Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
Data File : BM021917.D
Acq On : 08 Aug 2019 04:36
Operator : HP/JU
Sample : K4029-15
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY5

Manual Integrations APPROVED
mohammad
8/9/2019 6:11:29 AM

Quant Time: Aug 08 07:03:12 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 : Thu Aug 08 06:54:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	892	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	3853	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	2155	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.03	188	4930m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	4730m	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	4773m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	1579	0.25	ng/ul	-0.01
14) Fluoranthene-d10	19.07	212	4148m	0.25	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.45	128	785	0.072	ng/ul#	89
5) 2-Methylnaphthalene	12.09	142	394	0.054	ng/ul	99
7) Acenaphthylene	14.00	152	2127	0.212	ng/ul#	83
8) Acenaphthene	14.34	153	471	0.057	ng/ul	95
9) Fluorene	15.33	166	686	0.075	ng/ul#	94
12) Phenanthrene	17.07	178	14614m	1.019	ng/ul	
13) Anthracene	17.17	178	3603m	0.294	ng/ul	
15) Fluoranthene	19.10	202	39737m	2.068	ng/ul	
17) Pyrene	19.46	202	37466	1.928	ng/ul	99
18) Benzo(a)anthracene	21.21	228	21411	1.266	ng/ul	98
19) Chrysene	21.27	228	24498	1.126	ng/ul	99
21) Benzo(b)fluoranthene	22.78	252	32695m	2.031	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	12481m	0.685	ng/ul	
23) Benzo(a)pyrene	23.34	252	21558m	1.317	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.66	276	15640m	0.800	ng/ul	
25) Dibenzo(a,h)anthracene	25.66	278	4274m	0.271	ng/ul	
26) Benzo(g,h,i)perylene	26.34	276	12398m	0.705	ng/ul	

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

Quantitation Report (QT Reviewed)

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Data File : BM021917.D
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Misc :
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Instrument :
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ClientSampleId :
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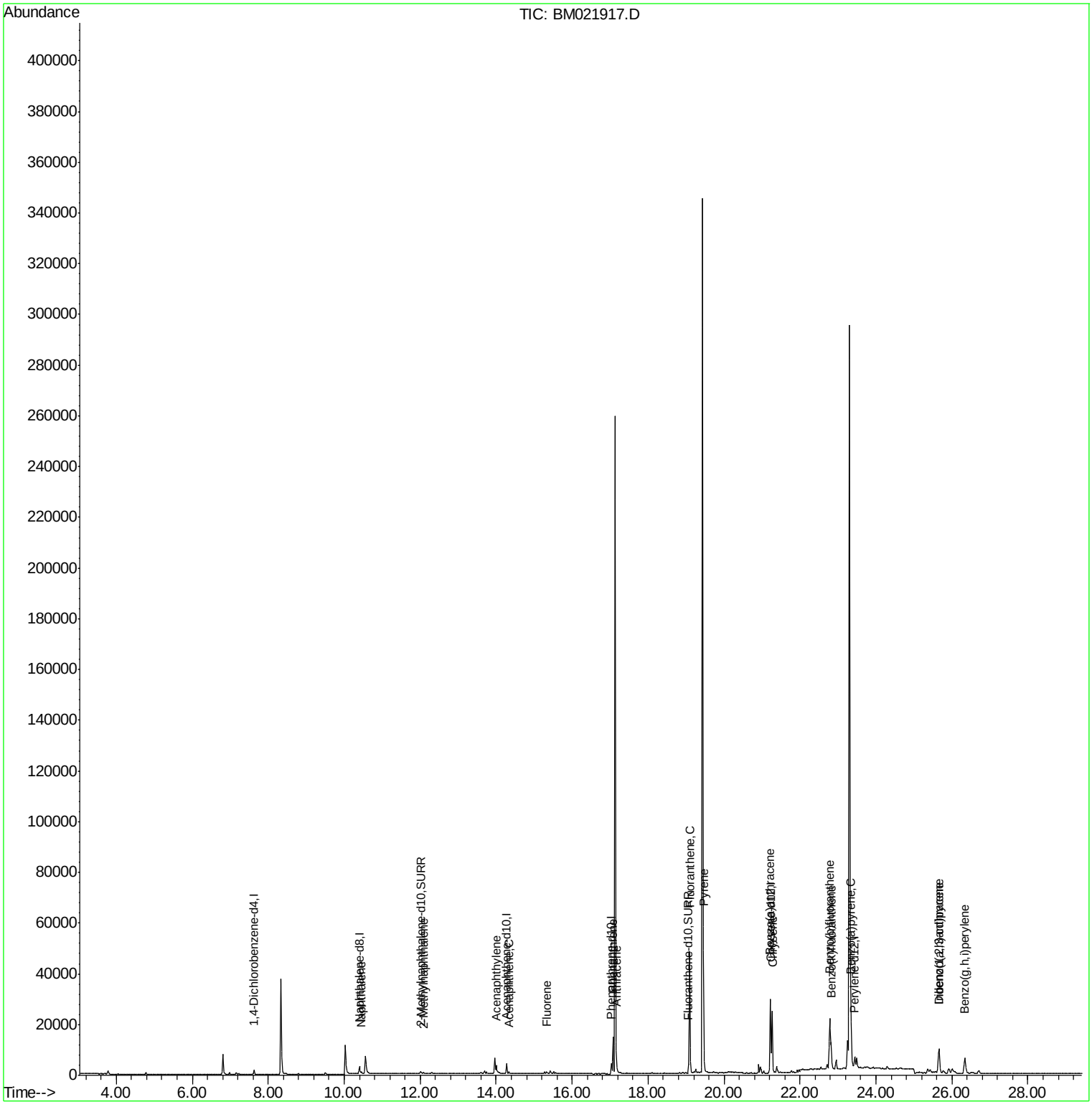

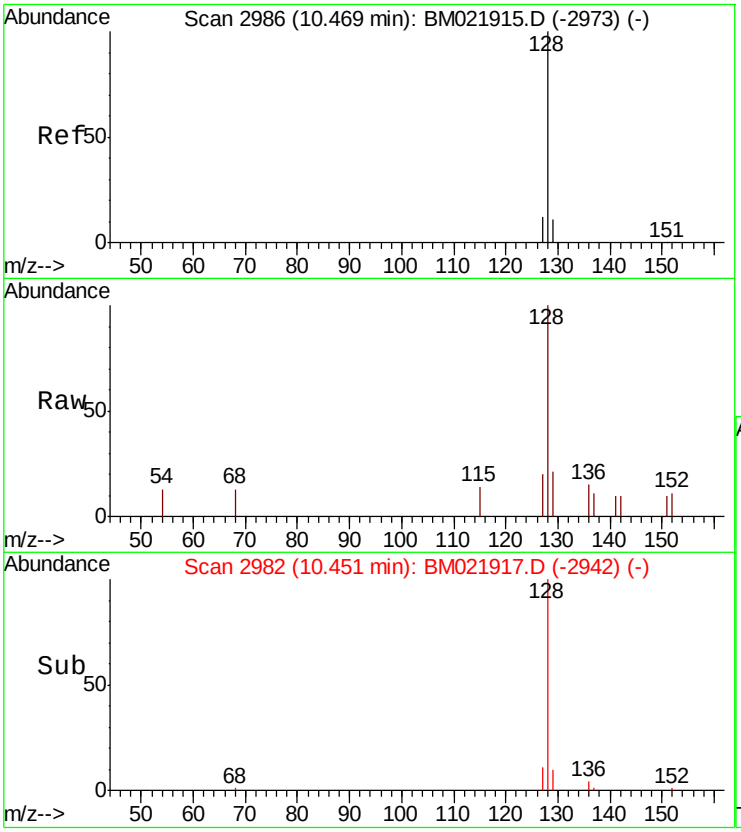

#3
Naphthalene
Concen: 0.072 ng/ul
RT: 10.45 min Scan# 2982
Delta R.T. -0.02 min
Lab File: BM021917.D
Acq: 08 Aug 2019 04:36

