Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081121\
Data File : BM031664.D
Acq On : 11 Aug 2021 17:30
Operator : CG/JU
Sample : M3246-01DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AA6DL

Manual Integrations APPROVED
mohammad
8/12/2021 1:36:01 PM

Quant Time: Aug 11 18:03:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 11 16:24:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.573	152	1422	0.400	ng/ul	0.00
4) Naphthalene-d8	10.334	136	5312	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.205	164	2989	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.957	188	5526	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.156	240	4478	0.400	ng/ul	# 0.00
23) Perylene-d12	23.314	264	4479	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.186	96	1249	0.791	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.926	152	432	0.048	ng/ul	0.00
18) Fluoranthene-d10	18.993	212	829	0.055	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.383	128	13243	0.837	ng/ul	98
7) 2-Methylnaphthalene	12.002	142	11590	1.072	ng/ul	100
8) 1-Methylnaphthalene	12.227	142	8276	0.775	ng/ul	100
10) Acenaphthylene	13.927	152	1318	0.104	ng/ul#	86
11) Acenaphthene	14.269	153	357m	0.033	ng/ul	
12) Fluorene	15.263	166	382	0.031	ng/ul#	55
15) Phenanthrene	16.999	178	14626	0.834	ng/ul	99
16) Anthracene	17.089	178	2316	0.141	ng/ul#	90
19) Fluoranthene	19.024	202	9423	0.493	ng/ul#	93
20) Pyrene	19.386	202	24876	1.283	ng/ul#	95
21) Benzo(a)anthracene	21.140	228	6400	0.354	ng/ul#	50
22) Chrysene	21.193	228	9515	0.509	ng/ul#	78
24) Benzo(b)fluoranthene	22.675	252	11987m	0.594	ng/ul	
25) Benzo(k)fluoranthene	22.713	252	3884m	0.186	ng/ul	
26) Benzo(a)pyrene	23.220	252	7381	0.418	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	25.454	276	7337	0.321	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.456	278	1782	0.097	ng/ul#	2
29) Benzo(g,h,i)perylene	26.103	276	15604	0.801	ng/ul#	93

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081121\
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Sample : M3246-01DL 5X
Misc :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 11 16:24:11 2021
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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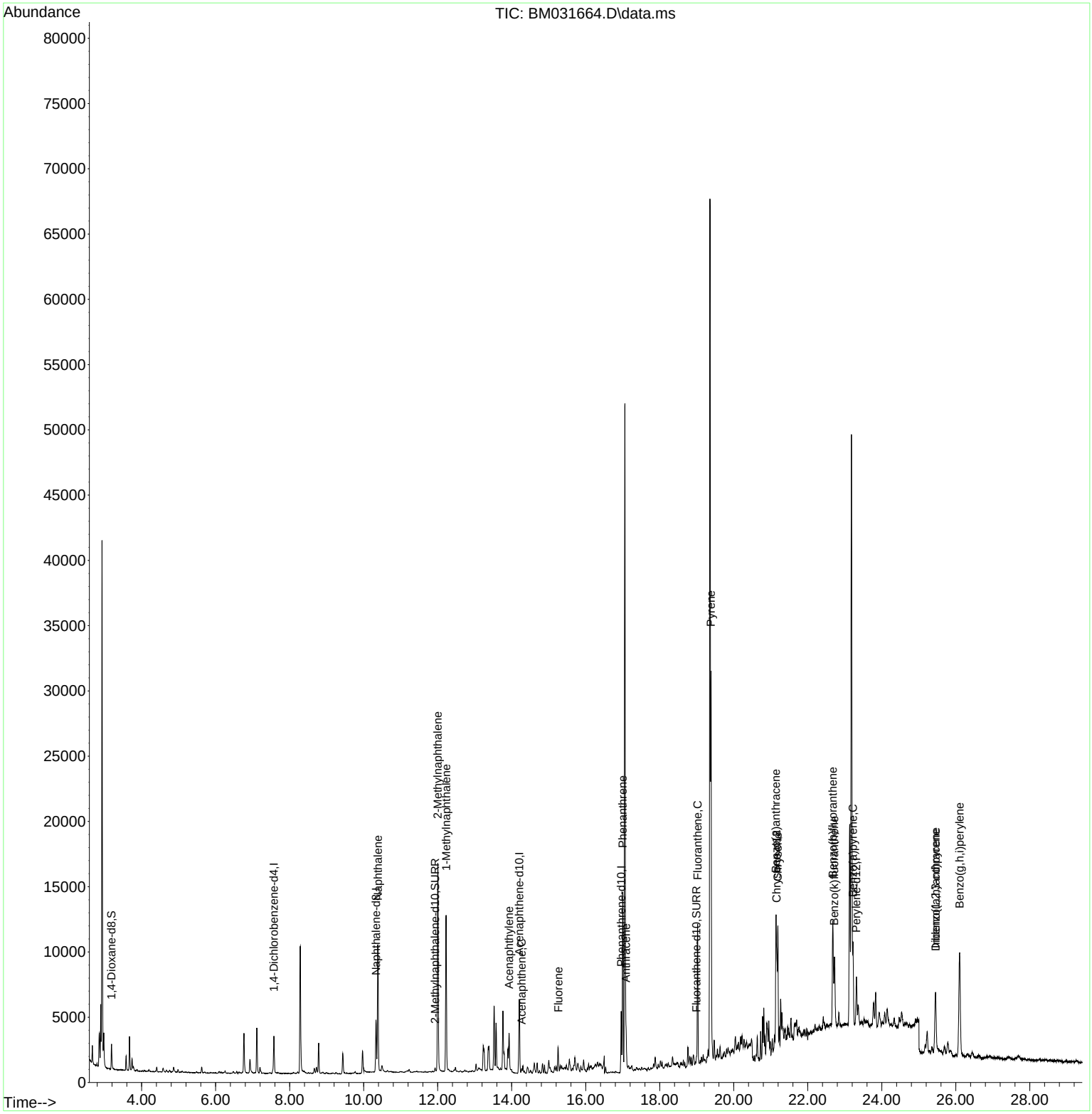
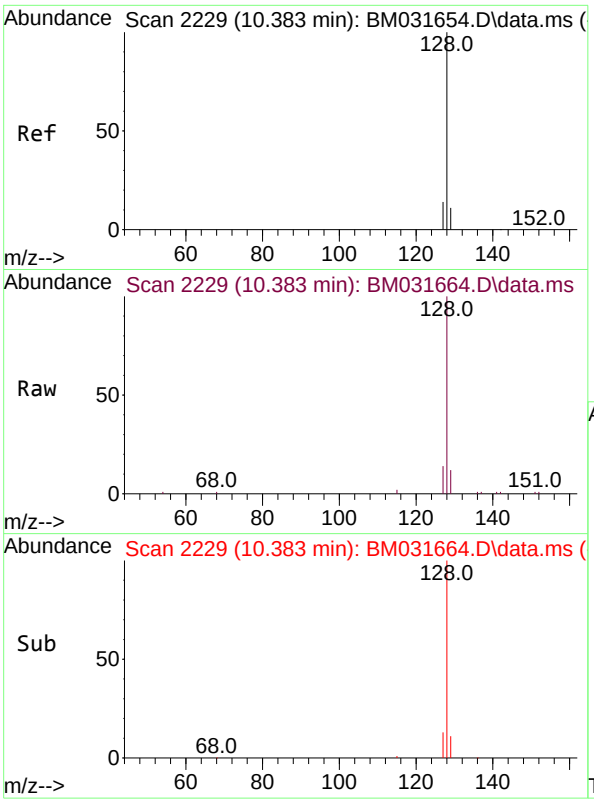
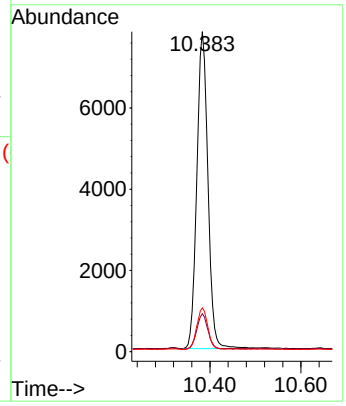




