Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110218\
Data File : BN003409.D
Acq On : 02 Nov 2018 18:40
Operator : MJ/SJ
Sample : J5704-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40J9

Manual Integrations APPROVED
Sohil
11/5/2018 4:09:14 PM

Quant Time: Nov 02 23:27:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:49:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	10956	0.40	ng/ul	0.00
2) Naphthalene-d8	10.65	136	45553	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	26412	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.23	188	59156m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	45495m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	36022m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.24	152	20862	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.26	212	48516m	0.29	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.28	178	33346	0.172	ng/ul	99
13) Anthracene	17.36	178	6888m	0.044	ng/ul	
15) Fluoranthene	19.28	202	66935m	0.307	ng/ul	
17) Pyrene	19.65	202	53337m	0.322	ng/ul	
18) Benzo(a)anthracene	21.39	228	22854m	0.160	ng/ul	
19) Chrysene	21.44	228	24479m	0.151	ng/ul	
21) Benzo(b)fluoranthene	23.02	252	28238m	0.182	ng/ul	
22) Benzo(k)fluoranthene	23.07	252	9635m	0.064	ng/ul	
23) Benzo(a)pyrene	23.62	252	17544m	0.135	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.08	276	12237m	0.088	ng/ul	
25) Dibenzo(a,h)anthracene	26.08	278	3239m	0.029	ng/ul	
26) Benzo(g,h,i)perylene	26.81	276	9140m	0.077	ng/ul	

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

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Instrument :
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Manual Integrations APPROVED
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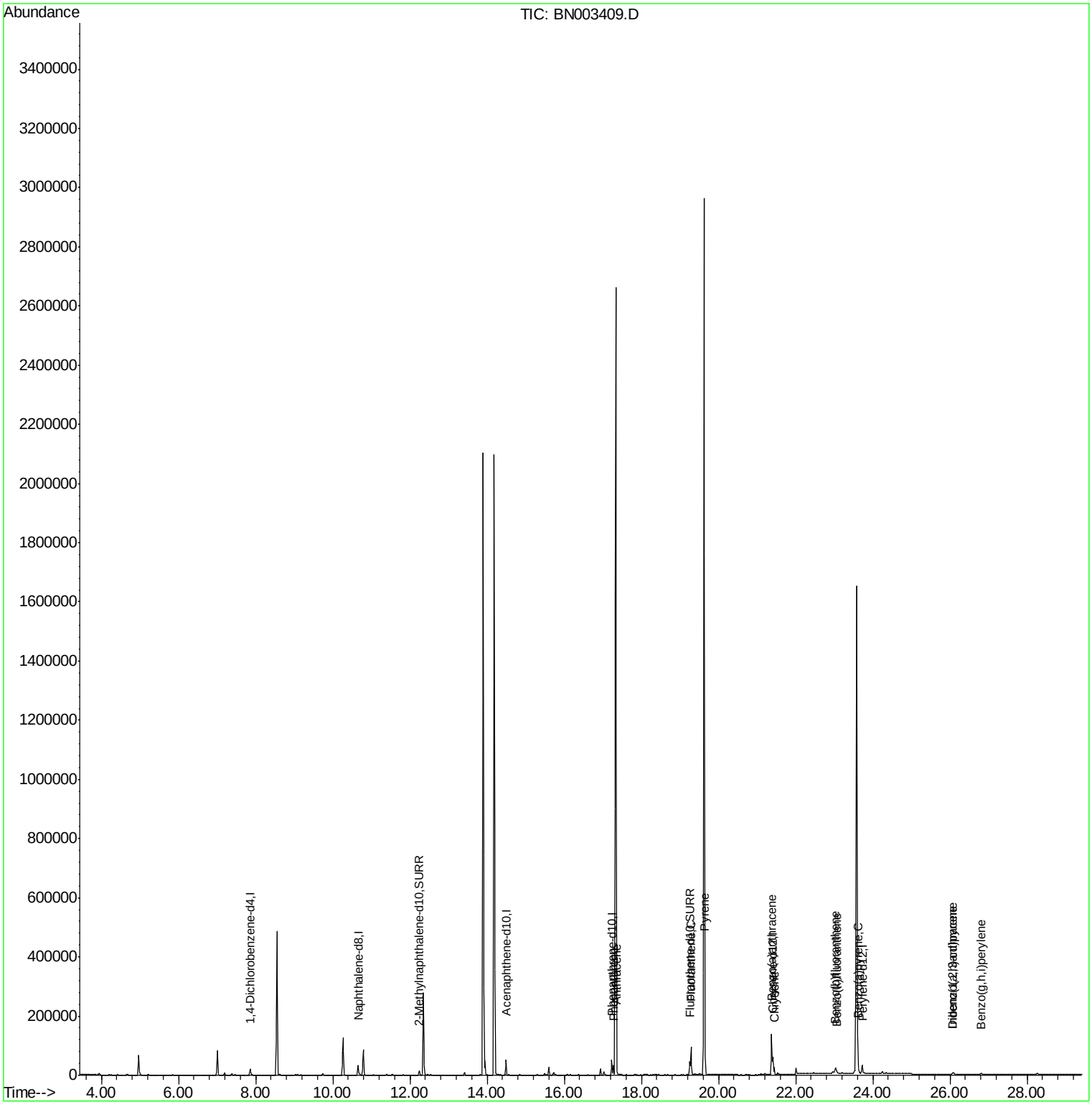
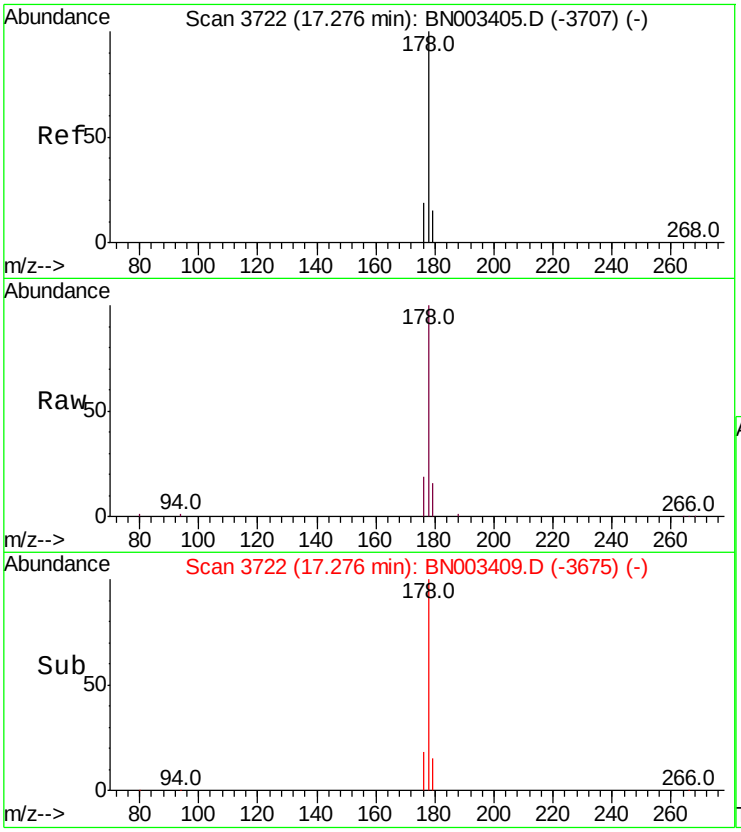
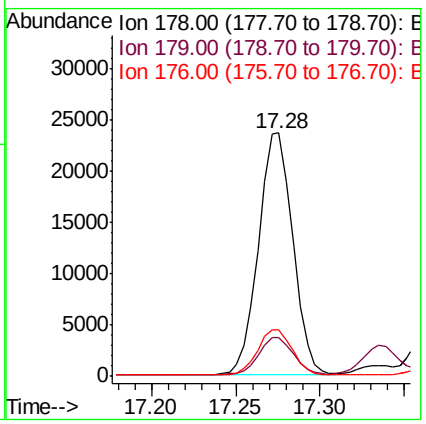




