Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121018\
Data File : BN003795.D
Acq On : 11 Dec 2018 01:19
Operator : JU/SJ
Sample : J6077-15
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9Y31

Manual Integrations APPROVED
Sohil
12/11/2018 6:12:28 PM

Quant Time: Dec 11 05:01:38 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 11 04:22:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	6408	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	25190	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	11022m	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	24919m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	15324m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	17574m	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	7262m	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	15594m	0.21	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.68	128	405825	5.736	ng/ul	100
5) 2-Methylnaphthalene	12.29	142	141788	2.870	ng/ul	99
7) Acenaphthylene	14.19	152	14568	0.294	ng/ul#	1
8) Acenaphthene	14.53	153	20083	0.462	ng/ul#	88
9) Fluorene	15.52	166	18322	0.361	ng/ul#	65
12) Phenanthrene	17.25	178	171921m	2.102	ng/ul	
13) Anthracene	17.35	178	21858m	0.325	ng/ul	
15) Fluoranthene	19.27	202	44239m	0.458	ng/ul	
17) Pyrene	19.64	202	130391	2.372	ng/ul	97
18) Benzo(a)anthracene	21.38	228	31696m	0.655	ng/ul	
19) Chrysene	21.43	228	47109m	0.851	ng/ul	
21) Benzo(b)fluoranthene	23.02	252	35967m	0.495	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	6874m	0.097	ng/ul	
23) Benzo(a)pyrene	23.62	252	27370m	0.435	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.07	276	19928m	0.276	ng/ul	
25) Dibenzo(a,h)anthracene	26.07	278	8611m	0.148	ng/ul	
26) Benzo(g,h,i)perylene	26.80	276	56132	0.895	ng/ul#	69

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121018\
Data File : BN003795.D
Acq On : 11 Dec 2018 01:19
Operator : JU/SJ
Sample : J6077-15
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 11 05:01:38 2018
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Instrument :
BNA_N
ClientSampleId :
F9Y31

Manual Integrations APPROVED
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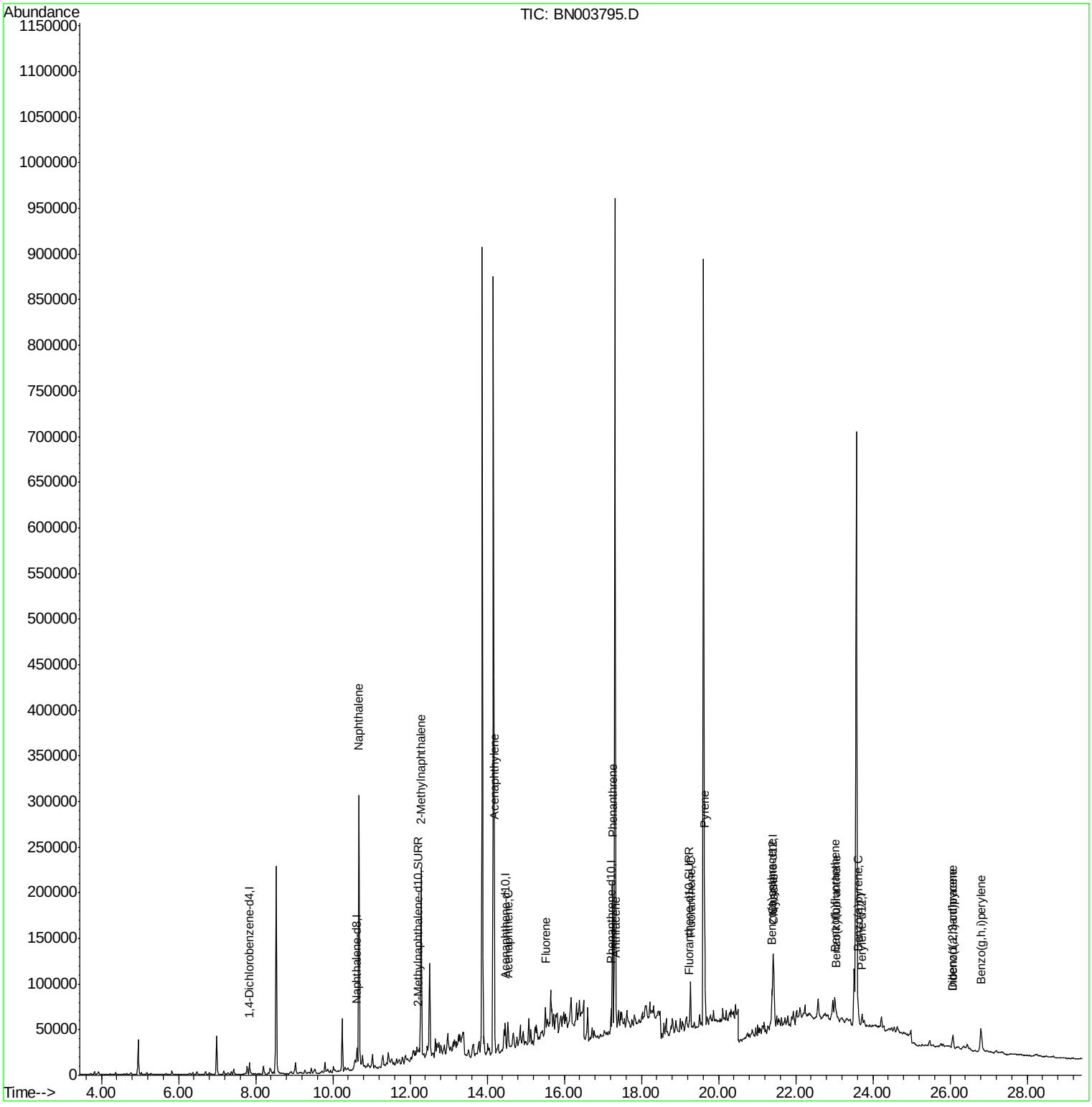
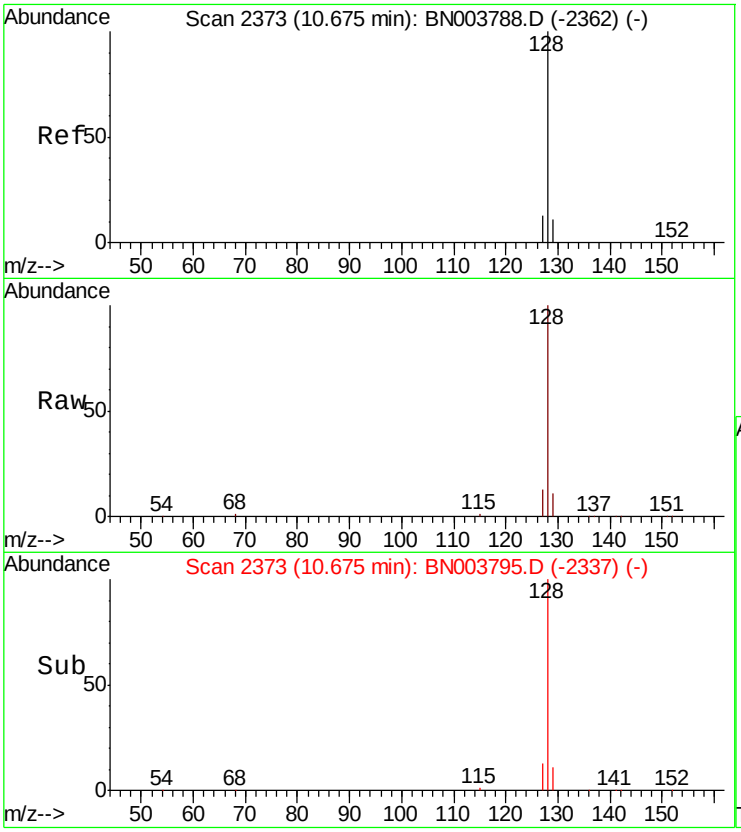
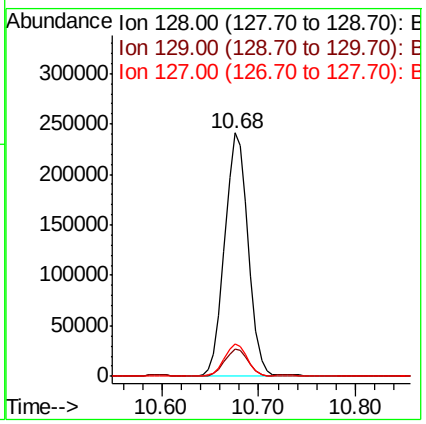




