Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120618\
Data File : BN003745.D
Acq On : 07 Dec 2018 00:40
Operator : JU/SJ
Sample : J6227-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E74

Manual Integrations APPROVED
mohammad
12/10/2018 12:20:40 PM

Quant Time: Dec 07 04:32:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 07 04:08:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	5958	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	24426	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	13077	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	28060	0.40	ng/ul	0.00
16) Chrysene-d12	21.39	240	21602	0.40	ng/ul	0.00
20) Perylene-d12	23.70	264	20863	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	5124	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	10408	0.13	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.26	178	10762	0.117	ng/ul	99
15) Fluoranthene	19.27	202	9469	0.087	ng/ul	92
17) Pyrene	19.63	202	10478m	0.135	ng/ul	
18) Benzo(a)anthracene	21.38	228	5765	0.084	ng/ul	95
19) Chrysene	21.43	228	8234	0.105	ng/ul	96
21) Benzo(b)fluoranthene	23.00	252	8476m	0.098	ng/ul	
22) Benzo(k)fluoranthene	23.05	252	2935m	0.035	ng/ul	
23) Benzo(a)pyrene	23.60	252	4297	0.057	ng/ul#	70
24) Indeno(1,2,3-cd)pyrene	26.05	276	3226	0.038	ng/ul#	98
26) Benzo(g,h,i)perylene	26.78	276	2701	0.036	ng/ul#	78

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

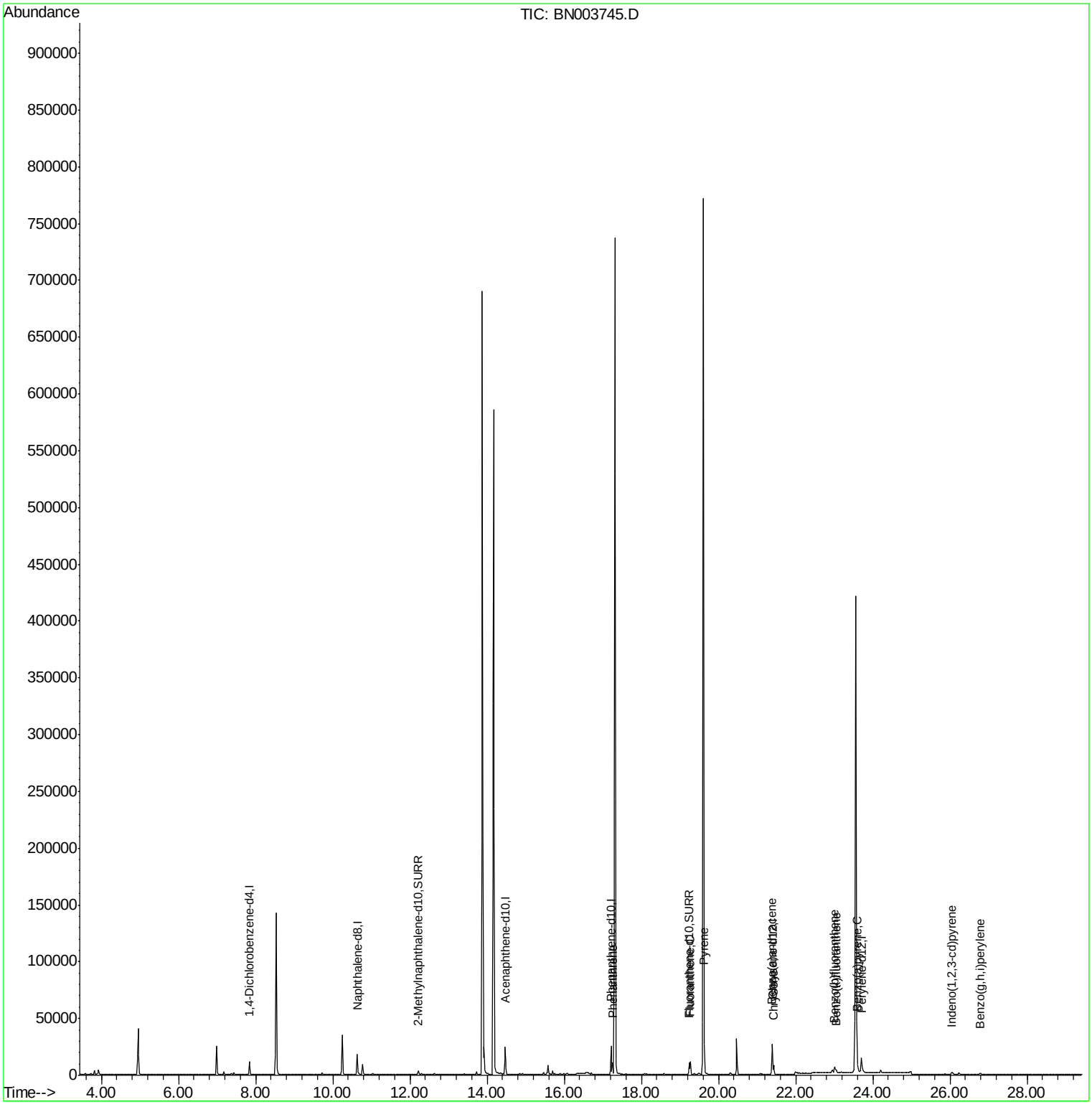
Quantitation Report (QT Reviewed)

