Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080619\
Data File : BM021871.D
Acq On : 06 Aug 2019 22:57
Operator : HP/JU
Sample : K3922-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52F1

Manual Integrations APPROVED
mohammad
8/7/2019 12:12:23 PM

Quant Time: Aug 07 04:40:44 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 : Wed Aug 07 04:02:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	981	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	3988	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	2178	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	5096m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	5012m	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	5300m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	1216	0.18	ng/ul	-0.01
14) Fluoranthene-d10	19.07	212	3496m	0.20	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.45	128	2344	0.208	ng/ul	98
5) 2-Methylnaphthalene	12.09	142	631	0.084	ng/ul	97
7) Acenaphthylene	14.00	152	2476	0.244	ng/ul#	84
8) Acenaphthene	14.34	153	6712	0.808	ng/ul	97
9) Fluorene	15.34	166	9369	1.015	ng/ul	98
12) Phenanthrene	17.07	178	254020m	17.131	ng/ul	
13) Anthracene	17.17	178	17448m	1.379	ng/ul	
15) Fluoranthene	19.10	202	453212m	22.817	ng/ul	
17) Pyrene	19.47	202	347340	16.865	ng/ul	98
18) Benzo(a)anthracene	21.22	228	133406m	7.441	ng/ul	
19) Chrysene	21.27	228	176063	7.636	ng/ul	99
21) Benzo(b)fluoranthene	22.79	252	234624m	13.128	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	82079m	4.058	ng/ul	
23) Benzo(a)pyrene	23.36	252	142324m	7.831	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.66	276	113563m	5.233	ng/ul	
25) Dibenzo(a,h)anthracene	25.67	278	25774m	1.469	ng/ul	
26) Benzo(g,h,i)perylene	26.35	276	111934m	5.729	ng/ul	

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

Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED
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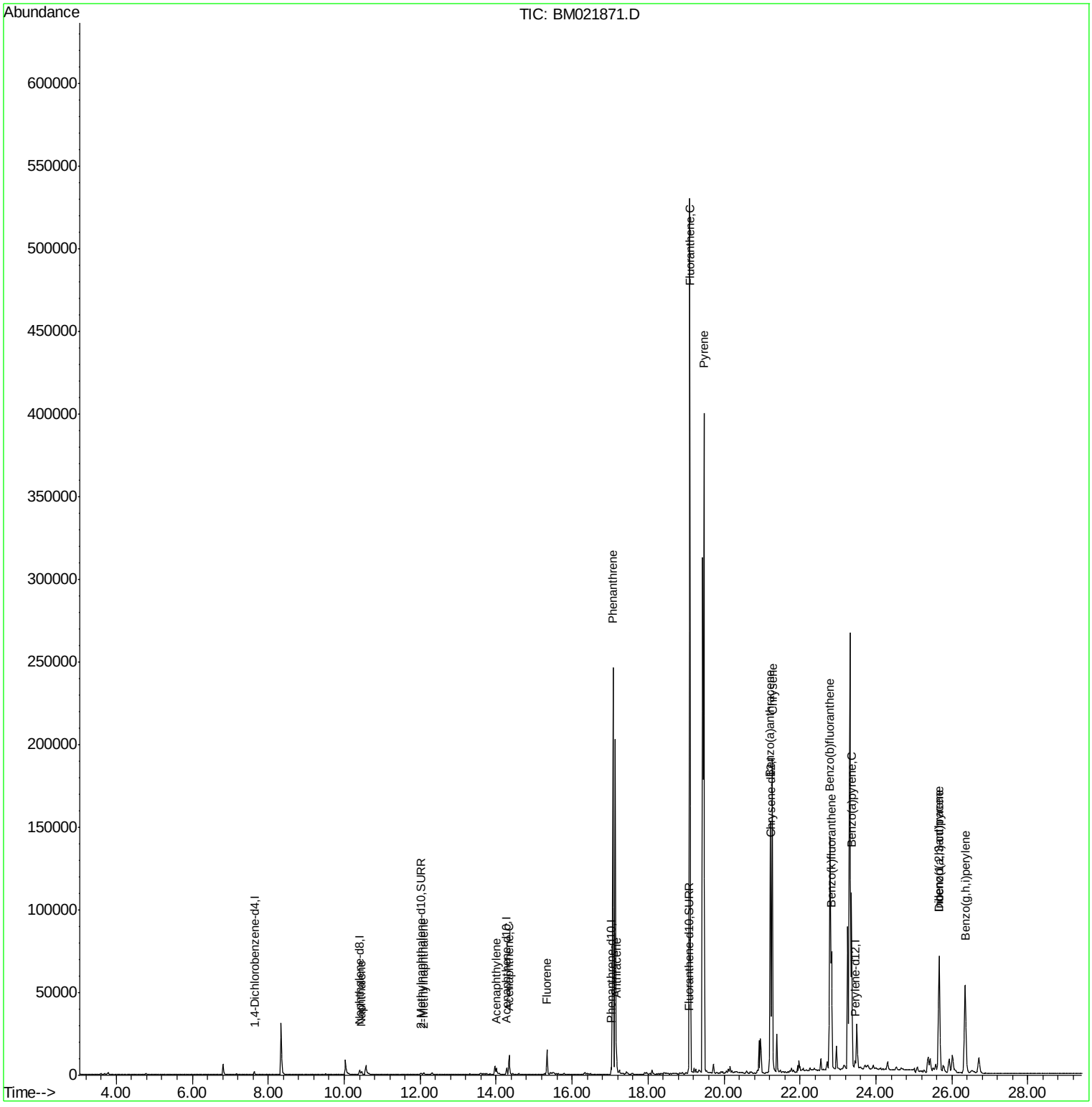
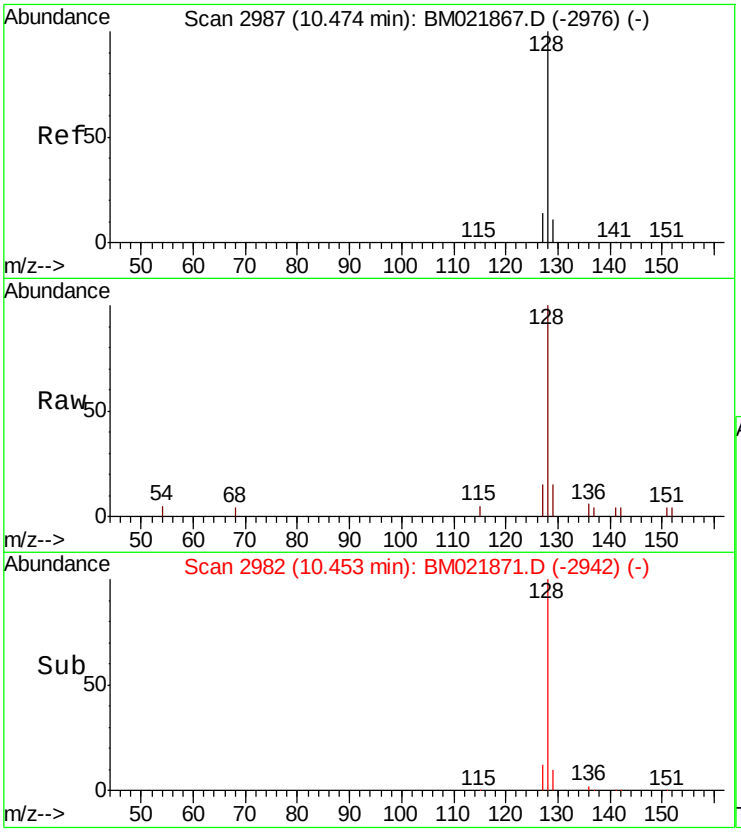
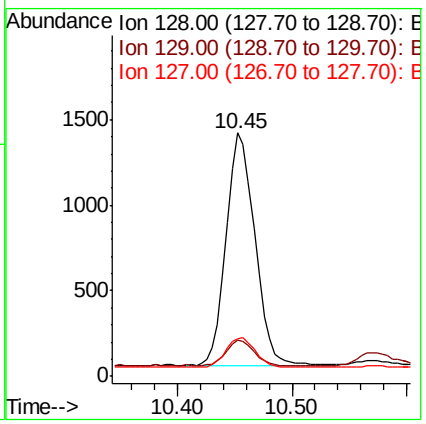




