Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Data File : BM021838.D
Acq On : 05 Aug 2019 10:33
Operator : HP/JU
Sample : K3850-19
Misc :
ALS Vial : 81 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BENS5

Manual Integrations APPROVED
mohammad
8/5/2019 10:17:11 PM

Quant Time: Aug 05 13:57:05 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 : Mon Aug 05 08:19:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1006	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.41	136	4071	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	2430	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.04	188	6091m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	6850m	0.40	ng/ul	0.00
20) Perylene-d12	23.46	264	6879m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	1077	0.16	ng/ul	-0.03
14) Fluoranthene-d10	19.07	212	3441m	0.17	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.46	128	6427	0.559	ng/ul	95
5) 2-Methylnaphthalene	12.08	142	5300	0.692	ng/ul	99
7) Acenaphthylene	14.00	152	21315	1.881	ng/ul	96
8) Acenaphthene	14.35	153	2920	0.315	ng/ul	97
9) Fluorene	15.34	166	5167	0.502	ng/ul	99
12) Phenanthrene	17.08	178	100472m	5.669	ng/ul	
13) Anthracene	17.17	178	28441m	1.881	ng/ul	
15) Fluoranthene	19.11	202	263735m	11.109	ng/ul	
17) Pyrene	19.47	202	231531	8.225	ng/ul	96
18) Benzo(a)anthracene	21.23	228	143327m	5.850	ng/ul	
19) Chrysene	21.28	228	160205	5.084	ng/ul	97
21) Benzo(b)fluoranthene	22.80	252	274197m	11.820	ng/ul	
22) Benzo(k)fluoranthene	22.84	252	95496m	3.638	ng/ul	
23) Benzo(a)pyrene	23.37	252	178281m	7.557	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.69	276	148610m	5.276	ng/ul	
25) Dibenzo(a,h)anthracene	25.69	278	37421m	1.644	ng/ul	
26) Benzo(g,h,i)perylene	26.37	276	172481m	6.802	ng/ul	

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

Quantitation Report (QT Reviewed)

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Instrument :
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ClientSampleId :
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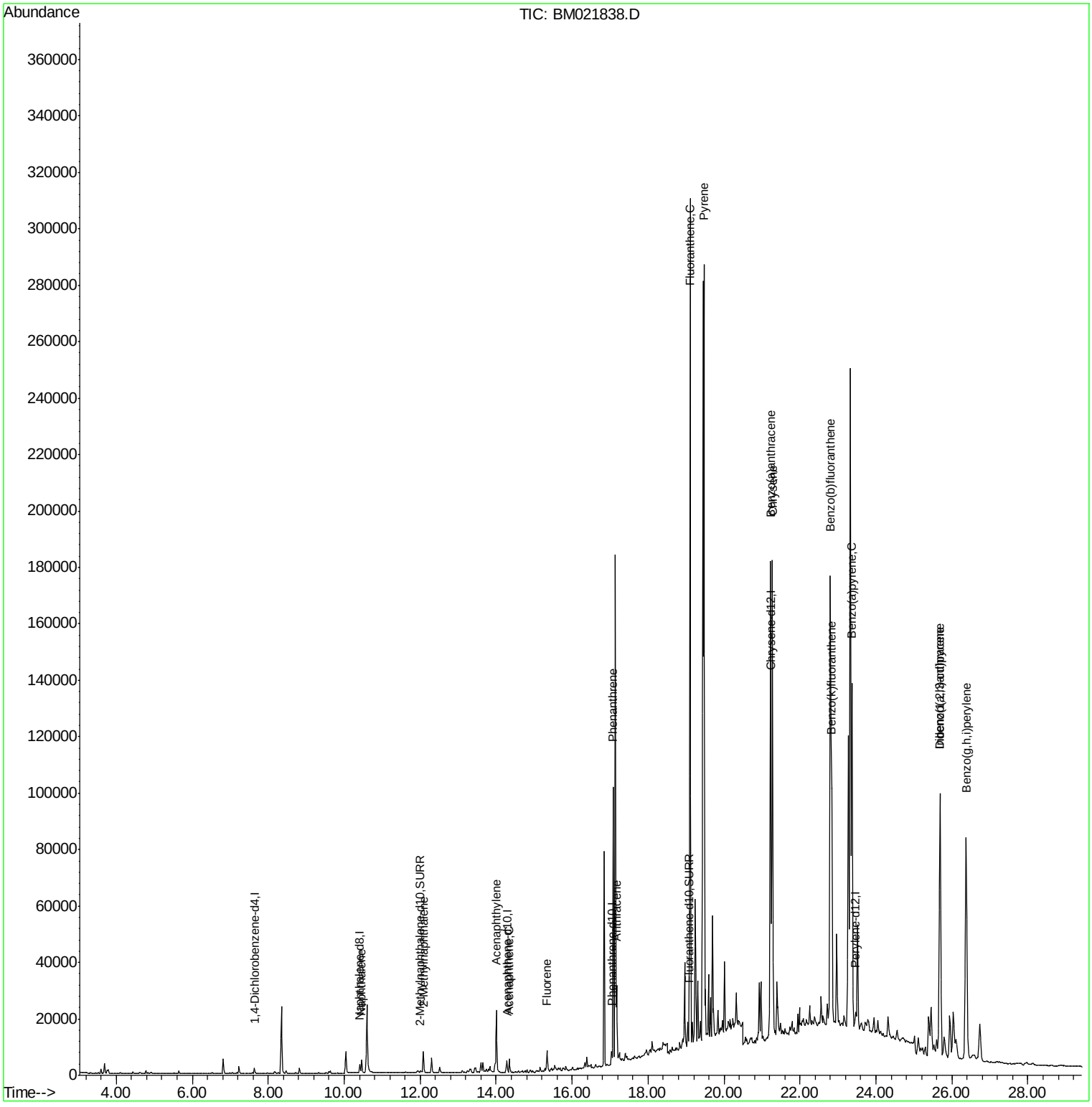
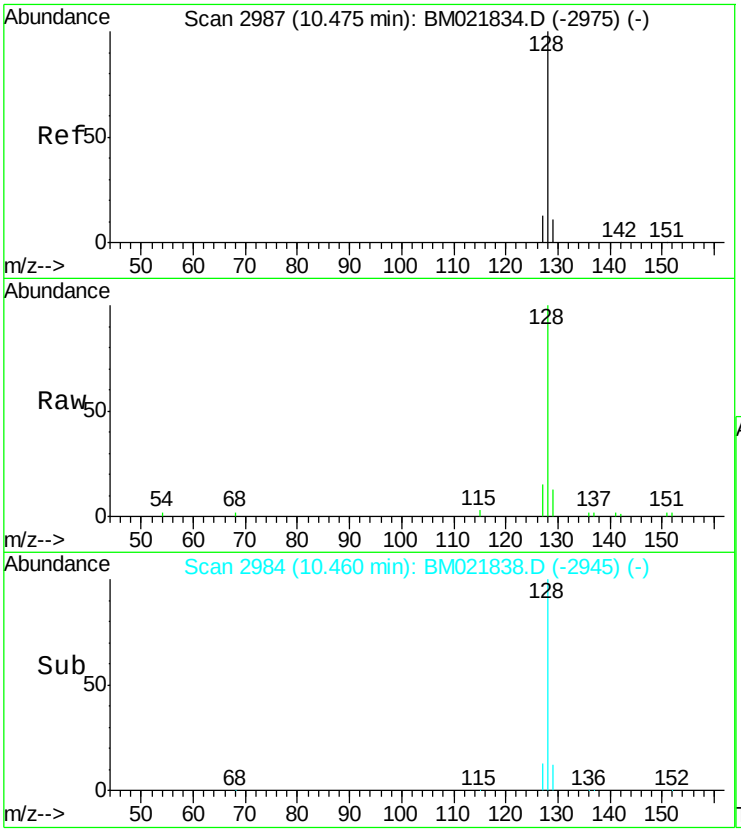
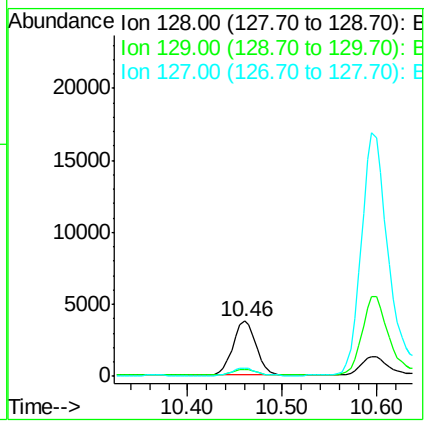