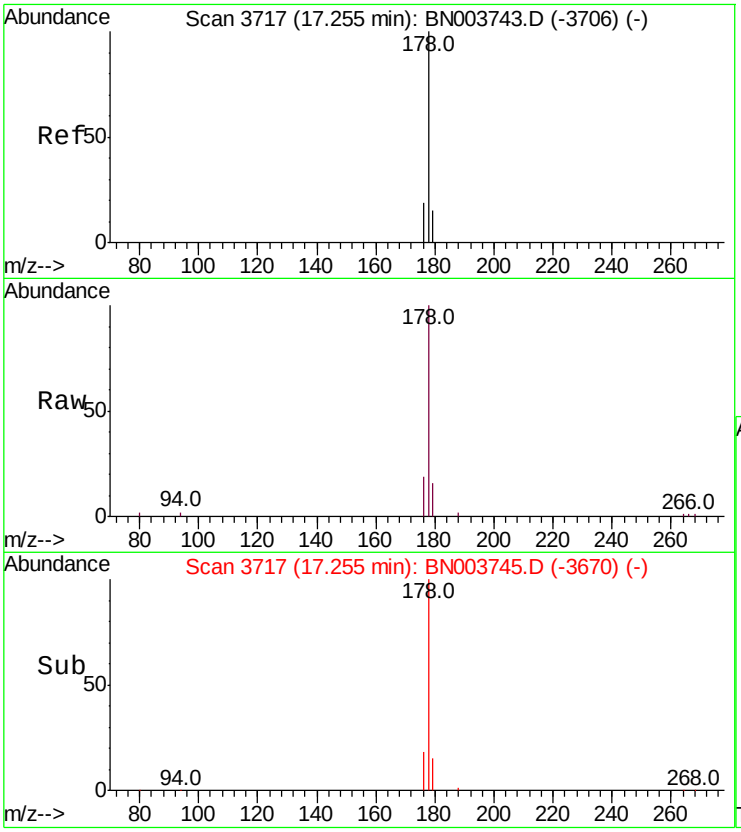
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120618\
Data File : BN003745.D
Acq On : 07 Dec 2018 00:40
Operator : JU/SJ
Sample : J6227-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 07 04:32:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 07 04:08:50 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9E74

Manual Integrations APPROVED
mohammad
12/10/2018 12:20:40 PM





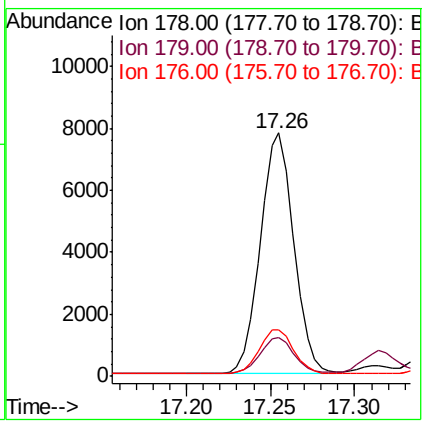
#12
Phenanthrene
Concen: 0.117 ng/ul
RT: 17.26 min Scan# 3717
Delta R.T. 0.00 min
Lab File: BN003745.D
Acq: 07 Dec 2018 00:40

