Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Data File : BM021796.D
Acq On : 04 Aug 2019 05:05
Operator : HP/JU
Sample : K3863-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Aug 04 09:17:44 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 : Sun Aug 04 04:24:24 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A52F6

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	1087	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.41	136	4225	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.29	164	2486	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.04	188	6118m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.24	240	6269m	0.40	ng/ul	-0.01
20) Perylene-d12	23.46	264	6141m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	1729	0.25	ng/ul	-0.03
14) Fluoranthene-d10	19.08	212	5350m	0.26	ng/ul	-0.02
Target Compounds						Qvalue
12) Phenanthrene	17.08	178	3881	0.218	ng/ul	99
13) Anthracene	17.18	178	689m	0.045	ng/ul	
15) Fluoranthene	19.11	202	10279m	0.431	ng/ul	
17) Pyrene	19.47	202	10074	0.391	ng/ul	98
18) Benzo(a)anthracene	21.23	228	4223	0.188	ng/ul	95
19) Chrysene	21.28	228	4904	0.170	ng/ul	96
21) Benzo(b)fluoranthene	22.79	252	7185m	0.347	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	2512m	0.107	ng/ul	
23) Benzo(a)pyrene	23.36	252	4495m	0.213	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.68	276	3275m	0.130	ng/ul	
25) Dibenzo(a,h)anthracene	25.68	278	733m	0.036	ng/ul	
26) Benzo(g,h,i)perylene	26.36	276	3532m	0.156	ng/ul	

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

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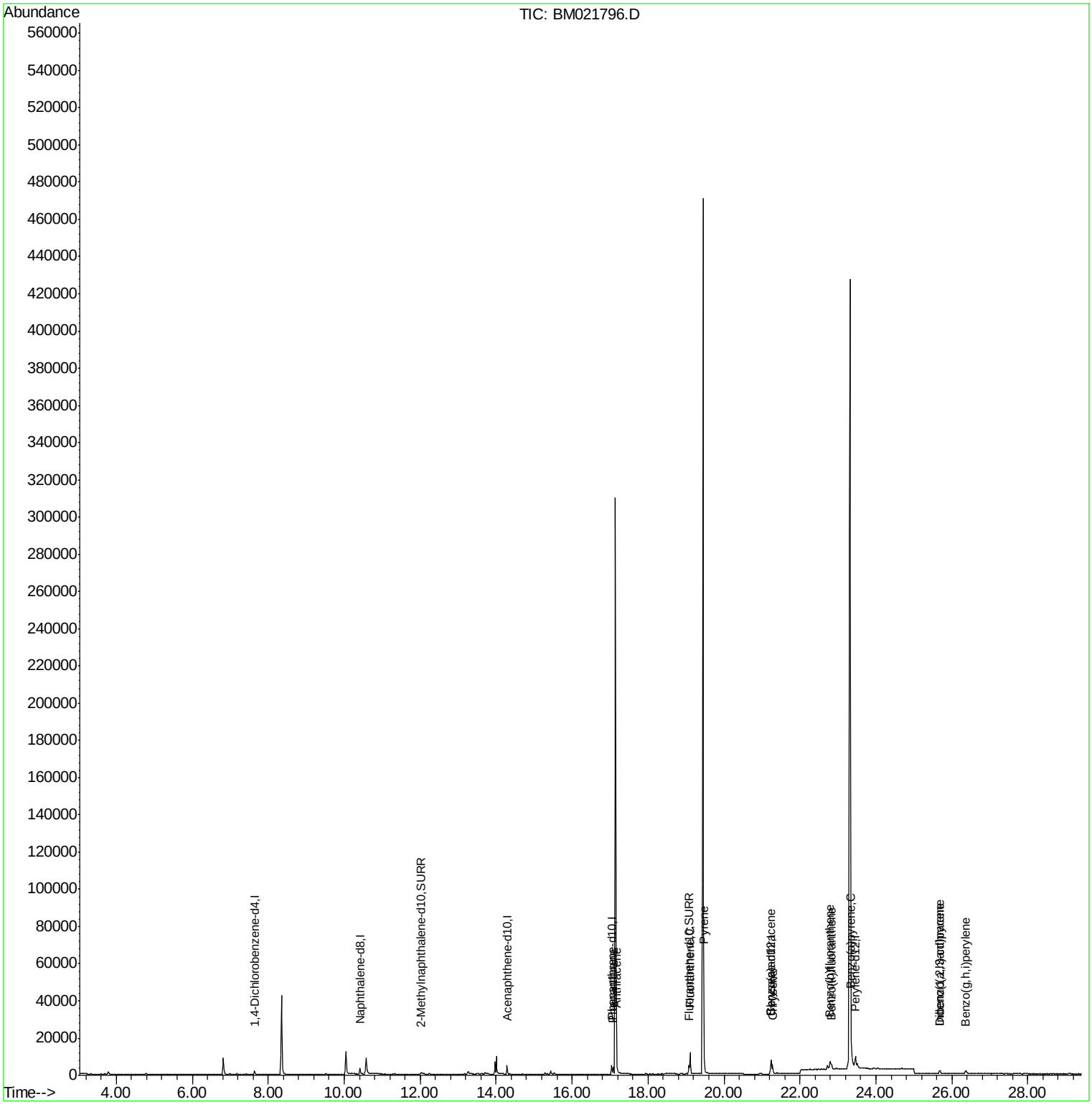
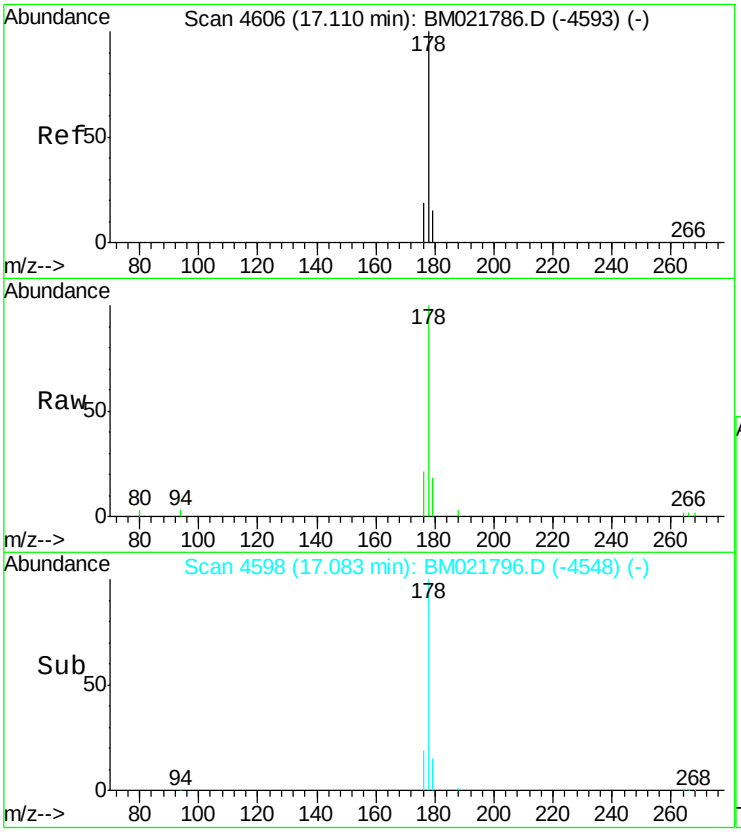
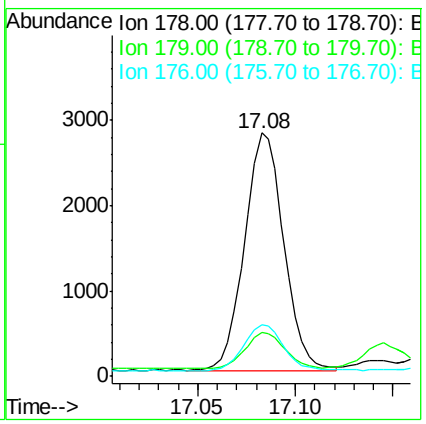




