Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121718\
Data File : BN004056.D
Acq On : 18 Dec 2018 03:13
Operator : JU/SJ
Sample : J6270-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E03

Manual Integrations APPROVED
Sohil
12/18/2018 5:56:48 PM

Quant Time: Dec 18 07:18:24 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 : Tue Dec 18 06:35:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1566	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	7841	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	4930	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	12763m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	14895m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	13089m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	3652	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	12753m	0.34	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.19	152	821	0.037	ng/ul#	73
12) Phenanthrene	17.26	178	969m	0.023	ng/ul	
13) Anthracene	17.35	178	789m	0.023	ng/ul	
15) Fluoranthene	19.28	202	3873m	0.078	ng/ul	
17) Pyrene	19.64	202	3579	0.067	ng/ul#	87
18) Benzo(a)anthracene	21.38	228	2411m	0.051	ng/ul	
19) Chrysene	21.44	228	2925m	0.054	ng/ul	
21) Benzo(b)fluoranthene	23.02	252	4631m	0.086	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	1433m	0.027	ng/ul	
23) Benzo(a)pyrene	23.62	252	1873m	0.040	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.08	276	1907m	0.035	ng/ul	
26) Benzo(g,h,i)perylene	26.82	276	1705m	0.036	ng/ul	

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

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Manual Integrations APPROVED
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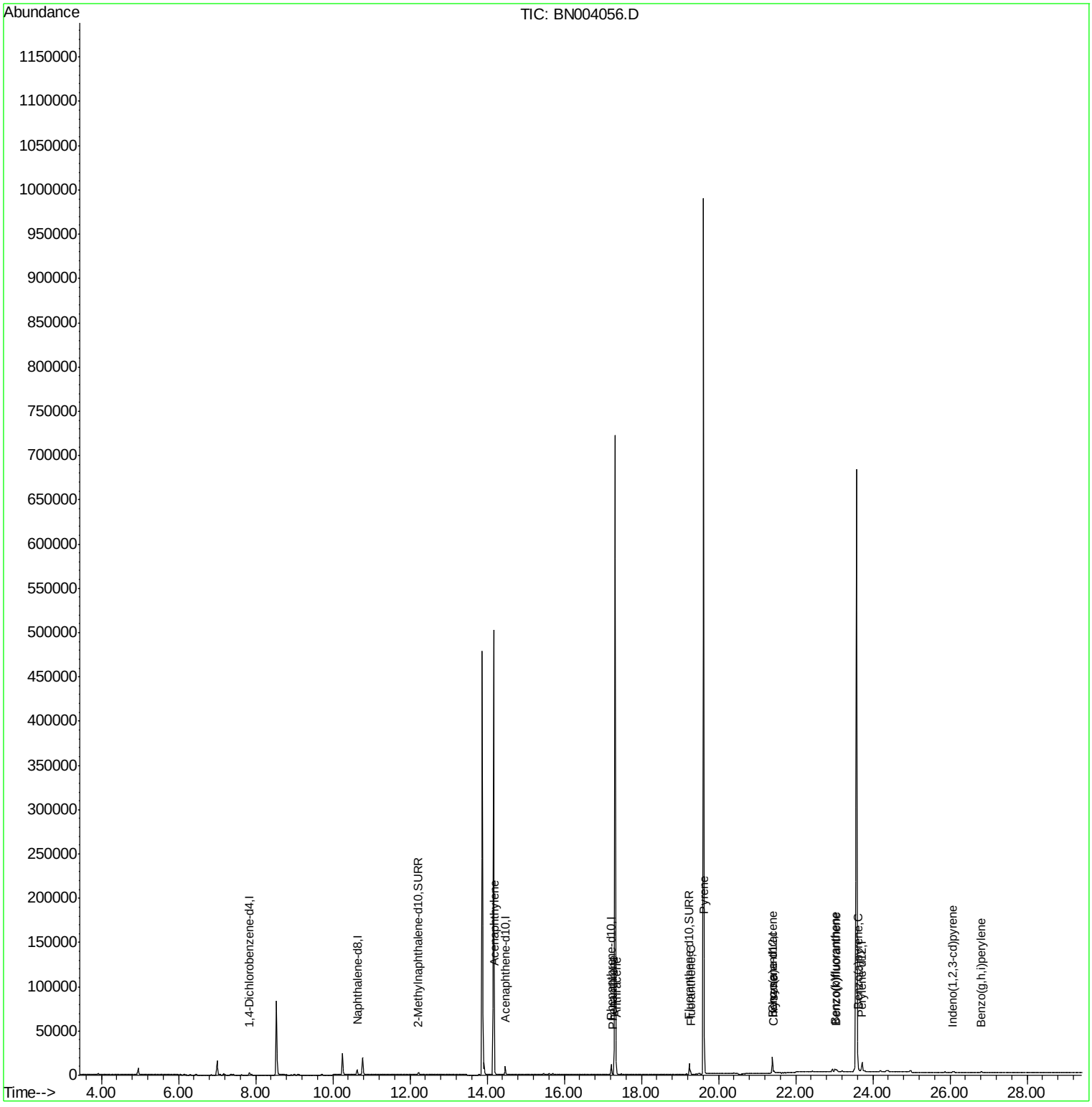
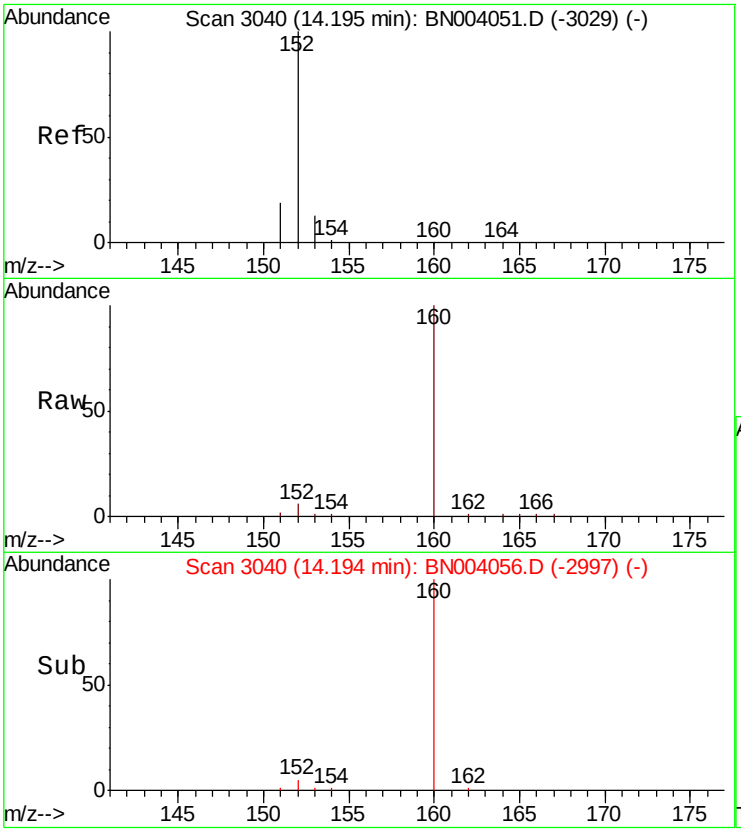
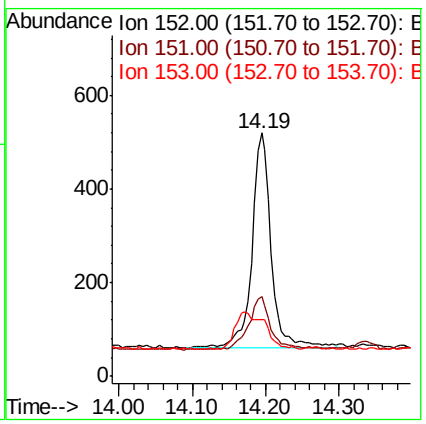