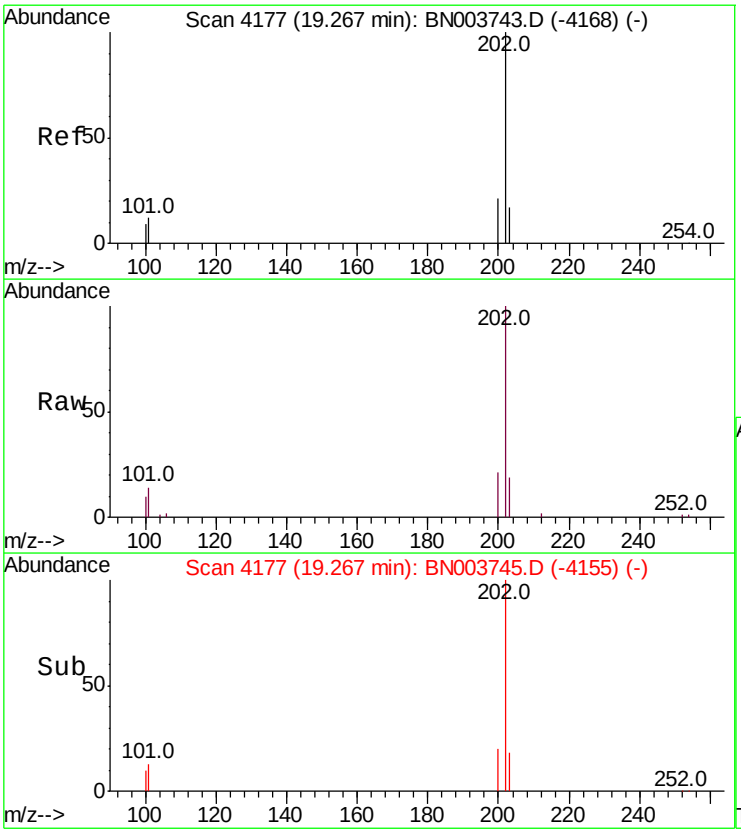
Tgt Ion:178 Resp: 10762

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.5	18.7
176	19.3	15.0	22.4

Instrument :
BNA_N
ClientSampleId :
F9E74

Manual Integrations APPROVED
mohammad
12/10/2018 12:20:40 PM

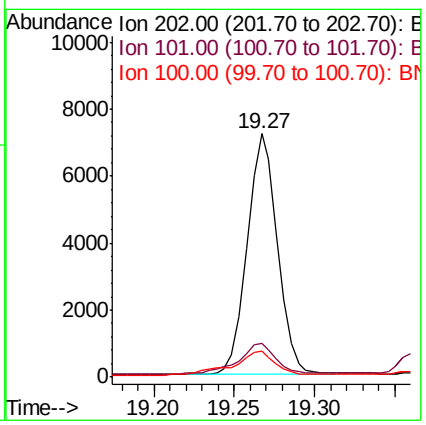


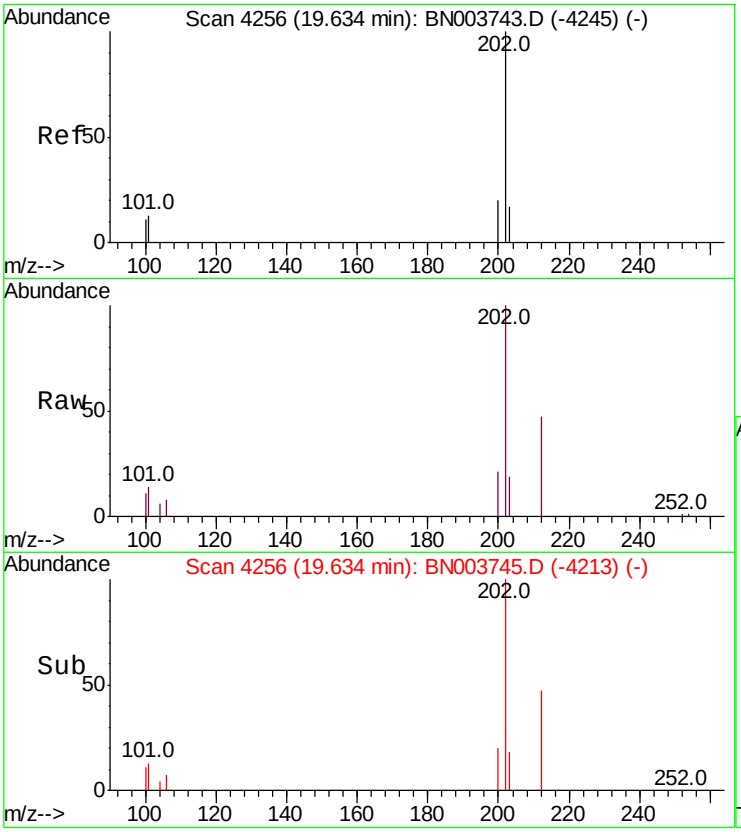


#15
Fluoranthene
Concen: 0.087 ng/ul
RT: 19.27 min Scan# 4177
Delta R.T. 0.00 min
Lab File: BN003745.D
Acq: 07 Dec 2018 00:40