Tgt Ion:128 Resp: 785

Ion	Ratio	Lower	Upper
128	100		
129	21.0	12.3	18.5#
127	19.8	13.0	19.6#

Instrument :
BNA_M
ClientSampleId :
BENY5

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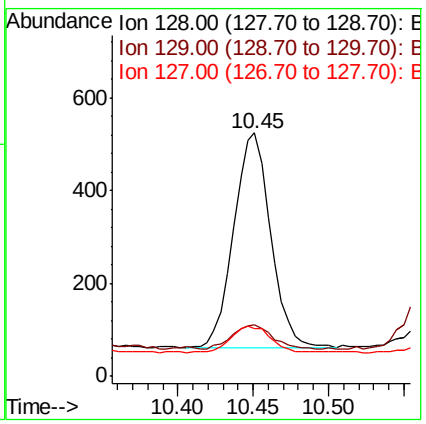
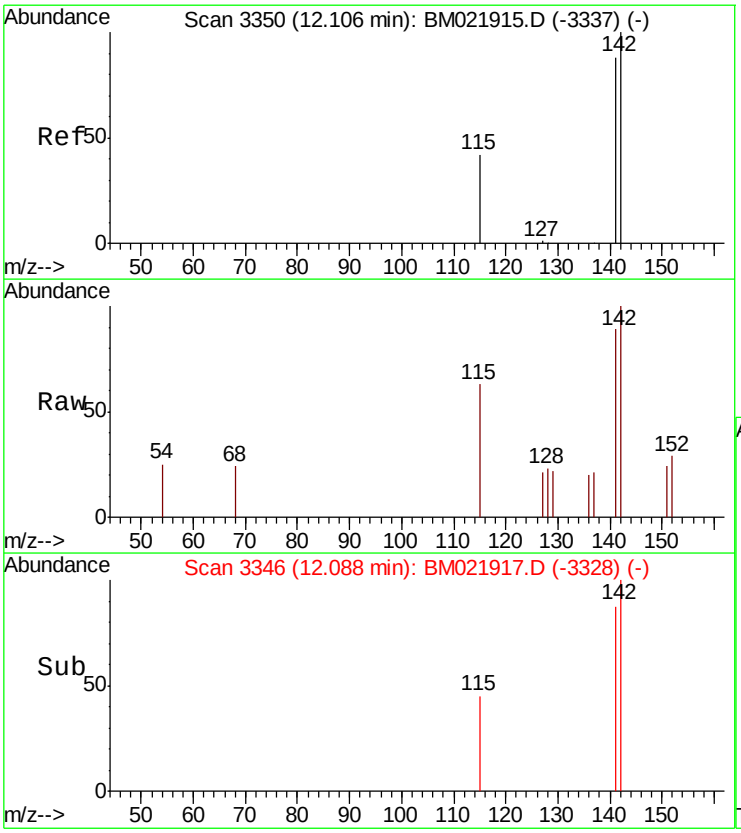
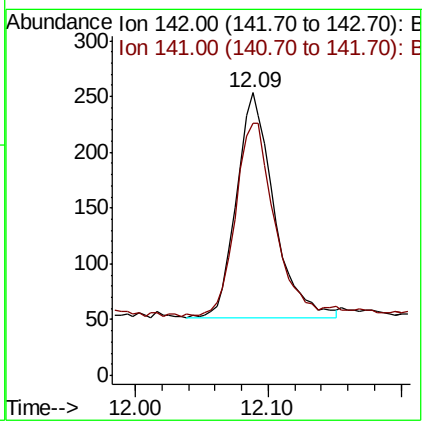


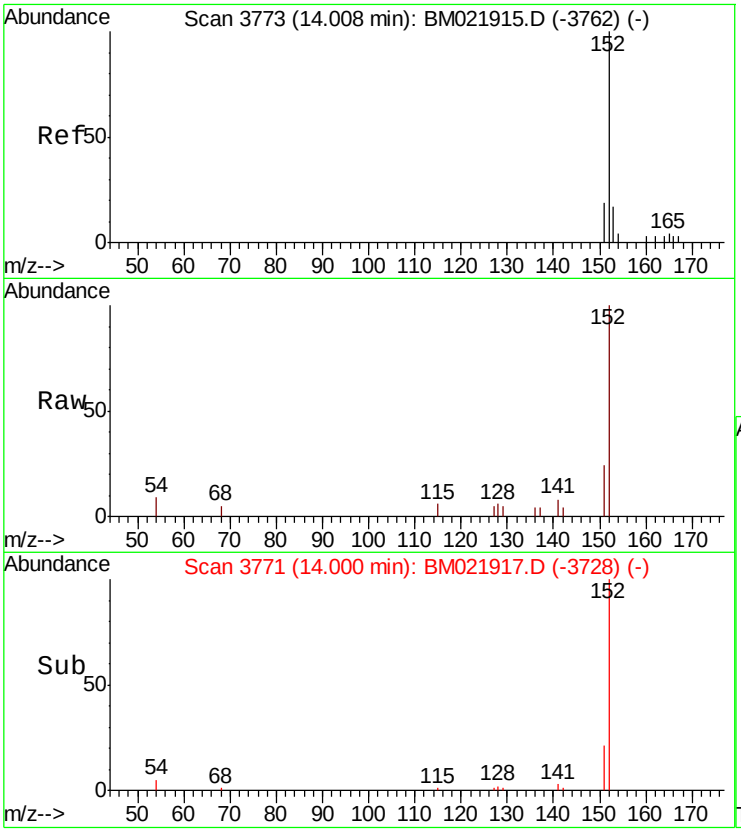


#5
2-Methylnaphthalene
Concen: 0.054 ng/ul
RT: 12.09 min Scan# 3346
Delta R.T. -0.02 min
Lab File: BM021917.D
Acq: 08 Aug 2019 04:36

Tgt Ion:142 Resp: 394

Ion	Ratio	Lower	Upper
142	100		
141	91.9	74.3	111.5

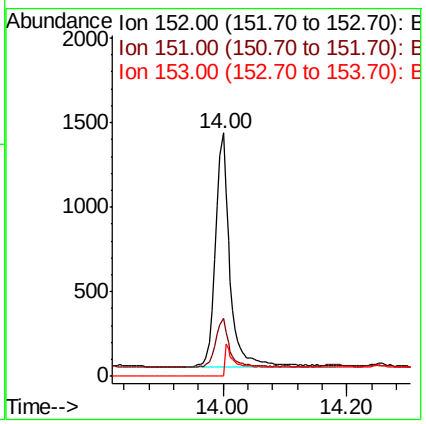




#7
Acenaphthylene
Concen: 0.212 ng/ul
RT: 14.00 min Scan# 3771
Delta R.T. -0.01 min
Lab File: BM021917.D
Acq: 08 Aug 2019 04:36

