Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080619\
Data File : BM021876.D
Acq On : 07 Aug 2019 01:59
Operator : HP/JU
Sample : K3893-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 07 05:38:44 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

Instrument : BNA_M
ClientSampleId : BEP01

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	848	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.40	136	3668	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	2089	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	4998m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	4737m	0.40	ng/ul	-0.01
20) Perylene-d12	23.45	264	4958m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	1104	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	3525m	0.21	ng/ul	-0.02
Target Compounds						Qvalue
7) Acenaphthylene	14.00	152	3631	0.373	ng/ul#	82
8) Acenaphthene	14.34	153	448	0.056	ng/ul	95
9) Fluorene	15.34	166	1157	0.131	ng/ul#	95
12) Phenanthrene	17.08	178	16172m	1.112	ng/ul	
13) Anthracene	17.17	178	5307m	0.428	ng/ul	
15) Fluoranthene	19.10	202	56079m	2.879	ng/ul	
17) Pyrene	19.46	202	45244	2.324	ng/ul	99
18) Benzo(a)anthracene	21.22	228	26964	1.591	ng/ul	98
19) Chrysene	21.27	228	29488	1.353	ng/ul	99
21) Benzo(b)fluoranthene	22.79	252	44222m	2.645	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	15327m	0.810	ng/ul	
23) Benzo(a)pyrene	23.35	252	28847m	1.697	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.66	276	22885m	1.127	ng/ul	
25) Dibenzo(a,h)anthracene	25.67	278	6143m	0.374	ng/ul	
26) Benzo(g,h,i)perylene	26.35	276	18796m	1.028	ng/ul	

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

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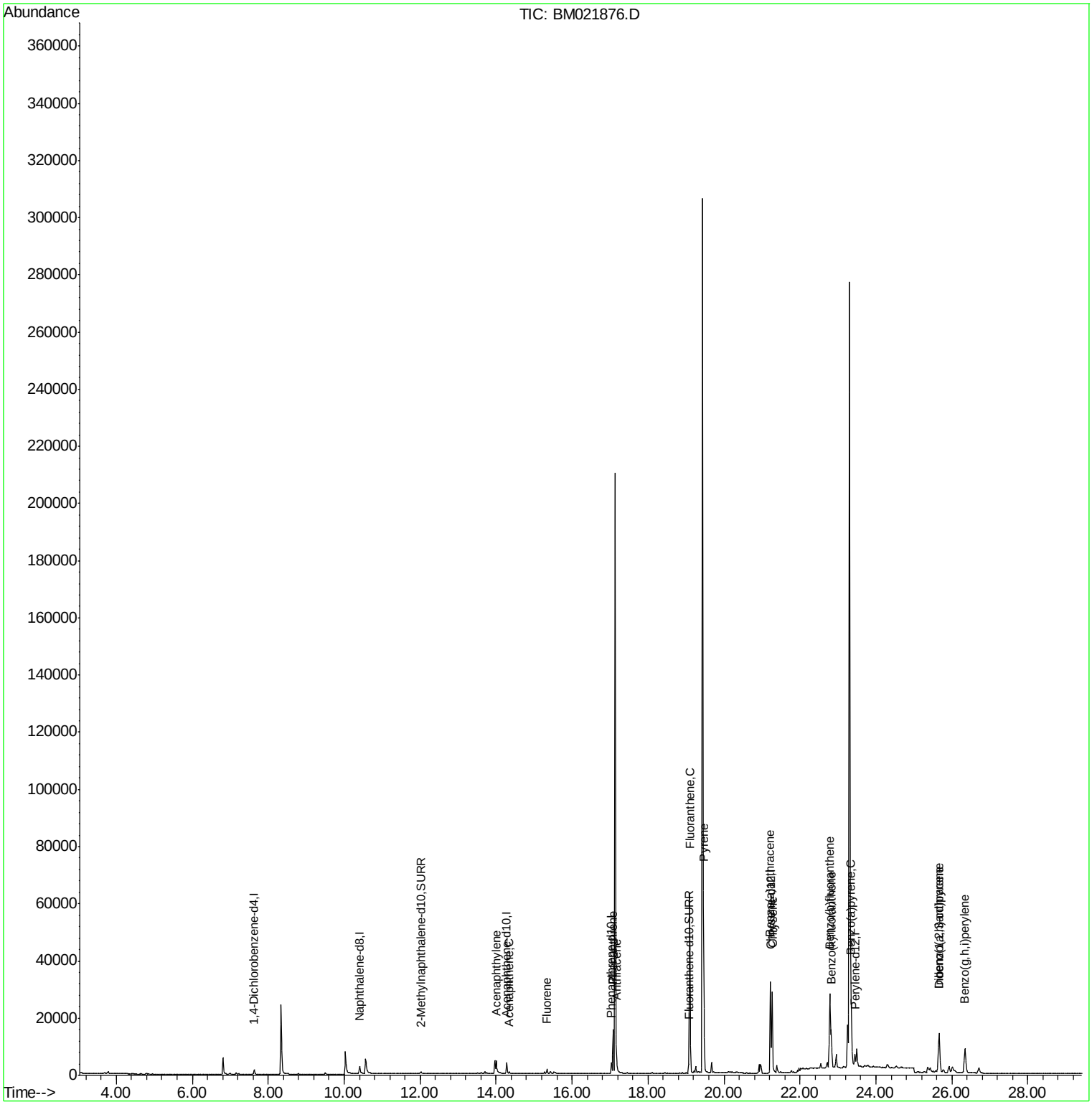
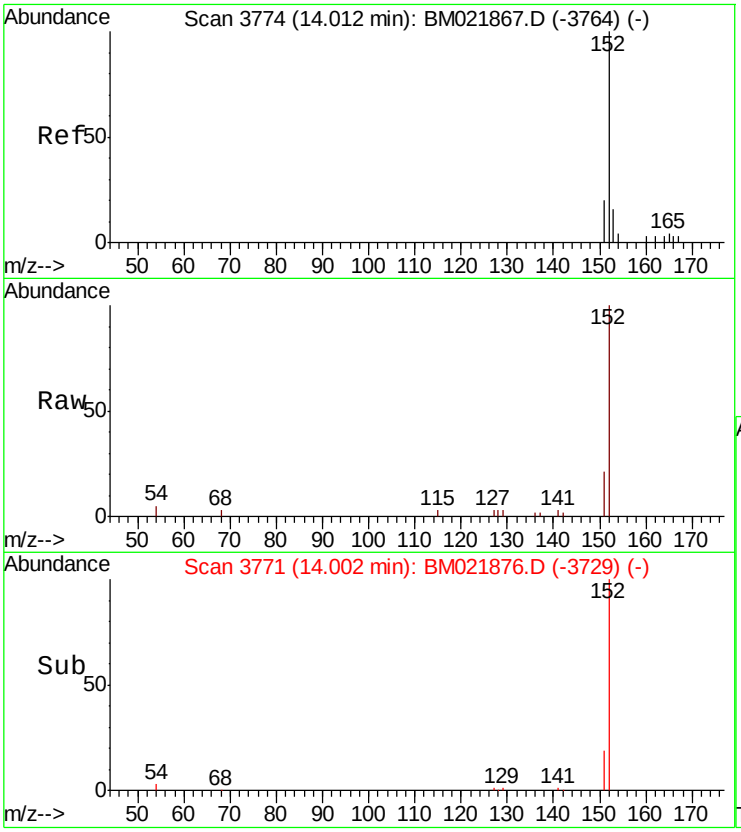
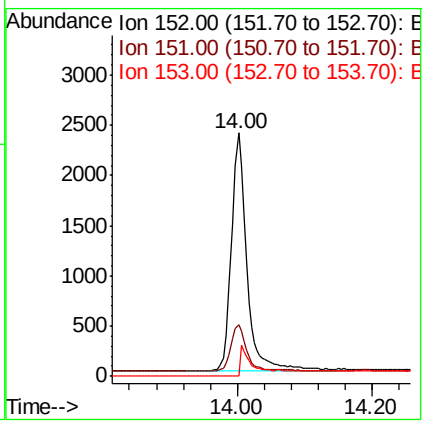