Tgt Ion:202 Resp: 9469

Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	30.7
100	10.5	0.0	28.1

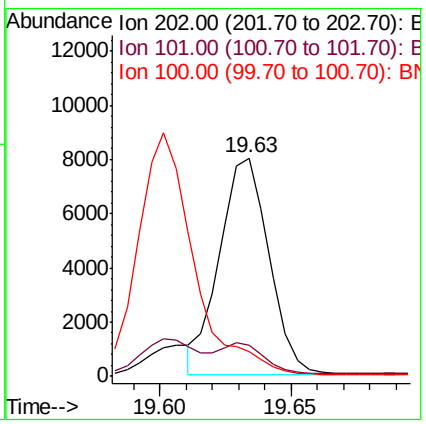




#17
Pyrene
Concen: 0.135 ng/ul m
RT: 19.63 min Scan# 4256
Delta R.T. 0.00 min
Lab File: BN003745.D
Acq: 07 Dec 2018 00:40

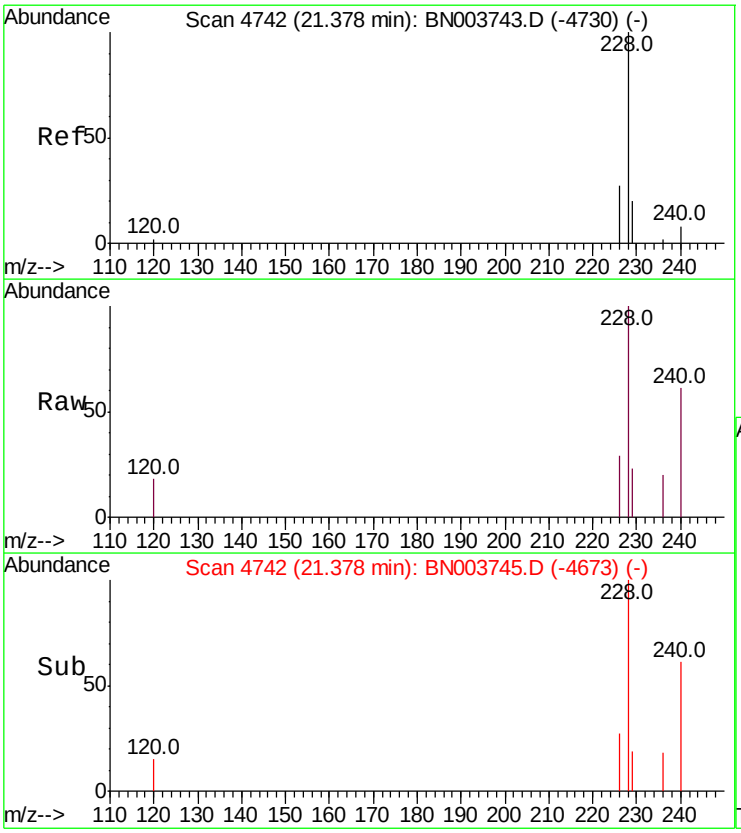
Tgt Ion:202 Resp: 10478

Ion	Ratio	Lower	Upper
202	100		
101	14.3	10.3	15.5
100	11.4	8.5	12.7



Instrument :
BNA_N
ClientSampleId :
F9E74

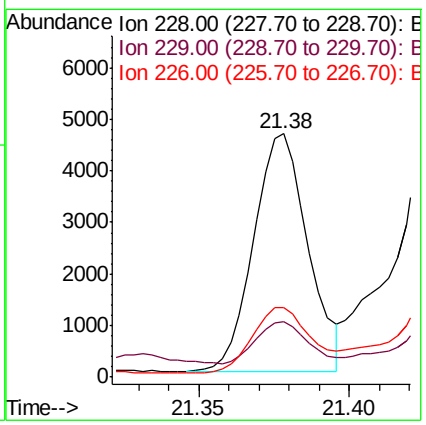
Manual Integrations APPROVED
mohammad
12/10/2018 12:20:40 PM