#3
Naphthalene
Concen: 0.559 ng/ul
RT: 10.46 min Scan# 2984
Delta R.T. -0.02 min
Lab File: BM021838.D
Acq: 05 Aug 2019 10:33

Tgt Ion:128 Resp: 6427

Ion	Ratio	Lower	Upper
128	100		
129	13.3	12.3	18.5
127	14.5	13.0	19.6



Instrument :
BNA_M
ClientSampleId :
BENS5

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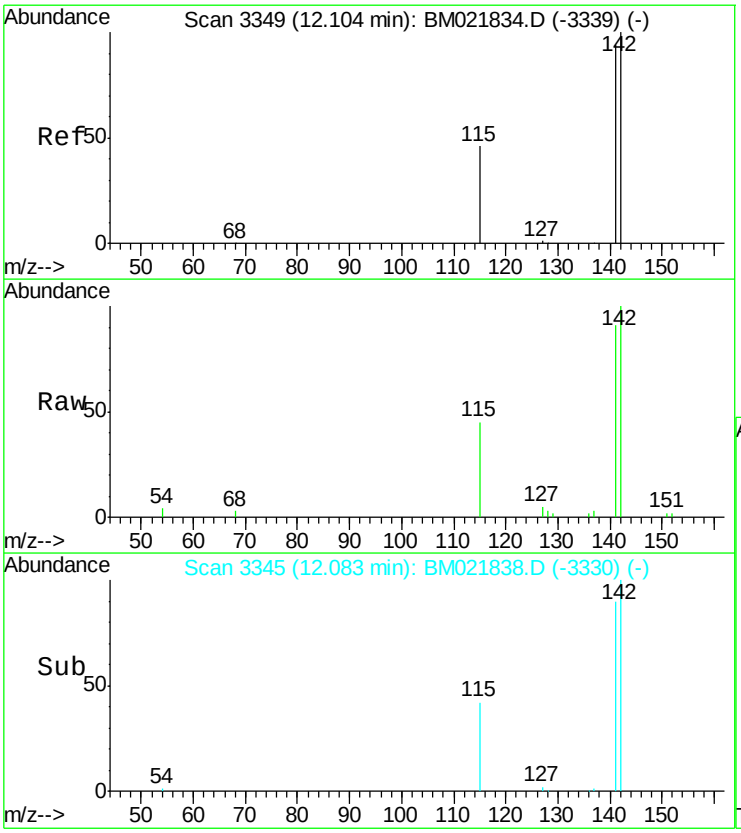
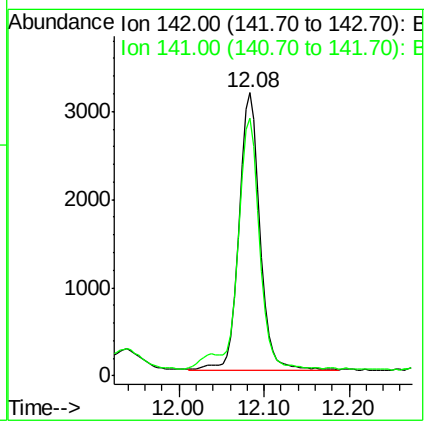
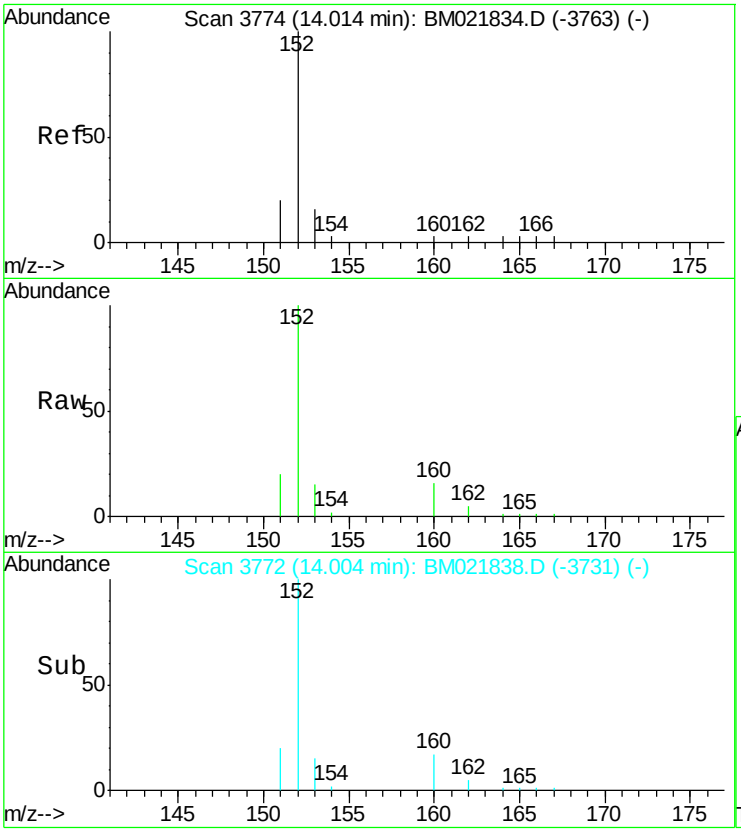


#5
2-Methylnaphthalene
Concen: 0.692 ng/ul
RT: 12.08 min Scan# 3345
Delta R.T. -0.03 min
Lab File: BM021838.D
Acq: 05 Aug 2019 10:33

Tgt Ion:142 Resp: 5300

Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.3	111.5

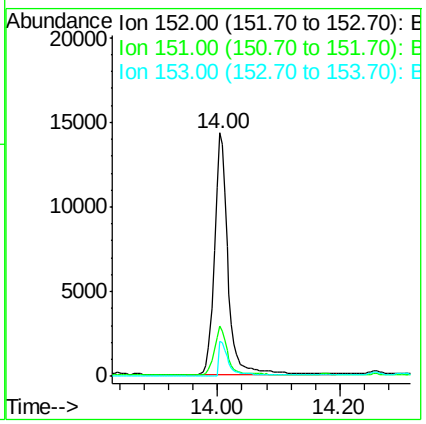




#7
Acenaphthylene
Concen: 1.881 ng/ul
RT: 14.00 min Scan# 3772
Delta R.T. -0.02 min
Lab File: BM021838.D
Acq: 05 Aug 2019 10:33

