Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121018\
Data File : BN003794.D
Acq On : 11 Dec 2018 00:44
Operator : JU/SJ
Sample : J6077-14DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9Y30DL

Manual Integrations APPROVED
Sohil
12/11/2018 6:12:27 PM

Quant Time: Dec 11 04:54:48 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	6022	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	24355	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	12346	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	26669	0.40	ng/ul	0.00
16) Chrysene-d12	21.39	240	19847	0.40	ng/ul	0.00
20) Perylene-d12	23.70	264	17917	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	2104	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.23	212	4207	0.05	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.68	128	15302	0.224	ng/ul	98
5) 2-Methylnaphthalene	12.29	142	26666	0.558	ng/ul	100
7) Acenaphthylene	14.19	152	1310	0.024	ng/ul#	53
8) Acenaphthene	14.53	153	1638	0.034	ng/ul	93
9) Fluorene	15.52	166	1608	0.028	ng/ul#	90
12) Phenanthrene	17.26	178	62738	0.717	ng/ul	100
13) Anthracene	17.34	178	7166	0.100	ng/ul#	95
15) Fluoranthene	19.27	202	21362	0.207	ng/ul	95
17) Pyrene	19.63	202	59011	0.829	ng/ul	97
18) Benzo(a)anthracene	21.37	228	18321	0.292	ng/ul#	85
19) Chrysene	21.43	228	32576	0.454	ng/ul#	92
21) Benzo(b)fluoranthene	23.00	252	16437m	0.222	ng/ul	
22) Benzo(k)fluoranthene	23.05	252	5278m	0.073	ng/ul	
23) Benzo(a)pyrene	23.60	252	13912	0.217	ng/ul#	67
24) Indeno(1,2,3-cd)pyrene	26.05	276	8205	0.111	ng/ul#	99
25) Dibenzo(a,h)anthracene	26.05	278	3412	0.058	ng/ul#	6
26) Benzo(g,h,i)perylene	26.77	276	16536	0.259	ng/ul#	85

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121018\
Data File : BN003794.D
Acq On : 11 Dec 2018 00:44
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 11 04:22:54 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9Y30DL

