Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080319\
Data File : BM021855.D
Acq On : 05 Aug 2019 22:56
Operator : HP/JU
Sample : K3863-12DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52F2DL

Manual Integrations APPROVED
mohammad
8/6/2019 9:09:09 AM

Quant Time: Aug 06 02:50:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 06 01:29:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	790	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	3361	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	1873	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	4150	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	4218	0.40	ng/ul	0.00
20) Perylene-d12	23.46	264	5712	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	77m	0.01	ng/ul	0.02
14) Fluoranthene-d10	19.08	212	385	0.03	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.08	178	2733	0.226	ng/ul	97
13) Anthracene	17.18	178	289	0.028	ng/ul#	47
15) Fluoranthene	19.11	202	10330	0.639	ng/ul	97
17) Pyrene	19.47	202	8966	0.517	ng/ul	98
18) Benzo(a)anthracene	21.23	228	4056	0.269	ng/ul#	91
19) Chrysene	21.28	228	4860	0.250	ng/ul#	92
21) Benzo(b)fluoranthene	22.79	252	7122m	0.370	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	2848m	0.131	ng/ul	
23) Benzo(a)pyrene	23.36	252	4208	0.215	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.68	276	3699	0.158	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.69	278	712	0.038	ng/ul#	3
26) Benzo(g,h,i)perylene	26.36	276	3791	0.180	ng/ul#	88

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

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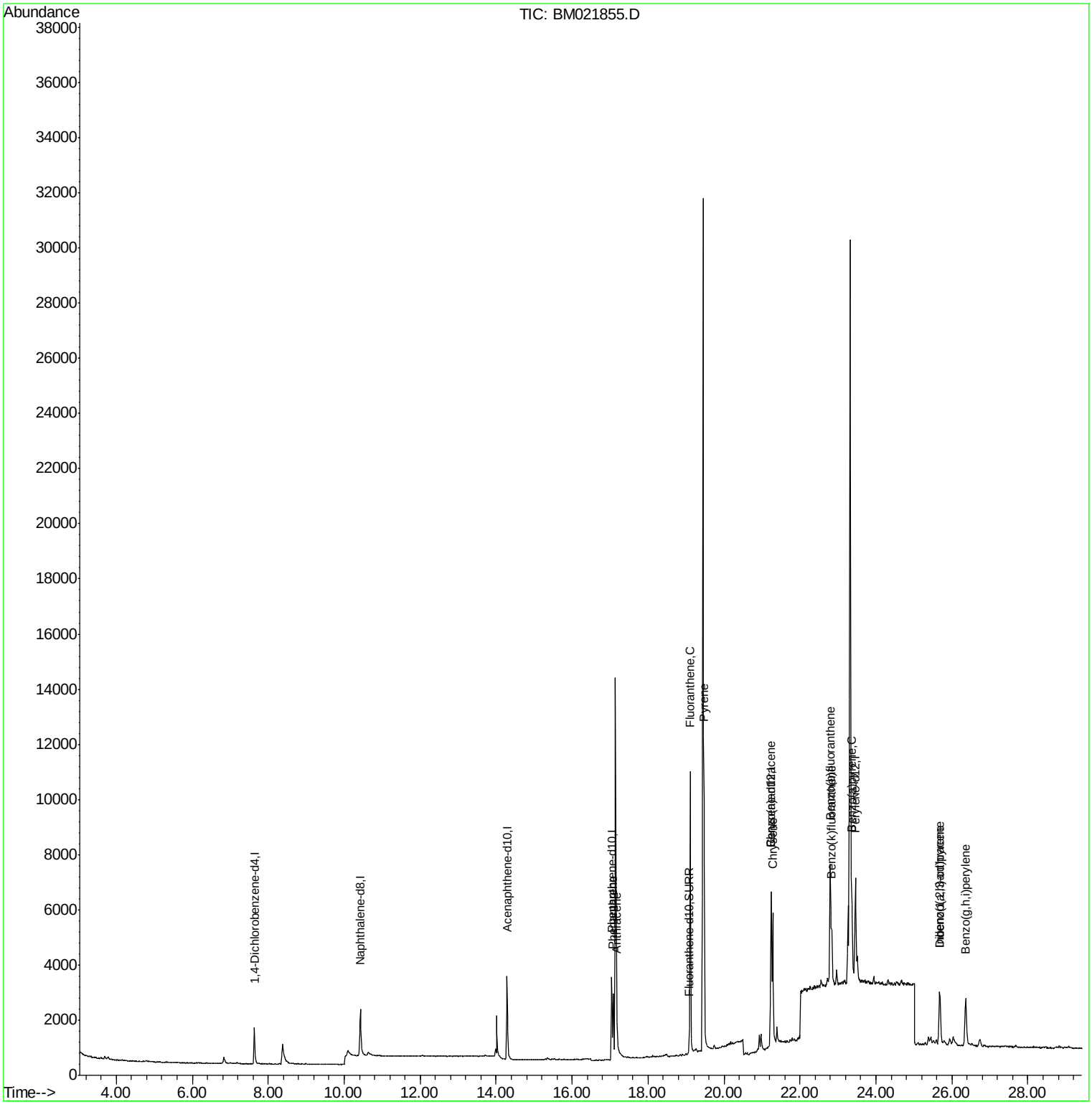
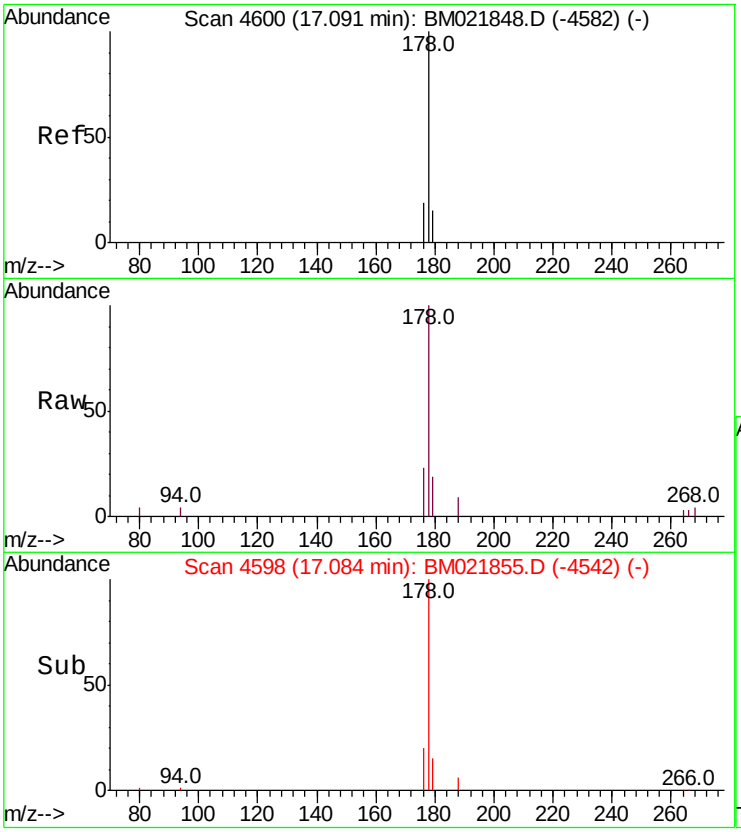
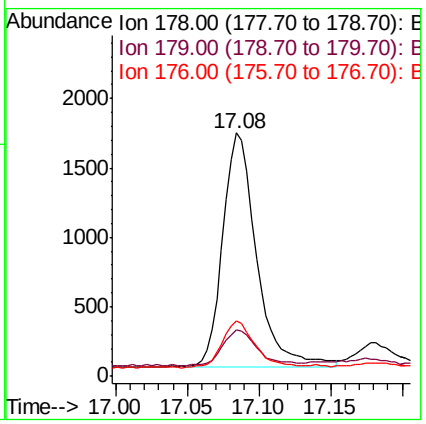