#12
Phenanthrene
Concen: 0.172 ng/ul
RT: 17.28 min Scan# 3722
Delta R.T. -0.00 min
Lab File: BN003409.D
Acq: 02 Nov 2018 18:40

Tgt Ion:178 Resp: 33346

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.4	18.6
176	19.3	15.0	22.4



Instrument :
BNA_N
ClientSampleId :
A40J9

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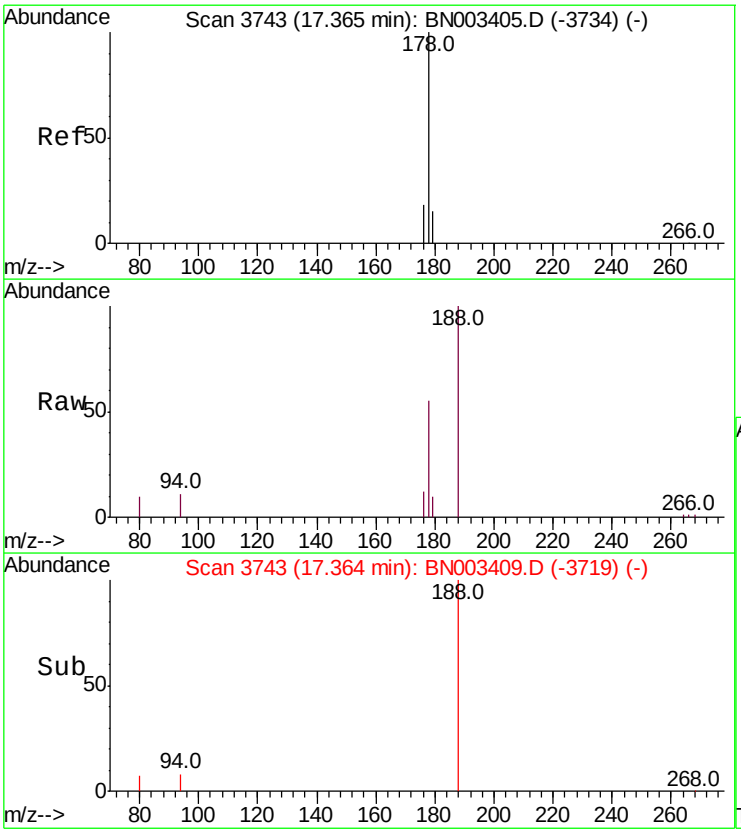
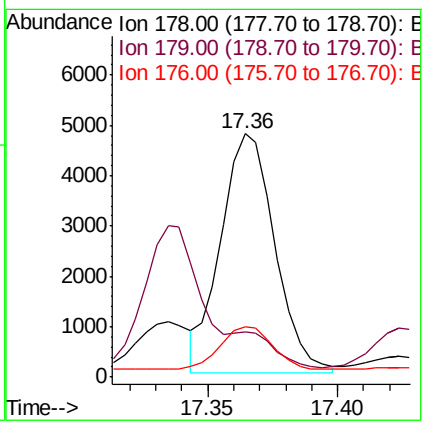
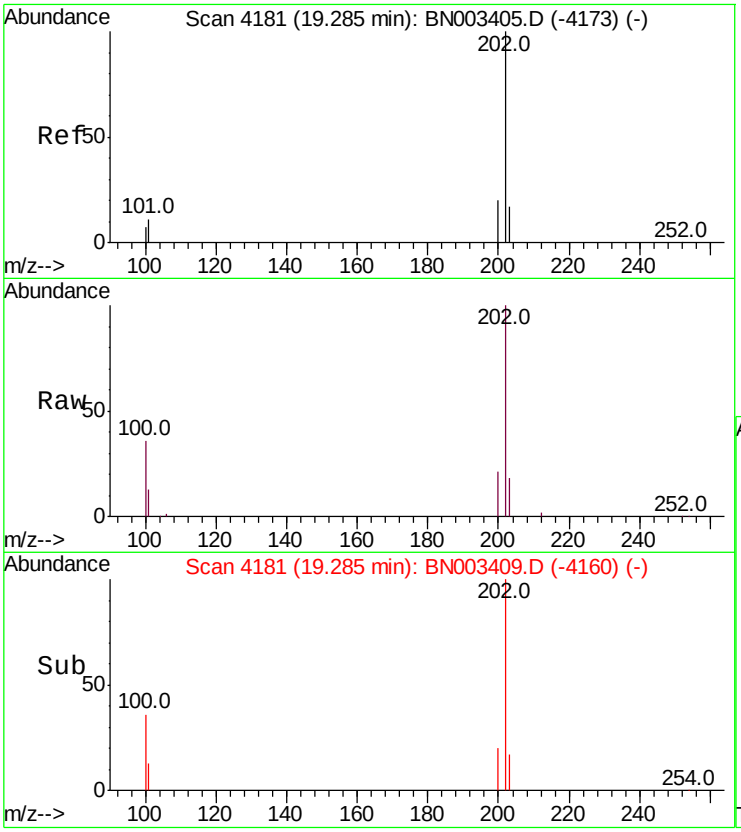


#13
Anthracene
Concen: 0.044 ng/ul m
RT: 17.36 min Scan# 3743
Delta R.T. -0.00 min
Lab File: BN003409.D
Acq: 02 Nov 2018 18:40

Tgt Ion:178 Resp: 6888

Ion	Ratio	Lower	Upper
178	100		
179	18.7	12.2	18.2#
176	20.8	14.7	22.1

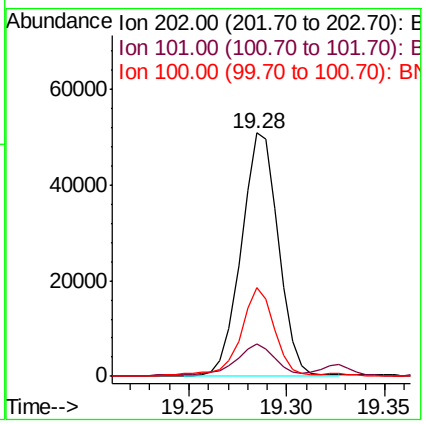




#15
Fluoranthene
Concen: 0.307 ng/ul m
RT: 19.28 min Scan# 4181
Delta R.T. -0.00 min
Lab File: BN003409.D
Acq: 02 Nov 2018 18:40

