Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062419\
Data File : BN006546.D
Acq On : 24 Jun 2019 23:57
Operator : HP/JU
Sample : K3362-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A41X7

Manual Integrations APPROVED
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6/25/2019 10:20:51 PM

Quant Time: Jun 25 04:08:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	5551	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.41	136	20882	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	11029	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.04	188	20881m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.25	240	11657m	0.40	ng/ul	-0.02
20) Perylene-d12	23.48	264	10185m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	15800	0.49	ng/ul	-0.02
14) Fluoranthene-d10	19.08	212	27882m	0.50	ng/ul	-0.01
Target Compounds						Qvalue
12) Phenanthrene	17.08	178	2197m	0.033	ng/ul	
15) Fluoranthene	19.11	202	6170m	0.083	ng/ul	
17) Pyrene	19.47	202	3914	0.064	ng/ul#	87
18) Benzo(a)anthracene	21.23	228	1527m	0.030	ng/ul	
19) Chrysene	21.29	228	2176m	0.045	ng/ul	
21) Benzo(b)fluoranthene	22.82	252	2888m	0.068	ng/ul	
22) Benzo(k)fluoranthene	22.86	252	1182m	0.029	ng/ul	
23) Benzo(a)pyrene	23.38	252	1484	0.038	ng/ul#	57
24) Indeno(1,2,3-cd)pyrene	25.72	276	1378	0.032	ng/ul#	62
26) Benzo(g,h,i)perylene	26.40	276	1205	0.034	ng/ul#	73

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

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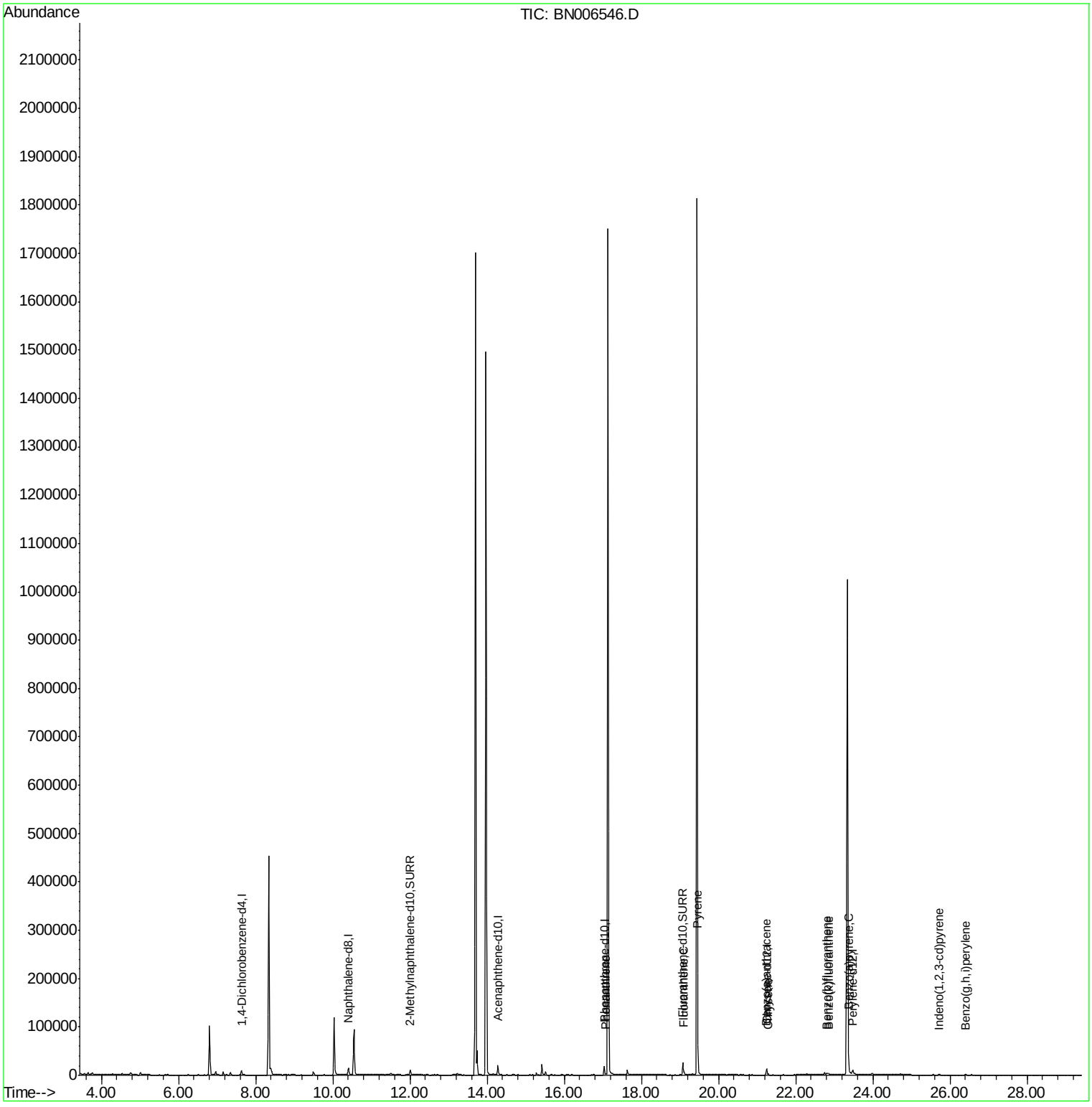