#12
Phenanthrene
Concen: 0.226 ng/ul
RT: 17.08 min Scan# 4598
Delta R.T. -0.01 min
Lab File: BM021855.D
Acq: 05 Aug 2019 22:56

Tgt Ion:178 Resp: 2733

Ion	Ratio	Lower	Upper
178	100		
179	18.9	14.2	21.2
176	22.6	16.8	25.2



Instrument :
BNA_M
ClientSampleId :
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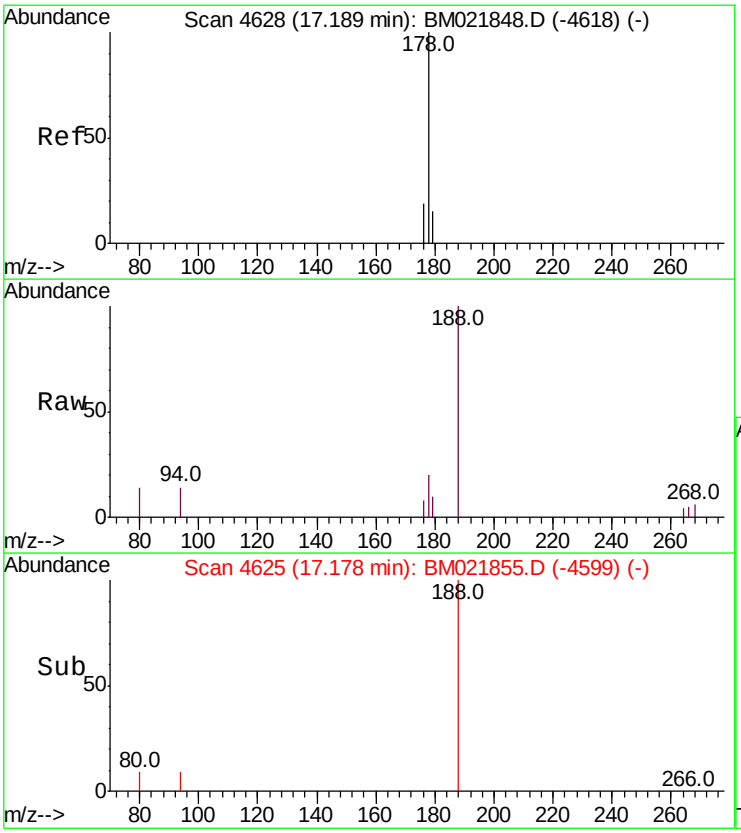
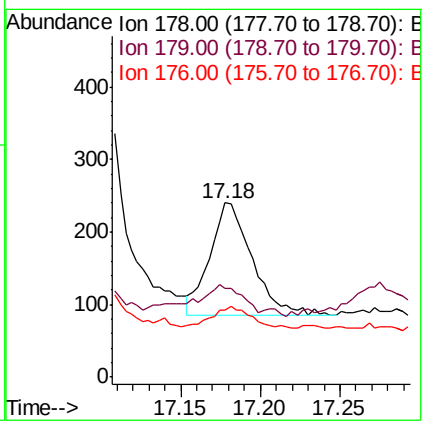
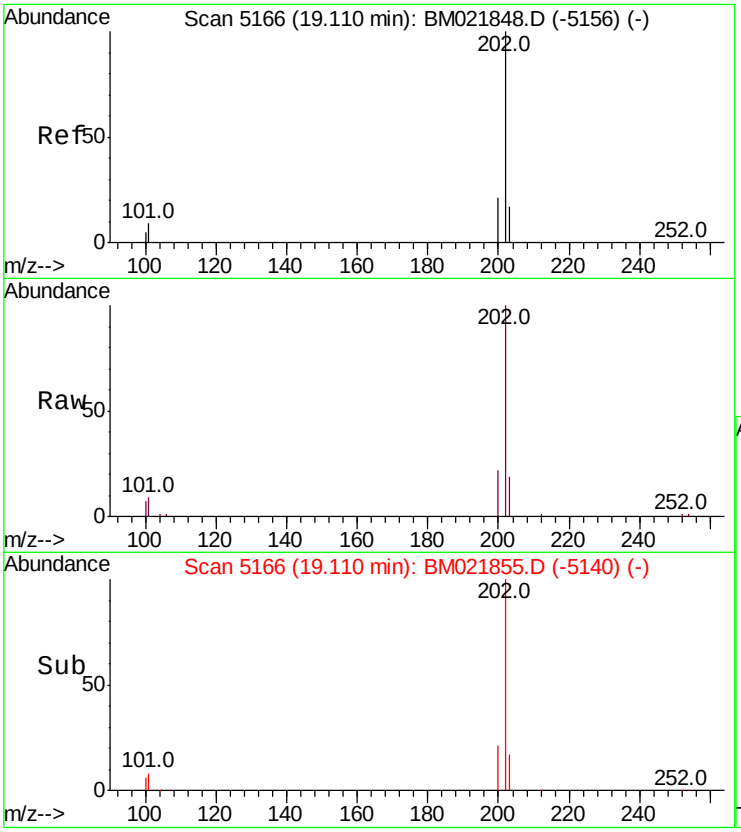


#13
Anthracene
Concen: 0.028 ng/ul
RT: 17.18 min Scan# 4625
Delta R.T. -0.01 min
Lab File: BM021855.D
Acq: 05 Aug 2019 22:56

Tgt Ion:178 Resp: 289

Ion	Ratio	Lower	Upper
178	100		
179	50.8	15.5	23.3#
176	38.3	16.6	25.0#

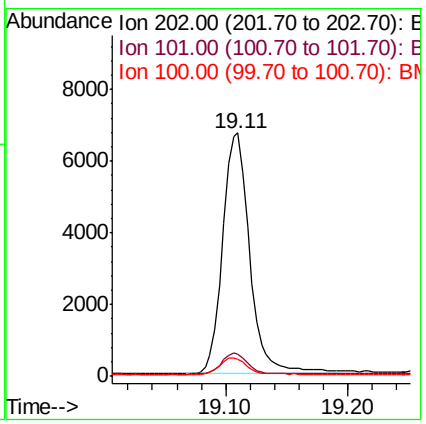




#15
Fluoranthene
Concen: 0.639 ng/ul
RT: 19.11 min Scan# 5166
Delta R.T. -0.00 min
Lab File: BM021855.D
Acq: 05 Aug 2019 22:56

