Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110218\
Data File : BN003414.D
Acq On : 02 Nov 2018 21:37
Operator : MJ/SJ
Sample : J5701-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40F0

Manual Integrations APPROVED
Sohil
11/5/2018 4:09:23 PM

Quant Time: Nov 11 01:05:36 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	10222	0.40	ng/ul	0.00
2) Naphthalene-d8	10.65	136	42883	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	25593	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.23	188	58136m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	51185m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	39324m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.24	152	14634	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.25	212	35747m	0.22	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.21	152	2749	0.025	ng/ul#	88
12) Phenanthrene	17.27	178	10750	0.056	ng/ul	93
13) Anthracene	17.36	178	4699m	0.030	ng/ul	
15) Fluoranthene	19.29	202	42255m	0.197	ng/ul	
17) Pyrene	19.65	202	42996m	0.231	ng/ul	
18) Benzo(a)anthracene	21.39	228	17240m	0.107	ng/ul	
19) Chrysene	21.45	228	24865m	0.136	ng/ul	
21) Benzo(b)fluoranthene	23.02	252	33524m	0.198	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	11593m	0.071	ng/ul	
23) Benzo(a)pyrene	23.62	252	15244m	0.108	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.08	276	10513m	0.069	ng/ul	
26) Benzo(g,h,i)perylene	26.80	276	9779m	0.075	ng/ul	

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

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Instrument :
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ClientSampleId :
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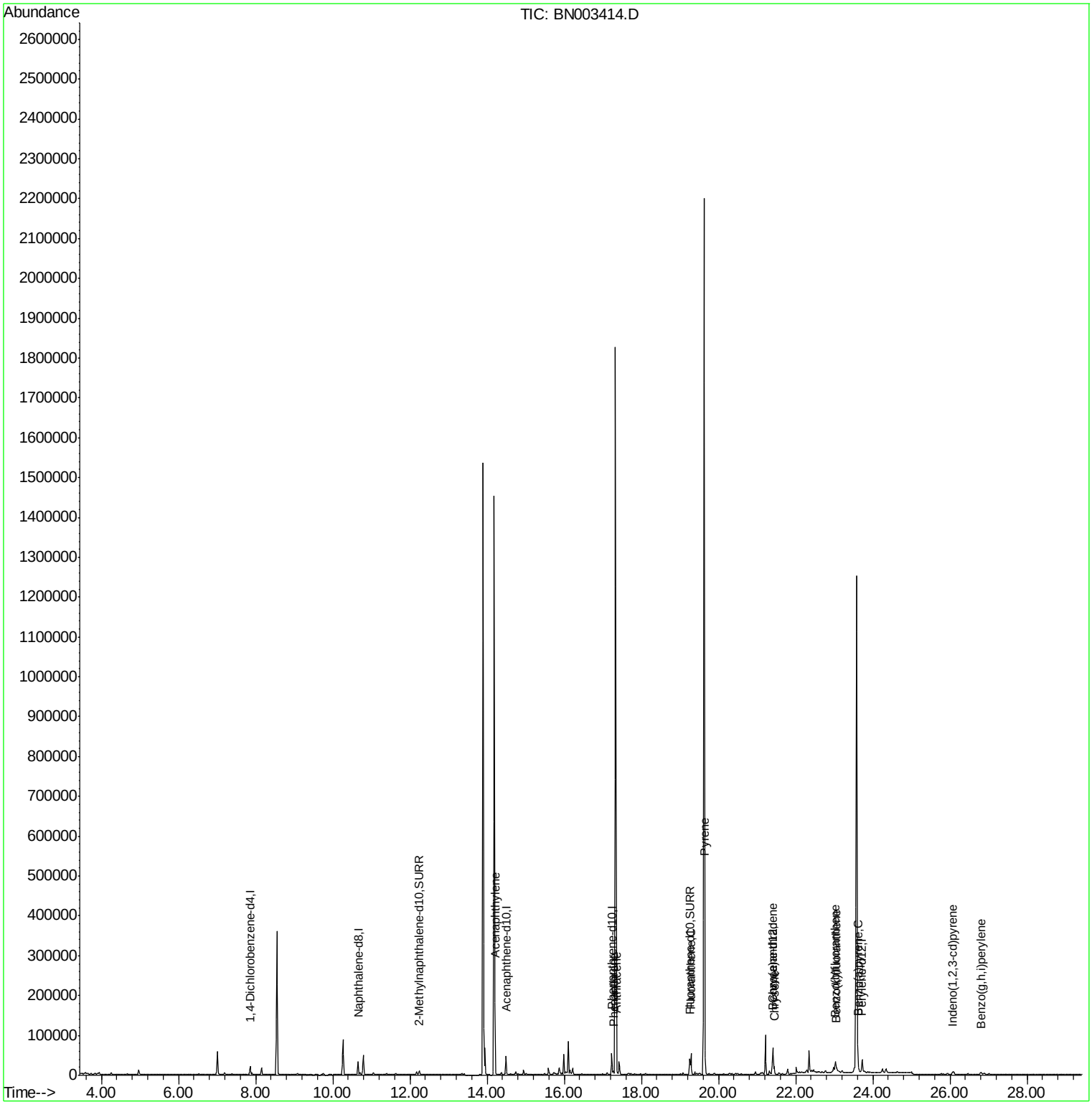