Tgt Ion:152 Resp: 2127

Ion	Ratio	Lower	Upper
152	100		
151	24.0	18.3	27.5
153	0.0	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
BENY5

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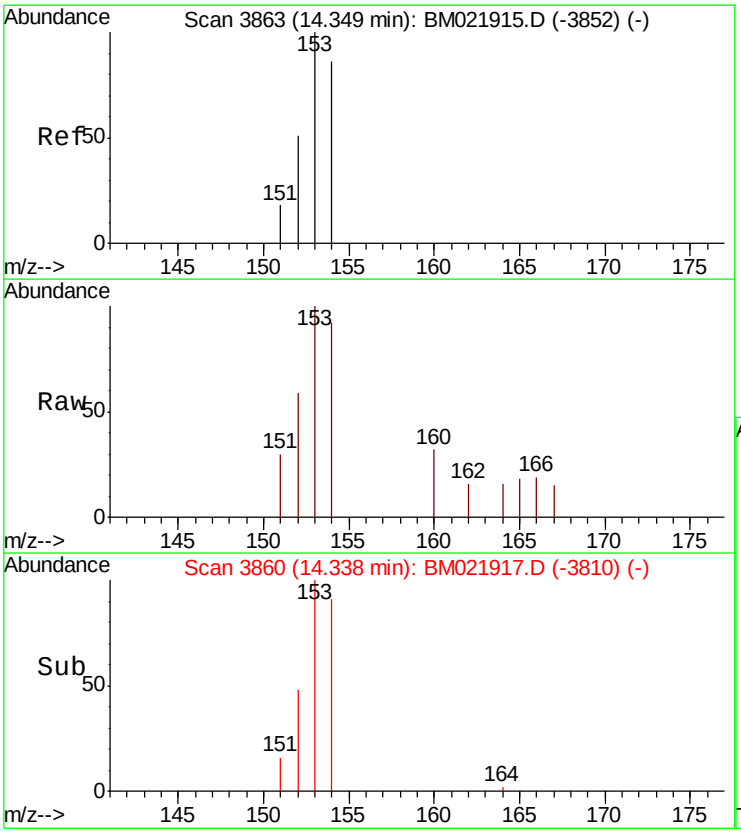
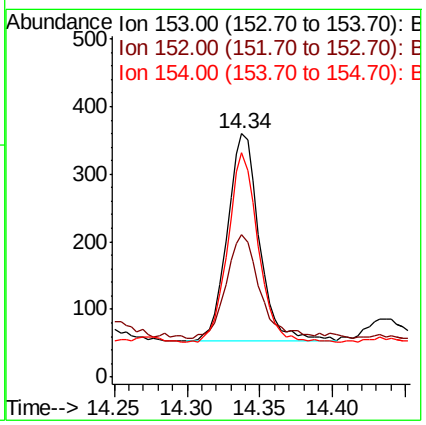
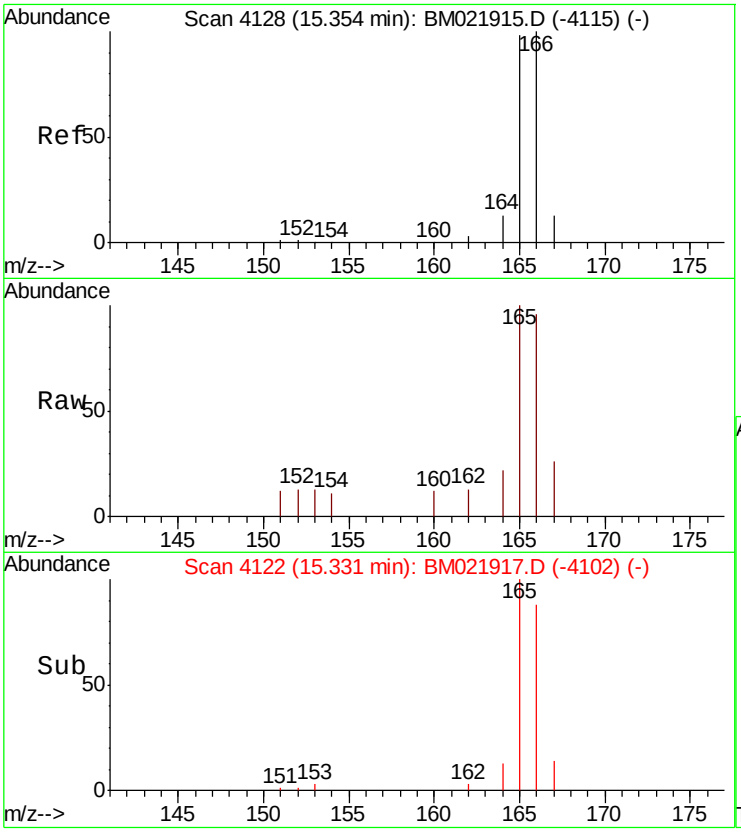


#8
Acenaphthene
Concen: 0.057 ng/ul
RT: 14.34 min Scan# 3860
Delta R.T. -0.01 min
Lab File: BM021917.D
Acq: 08 Aug 2019 04:36

Tgt Ion:153 Resp: 471

Ion	Ratio	Lower	Upper
153	100		
152	58.6	41.3	61.9
154	92.2	72.3	108.5

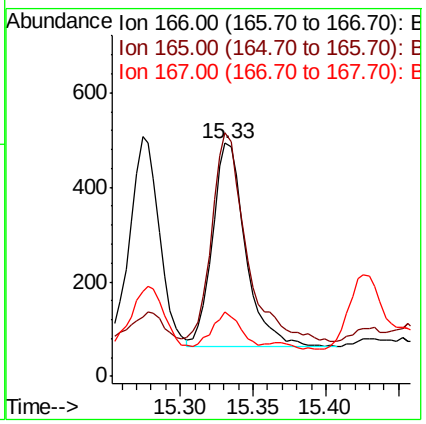




#9
Fluorene
Concen: 0.075 ng/ul
RT: 15.33 min Scan# 4122
Delta R.T. -0.02 min
Lab File: BM021917.D
Acq: 08 Aug 2019 04:36

