Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043104.D
Acq On : 01 Dec 2023 03:19
Operator : MA/JU
Sample : 05459-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ1

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023

Quant Time: Dec 01 04:18:56 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 : Fri Dec 01 00:42:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	1017m	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.601	136	2891	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.447	164	1685m	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.205	188	3518m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.403	240	2256m	0.400	ng/ul	0.00
23) Perylene-d12	23.750	264	3112m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.155	96	4265	2.733	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.212	152	1257	0.325	ng/ul	-0.02
18) Fluoranthene-d10	19.235	212	2930	0.356	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.651	128	2491	0.317	ng/ul#	92
7) 2-Methylnaphthalene	12.284	142	2122	0.458	ng/ul	95
8) 1-Methylnaphthalene	12.498	142	1399	0.271	ng/ul	96
15) Phenanthrene	17.243	178	8119	0.809	ng/ul	95
16) Anthracene	17.335	178	929	0.098	ng/ul#	79
19) Fluoranthene	19.267	202	2261	0.177	ng/ul	98
20) Pyrene	19.630	202	2991m	0.220	ng/ul	
21) Benzo(a)anthracene	21.388	228	735	0.100	ng/ul#	80
22) Chrysene	21.441	228	578	0.042	ng/ul#	80

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

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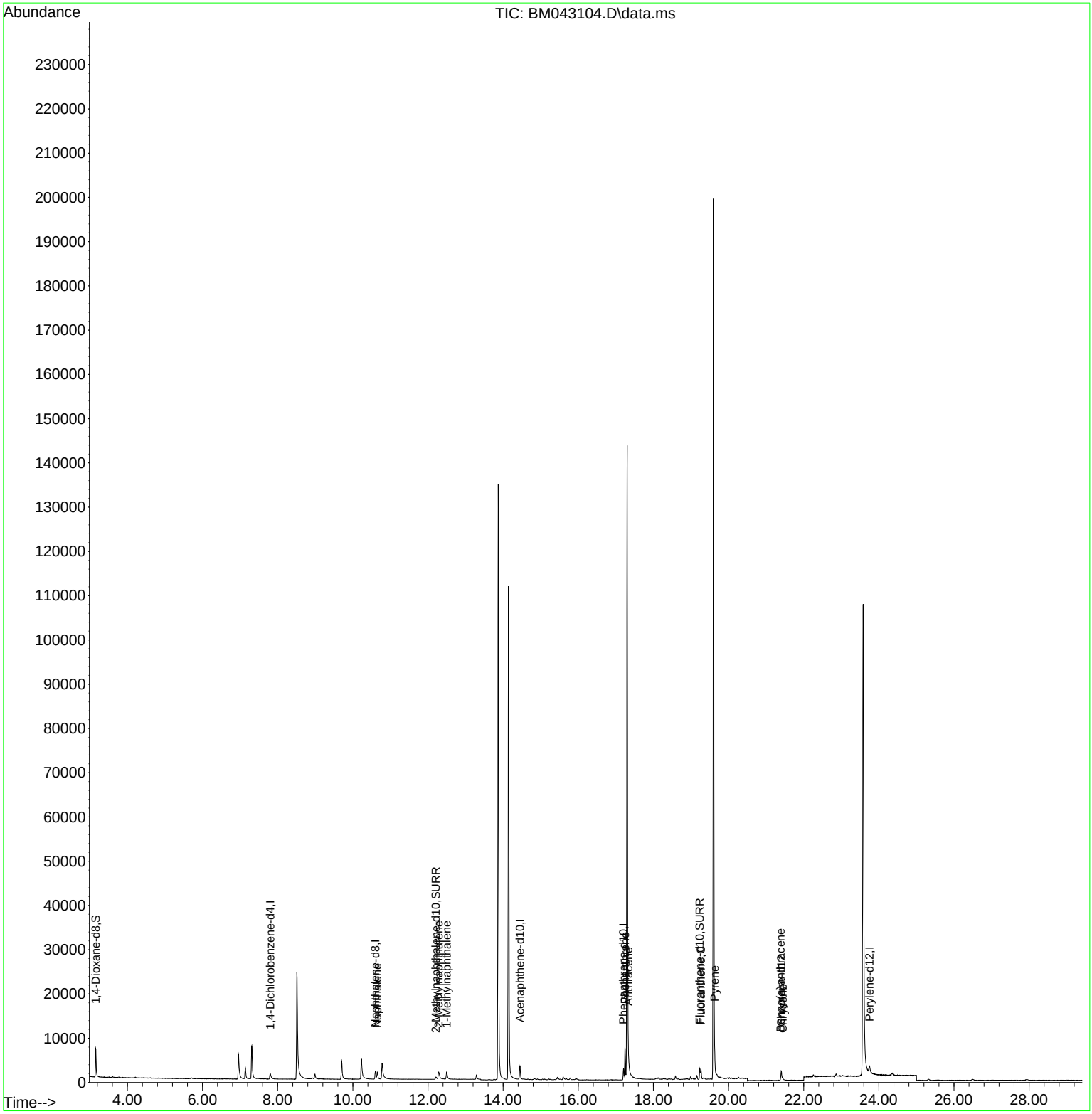
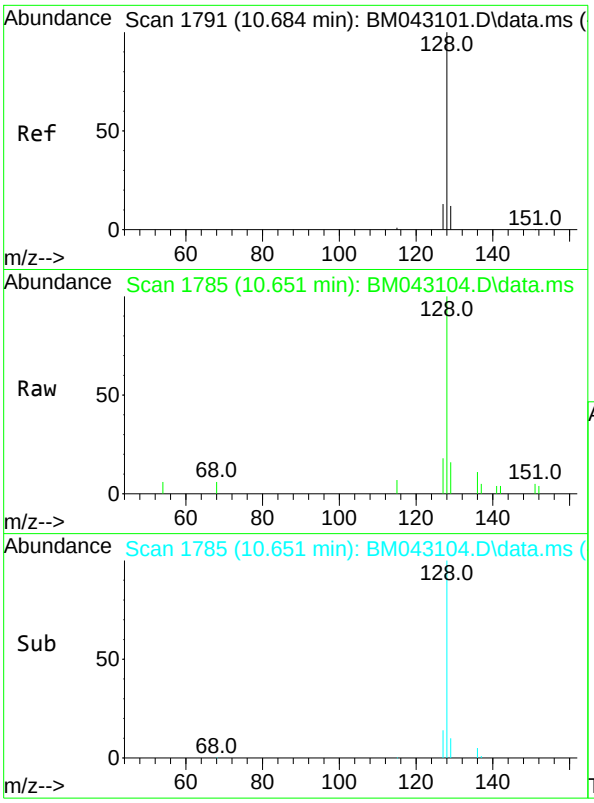
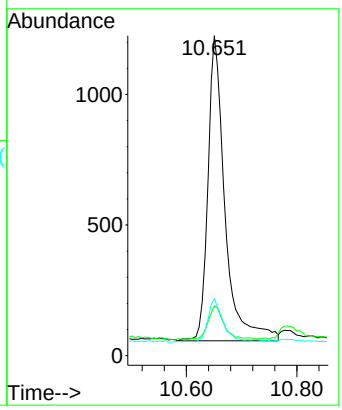




#5
Naphthalene
Concen: 0.317 ng/ul
RT: 10.651 min Scan# 1
Delta R.T. -0.038 min
Lab File: BM043104.D
Acq: 01 Dec 2023 03:19