#3
Naphthalene
Concen: 5.736 ng/ul
RT: 10.68 min Scan# 2373
Delta R.T. -0.00 min
Lab File: BN003795.D
Acq: 11 Dec 2018 01:19

Tgt Ion:128 Resp: 405825

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.2	10.5	15.7



Instrument :
BNA_N
ClientSampleId :
F9Y31

Manual Integrations APPROVED
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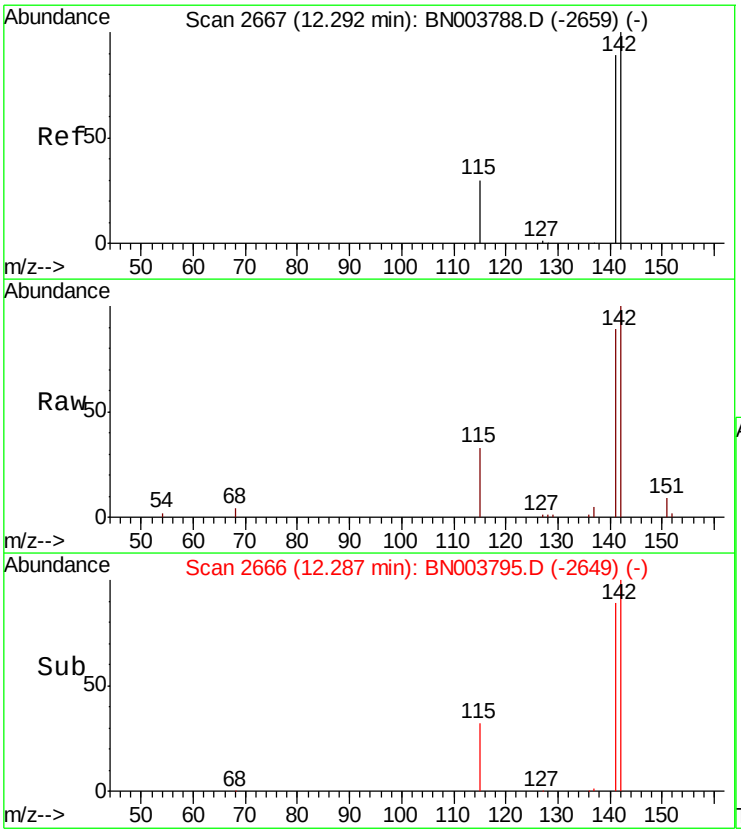
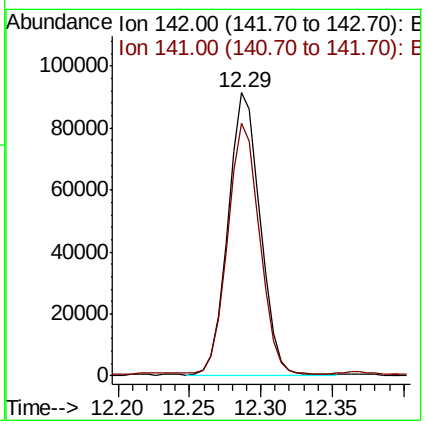
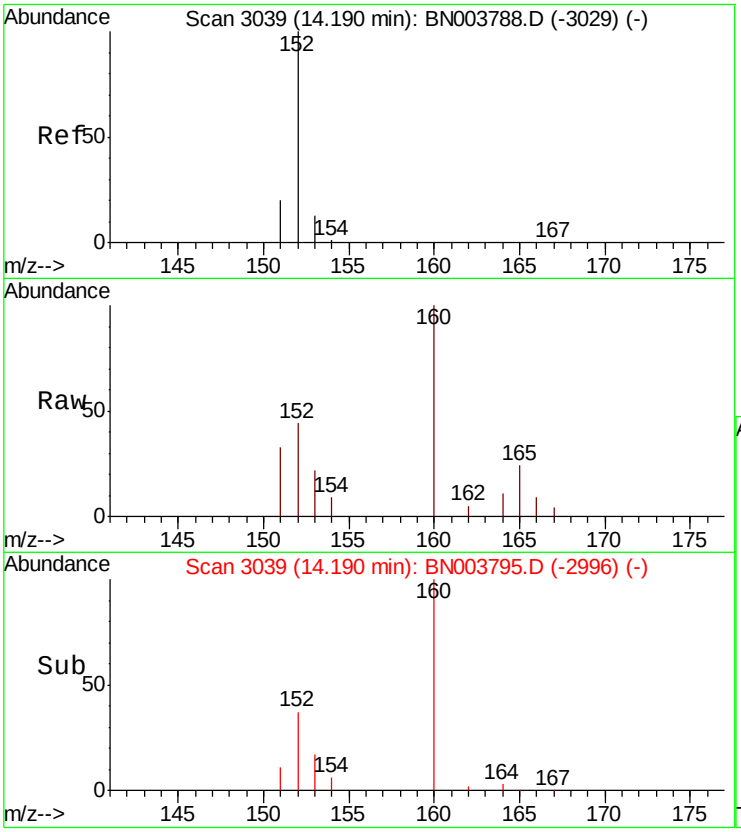


#5
2-Methylnaphthalene
Concen: 2.870 ng/ul
RT: 12.29 min Scan# 2666
Delta R.T. -0.01 min
Lab File: BN003795.D
Acq: 11 Dec 2018 01:19

Tgt Ion:142 Resp: 141788

Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.5	107.3





#7
Acenaphthylene
Concen: 0.294 ng/ul
RT: 14.19 min Scan# 3039
Delta R.T. -0.00 min
Lab File: BN003795.D
Acq: 11 Dec 2018 01:19