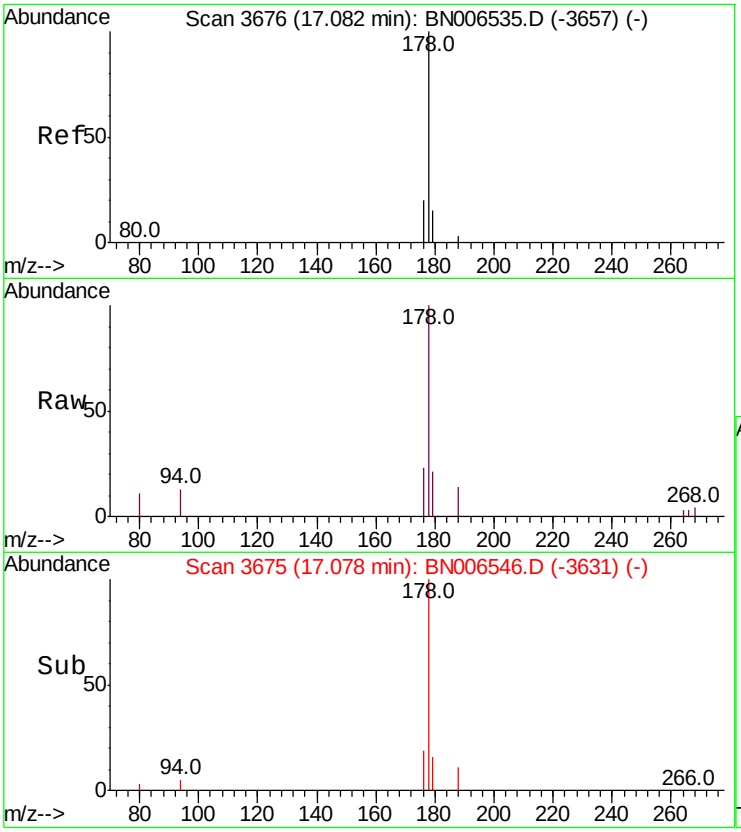

#12
Phenanthrene
Concen: 0.033 ng/ul m
RT: 17.08 min Scan# 3675
Delta R.T. -0.01 min
Lab File: BN006546.D
Acq: 24 Jun 2019 23:57