Manual Integrations APPROVED
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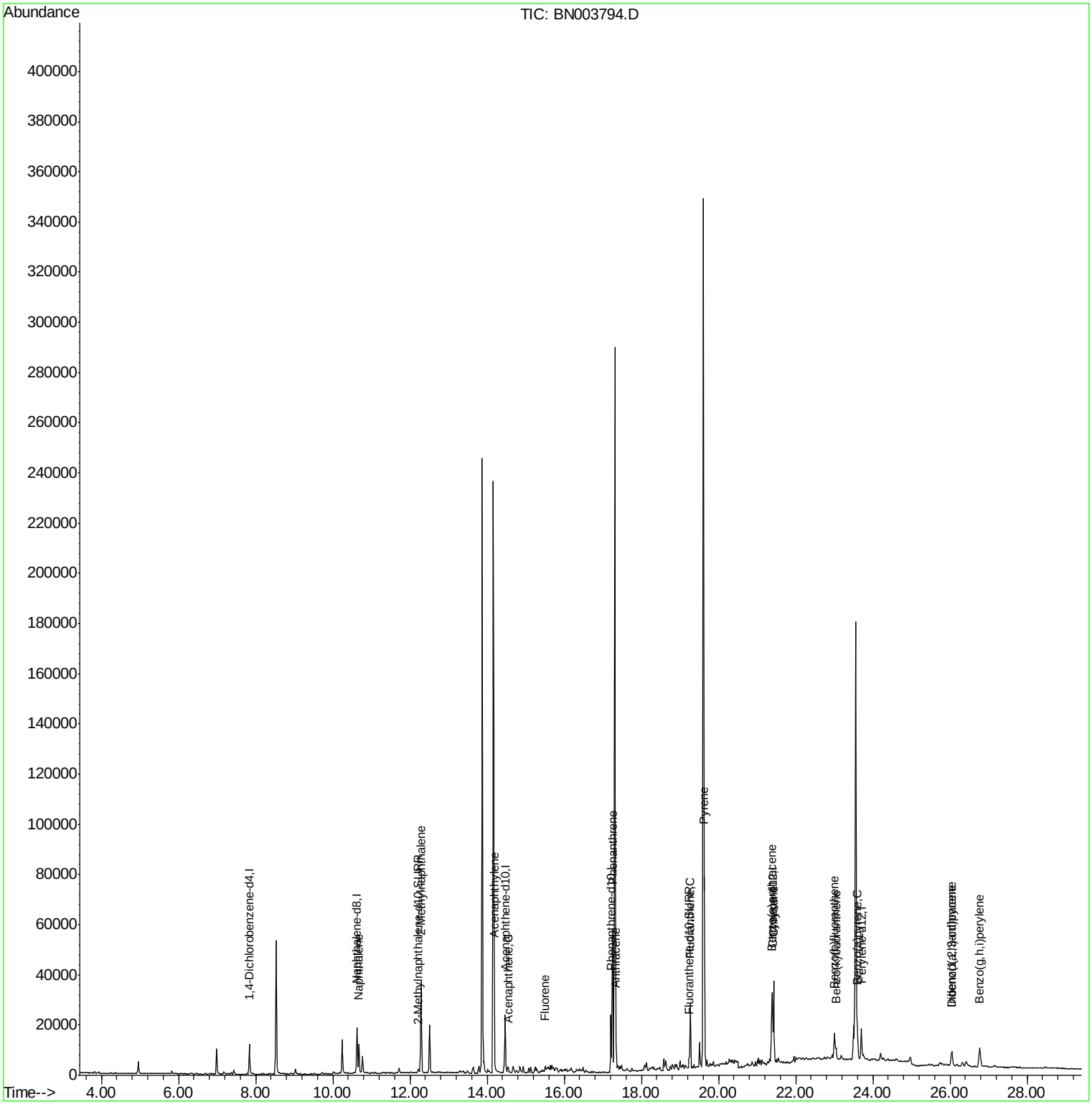