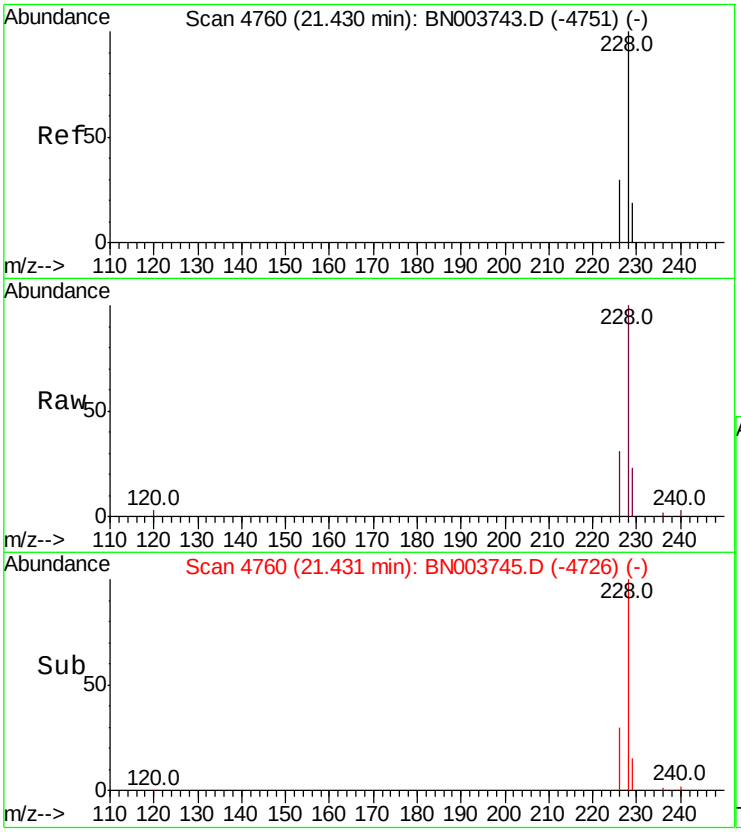


#18
Benzo(a)anthracene
Concen: 0.084 ng/ul
RT: 21.38 min Scan# 4742
Delta R.T. 0.00 min
Lab File: BN003745.D
Acq: 07 Dec 2018 00:40

Tgt Ion:228 Resp: 5765

Ion	Ratio	Lower	Upper
228	100		
229	22.8	15.6	23.4
226	28.5	21.1	31.7

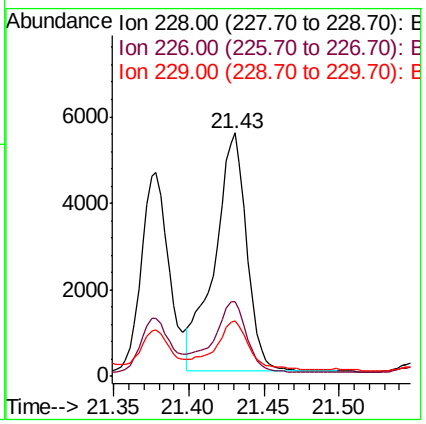




#19
Chrysene
Concen: 0.105 ng/ul
RT: 21.43 min Scan# 4760
Delta R.T. 0.00 min
Lab File: BN003745.D
Acq: 07 Dec 2018 00:40

