Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\

Quantitation Report (Not Reviewed)

Data File : BM021827.D
Acq On : 05 Aug 2019 01:06
Operator : HP/JU
Sample : K3863-12
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52F2

Quant Time: Aug 05 08:24:16 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	7.64	152	1230	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	4941	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.29	164	2824	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.14	188	310194	0.40	ng/ul	0.08
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.25
20) Perylene-d12	23.31	264	507651	0.40	ng/ul	-0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	1218	0.15	ng/ul	-0.02
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						Qvalue
7) Acenaphthylene	14.01	152	1265	0.096	ng/ul#	93
8) Acenaphthene	14.35	153	360	0.033	ng/ul	93
9) Fluorene	15.34	166	714	0.060	ng/ul#	96
12) Phenanthrene	17.08	178	38633	0.043	ng/ul	97
21) Benzo(b)fluoranthene	22.79	252	128873	0.075	ng/ul	84
22) Benzo(k)fluoranthene	22.79	252	122711	0.063	ng/ul#	84
23) Benzo(a)pyrene	23.26	252	54837	0.031	ng/ul#	80
26) Benzo(g,h,i)perylene	26.35	276	48354	0.026	ng/ul	95

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

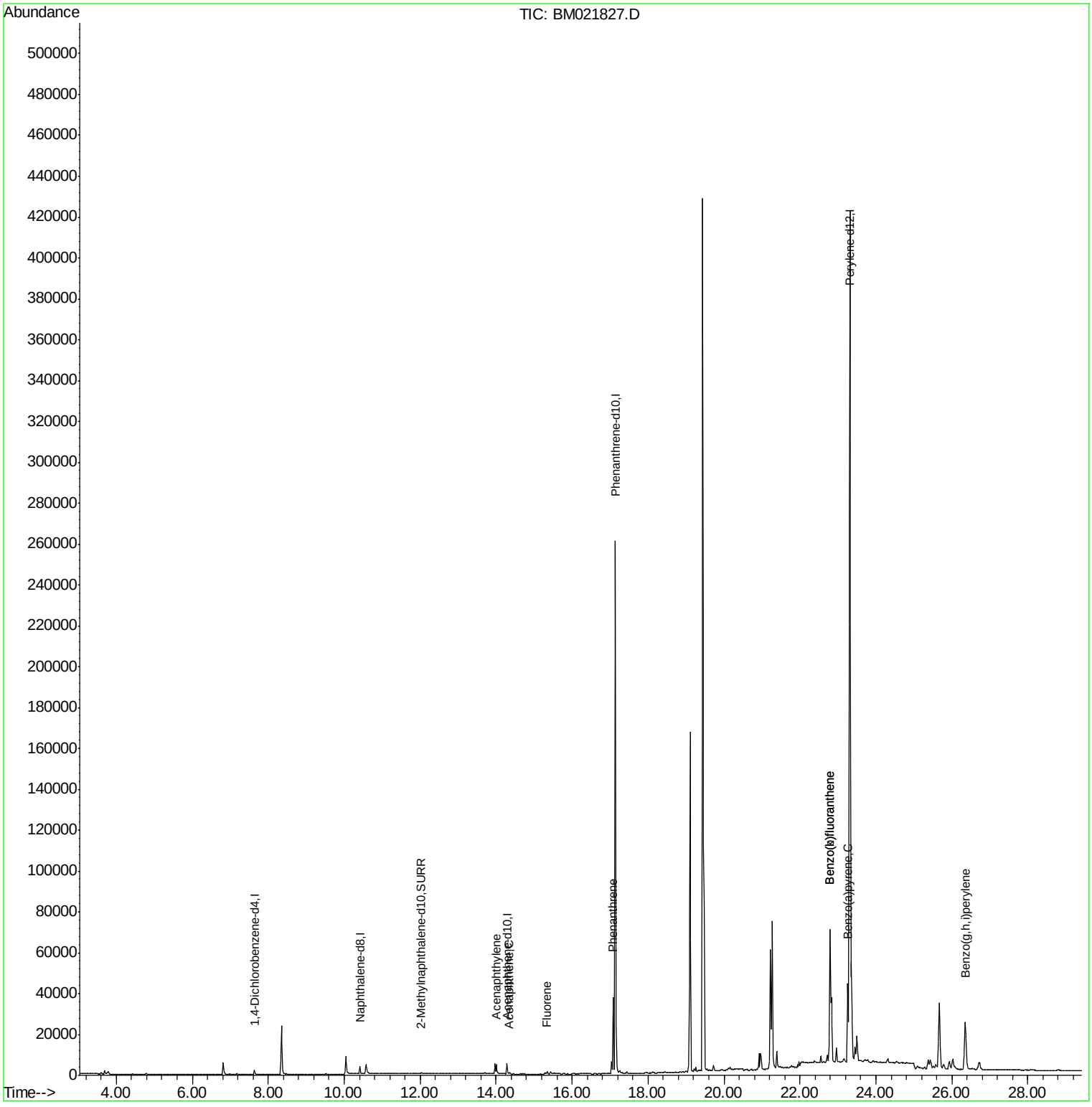
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\