#7
Acenaphthylene
Concen: 0.373 ng/ul
RT: 14.00 min Scan# 3771
Delta R.T. -0.01 min
Lab File: BM021876.D
Acq: 07 Aug 2019 01:59

Tgt Ion:152 Resp: 3631

Ion	Ratio	Lower	Upper
152	100		
151	21.1	18.3	27.5
153	0.0	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
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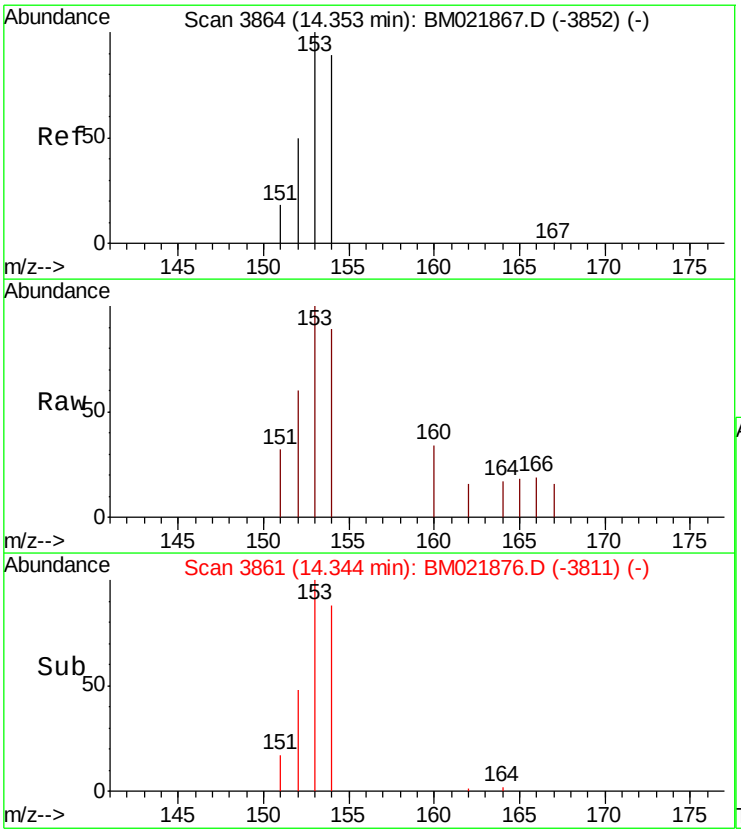
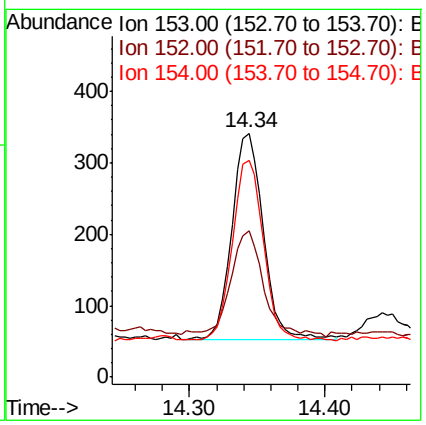
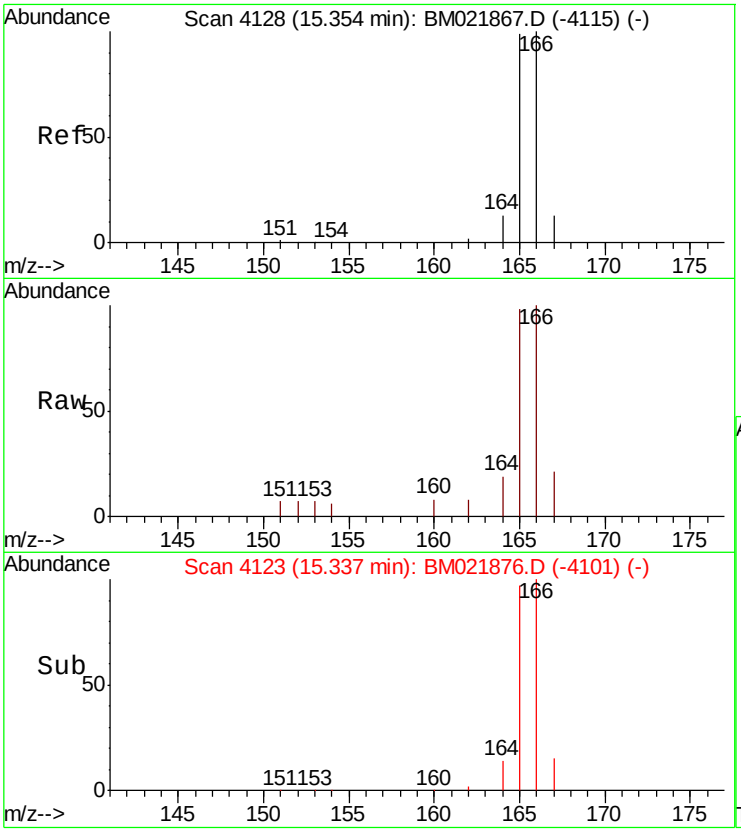