#5
Naphthalene
Concen: 0.837 ng/ul
RT: 10.383 min Scan# 2229
Delta R.T. 0.000 min
Lab File: BM031664.D
Acq: 11 Aug 2021 17:30

Tgt Ion:128 Resp: 13243

Ion	Ratio	Lower	Upper
128	100		
129	11.9	10.0	15.0
127	13.7	11.6	17.4



Instrument :
BNA_M
ClientSampleId :
C0AA6DL

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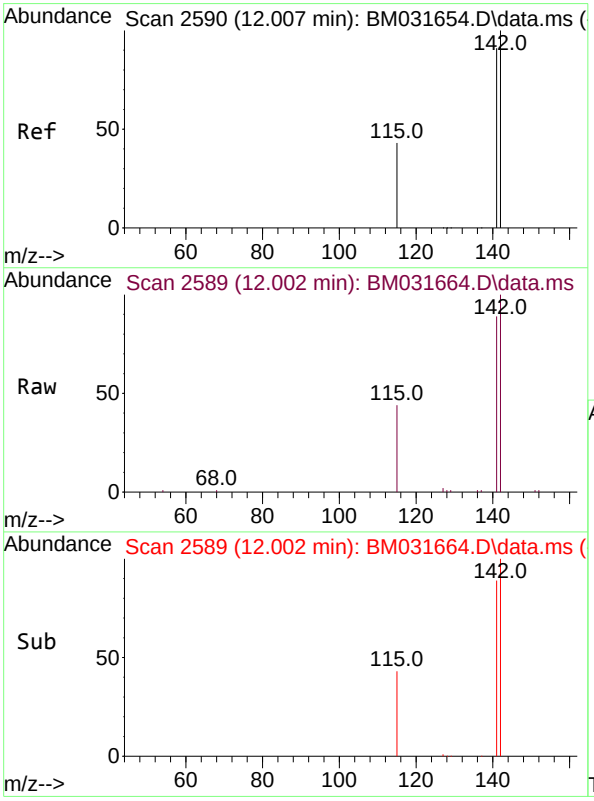
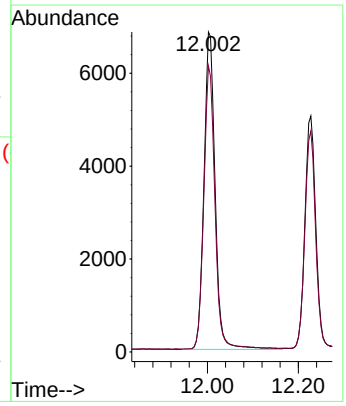
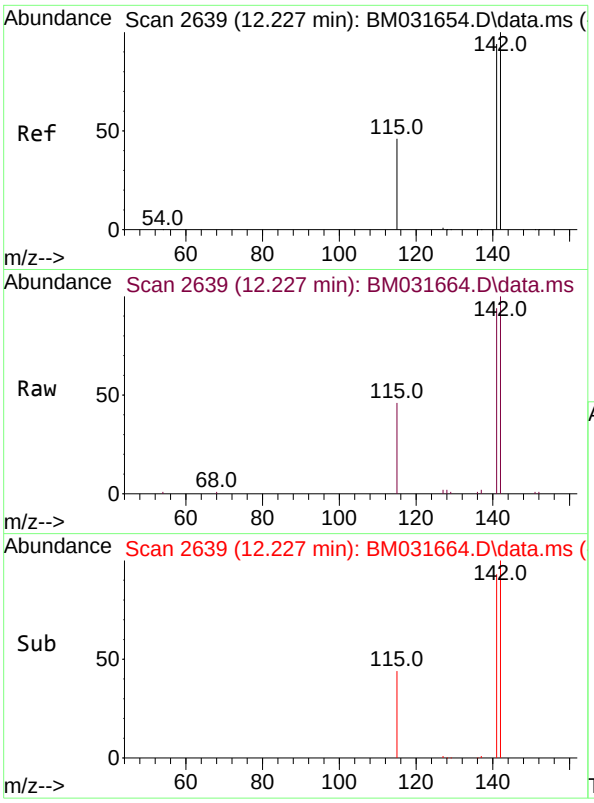


#7
2-Methylnaphthalene
Concen: 1.072 ng/ul
RT: 12.002 min Scan# 2589
Delta R.T. -0.004 min
Lab File: BM031664.D
Acq: 11 Aug 2021 17:30