Tgt Ion:178 Resp: 2197

Ion	Ratio	Lower	Upper
178	100		
179	21.2	12.3	18.5#
176	23.2	15.3	22.9#

Instrument :
BNA_N
ClientSampleId :
A41X7

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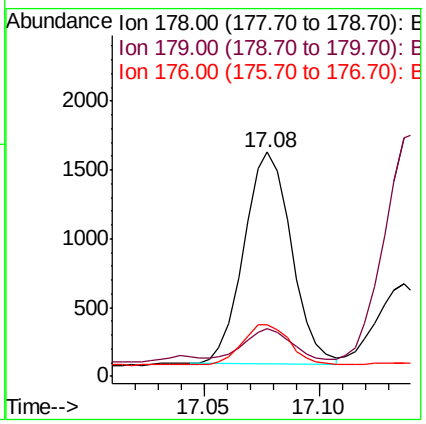
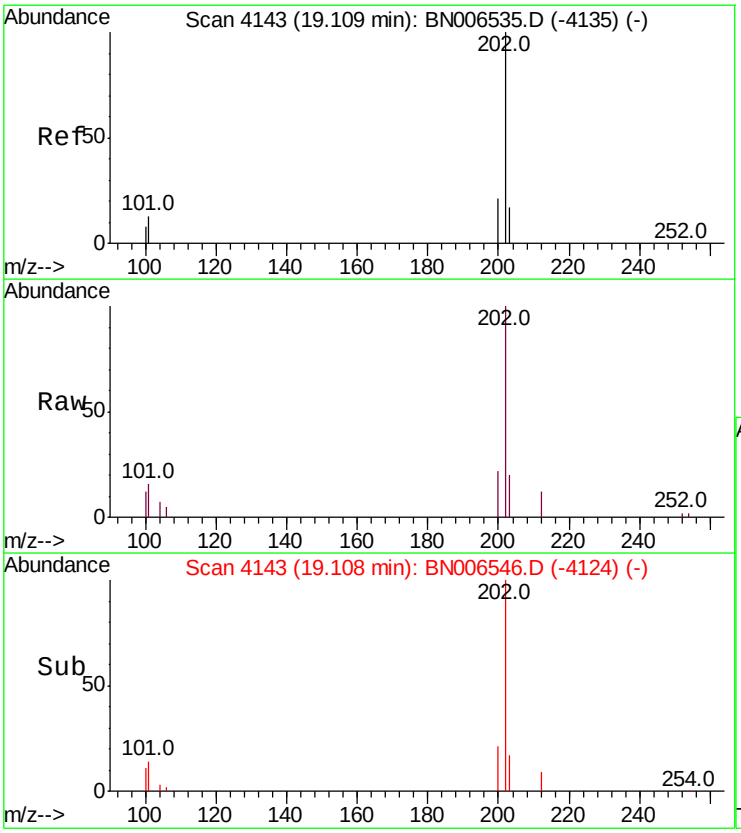
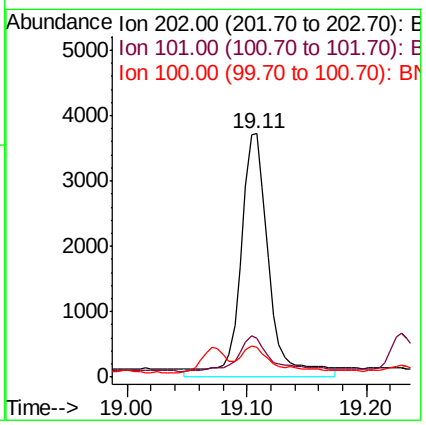


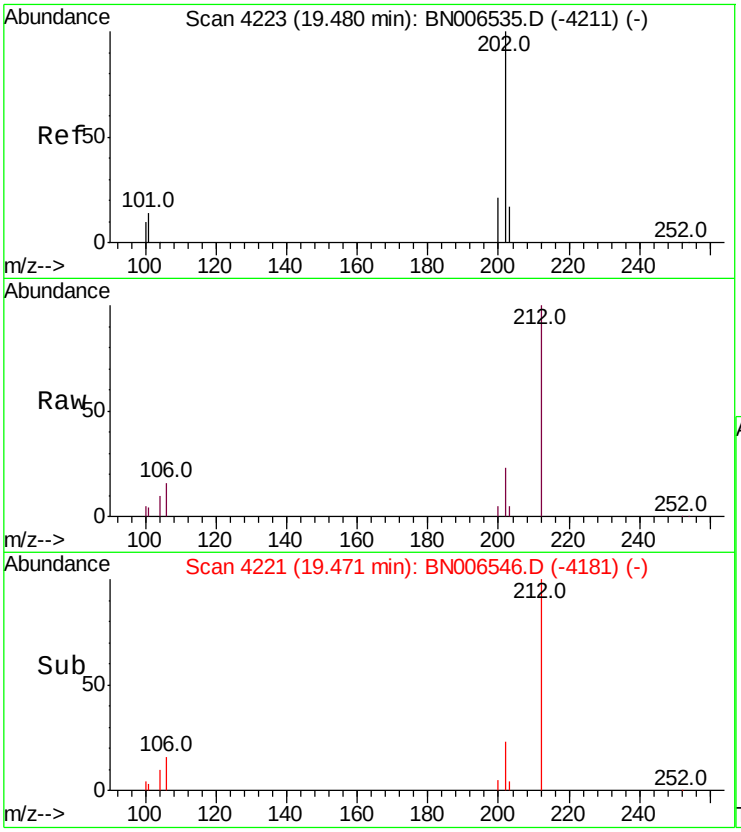


#15
Fluoranthene
Concen: 0.083 ng/ul m
RT: 19.11 min Scan# 4143
Delta R.T. -0.01 min
Lab File: BN006546.D
Acq: 24 Jun 2019 23:57