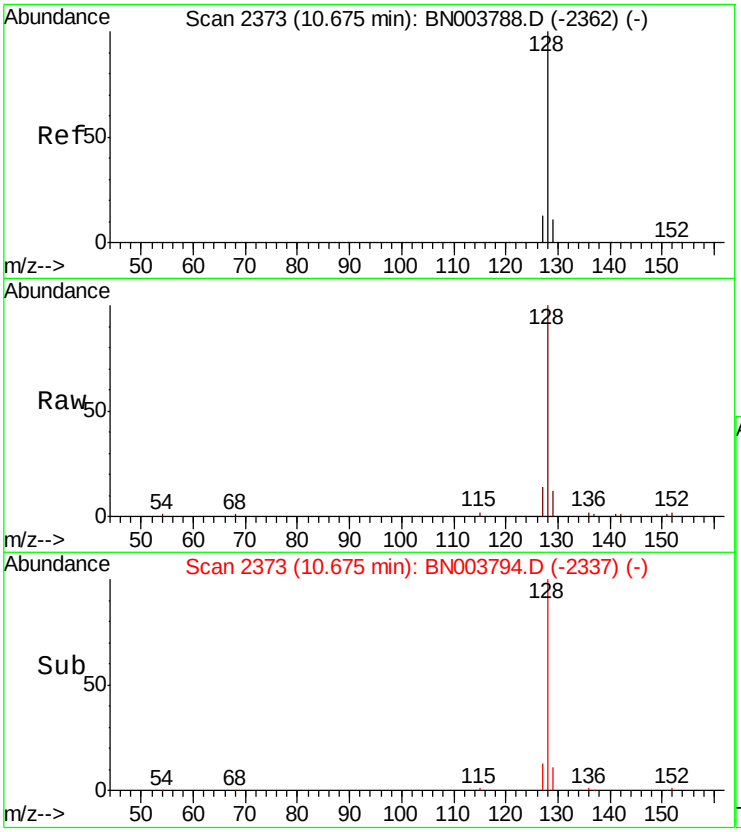
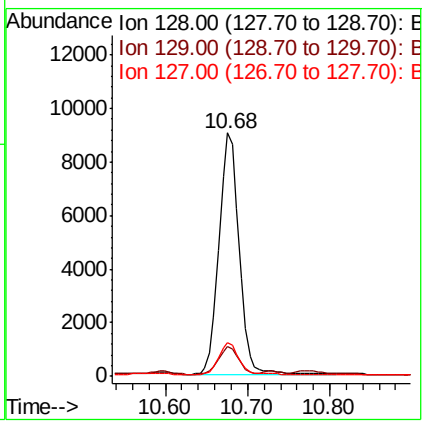