Tgt Ion:128 Resp: 249

Ion	Ratio	Lower	Upper
128	100		
129	15.6	16.0	24.0#
127	17.8	16.5	24.7



Instrument :
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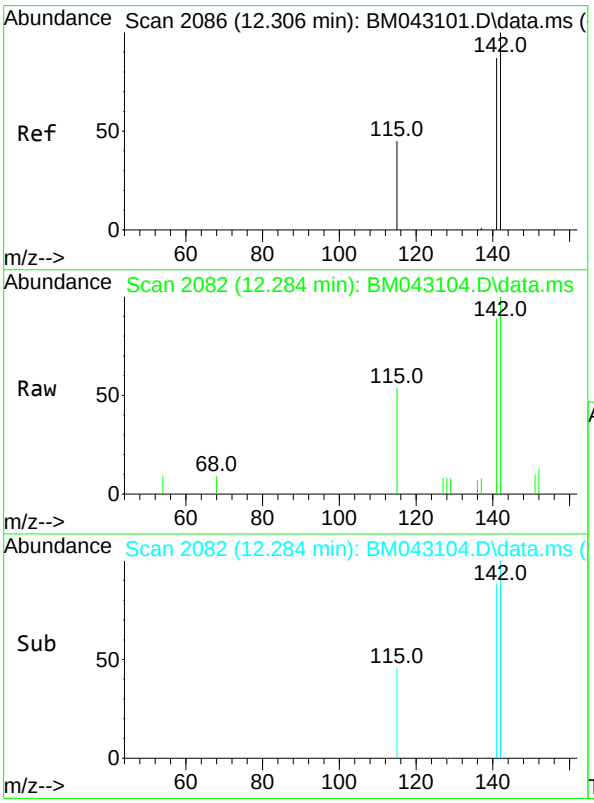
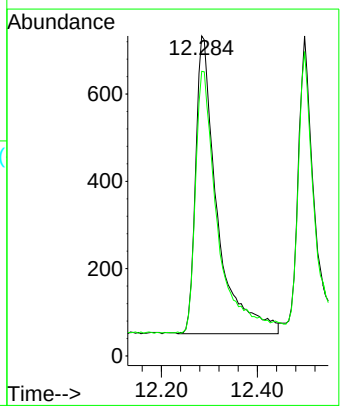
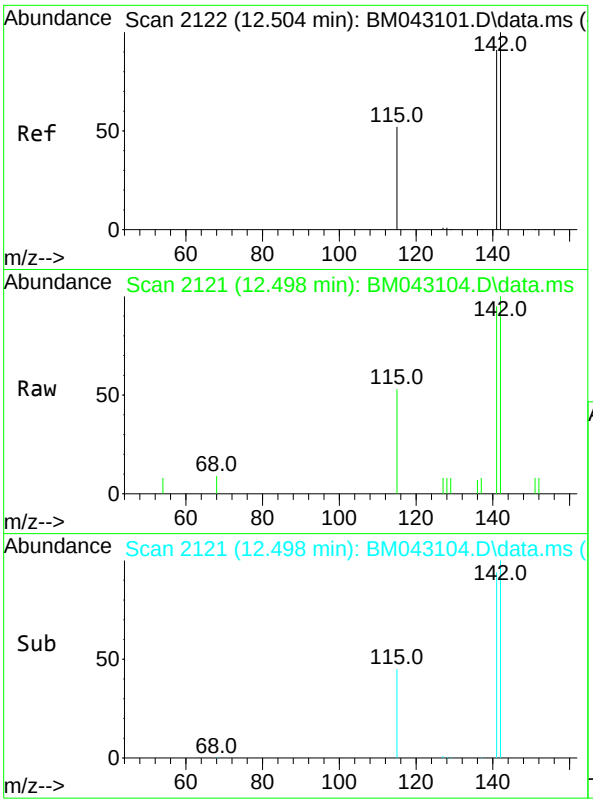


#7
2-Methylnaphthalene
Concen: 0.458 ng/ul
RT: 12.284 min Scan# 2082
Delta R.T. -0.027 min
Lab File: BM043104.D
Acq: 01 Dec 2023 03:19