#12
Phenanthrene
Concen: 0.218 ng/ul
RT: 17.08 min Scan# 4598
Delta R.T. -0.03 min
Lab File: BM021796.D
Acq: 04 Aug 2019 05:05

Tgt Ion:178 Resp: 3881

Ion	Ratio	Lower	Upper
178	100		
179	18.2	14.2	21.2
176	21.0	16.8	25.2



Instrument :
BNA_M
ClientSampleId :
A52F6

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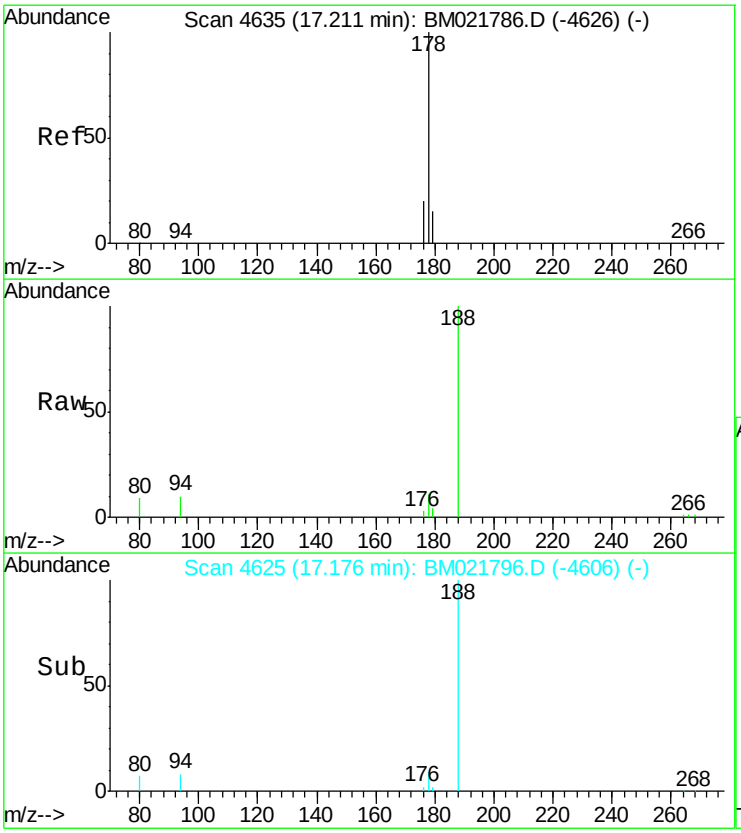
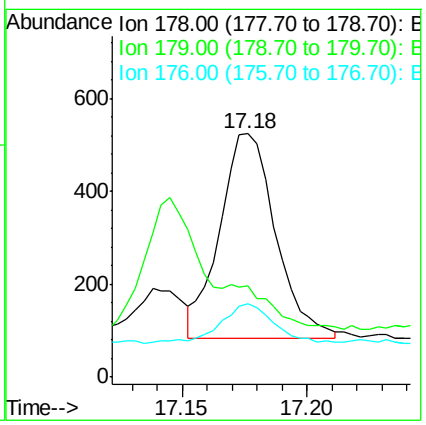
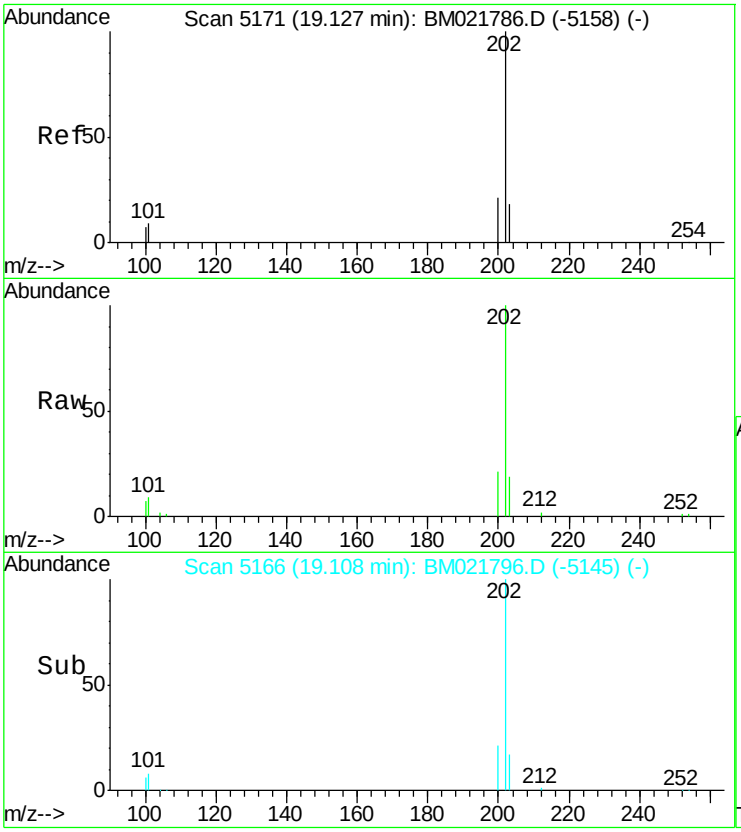


#13
Anthracene
Concen: 0.045 ng/ul m
RT: 17.18 min Scan# 4625
Delta R.T. -0.03 min
Lab File: BM021796.D
Acq: 04 Aug 2019 05:05

Tgt Ion:178 Resp: 689

Ion	Ratio	Lower	Upper
178	100		
179	37.6	15.5	23.3#
176	30.0	16.6	25.0#

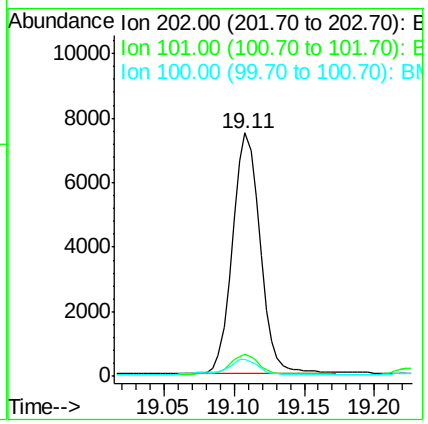




#15
Fluoranthene
Concen: 0.431 ng/ul m
RT: 19.11 min Scan# 5166
Delta R.T. -0.02 min
Lab File: BM021796.D
Acq: 04 Aug 2019 05:05