Tgt Ion:142 Resp: 11590

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.4	107.0

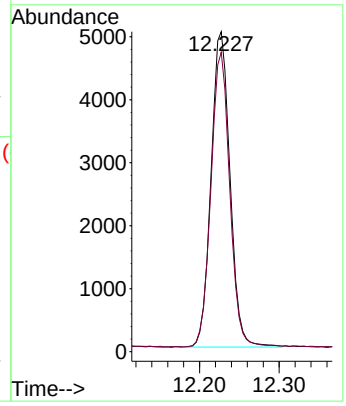




#8
1-Methylnaphthalene
Concen: 0.775 ng/ul
RT: 12.227 min Scan# 2639
Delta R.T. 0.000 min
Lab File: BM031664.D
Acq: 11 Aug 2021 17:30

Tgt Ion:142 Resp: 8276

Ion	Ratio	Lower	Upper
142	100		
141	92.7	74.1	111.1



Instrument :
BNA_M
ClientSampleId :
C0AA6DL

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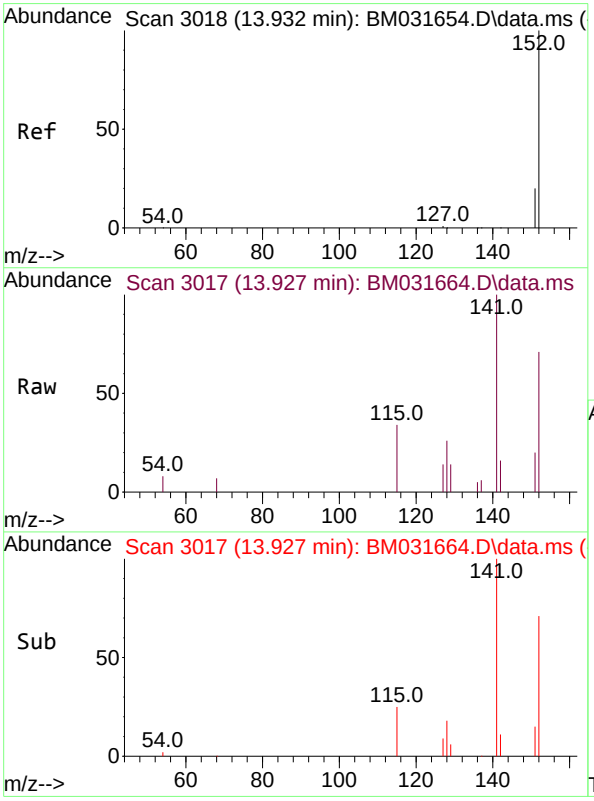
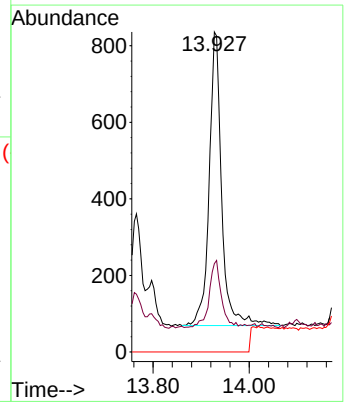
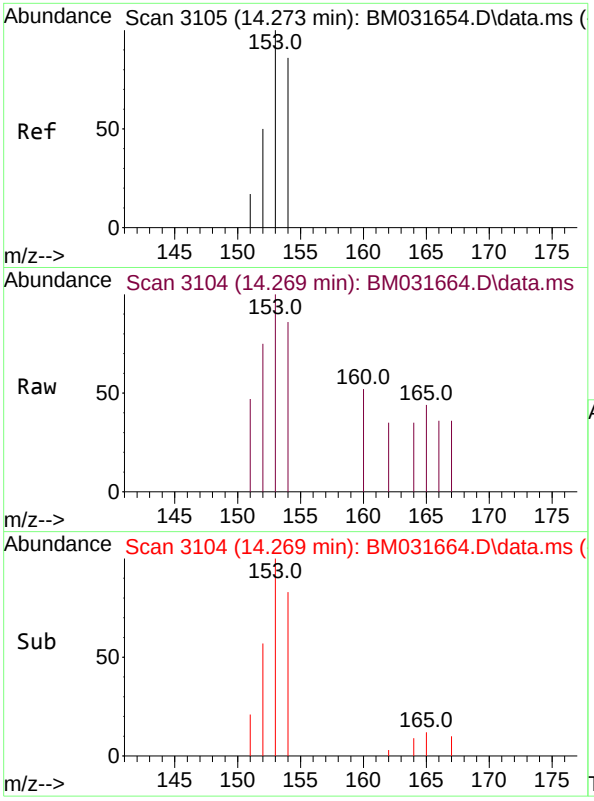


#10
Acenaphthylene
Concen: 0.104 ng/ul
RT: 13.927 min Scan# 3017
Delta R.T. -0.004 min
Lab File: BM031664.D
Acq: 11 Aug 2021 17:30

Tgt Ion:152 Resp: 1318

Ion	Ratio	Lower	Upper
152	100		
151	27.6	16.9	25.3#
153	0.0	0.0	0.0

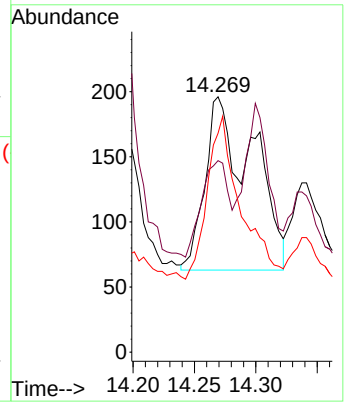




#11
Acenaphthene
Concen: 0.033 ng/ul m
RT: 14.269 min Scan# 3104
Delta R.T. -0.004 min
Lab File: BM031664.D
Acq: 11 Aug 2021 17:30