Tgt Ion:202 Resp: 10330

Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	30.2
100	7.1	0.0	28.1



Instrument :
BNA_M
ClientSampleId :
A52F2DL

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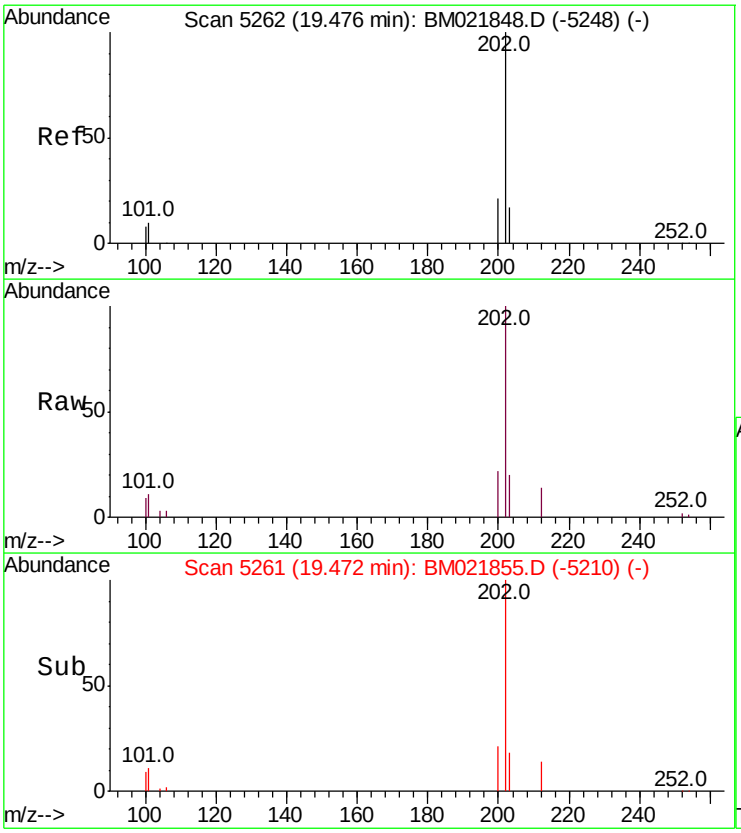
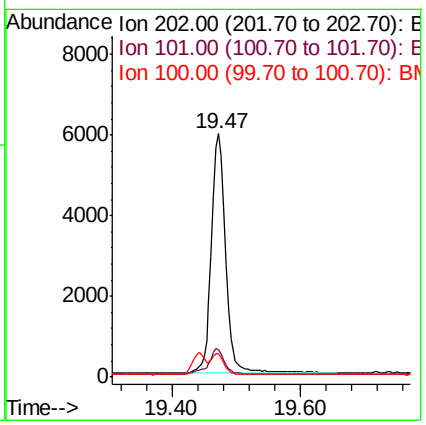
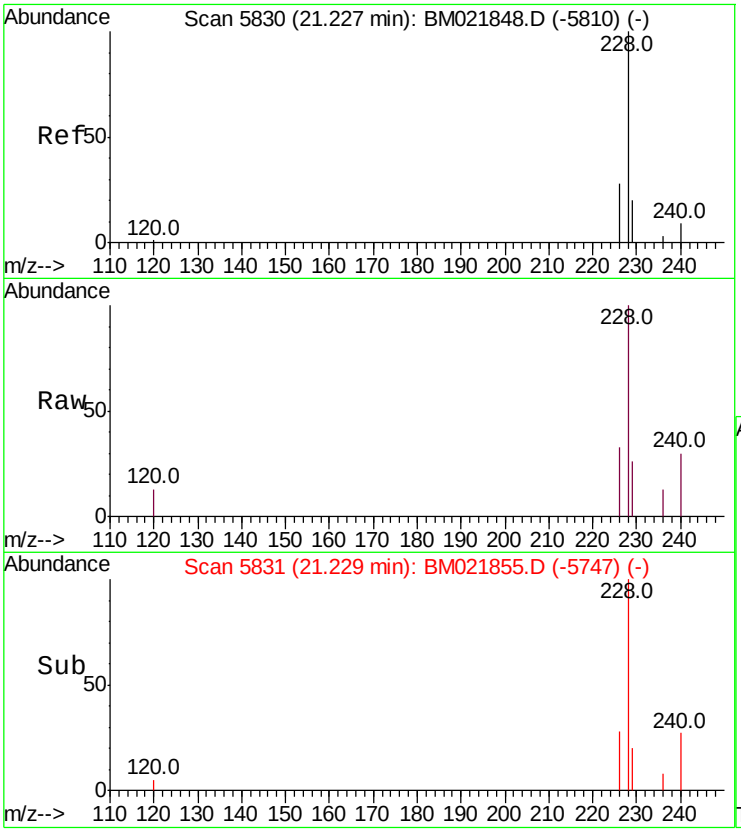


#17
Pyrene
Concen: 0.517 ng/ul
RT: 19.47 min Scan# 5261
Delta R.T. -0.00 min
Lab File: BM021855.D
Acq: 05 Aug 2019 22:56

Tgt Ion:202 Resp: 8966

Ion	Ratio	Lower	Upper
202	100		
101	11.4	8.3	12.5
100	9.5	7.2	10.8





#18
Benzo(a)anthracene
Concen: 0.269 ng/ul
RT: 21.23 min Scan# 5831
Delta R.T. 0.00 min
Lab File: BM021855.D
Acq: 05 Aug 2019 22:56