#3
Naphthalene
Concen: 0.224 ng/ul
RT: 10.68 min Scan# 2373
Delta R.T. 0.00 min
Lab File: BN003794.D
Acq: 11 Dec 2018 00:44

Tgt Ion:128 Resp: 15302

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.0	13.6
127	13.6	10.5	15.7



Instrument :
BNA_N
ClientSampleId :
F9Y30DL

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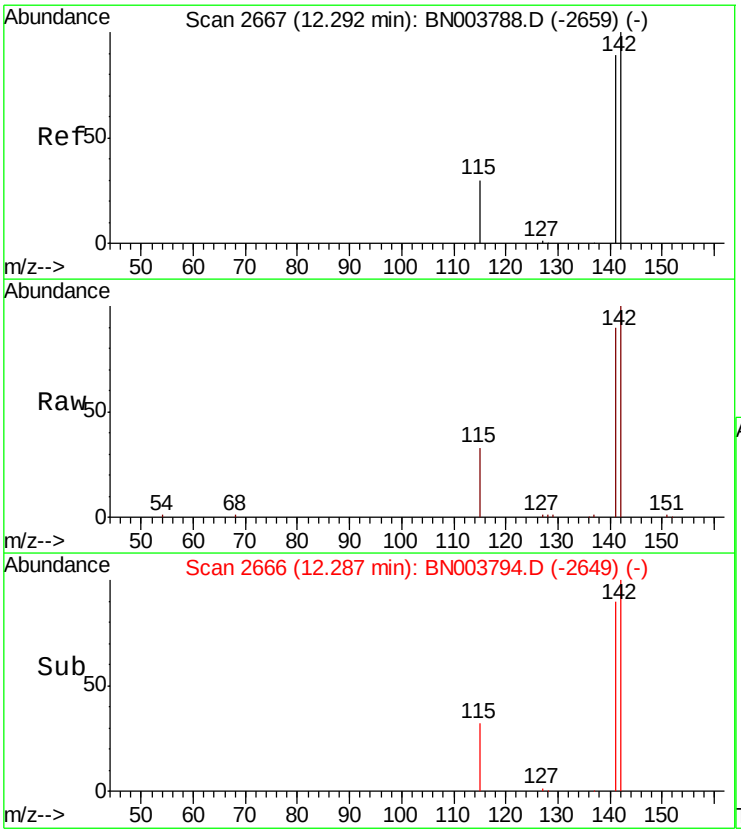
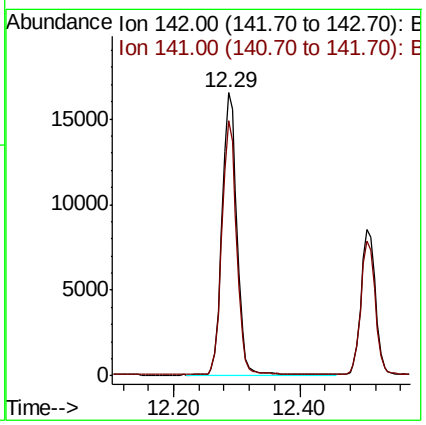
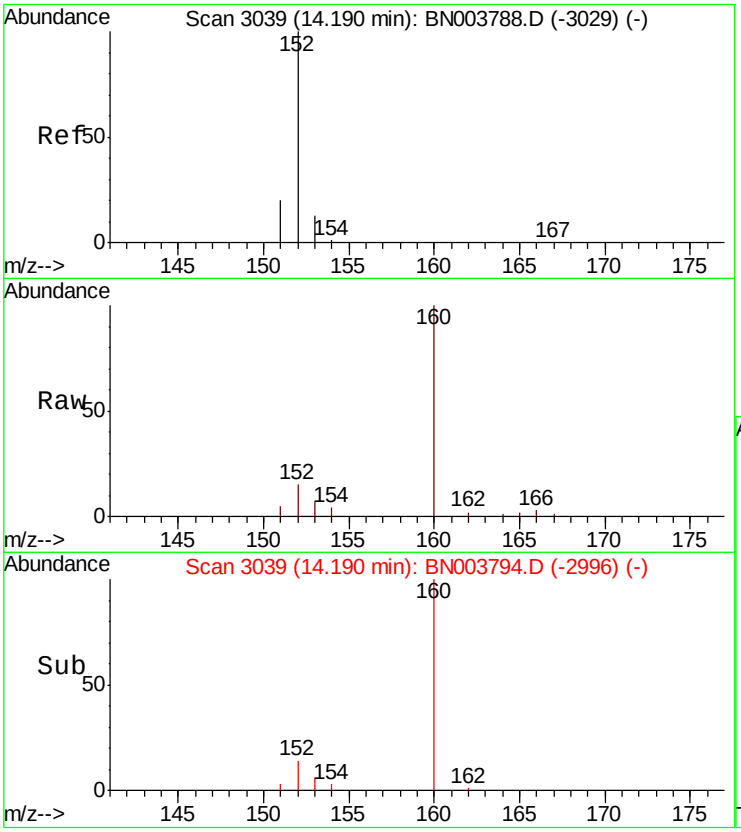