Tgt Ion:142 Resp: 2122

Ion	Ratio	Lower	Upper
142	100		
141	90.6	76.1	114.1





#8
1-Methylnaphthalene
Concen: 0.271 ng/ul
RT: 12.498 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM043104.D
Acq: 01 Dec 2023 03:19

Tgt Ion:142 Resp: 139

Ion	Ratio	Lower	Upper
142	100		
141	96.4	73.8	110.8

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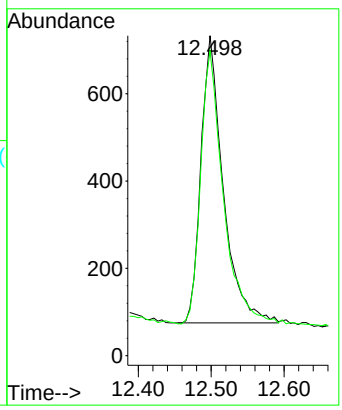
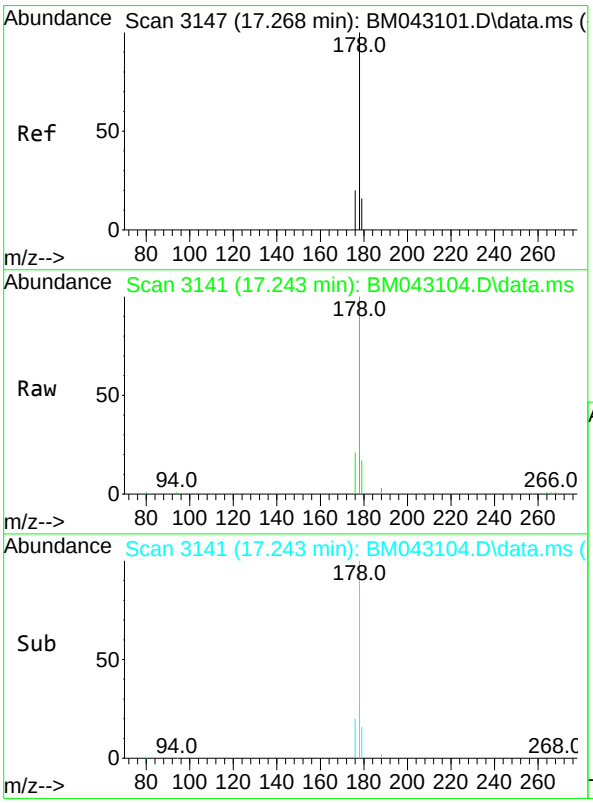
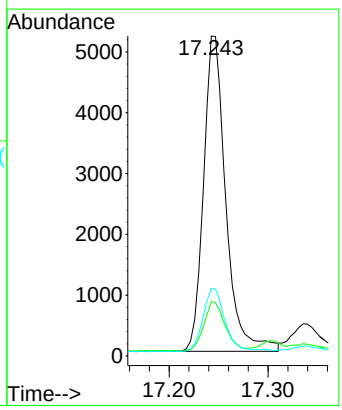