Tgt Ion:202 Resp: 10279

Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	30.2
100	7.0	0.0	28.1



Instrument :
BNA_M
ClientSampleId :
A52F6

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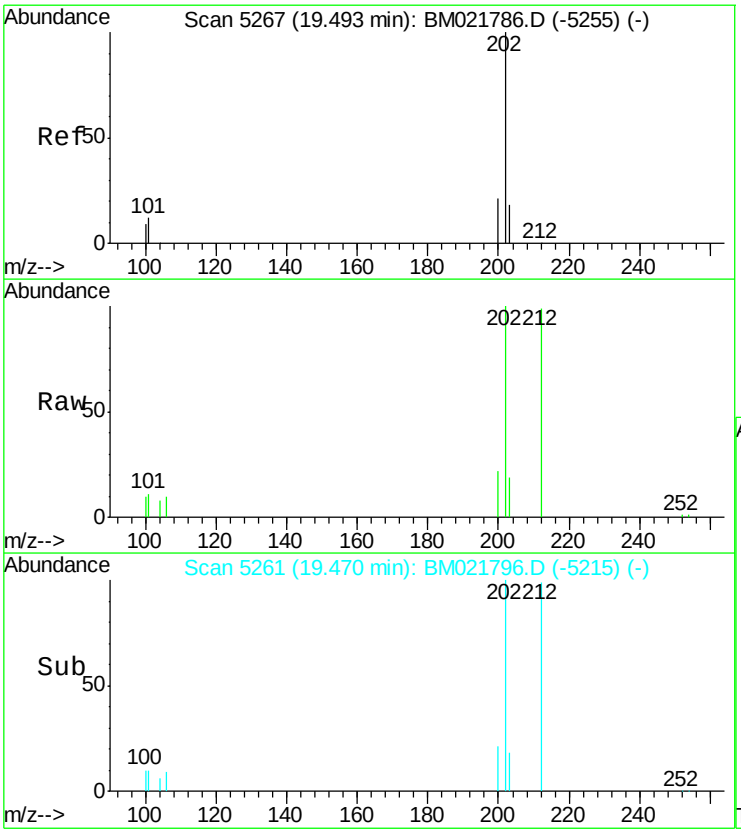
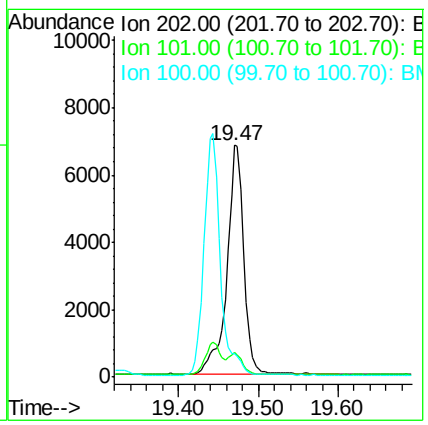
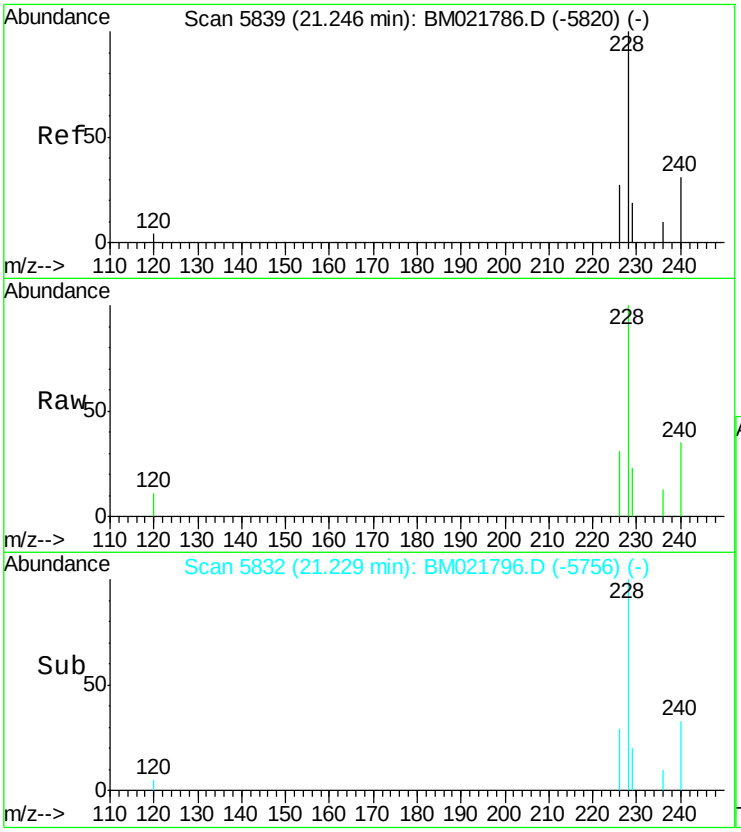


#17
Pyrene
Concen: 0.391 ng/ul
RT: 19.47 min Scan# 5261
Delta R.T. -0.02 min
Lab File: BM021796.D
Acq: 04 Aug 2019 05:05

Tgt Ion:202 Resp: 10074

Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.3	12.5
100	10.3	7.2	10.8

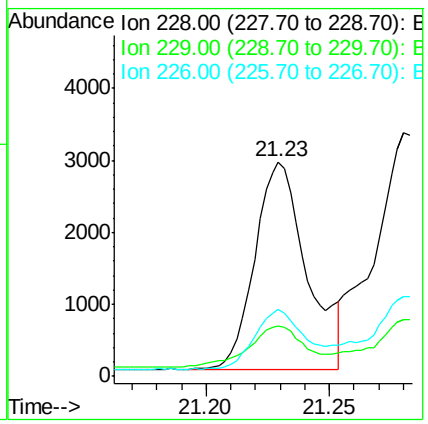




#18
Benzo(a)anthracene
Concen: 0.188 ng/ul
RT: 21.23 min Scan# 5832
Delta R.T. -0.02 min
Lab File: BM021796.D
Acq: 04 Aug 2019 05:05