Tgt Ion:152 Resp: 21315

Ion	Ratio	Lower	Upper
152	100		
151	20.5	18.3	27.5
153	14.5	12.8	19.2



Instrument :
BNA_M
ClientSampleId :
BENS5

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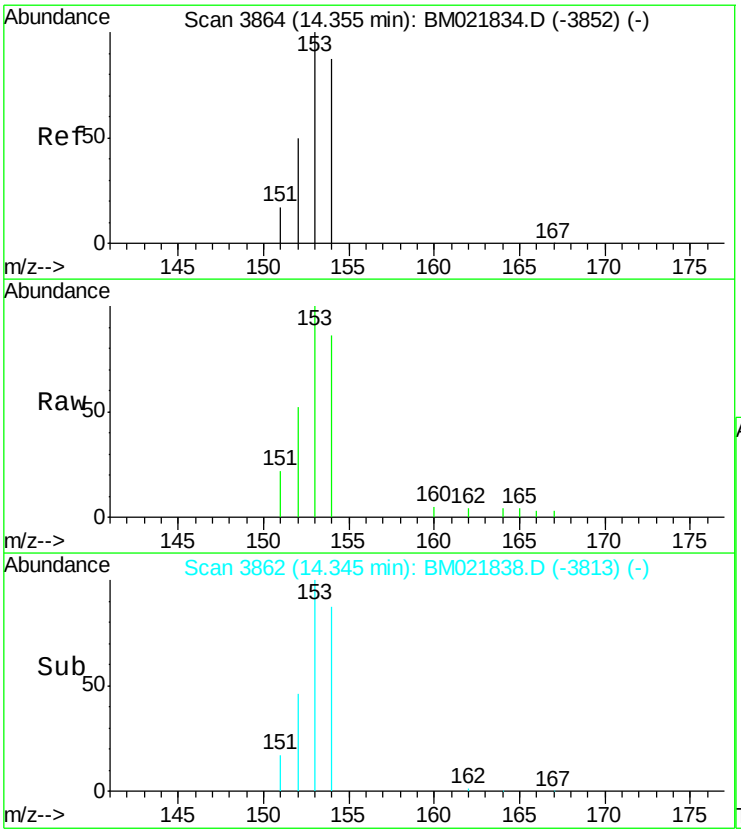
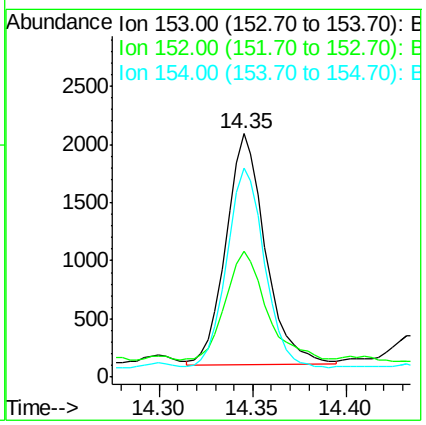
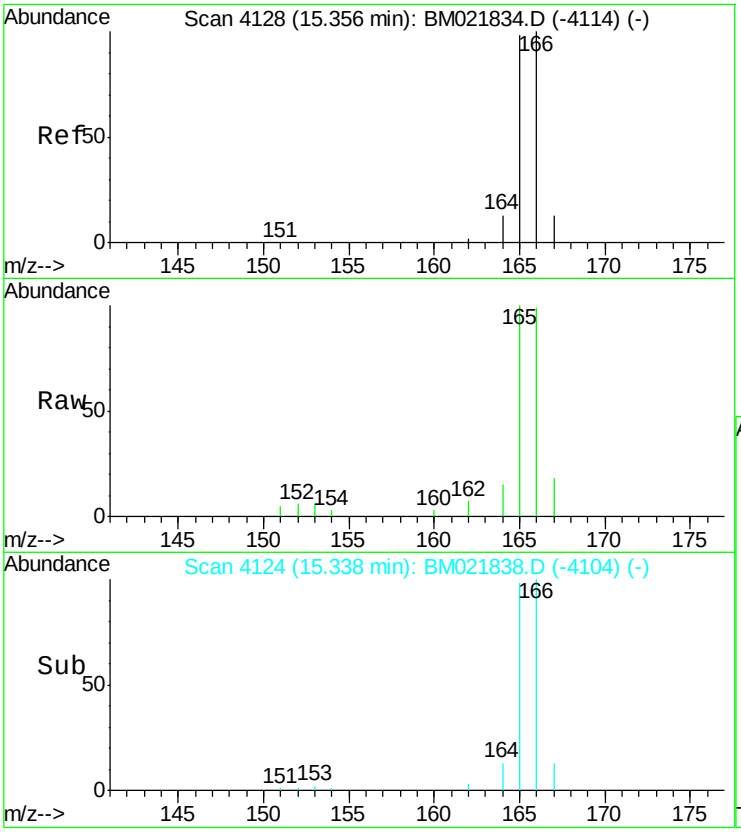


#8
Acenaphthene
Concen: 0.315 ng/ul
RT: 14.35 min Scan# 3862
Delta R.T. -0.02 min
Lab File: BM021838.D
Acq: 05 Aug 2019 10:33

Tgt Ion:153 Resp: 2920

Ion	Ratio	Lower	Upper
153	100		
152	51.9	41.3	61.9
154	85.6	72.3	108.5

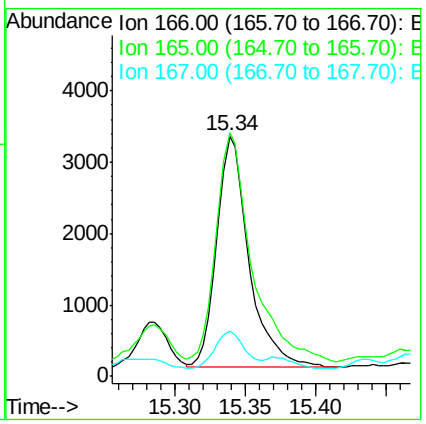




#9
Fluorene
Concen: 0.502 ng/ul
RT: 15.34 min Scan# 4124
Delta R.T. -0.02 min
Lab File: BM021838.D
Acq: 05 Aug 2019 10:33