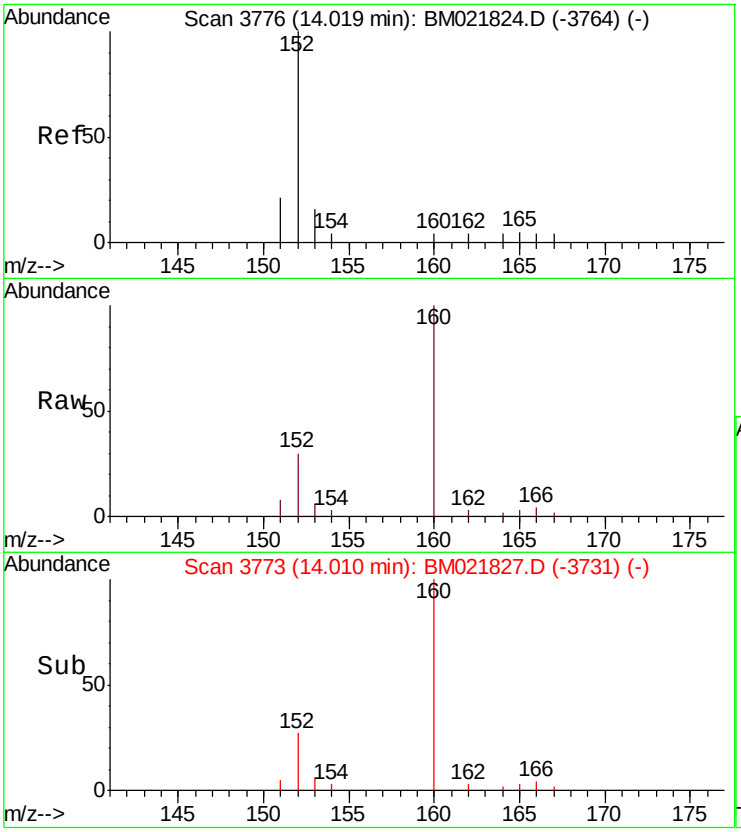
Quantitation Report (Not Reviewed)

Data File : BM021827.D
Acq On : 05 Aug 2019 01:06
Operator : HP/JU
Sample : K3863-12
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52F2

Quant Time: Aug 05 08:24:16 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