Instrument :
BNA_M
ClientSampleId :
A52F2DL

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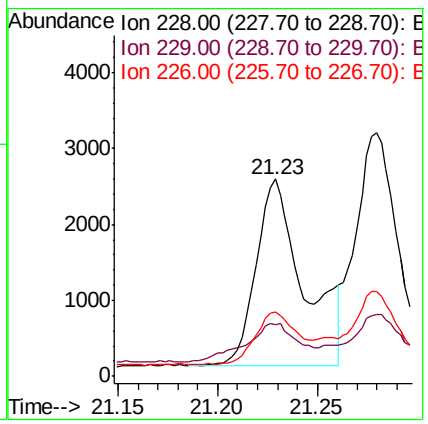
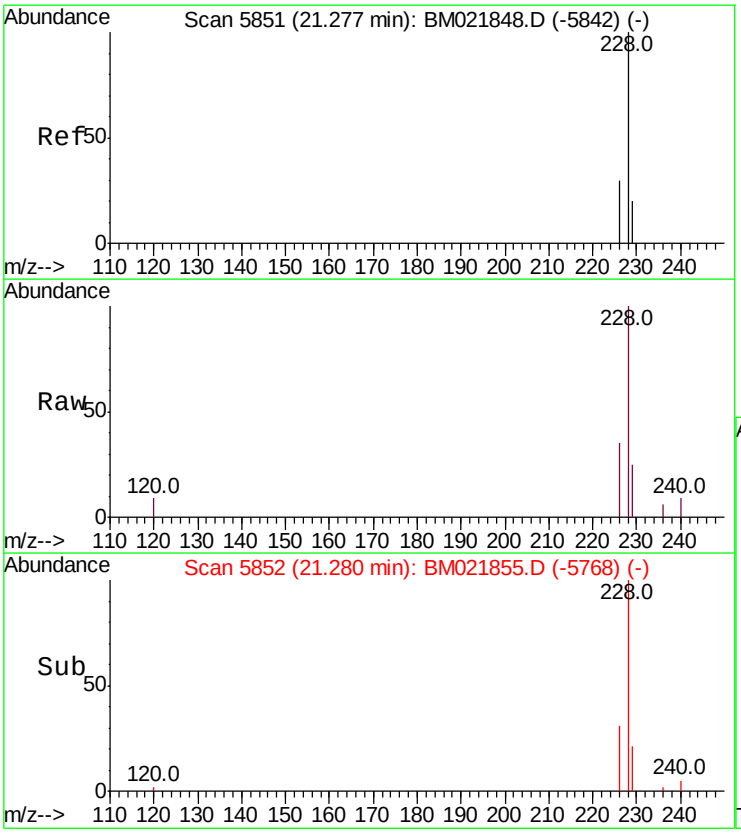
Tgt Ion:228 Resp: 4056

Ion	Ratio	Lower	Upper
228	100		
229	26.4	17.2	25.8#
226	32.7	22.6	34.0

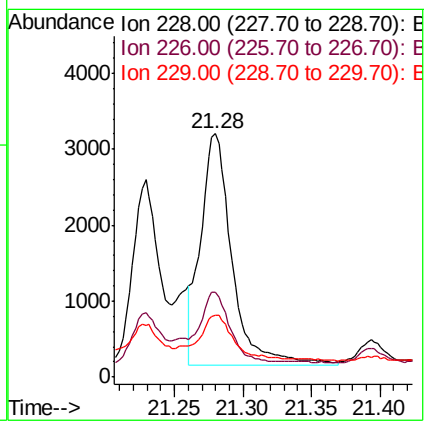


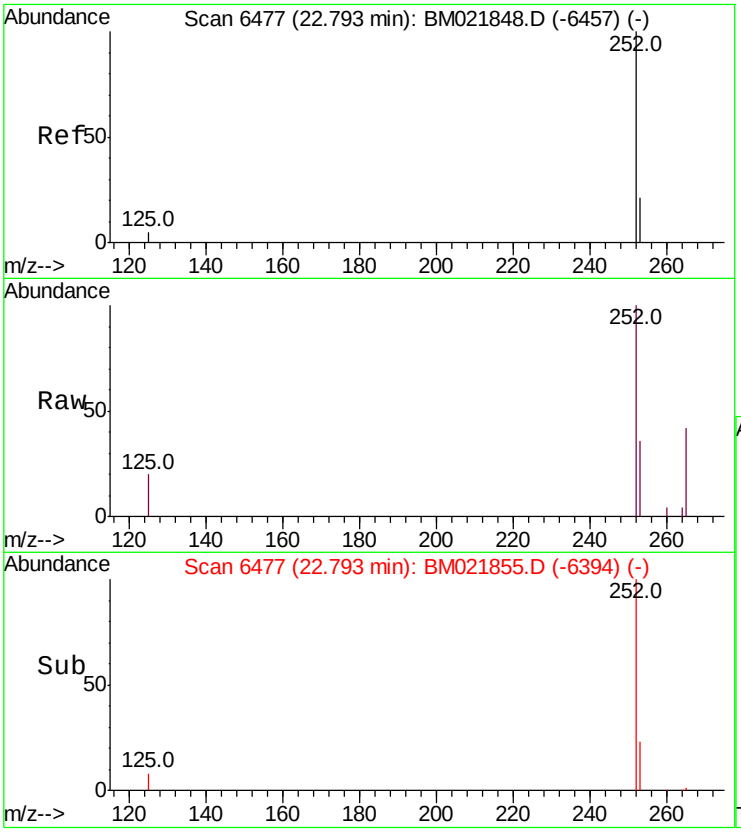


#19
Chrysene
Concen: 0.250 ng/ul
RT: 21.28 min Scan# 5852
Delta R.T. 0.00 min
Lab File: BM021855.D
Acq: 05 Aug 2019 22:56