Tgt Ion:153 Resp: 357

Ion	Ratio	Lower	Upper
153	100		
152	75.0	40.7	61.1#
154	85.7	70.2	105.2



Instrument :
BNA_M
ClientSampleId :
C0AA6DL

Manual Integrations APPROVED
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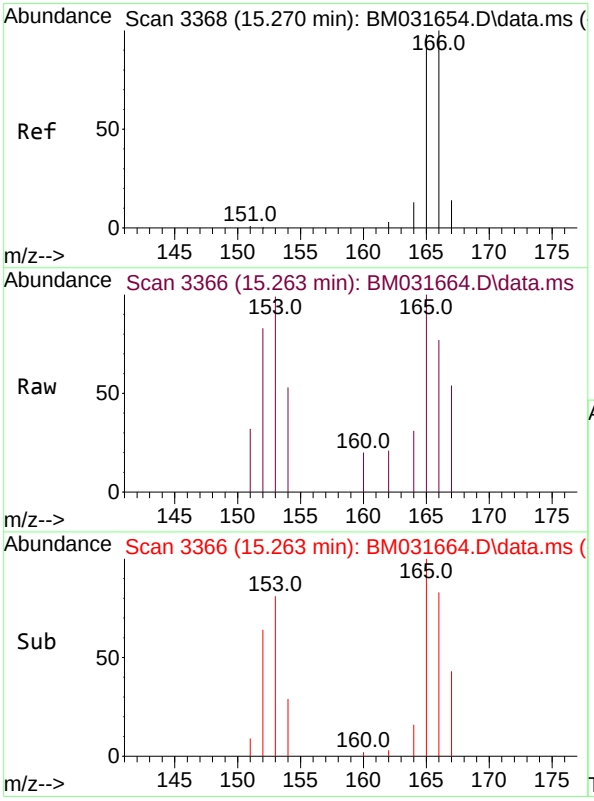
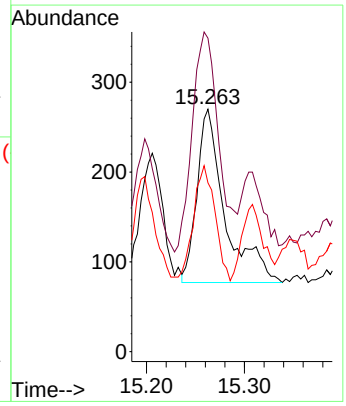
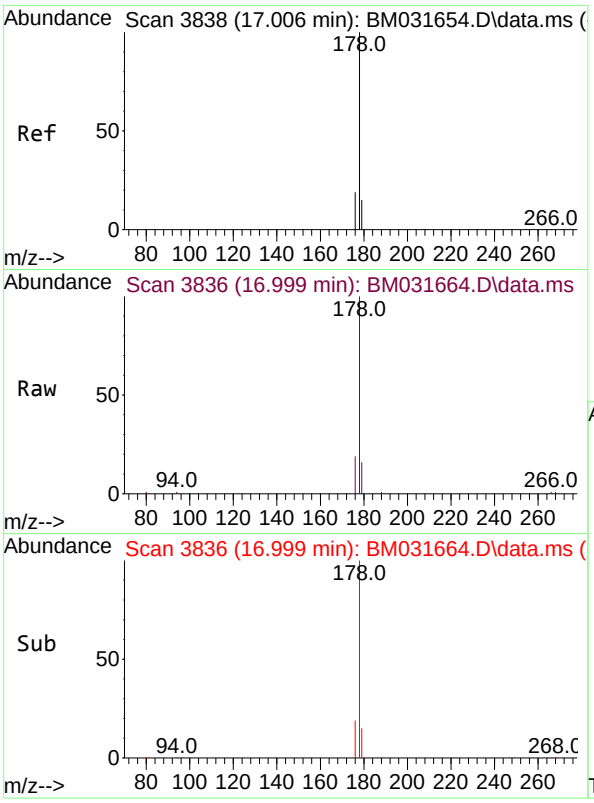


#12
Fluorene
Concen: 0.031 ng/ul
RT: 15.263 min Scan# 3366
Delta R.T. -0.007 min
Lab File: BM031664.D
Acq: 11 Aug 2021 17:30

Tgt Ion:166 Resp: 382

Ion	Ratio	Lower	Upper
166	100		
165	129.3	78.0	117.0#
167	69.6	12.0	18.0#

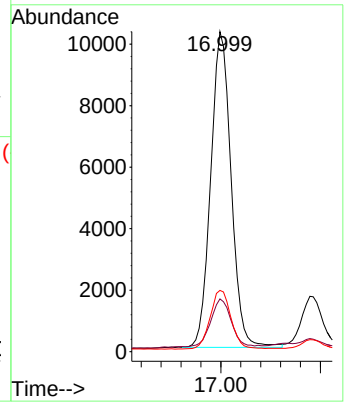




#15
Phenanthrene
Concen: 0.834 ng/ul
RT: 16.999 min Scan# 3836
Delta R.T. -0.007 min
Lab File: BM031664.D
Acq: 11 Aug 2021 17:30

Tgt Ion:178 Resp: 14626

Ion	Ratio	Lower	Upper
178	100		
179	16.5	13.3	19.9
176	19.1	16.2	24.4



Instrument :
BNA_M
ClientSampleId :
C0AA6DL

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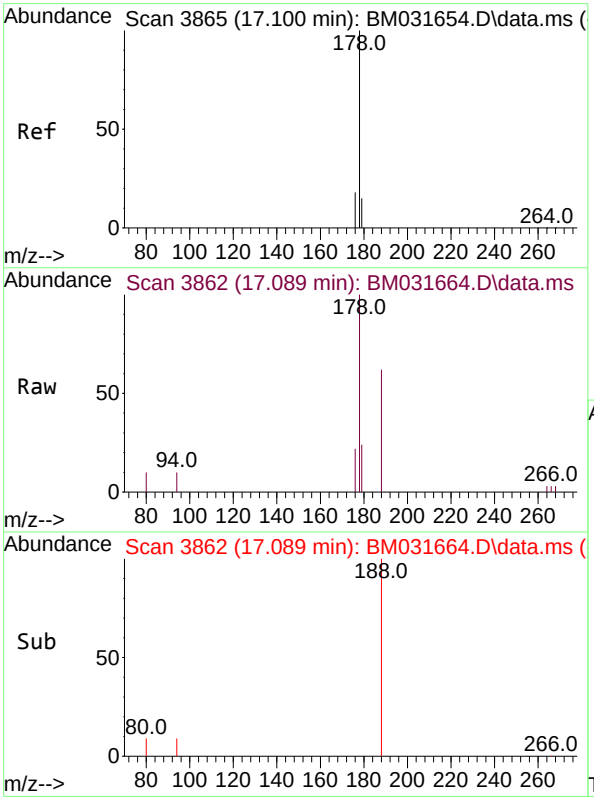
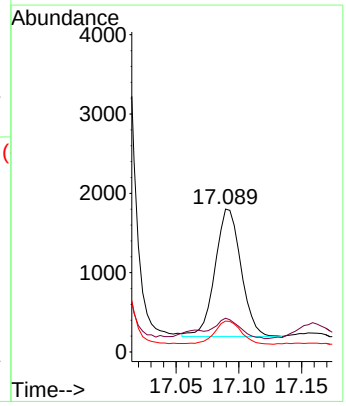
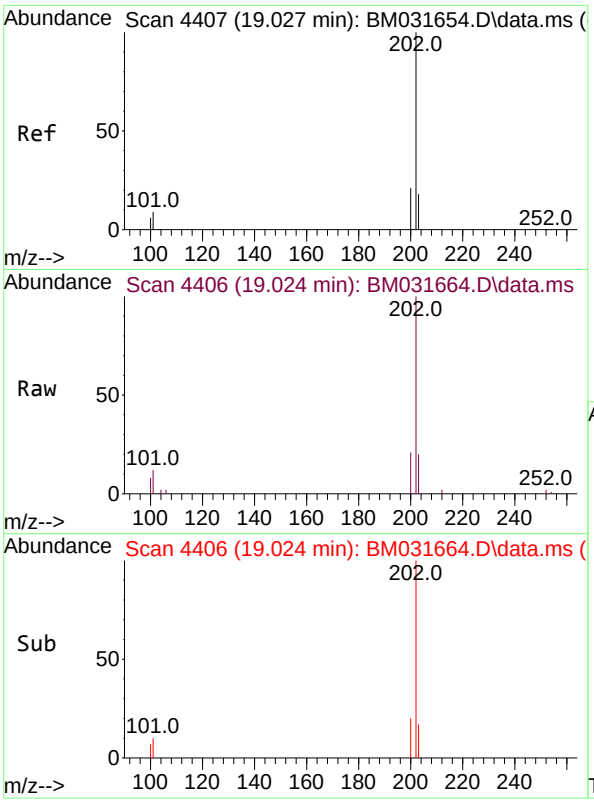