Tgt Ion:202 Resp: 6170

Ion	Ratio	Lower	Upper
202	100		
101	16.1	0.0	32.1
100	12.1	0.0	28.7





#17
Pyrene
Concen: 0.064 ng/ul
RT: 19.47 min Scan# 4221
Delta R.T. -0.01 min
Lab File: BN006546.D
Acq: 24 Jun 2019 23:57

Tgt Ion:202 Resp: 3914

Ion	Ratio	Lower	Upper
202	100		
101	18.9	12.2	18.2#
100	19.6	9.8	14.6#

Instrument :
BNA_N
ClientSampleId :
A41X7

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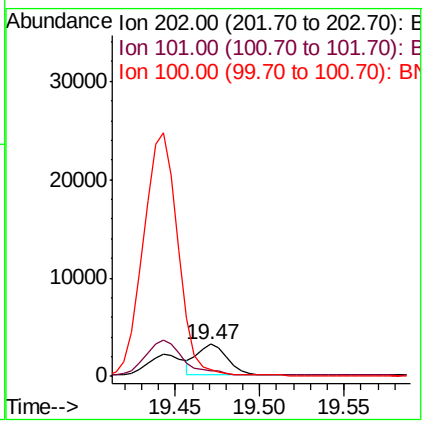
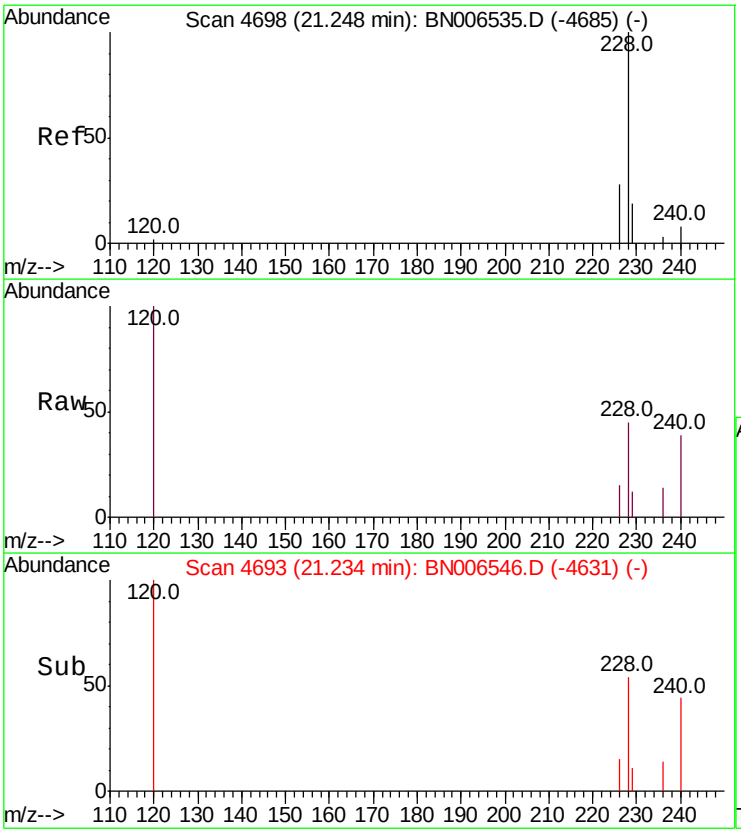
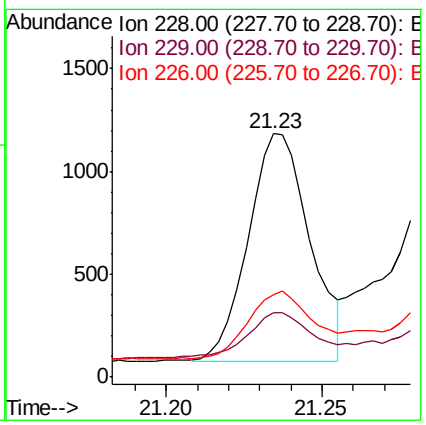