Tgt Ion:228 Resp: 4860

Ion	Ratio	Lower	Upper
228	100		
226	34.8	24.9	37.3
229	25.2	16.6	25.0#

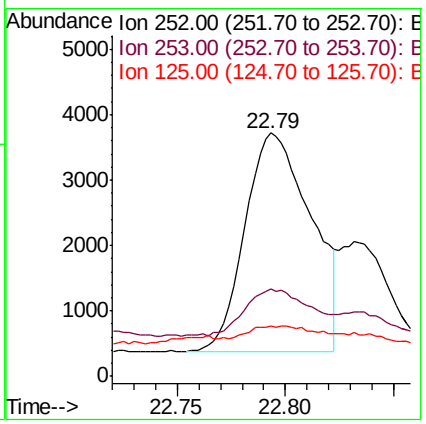




#21
Benzo(b)fluoranthene
Concen: 0.370 ng/ul m
RT: 22.79 min Scan# 6477
Delta R.T. -0.00 min
Lab File: BM021855.D
Acq: 05 Aug 2019 22:56

Tgt Ion:252 Resp: 7122

Ion	Ratio	Lower	Upper
252	100		
253	36.1	0.0	67.4
125	20.5	0.0	31.0



Instrument :
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ClientSampleId :
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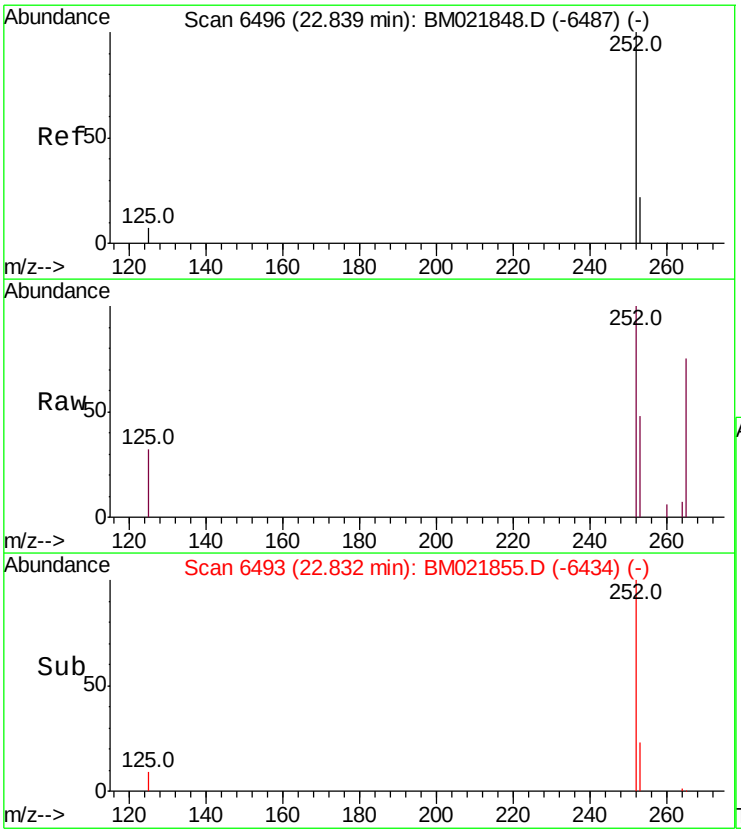
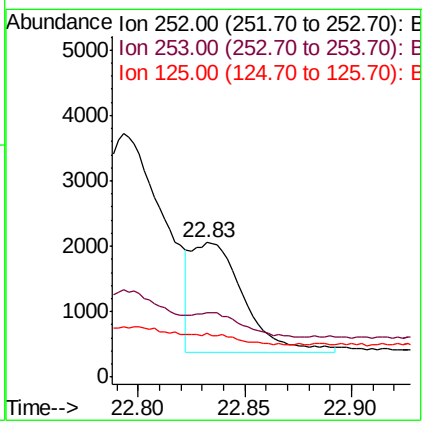
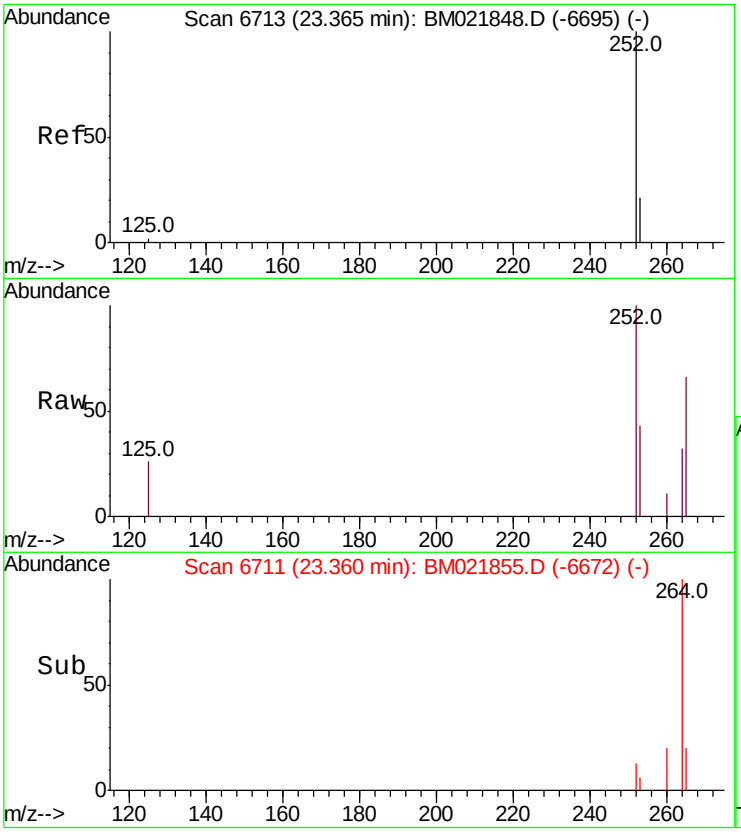


