Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
Data File : BN003113.D
Acq On : 11 Oct 2018 21:12
Operator : MJ/SJ
Sample : J5368-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3YZ8

Manual Integrations APPROVED
Sohil
10/12/2018 6:38:21 PM

Quant Time: Oct 12 06:51:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 12 05:29:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1685	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	7290	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	4335	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	9500m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	6810m	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	4937m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	3980	0.35	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	9750m	0.36	ng/ul	0.00
Target Compounds						Qvalue
9) Fluorene	15.32	166	354	0.021	ng/ul#	87
12) Phenanthrene	17.06	178	5674	0.214	ng/ul	98
13) Anthracene	17.15	178	1408m	0.056	ng/ul	
15) Fluoranthene	19.09	202	7332m	0.236	ng/ul	
17) Pyrene	19.45	202	5822m	0.220	ng/ul	
18) Benzo(a)anthracene	21.22	228	2641	0.121	ng/ul#	88
19) Chrysene	21.27	228	2384	0.107	ng/ul#	88
21) Benzo(b)fluoranthene	22.78	252	2548m	0.143	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	940m	0.051	ng/ul	
23) Benzo(a)pyrene	23.34	252	1652	0.104	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.68	276	1137	0.062	ng/ul#	49
26) Benzo(g,h,i)perylene	26.35	276	1073	0.069	ng/ul#	50

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

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Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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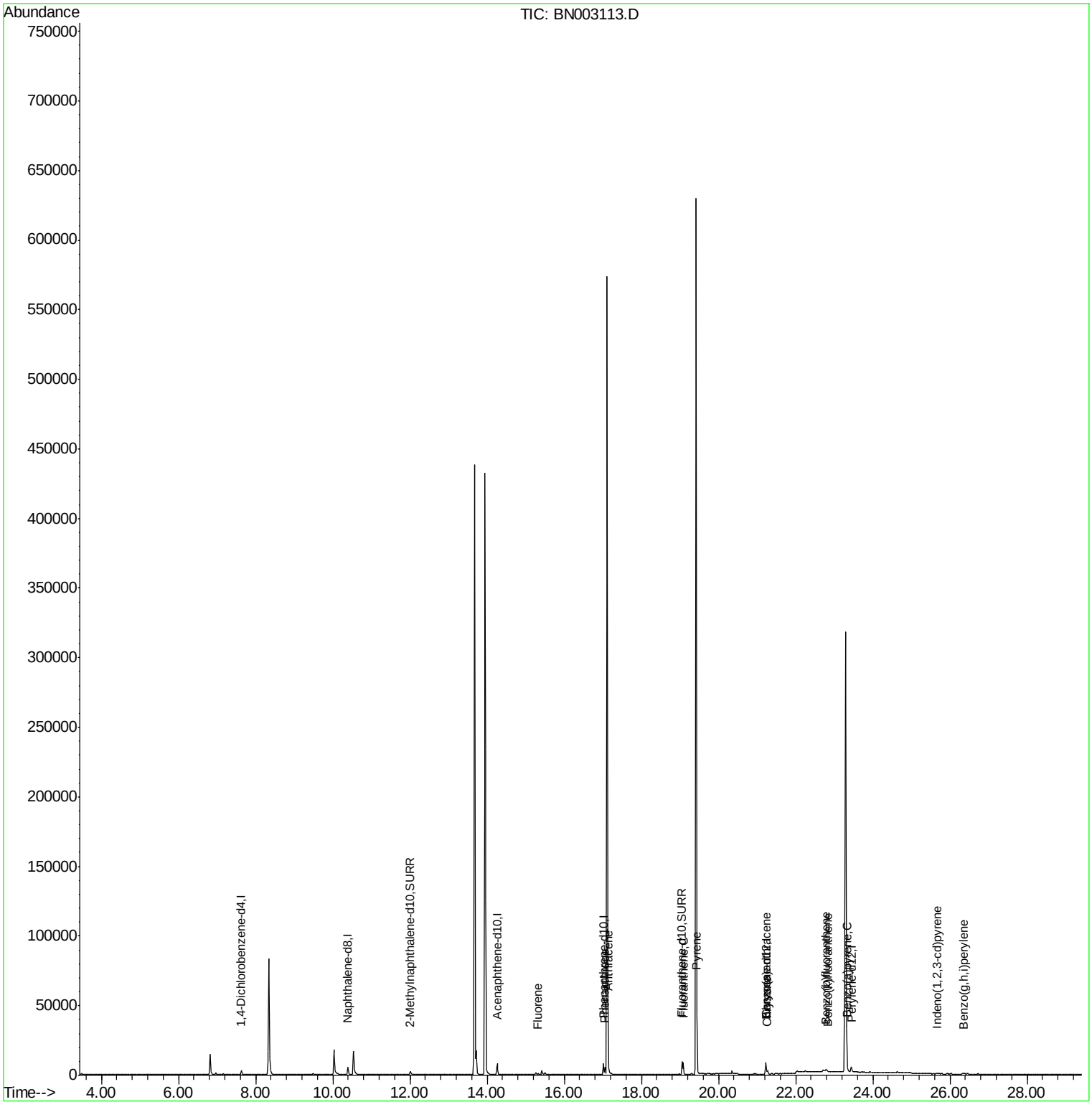