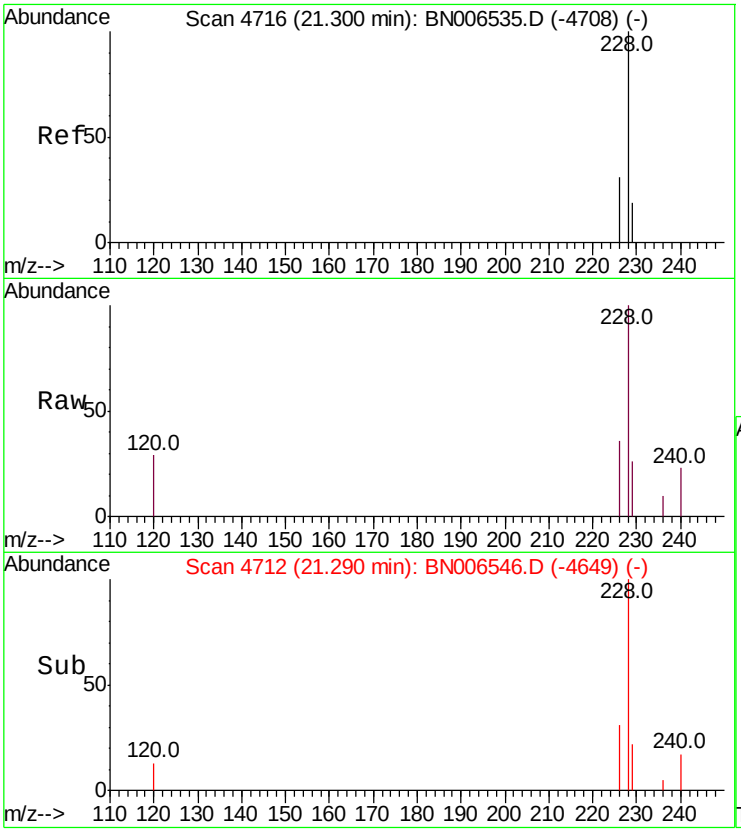


#18
Benzo(a)anthracene
Concen: 0.030 ng/ul m
RT: 21.23 min Scan# 4693
Delta R.T. -0.02 min
Lab File: BN006546.D
Acq: 24 Jun 2019 23:57

Tgt Ion:228 Resp: 1527

Ion	Ratio	Lower	Upper
228	100		
229	26.3	16.5	24.7#
226	34.0	22.8	34.2





#19
Chrysene
Concen: 0.045 ng/ul m
RT: 21.29 min Scan# 4712
Delta R.T. -0.02 min
Lab File: BN006546.D
Acq: 24 Jun 2019 23:57

Tgt Ion:228 Resp: 2176

Ion	Ratio	Lower	Upper
228	100		
226	36.0	25.0	37.6
229	26.3	16.3	24.5#

Instrument :
BNA_N
ClientSampleId :
A41X7

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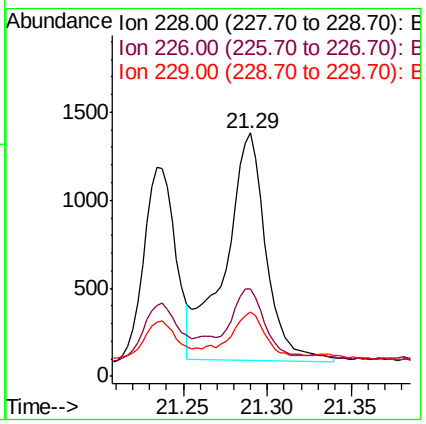
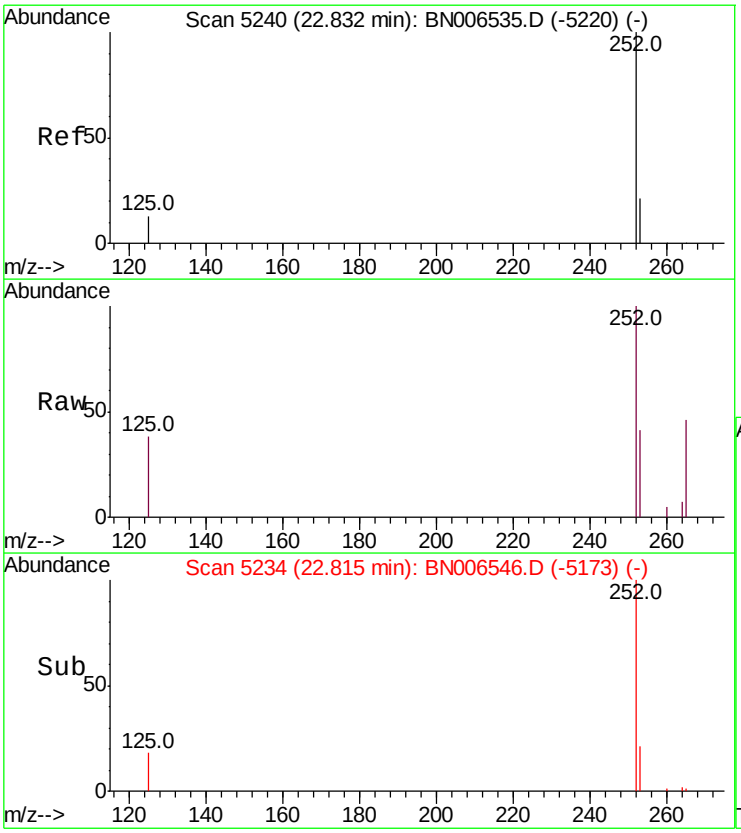
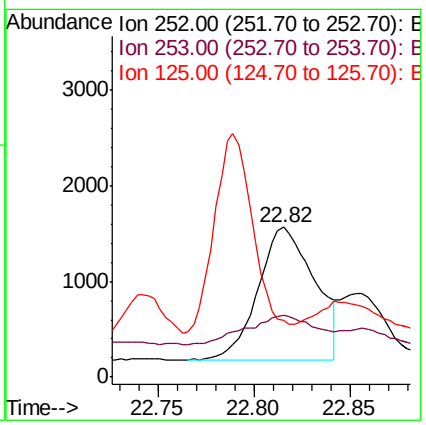