Tgt Ion:166 Resp: 686

Ion	Ratio	Lower	Upper
166	100		
165	104.5	81.4	122.0
167	27.6	13.7	20.5#



Instrument :
BNA_M
ClientSampleId :
BENY5

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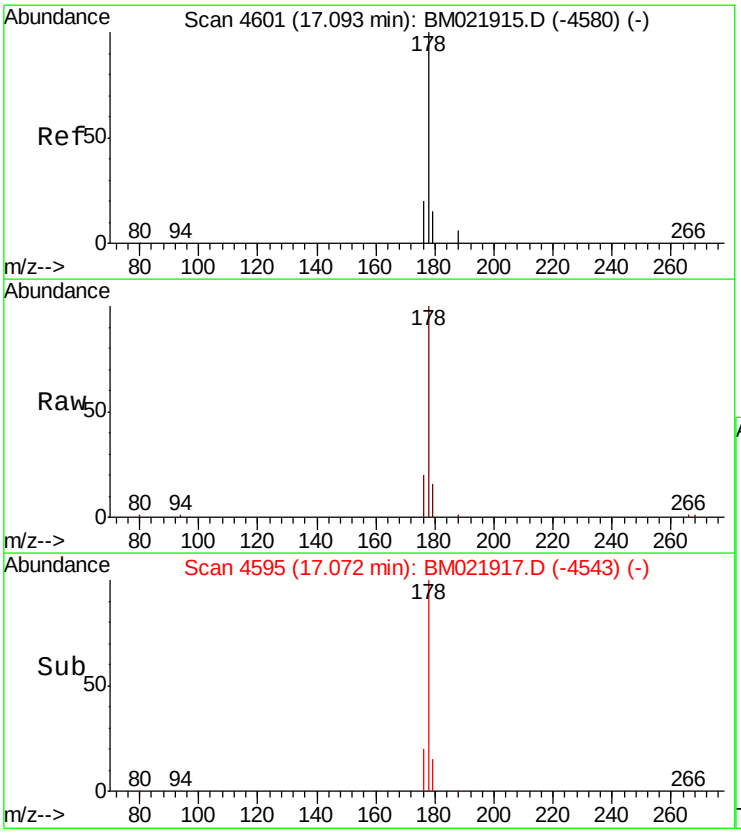
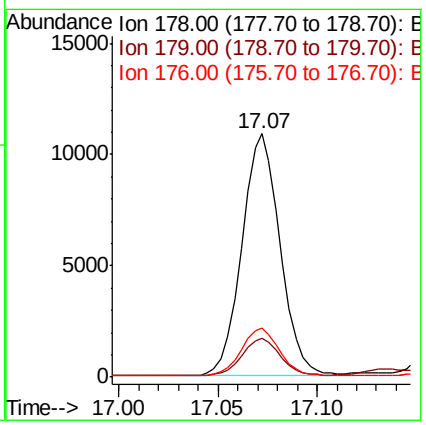
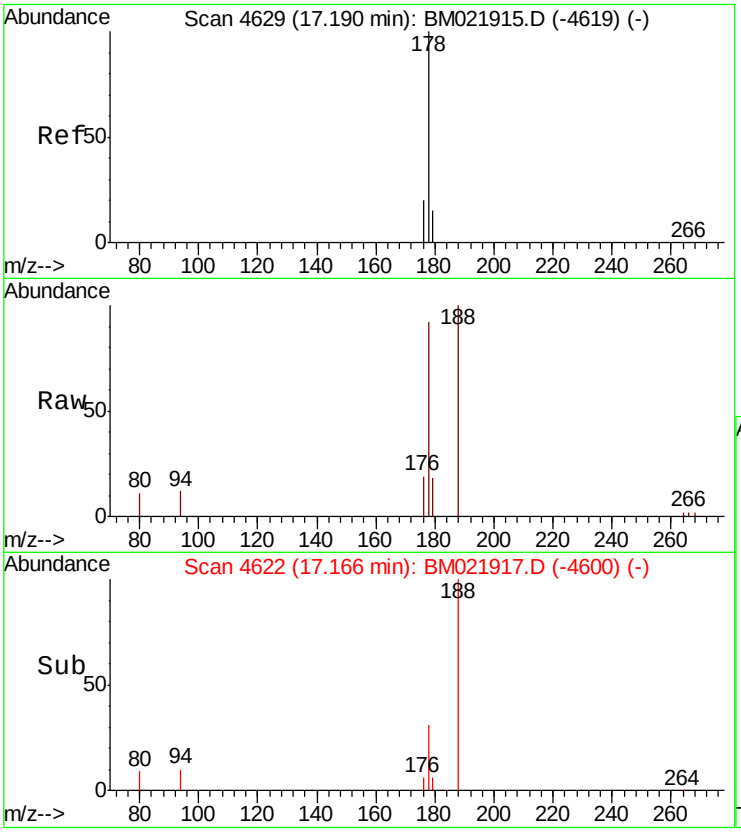


#12
Phenanthrene
Concen: 1.019 ng/ul m
RT: 17.07 min Scan# 4595
Delta R.T. -0.02 min
Lab File: BM021917.D
Acq: 08 Aug 2019 04:36

Tgt Ion:178 Resp: 14614

Ion	Ratio	Lower	Upper
178	100		
179	16.1	14.2	21.2
176	20.1	16.8	25.2

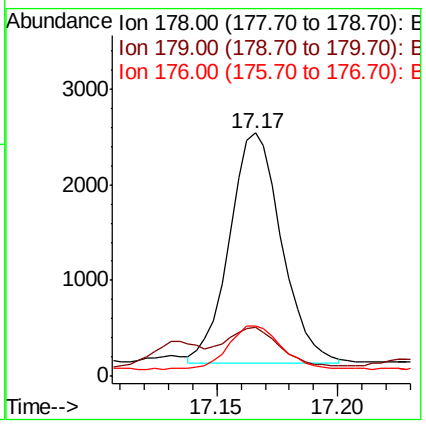




#13
Anthracene
Concen: 0.294 ng/ul m
RT: 17.17 min Scan# 4622
Delta R.T. -0.02 min
Lab File: BM021917.D
Acq: 08 Aug 2019 04:36