#3
Naphthalene
Concen: 0.208 ng/ul
RT: 10.45 min Scan# 2982
Delta R.T. -0.02 min
Lab File: BM021871.D
Acq: 06 Aug 2019 22:57

Tgt Ion:128 Resp: 2344

Ion	Ratio	Lower	Upper
128	100		
129	14.8	12.3	18.5
127	15.3	13.0	19.6



Instrument :
BNA_M
ClientSampleId :
A52F1

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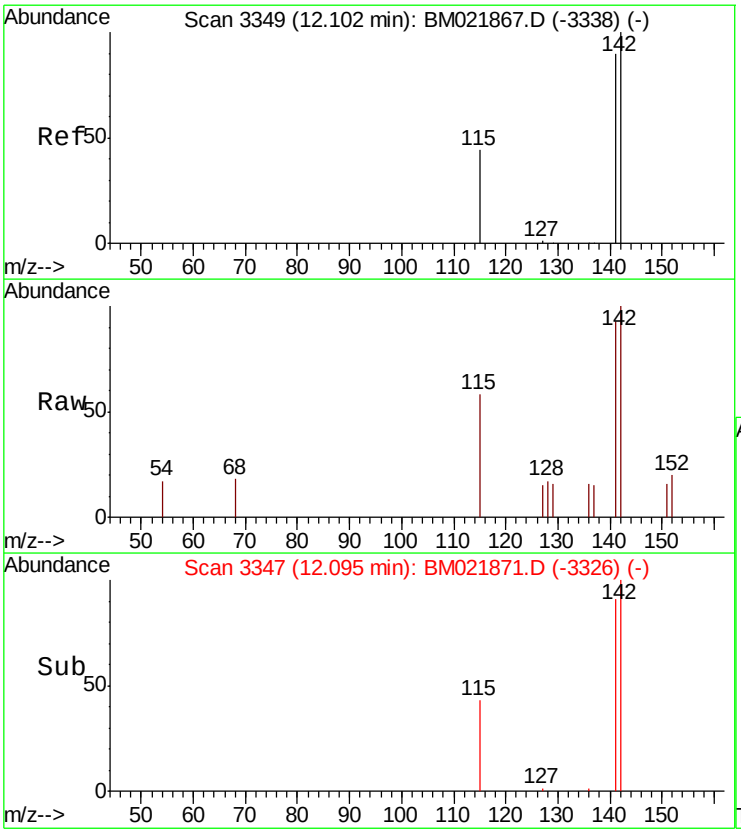
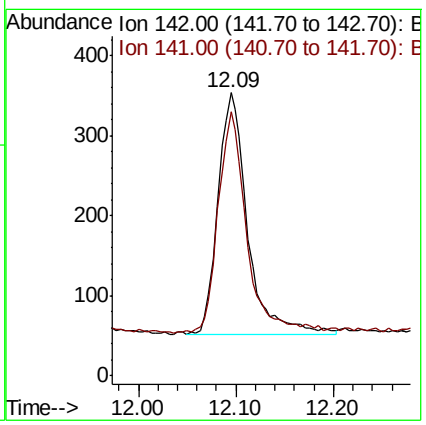
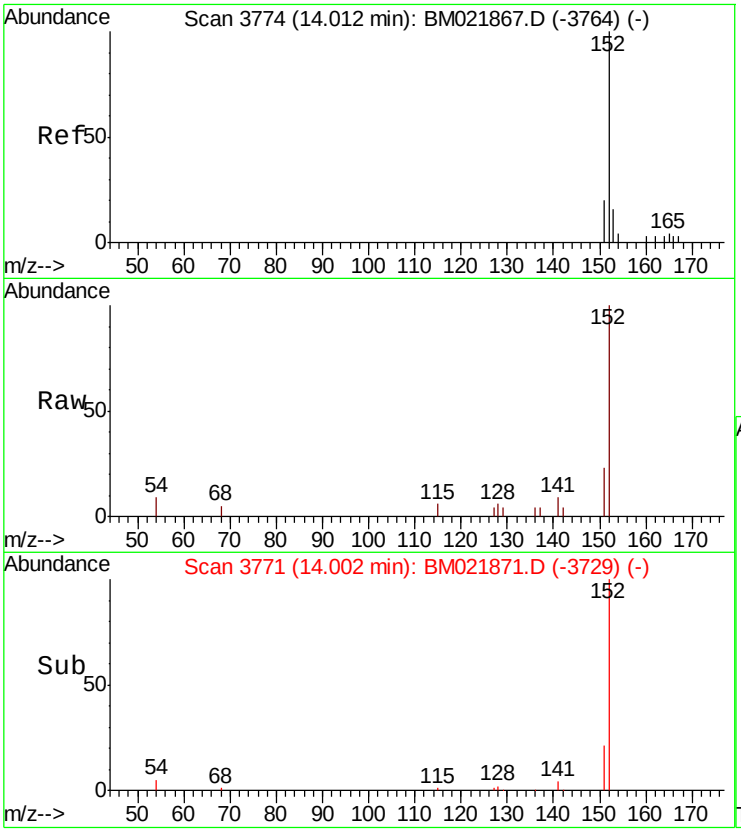


#5
2-Methylnaphthalene
Concen: 0.084 ng/ul
RT: 12.09 min Scan# 3347
Delta R.T. -0.01 min
Lab File: BM021871.D
Acq: 06 Aug 2019 22:57

Tgt Ion:142 Resp: 631

Ion	Ratio	Lower	Upper
142	100		
141	89.9	74.3	111.5

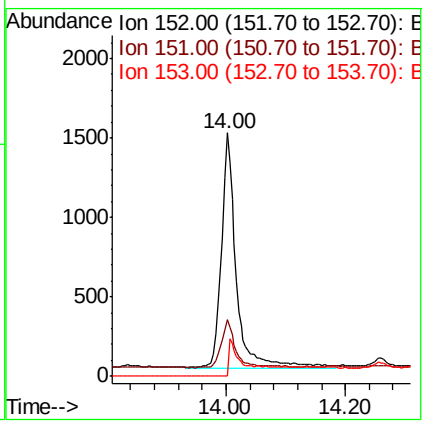




#7
Acenaphthylene
Concen: 0.244 ng/ul
RT: 14.00 min Scan# 3771
Delta R.T. -0.01 min
Lab File: BM021871.D
Acq: 06 Aug 2019 22:57