Tgt Ion:202 Resp: 66935

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	30.7
100	36.3	0.0	28.0#



Instrument :
BNA_N
ClientSampleId :
A40J9

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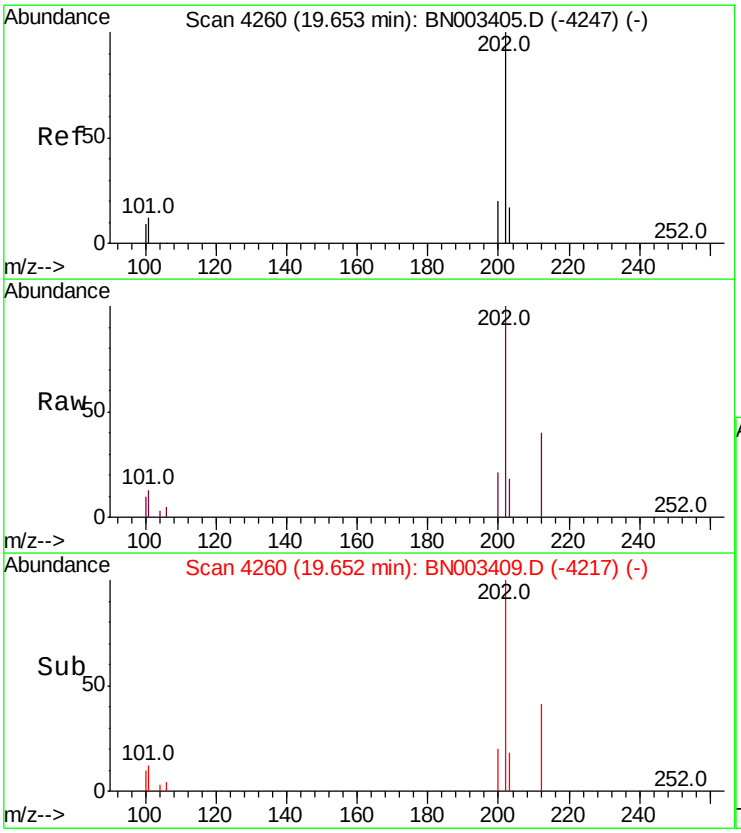
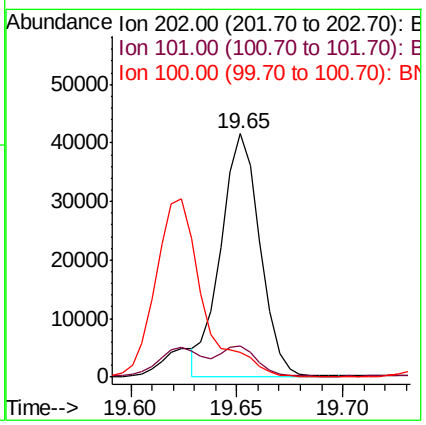
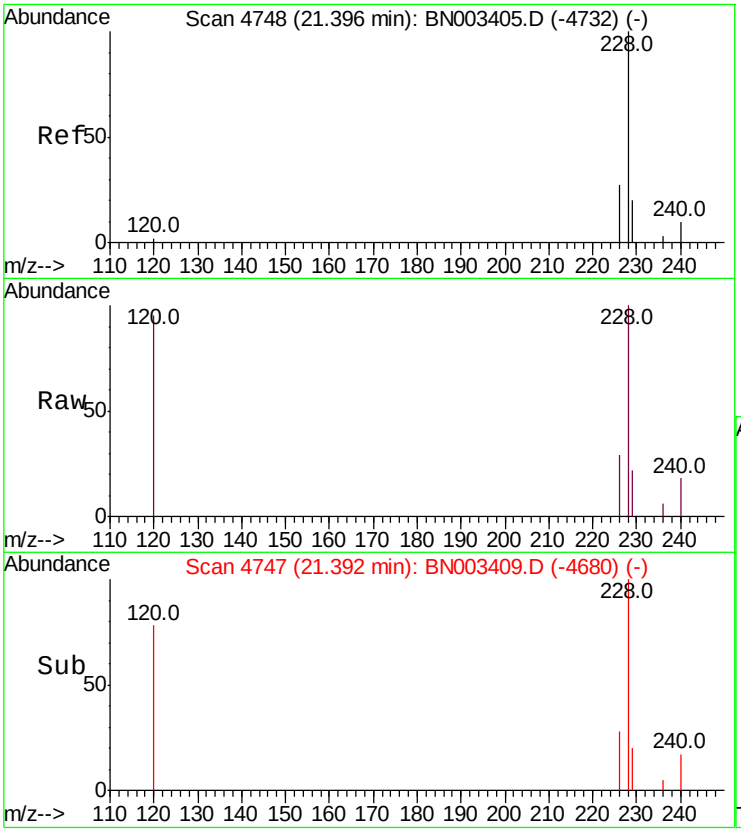


#17
Pyrene
Concen: 0.322 ng/ul m
RT: 19.65 min Scan# 4260
Delta R.T. -0.00 min
Lab File: BN003409.D
Acq: 02 Nov 2018 18:40

Tgt Ion:202 Resp: 53337

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.5	14.3
100	10.2	7.5	11.3

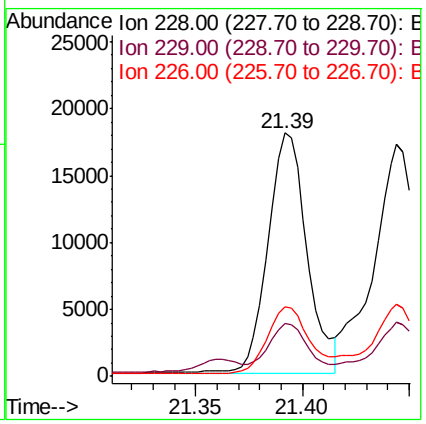




#18
Benzo(a)anthracene
Concen: 0.160 ng/ul m
RT: 21.39 min Scan# 4747
Delta R.T. -0.00 min
Lab File: BN003409.D
Acq: 02 Nov 2018 18:40