Tgt Ion:228 Resp: 4223

Ion	Ratio	Lower	Upper
228	100		
229	23.5	17.2	25.8
226	31.0	22.6	34.0



Instrument :
BNA_M
ClientSampleId :
A52F6

Manual Integrations APPROVED
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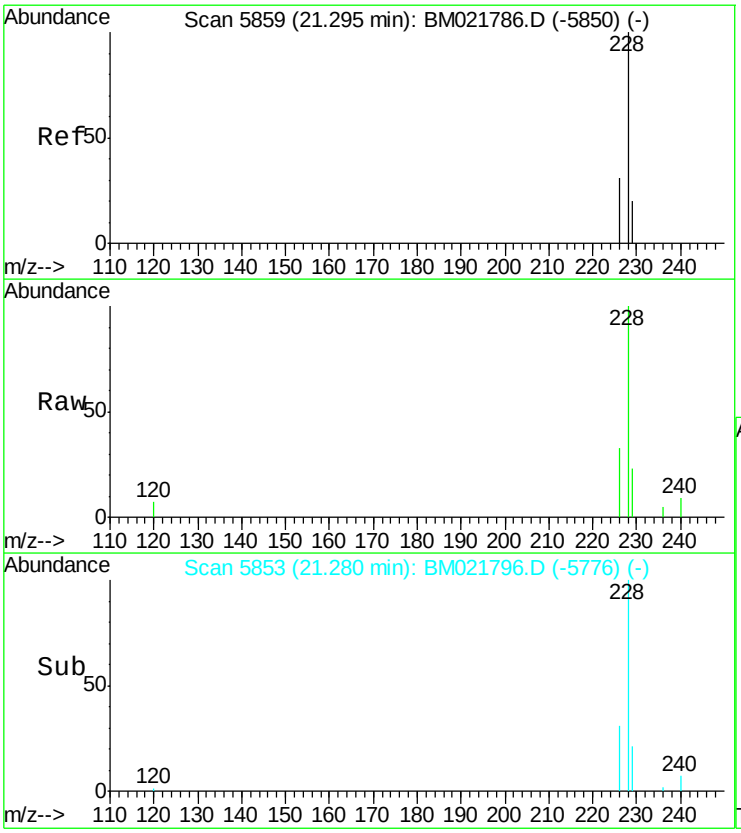
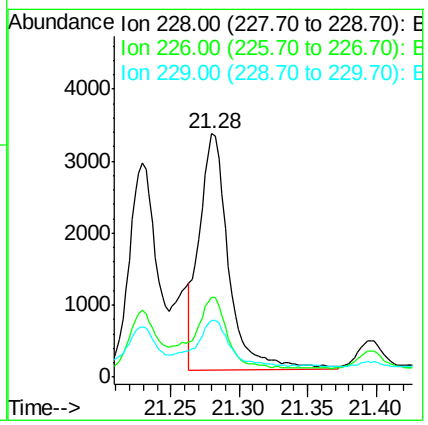
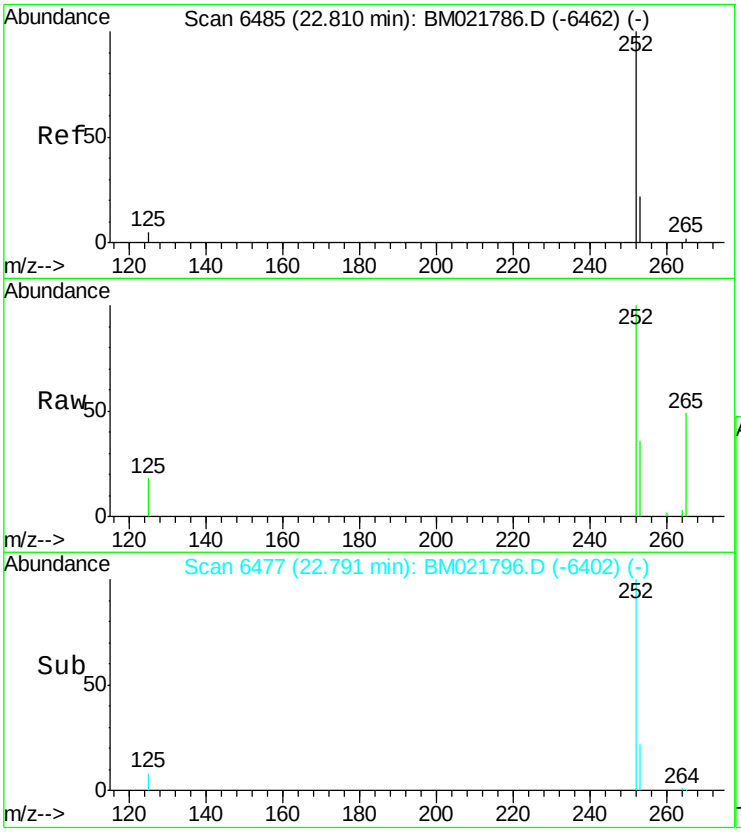


#19
Chrysene
Concen: 0.170 ng/ul
RT: 21.28 min Scan# 5853
Delta R.T. -0.01 min
Lab File: BM021796.D
Acq: 04 Aug 2019 05:05