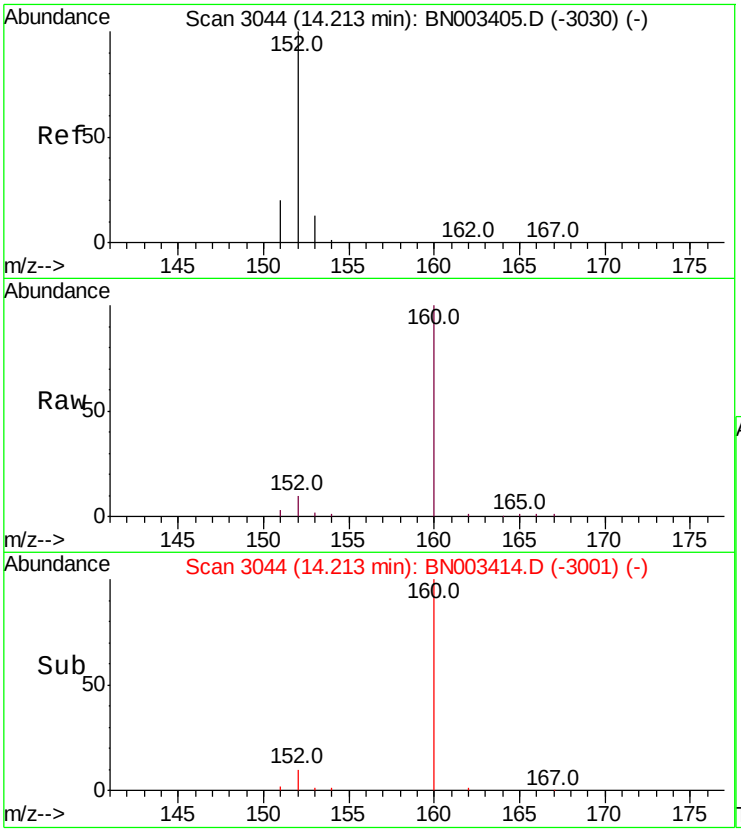

#7
Acenaphthylene
Concen: 0.025 ng/ul
RT: 14.21 min Scan# 3044
Delta R.T. -0.00 min
Lab File: BN003414.D
Acq: 02 Nov 2018 21:37

Tgt Ion:152 Resp: 2749

Ion	Ratio	Lower	Upper
152	100		
151	25.0	15.6	23.4#
153	17.4	10.4	15.6#

Instrument :
BNA_N
ClientSampleId :
A40F0

Manual Integrations APPROVED
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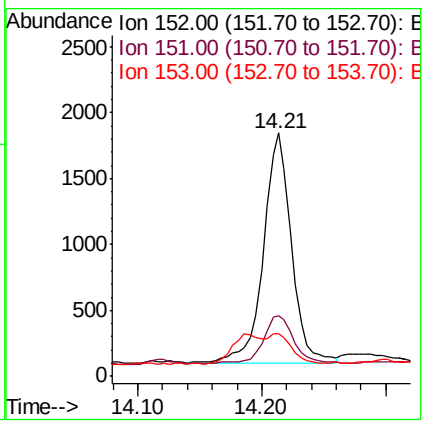
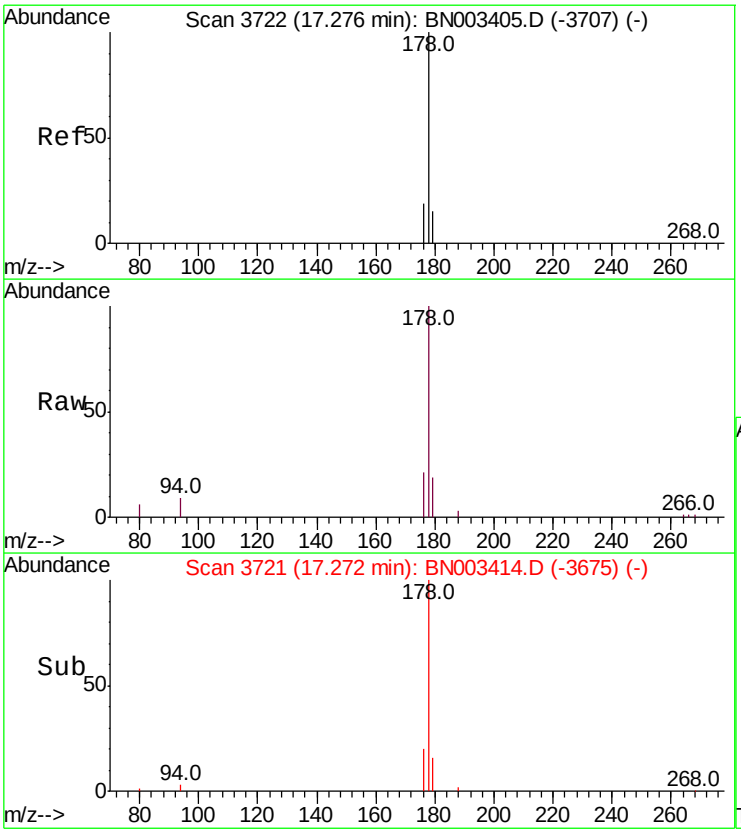
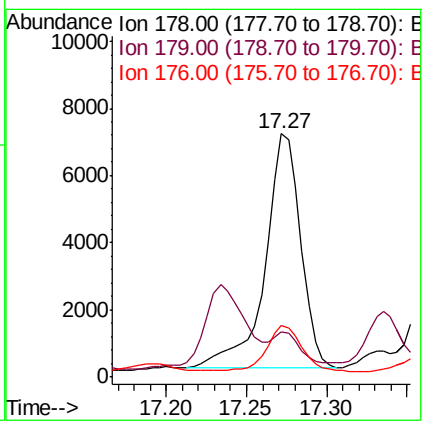