Tgt Ion:152 Resp: 14568

Ion	Ratio	Lower	Upper
152	100		
151	75.5	15.9	23.9#
153	49.0	10.7	16.1#

Instrument :
BNA_N
ClientSampleId :
F9Y31

Manual Integrations APPROVED
Sohil
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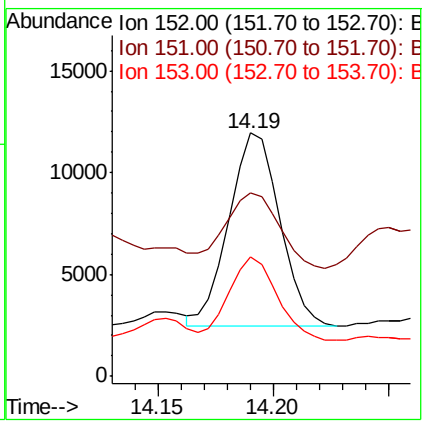
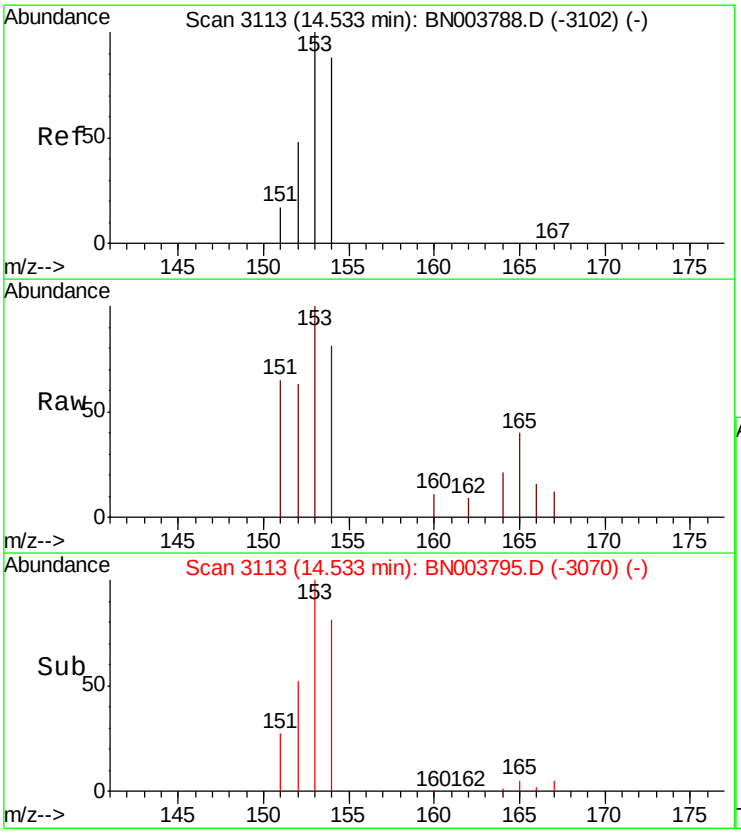
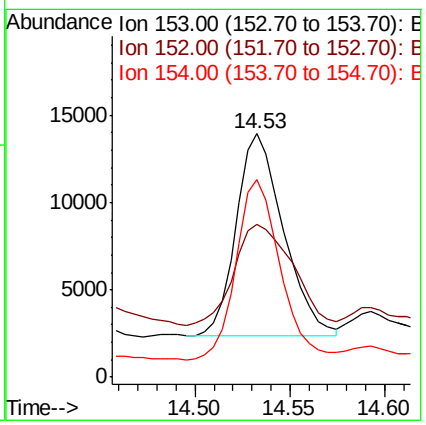


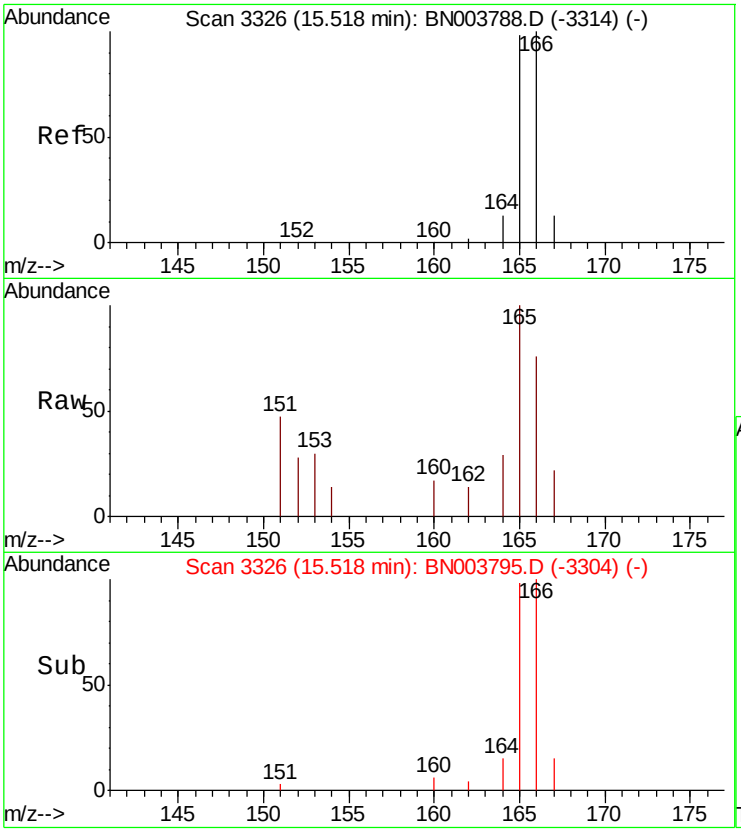


#8
Acenaphthene
Concen: 0.462 ng/ul
RT: 14.53 min Scan# 3113
Delta R.T. -0.00 min
Lab File: BN003795.D
Acq: 11 Dec 2018 01:19

Tgt Ion:153 Resp: 20083

Ion	Ratio	Lower	Upper
153	100		
152	62.7	39.3	58.9#
154	80.9	70.3	105.5

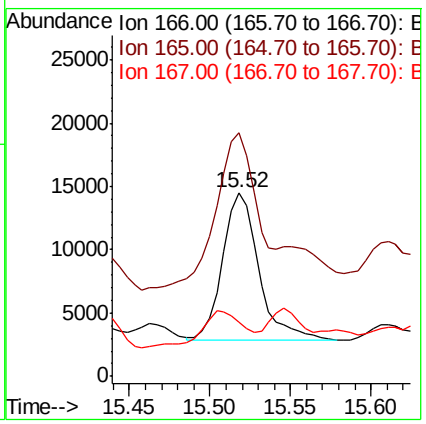




#9
Fluorene
Concen: 0.361 ng/ul
RT: 15.52 min Scan# 3326
Delta R.T. -0.00 min
Lab File: BN003795.D
Acq: 11 Dec 2018 01:19