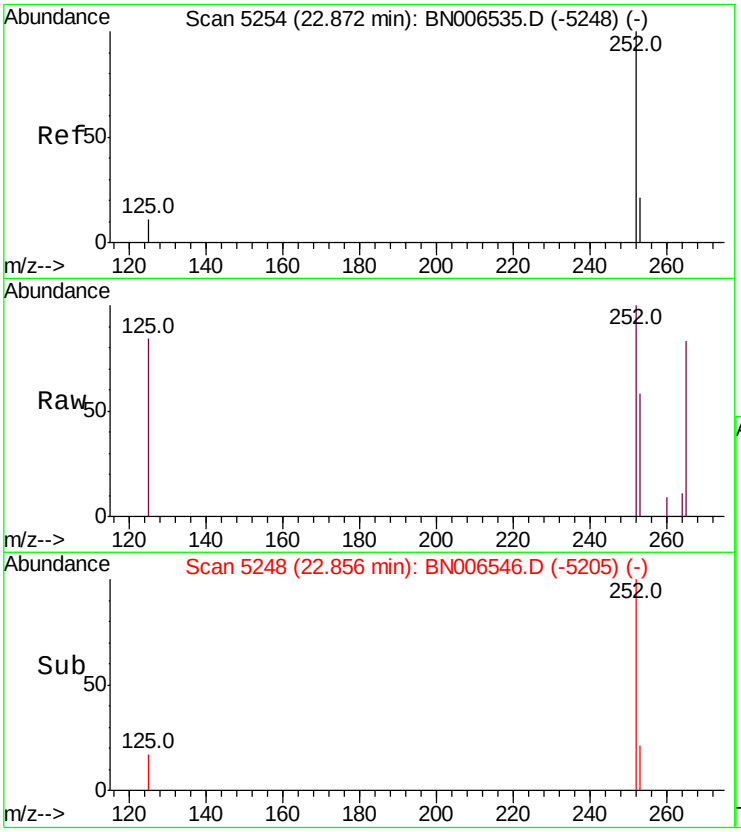


#21
Benzo(b)fluoranthene
Concen: 0.068 ng/ul m
RT: 22.82 min Scan# 5234
Delta R.T. -0.02 min
Lab File: BN006546.D
Acq: 24 Jun 2019 23:57

Tgt Ion:252 Resp: 2888

Ion	Ratio	Lower	Upper
252	100		
253	41.1	0.0	51.4
125	37.8	0.0	41.0

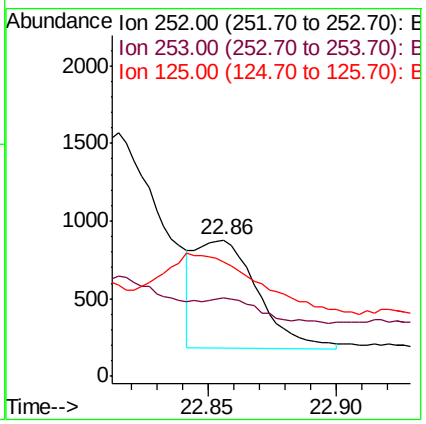




#22
Benzo(k)fluoranthene
Concen: 0.029 ng/ul m
RT: 22.86 min Scan# 5248
Delta R.T. -0.03 min
Lab File: BN006546.D
Acq: 24 Jun 2019 23:57