Tgt Ion:166 Resp: 5167

Ion	Ratio	Lower	Upper
166	100		
165	101.5	81.4	122.0
167	18.6	13.7	20.5



Instrument :
BNA_M
ClientSampleId :
BENS5

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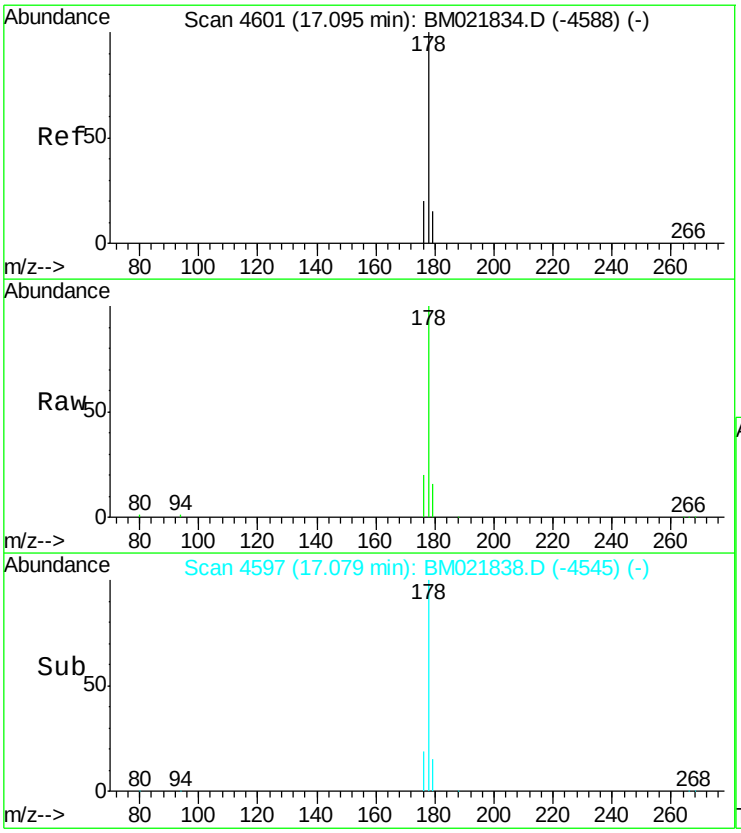
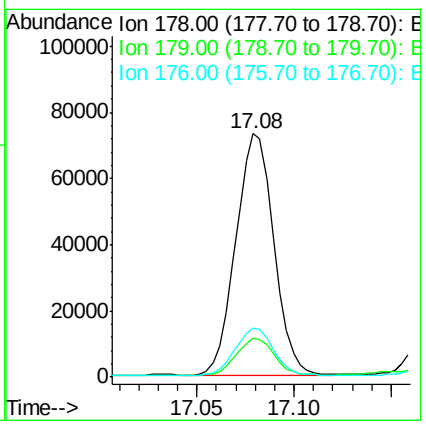
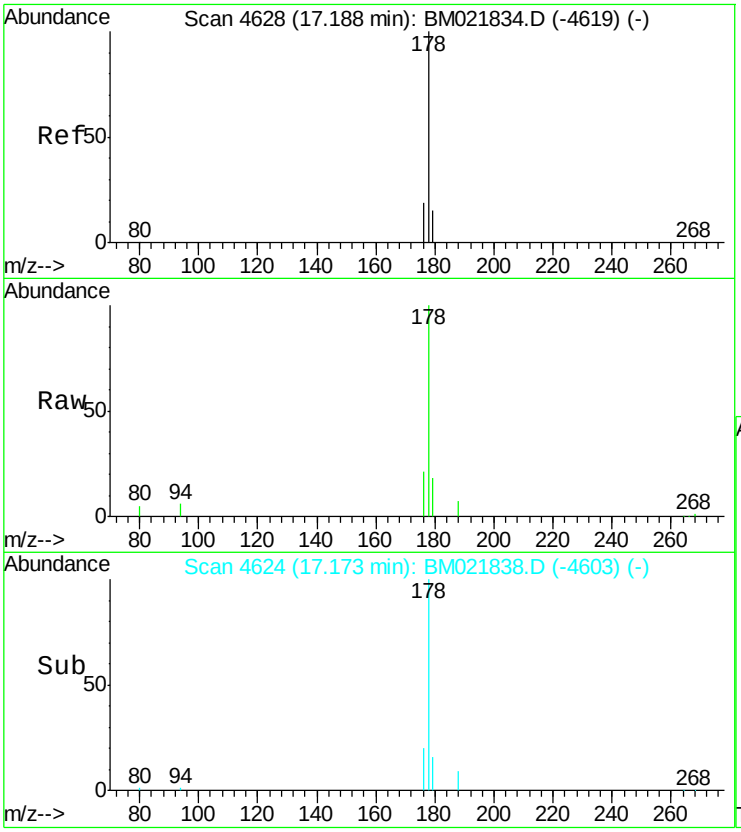


#12
Phenanthrene
Concen: 5.669 ng/ul m
RT: 17.08 min Scan# 4597
Delta R.T. -0.02 min
Lab File: BM021838.D
Acq: 05 Aug 2019 10:33

Tgt Ion:178 Resp: 100472

Ion	Ratio	Lower	Upper
178	100		
179	15.9	14.2	21.2
176	20.0	16.8	25.2

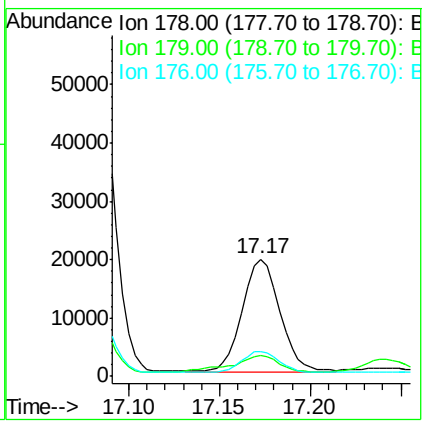




#13
Anthracene
Concen: 1.881 ng/ul m
RT: 17.17 min Scan# 4624
Delta R.T. -0.03 min
Lab File: BM021838.D
Acq: 05 Aug 2019 10:33