Tgt Ion:152 Resp: 2476

Ion	Ratio	Lower	Upper
152	100		
151	23.4	18.3	27.5
153	0.0	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
A52F1

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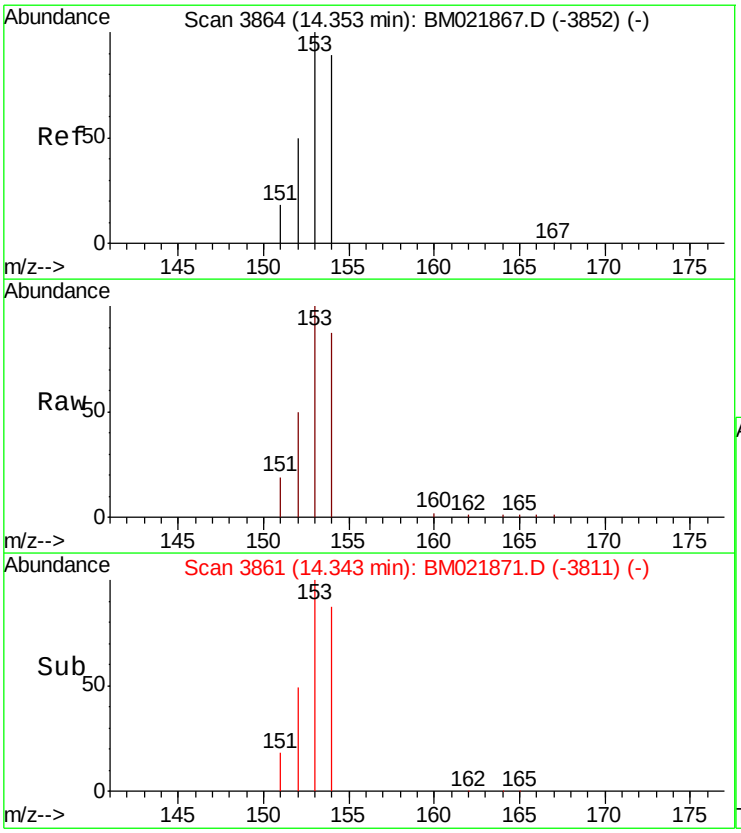
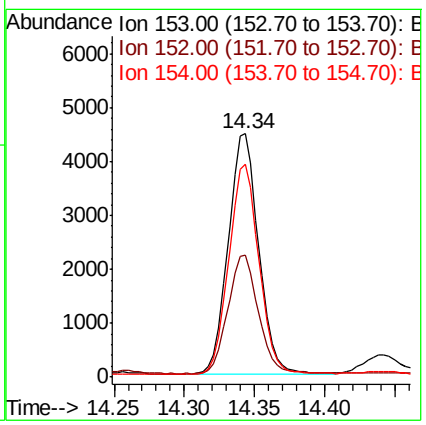
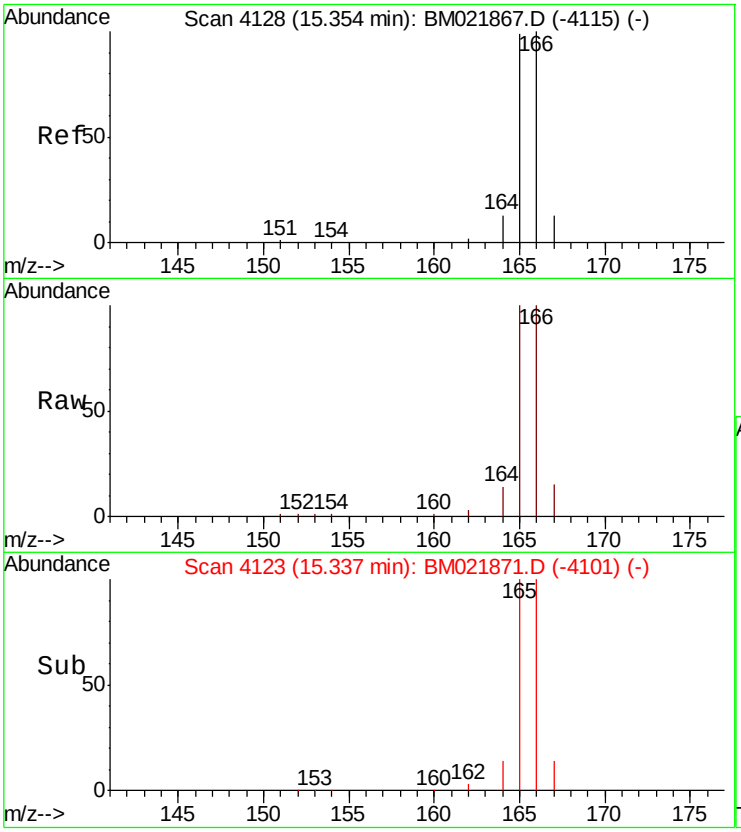


#8
Acenaphthene
Concen: 0.808 ng/ul
RT: 14.34 min Scan# 3861
Delta R.T. -0.01 min
Lab File: BM021871.D
Acq: 06 Aug 2019 22:57

Tgt Ion:153 Resp: 6712

Ion	Ratio	Lower	Upper
153	100		
152	50.3	41.3	61.9
154	87.4	72.3	108.5

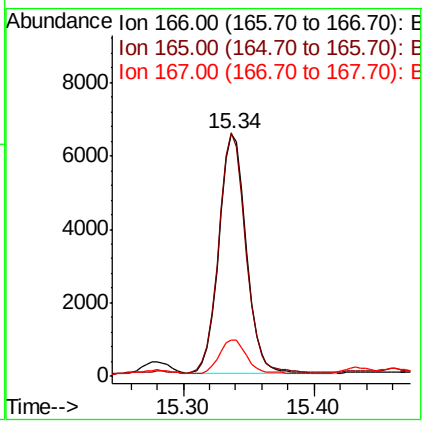




#9
Fluorene
Concen: 1.015 ng/ul
RT: 15.34 min Scan# 4123
Delta R.T. -0.02 min
Lab File: BM021871.D
Acq: 06 Aug 2019 22:57