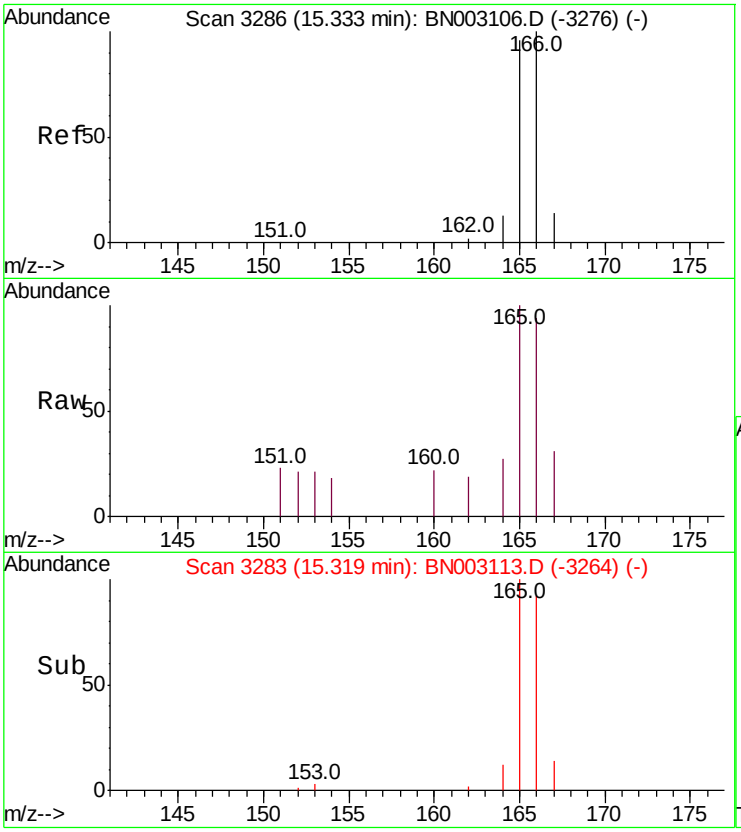

#9
Fluorene
Concen: 0.021 ng/ul
RT: 15.32 min Scan# 3283
Delta R.T. -0.01 min
Lab File: BN003113.D
Acq: 11 Oct 2018 21:12

Tgt Ion:166 Resp: 354

Ion	Ratio	Lower	Upper
166	100		
165	106.8	78.5	117.7
167	32.7	11.6	17.4#

Instrument :
BNA_N
ClientSampleId :
A3YZ8

Manual Integrations APPROVED
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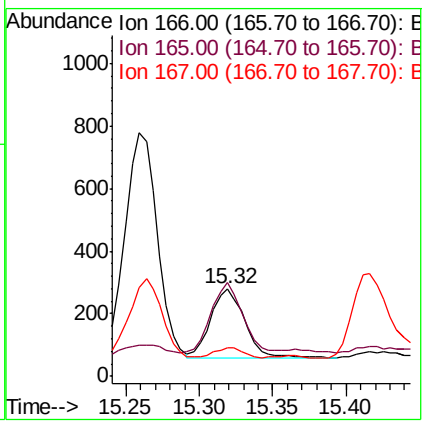
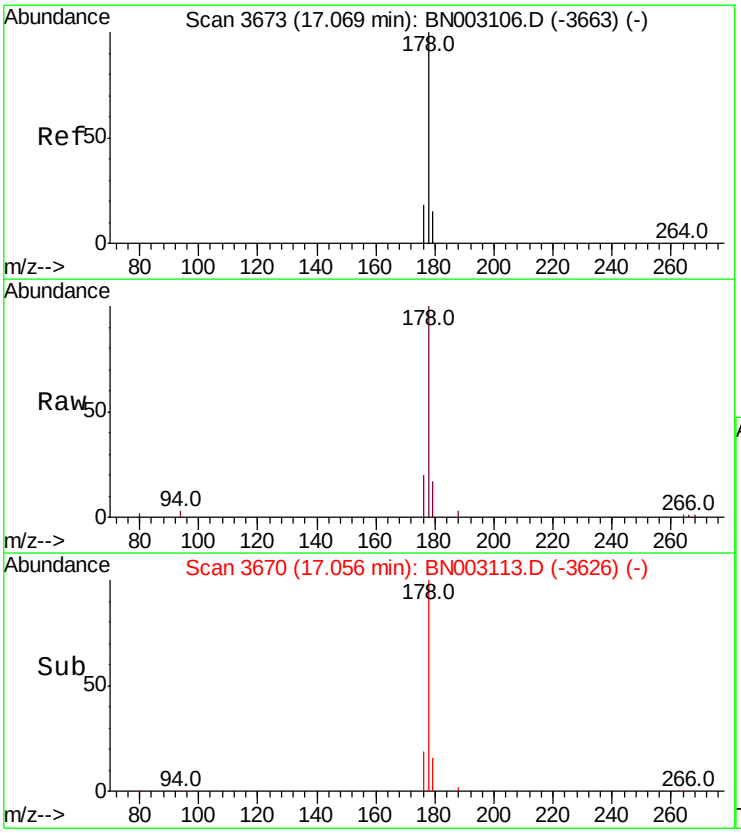
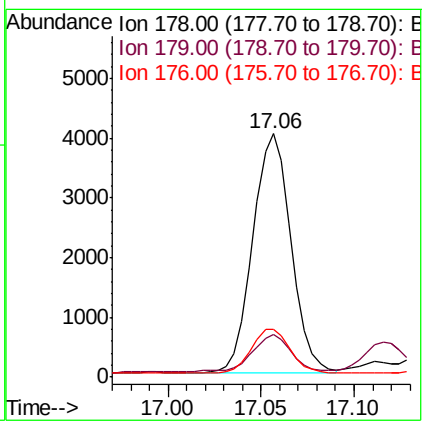