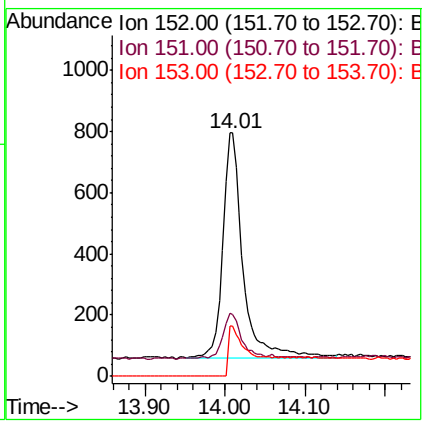


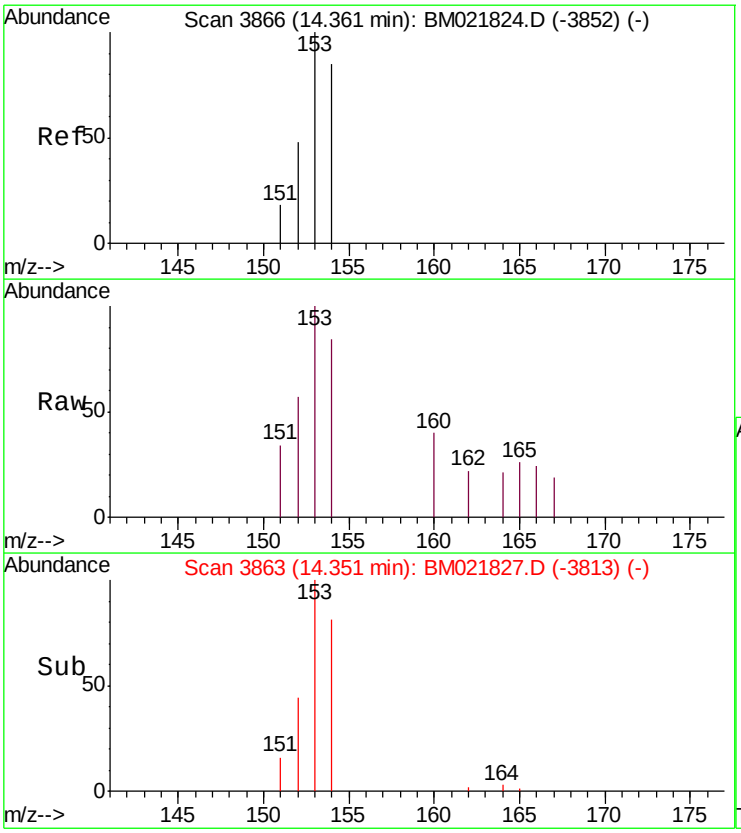
#7
Acenaphthylene
Concen: 0.096 ng/ul
RT: 14.01 min Scan# 3773
Delta R.T. -0.01 min
Lab File: BM021827.D
Acq: 05 Aug 2019 01:06