Tgt Ion:166 Resp: 18322

Ion	Ratio	Lower	Upper
166	100		
165	132.3	78.3	117.5#
167	29.3	11.3	16.9#



Instrument :
BNA_N
ClientSampleId :
F9Y31

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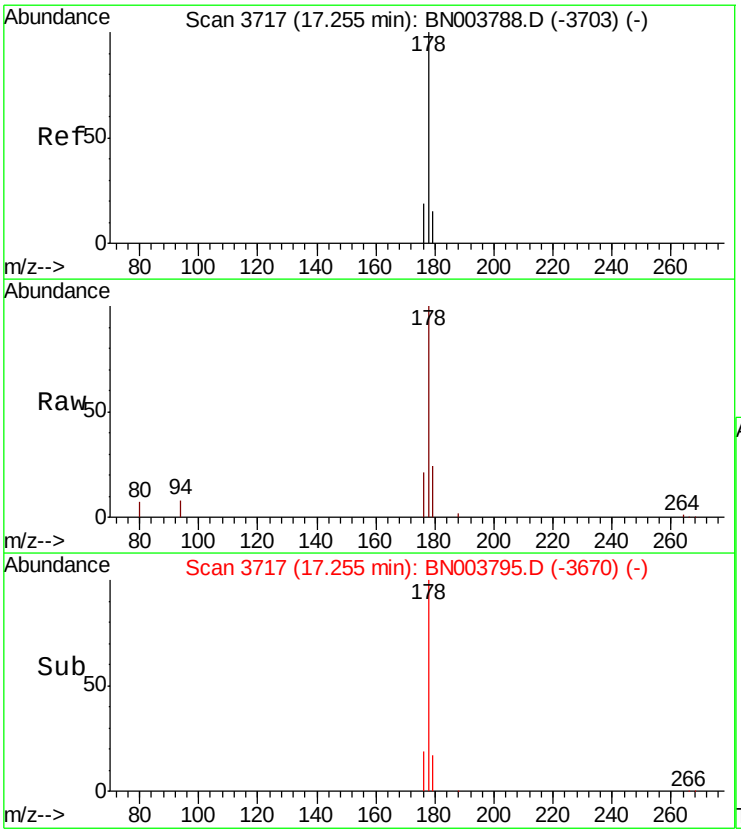
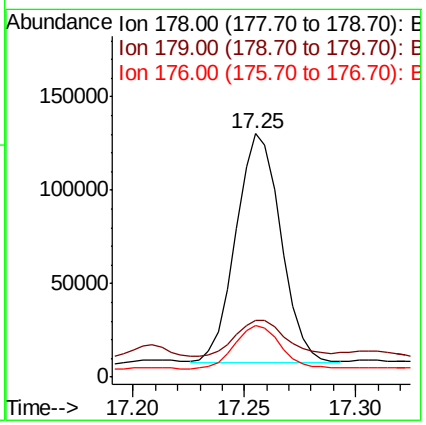
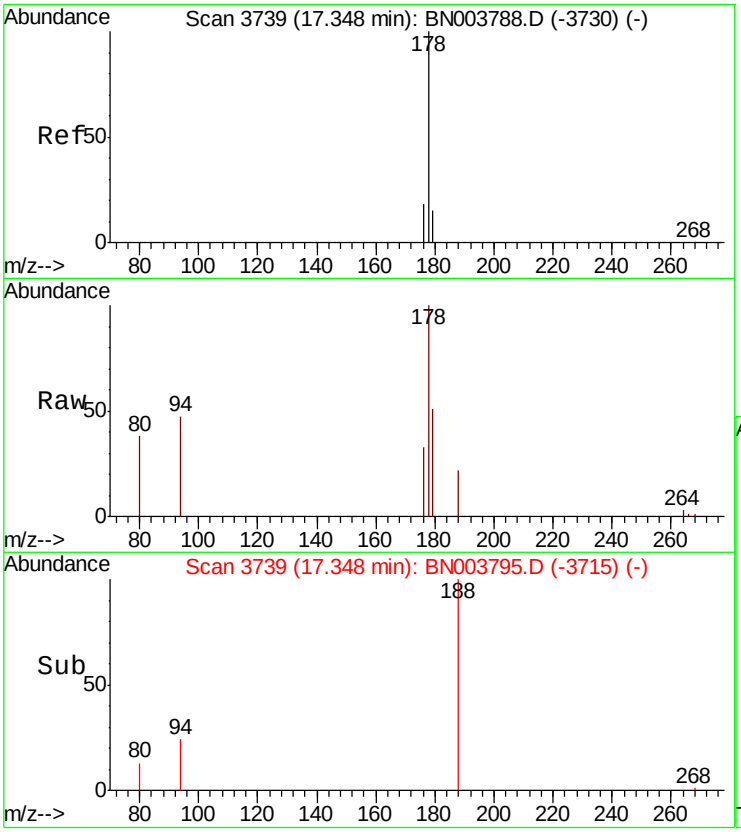


#12
Phenanthrene
Concen: 2.102 ng/ul m
RT: 17.25 min Scan# 3717
Delta R.T. -0.00 min
Lab File: BN003795.D
Acq: 11 Dec 2018 01:19

Tgt Ion:178 Resp: 171921

Ion	Ratio	Lower	Upper
178	100		
179	23.5	12.5	18.7#
176	21.1	15.0	22.4





#13
Anthracene
Concen: 0.325 ng/ul m
RT: 17.35 min Scan# 3739
Delta R.T. -0.00 min
Lab File: BN003795.D
Acq: 11 Dec 2018 01:19

Tgt Ion:178 Resp: 21858

Ion	Ratio	Lower	Upper
178	100		
179	51.0	12.3	18.5#
176	32.9	14.8	22.2#

Instrument :
BNA_N
ClientSampleId :
F9Y31

Manual Integrations APPROVED
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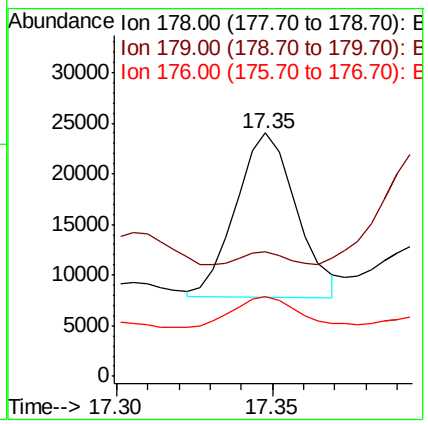
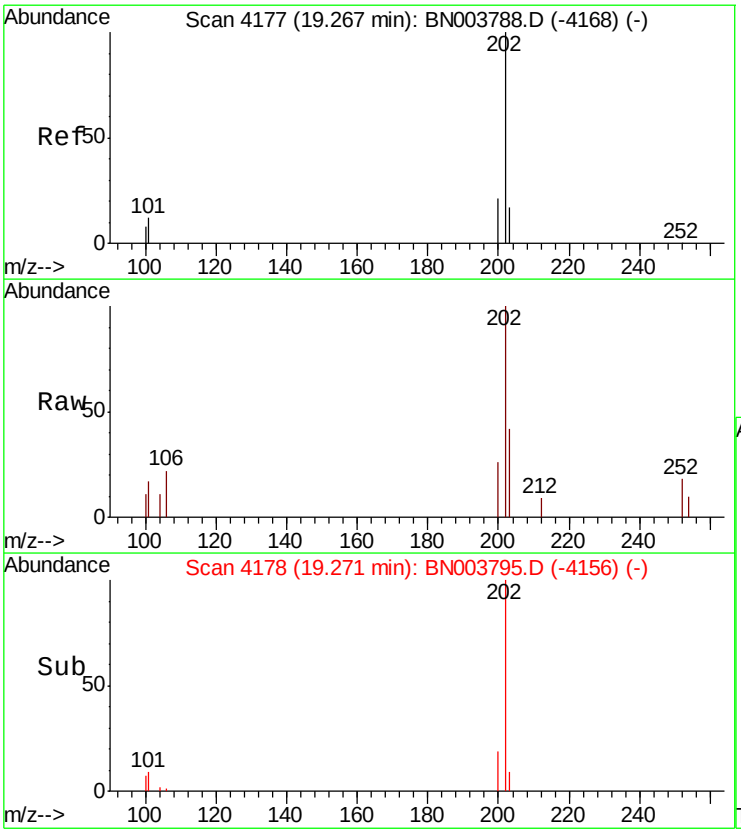
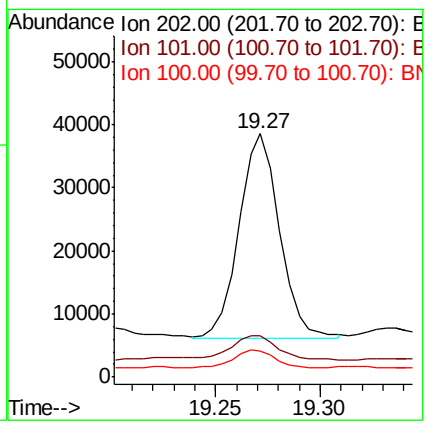