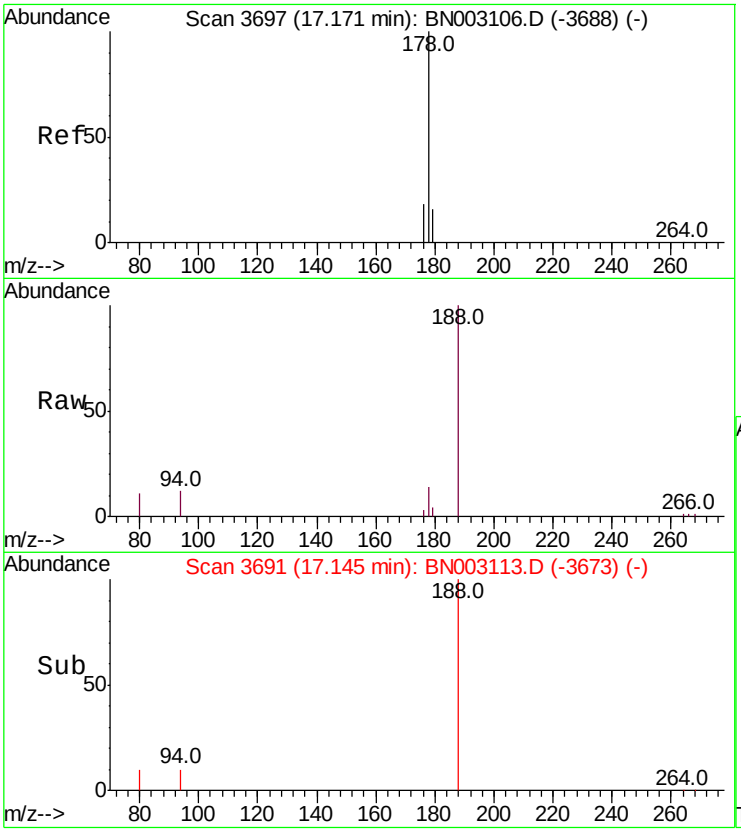


#12
Phenanthrene
Concen: 0.214 ng/ul
RT: 17.06 min Scan# 3670
Delta R.T. -0.01 min
Lab File: BN003113.D
Acq: 11 Oct 2018 21:12

Tgt Ion:178 Resp: 5674

Ion	Ratio	Lower	Upper
178	100		
179	17.3	12.9	19.3
176	19.7	15.4	23.2





#13
Anthracene
Concen: 0.056 ng/ul m
RT: 17.15 min Scan# 3691
Delta R.T. -0.03 min
Lab File: BN003113.D
Acq: 11 Oct 2018 21:12

Tgt Ion:178 Resp: 1408

Ion	Ratio	Lower	Upper
178	100		
179	27.5	13.0	19.6#
176	22.8	15.3	22.9

Instrument :
BNA_N
ClientSampleId :
A3YZ8

Manual Integrations APPROVED
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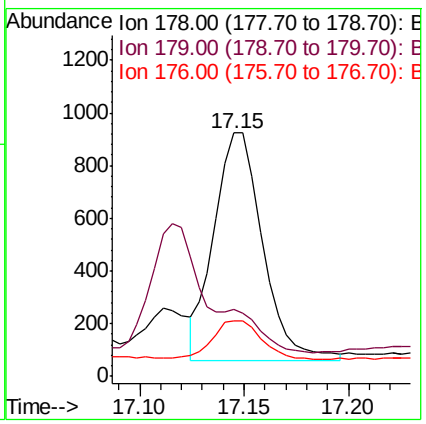
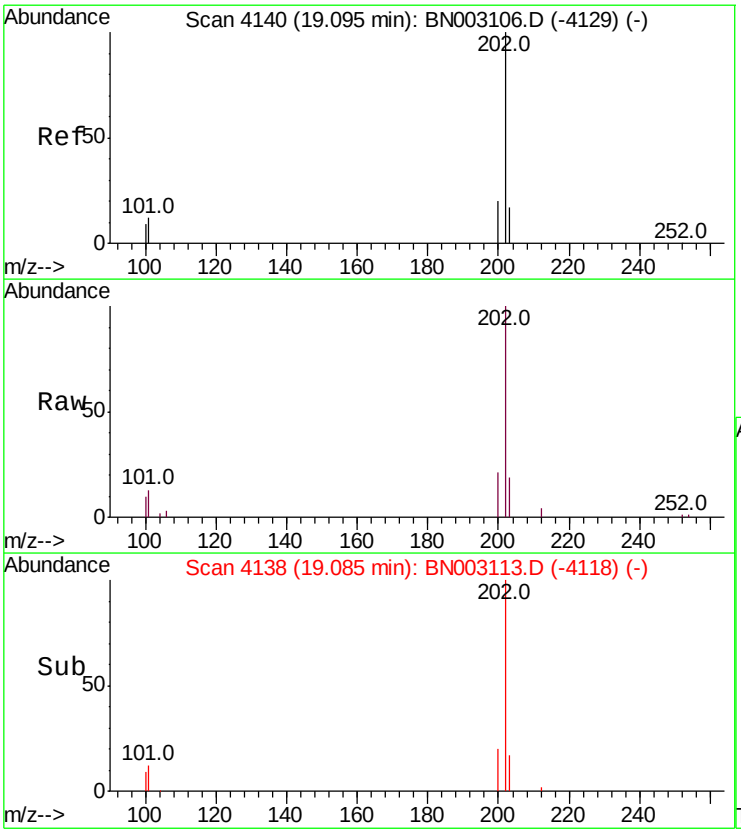
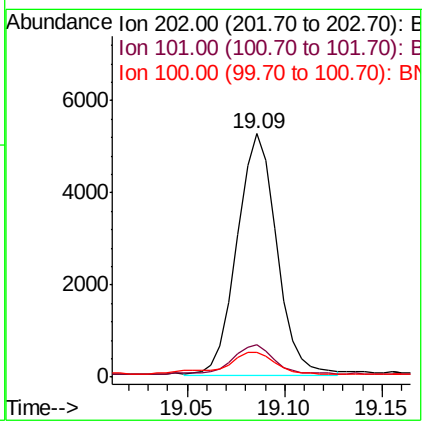