Tgt Ion:228 Resp: 22854

Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.5	23.3
226	28.6	21.5	32.3



Instrument :
BNA_N
ClientSampleId :
A40J9

Manual Integrations APPROVED
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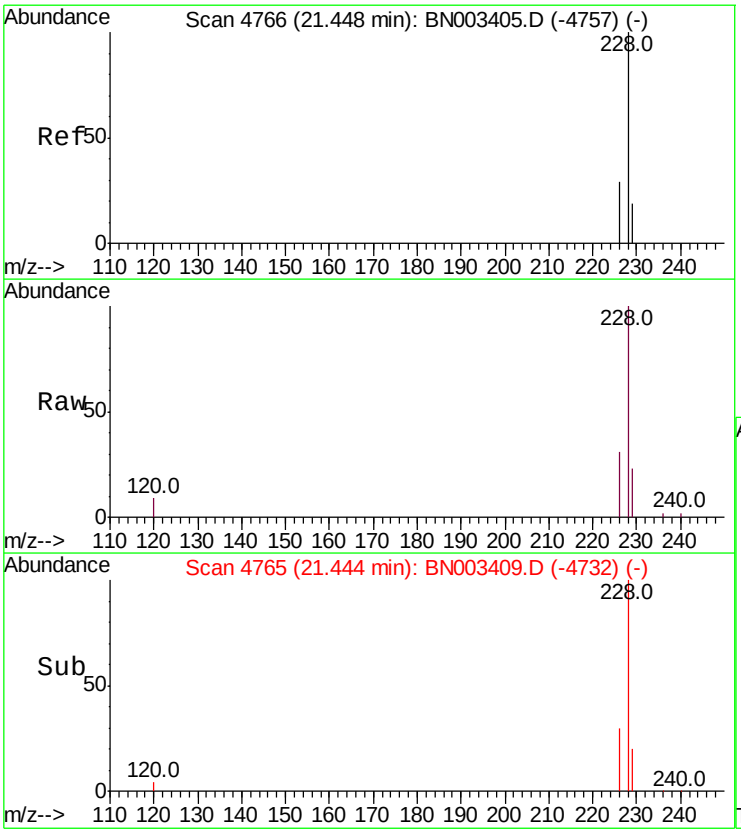
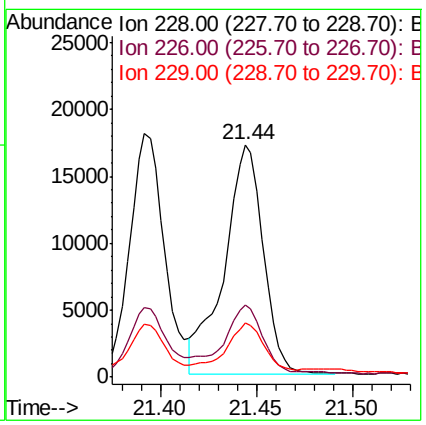
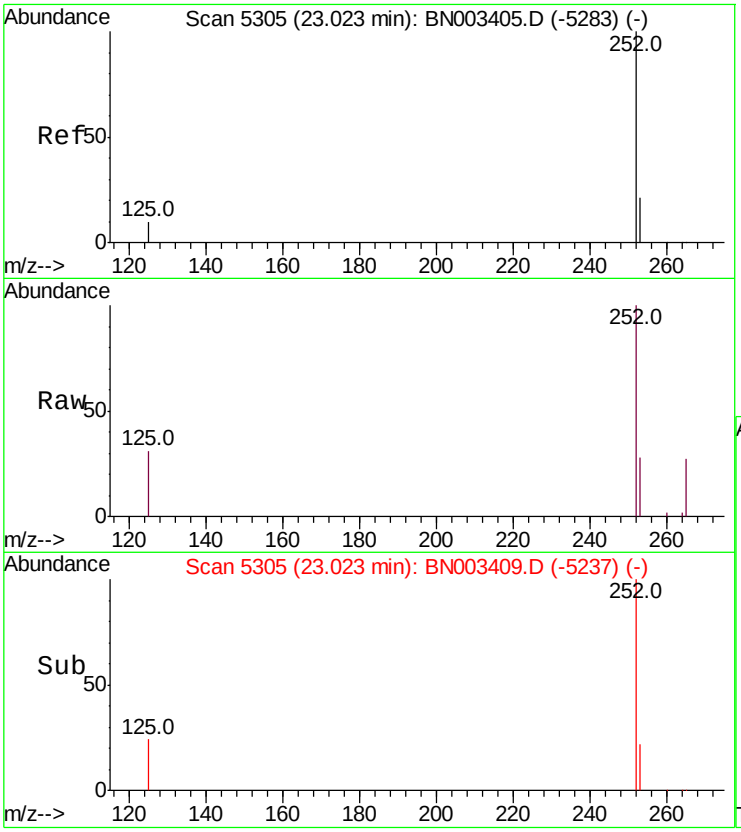


#19
Chrysene
Concen: 0.151 ng/ul m
RT: 21.44 min Scan# 4765
Delta R.T. -0.00 min
Lab File: BN003409.D
Acq: 02 Nov 2018 18:40