#8
Acenaphthene
Concen: 0.056 ng/ul
RT: 14.34 min Scan# 3861
Delta R.T. -0.01 min
Lab File: BM021876.D
Acq: 07 Aug 2019 01:59

Tgt Ion:153 Resp: 448

Ion	Ratio	Lower	Upper
153	100		
152	60.1	41.3	61.9
154	88.9	72.3	108.5





#9
Fluorene
Concen: 0.131 ng/ul
RT: 15.34 min Scan# 4123
Delta R.T. -0.02 min
Lab File: BM021876.D
Acq: 07 Aug 2019 01:59

Tgt Ion:166 Resp: 1157

Ion	Ratio	Lower	Upper
166	100		
165	97.6	81.4	122.0
167	21.0	13.7	20.5#

Instrument :
BNA_M
ClientSampleId :
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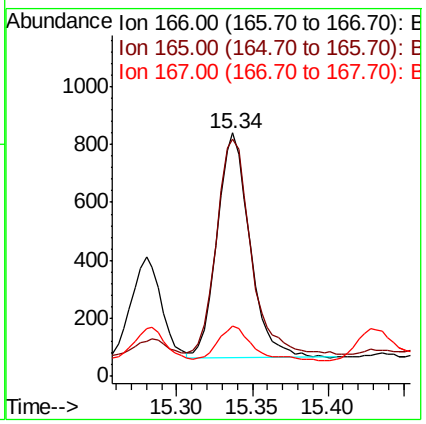
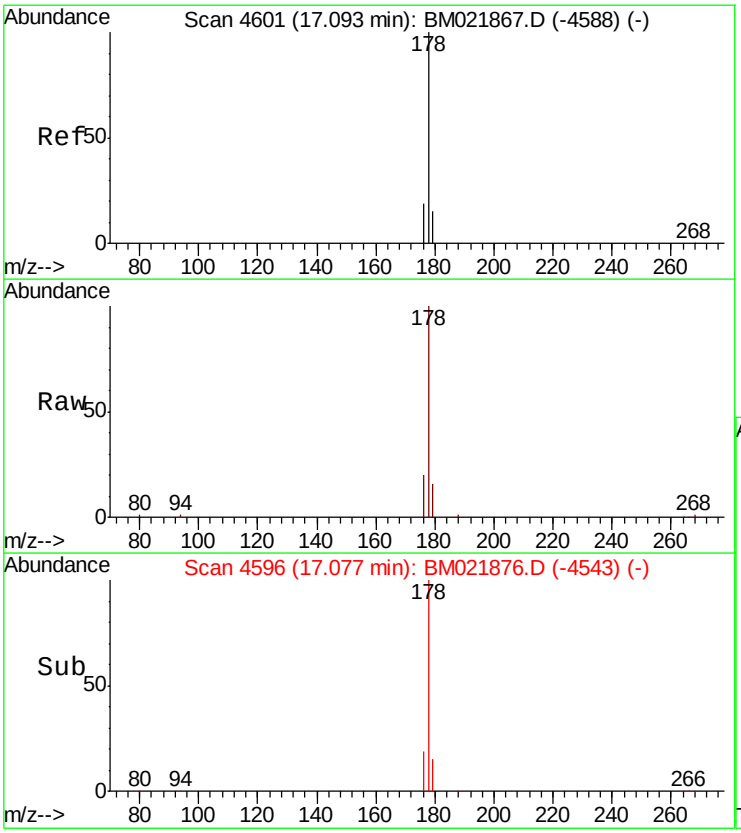
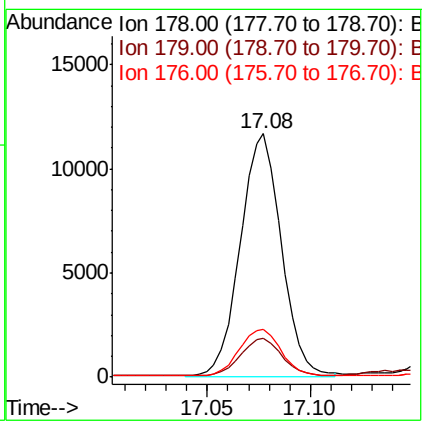


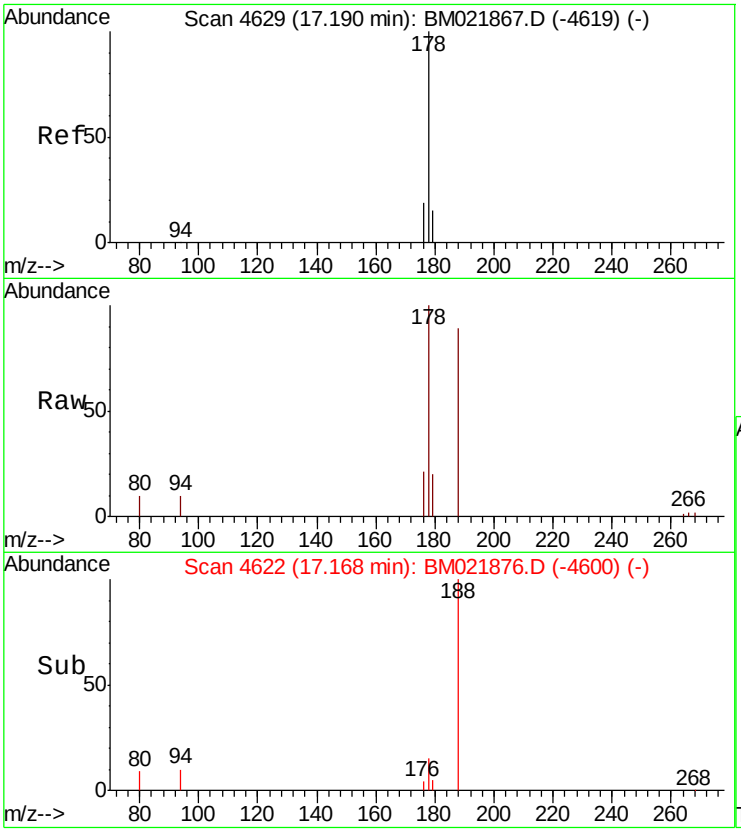


#12
Phenanthrene
Concen: 1.112 ng/ul m
RT: 17.08 min Scan# 4596
Delta R.T. -0.02 min
Lab File: BM021876.D
Acq: 07 Aug 2019 01:59