#7
Acenaphthylene
Concen: 0.037 ng/ul
RT: 14.19 min Scan# 3040
Delta R.T. -0.00 min
Lab File: BN004056.D
Acq: 18 Dec 2018 03:13

Tgt Ion:152 Resp: 821

Ion	Ratio	Lower	Upper
152	100		
151	32.9	15.9	23.9#
153	23.5	10.7	16.1#



Instrument :
BNA_N
ClientSampleId :
F9E03

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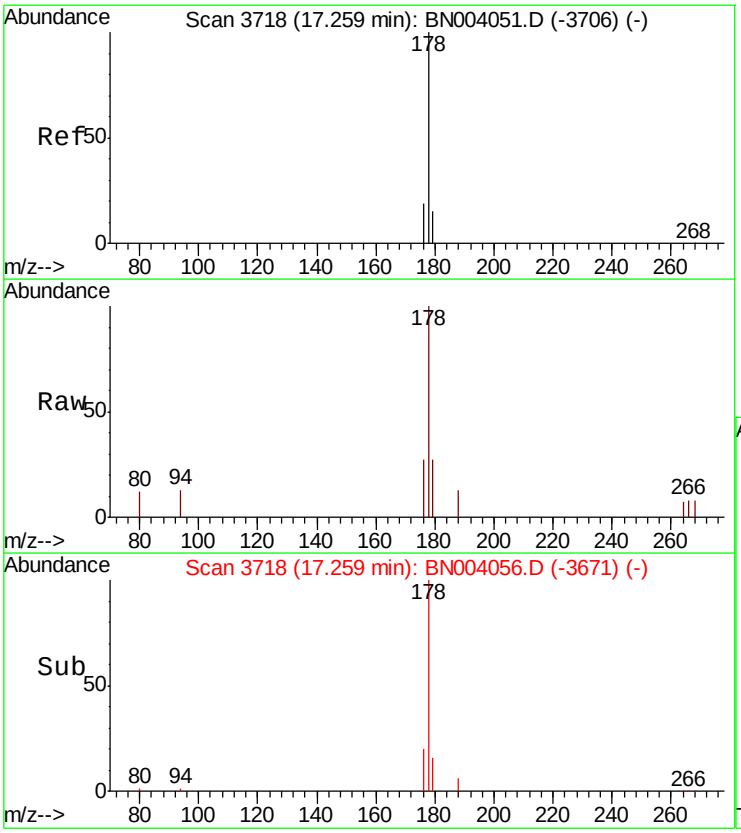
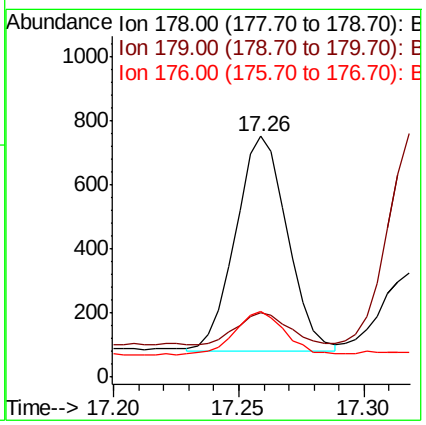
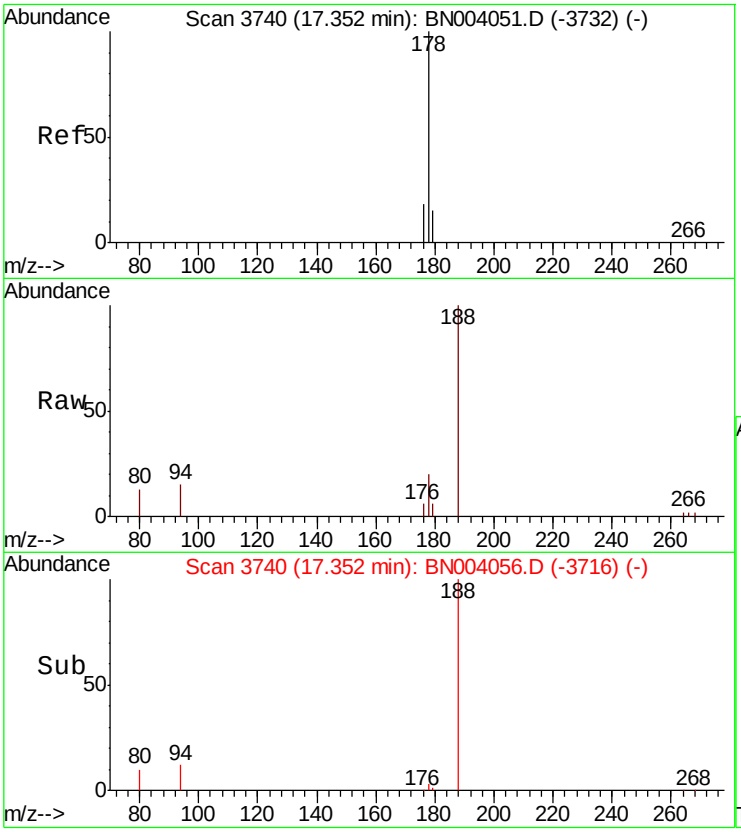


#12
Phenanthrene
Concen: 0.023 ng/ul m
RT: 17.26 min Scan# 3718
Delta R.T. -0.00 min
Lab File: BN004056.D
Acq: 18 Dec 2018 03:13

Tgt Ion:178 Resp: 969

Ion	Ratio	Lower	Upper
178	100		
179	26.6	12.5	18.7#
176	27.1	15.0	22.4#

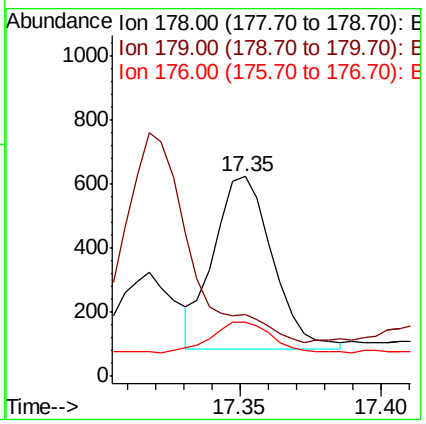




#13
Anthracene
Concen: 0.023 ng/ul m
RT: 17.35 min Scan# 3740
Delta R.T. -0.00 min
Lab File: BN004056.D
Acq: 18 Dec 2018 03:13