#16
Anthracene
Concen: 0.141 ng/ul
RT: 17.089 min Scan# 3862
Delta R.T. -0.010 min
Lab File: BM031664.D
Acq: 11 Aug 2021 17:30

Tgt Ion:178 Resp: 2316

Ion	Ratio	Lower	Upper
178	100		
179	23.6	13.0	19.6#
176	21.6	15.6	23.4

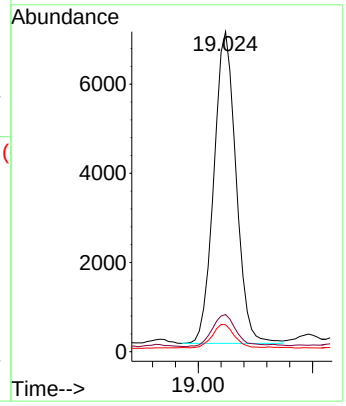


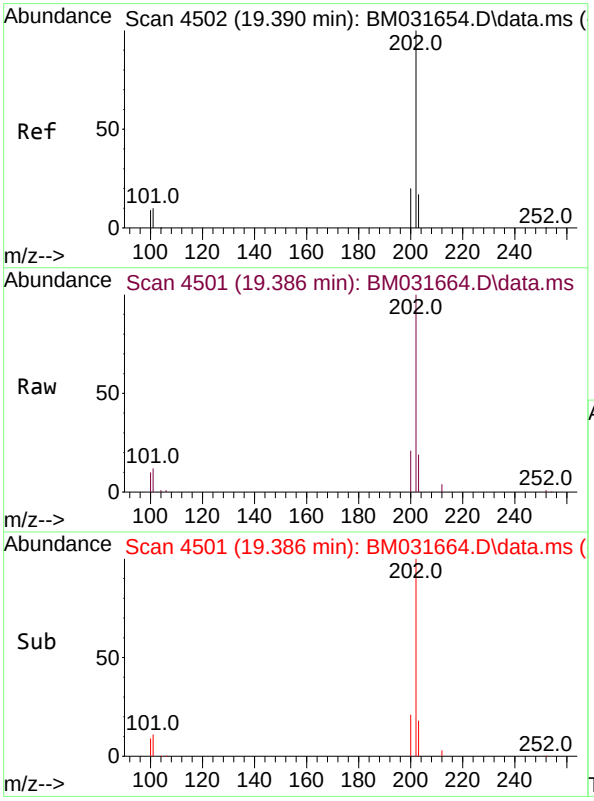


#19
Fluoranthene
Concen: 0.493 ng/ul
RT: 19.024 min Scan# 4406
Delta R.T. -0.004 min
Lab File: BM031664.D
Acq: 11 Aug 2021 17:30

Tgt Ion:202 Resp: 9423

Ion	Ratio	Lower	Upper
202	100		
101	11.6	6.6	10.0#
100	8.4	5.4	8.0#

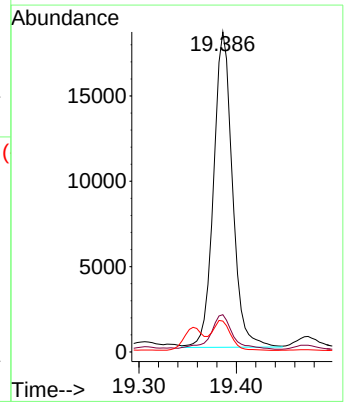




#20
Pyrene
Concen: 1.283 ng/ul
RT: 19.386 min Scan# 4501
Delta R.T. -0.004 min
Lab File: BM031664.D
Acq: 11 Aug 2021 17:30