Tgt Ion:166 Resp: 9369

Ion	Ratio	Lower	Upper
166	100		
165	100.2	81.4	122.0
167	15.1	13.7	20.5



Instrument :
BNA_M
ClientSampleId :
A52F1

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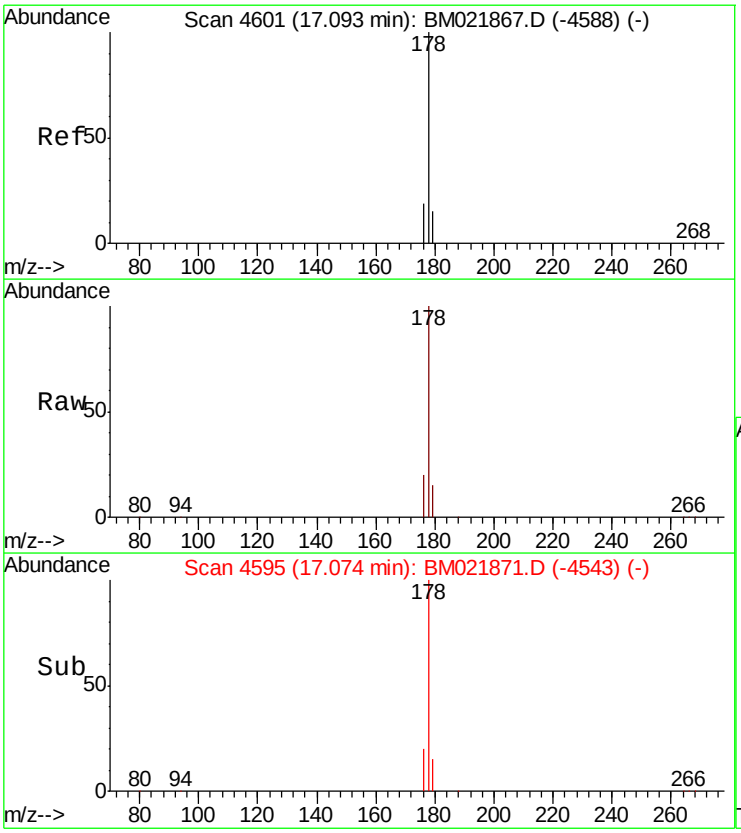
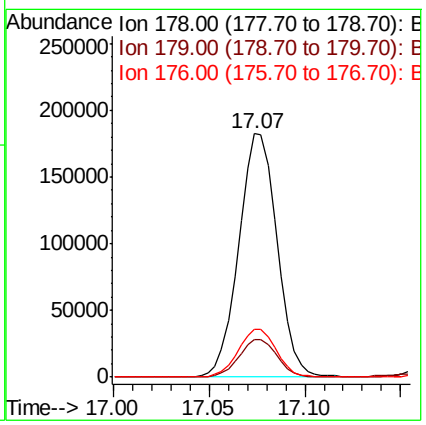
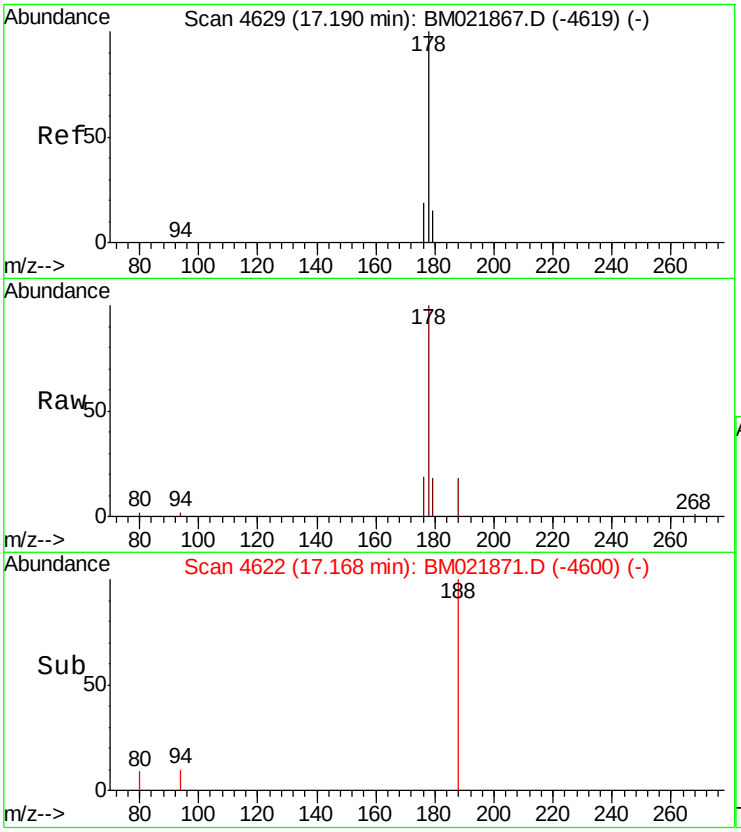


#12
Phenanthrene
Concen: 17.131 ng/ul m
RT: 17.07 min Scan# 4595
Delta R.T. -0.02 min
Lab File: BM021871.D
Acq: 06 Aug 2019 22:57

Tgt Ion:178 Resp: 254020

Ion	Ratio	Lower	Upper
178	100		
179	15.2	14.2	21.2
176	19.7	16.8	25.2

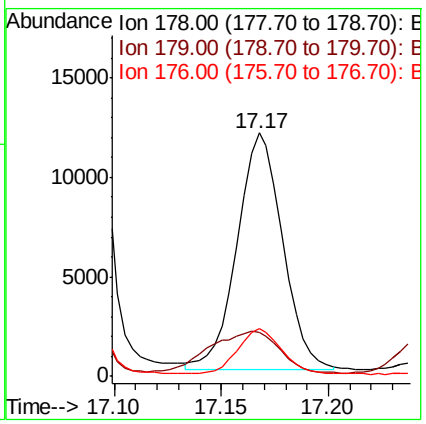




#13
Anthracene
Concen: 1.379 ng/ul m
RT: 17.17 min Scan# 4622
Delta R.T. -0.02 min
Lab File: BM021871.D
Acq: 06 Aug 2019 22:57