Tgt Ion:178 Resp: 789

Ion	Ratio	Lower	Upper
178	100		
179	31.1	12.3	18.5#
176	27.4	14.8	22.2#



Instrument :
BNA_N
ClientSampleId :
F9E03

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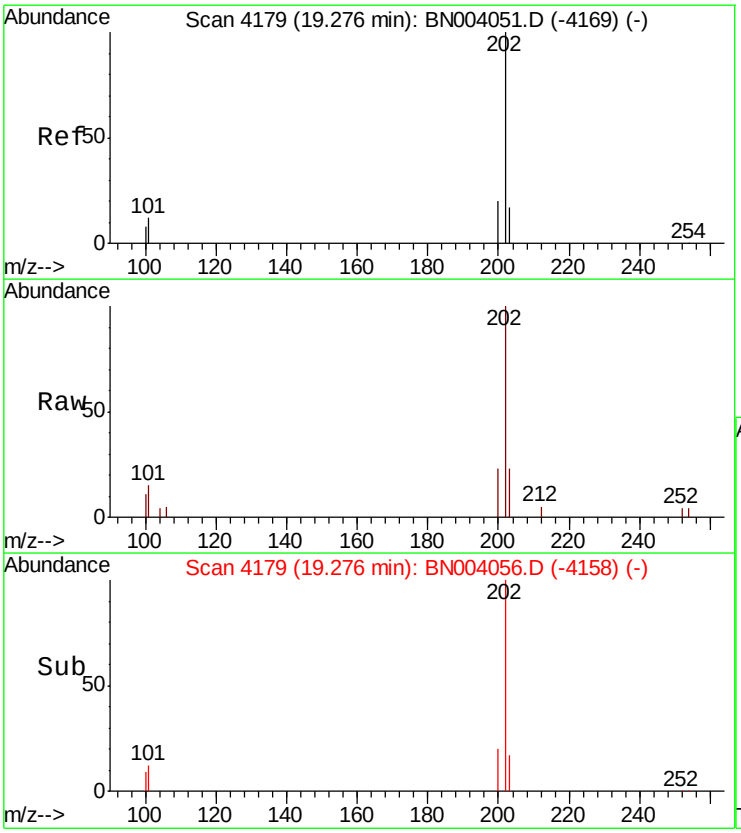
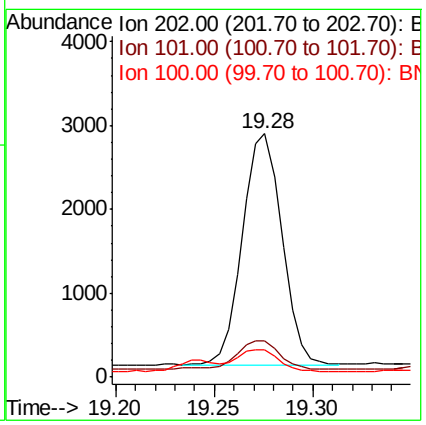
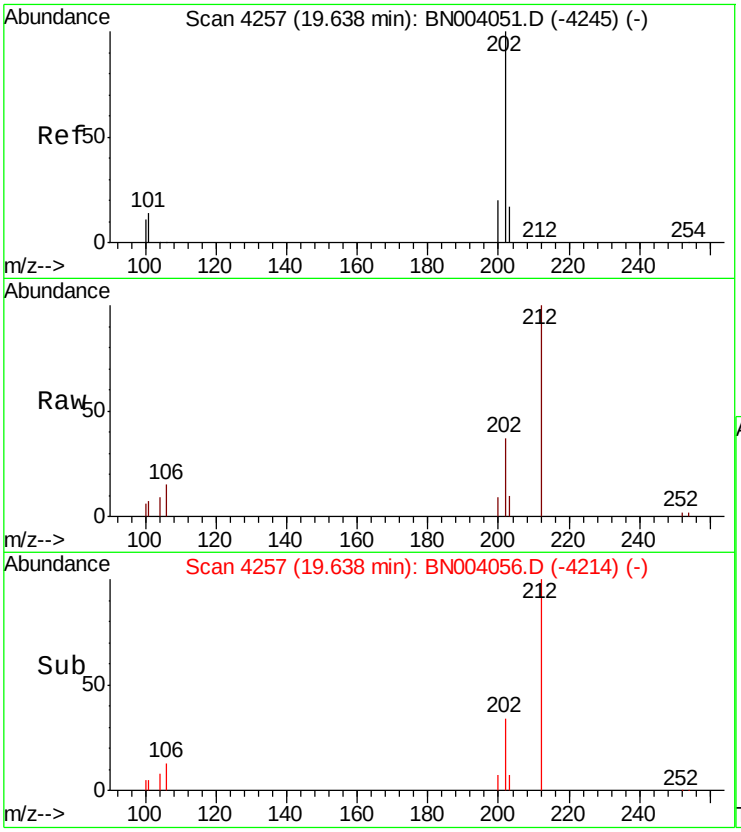


#15
Fluoranthene
Concen: 0.078 ng/ul m
RT: 19.28 min Scan# 4179
Delta R.T. -0.00 min
Lab File: BN004056.D
Acq: 18 Dec 2018 03:13

Tgt Ion:202 Resp: 3873

Ion	Ratio	Lower	Upper
202	100		
101	14.7	0.0	30.7
100	11.0	0.0	28.1





#17
Pyrene
Concen: 0.067 ng/ul
RT: 19.64 min Scan# 4257
Delta R.T. -0.00 min
Lab File: BN004056.D
Acq: 18 Dec 2018 03:13