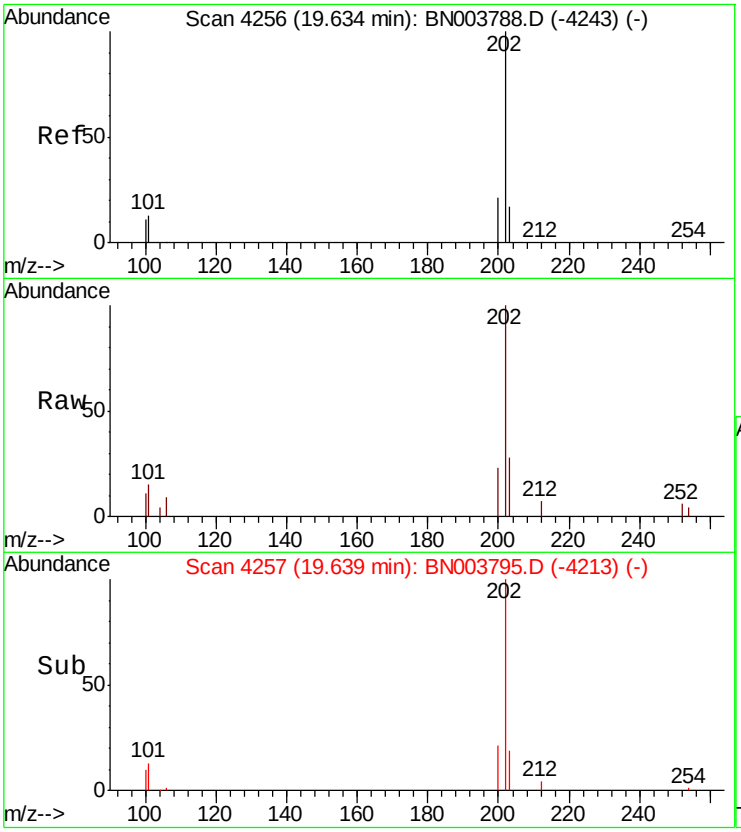


#15
Fluoranthene
Concen: 0.458 ng/ul m
RT: 19.27 min Scan# 4178
Delta R.T. 0.00 min
Lab File: BN003795.D
Acq: 11 Dec 2018 01:19

Tgt Ion:202 Resp: 44239

Ion	Ratio	Lower	Upper
202	100		
101	17.1	0.0	30.7
100	10.8	0.0	28.1





#17
Pyrene
Concen: 2.372 ng/ul
RT: 19.64 min Scan# 4257
Delta R.T. 0.00 min
Lab File: BN003795.D
Acq: 11 Dec 2018 01:19

Tgt Ion:202 Resp: 130391

Ion	Ratio	Lower	Upper
202	100		
101	15.1	10.3	15.5
100	10.6	8.5	12.7

Instrument :
BNA_N
ClientSampleId :
F9Y31

Manual Integrations APPROVED
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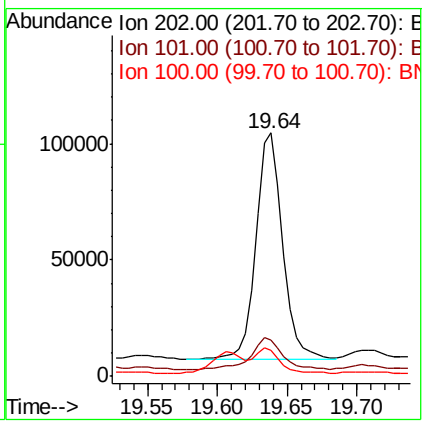
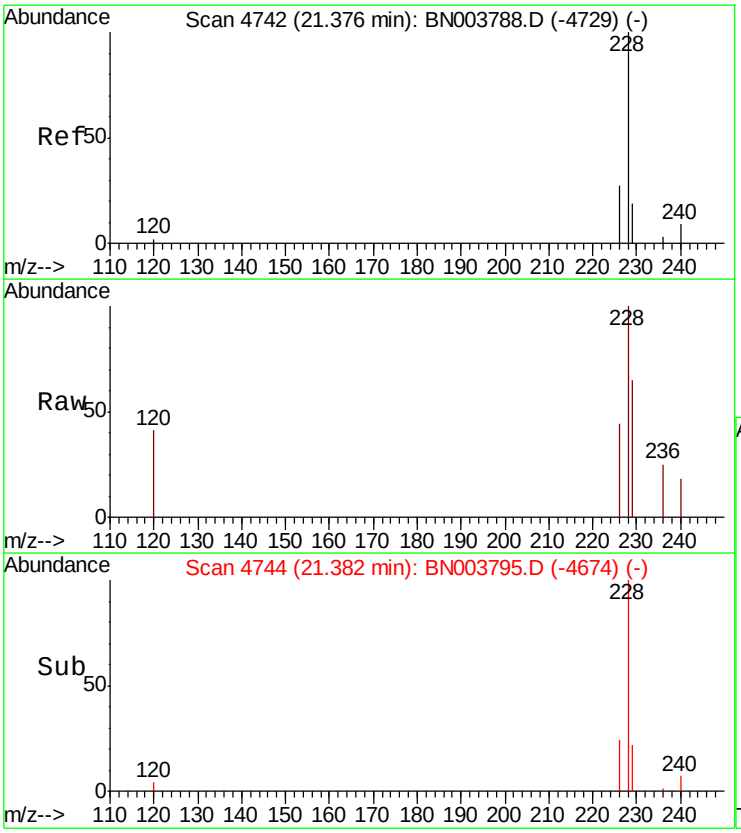
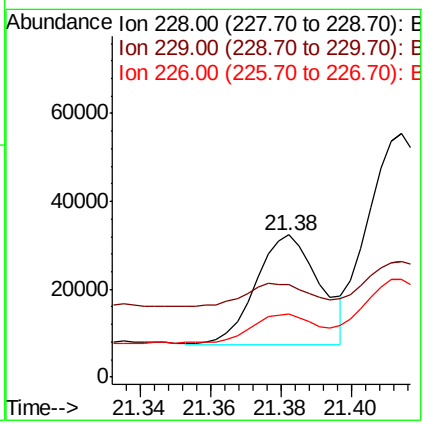