Tgt Ion:178 Resp: 3603

Ion	Ratio	Lower	Upper
178	100		
179	20.0	15.5	23.3
176	20.5	16.6	25.0



Instrument :
BNA_M
ClientSampleId :
BENY5

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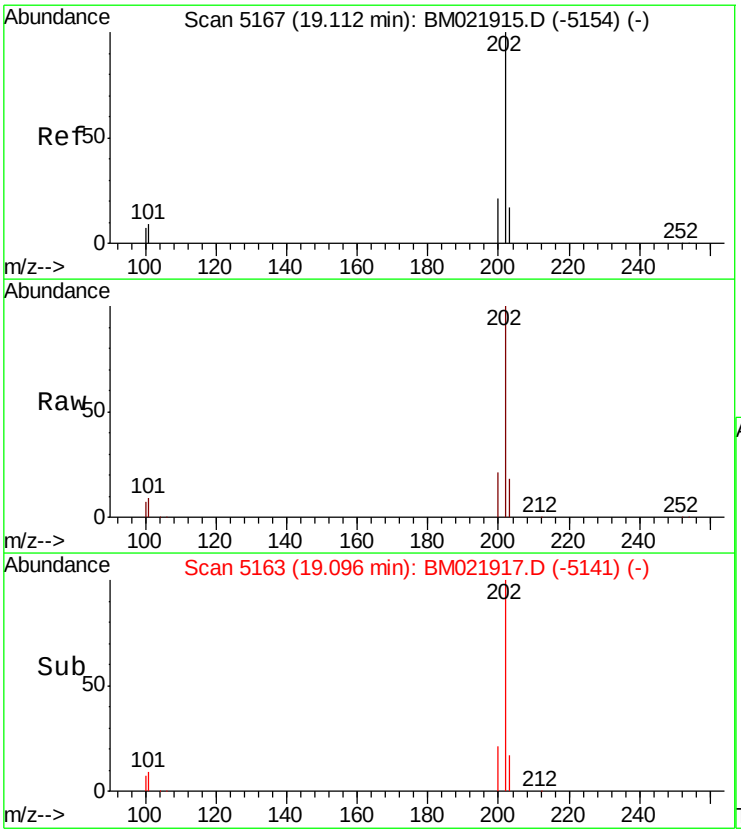
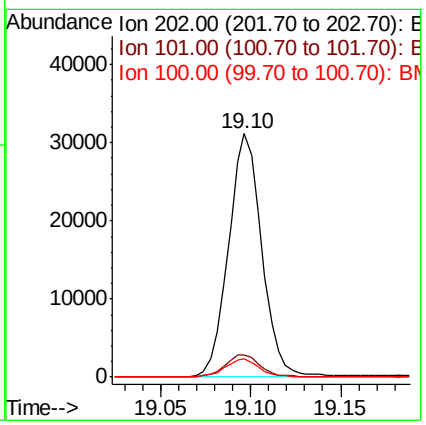
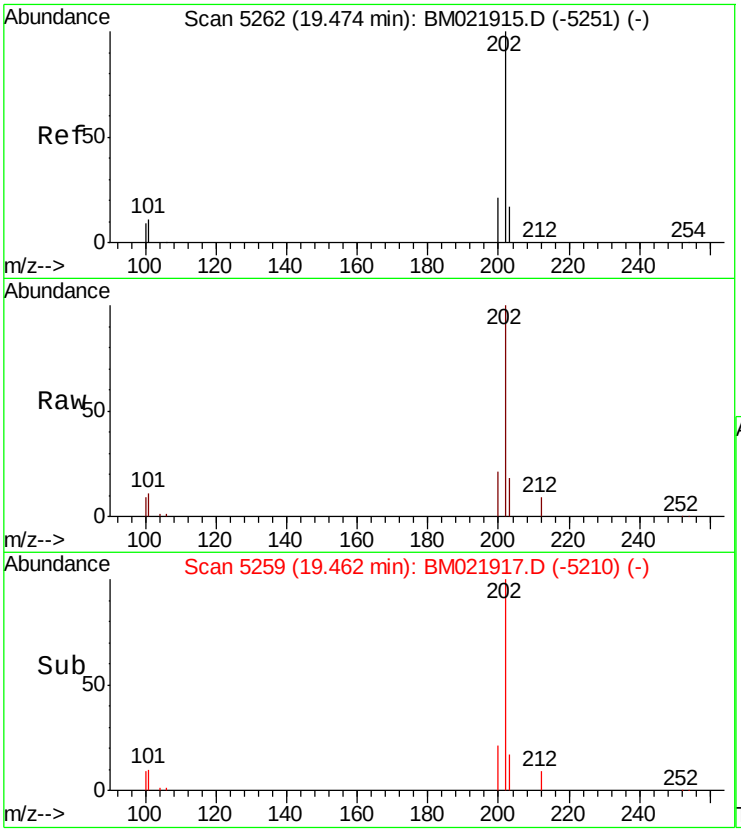


#15
Fluoranthene
Concen: 2.068 ng/ul m
RT: 19.10 min Scan# 5163
Delta R.T. -0.02 min
Lab File: BM021917.D
Acq: 08 Aug 2019 04:36

Tgt Ion:202 Resp: 39737

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	30.2
100	7.3	0.0	28.1





#17
Pyrene
Concen: 1.928 ng/ul
RT: 19.46 min Scan# 5259
Delta R.T. -0.01 min
Lab File: BM021917.D
Acq: 08 Aug 2019 04:36

Tgt Ion:202 Resp: 37466

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.3	12.5
100	8.7	7.2	10.8

Instrument :
BNA_M
ClientSampleId :
BENY5

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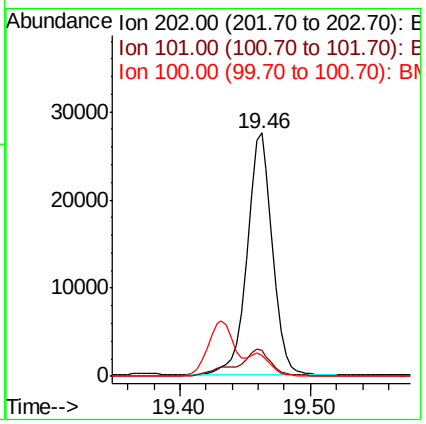
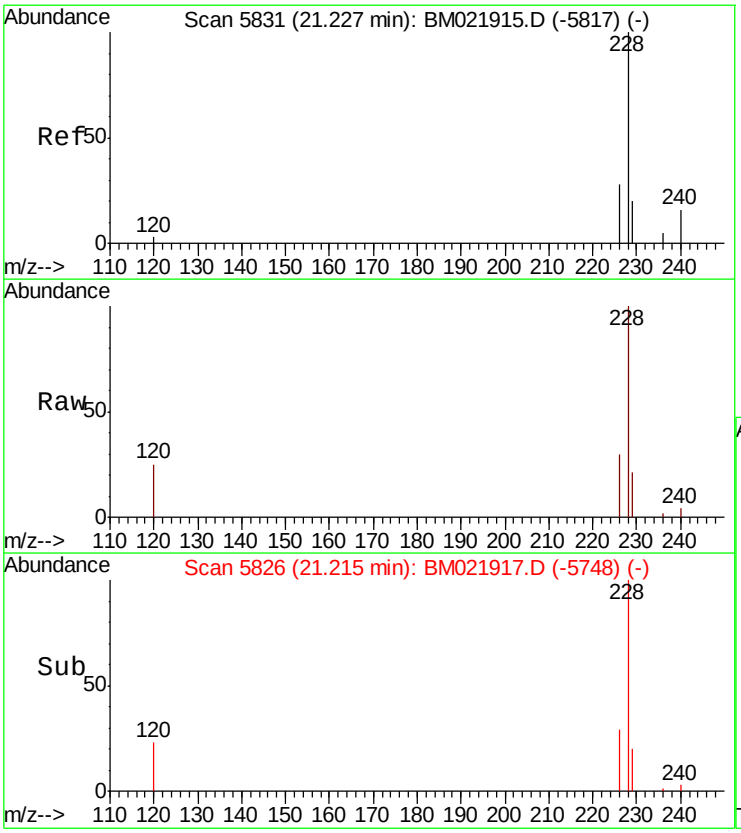
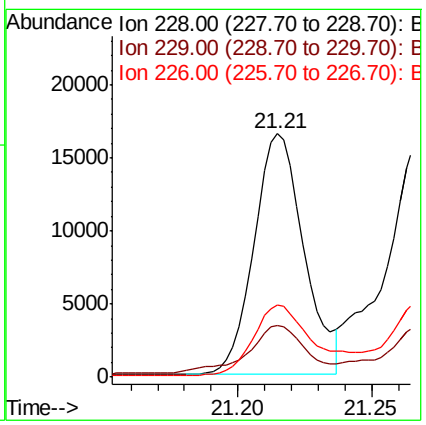