Tgt Ion:252 Resp: 1182

Ion	Ratio	Lower	Upper
252	100		
253	58.0	20.3	30.5#
125	83.9	14.3	21.5#



Instrument :
BNA_N
ClientSampleId :
A41X7

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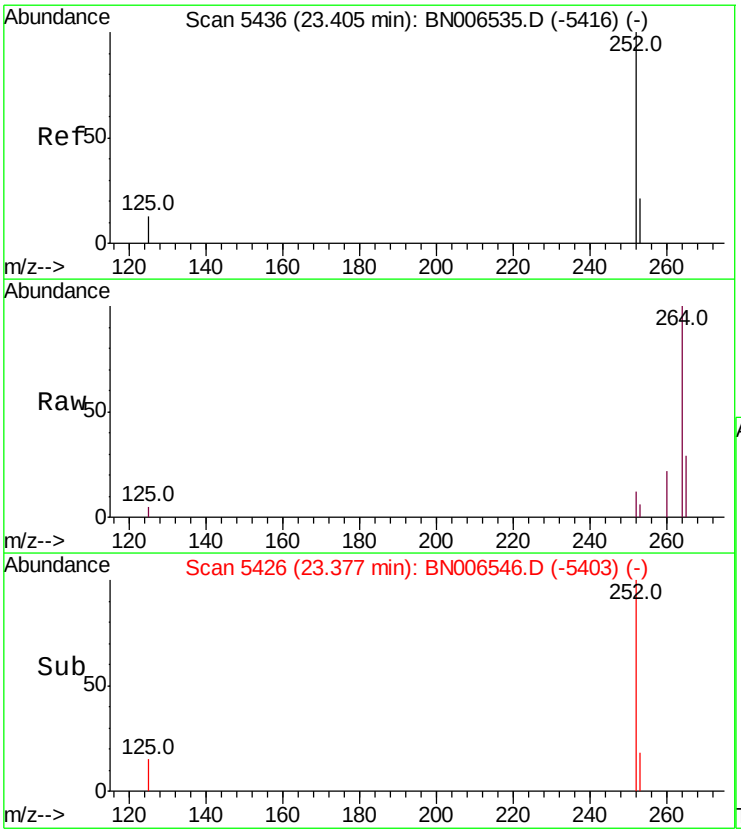
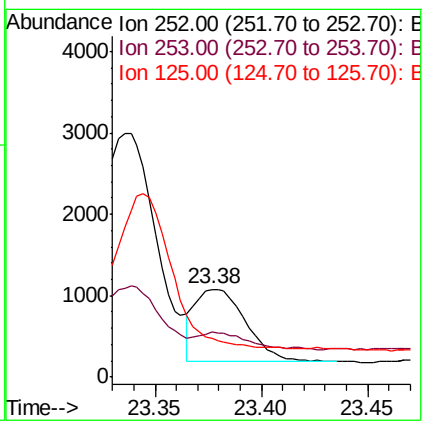
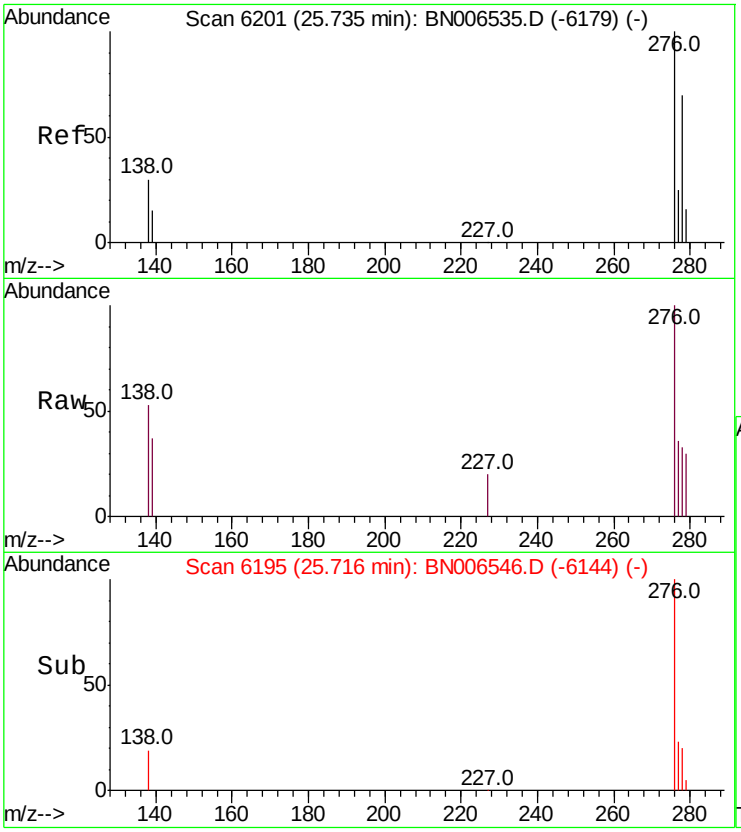