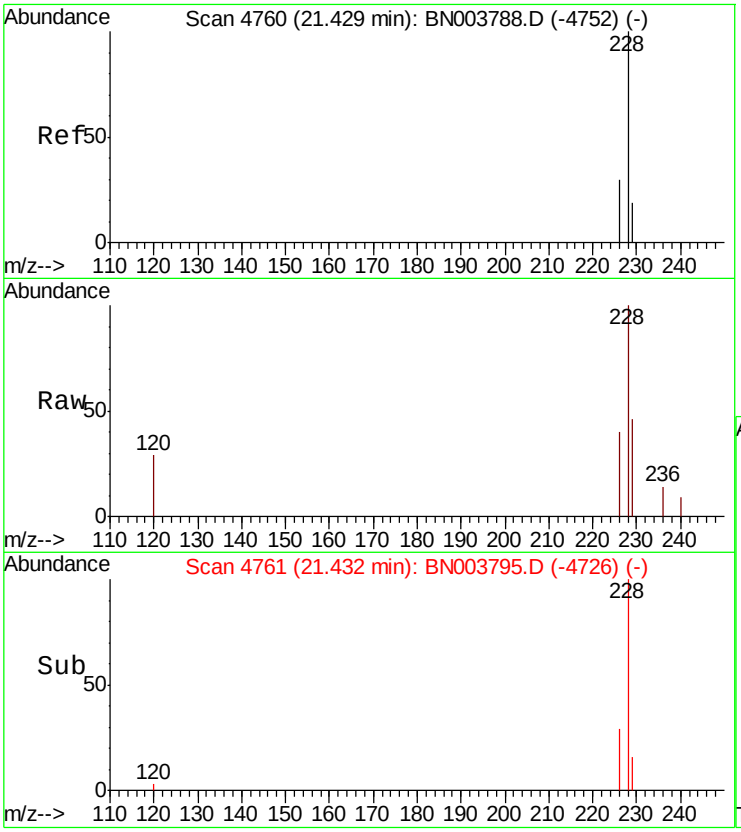


#18
Benzo(a)anthracene
Concen: 0.655 ng/ul m
RT: 21.38 min Scan# 4744
Delta R.T. 0.01 min
Lab File: BN003795.D
Acq: 11 Dec 2018 01:19

Tgt Ion:228 Resp: 31696

Ion	Ratio	Lower	Upper
228	100		
229	64.8	15.6	23.4#
226	44.0	21.1	31.7#

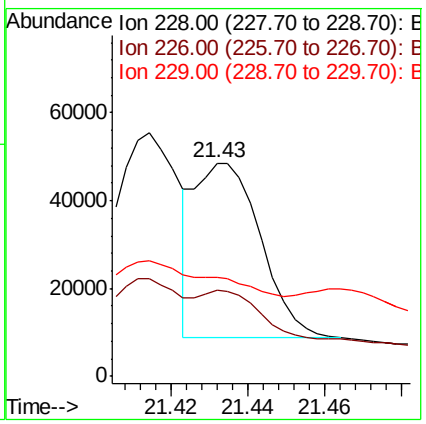




#19
Chrysene
Concen: 0.851 ng/ul m
RT: 21.43 min Scan# 4761
Delta R.T. 0.00 min
Lab File: BN003795.D
Acq: 11 Dec 2018 01:19

Tgt Ion:228 Resp: 47109

Ion	Ratio	Lower	Upper
228	100		
226	40.3	24.0	36.0#
229	46.4	15.7	23.5#



Instrument :
BNA_N
ClientSampleId :
F9Y31

Manual Integrations APPROVED
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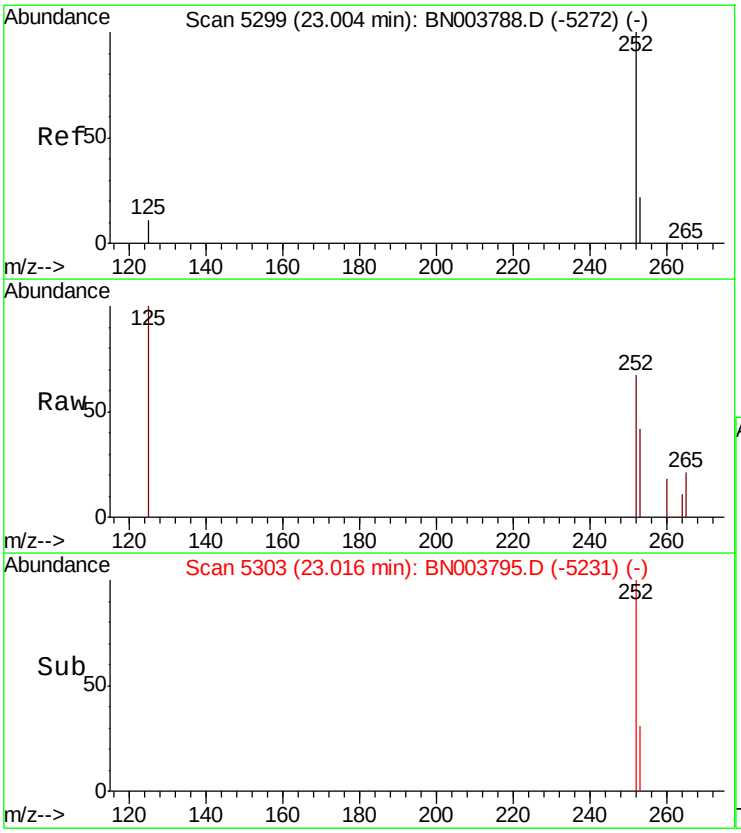
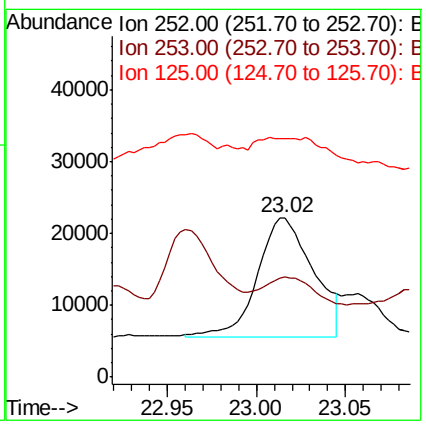
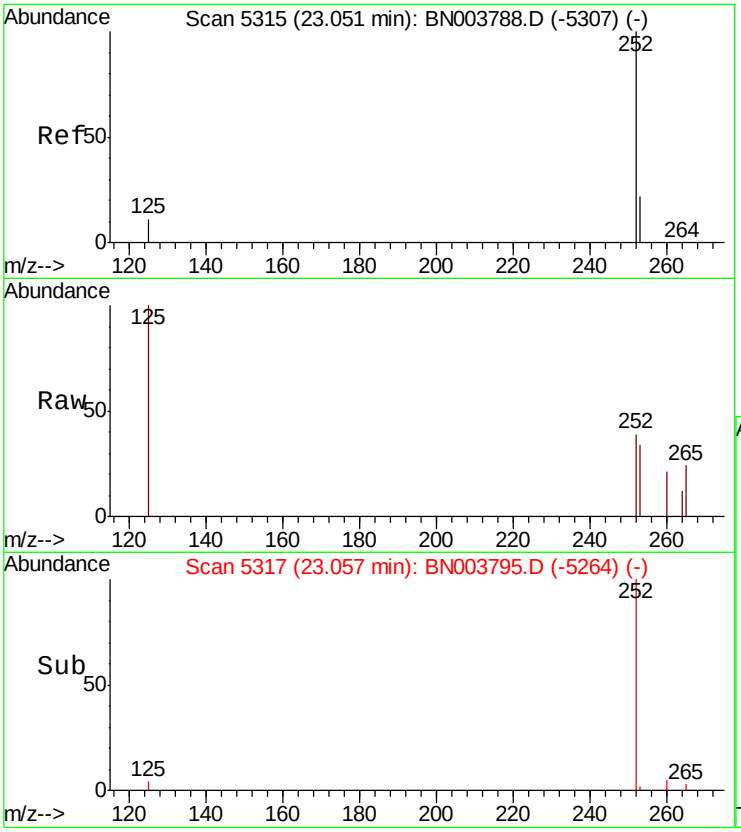