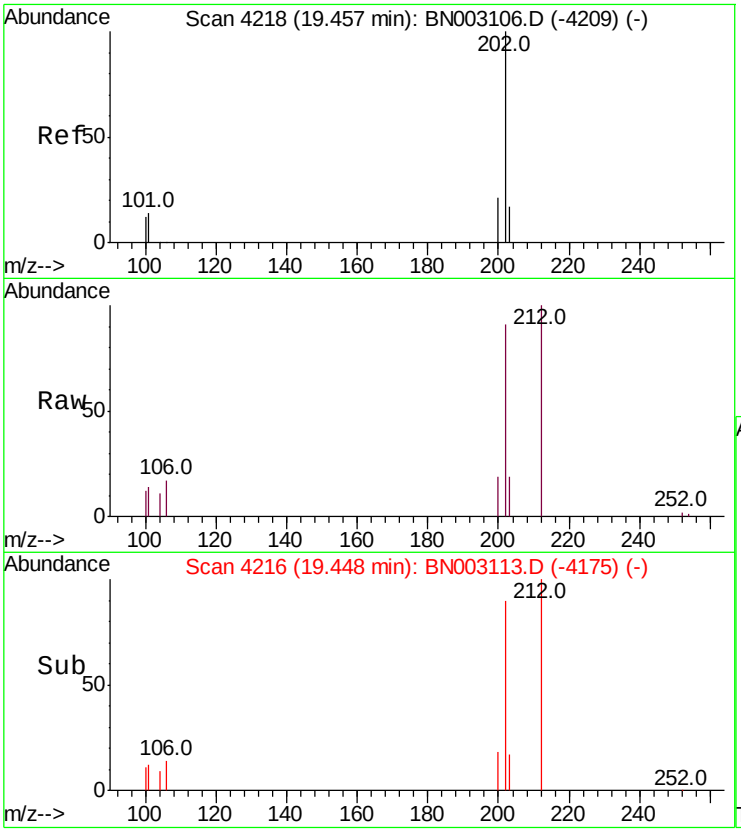


#15
Fluoranthene
Concen: 0.236 ng/ul m
RT: 19.09 min Scan# 4138
Delta R.T. -0.01 min
Lab File: BN003113.D
Acq: 11 Oct 2018 21:12

Tgt Ion:202 Resp: 7332

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	32.3
100	10.0	0.0	29.1





#17
Pyrene
Concen: 0.220 ng/ul m
RT: 19.45 min Scan# 4216
Delta R.T. -0.01 min
Lab File: BN003113.D
Acq: 11 Oct 2018 21:12

