower	Upper
228	100		
226	43.6	27.2	40.8#
229	34.2	18.0	27.0#