Tgt Ion:202 Resp: 24876

Ion	Ratio	Lower	Upper
202	100		
101	11.7	7.8	11.6#
100	9.6	6.6	10.0



Instrument :
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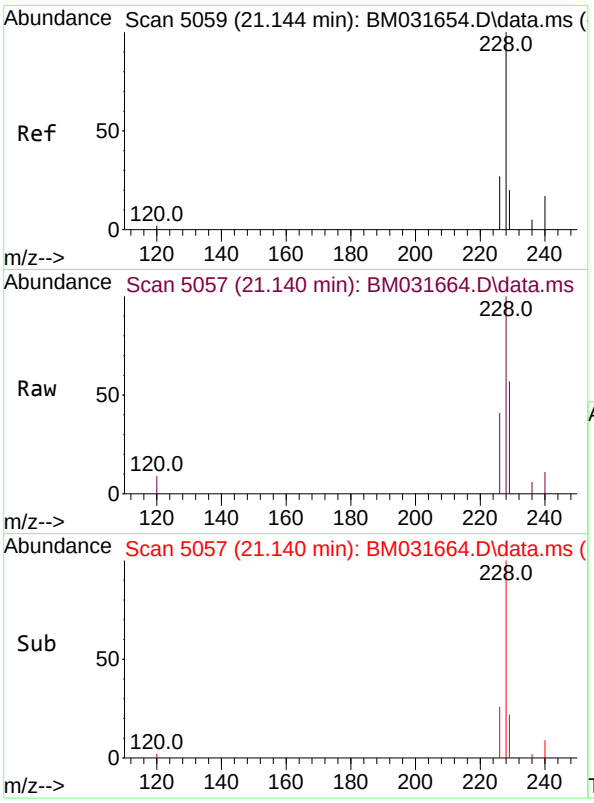
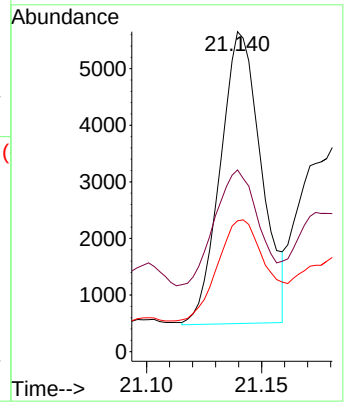


#21
Benzo(a)anthracene
Concen: 0.354 ng/ul
RT: 21.140 min Scan# 5057
Delta R.T. -0.005 min
Lab File: BM031664.D
Acq: 11 Aug 2021 17:30

Tgt Ion:228 Resp: 6400

Ion	Ratio	Lower	Upper
228	100		
229	56.8	15.6	23.4#
226	40.9	21.7	32.5#



Instrument :
BNA_M
ClientSampleId :
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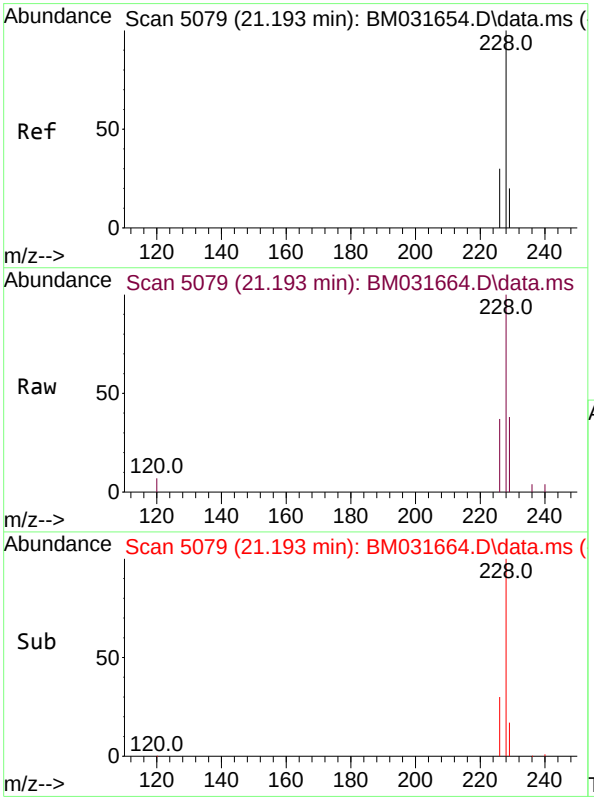
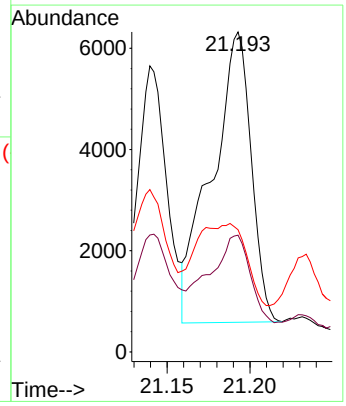
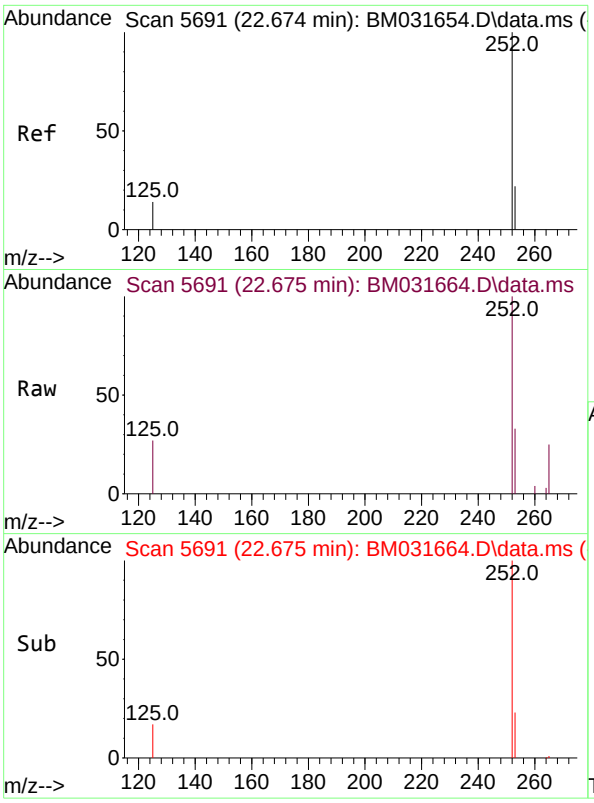


#22
Chrysene
Concen: 0.509 ng/ul
RT: 21.193 min Scan# 5079
Delta R.T. 0.000 min
Lab File: BM031664.D
Acq: 11 Aug 2021 17:30