Tgt Ion:228 Resp: 4904

Ion	Ratio	Lower	Upper
228	100		
226	32.7	24.9	37.3
229	23.5	16.6	25.0

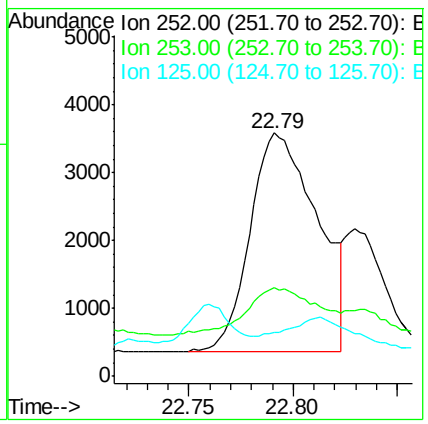




#21
Benzo(b)fluoranthene
Concen: 0.347 ng/ul m
RT: 22.79 min Scan# 6477
Delta R.T. -0.02 min
Lab File: BM021796.D
Acq: 04 Aug 2019 05:05

Tgt Ion:252 Resp: 7185

Ion	Ratio	Lower	Upper
252	100		
253	36.2	0.0	67.4
125	17.8	0.0	31.0



Instrument :
BNA_M
ClientSampleId :
A52F6

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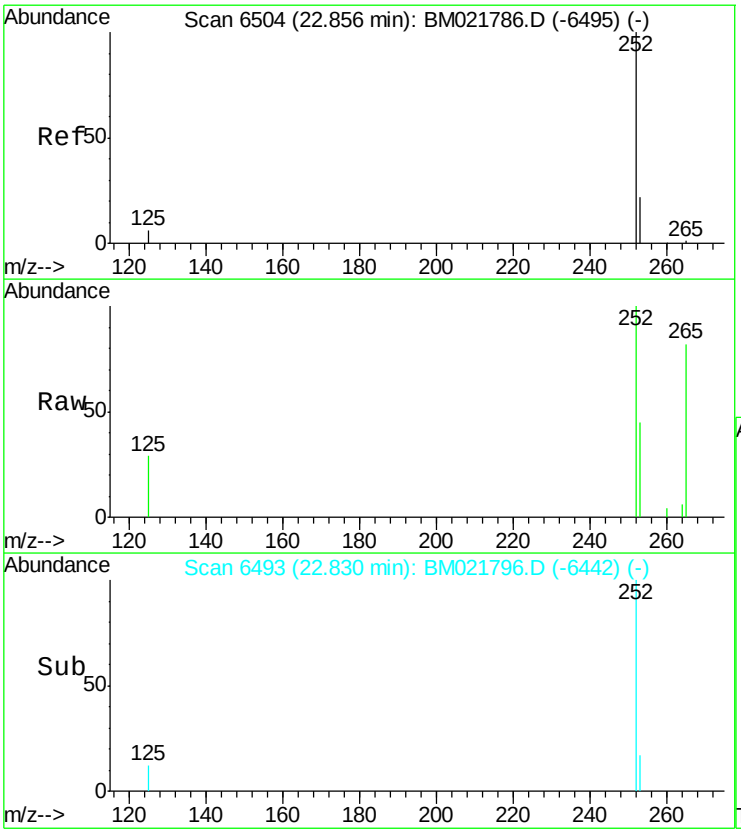
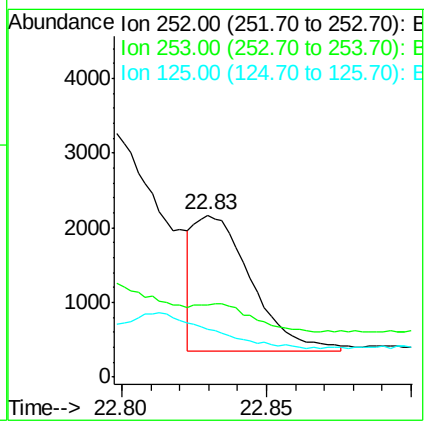
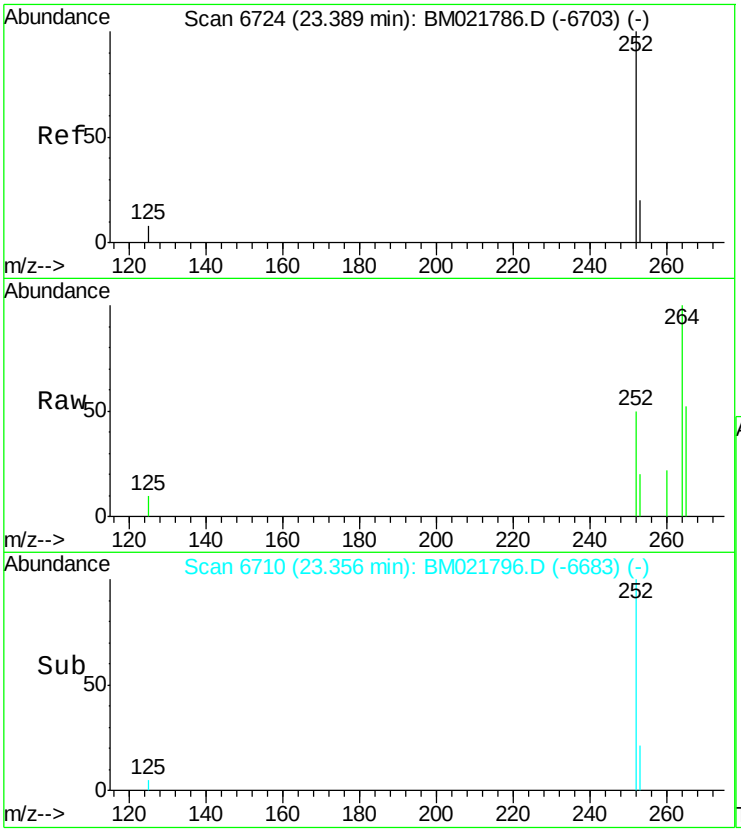