Tgt Ion:178 Resp: 28441

Ion	Ratio	Lower	Upper
178	100		
179	18.1	15.5	23.3
176	21.4	16.6	25.0



Instrument :
BNA_M
ClientSampleId :
BENS5

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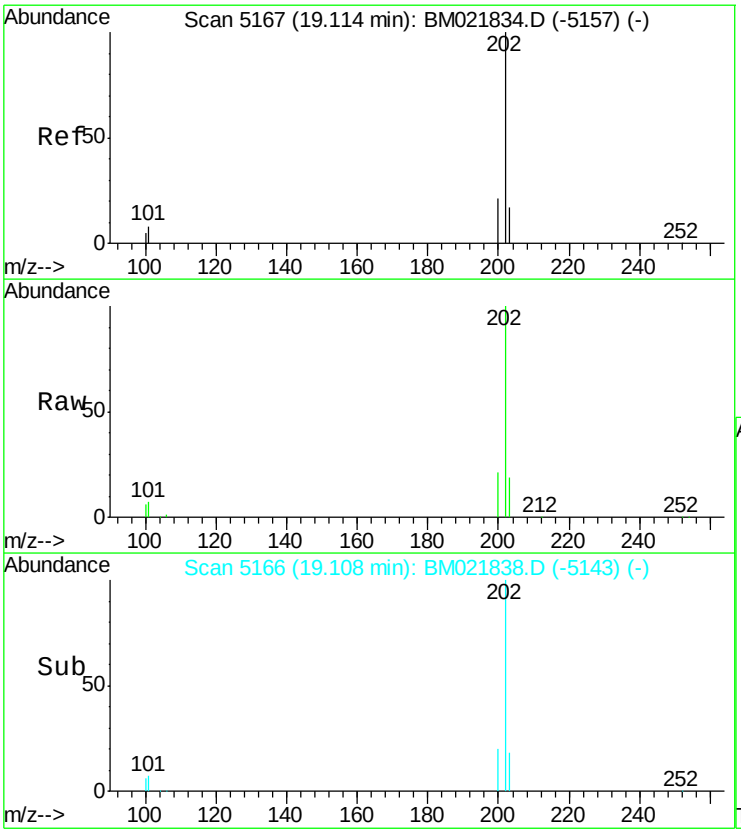
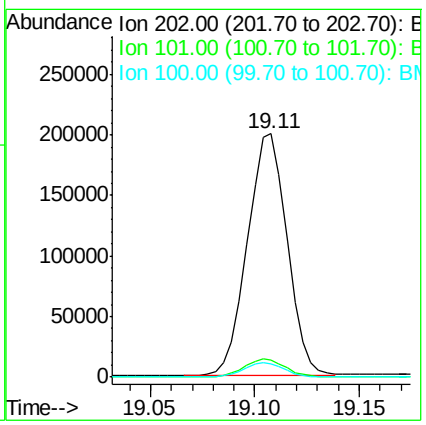
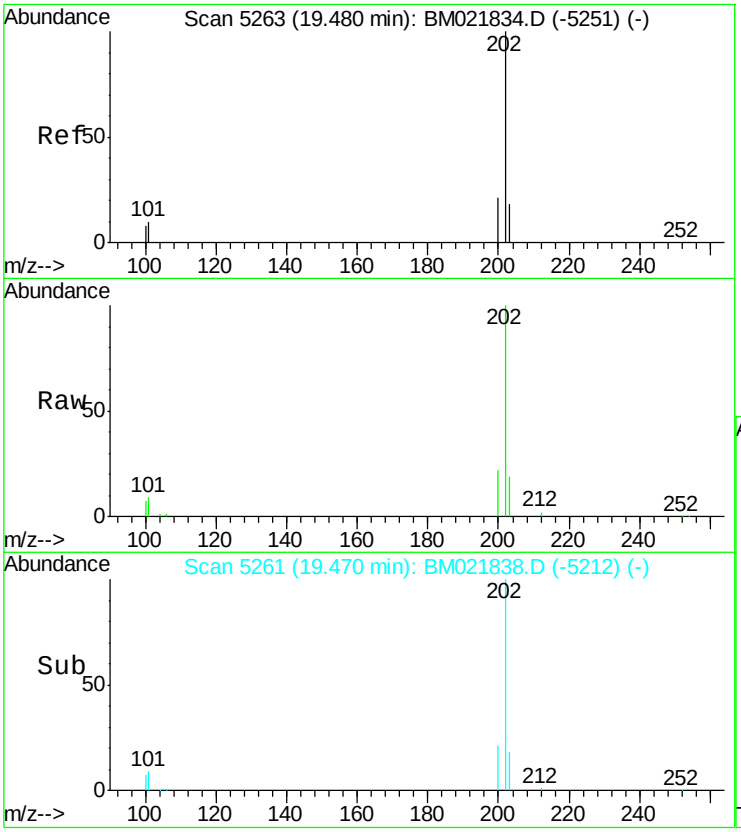


#15
Fluoranthene
Concen: 11.109 ng/ul m
RT: 19.11 min Scan# 5166
Delta R.T. -0.01 min
Lab File: BM021838.D
Acq: 05 Aug 2019 10:33

Tgt Ion:202 Resp: 263735

Ion	Ratio	Lower	Upper
202	100		
101	7.2	0.0	30.2
100	5.6	0.0	28.1





#17
Pyrene
Concen: 8.225 ng/ul
RT: 19.47 min Scan# 5261
Delta R.T. -0.01 min
Lab File: BM021838.D
Acq: 05 Aug 2019 10:33

Tgt Ion:202 Resp: 231531

Ion	Ratio	Lower	Upper
202	100		
101	9.0	8.3	12.5
100	7.4	7.2	10.8

Instrument :
BNA_M
ClientSampleId :
BENS5

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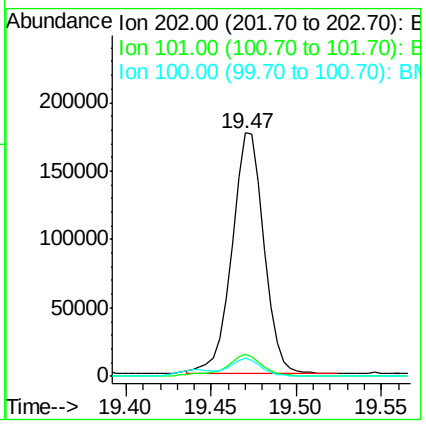
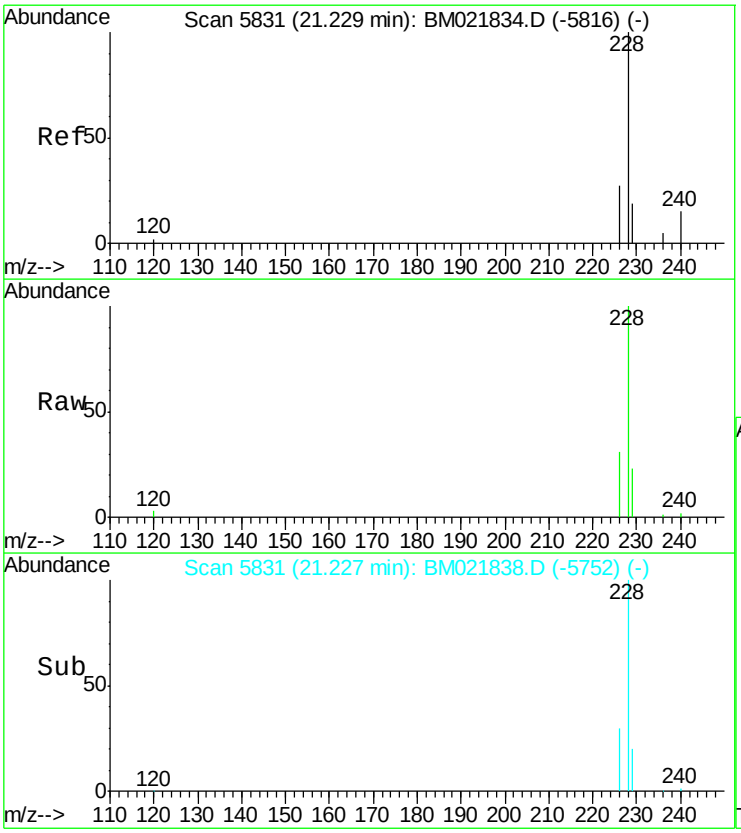
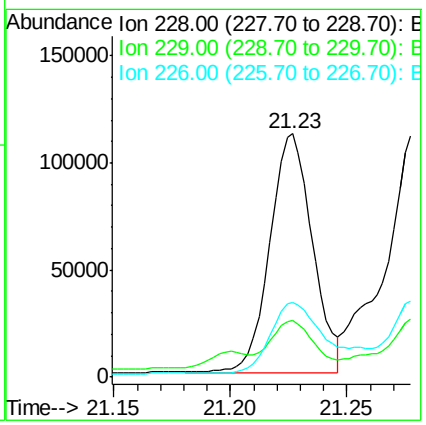