Tgt Ion:202 Resp: 5822

Ion	Ratio	Lower	Upper
202	100		
101	15.4	11.9	17.9
100	13.2	9.9	14.9

Instrument :
BNA_N
ClientSampleId :
A3YZ8

Manual Integrations APPROVED
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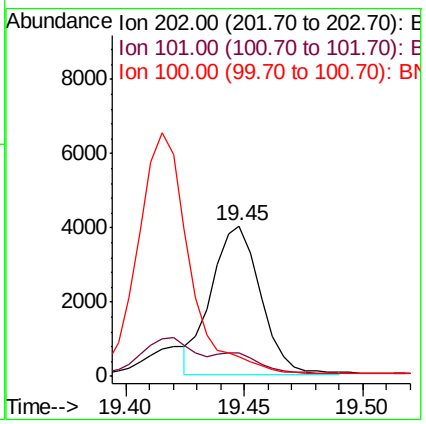
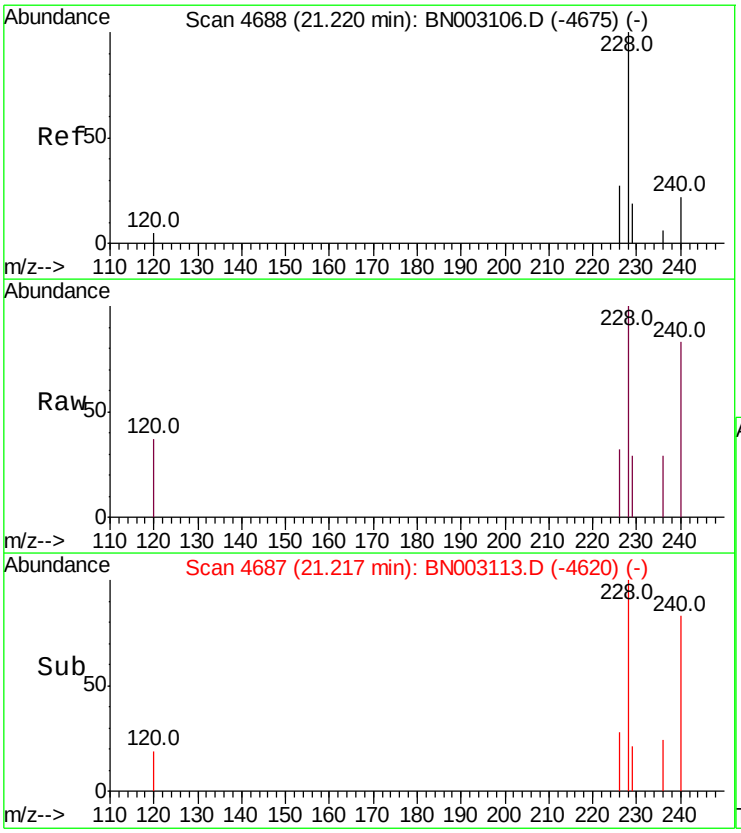
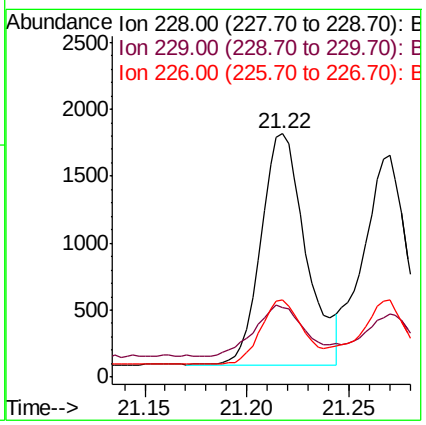


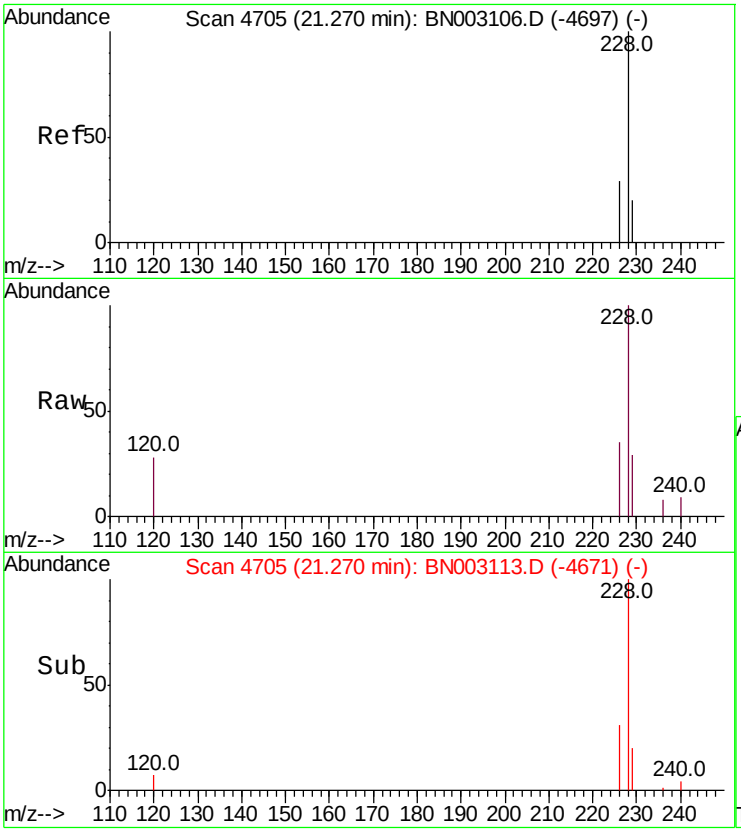


#18
Benzo(a)anthracene
Concen: 0.121 ng/ul
RT: 21.22 min Scan# 4687
Delta R.T. -0.00 min
Lab File: BN003113.D
Acq: 11 Oct 2018 21:12

Tgt Ion:228 Resp: 2641

Ion	Ratio	Lower	Upper
228	100		
229	28.8	16.2	24.2#
226	31.7	22.3	33.5





#19
Chrysene
Concen: 0.107 ng/ul
RT: 21.27 min Scan# 4705
Delta R.T. -0.00 min
Lab File: BN003113.D
Acq: 11 Oct 2018 21:12