#22
Benzo(k)fluoranthene
Concen: 0.107 ng/ul m
RT: 22.83 min Scan# 6493
Delta R.T. -0.03 min
Lab File: BM021796.D
Acq: 04 Aug 2019 05:05

Tgt Ion:252 Resp: 2512

Ion	Ratio	Lower	Upper
252	100		
253	44.7	27.0	40.4#
125	29.3	12.2	18.2#

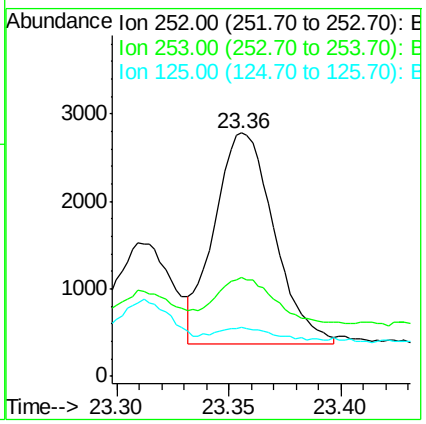




#23
Benzo(a)pyrene
Concen: 0.213 ng/ul m
RT: 23.36 min Scan# 6710
Delta R.T. -0.03 min
Lab File: BM021796.D
Acq: 04 Aug 2019 05:05

Tgt Ion:252 Resp: 4495

Ion	Ratio	Lower	Upper
252	100		
253	40.6	31.7	47.5
125	20.3	14.6	21.8



Instrument :
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ClientSampleId :
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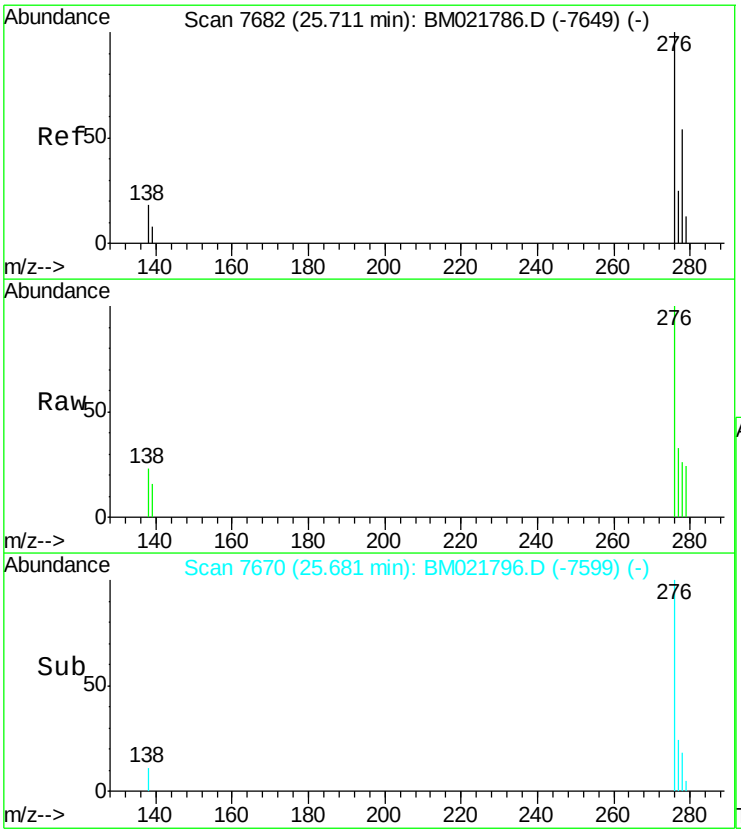
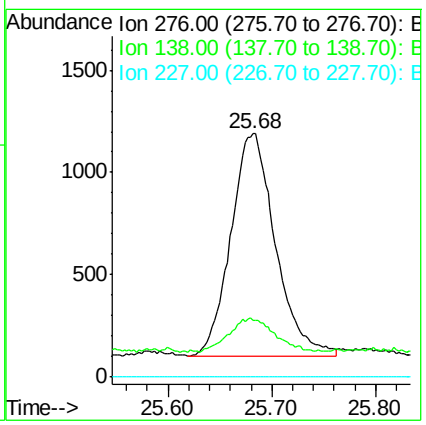
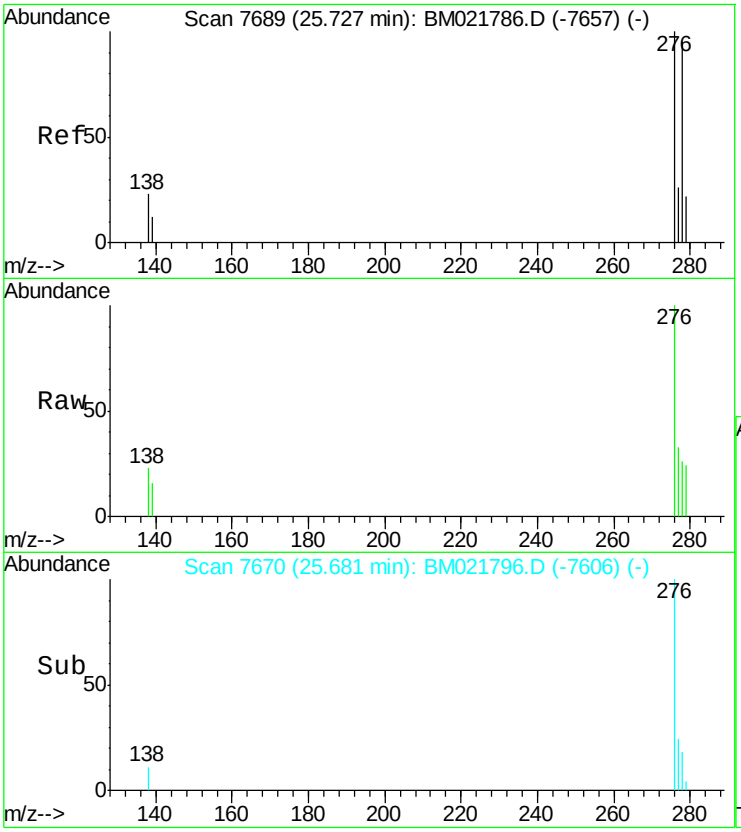