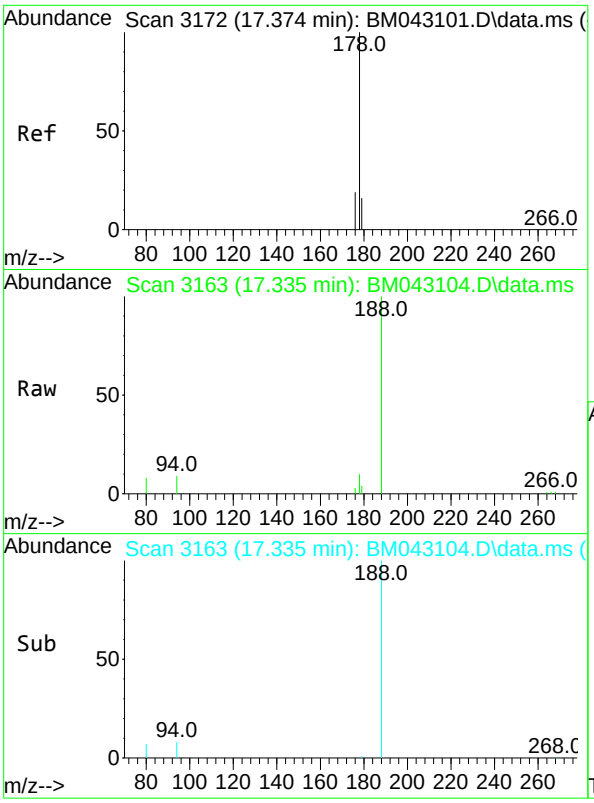


#15
Phenanthrene
Concen: 0.809 ng/ul
RT: 17.243 min Scan# 3141
Delta R.T. -0.029 min
Lab File: BM043104.D
Acq: 01 Dec 2023 03:19

Tgt Ion:178 Resp: 8119

Ion	Ratio	Lower	Upper
178	100		
179	17.0	15.7	23.5
176	21.1	18.9	28.3

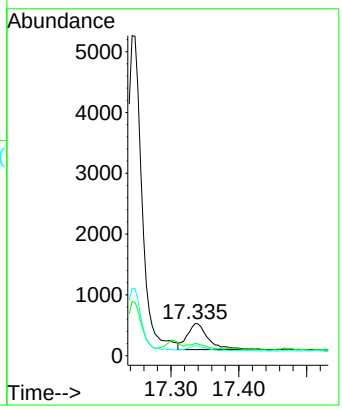




#16
Anthracene
Concen: 0.098 ng/ul
RT: 17.335 min Scan# 3