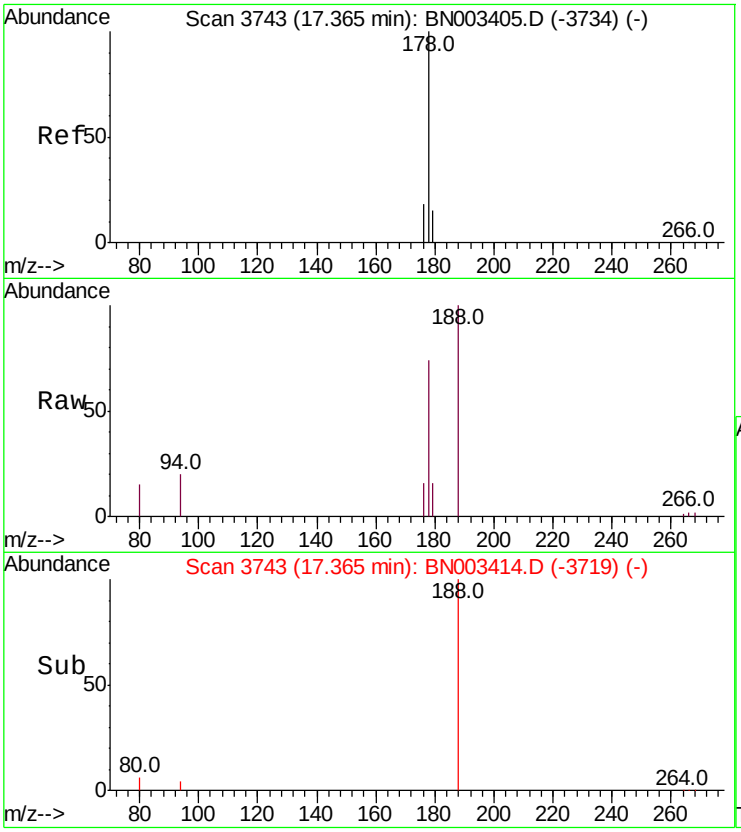


#12
Phenanthrene
Concen: 0.056 ng/ul
RT: 17.27 min Scan# 3721
Delta R.T. -0.00 min
Lab File: BN003414.D
Acq: 02 Nov 2018 21:37

Tgt Ion:178 Resp: 10750

Ion	Ratio	Lower	Upper
178	100		
179	18.6	12.4	18.6
176	21.4	15.0	22.4





#13
Anthracene
Concen: 0.030 ng/ul m
RT: 17.36 min Scan# 3743
Delta R.T. 0.00 min
Lab File: BN003414.D
Acq: 02 Nov 2018 21:37

Tgt Ion:178 Resp: 4699

Ion	Ratio	Lower	Upper
178	100		
179	21.9	12.2	18.2#
176	22.2	14.7	22.1#

Instrument :
BNA_N
ClientSampleId :
A40F0

Manual Integrations APPROVED
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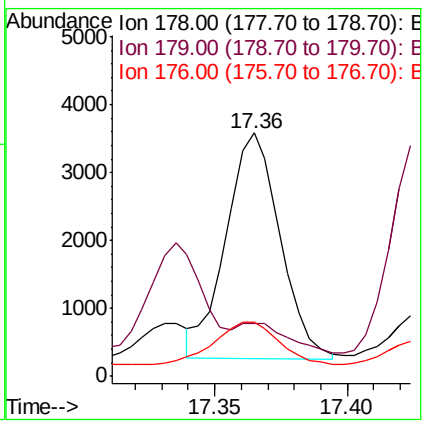
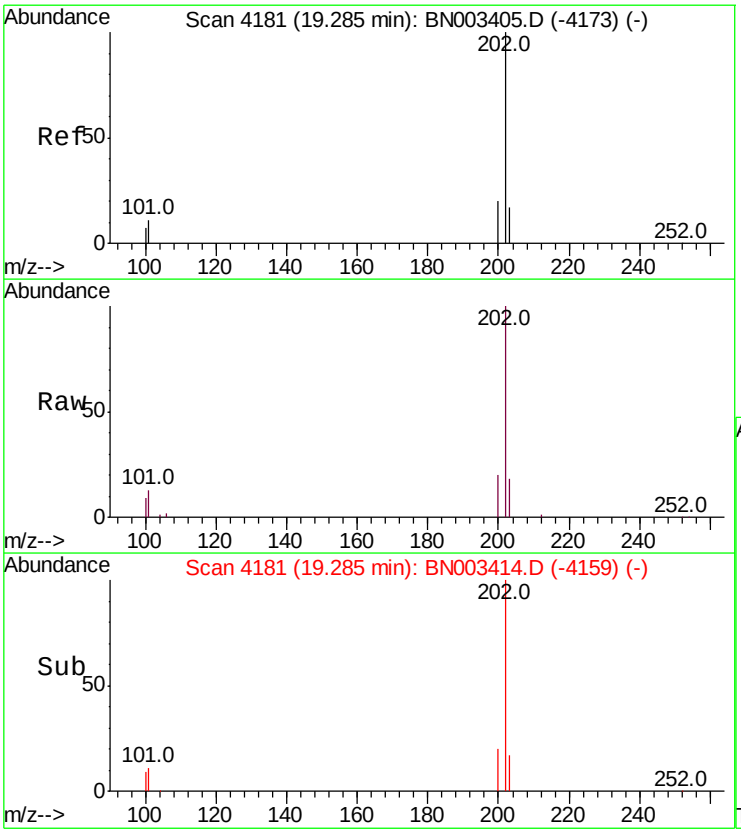
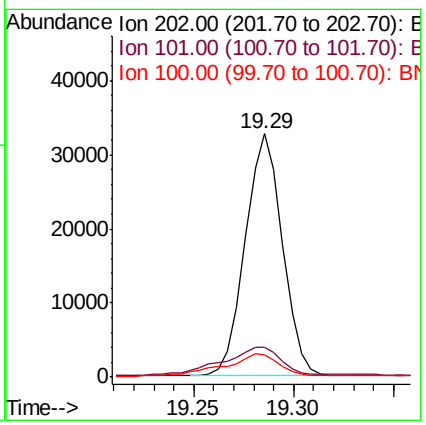