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.130 ng/ul m
RT: 25.68 min Scan# 7670
Delta R.T. -0.03 min
Lab File: BM021796.D
Acq: 04 Aug 2019 05:05

Tgt Ion:276 Resp: 3275

Ion	Ratio	Lower	Upper
276	100		
138	1.1	15.1	22.7#
227	0.0	0.0	0.0





#25
Dibenzo(a,h)anthracene
Concen: 0.036 ng/ul m
RT: 25.68 min Scan# 7670
Delta R.T. -0.05 min
Lab File: BM021796.D
Acq: 04 Aug 2019 05:05

Tgt Ion:278 Resp: 733

Ion	Ratio	Lower	Upper
278	100		
139	60.9	14.2	21.2#
279	92.9	28.3	42.5#

Instrument :
BNA_M
ClientSampleId :
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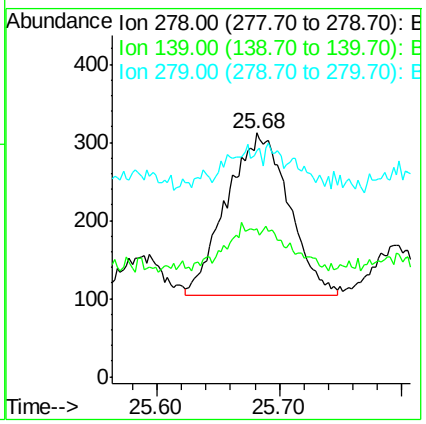
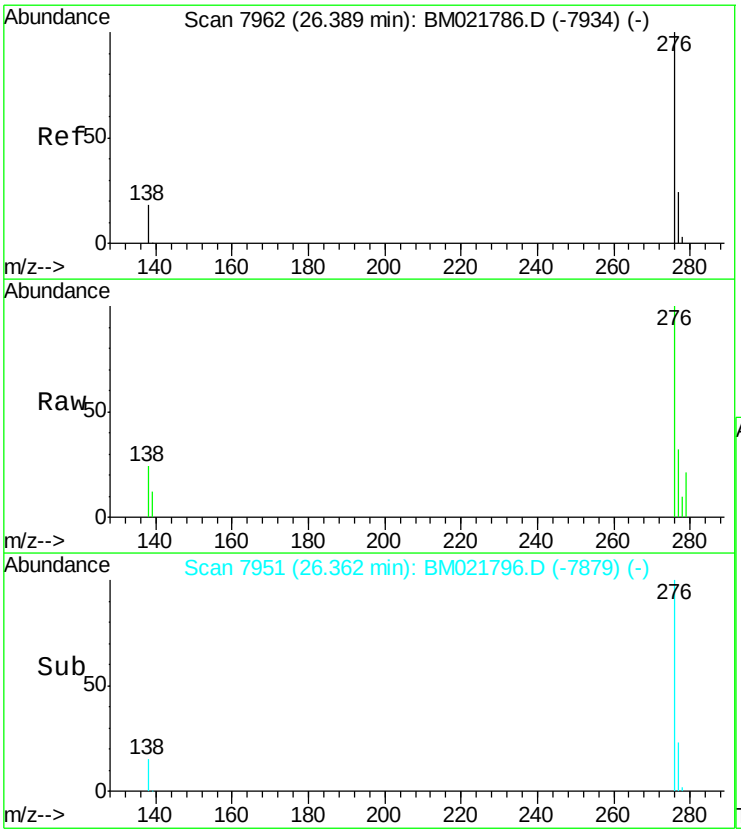
8/5/2019 10:14:41 PM





#26
Benzo(g,h,i)perylene
Concen: 0.156 ng/ul m
RT: 26.36 min Scan# 7951
Delta R.T. -0.03 min
Lab File: BM021796.D
Acq: 04 Aug 2019 05:05

Tgt Ion:276 Resp: 3532

Ion	Ratio	Lower	Upper
276	100		
138	24.0	15.5	23.3#
277	31.6	21.4	32.2