Instrument :
BNA_M
ClientSampleId :
A52F2

Tgt Ion:152 Resp: 1265

Ion	Ratio	Lower	Upper
152	100		
151	25.3	18.3	27.5
153	20.5	12.8	19.2#

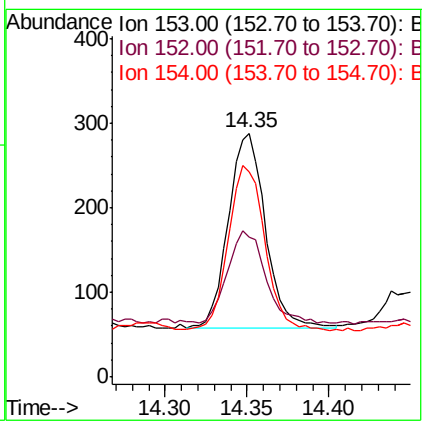


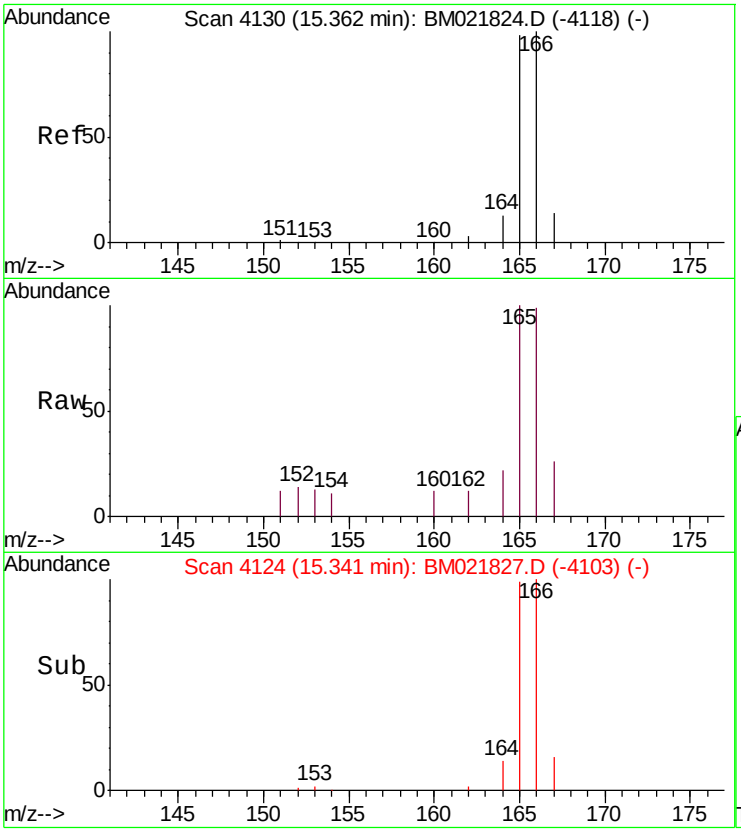


#8
Acenaphthene
Concen: 0.033 ng/ul
RT: 14.35 min Scan# 3863
Delta R.T. -0.01 min
Lab File: BM021827.D
Acq: 05 Aug 2019 01:06

Tgt Ion:153 Resp: 360

Ion	Ratio	Lower	Upper
153	100		
152	57.3	41.3	61.9
154	84.0	72.3	108.5



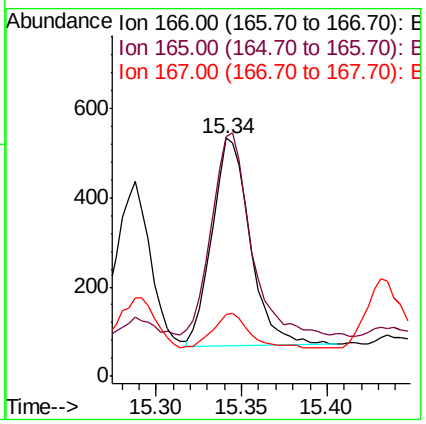


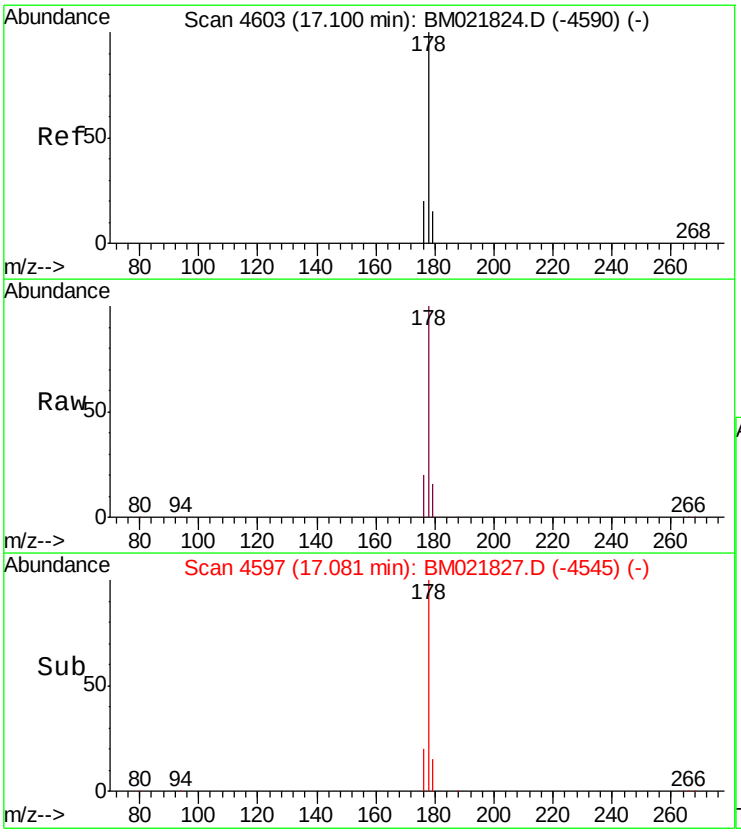
#9
Fluorene
Concen: 0.060 ng/ul
RT: 15.34 min Scan# 4124
Delta R.T. -0.02 min
Lab File: BM021827.D
Acq: 05 Aug 2019 01:06