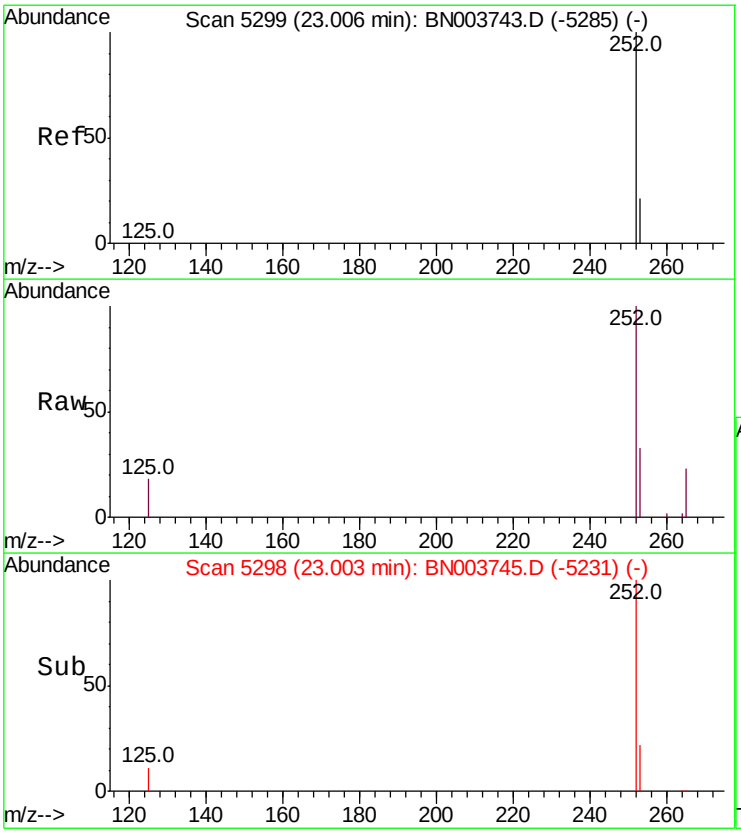
Tgt Ion:228 Resp: 8234

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.0	36.0
229	22.8	15.7	23.5



Instrument :
BNA_N
ClientSampleId :
F9E74

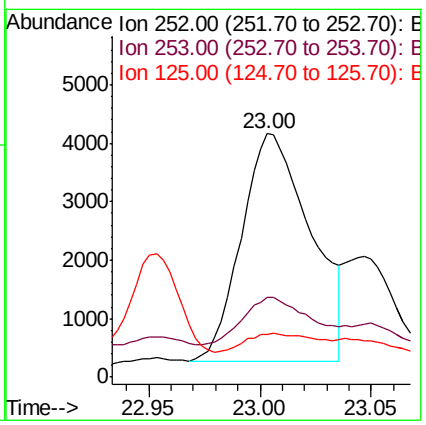
Manual Integrations APPROVED
mohammad
12/10/2018 12:20:40 PM

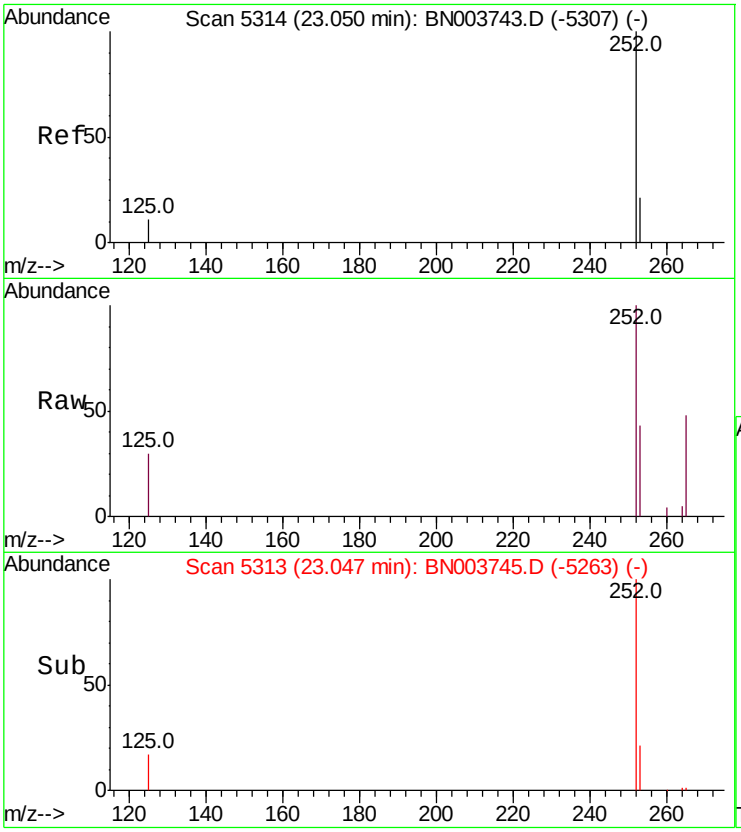


#21
Benzo(b)fluoranthene
Concen: 0.098 ng/ul m
RT: 23.00 min Scan# 5298
Delta R.T. -0.00 min
Lab File: BN003745.D
Acq: 07 Dec 2018 00:40

Tgt Ion:252 Resp: 8476

Ion	Ratio	Lower	Upper
252	100		
253	32.8	0.0	46.0
125	17.7	0.0	22.4

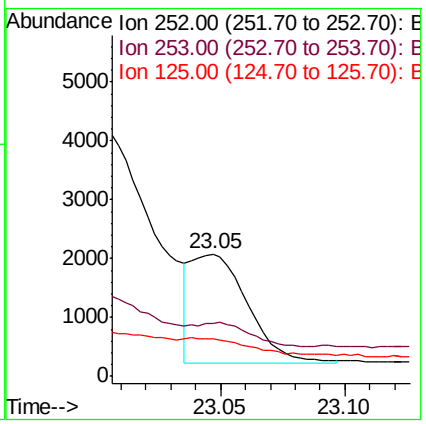




#22
Benzo(k)fluoranthene
Concen: 0.035 ng/ul m
RT: 23.05 min Scan# 5313
Delta R.T. -0.00 min
Lab File: BN003745.D
Acq: 07 Dec 2018 00:40