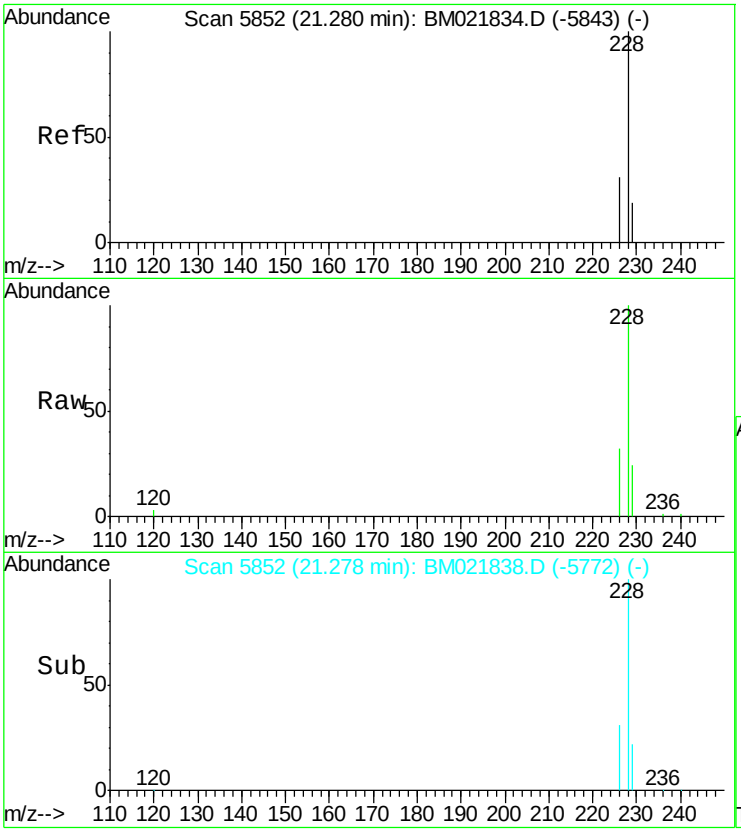


#18
Benzo(a)anthracene
Concen: 5.850 ng/ul m
RT: 21.23 min Scan# 5831
Delta R.T. -0.01 min
Lab File: BM021838.D
Acq: 05 Aug 2019 10:33

Tgt Ion:228 Resp: 143327

Ion	Ratio	Lower	Upper
228	100		
229	23.2	17.2	25.8
226	30.8	22.6	34.0

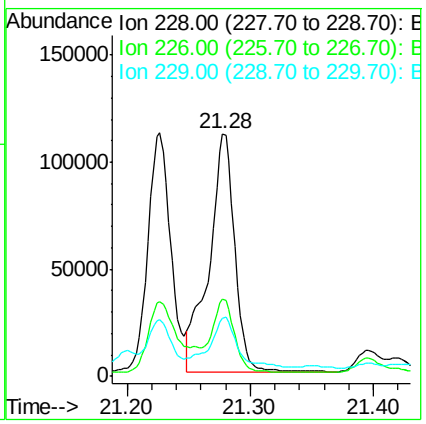




#19
Chrysene
Concen: 5.084 ng/ul
RT: 21.28 min Scan# 5852
Delta R.T. -0.01 min
Lab File: BM021838.D
Acq: 05 Aug 2019 10:33

Tgt Ion:228 Resp: 160205

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.9	37.3
229	24.1	16.6	25.0



Instrument :
BNA_M
ClientSampleId :
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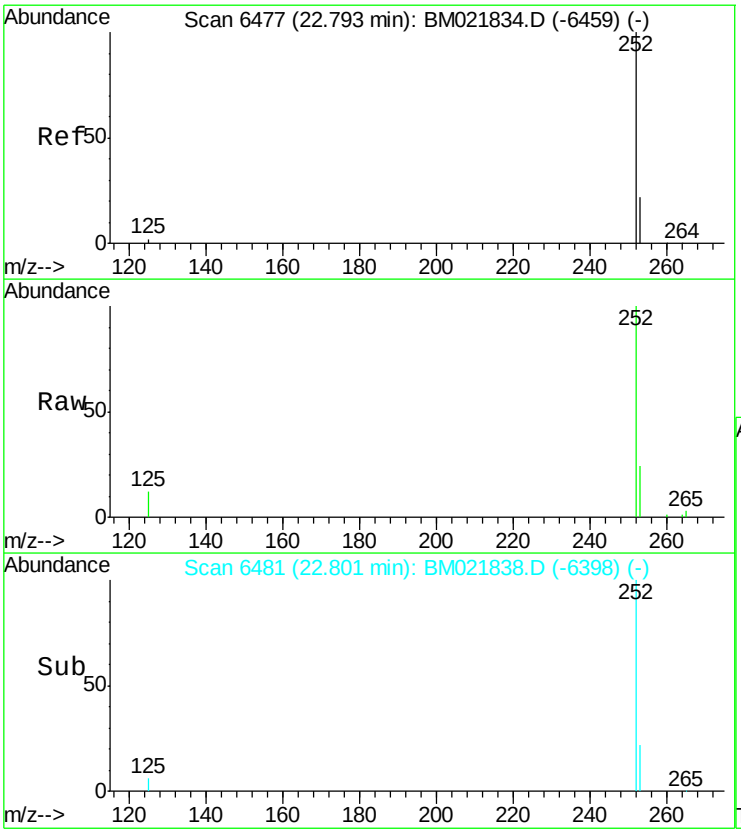
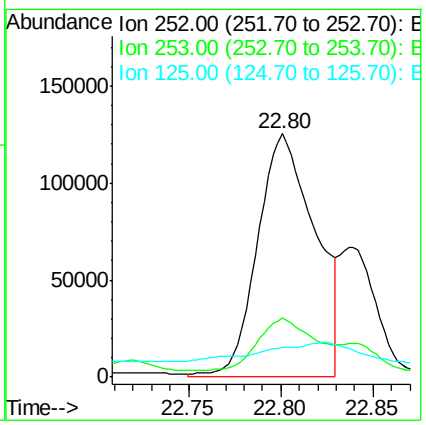
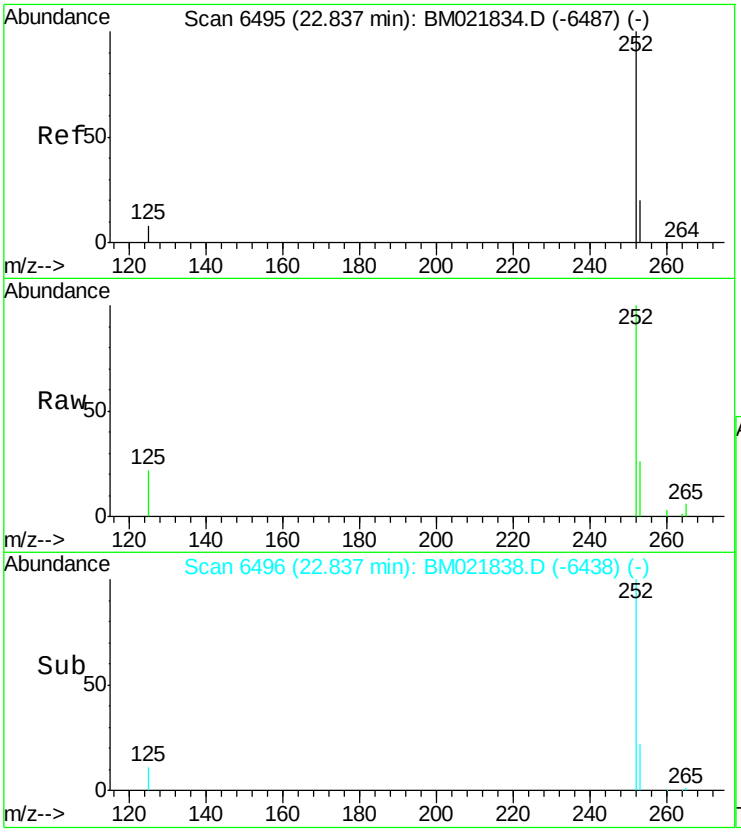