Tgt Ion:228 Resp: 2384

Ion	Ratio	Lower	Upper
228	100		
226	34.9	24.2	36.4
229	28.7	16.7	25.1#

Instrument :
BNA_N
ClientSampleId :
A3YZ8

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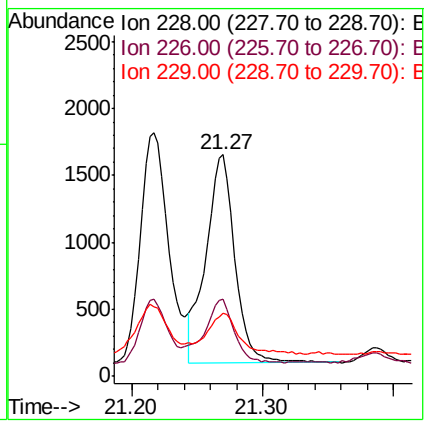
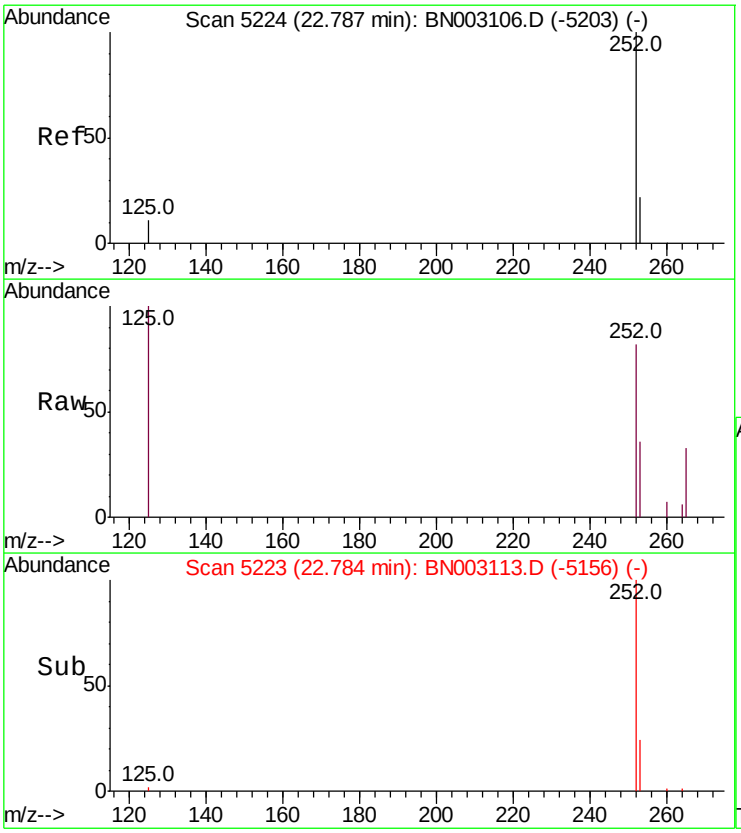
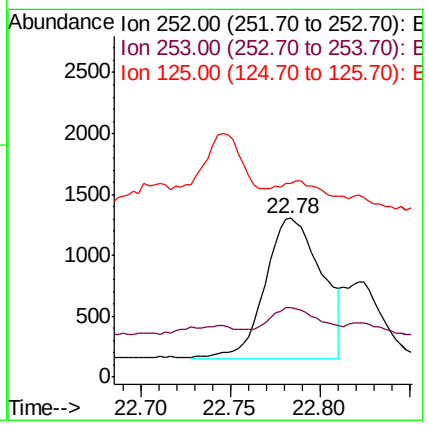


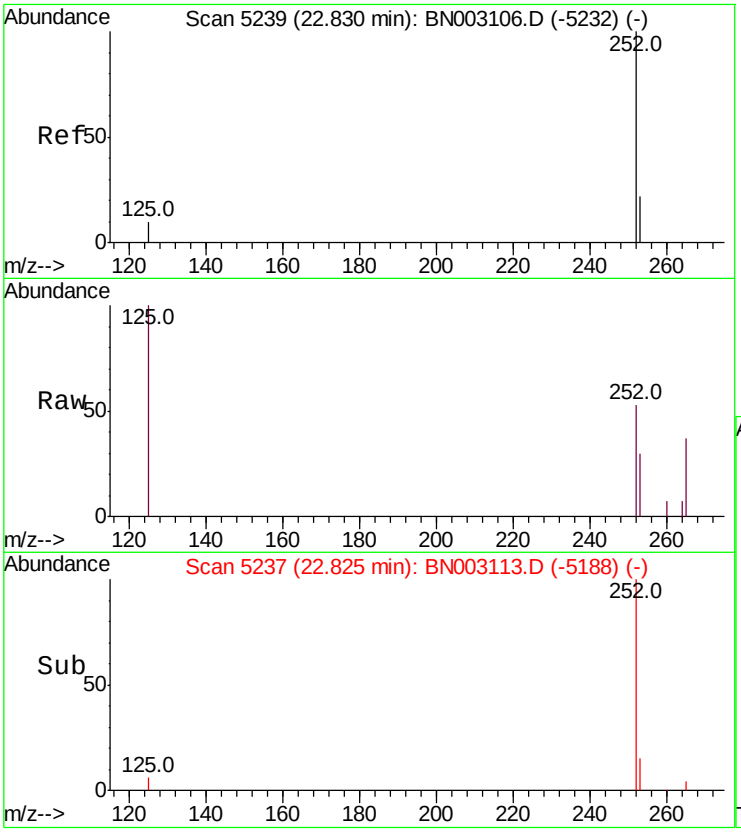


#21
Benzo(b)fluoranthene
Concen: 0.143 ng/ul m
RT: 22.78 min Scan# 5223
Delta R.T. -0.00 min
Lab File: BN003113.D
Acq: 11 Oct 2018 21:12