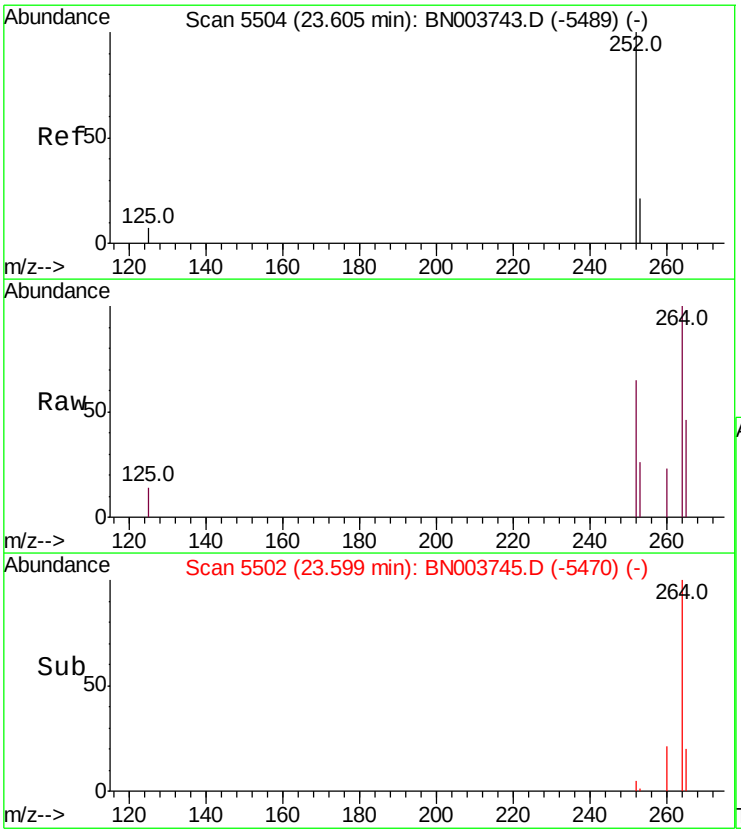
Tgt Ion:252 Resp: 2935

Ion	Ratio	Lower	Upper
252	100		
253	43.4	18.5	27.7#
125	30.4	9.0	13.6#



Instrument :
BNA_N
ClientSampleId :
F9E74

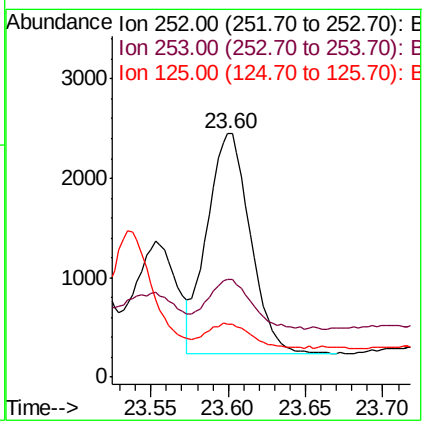
Manual Integrations APPROVED
mohammad
12/10/2018 12:20:40 PM