Tgt Ion:228 Resp: 9515

Ion	Ratio	Lower	Upper
228	100		
226	36.5	24.7	37.1
229	38.2	16.2	24.2#

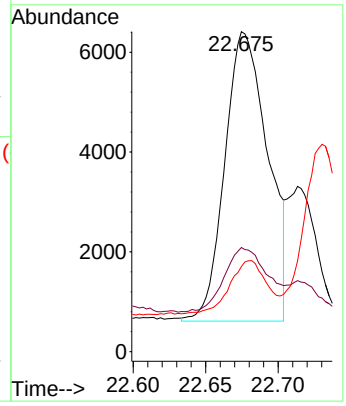


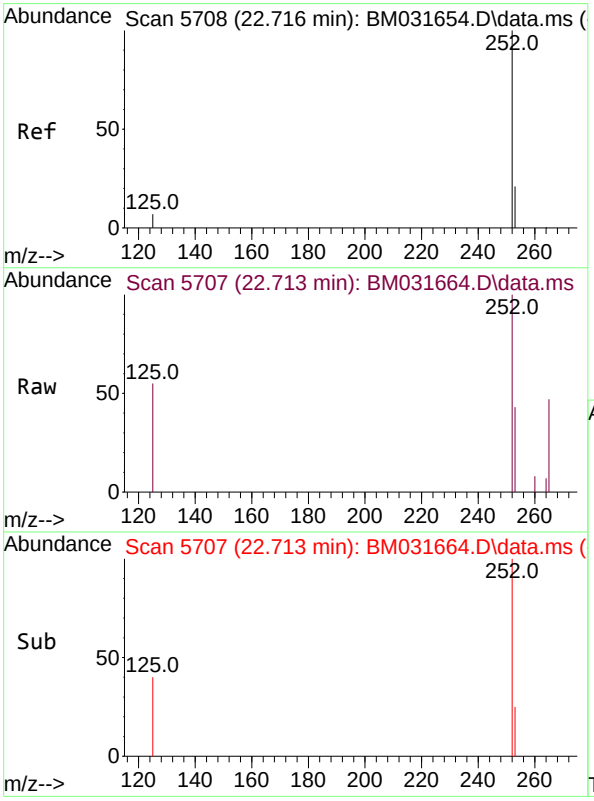


#24
Benzo(b)fluoranthene
Concen: 0.594 ng/ul m
RT: 22.675 min Scan# 5691
Delta R.T. 0.000 min
Lab File: BM031664.D
Acq: 11 Aug 2021 17:30

Tgt Ion:252 Resp: 11987

Ion	Ratio	Lower	Upper
252	100		
253	32.6	0.0	53.0
125	26.6	0.0	22.8#

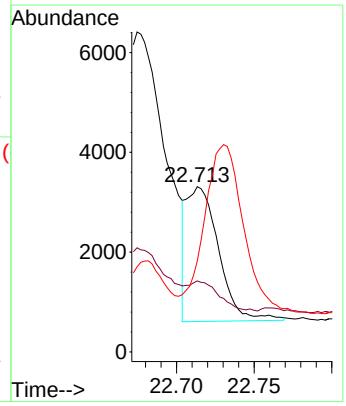




#25
Benzo(k)fluoranthene
Concen: 0.186 ng/ul m
RT: 22.713 min Scan# 5707
Delta R.T. -0.002 min
Lab File: BM031664.D
Acq: 11 Aug 2021 17:30

Tgt Ion:252 Resp: 3884

Ion	Ratio	Lower	Upper
252	100		
253	43.0	21.3	31.9#
125	54.9	8.8	13.2#



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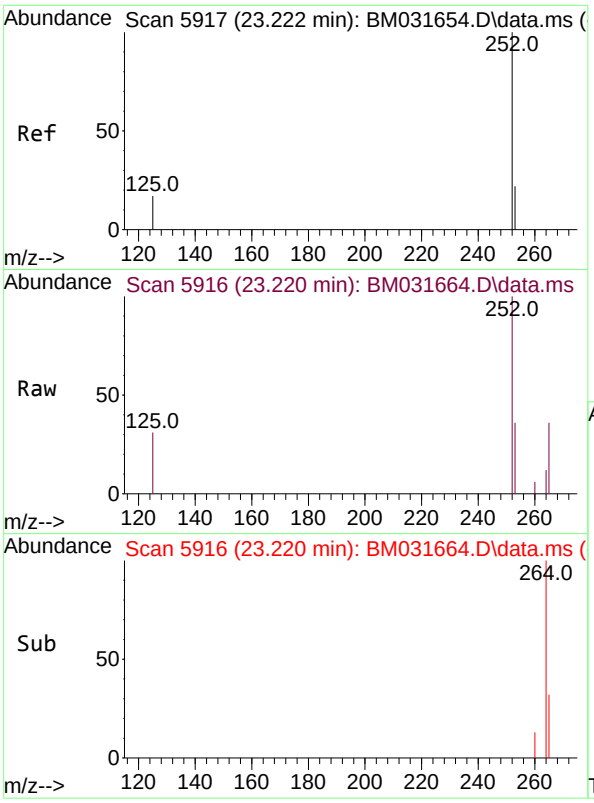
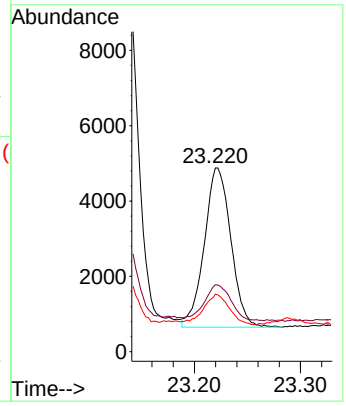
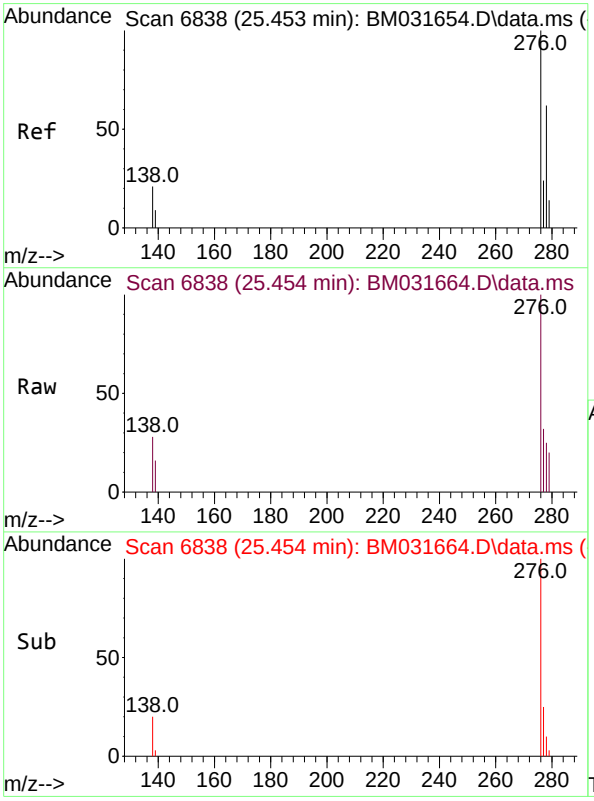