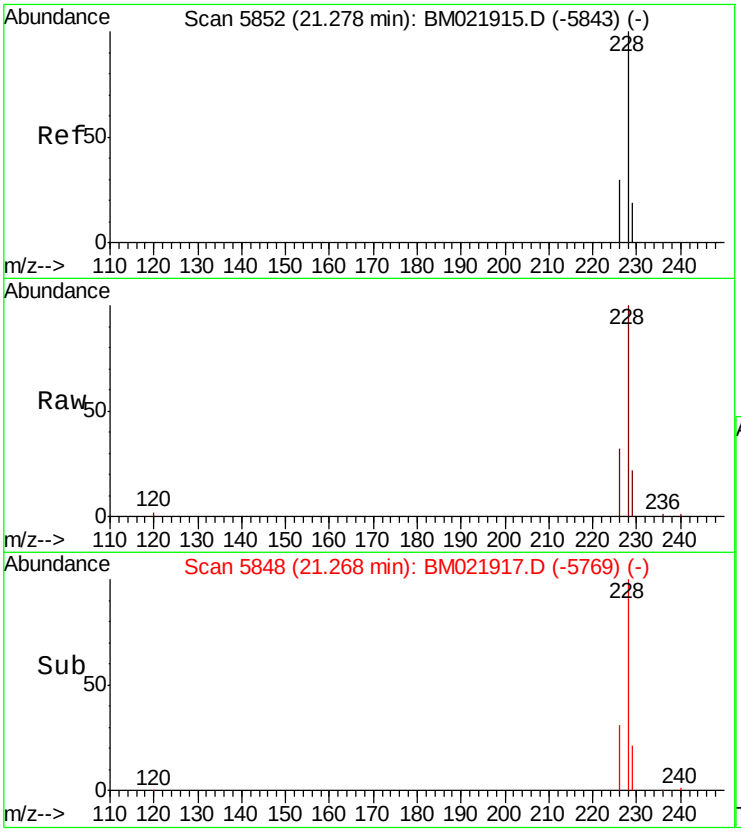


#18
Benzo(a)anthracene
Concen: 1.266 ng/ul
RT: 21.21 min Scan# 5826
Delta R.T. -0.01 min
Lab File: BM021917.D
Acq: 08 Aug 2019 04:36

Tgt Ion:228 Resp: 21411

Ion	Ratio	Lower	Upper
228	100		
229	21.0	17.2	25.8
226	29.5	22.6	34.0

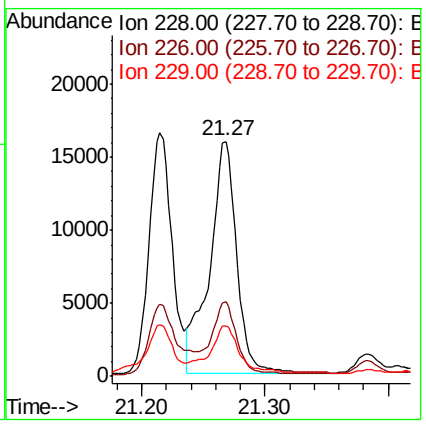




#19
Chrysene
Concen: 1.126 ng/ul
RT: 21.27 min Scan# 5848
Delta R.T. -0.01 min
Lab File: BM021917.D
Acq: 08 Aug 2019 04:36

Tgt Ion:228 Resp: 24498

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.9	37.3
229	21.6	16.6	25.0



Instrument :
BNA_M
ClientSampleId :
BENY5

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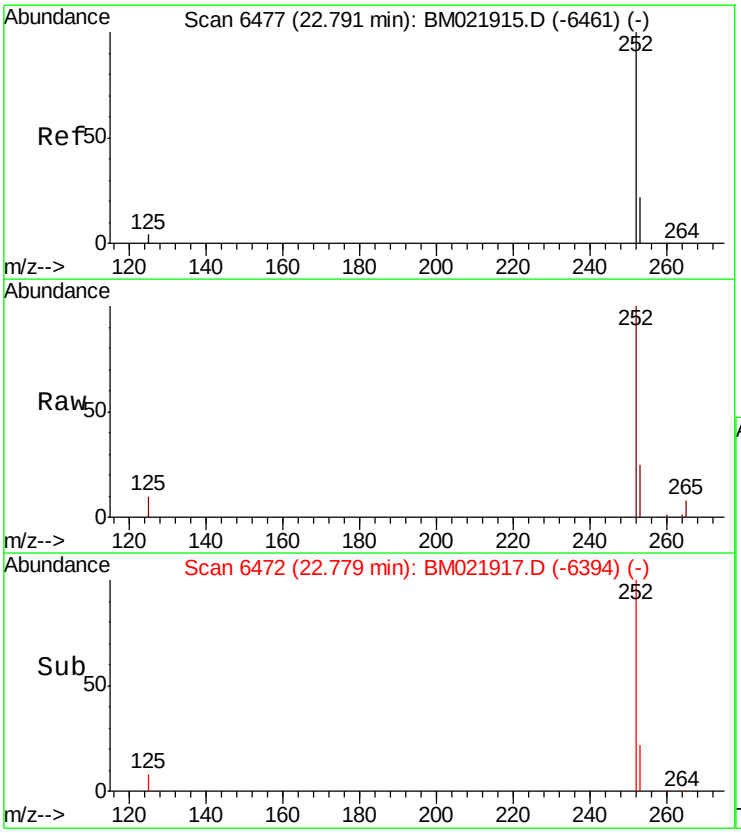
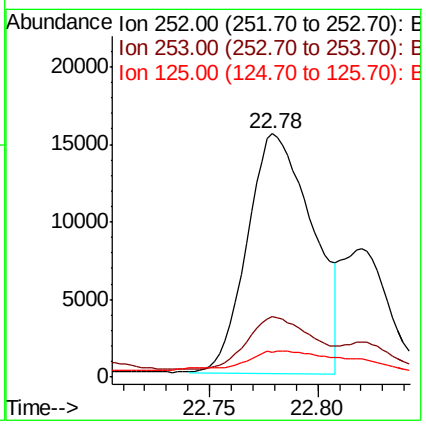
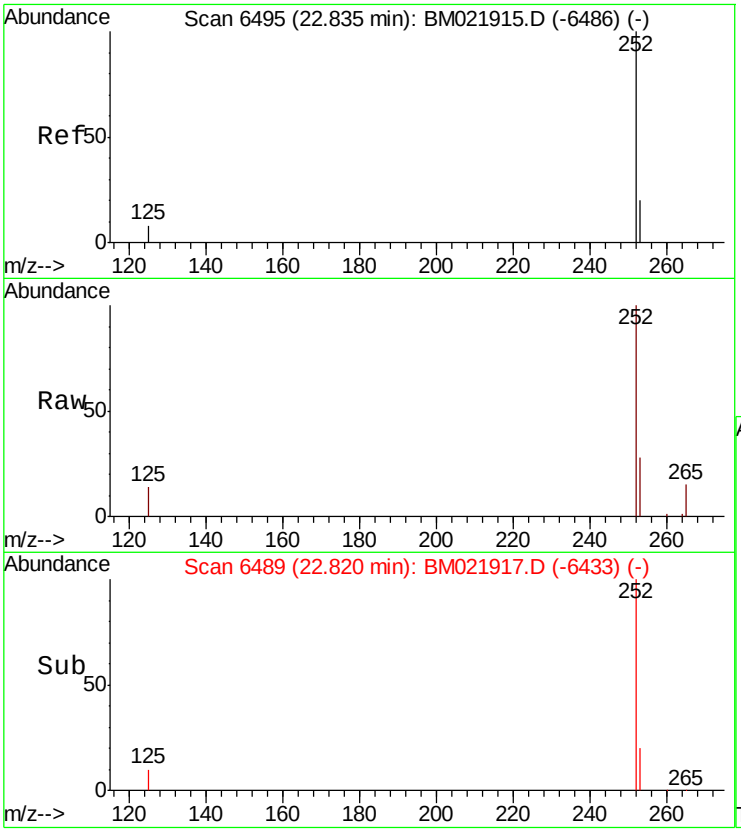