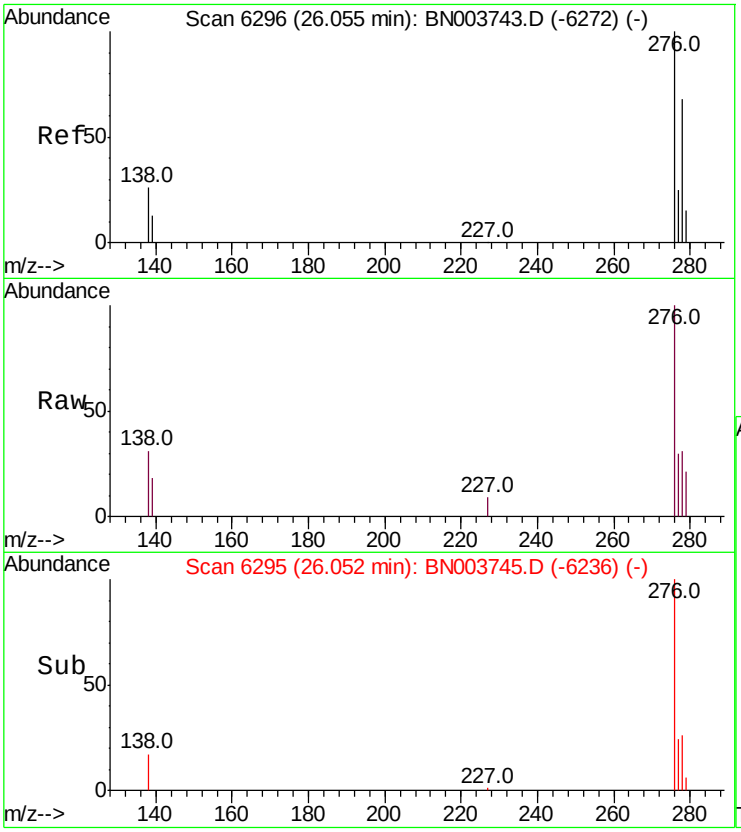


#23
Benzo(a)pyrene
Concen: 0.057 ng/ul
RT: 23.60 min Scan# 5502
Delta R.T. -0.01 min
Lab File: BN003745.D
Acq: 07 Dec 2018 00:40

Tgt Ion:252 Resp: 4297

Ion	Ratio	Lower	Upper
252	100		
253	40.2	19.0	28.4#
125	21.7	10.2	15.4#





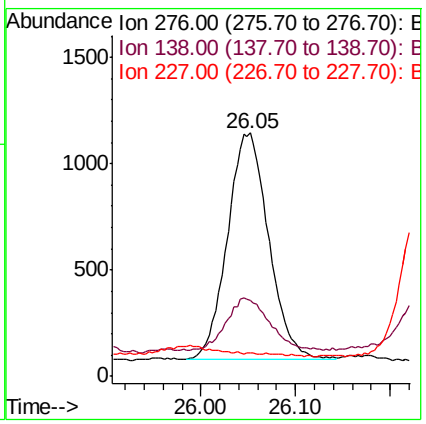
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.038 ng/ul
RT: 26.05 min Scan# 6295
Delta R.T. -0.00 min
Lab File: BN003745.D
Acq: 07 Dec 2018 00:40

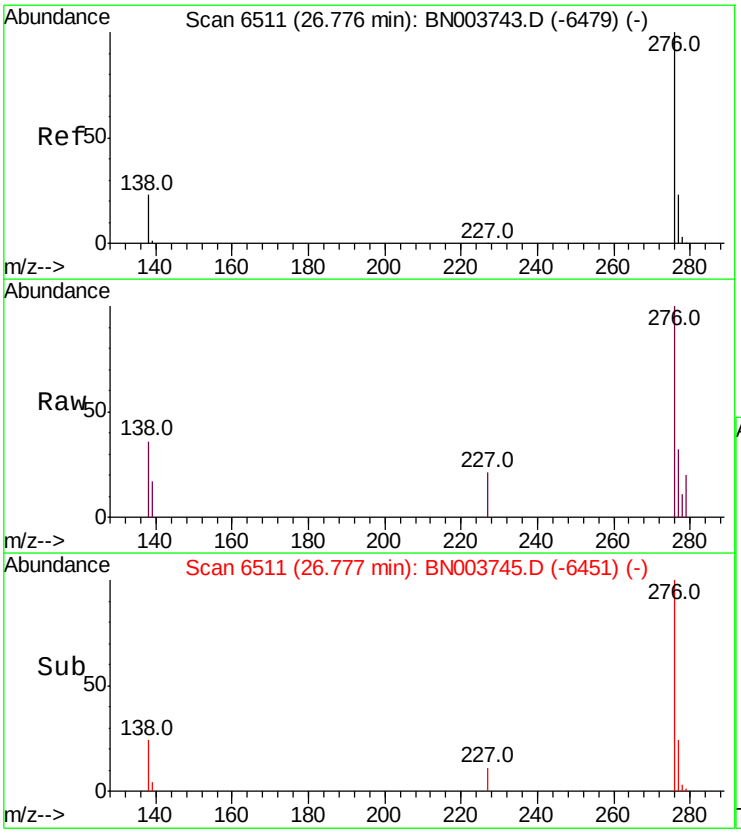
Tgt Ion:276 Resp: 3226

Ion	Ratio	Lower	Upper
276	100		
138	24.6	20.3	30.5
227	0.0	0.2	0.2#

Instrument :
BNA_N
ClientSampleId :
F9E74

Manual Integrations APPROVED
mohammad
12/10/2018 12:20:40 PM





#26
Benzo(g,h,i)perylene
Concen: 0.036 ng/ul
RT: 26.78 min Scan# 6511
Delta R.T. 0.00 min
Lab File: BN003745.D
Acq: 07 Dec 2018 00:40

Tgt Ion:276 Resp: 2701

Ion	Ratio	Lower	Upper
276	100		
138	35.8	17.7	26.5#
277	31.8	19.3	28.9#