Tgt Ion:202 Resp: 3579

Ion	Ratio	Lower	Upper
202	100		
101	17.9	10.3	15.5#
100	15.7	8.5	12.7#

Instrument :
BNA_N
ClientSampleId :
F9E03

Manual Integrations APPROVED
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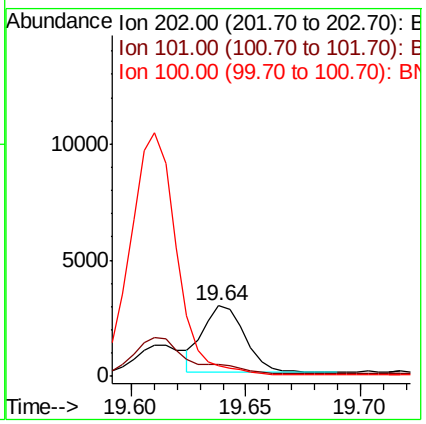
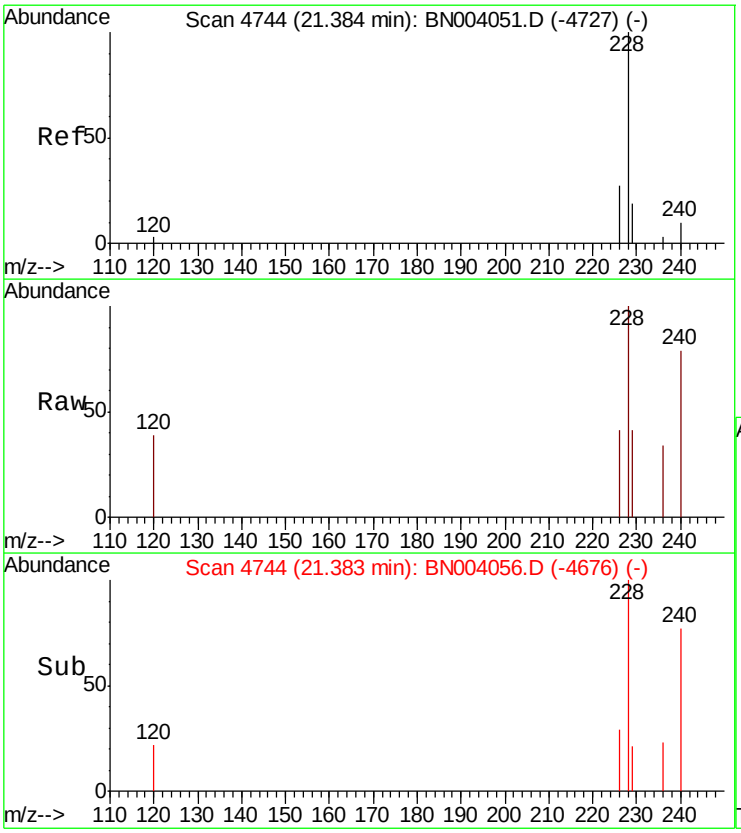
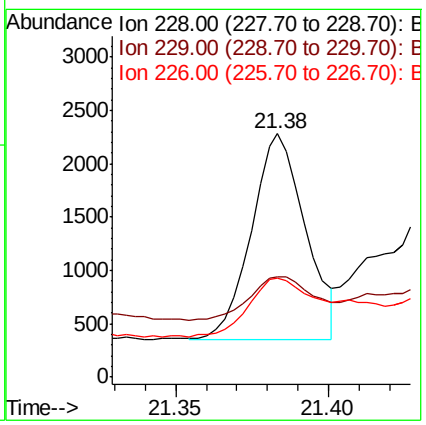


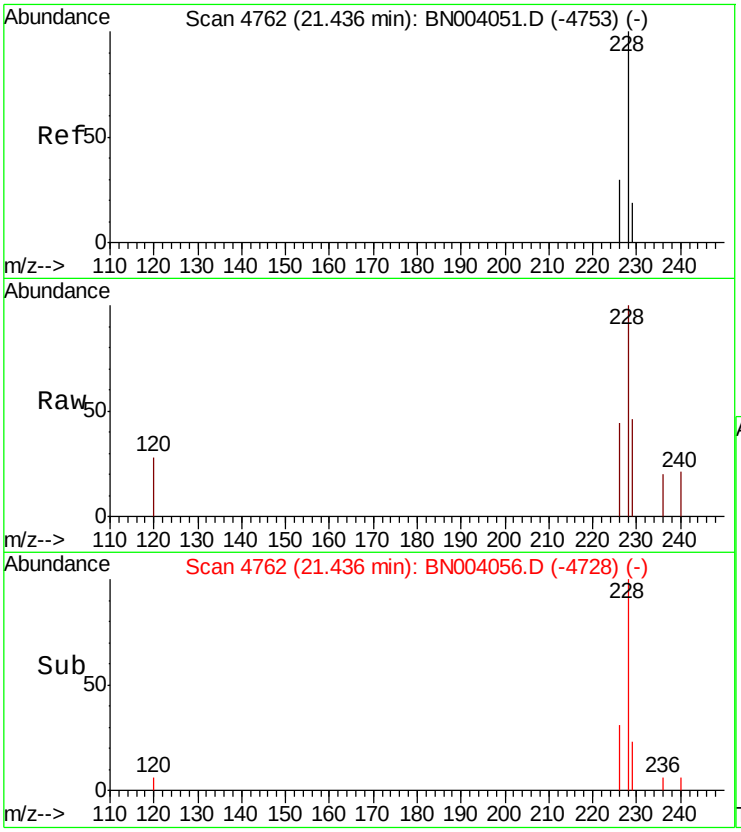


#18
Benzo(a)anthracene
Concen: 0.051 ng/ul m
RT: 21.38 min Scan# 4744
Delta R.T. -0.00 min
Lab File: BN004056.D
Acq: 18 Dec 2018 03:13

Tgt Ion:228 Resp: 2411

Ion	Ratio	Lower	Upper
228	100		
229	41.2	15.6	23.4#
226	40.9	21.1	31.7#





#19
Chrysene
Concen: 0.054 ng/ul m
RT: 21.44 min Scan# 4762
Delta R.T. -0.00 min
Lab File: BN004056.D
Acq: 18 Dec 2018 03:13