Tgt Ion:178 Resp: 17448

Ion	Ratio	Lower	Upper
178	100		
179	18.1	15.5	23.3
176	19.4	16.6	25.0



Instrument :
BNA_M
ClientSampleId :
A52F1

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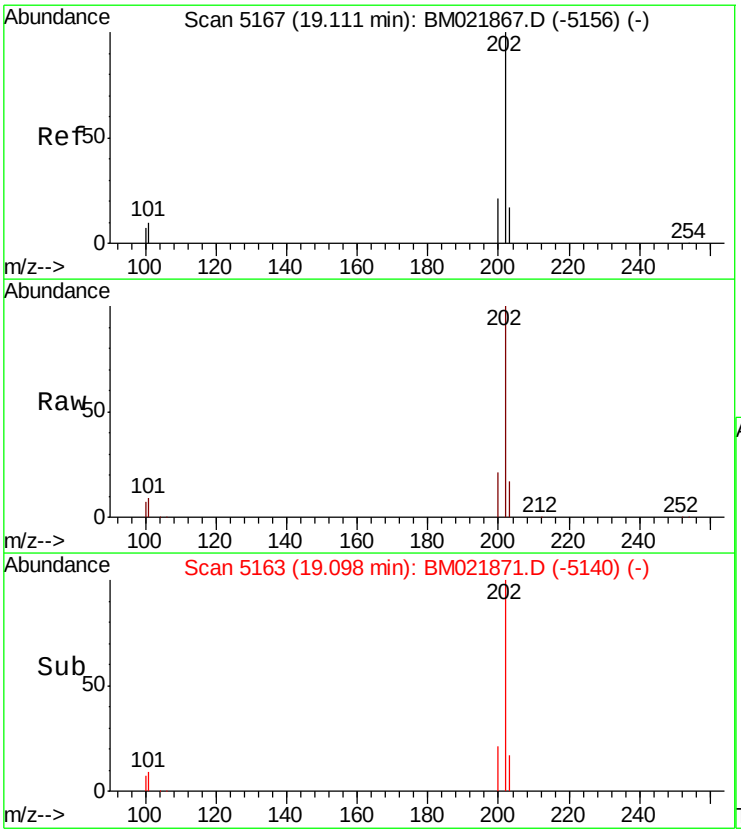
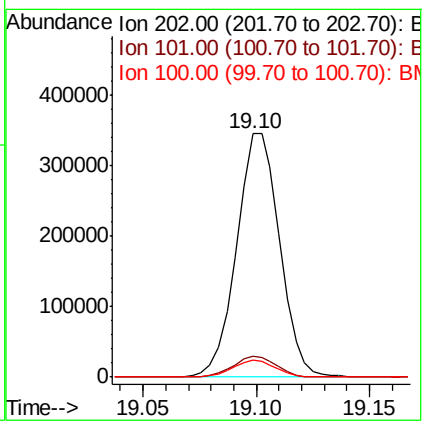
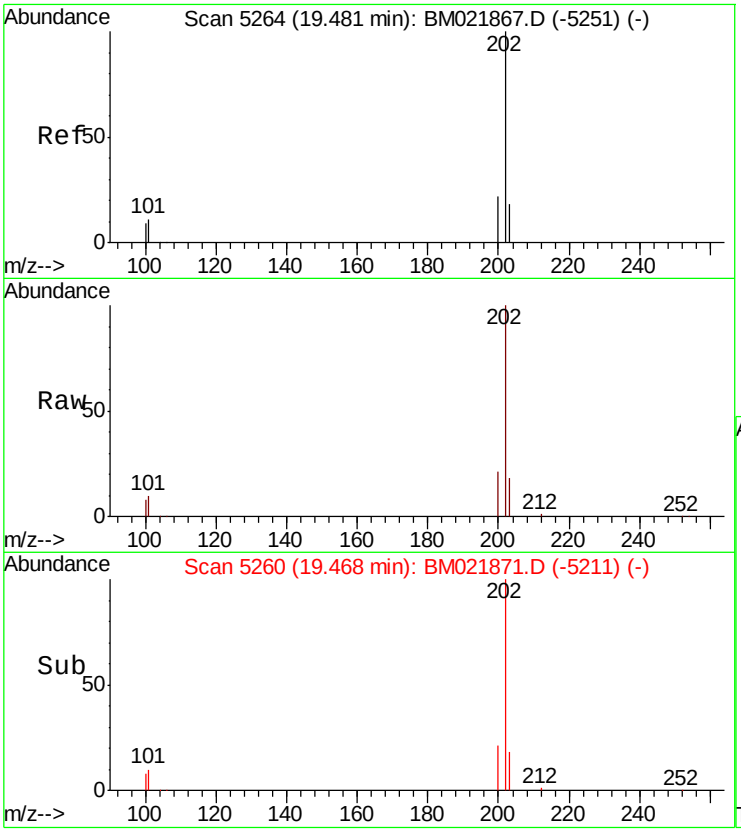


#15
Fluoranthene
Concen: 22.817 ng/ul m
RT: 19.10 min Scan# 5163
Delta R.T. -0.01 min
Lab File: BM021871.D
Acq: 06 Aug 2019 22:57

Tgt Ion:202 Resp: 453212

Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	30.2
100	6.8	0.0	28.1

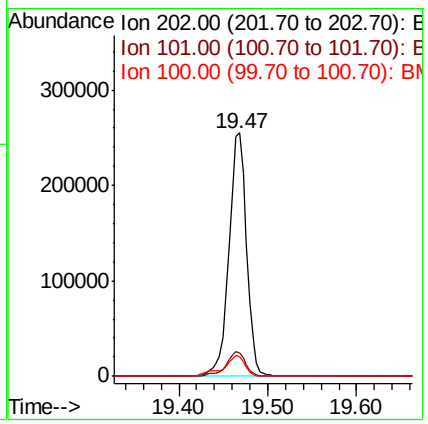




#17
Pyrene
Concen: 16.865 ng/ul
RT: 19.47 min Scan# 5260
Delta R.T. -0.01 min
Lab File: BM021871.D
Acq: 06 Aug 2019 22:57

Tgt Ion:202 Resp: 347340

Ion	Ratio	Lower	Upper
202	100		
101	9.7	8.3	12.5
100	8.0	7.2	10.8



Instrument :
BNA_M
ClientSampleId :
A52F1

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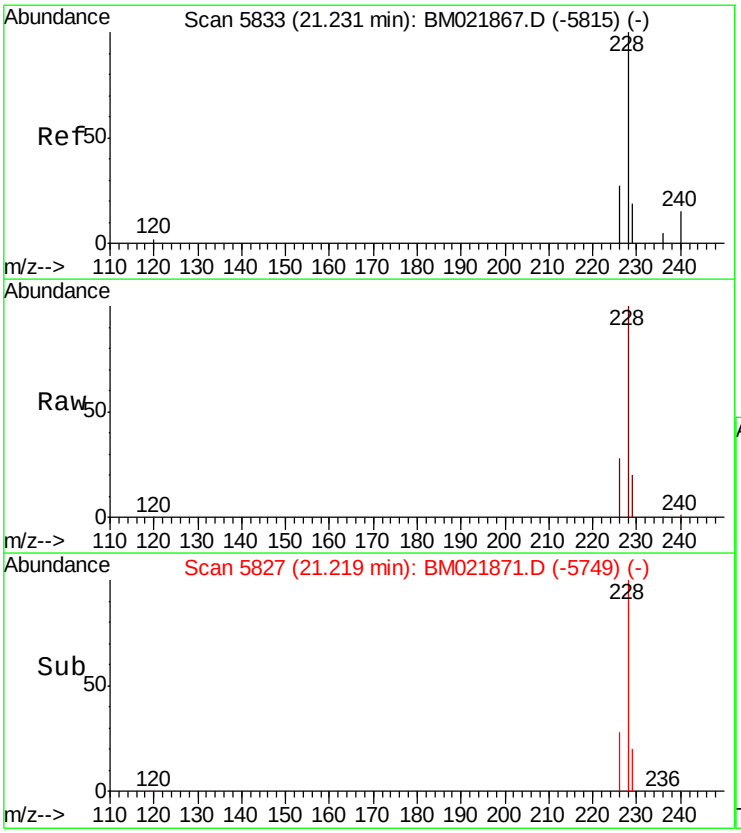
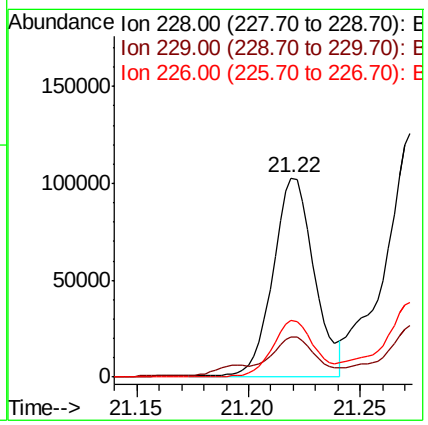
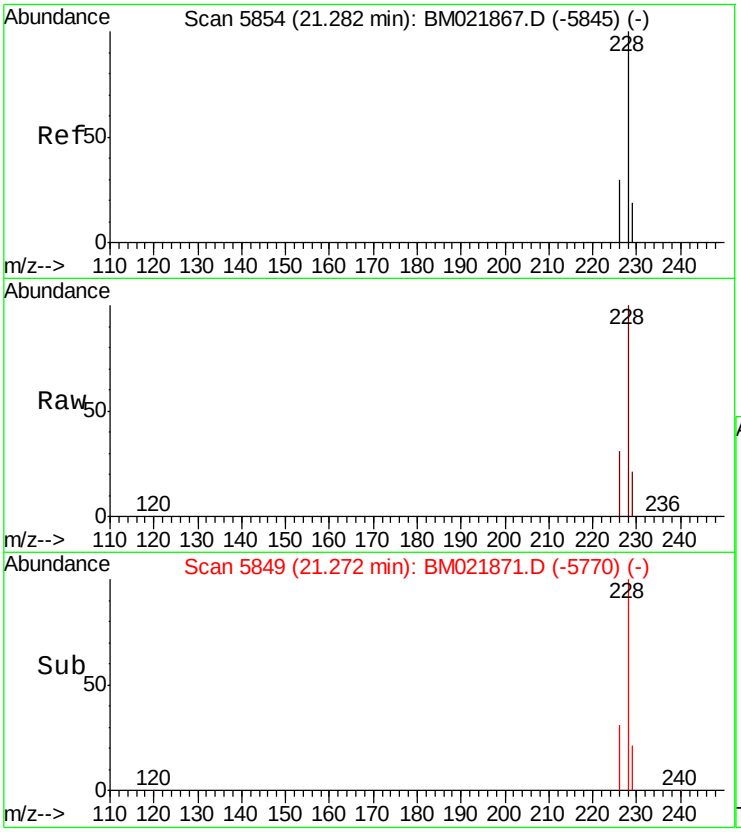