#21
Benzo(b)fluoranthene
Concen: 2.031 ng/ul m
RT: 22.78 min Scan# 6472
Delta R.T. -0.01 min
Lab File: BM021917.D
Acq: 08 Aug 2019 04:36

Tgt Ion:252 Resp: 32695

Ion	Ratio	Lower	Upper
252	100		
253	24.8	0.0	67.4
125	10.4	0.0	31.0





#22
Benzo(k)fluoranthene
Concen: 0.685 ng/ul m
RT: 22.82 min Scan# 6489
Delta R.T. -0.01 min
Lab File: BM021917.D
Acq: 08 Aug 2019 04:36

Tgt Ion:252 Resp: 12481

Ion	Ratio	Lower	Upper
252	100		
253	27.5	27.0	40.4
125	14.0	12.2	18.2

Instrument :
BNA_M
ClientSampleId :
BENY5

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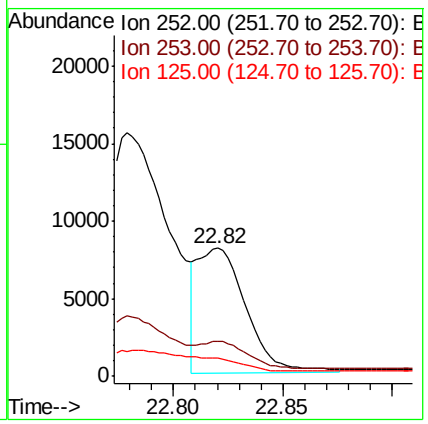
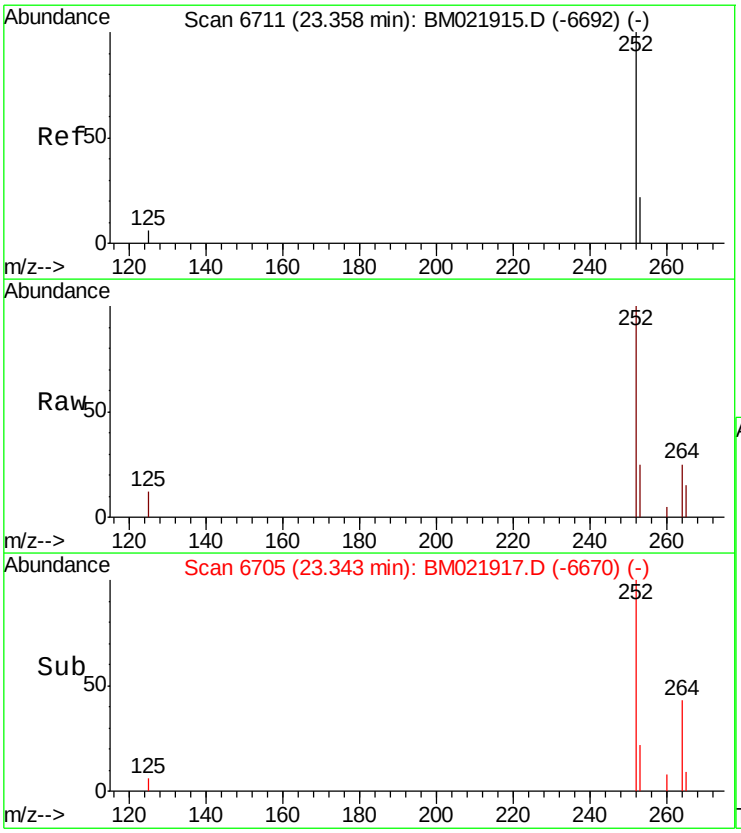
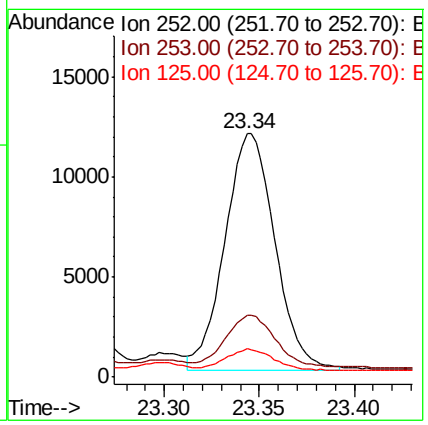


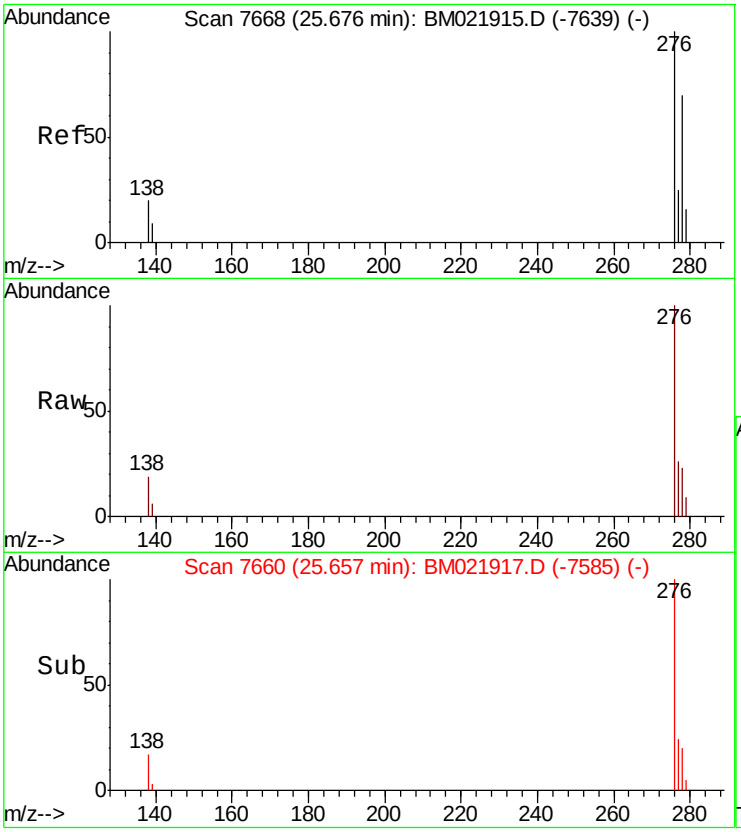


#23
Benzo(a)pyrene
Concen: 1.317 ng/ul m
RT: 23.34 min Scan# 6705
Delta R.T. -0.01 min
Lab File: BM021917.D
Acq: 08 Aug 2019 04:36