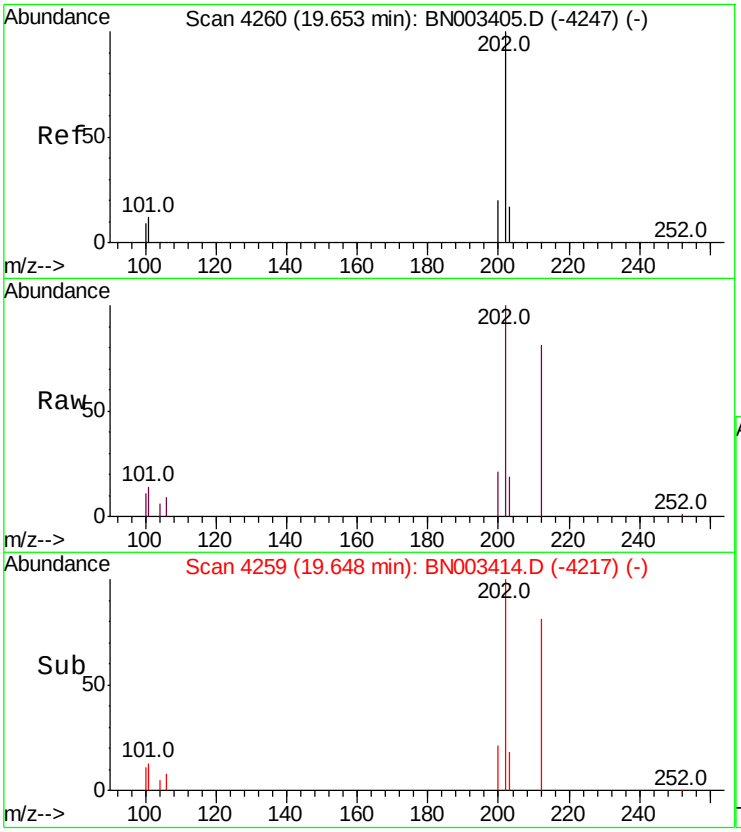


#15
Fluoranthene
Concen: 0.197 ng/ul m
RT: 19.29 min Scan# 4181
Delta R.T. 0.00 min
Lab File: BN003414.D
Acq: 02 Nov 2018 21:37

Tgt Ion:202 Resp: 42255

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	30.7
100	9.2	0.0	28.0





#17
Pyrene
Concen: 0.231 ng/ul m
RT: 19.65 min Scan# 4259
Delta R.T. -0.00 min
Lab File: BN003414.D
Acq: 02 Nov 2018 21:37