Instrument :
BNA_M
ClientSampleId :
A52F2

Tgt Ion:166 Resp: 714

Ion	Ratio	Lower	Upper
166	100		
165	100.9	81.4	122.0
167	26.1	13.7	20.5#

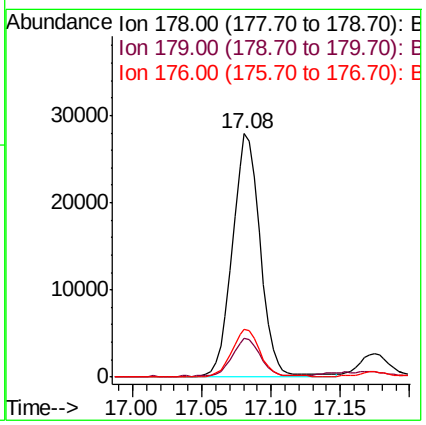


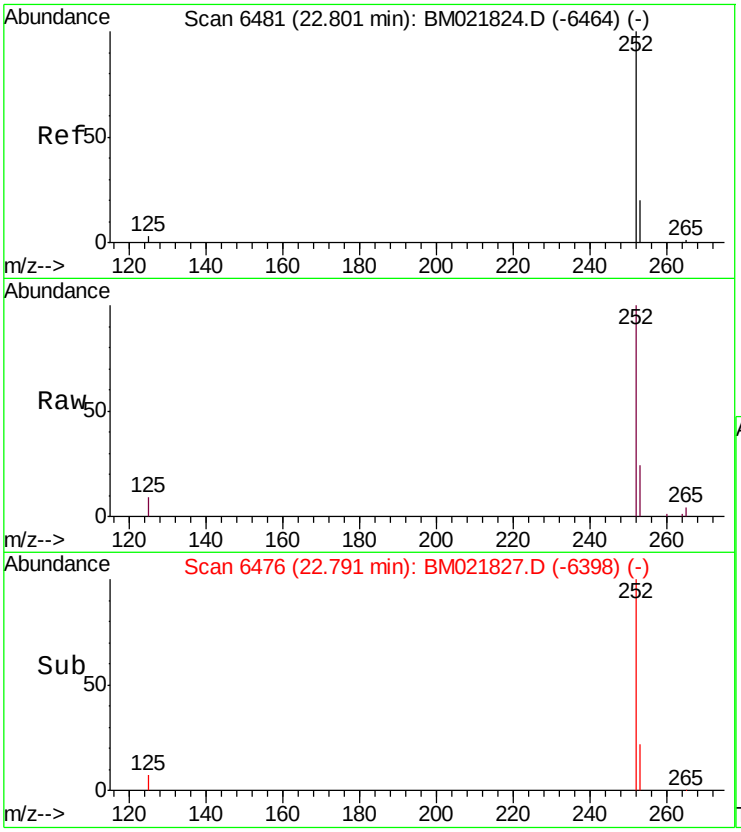


#12
Phenanthrene
Concen: 0.043 ng/ul
RT: 17.08 min Scan# 4597
Delta R.T. -0.02 min
Lab File: BM021827.D
Acq: 05 Aug 2019 01:06