Tgt Ion:252 Resp: 21558

Ion	Ratio	Lower	Upper
252	100		
253	25.3	31.7	47.5#
125	11.6	14.6	21.8#

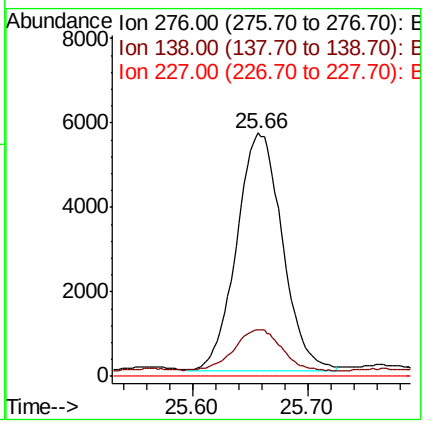




#24
Indeno(1,2,3-cd)pyrene
Concen: 0.800 ng/ul m
RT: 25.66 min Scan# 7660
Delta R.T. -0.02 min
Lab File: BM021917.D
Acq: 08 Aug 2019 04:36

Tgt Ion:276 Resp: 15640

Ion	Ratio	Lower	Upper
276	100		
138	1.6	15.1	22.7#
227	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
BENY5

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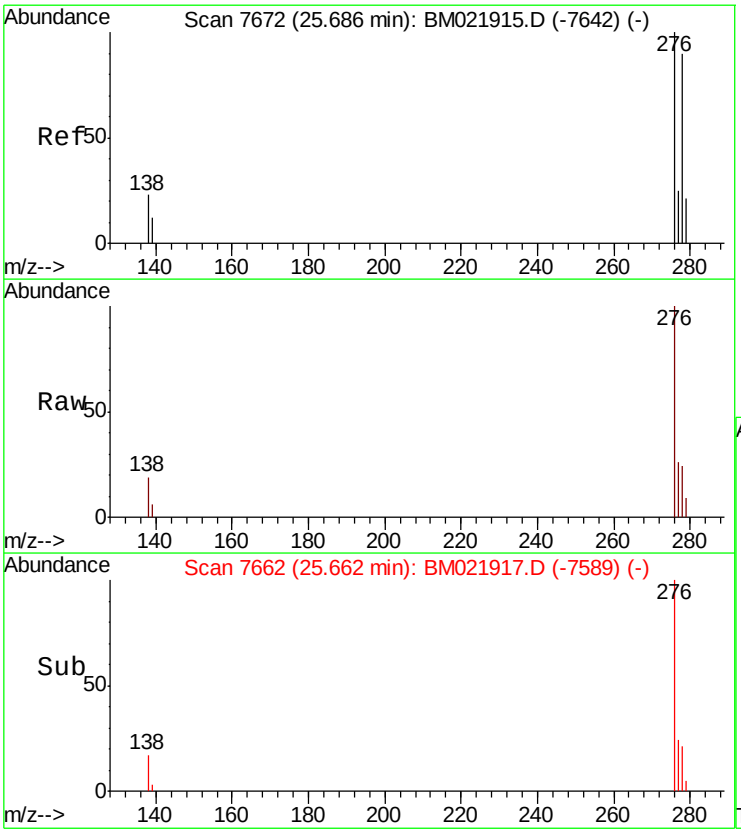
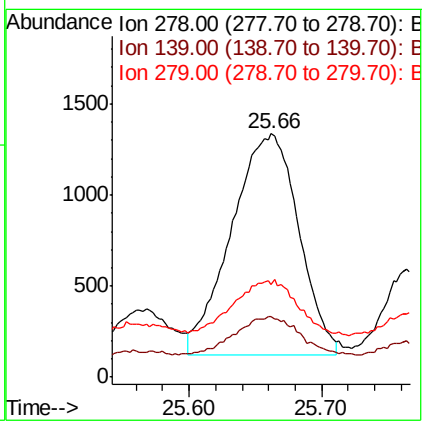
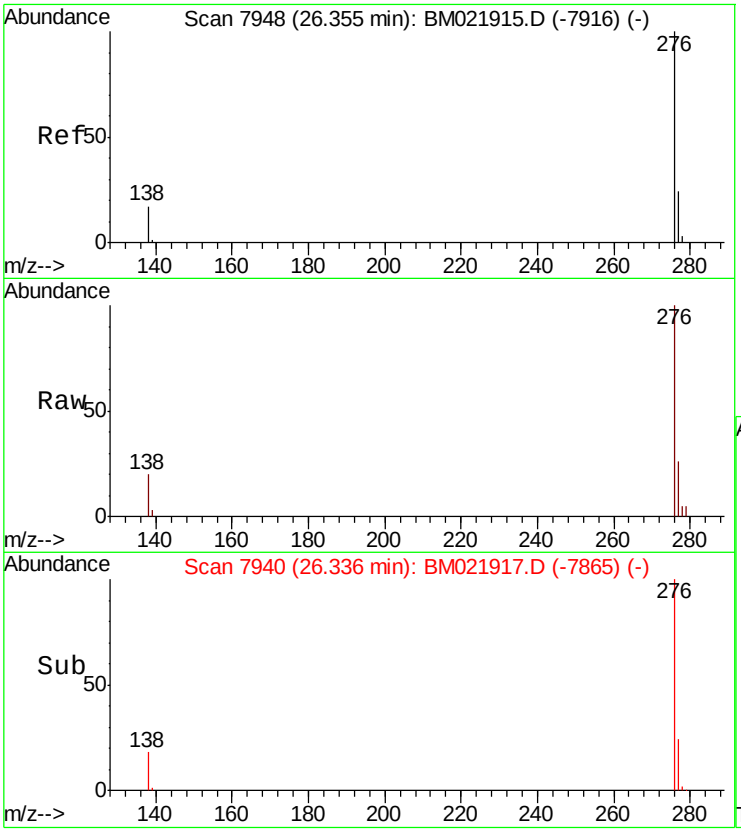


#25
Dibenzo(a,h)anthracene
Concen: 0.271 ng/ul m
RT: 25.66 min Scan# 7662
Delta R.T. -0.02 min
Lab File: BM021917.D
Acq: 08 Aug 2019 04:36

Tgt Ion:278 Resp: 4274

Ion	Ratio	Lower	Upper
278	100		
139	25.0	14.2	21.2#
279	38.1	28.3	42.5

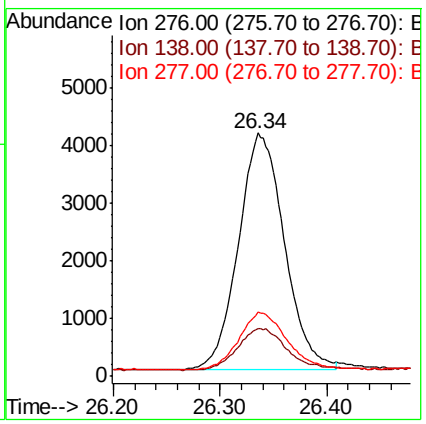




#26
Benzo(g,h,i)perylene
Concen: 0.705 ng/ul m
RT: 26.34 min Scan# 7940
Delta R.T. -0.02 min
Lab File: BM021917.D
Acq: 08 Aug 2019 04:36

Tgt Ion:276 Resp: 12398

Ion	Ratio	Lower	Upper
276	100		
138	19.9	15.5	23.3
277	26.4	21.4	32.2



Instrument :
BNA_M
ClientSampleId :
BENY5

Manual Integrations APPROVED
mohammad
8/9/2019 6:11:29 AM