#18
Benzo(a)anthracene
Concen: 7.441 ng/ul m
RT: 21.22 min Scan# 5827
Delta R.T. -0.01 min
Lab File: BM021871.D
Acq: 06 Aug 2019 22:57

Tgt Ion:228 Resp: 133406

Ion	Ratio	Lower	Upper
228	100		
229	20.5	17.2	25.8
226	28.4	22.6	34.0

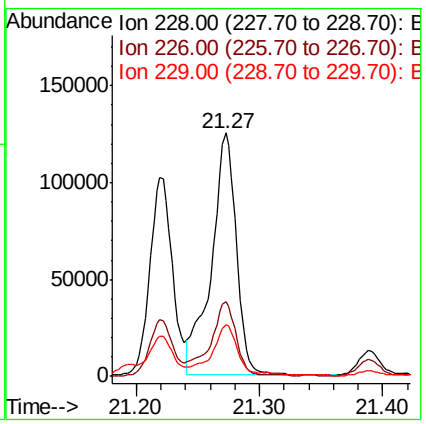




#19
Chrysene
Concen: 7.636 ng/ul
RT: 21.27 min Scan# 5849
Delta R.T. -0.01 min
Lab File: BM021871.D
Acq: 06 Aug 2019 22:57

Tgt Ion:228 Resp: 176063

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	21.2	16.6	25.0



Instrument :
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ClientSampleId :
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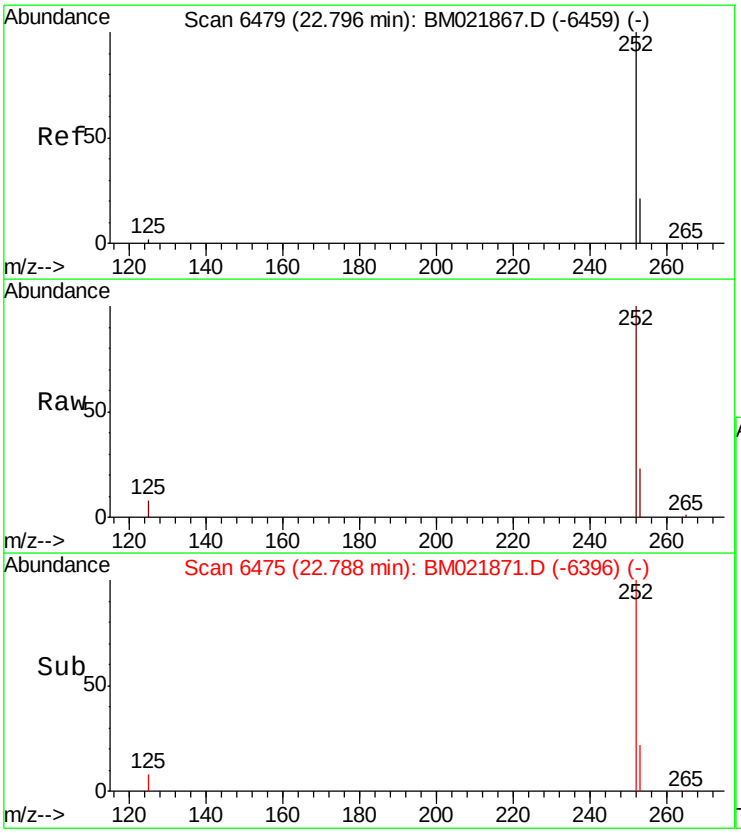
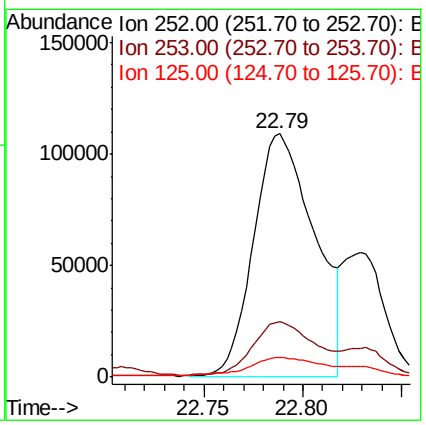
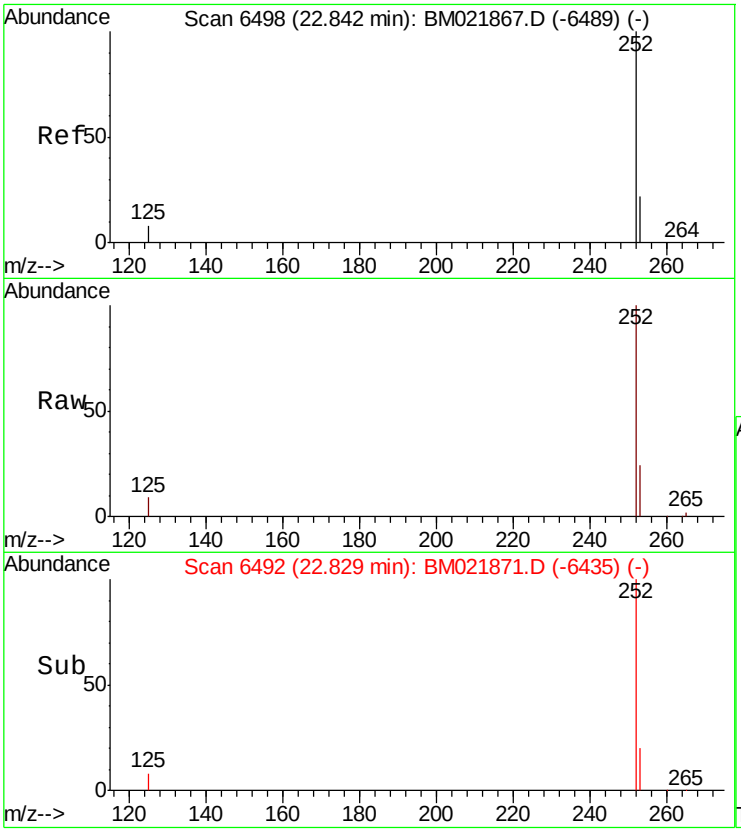