#26
Benzo(a)pyrene
Concen: 0.418 ng/ul
RT: 23.220 min Scan# 5916
Delta R.T. -0.002 min
Lab File: BM031664.D
Acq: 11 Aug 2021 17:30

Tgt Ion:252 Resp: 7381

Ion	Ratio	Lower	Upper
252	100		
253	36.4	22.4	33.6#
125	31.3	13.0	19.4#

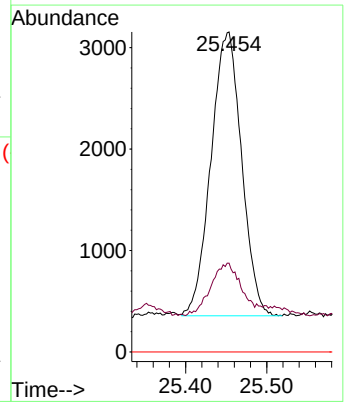




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.321 ng/ul
RT: 25.454 min Scan# 6838
Delta R.T. 0.000 min
Lab File: BM031664.D
Acq: 11 Aug 2021 17:30

Tgt Ion:276 Resp: 7337

Ion	Ratio	Lower	Upper
276	100		
138	21.6	15.8	23.8
227	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
C0AA6DL

Manual Integrations APPROVED
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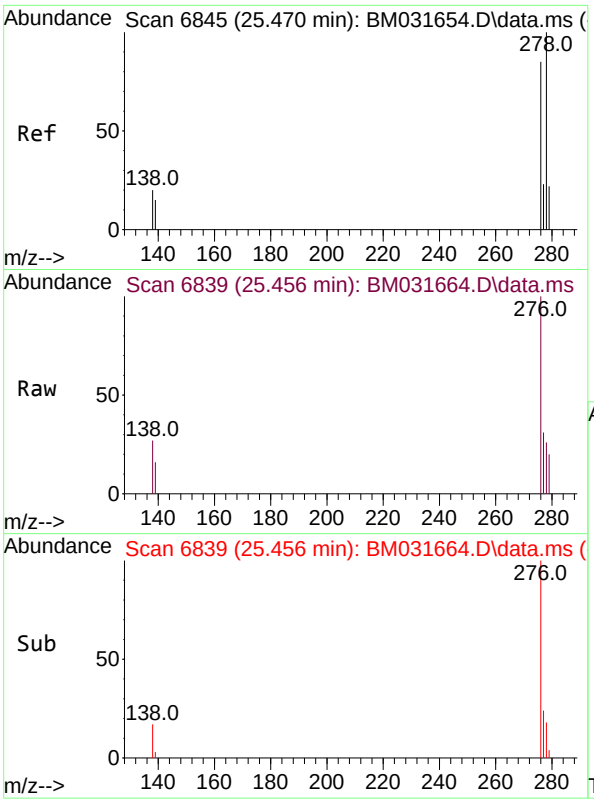
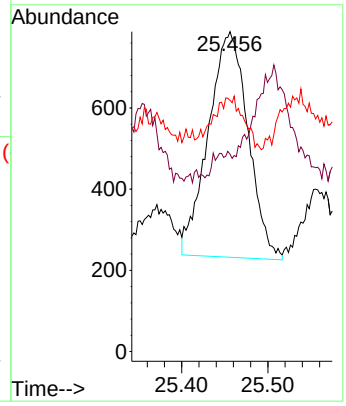
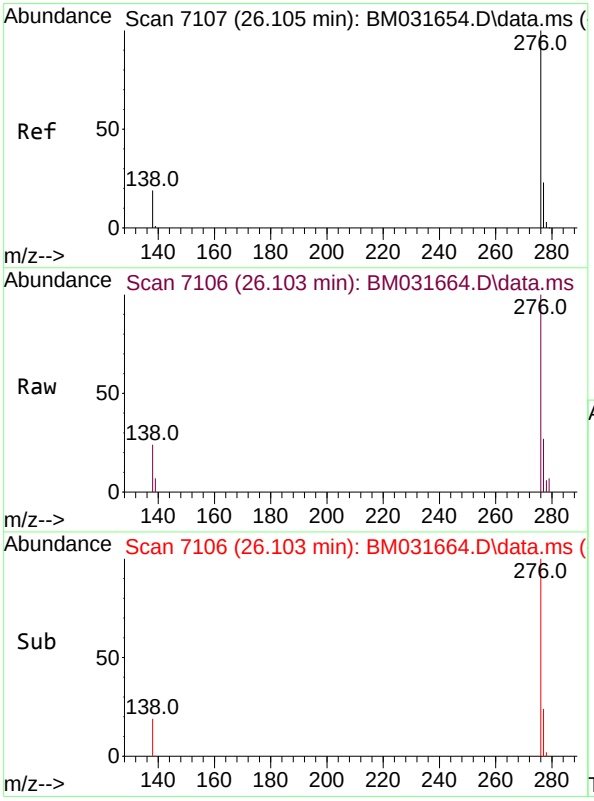


#28
Dibenzo(a,h)anthracene
Concen: 0.097 ng/ul
RT: 25.456 min Scan# 6839
Delta R.T. -0.014 min
Lab File: BM031664.D
Acq: 11 Aug 2021 17:30

Tgt Ion:278 Resp: 1782

Ion	Ratio	Lower	Upper
278	100		
139	61.7	13.3	19.9#
279	78.6	22.8	34.2#

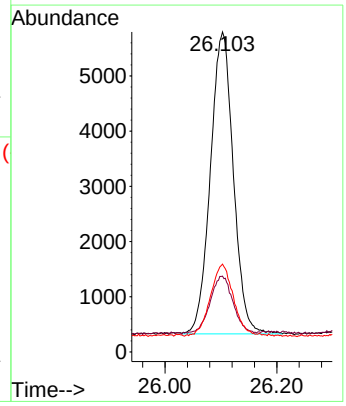




#29
Benzo(g,h,i)perylene
Concen: 0.801 ng/ul
RT: 26.103 min Scan# 7106
Delta R.T. -0.002 min
Lab File: BM031664.D
Acq: 11 Aug 2021 17:30

Tgt Ion:276 Resp: 15604

Ion	Ratio	Lower	Upper
276	100		
138	23.7	15.4	23.2#
277	27.4	19.9	29.9



Instrument :
BNA_M
ClientSampleId :
C0AA6DL

Manual Integrations APPROVED
mohammad
8/12/2021 1:36:01 PM