#21
Benzo(b)fluoranthene
Concen: 0.495 ng/ul m
RT: 23.02 min Scan# 5303
Delta R.T. 0.01 min
Lab File: BN003795.D
Acq: 11 Dec 2018 01:19

Tgt Ion:252 Resp: 35967

Ion	Ratio	Lower	Upper
252	100		
253	63.0	0.0	46.0#
125	150.3	0.0	22.4#





#22
Benzo(k)fluoranthene
Concen: 0.097 ng/ul m
RT: 23.06 min Scan# 5317
Delta R.T. 0.01 min
Lab File: BN003795.D
Acq: 11 Dec 2018 01:19

Tgt Ion:252 Resp: 6874

Ion	Ratio	Lower	Upper
252	100		
253	88.0	18.5	27.7#
125	258.4	9.0	13.6#

Instrument :
BNA_N
ClientSampleId :
F9Y31

Manual Integrations APPROVED
Sohil
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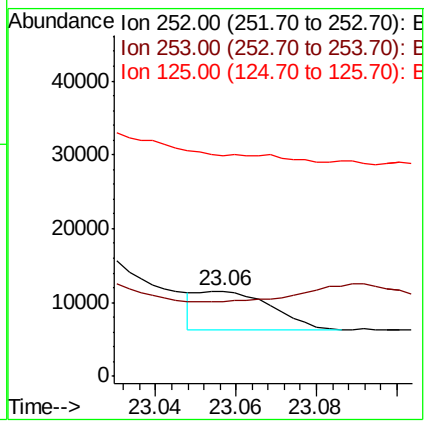
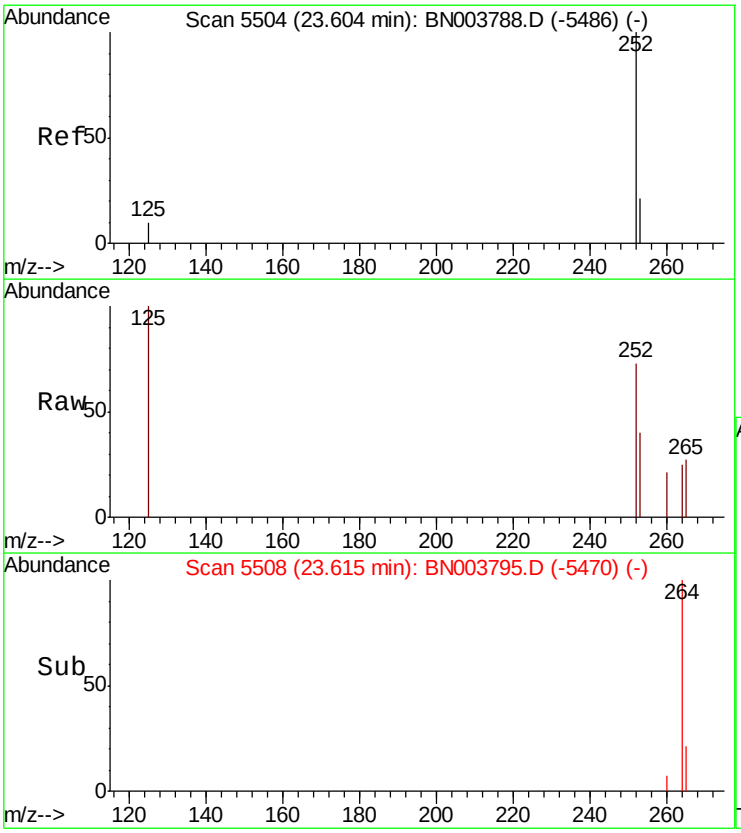
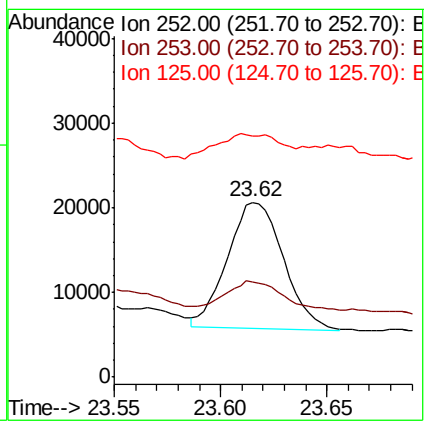


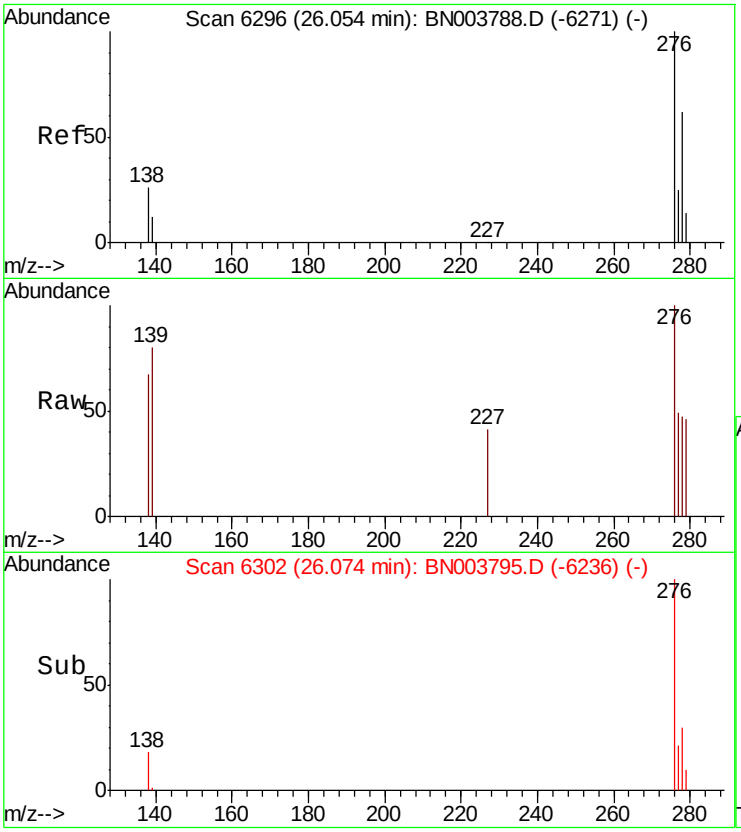


#23
Benzo(a)pyrene
Concen: 0.435 ng/ul m
RT: 23.62 min Scan# 5508
Delta R.T. 0.01 min
Lab File: BN003795.D
Acq: 11 Dec 2018 01:19