Tgt Ion:202 Resp: 42996

Ion	Ratio	Lower	Upper
202	100		
101	14.0	9.5	14.3
100	11.5	7.5	11.3#

Instrument :
BNA_N
ClientSampleId :
A40F0

Manual Integrations APPROVED
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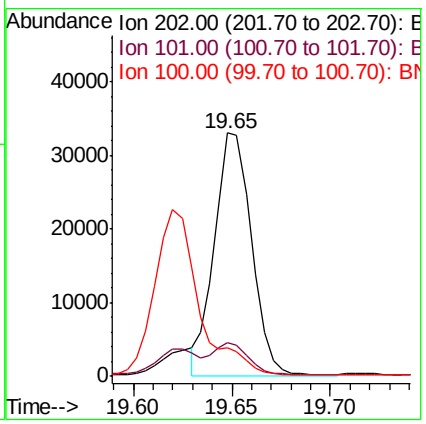
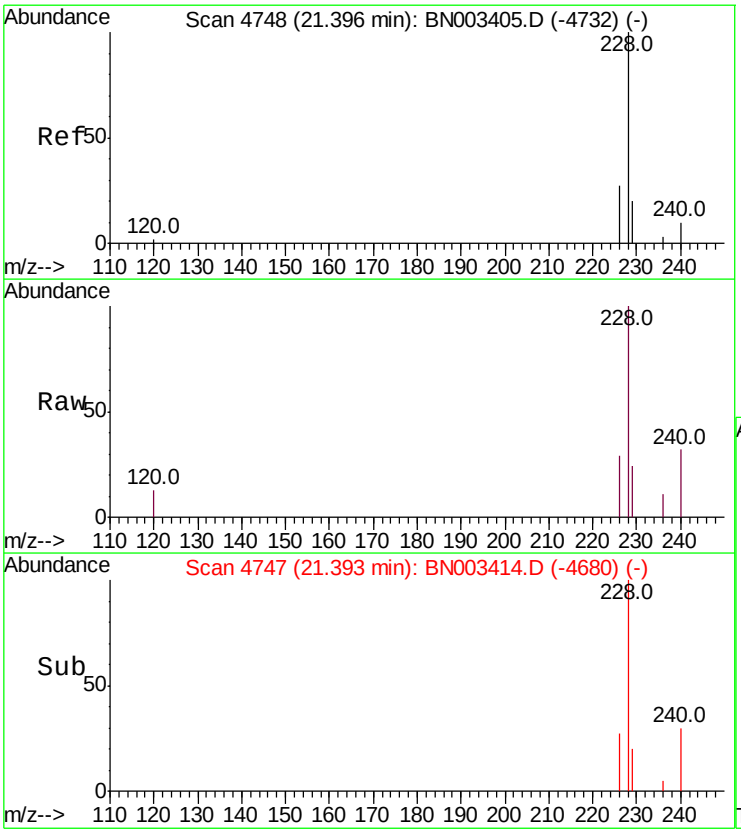
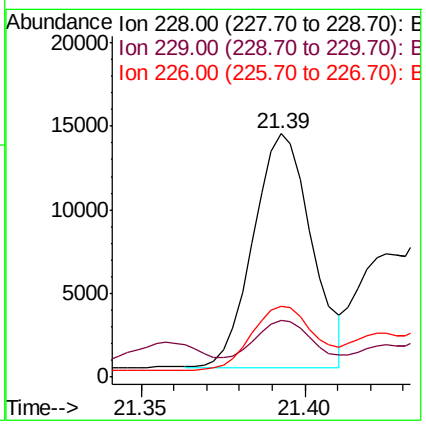


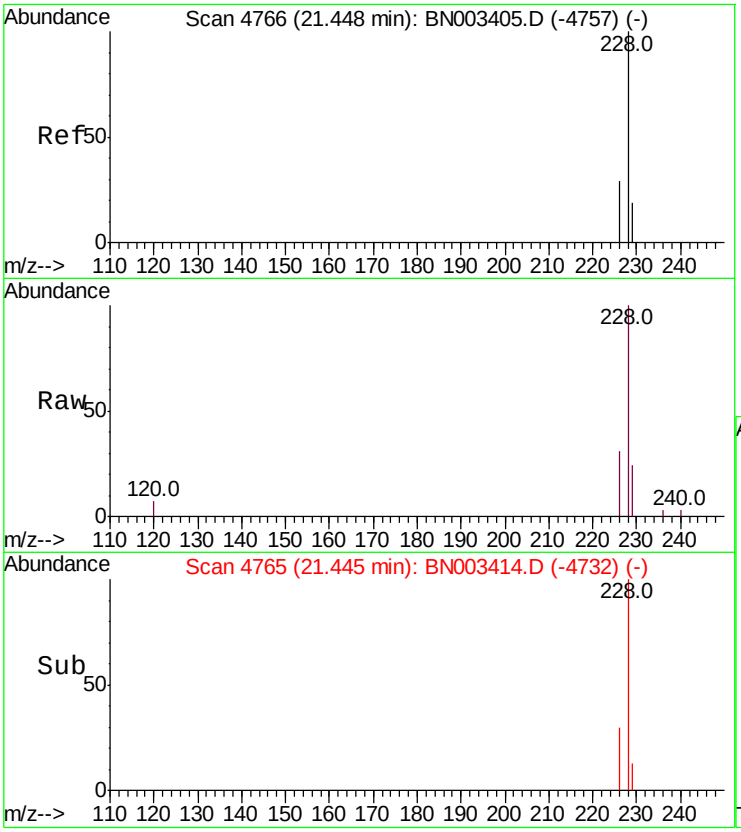


#18
Benzo(a)anthracene
Concen: 0.107 ng/ul m
RT: 21.39 min Scan# 4747
Delta R.T. -0.00 min
Lab File: BN003414.D
Acq: 02 Nov 2018 21:37