Tgt Ion:252 Resp: 2548

Ion	Ratio	Lower	Upper
252	100		
253	43.7	0.0	53.2
125	122.3	0.0	34.2#

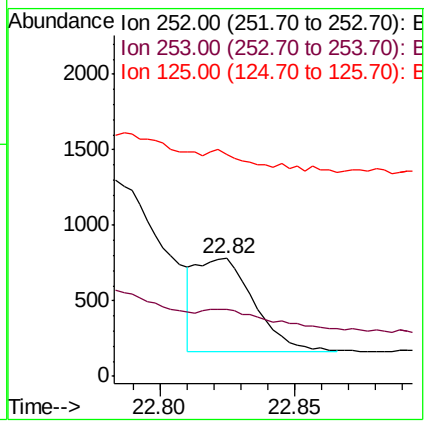




#22
Benzo(k)fluoranthene
Concen: 0.051 ng/ul m
RT: 22.82 min Scan# 5237
Delta R.T. -0.01 min
Lab File: BN003113.D
Acq: 11 Oct 2018 21:12

Tgt Ion:252 Resp: 940

Ion	Ratio	Lower	Upper
252	100		
253	57.0	21.3	31.9#
125	188.0	14.1	21.1#



Instrument :
BNA_N
ClientSampleId :
A3YZ8

Manual Integrations APPROVED
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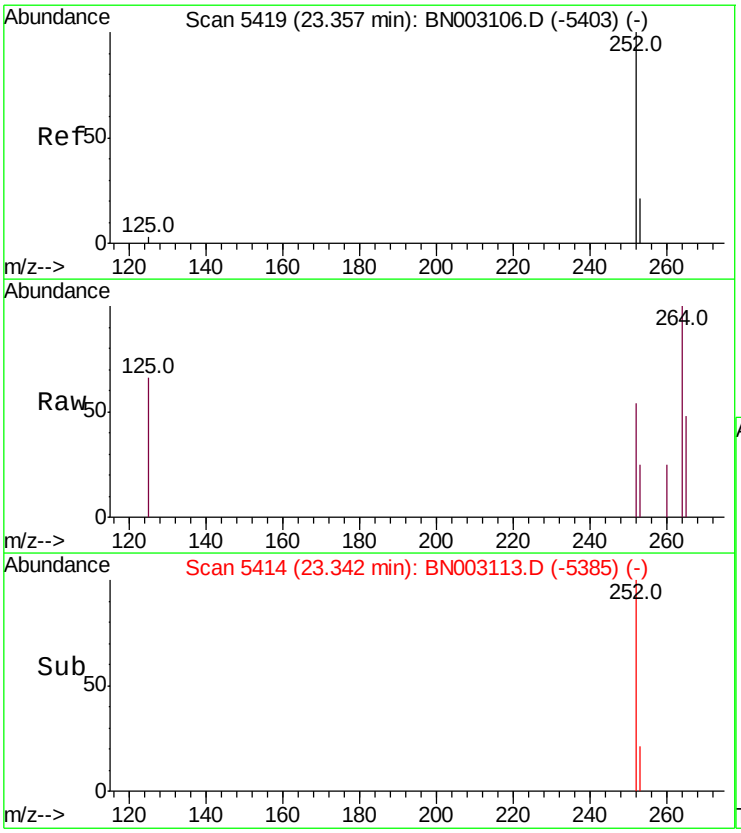
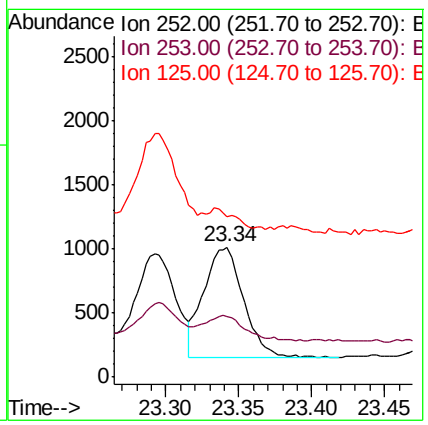
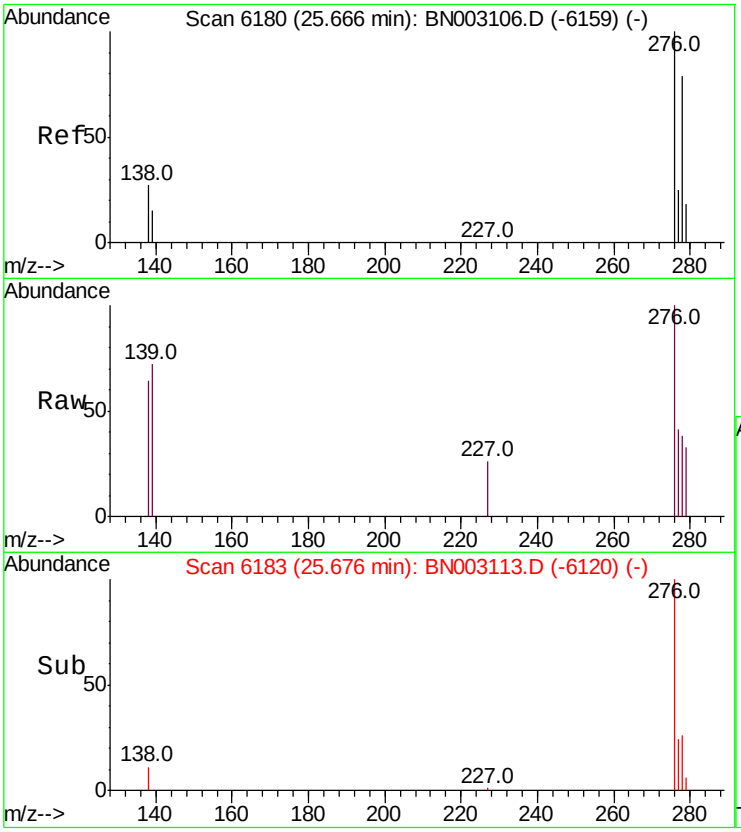