Tgt Ion:178 Resp: 16172

Ion	Ratio	Lower	Upper
178	100		
179	15.7	14.2	21.2
176	19.5	16.8	25.2

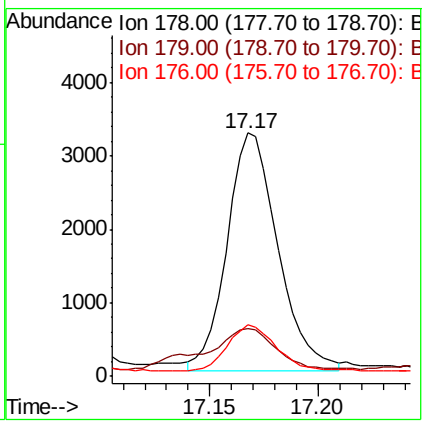




#13
Anthracene
Concen: 0.428 ng/ul m
RT: 17.17 min Scan# 4622
Delta R.T. -0.02 min
Lab File: BM021876.D
Acq: 07 Aug 2019 01:59

Tgt Ion:178 Resp: 5307

Ion	Ratio	Lower	Upper
178	100		
179	19.7	15.5	23.3
176	21.0	16.6	25.0



Instrument :
BNA_M
ClientSampleId :
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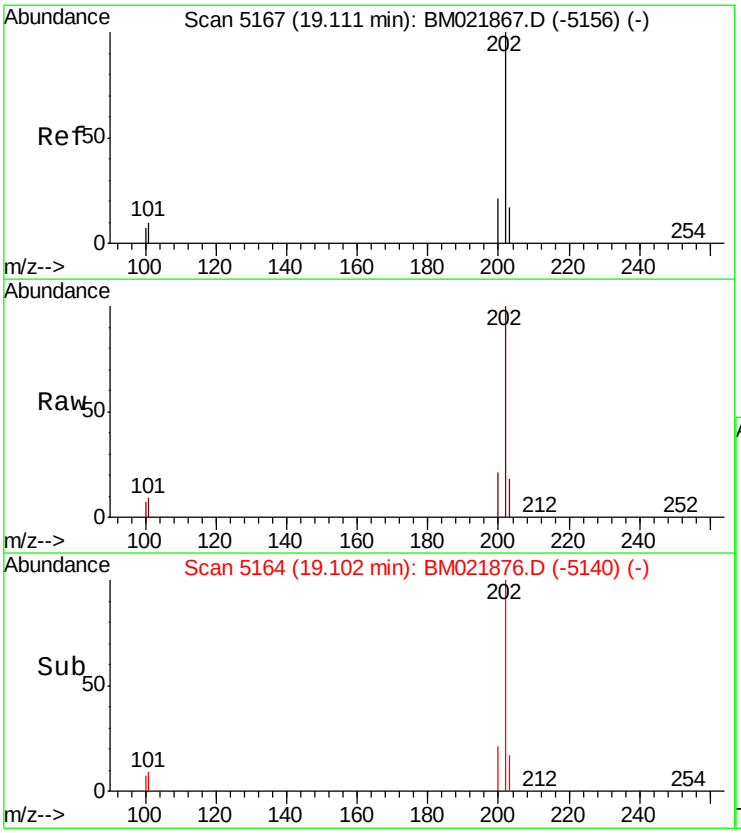
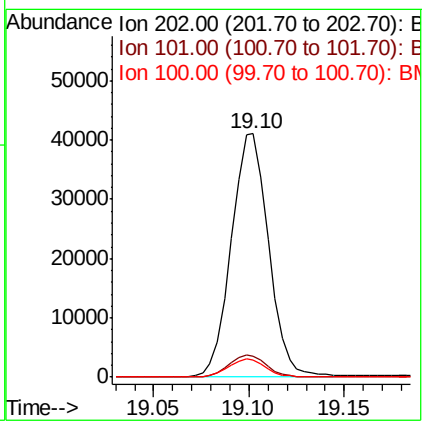
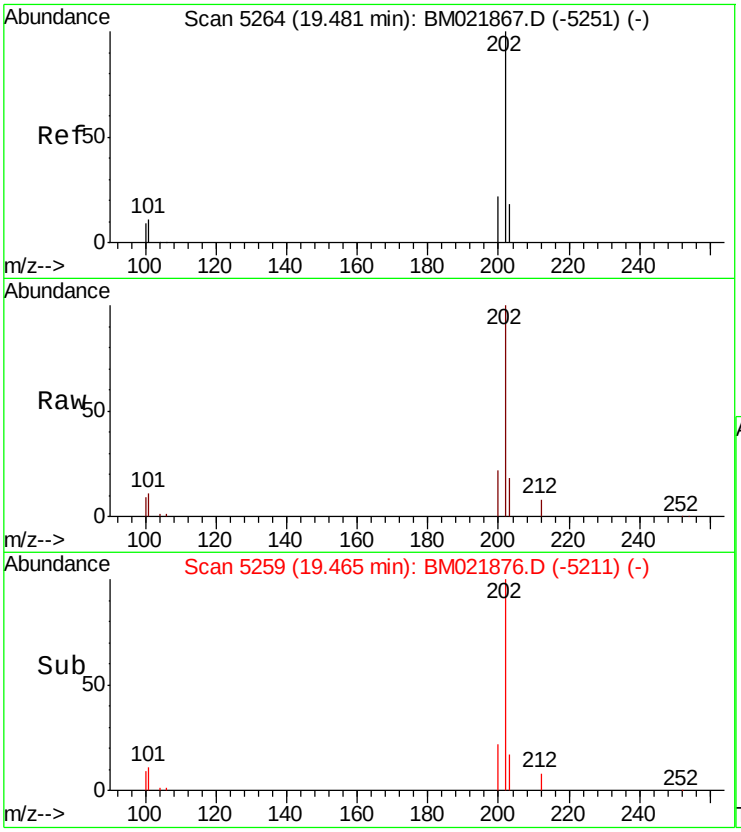


#15
Fluoranthene
Concen: 2.879 ng/ul m
RT: 19.10 min Scan# 5164
Delta R.T. -0.01 min
Lab File: BM021876.D
Acq: 07 Aug 2019 01:59