Tgt Ion:252 Resp: 27370

Ion	Ratio	Lower	Upper
252	100		
253	54.5	19.0	28.4#
125	137.7	10.2	15.4#





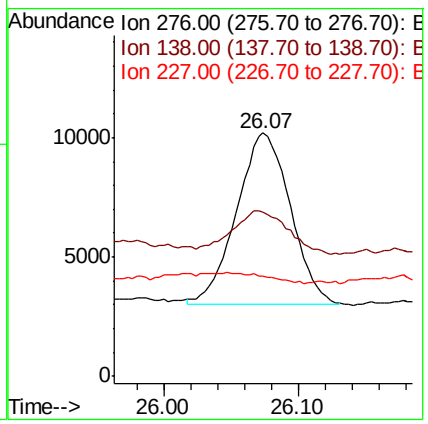
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.276 ng/ul m
RT: 26.07 min Scan# 6302
Delta R.T. 0.02 min
Lab File: BN003795.D
Acq: 11 Dec 2018 01:19

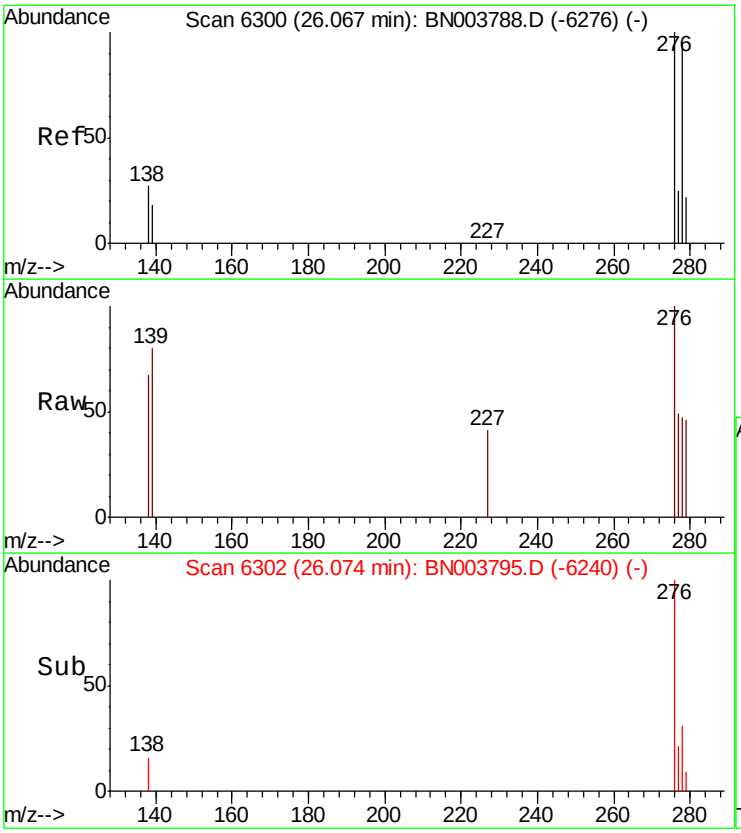
Instrument :
BNA_N
ClientSampleId :
F9Y31

Manual Integrations APPROVED
Sohil
12/11/2018 6:12:28 PM

Tgt Ion:276 Resp: 19928

Ion	Ratio	Lower	Upper
276	100		
138	5.5	20.3	30.5#
227	0.8	0.2	0.2#

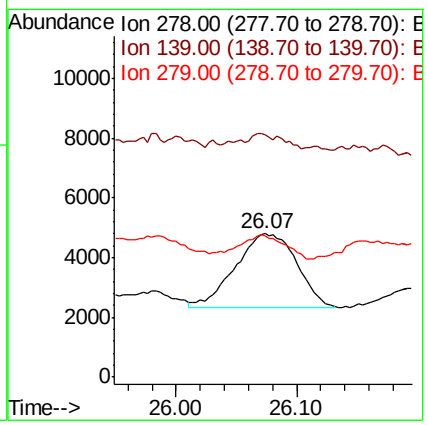


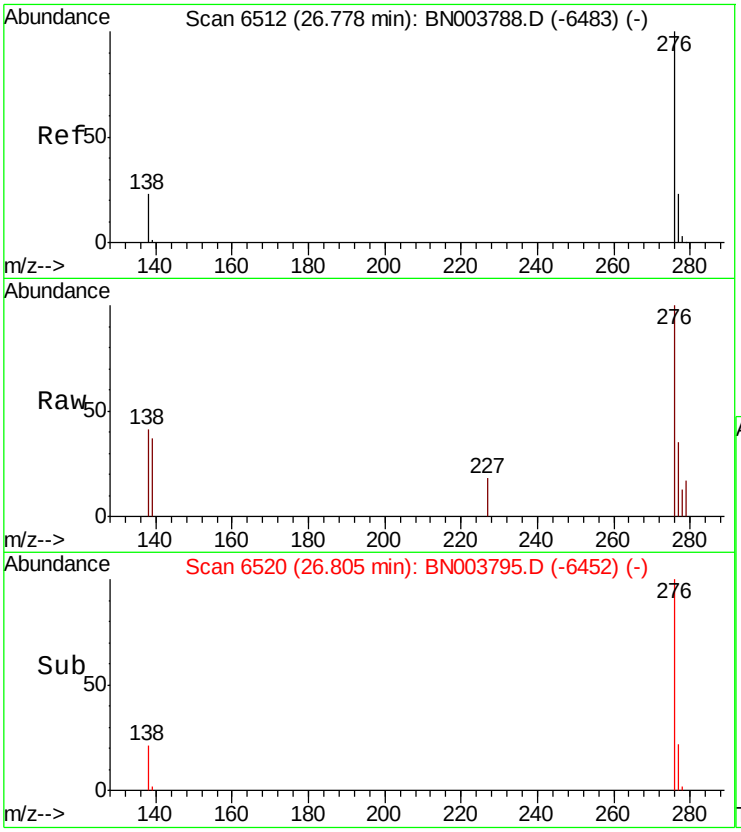


#25
Dibenzo(a,h)anthracene
Concen: 0.148 ng/ul m
RT: 26.07 min Scan# 6302
Delta R.T. 0.01 min
Lab File: BN003795.D
Acq: 11 Dec 2018 01:19

Tgt Ion:278 Resp: 8611

Ion	Ratio	Lower	Upper
278	100		
139	169.0	14.2	21.4#
279	98.3	19.8	29.6#

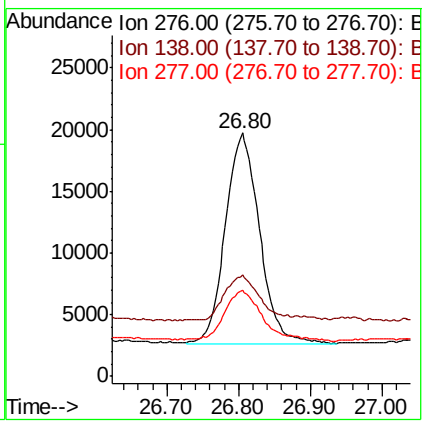




#26
Benzo(g,h,i)perylene
Concen: 0.895 ng/ul
RT: 26.80 min Scan# 6520
Delta R.T. 0.03 min
Lab File: BN003795.D
Acq: 11 Dec 2018 01:19

Tgt Ion:276 Resp: 56132

Ion	Ratio	Lower	Upper
276	100		
138	41.5	17.7	26.5#
277	35.1	19.3	28.9#



Instrument :
BNA_N
ClientSampleId :
F9Y31

Manual Integrations APPROVED
Sohil
12/11/2018 6:12:28 PM