Tgt Ion:228 Resp: 17240

Ion	Ratio	Lower	Upper
228	100		
229	23.5	15.5	23.3#
226	29.2	21.5	32.3

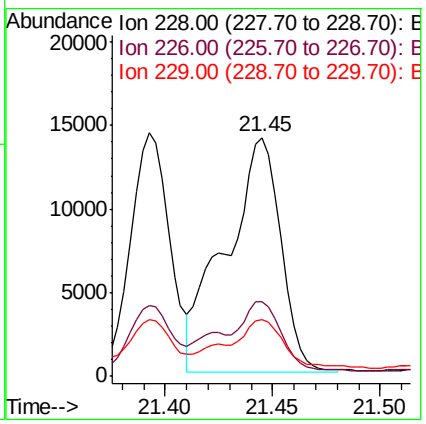




#19
Chrysene
Concen: 0.136 ng/ul m
RT: 21.45 min Scan# 4765
Delta R.T. -0.00 min
Lab File: BN003414.D
Acq: 02 Nov 2018 21:37

Tgt Ion:228 Resp: 24865

Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.8	35.6
229	23.9	15.5	23.3#



Instrument :
BNA_N
ClientSampleId :
A40F0

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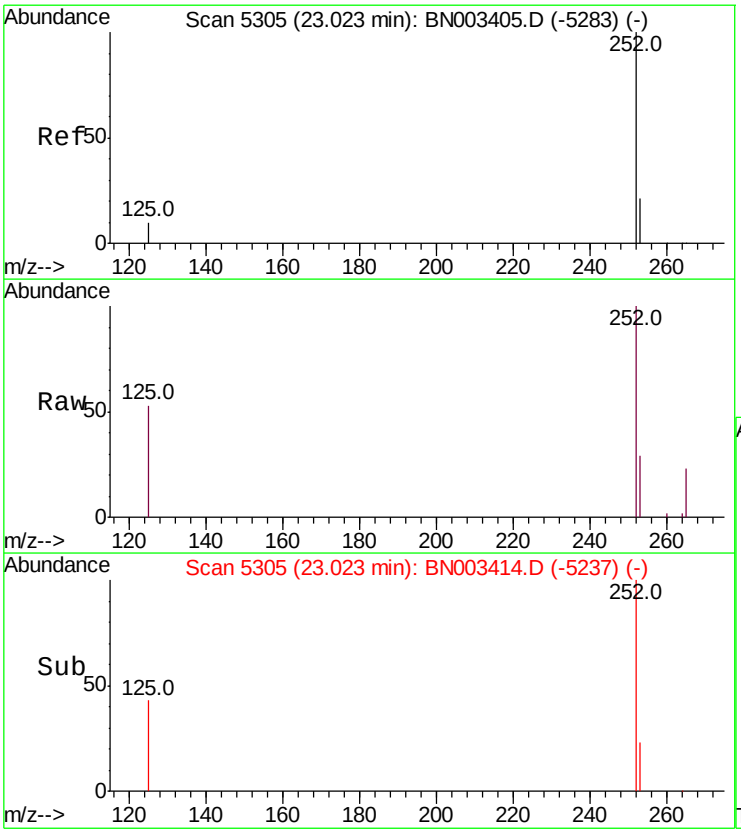
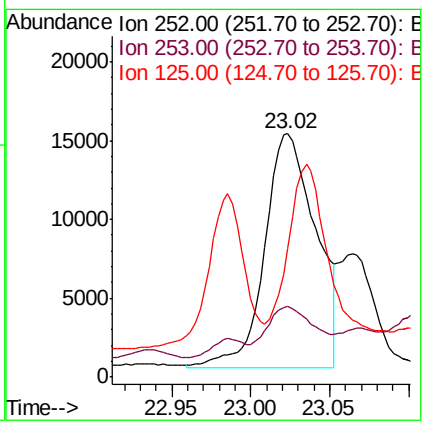
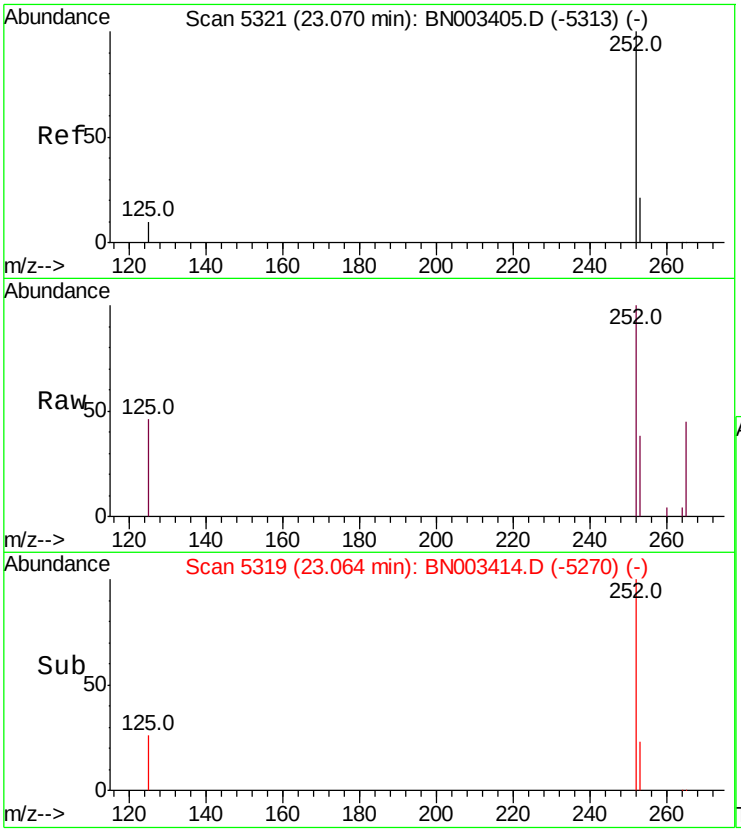