#22
Benzo(k)fluoranthene
Concen: 0.131 ng/ul m
RT: 22.83 min Scan# 6493
Delta R.T. -0.01 min
Lab File: BM021855.D
Acq: 05 Aug 2019 22:56

Tgt Ion:252 Resp: 2848

Ion	Ratio	Lower	Upper
252	100		
253	47.7	27.0	40.4#
125	32.2	12.2	18.2#

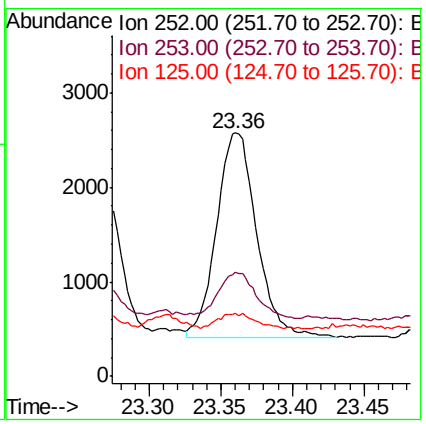




#23
Benzo(a)pyrene
Concen: 0.215 ng/ul
RT: 23.36 min Scan# 6711
Delta R.T. -0.00 min
Lab File: BM021855.D
Acq: 05 Aug 2019 22:56

Tgt Ion:252 Resp: 4208

Ion	Ratio	Lower	Upper
252	100		
253	42.6	31.7	47.5
125	25.8	14.6	21.8#



Instrument :
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ClientSampleId :
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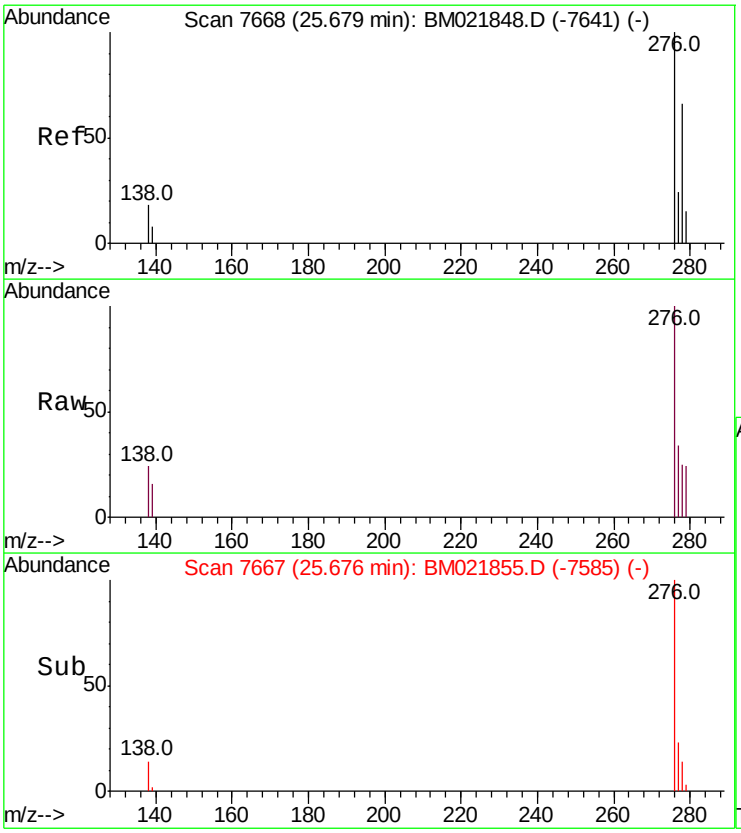
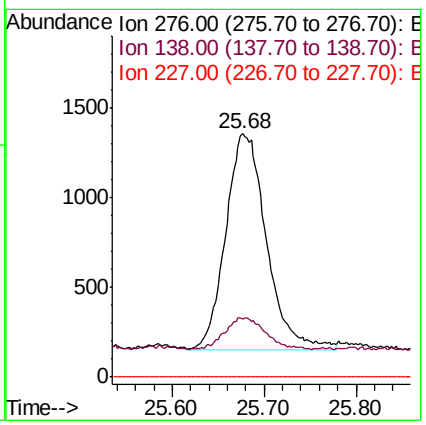
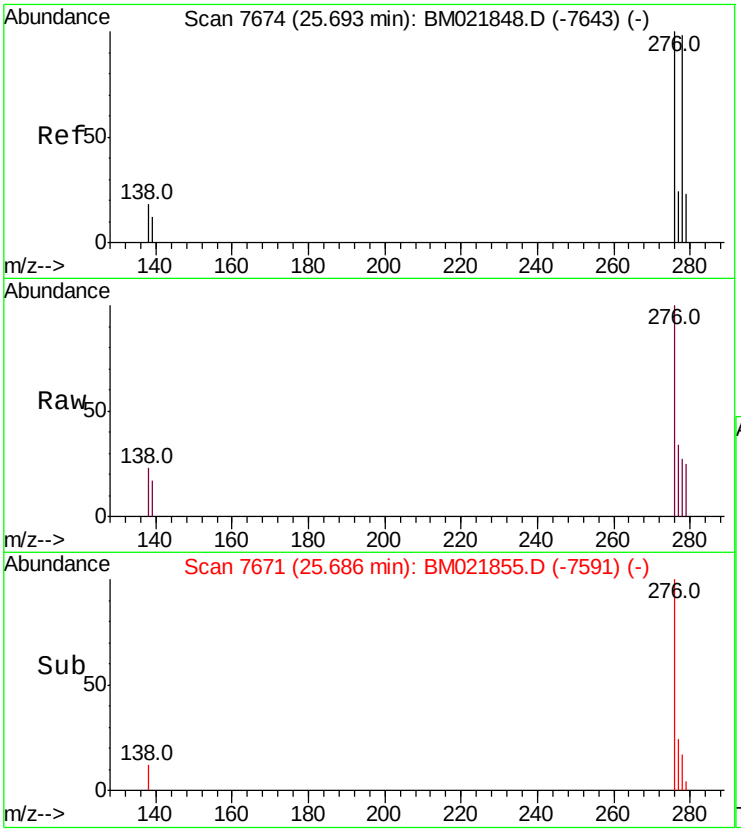