#21
Benzo(b)fluoranthene
Concen: 11.820 ng/ul m
RT: 22.80 min Scan# 6481
Delta R.T. -0.00 min
Lab File: BM021838.D
Acq: 05 Aug 2019 10:33

Tgt Ion:252 Resp: 274197

Ion	Ratio	Lower	Upper
252	100		
253	24.3	0.0	67.4
125	12.2	0.0	31.0





#22
Benzo(k)fluoranthene
Concen: 3.638 ng/ul m
RT: 22.84 min Scan# 6496
Delta R.T. -0.01 min
Lab File: BM021838.D
Acq: 05 Aug 2019 10:33

Tgt Ion:252 Resp: 95496

Ion	Ratio	Lower	Upper
252	100		
253	26.3	27.0	40.4#
125	21.9	12.2	18.2#

Instrument :
BNA_M
ClientSampleId :
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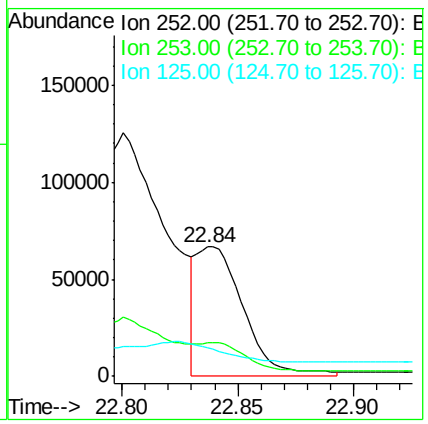
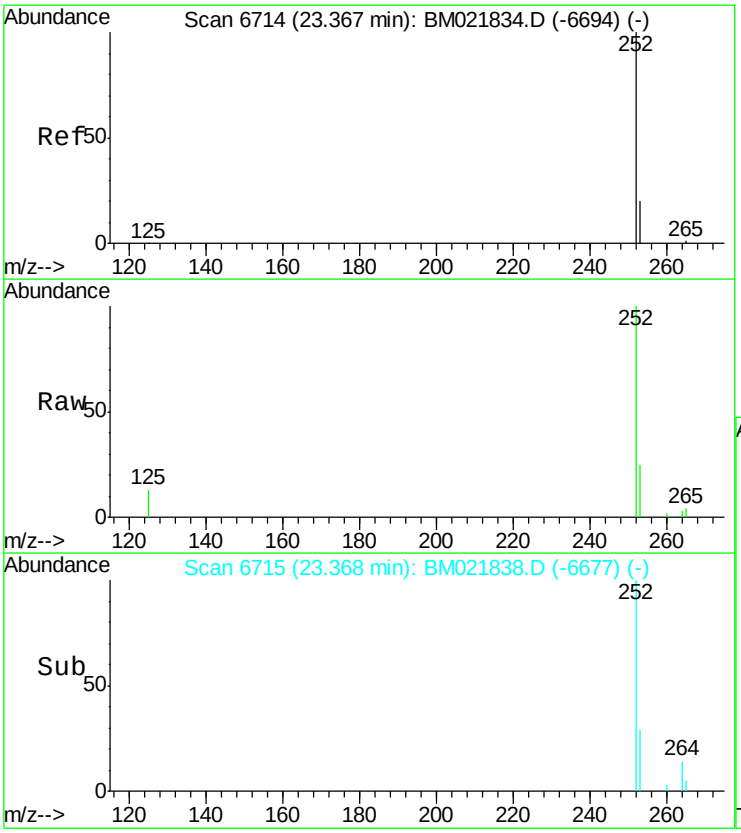
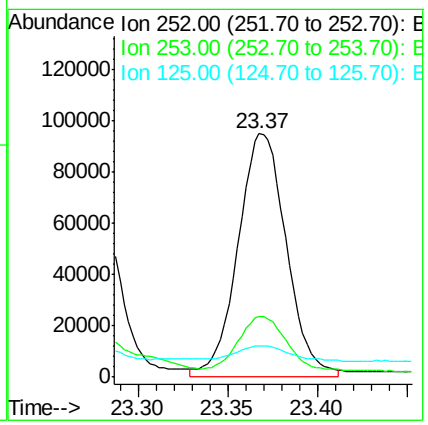


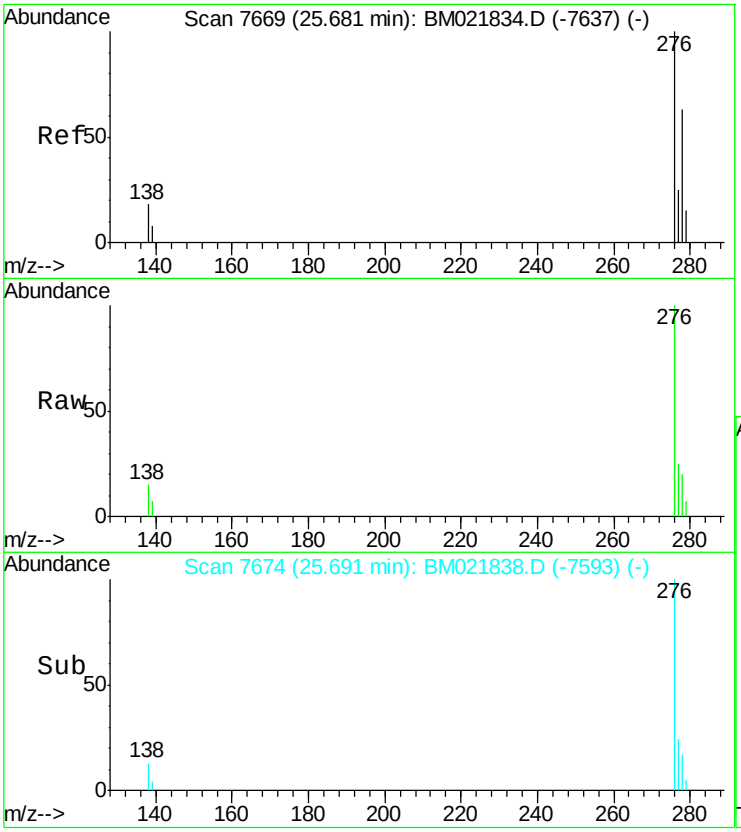


#23
Benzo(a)pyrene
Concen: 7.557 ng/ul m
RT: 23.37 min Scan# 6715
Delta R.T. -0.01 min
Lab File: BM021838.D
Acq: 05 Aug 2019 10:33

Tgt Ion:252 Resp: 178281

Ion	Ratio	Lower	Upper
252	100		
253	25.0	31.7	47.5#
125	12.9	14.6	21.8#





#24
Indeno(1,2,3-cd)pyrene
Concen: 5.276 ng/ul m
RT: 25.69 min Scan# 7674
Delta R.T. -0.00 min
Lab File: BM021838.D
Acq: 05 Aug 2019 10:33