#21
Benzo(b)fluoranthene
Concen: 0.198 ng/ul m
RT: 23.02 min Scan# 5305
Delta R.T. 0.00 min
Lab File: BN003414.D
Acq: 02 Nov 2018 21:37

Tgt Ion:252 Resp: 33524

Ion	Ratio	Lower	Upper
252	100		
253	29.2	0.0	45.6
125	53.0	0.0	21.8#





#22
Benzo(k)fluoranthene
Concen: 0.071 ng/ul m
RT: 23.06 min Scan# 5319
Delta R.T. -0.01 min
Lab File: BN003414.D
Acq: 02 Nov 2018 21:37

Tgt Ion:252 Resp: 11593

Ion	Ratio	Lower	Upper
252	100		
253	38.4	18.2	27.4#
125	46.4	8.6	13.0#

Instrument :
BNA_N
ClientSampleId :
A40F0

Manual Integrations APPROVED
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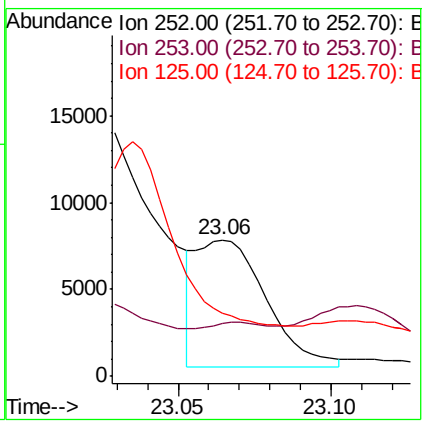
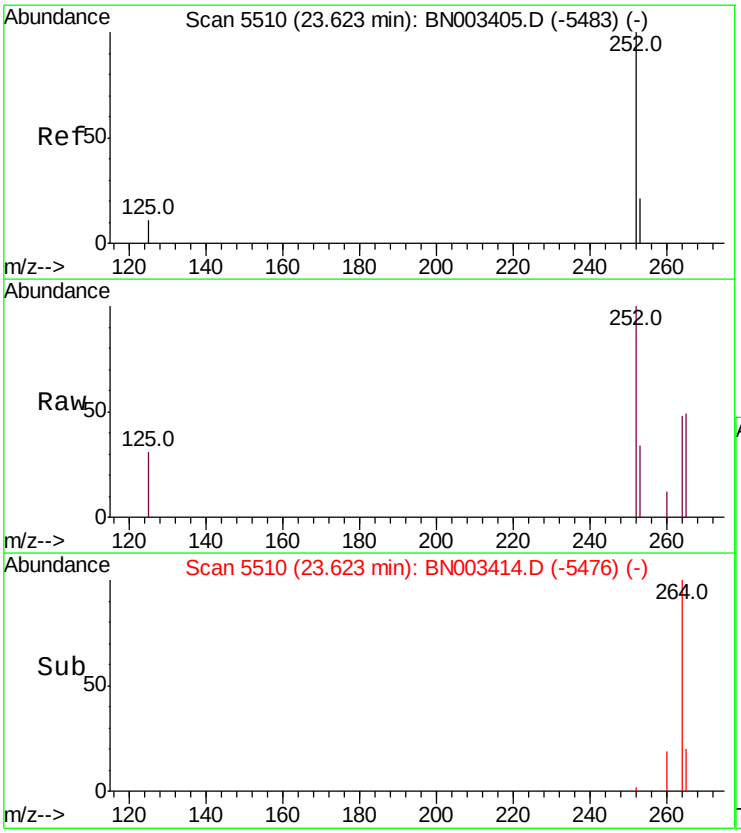
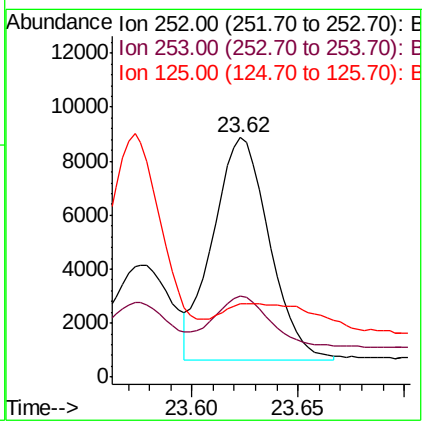