Delta R.T. -0.042 min
Lab File: BM043104.D
Acq: 01 Dec 2023 03:19

Tgt Ion:178 Resp: 92

Ion	Ratio	Lower	Upper
178	100		
179	38.1	17.3	25.9#
176	30.8	20.5	30.7#



Instrument :
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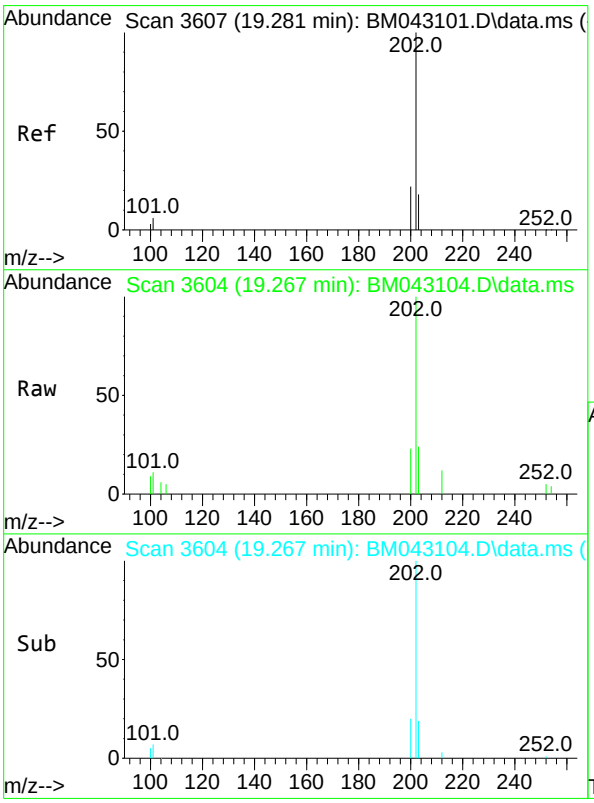
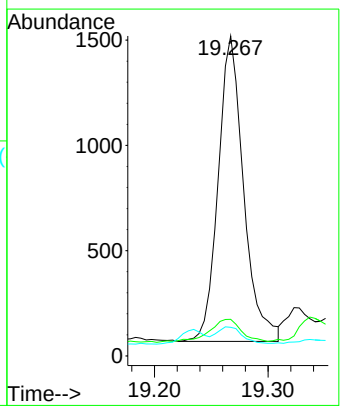
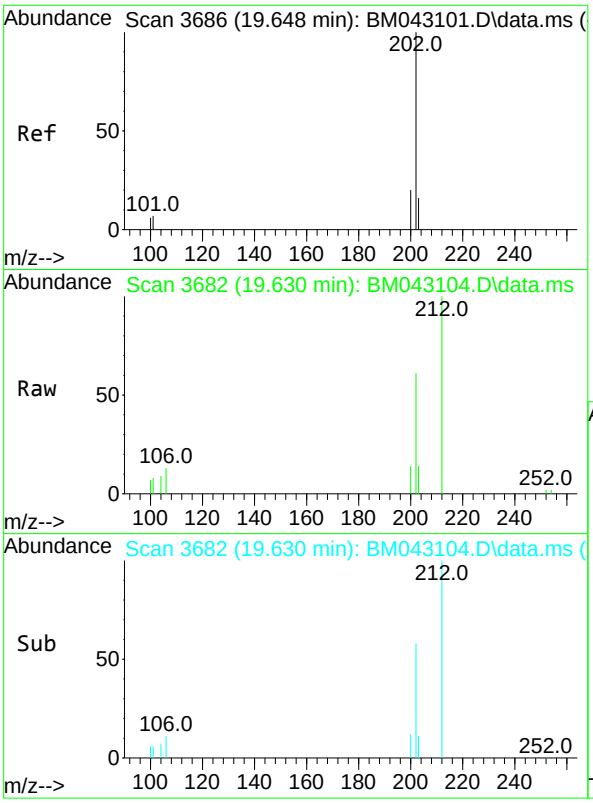