Tgt Ion:202 Resp: 56079

Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	30.2
100	6.8	0.0	28.1





#17
Pyrene
Concen: 2.324 ng/ul
RT: 19.46 min Scan# 5259
Delta R.T. -0.02 min
Lab File: BM021876.D
Acq: 07 Aug 2019 01:59

Tgt Ion:202 Resp: 45244

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.3	12.5
100	9.1	7.2	10.8

Instrument :
BNA_M
ClientSampleId :
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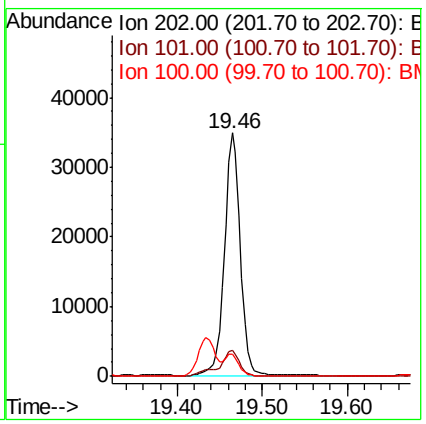
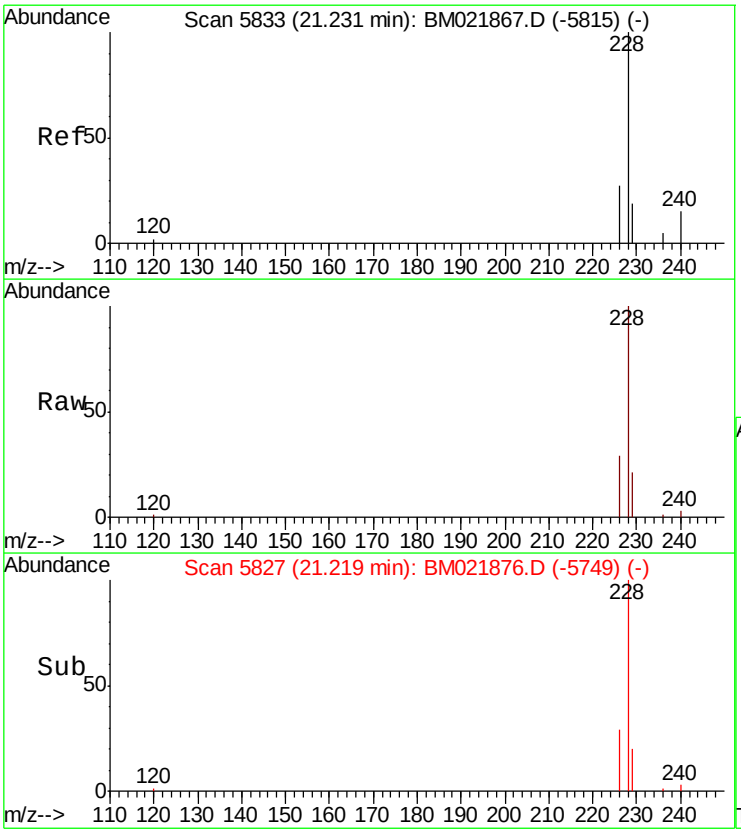
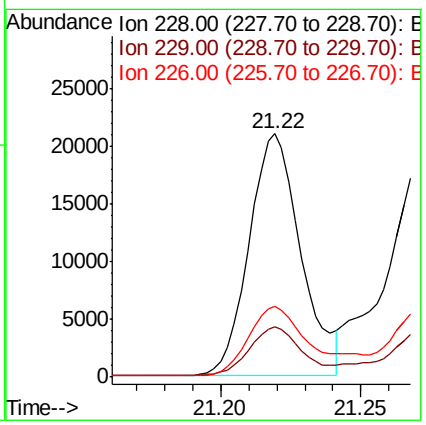


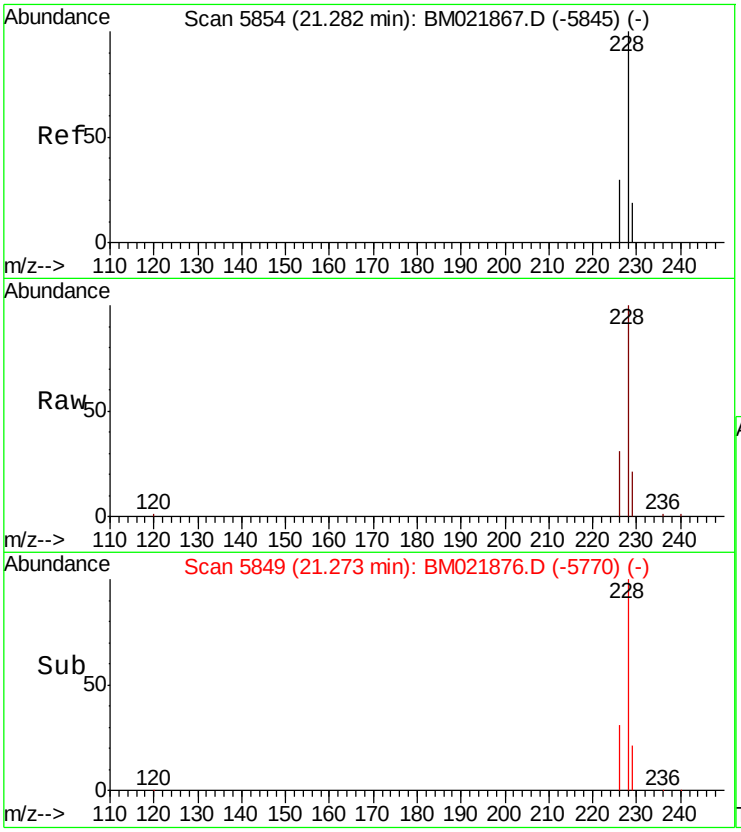


#18
Benzo(a)anthracene
Concen: 1.591 ng/ul
RT: 21.22 min Scan# 5827
Delta R.T. -0.01 min
Lab File: BM021876.D
Acq: 07 Aug 2019 01:59