Tgt Ion:228 Resp: 24479

Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.8	35.6
229	23.3	15.5	23.3

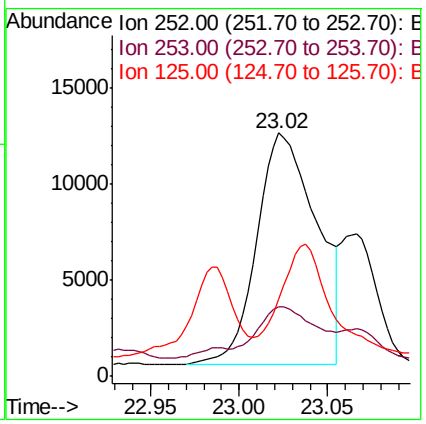




#21
Benzo(b)fluoranthene
Concen: 0.182 ng/ul m
RT: 23.02 min Scan# 5305
Delta R.T. -0.00 min
Lab File: BN003409.D
Acq: 02 Nov 2018 18:40

Tgt Ion:252 Resp: 28238

Ion	Ratio	Lower	Upper
252	100		
253	28.5	0.0	45.6
125	31.5	0.0	21.8#



Instrument :
BNA_N
ClientSampleId :
A40J9

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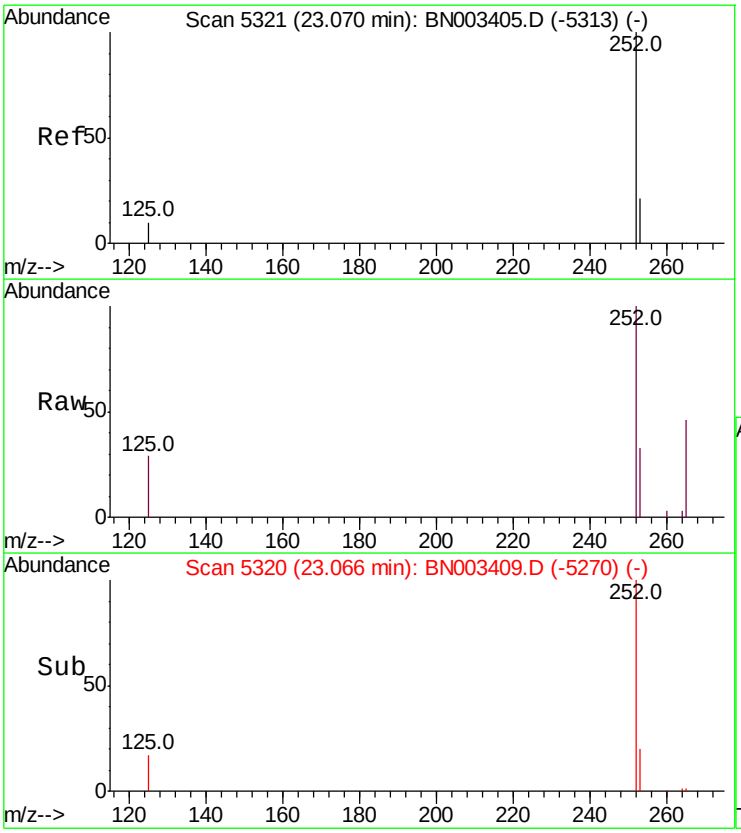
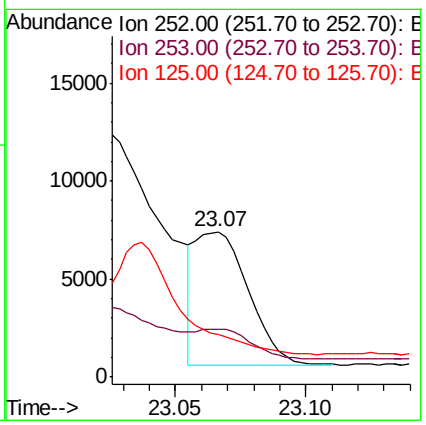
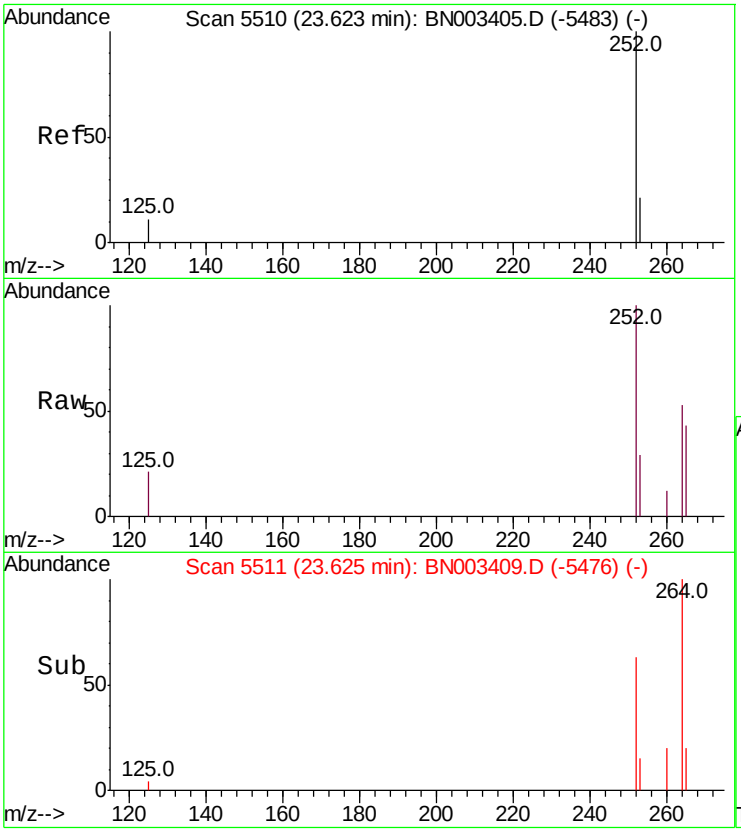