Tgt Ion:228 Resp: 2925

Ion	Ratio	Lower	Upper
228	100		
226	44.3	24.0	36.0#
229	46.5	15.7	23.5#

Instrument :
BNA_N
ClientSampleId :
F9E03

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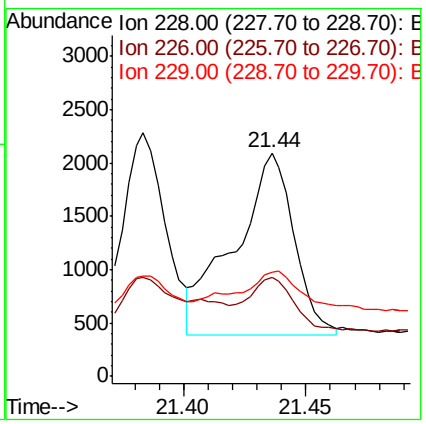
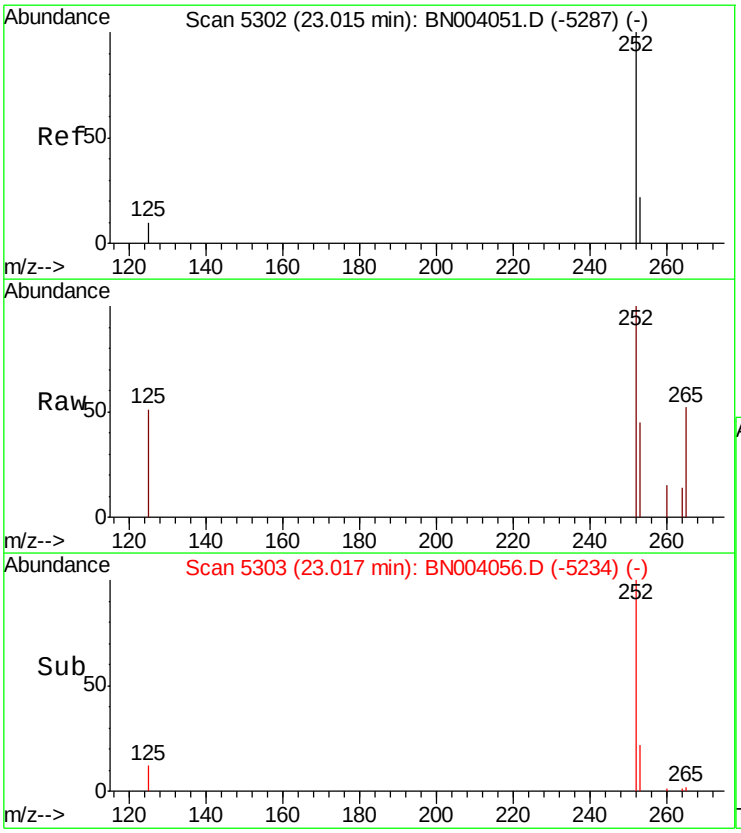
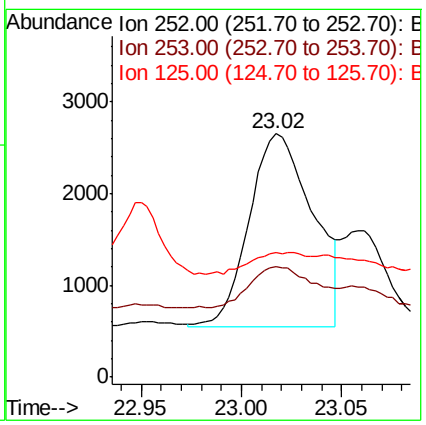


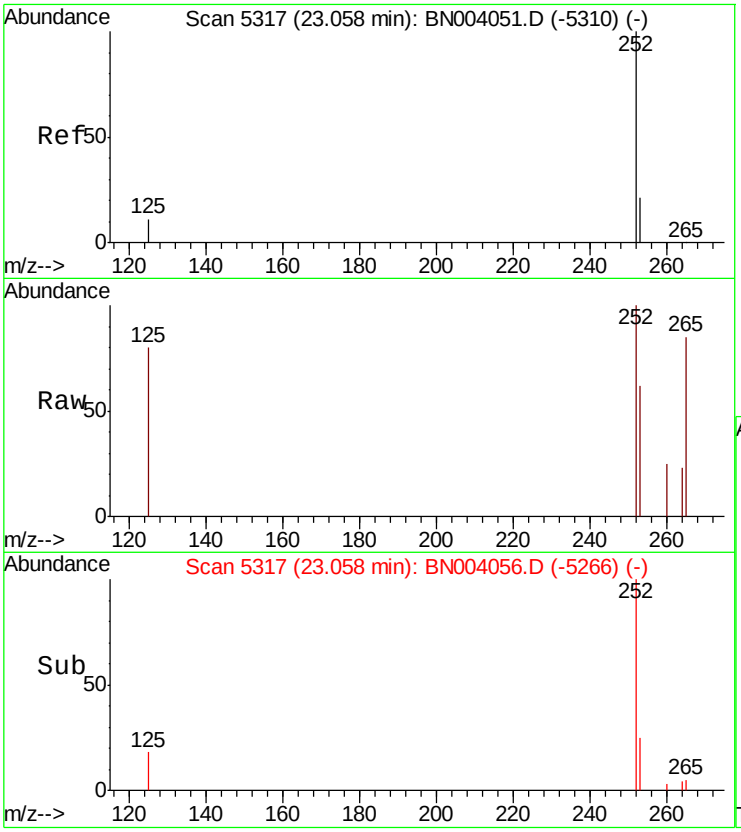


#21
Benzo(b)fluoranthene
Concen: 0.086 ng/ul m
RT: 23.02 min Scan# 5303
Delta R.T. 0.00 min
Lab File: BN004056.D
Acq: 18 Dec 2018 03:13