Tgt Ion:228 Resp: 26964

Ion	Ratio	Lower	Upper
228	100		
229	20.5	17.2	25.8
226	29.1	22.6	34.0

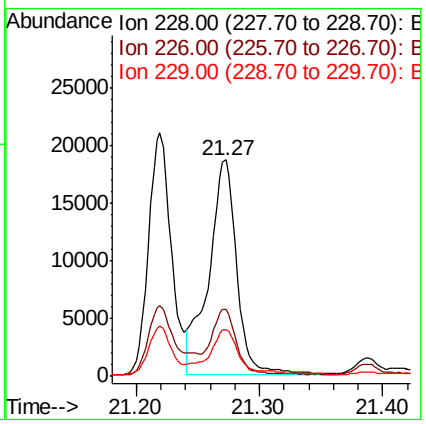




#19
Chrysene
Concen: 1.353 ng/ul
RT: 21.27 min Scan# 5849
Delta R.T. -0.01 min
Lab File: BM021876.D
Acq: 07 Aug 2019 01:59

Tgt Ion:228 Resp: 29488

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	21.4	16.6	25.0



Instrument :
BNA_M
ClientSampleId :
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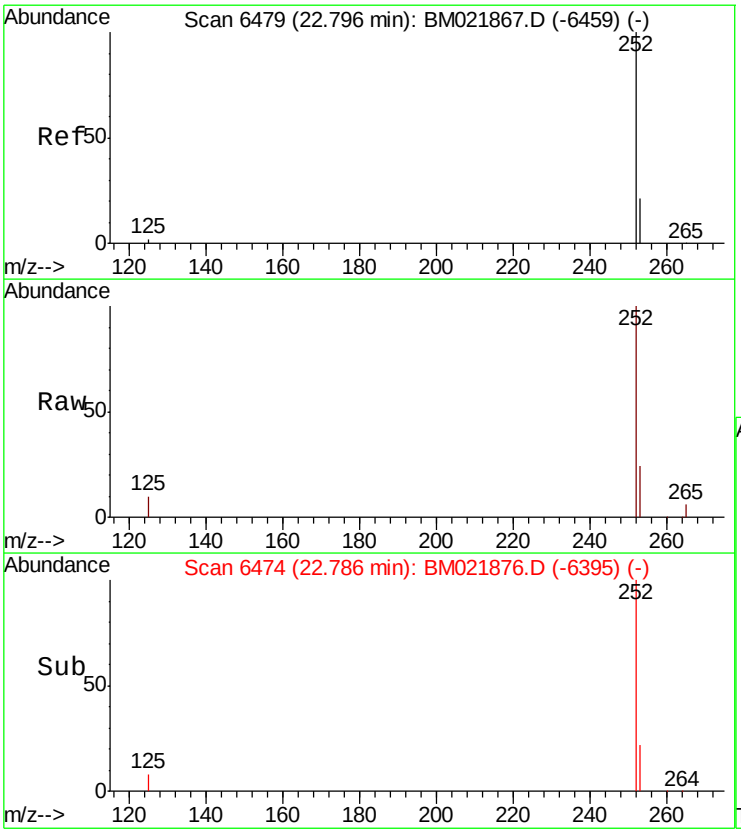
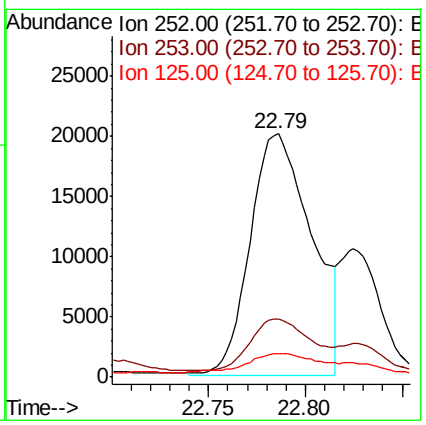
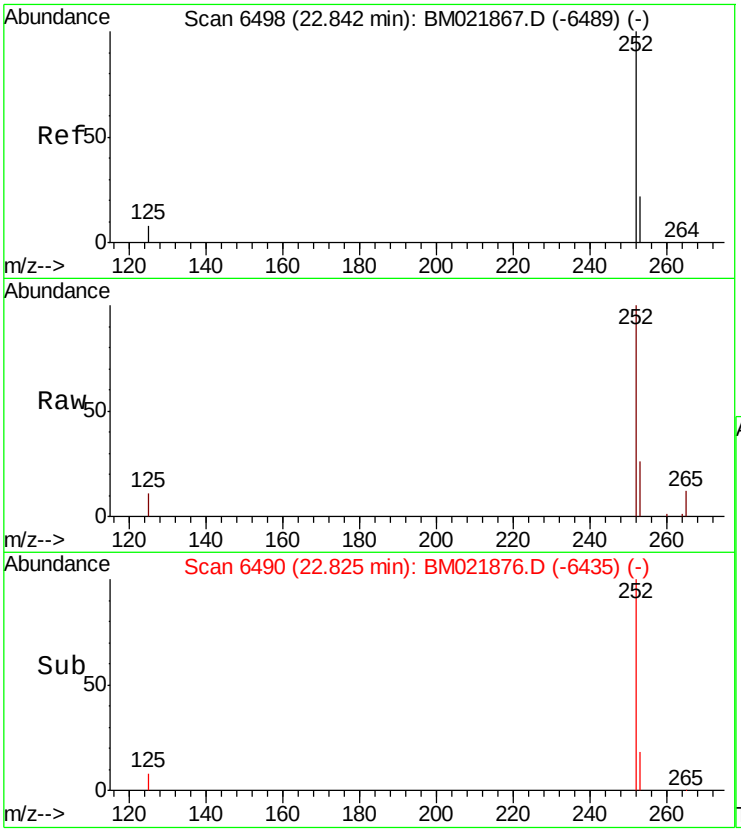


#21
Benzo(b)fluoranthene
Concen: 2.645 ng/ul m
RT: 22.79 min Scan# 6474
Delta R.T. -0.01 min
Lab File: BM021876.D
Acq: 07 Aug 2019 01:59

Tgt Ion:252 Resp: 44222

Ion	Ratio	Lower	Upper
252	100		
253	24.0	0.0	67.4
125	9.8	0.0	31.0





#22
Benzo(k)fluoranthene
Concen: 0.810 ng/ul m
RT: 22.82 min Scan# 6490
Delta R.T. -0.02 min
Lab File: BM021876.D
Acq: 07 Aug 2019 01:59