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.158 ng/ul
RT: 25.68 min Scan# 7667
Delta R.T. -0.00 min
Lab File: BM021855.D
Acq: 05 Aug 2019 22:56

Tgt Ion:276 Resp: 3699

Ion	Ratio	Lower	Upper
276	100		
138	14.9	15.1	22.7#
227	0.0	0.0	0.0





#25
Dibenzo(a,h)anthracene
Concen: 0.038 ng/ul
RT: 25.69 min Scan# 7671
Delta R.T. -0.01 min
Lab File: BM021855.D
Acq: 05 Aug 2019 22:56

Tgt Ion:278 Resp: 712

Ion	Ratio	Lower	Upper
278	100		
139	61.6	14.2	21.2#
279	91.3	28.3	42.5#

Instrument :
BNA_M
ClientSampleId :
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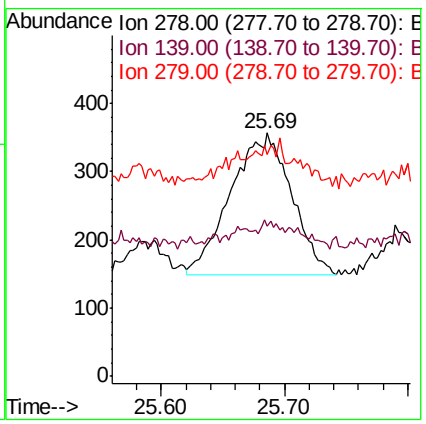
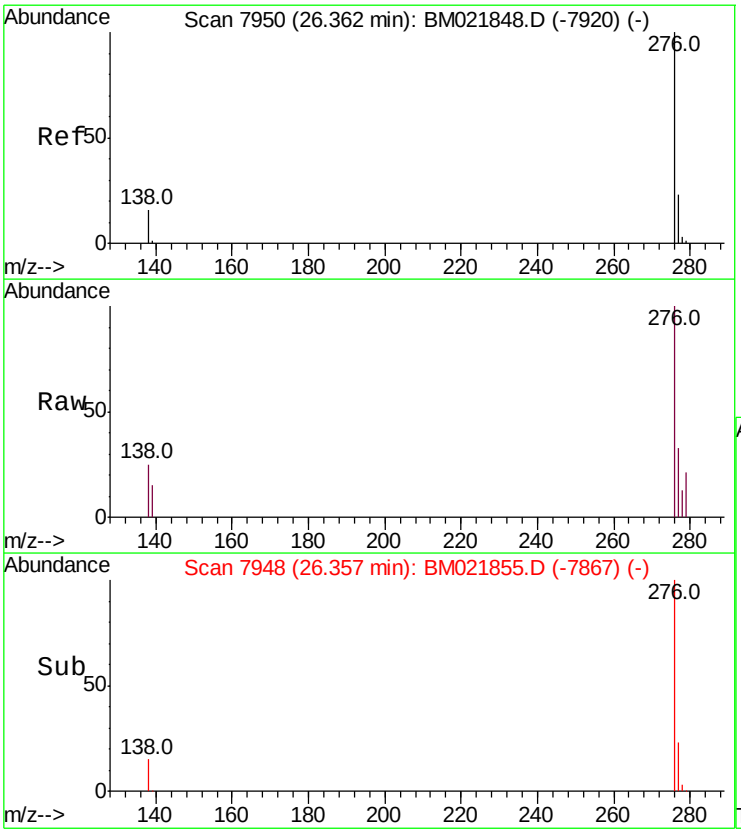
Manual Integrations APPROVED
mohammad
8/6/2019 9:09:09 AM





#26
Benzo(g,h,i)perylene
Concen: 0.180 ng/ul
RT: 26.36 min Scan# 7948
Delta R.T. -0.00 min
Lab File: BM021855.D
Acq: 05 Aug 2019 22:56

Tgt Ion:276 Resp: 3791

Ion	Ratio	Lower	Upper
276	100		
138	24.6	15.5	23.3#
277	33.2	21.4	32.2#