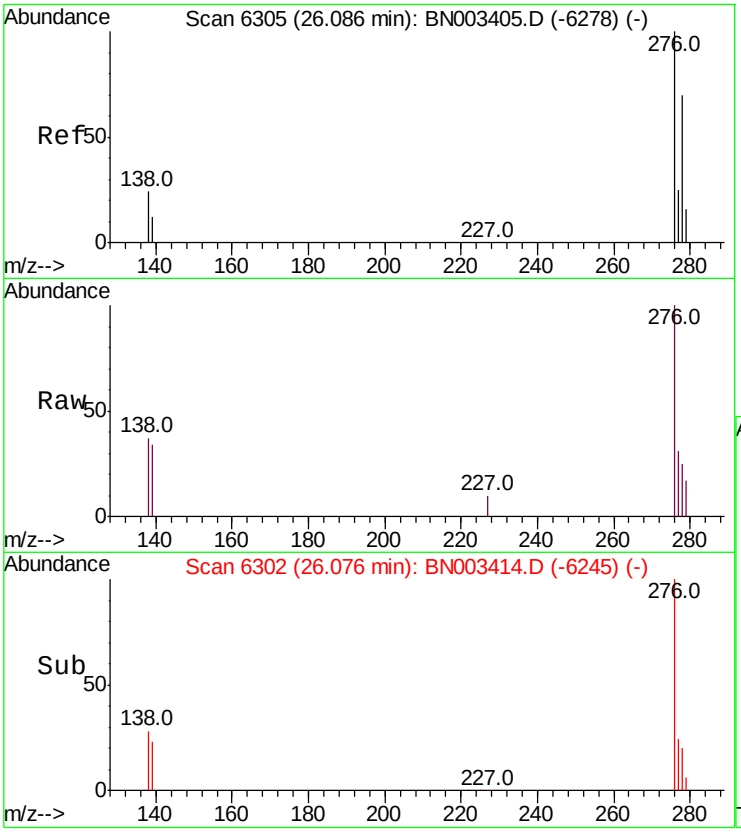


#23
Benzo(a)pyrene
Concen: 0.108 ng/ul m
RT: 23.62 min Scan# 5510
Delta R.T. 0.00 min
Lab File: BN003414.D
Acq: 02 Nov 2018 21:37

Tgt Ion:252 Resp: 15244

Ion	Ratio	Lower	Upper
252	100		
253	33.6	18.5	27.7#
125	30.8	9.9	14.9#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.069 ng/ul m
RT: 26.08 min Scan# 6302
Delta R.T. -0.01 min
Lab File: BN003414.D
Acq: 02 Nov 2018 21:37

Tgt Ion:276 Resp: 10513

Ion	Ratio	Lower	Upper
276	100		
138	0.6	19.8	29.8#
227	0.2	0.2	0.2

Instrument :
BNA_N
ClientSampleId :
A40F0

Manual Integrations APPROVED
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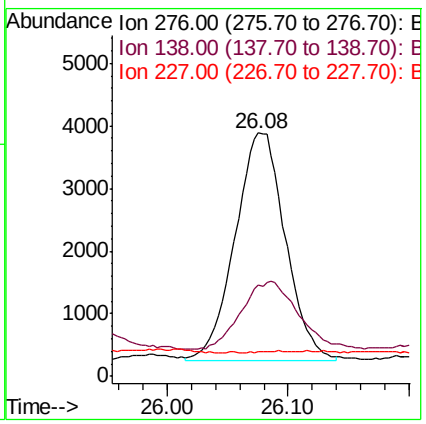
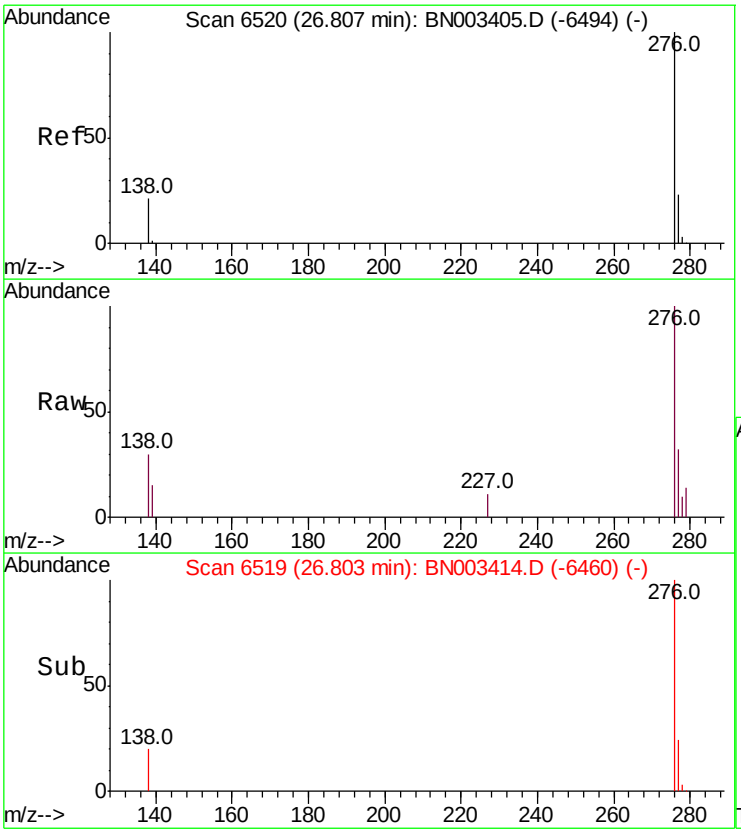
11/5/2018 4:09:23 PM





#26
Benzo(g,h,i)perylene
Concen: 0.075 ng/ul m
RT: 26.80 min Scan# 6519
Delta R.T. -0.00 min
Lab File: BN003414.D
Acq: 02 Nov 2018 21:37

Tgt Ion:276 Resp: 9779

Ion	Ratio	Lower	Upper
276	100		
138	30.4	17.0	25.6#
277	31.9	19.2	28.8#