#21
Benzo(b)fluoranthene
Concen: 13.128 ng/ul m
RT: 22.79 min Scan# 6475
Delta R.T. -0.01 min
Lab File: BM021871.D
Acq: 06 Aug 2019 22:57

Tgt Ion:252 Resp: 234624

Ion	Ratio	Lower	Upper
252	100		
253	22.8	0.0	67.4
125	8.2	0.0	31.0





#22
Benzo(k)fluoranthene
Concen: 4.058 ng/ul m
RT: 22.83 min Scan# 6492
Delta R.T. -0.01 min
Lab File: BM021871.D
Acq: 06 Aug 2019 22:57

Tgt Ion:252 Resp: 82079

Ion	Ratio	Lower	Upper
252	100		
253	23.5	27.0	40.4#
125	8.7	12.2	18.2#

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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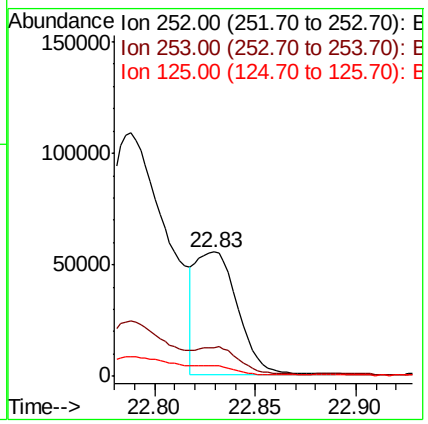
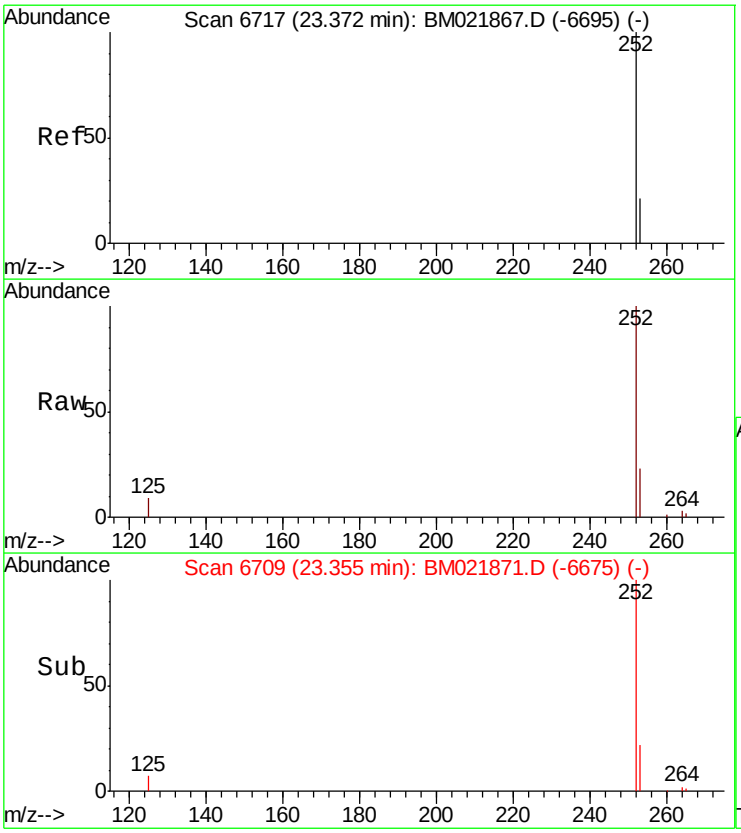
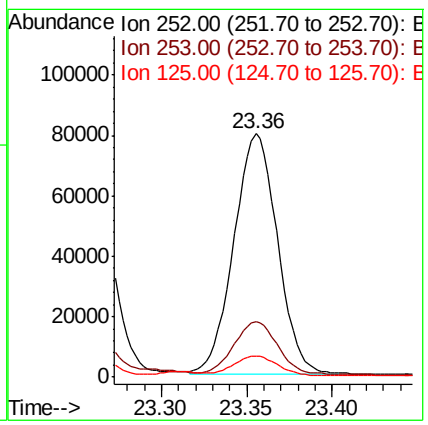


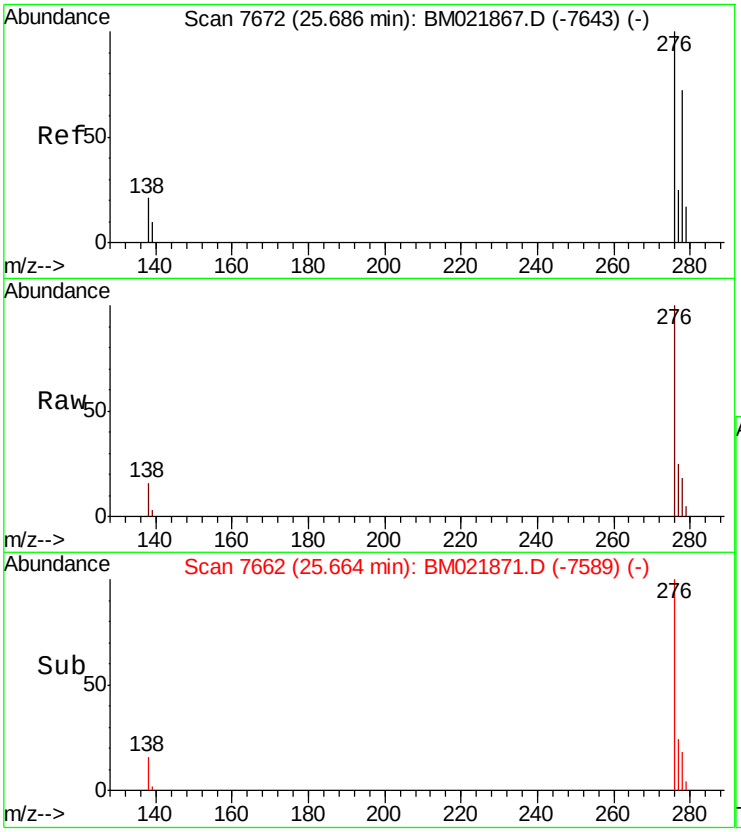


#23
Benzo(a)pyrene
Concen: 7.831 ng/ul m
RT: 23.36 min Scan# 6709
Delta R.T. -0.02 min
Lab File: BM021871.D
Acq: 06 Aug 2019 22:57