#19
Fluoranthene
Concen: 0.177 ng/ul
RT: 19.267 min Scan# 3604
Delta R.T. -0.014 min
Lab File: BM043104.D
Acq: 01 Dec 2023 03:19

Tgt Ion:202 Resp: 2261

Ion	Ratio	Lower	Upper
202	100		
101	11.4	7.8	11.8
100	8.9	7.1	10.7

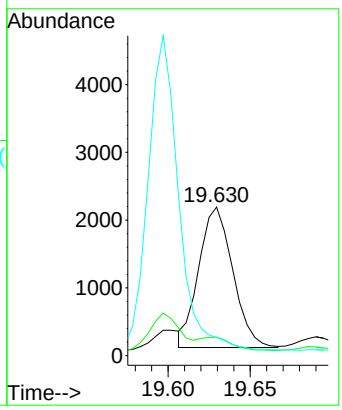




#20
Pyrene
Concen: 0.220 ng/ul m
RT: 19.630 min Scan# 3
Delta R.T. -0.018 min
Lab File: BM043104.D
Acq: 01 Dec 2023 03:19

Tgt Ion:202 Resp: 299

Ion	Ratio	Lower	Upper
202	100		
101	12.4	8.7	13.1
100	12.3	7.8	11.8#



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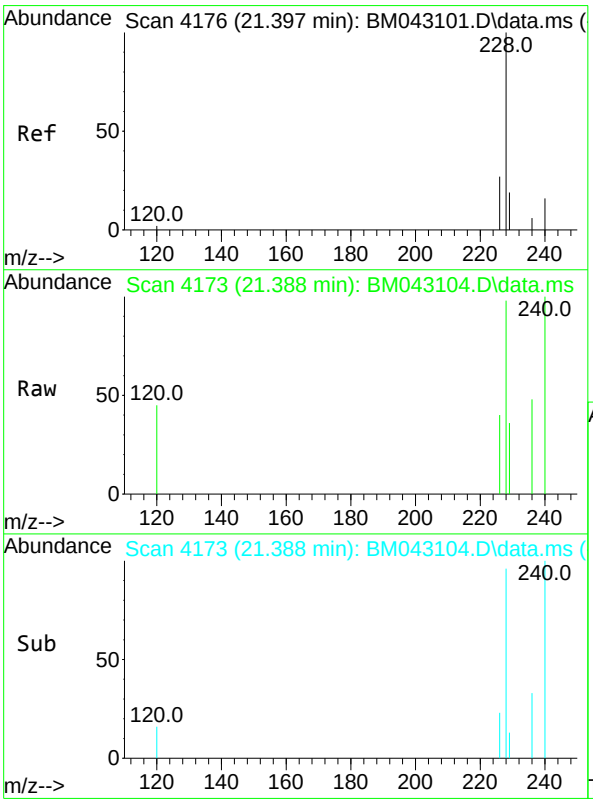
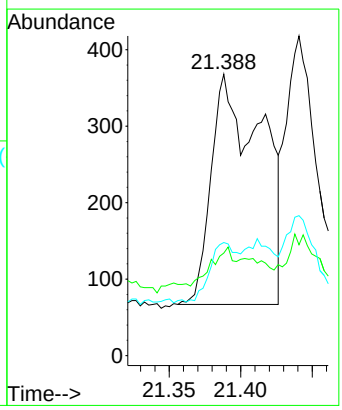
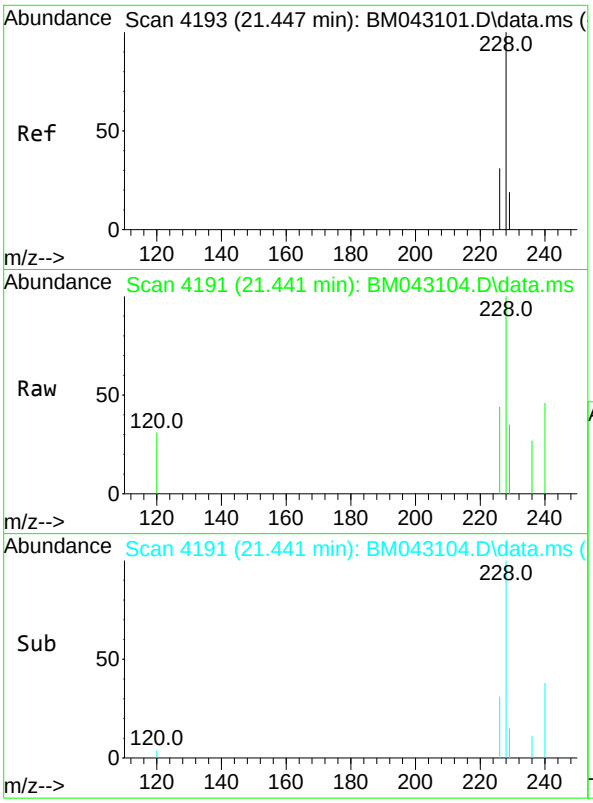


#21
Benzo(a)anthracene
Concen: 0.100 ng/ul
RT: 21.388 min Scan# 4173
Delta R.T. -0.011 min
Lab File: BM043104.D
Acq: 01 Dec 2023 03:19

Tgt Ion:228 Resp: 735

Ion	Ratio	Lower	Upper
228	100		
229	36.4	19.4	29.0#
226	40.2	24.9	37.3#

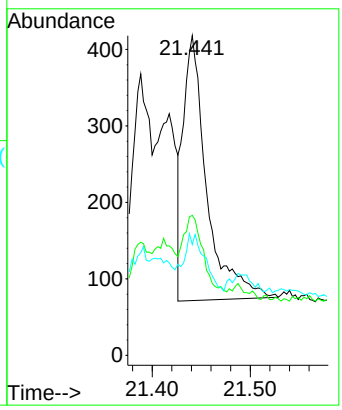




#22
Chrysene
Concen: 0.042 ng/ul
RT: 21.441 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM043104.D
Acq: 01 Dec 2023 03:19

Tgt Ion:228 Resp: 57

Ion	Ratio	Lower	Upper
228	100		
226	43.8	27.2	40.8#
229	34.7	18.0	27.0#



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