#22
Benzo(k)fluoranthene
Concen: 0.064 ng/ul m
RT: 23.07 min Scan# 5320
Delta R.T. -0.00 min
Lab File: BN003409.D
Acq: 02 Nov 2018 18:40

Tgt Ion:252 Resp: 9635

Ion	Ratio	Lower	Upper
252	100		
253	33.2	18.2	27.4#
125	29.2	8.6	13.0#





#23
Benzo(a)pyrene
Concen: 0.135 ng/ul m
RT: 23.62 min Scan# 5511
Delta R.T. 0.00 min
Lab File: BN003409.D
Acq: 02 Nov 2018 18:40

Tgt Ion:252 Resp: 17544

Ion	Ratio	Lower	Upper
252	100		
253	29.4	18.5	27.7#
125	20.5	9.9	14.9#

Instrument :
BNA_N
ClientSampleId :
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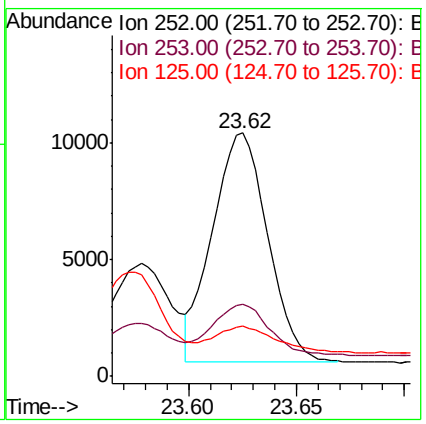
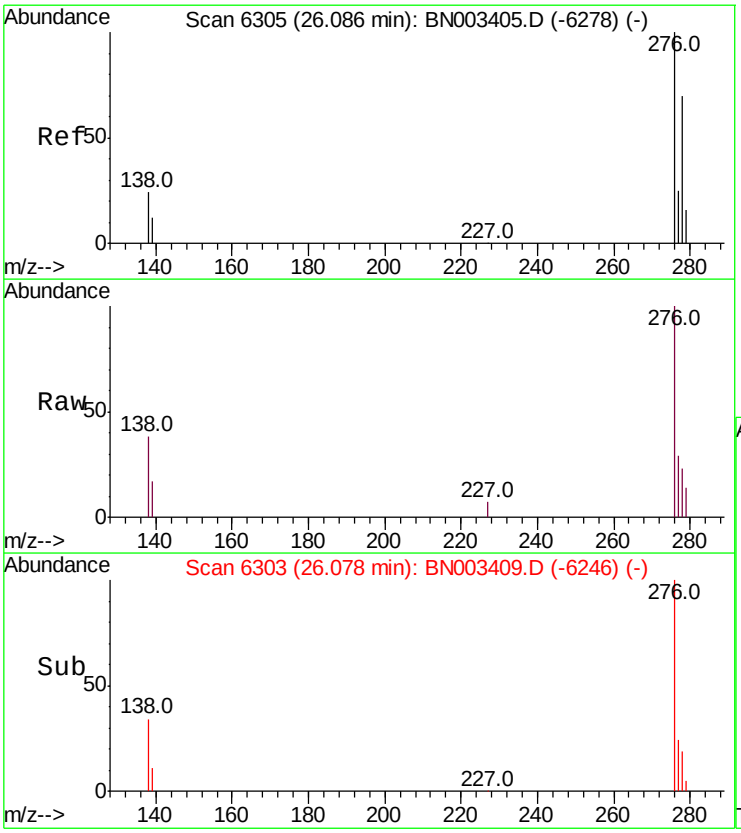
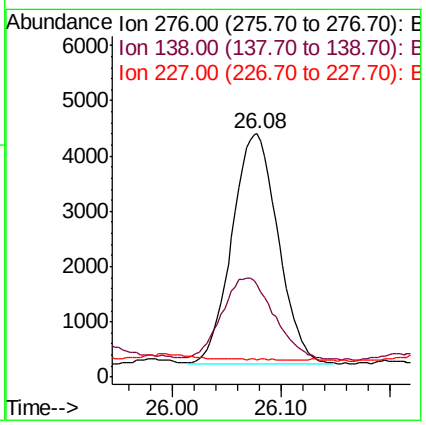