Tgt Ion:252 Resp: 142324

Ion	Ratio	Lower	Upper
252	100		
253	22.7	31.7	47.5#
125	8.6	14.6	21.8#

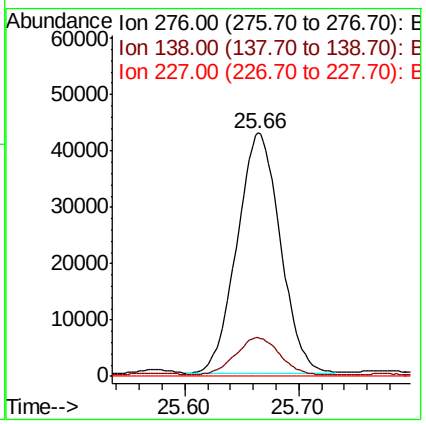




#24
Indeno(1,2,3-cd)pyrene
Concen: 5.233 ng/ul m
RT: 25.66 min Scan# 7662
Delta R.T. -0.02 min
Lab File: BM021871.D
Acq: 06 Aug 2019 22:57

Tgt Ion:276 Resp: 113563

Ion	Ratio	Lower	Upper
276	100		
138	1.3	15.1	22.7#
227	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
A52F1

Manual Integrations APPROVED
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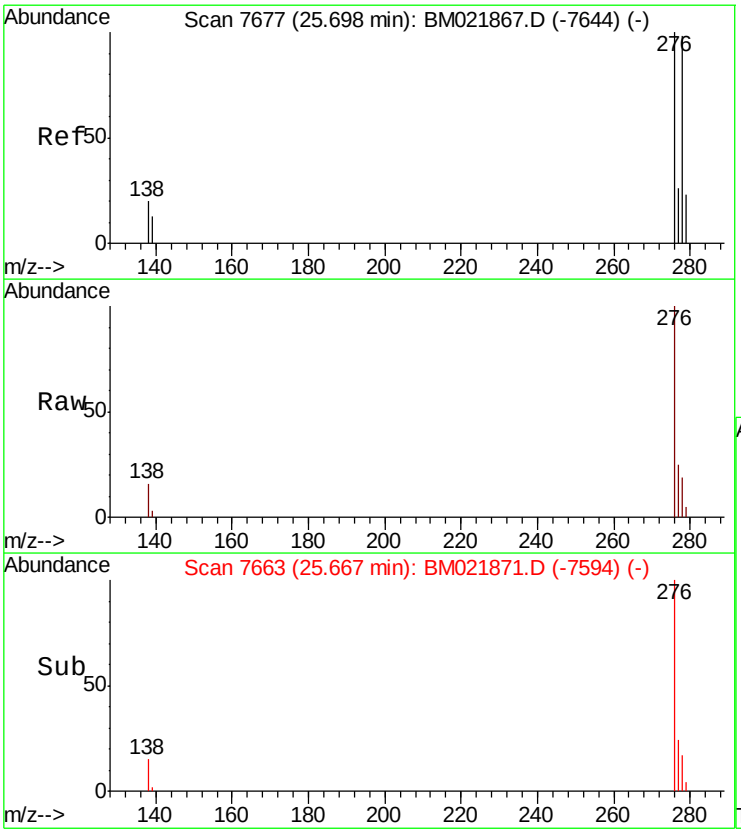
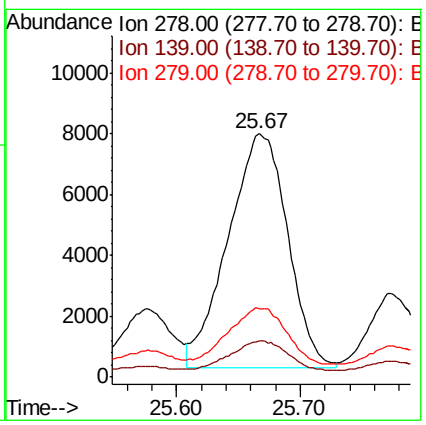
8/7/2019 12:12:23 PM

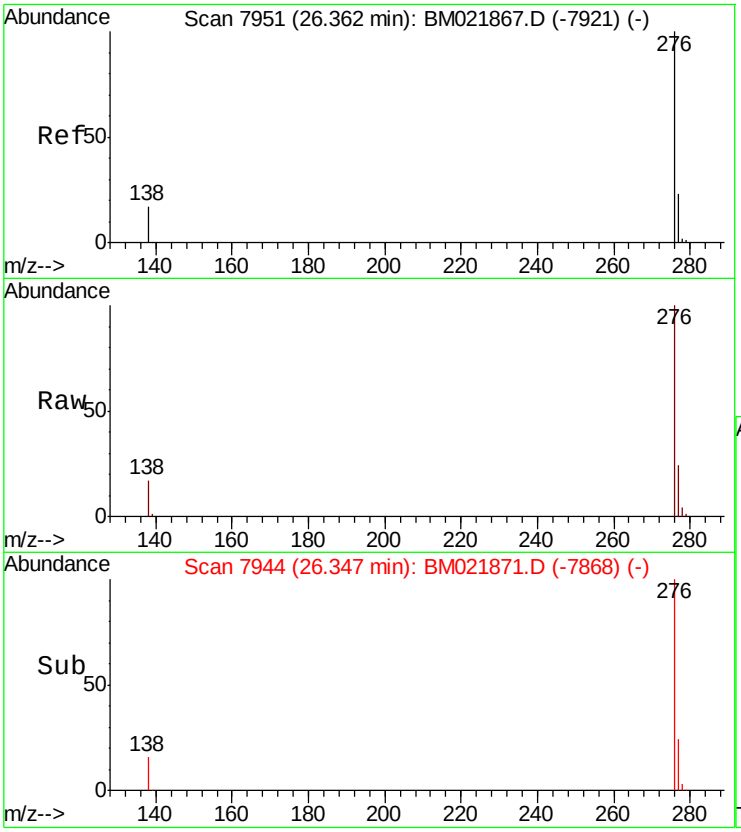


#25
Dibenzo(a,h)anthracene
Concen: 1.469 ng/ul m
RT: 25.67 min Scan# 7663
Delta R.T. -0.03 min
Lab File: BM021871.D
Acq: 06 Aug 2019 22:57

Tgt Ion:278 Resp: 25774

Ion	Ratio	Lower	Upper
278	100		
139	15.0	14.2	21.2
279	28.2	28.3	42.5#

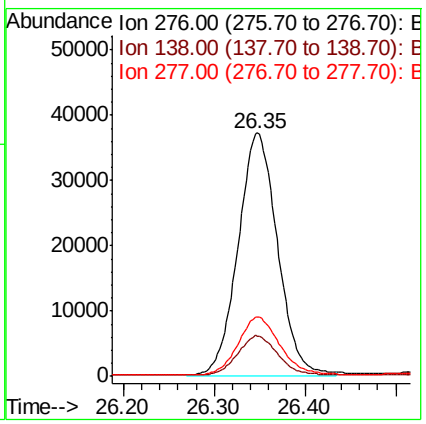




#26
Benzo(g,h,i)perylene
Concen: 5.729 ng/ul m
RT: 26.35 min Scan# 7944
Delta R.T. -0.01 min
Lab File: BM021871.D
Acq: 06 Aug 2019 22:57

Tgt Ion:276 Resp: 111934

Ion	Ratio	Lower	Upper
276	100		
138	16.5	15.5	23.3
277	24.2	21.4	32.2



Instrument :
BNA_M
ClientSampleId :
A52F1

Manual Integrations APPROVED
mohammad
8/7/2019 12:12:23 PM