Tgt Ion:252 Resp: 4631

Ion	Ratio	Lower	Upper
252	100		
253	45.3	0.0	46.0
125	50.9	0.0	22.4#





#22
Benzo(k)fluoranthene
Concen: 0.027 ng/ul m
RT: 23.06 min Scan# 5317
Delta R.T. -0.00 min
Lab File: BN004056.D
Acq: 18 Dec 2018 03:13

Tgt Ion:252 Resp: 1433

Ion	Ratio	Lower	Upper
252	100		
253	61.8	18.5	27.7#
125	79.9	9.0	13.6#

Instrument :
BNA_N
ClientSampleId :
F9E03

Manual Integrations APPROVED
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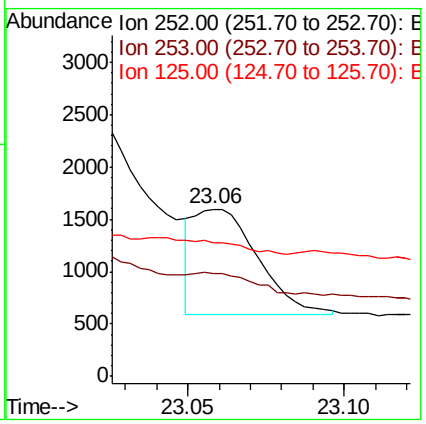
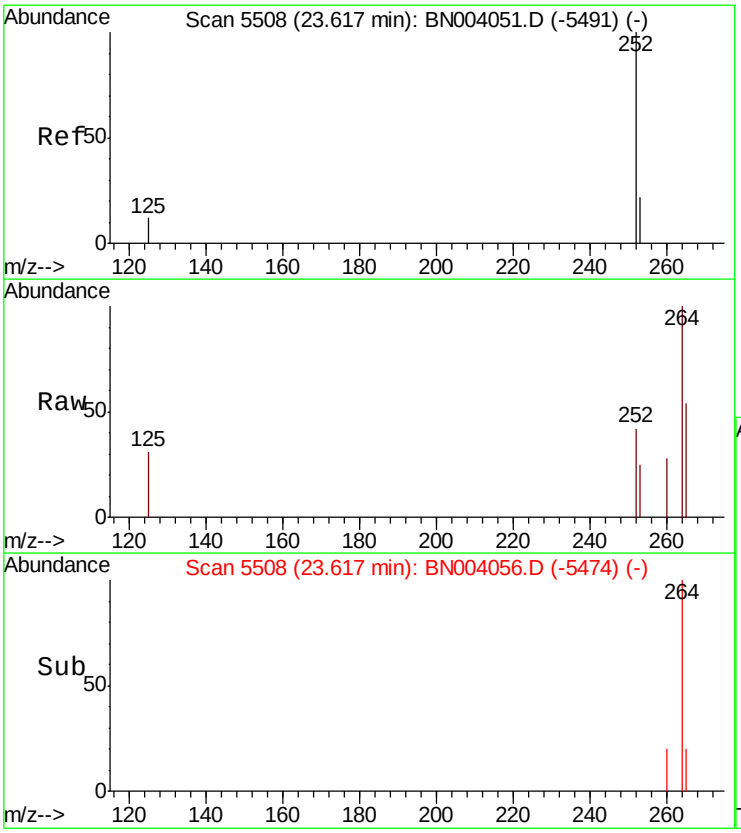
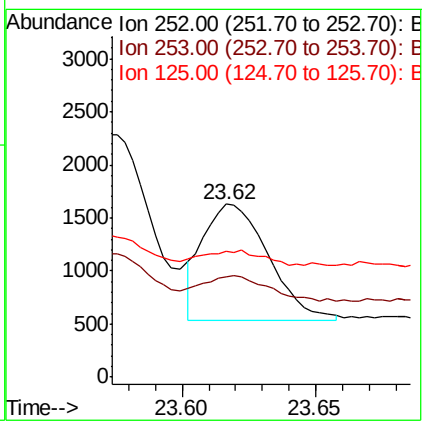