Tgt Ion:252 Resp: 15327

Ion	Ratio	Lower	Upper
252	100		
253	26.4	27.0	40.4#
125	11.1	12.2	18.2#

Instrument :
BNA_M
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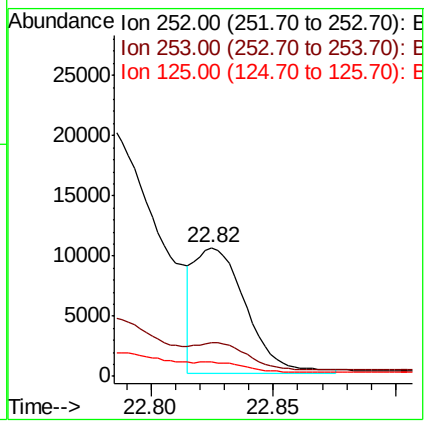
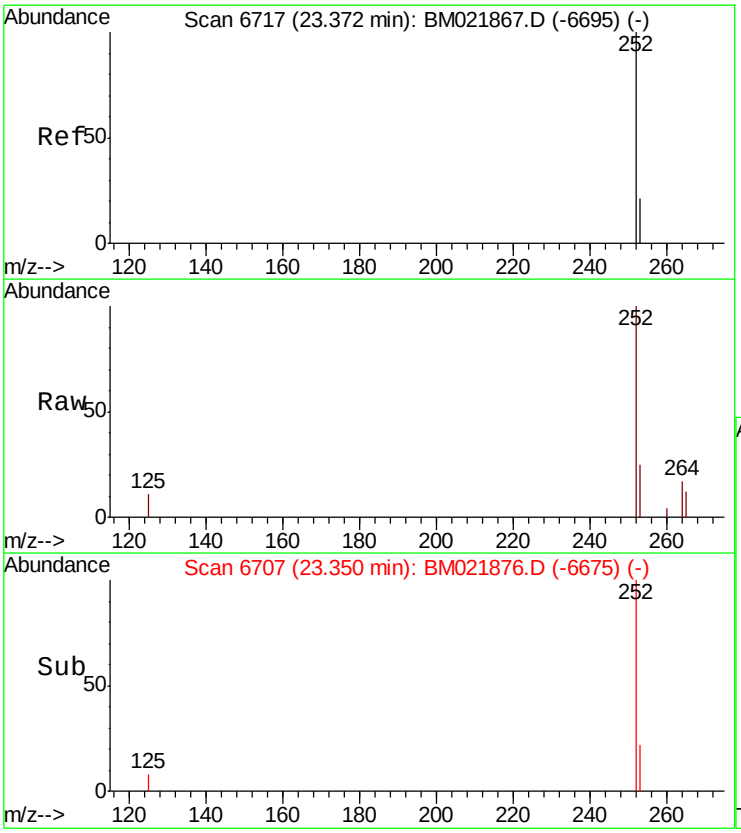
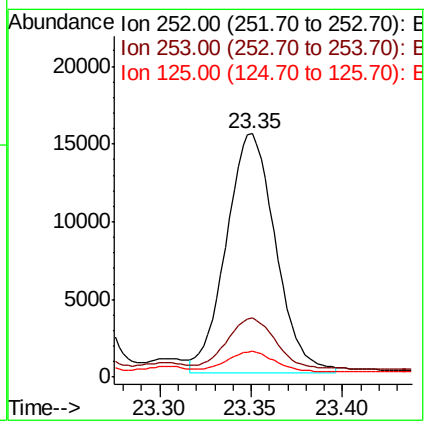


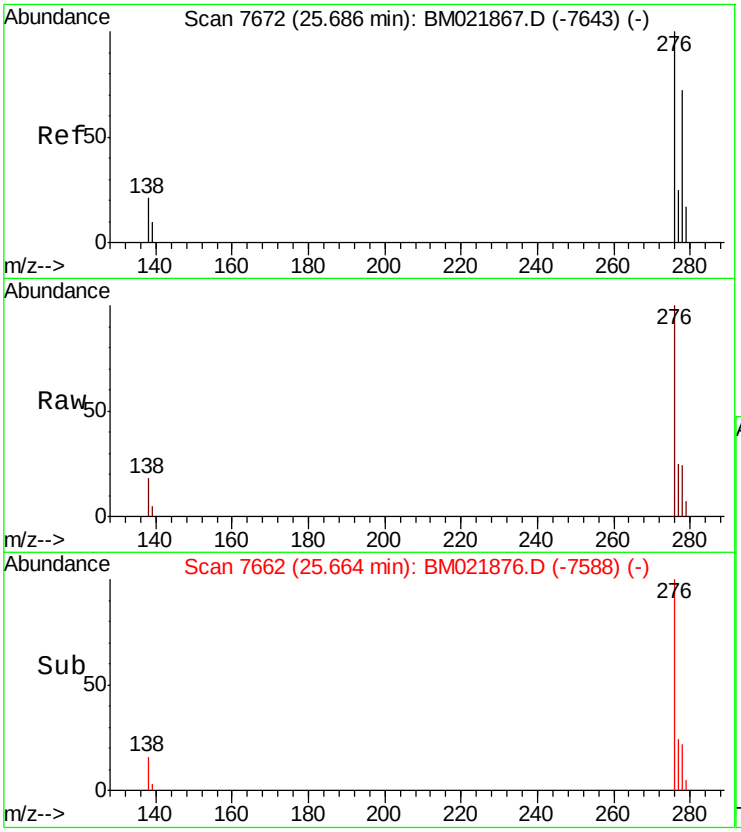


#23
Benzo(a)pyrene
Concen: 1.697 ng/ul m
RT: 23.35 min Scan# 6707
Delta R.T. -0.02 min
Lab File: BM021876.D
Acq: 07 Aug 2019 01:59

Tgt Ion:252 Resp: 28847

Ion	Ratio	Lower	Upper
252	100		
253	24.5	31.7	47.5#
125	10.6	14.6	21.8#





#24
Indeno(1,2,3-cd)pyrene
Concen: 1.127 ng/ul m
RT: 25.66 min Scan# 7662
Delta R.T. -0.02 min
Lab File: BM021876.D
Acq: 07 Aug 2019 01:59