#23
Benzo(a)pyrene
Concen: 0.038 ng/ul
RT: 23.38 min Scan# 5426
Delta R.T. -0.03 min
Lab File: BN006546.D
Acq: 24 Jun 2019 23:57

Tgt Ion:252 Resp: 1484

Ion	Ratio	Lower	Upper
252	100		
253	51.4	21.1	31.7#
125	44.0	20.3	30.5#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.032 ng/ul
RT: 25.72 min Scan# 6195
Delta R.T. -0.03 min
Lab File: BN006546.D
Acq: 24 Jun 2019 23:57

Tgt Ion:276 Resp: 1378

Ion	Ratio	Lower	Upper
276	100		
138	53.7	25.6	38.4#
227	0.0	0.3	0.5#

Instrument :
BNA_N
ClientSampleId :
A41X7

Manual Integrations APPROVED
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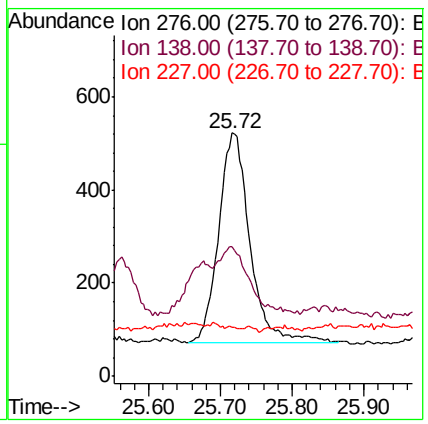

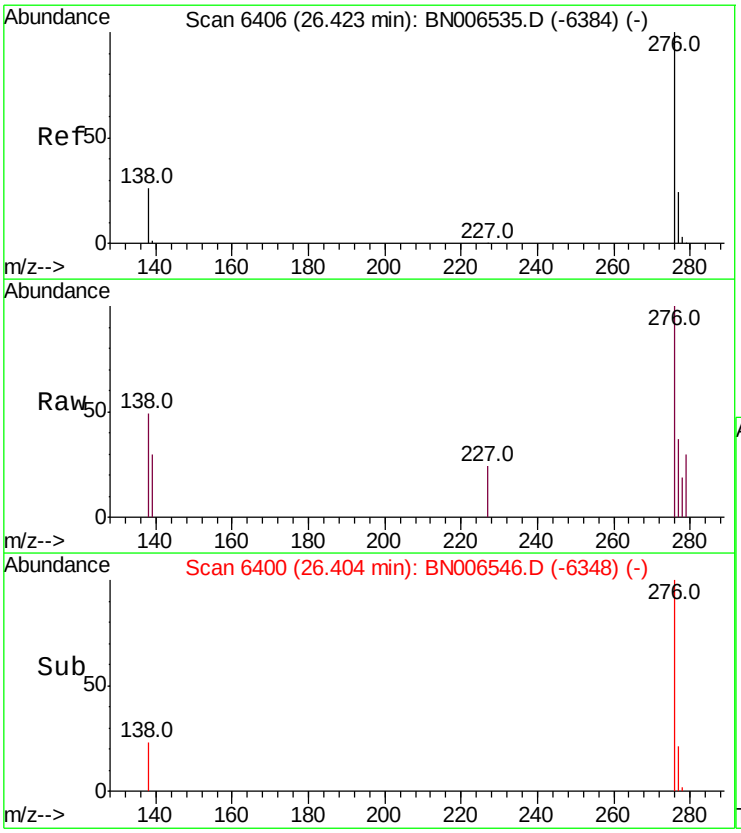

#26
Benzo(g,h,i)perylene
Concen: 0.034 ng/ul
RT: 26.40 min Scan# 6400
Delta R.T. -0.03 min
Lab File: BN006546.D
Acq: 24 Jun 2019 23:57

Tgt Ion:276 Resp: 1205

Ion	Ratio	Lower	Upper
276	100		
138	48.9	24.2	36.4#
277	37.2	21.5	32.3#