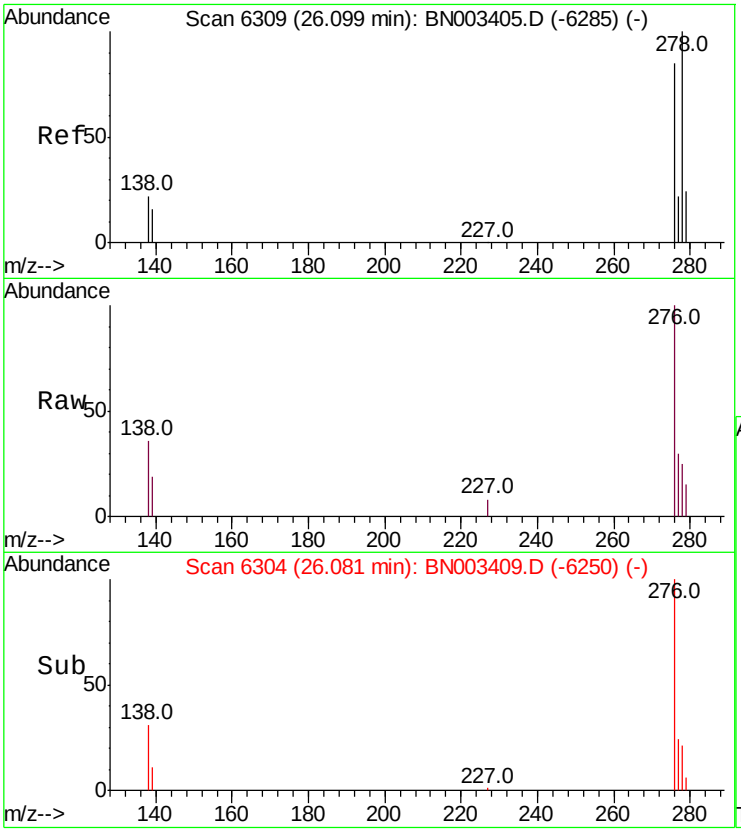


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.088 ng/ul m
RT: 26.08 min Scan# 6303
Delta R.T. -0.01 min
Lab File: BN003409.D
Acq: 02 Nov 2018 18:40

Tgt Ion:276 Resp: 12237

Ion	Ratio	Lower	Upper
276	100		
138	2.2	19.8	29.8#
227	0.0	0.2	0.2#





#25
Dibenzo(a,h)anthracene
Concen: 0.029 ng/ul m
RT: 26.08 min Scan# 6304
Delta R.T. -0.02 min
Lab File: BN003409.D
Acq: 02 Nov 2018 18:40

Tgt Ion:278 Resp: 3239

Ion	Ratio	Lower	Upper
278	100		
139	76.3	13.1	19.7#
279	59.3	19.5	29.3#

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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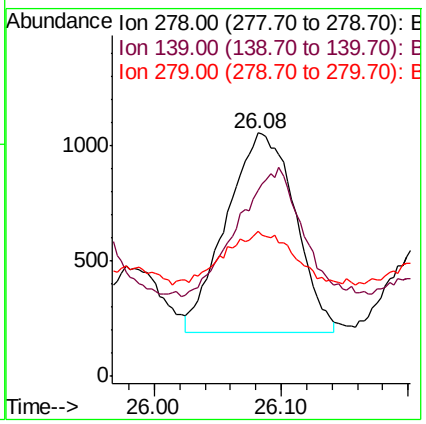
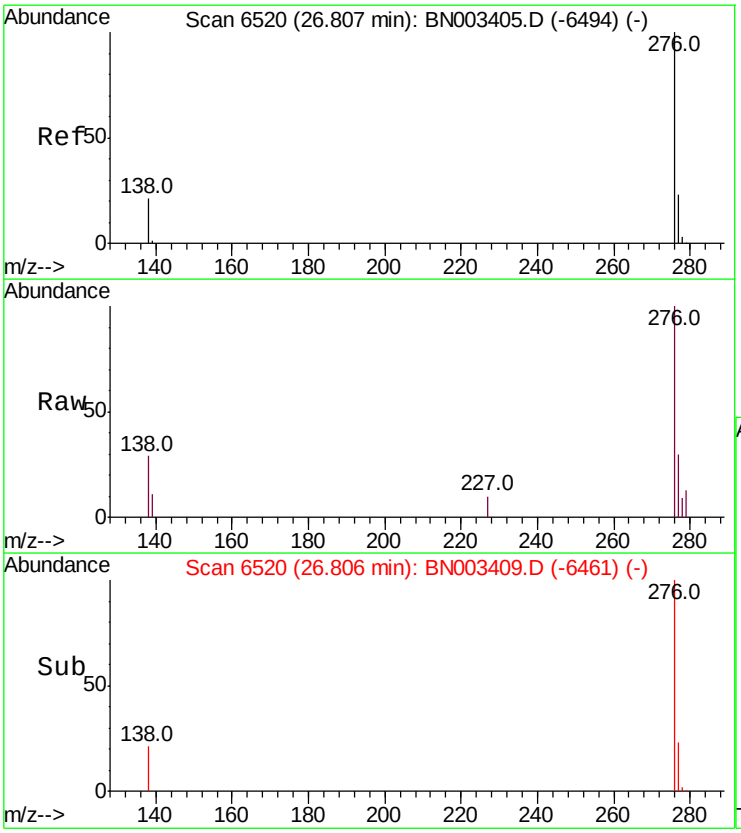
11/5/2018 4:09:14 PM





#26
Benzo(g,h,i)perylene
Concen: 0.077 ng/ul m
RT: 26.81 min Scan# 6520
Delta R.T. -0.00 min
Lab File: BN003409.D
Acq: 02 Nov 2018 18:40

Tgt Ion:276 Resp: 9140

Ion	Ratio	Lower	Upper
276	100		
138	28.8	17.0	25.6#
277	30.4	19.2	28.8#