Tgt Ion:178 Resp: 38633

Ion	Ratio	Lower	Upper
178	100		
179	15.7	14.2	21.2
176	19.8	16.8	25.2



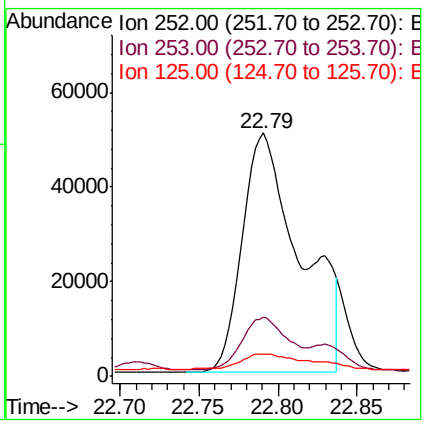


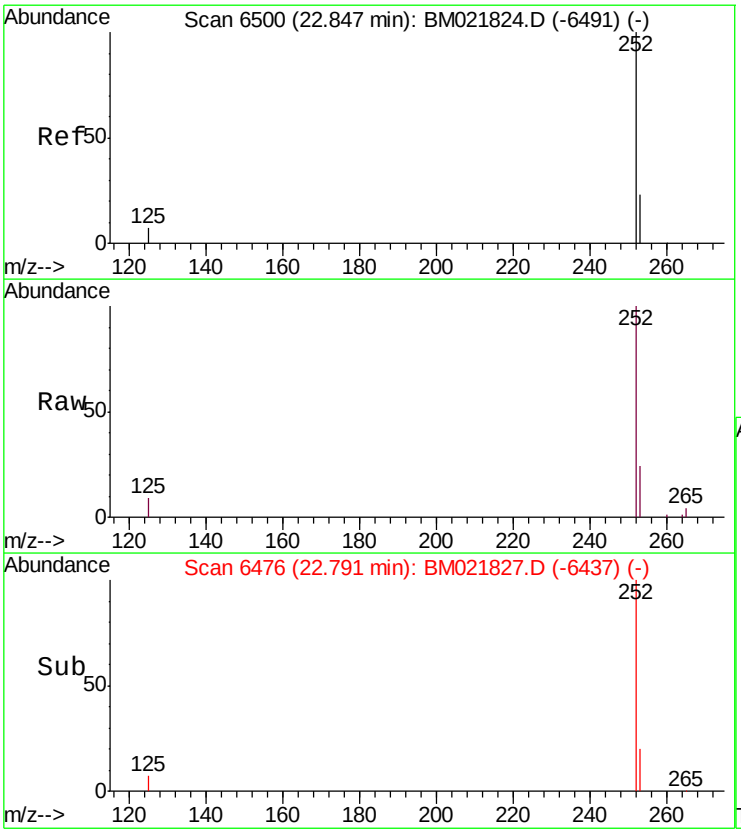
#21
Benzo(b)fluoranthene
Concen: 0.075 ng/ul
RT: 22.79 min Scan# 6476
Delta R.T. -0.01 min
Lab File: BM021827.D
Acq: 05 Aug 2019 01:06

Instrument :
BNA_M
ClientSampleId :
A52F2

Tgt Ion:252 Resp: 128873

Ion	Ratio	Lower	Upper
252	100		
253	24.1	0.0	67.4
125	9.3	0.0	31.0

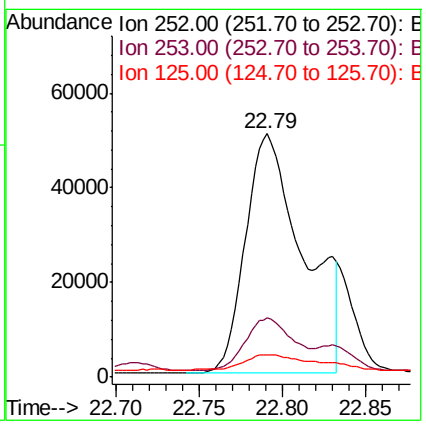


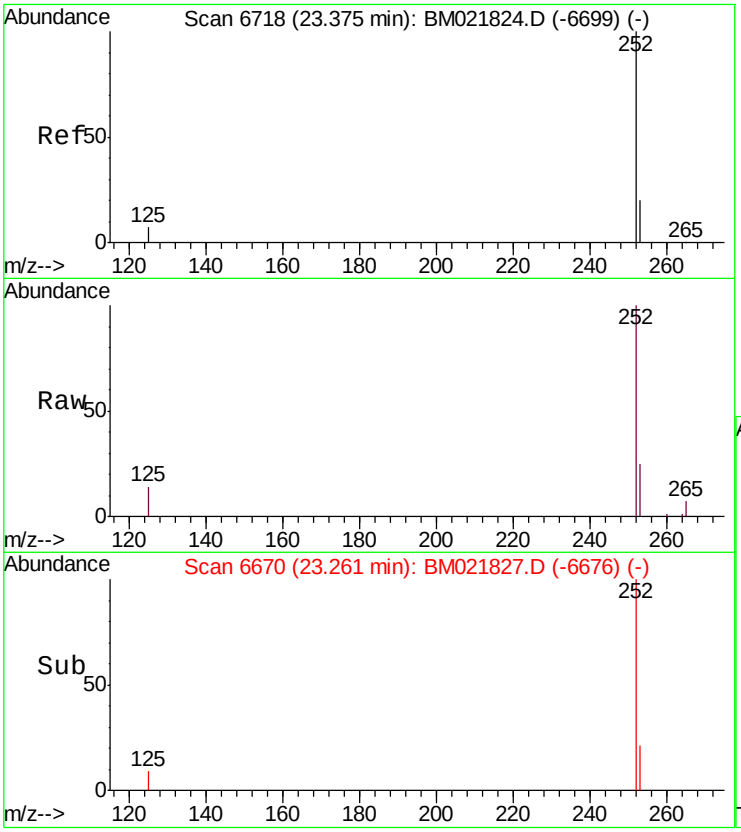


#22
Benzo(k)fluoranthene
Concen: 0.063 ng/ul
RT: 22.79 min Scan# 6476
Delta R.T. -0.06 min
Lab File: BM021827.D
Acq: 05 Aug 2019 01:06