#23
Benzo(a)pyrene
Concen: 0.104 ng/ul
RT: 23.34 min Scan# 5414
Delta R.T. -0.01 min
Lab File: BN003113.D
Acq: 11 Oct 2018 21:12

Tgt Ion:252 Resp: 1652

Ion	Ratio	Lower	Upper
252	100		
253	46.9	23.1	34.7#
125	123.6	16.9	25.3#





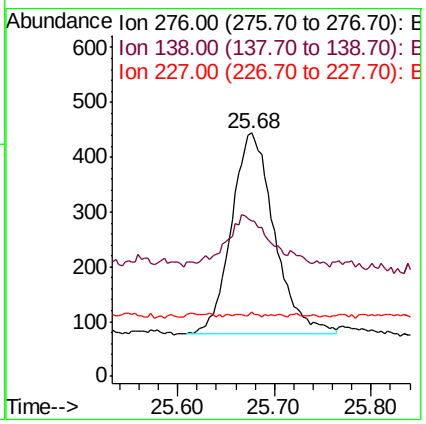
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.062 ng/ul
RT: 25.68 min Scan# 6183
Delta R.T. 0.01 min
Lab File: BN003113.D
Acq: 11 Oct 2018 21:12

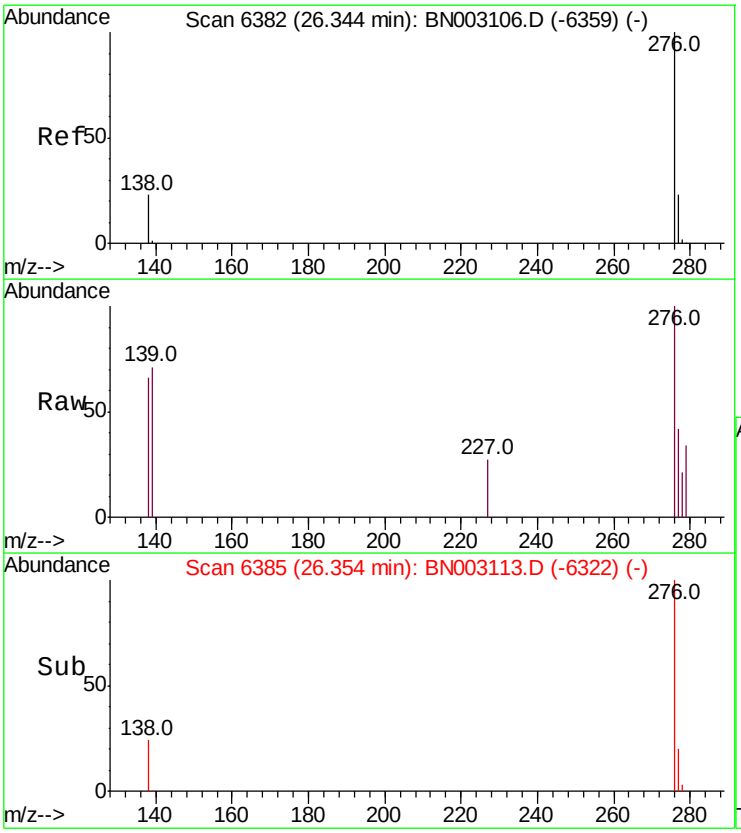
Tgt Ion:276 Resp: 1137

Ion	Ratio	Lower	Upper
276	100		
138	0.0	21.5	32.3#
227	0.3	0.3	0.5#

Instrument :
BNA_N
ClientSampleId :
A3YZ8

Manual Integrations APPROVED
Sohil
10/12/2018 6:38:21 PM





#26
Benzo(g,h,i)perylene
Concen: 0.069 ng/ul
RT: 26.35 min Scan# 6385
Delta R.T. 0.01 min
Lab File: BN003113.D
Acq: 11 Oct 2018 21:12

Tgt Ion:276 Resp: 1073

Ion	Ratio	Lower	Upper
276	100		
138	66.5	23.0	34.4#
277	41.8	22.0	33.0#