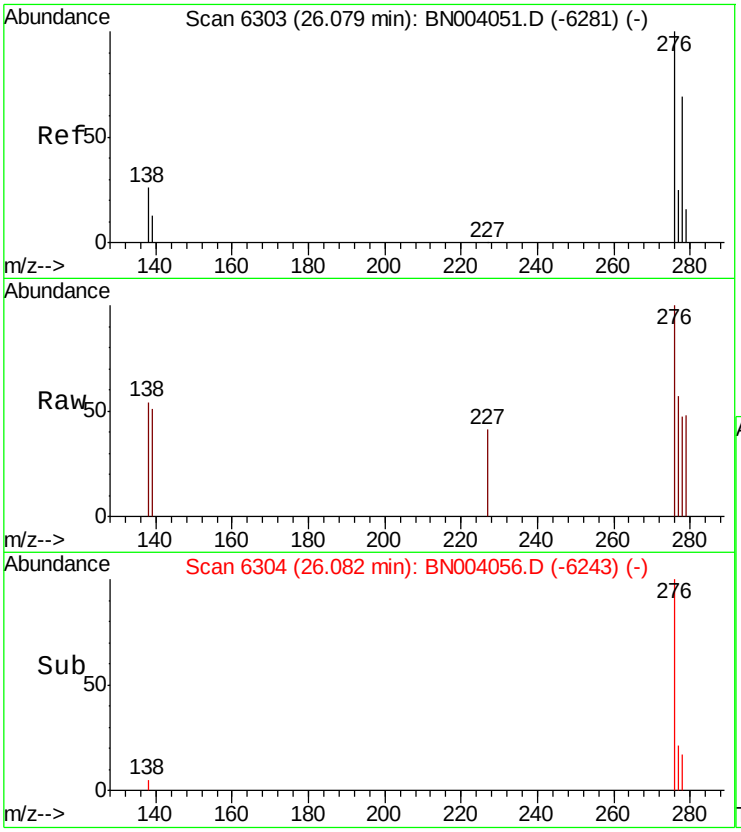


#23
Benzo(a)pyrene
Concen: 0.040 ng/ul m
RT: 23.62 min Scan# 5508
Delta R.T. -0.00 min
Lab File: BN004056.D
Acq: 18 Dec 2018 03:13

Tgt Ion:252 Resp: 1873

Ion	Ratio	Lower	Upper
252	100		
253	58.0	19.0	28.4#
125	73.0	10.2	15.4#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.035 ng/ul m
RT: 26.08 min Scan# 6304
Delta R.T. 0.00 min
Lab File: BN004056.D
Acq: 18 Dec 2018 03:13

Tgt Ion:276 Resp: 1907

Ion	Ratio	Lower	Upper
276	100		
138	0.4	20.3	30.5#
227	0.6	0.2	0.2#

Instrument :
BNA_N
ClientSampleId :
F9E03

Manual Integrations APPROVED
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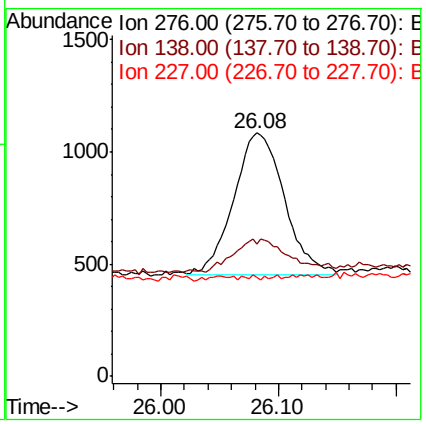
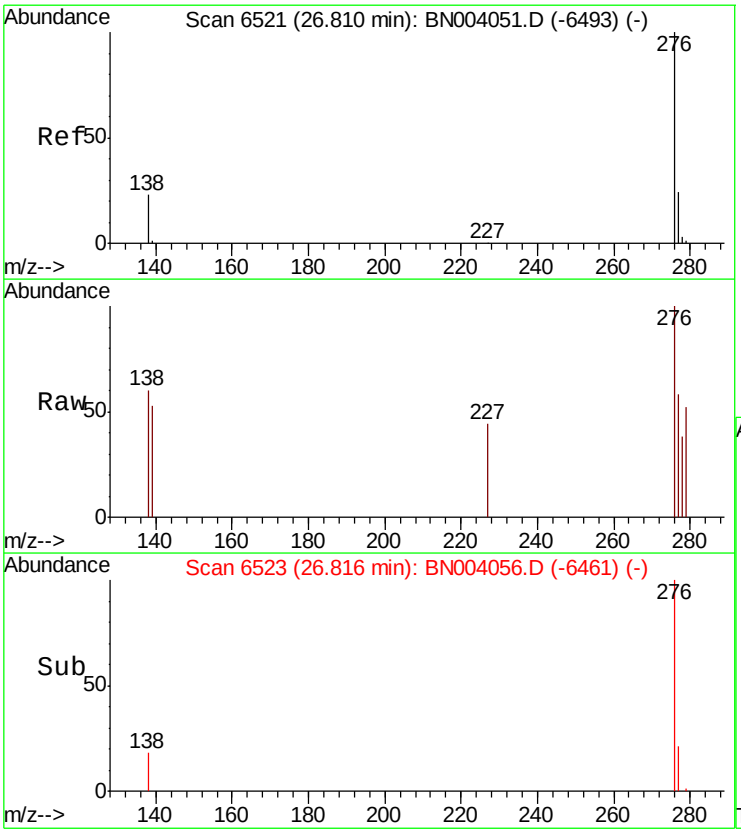
12/18/2018 5:56:48 PM





#26
Benzo(g,h,i)perylene
Concen: 0.036 ng/ul m
RT: 26.82 min Scan# 6523
Delta R.T. 0.01 min
Lab File: BN004056.D
Acq: 18 Dec 2018 03:13

Tgt Ion:276 Resp: 1705

Ion	Ratio	Lower	Upper
276	100		
138	59.5	17.7	26.5#
277	58.0	19.3	28.9#