Tgt Ion:276 Resp: 22885

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

Instrument :
BNA_M
ClientSampleId :
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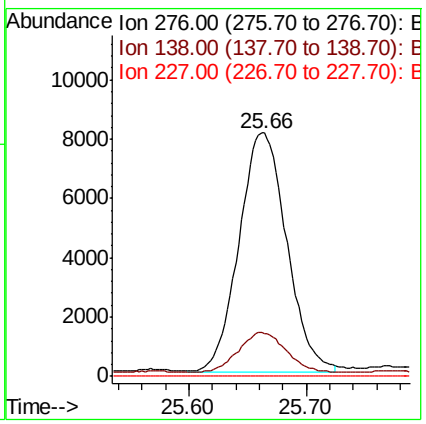
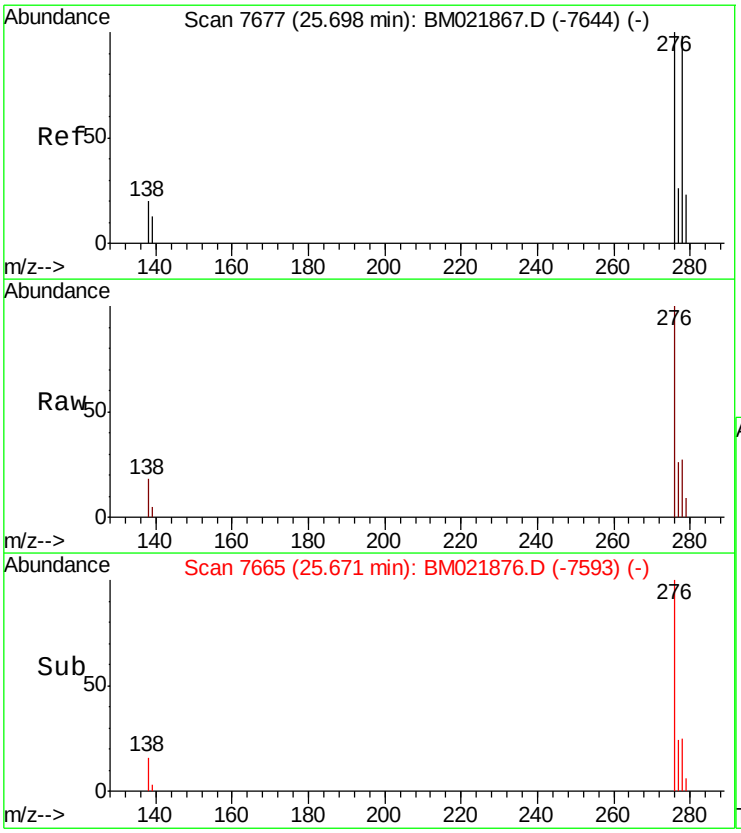
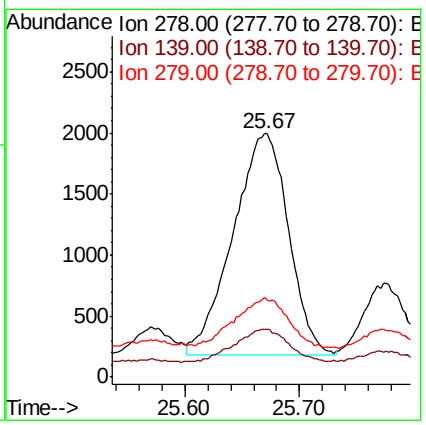


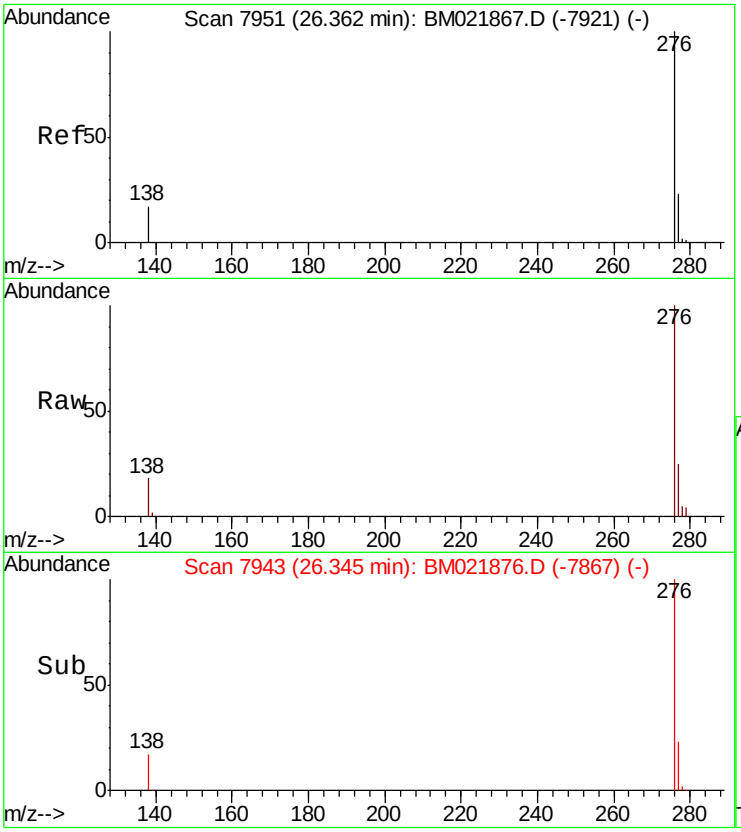


#25
Dibenzo(a,h)anthracene
Concen: 0.374 ng/ul m
RT: 25.67 min Scan# 7665
Delta R.T. -0.03 min
Lab File: BM021876.D
Acq: 07 Aug 2019 01:59

Tgt Ion:278 Resp: 6143

Ion	Ratio	Lower	Upper
278	100		
139	19.7	14.2	21.2
279	31.6	28.3	42.5

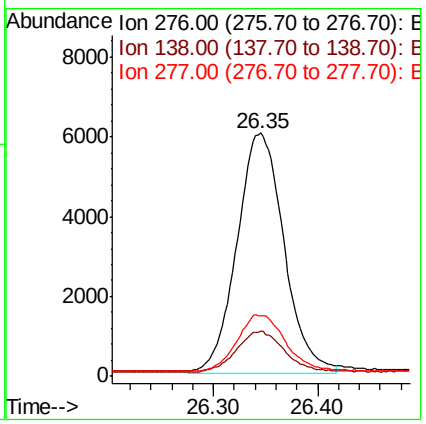




#26
Benzo(g,h,i)perylene
Concen: 1.028 ng/ul m
RT: 26.35 min Scan# 7943
Delta R.T. -0.02 min
Lab File: BM021876.D
Acq: 07 Aug 2019 01:59

Tgt Ion:276 Resp: 18796

Ion	Ratio	Lower	Upper
276	100		
138	18.5	15.5	23.3
277	24.7	21.4	32.2



Instrument :
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ClientSampleId :
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