Tgt Ion:252 Resp: 122711

Ion	Ratio	Lower	Upper
252	100		
253	24.1	27.0	40.4#
125	9.3	12.2	18.2#



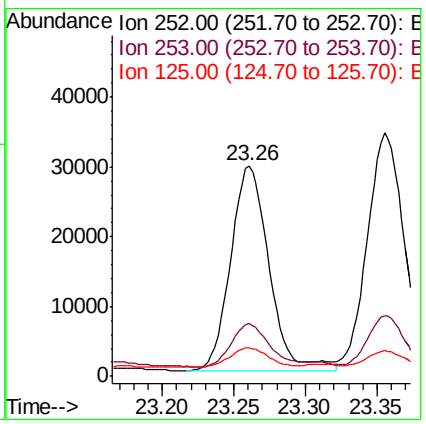


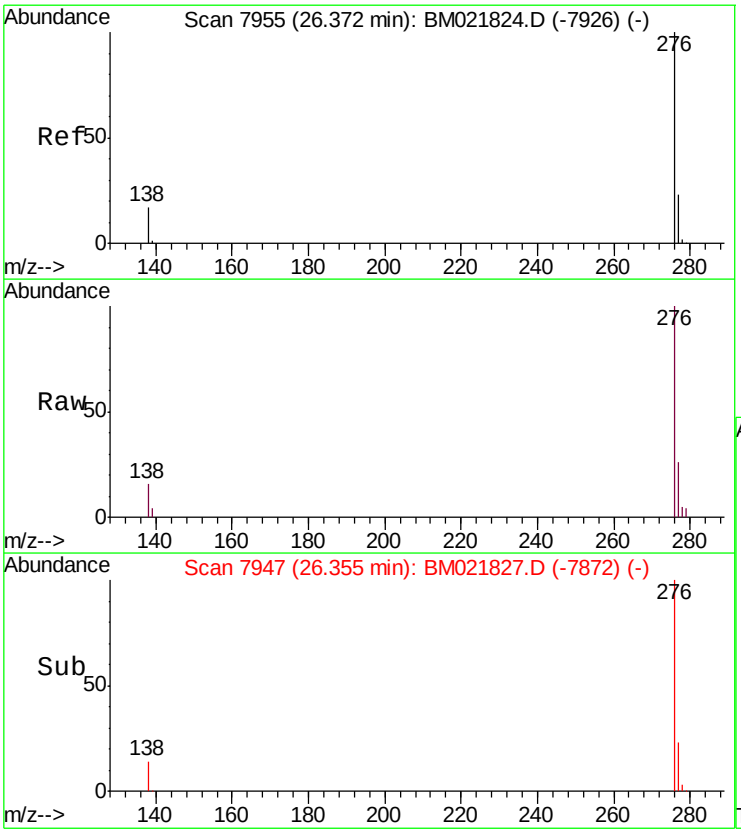
#23
Benzo(a)pyrene
Concen: 0.031 ng/ul
RT: 23.26 min Scan# 6670
Delta R.T. -0.11 min
Lab File: BM021827.D
Acq: 05 Aug 2019 01:06

Instrument :
BNA_M
ClientSampleId :
A52F2

Tgt Ion:252 Resp: 54837

Ion	Ratio	Lower	Upper
252	100		
253	25.0	31.7	47.5#
125	13.5	14.6	21.8#





#26
Benzo(g,h,i)perylene
Concen: 0.026 ng/ul
RT: 26.35 min Scan# 7947
Delta R.T. -0.02 min
Lab File: BM021827.D
Acq: 05 Aug 2019 01:06

Tgt Ion:276 Resp: 48354

Ion	Ratio	Lower	Upper
276	100		
138	15.5	15.5	23.3
277	26.0	21.4	32.2