Tgt Ion:276 Resp: 148610

Ion	Ratio	Lower	Upper
276	100		
138	1.8	15.1	22.7#
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampleId :
BENS5

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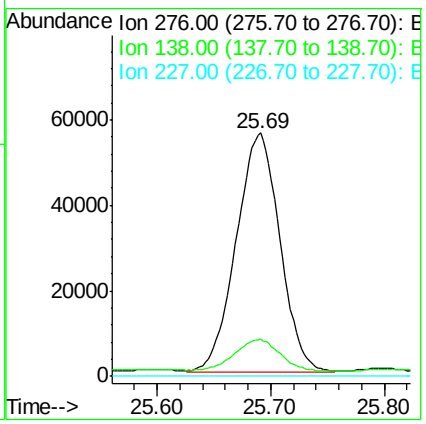
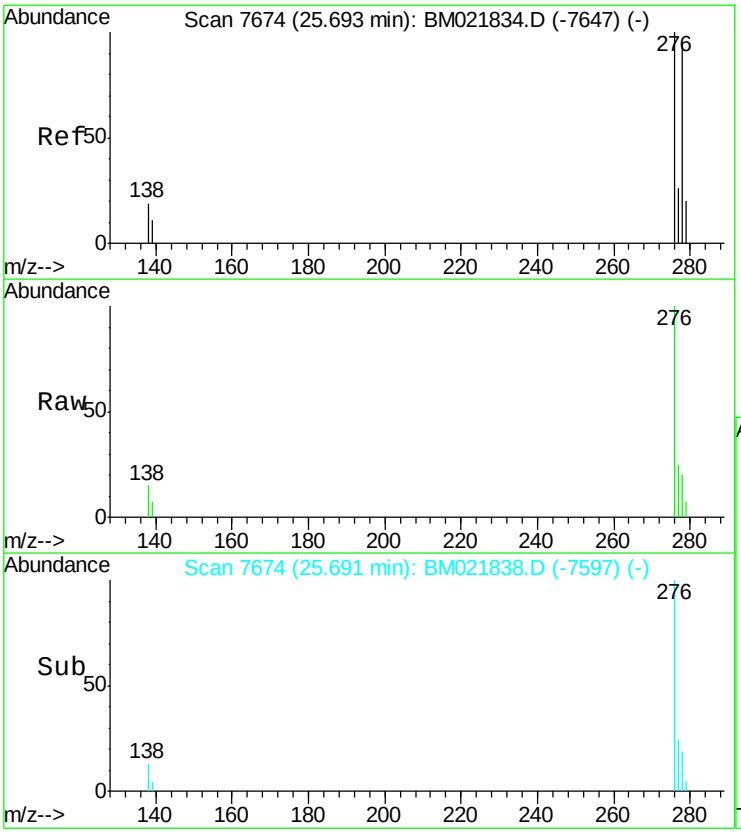
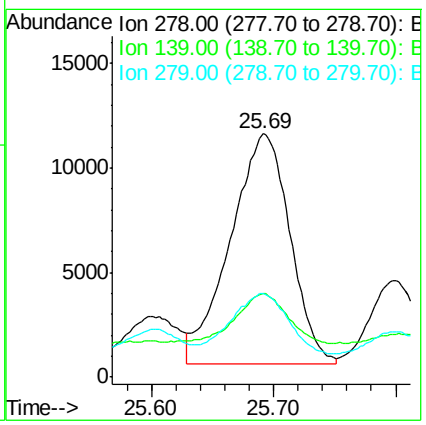


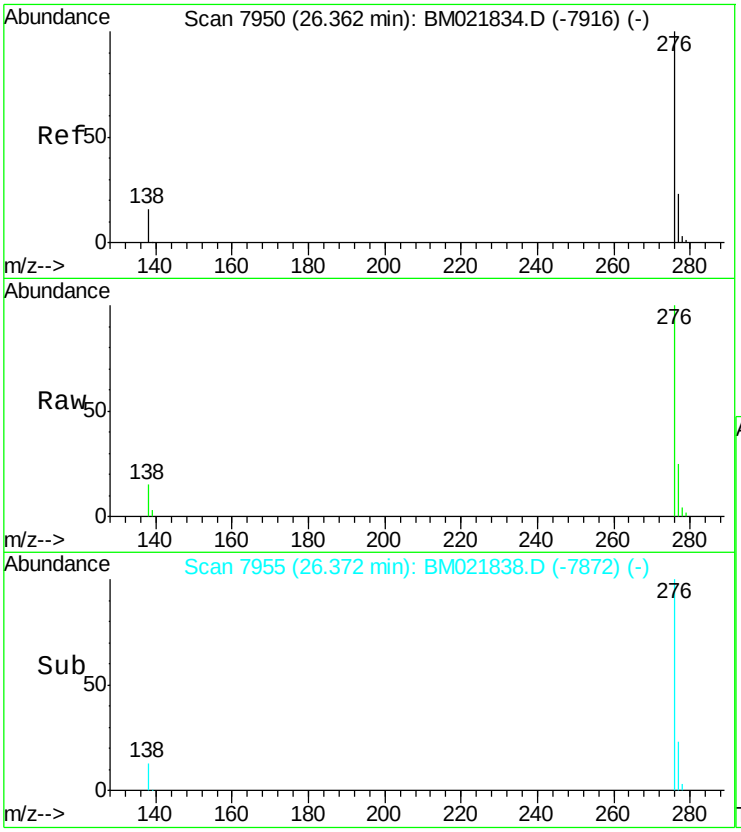


#25
Dibenzo(a,h)anthracene
Concen: 1.644 ng/ul m
RT: 25.69 min Scan# 7674
Delta R.T. -0.01 min
Lab File: BM021838.D
Acq: 05 Aug 2019 10:33

Tgt Ion:278 Resp: 37421

Ion	Ratio	Lower	Upper
278	100		
139	34.5	14.2	21.2#
279	34.5	28.3	42.5

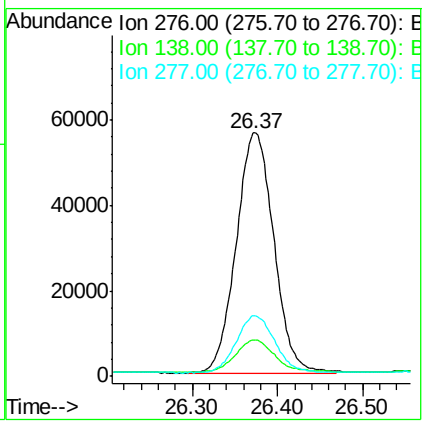




#26
Benzo(g,h,i)perylene
Concen: 6.802 ng/ul m
RT: 26.37 min Scan# 7955
Delta R.T. -0.00 min
Lab File: BM021838.D
Acq: 05 Aug 2019 10:33

Tgt Ion:276 Resp: 172481

Ion	Ratio	Lower	Upper
276	100		
138	14.9	15.5	23.3#
277	24.8	21.4	32.2



Instrument :
BNA_M
ClientSampleId :
BENS5

Manual Integrations APPROVED
mohammad
8/5/2019 10:17:11 PM