#5
2-Methylnaphthalene
Concen: 0.558 ng/ul
RT: 12.29 min Scan# 2666
Delta R.T. -0.01 min
Lab File: BN003794.D
Acq: 11 Dec 2018 00:44

Tgt Ion:142 Resp: 26666

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.5	107.3





#7
Acenaphthylene
Concen: 0.024 ng/ul
RT: 14.19 min Scan# 3039
Delta R.T. 0.00 min
Lab File: BN003794.D
Acq: 11 Dec 2018 00:44

Tgt Ion:152 Resp: 1310

Ion	Ratio	Lower	Upper
152	100		
151	30.7	15.9	23.9#
153	46.7	10.7	16.1#

Instrument :
BNA_N
ClientSampleId :
F9Y30DL

Manual Integrations APPROVED
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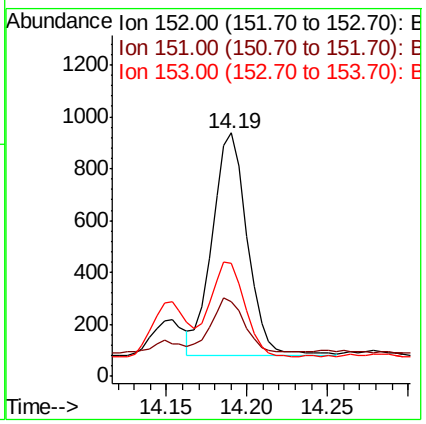
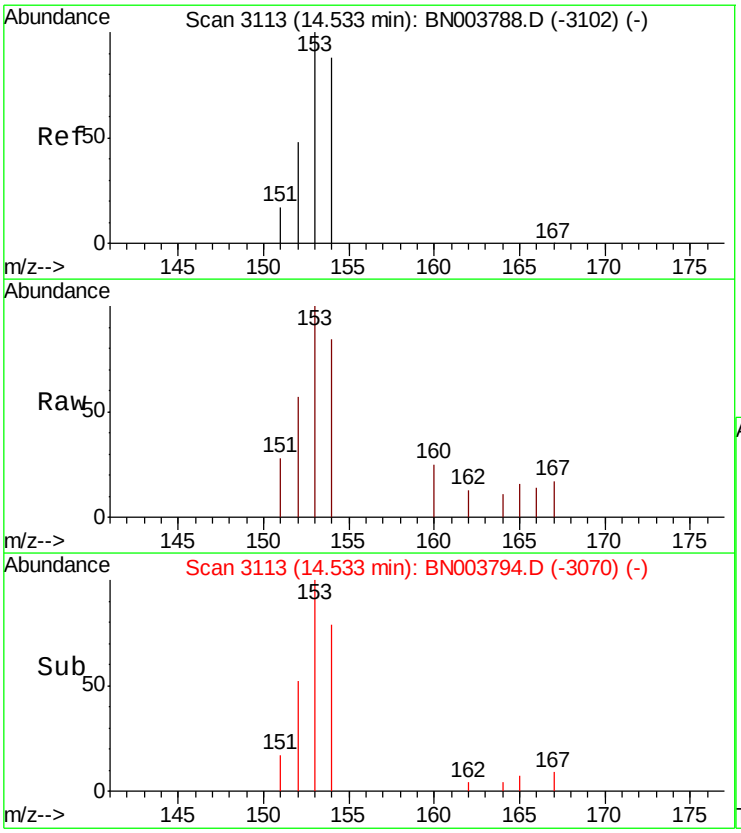
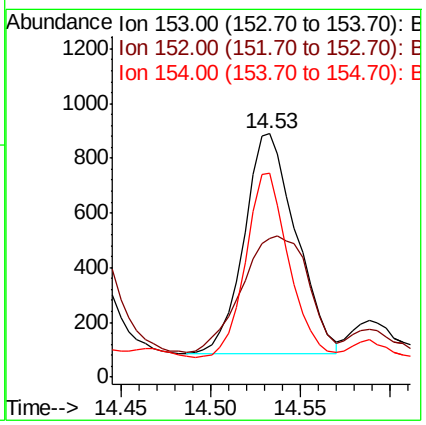


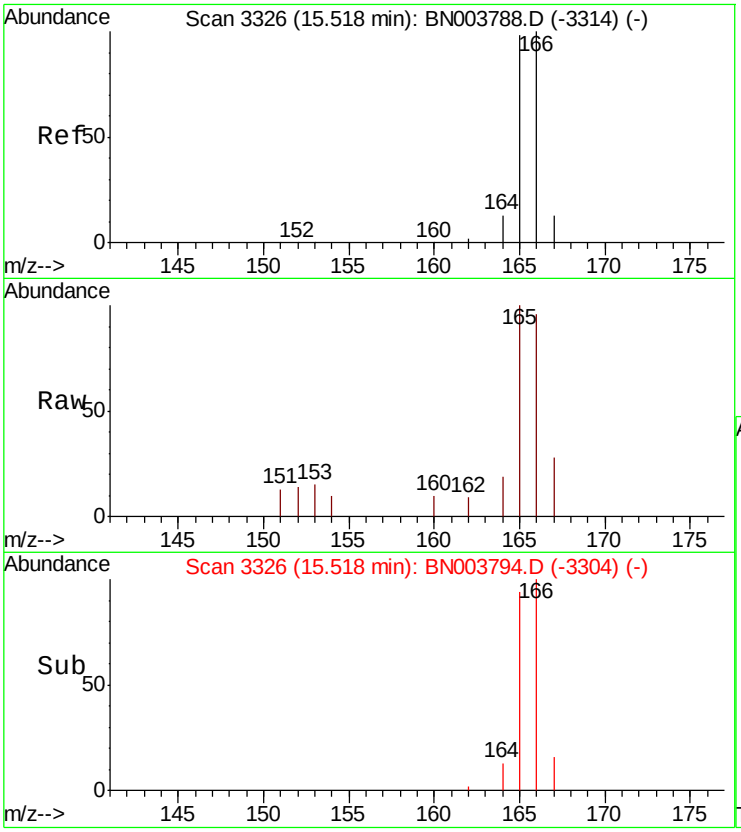


#8
Acenaphthene
Concen: 0.034 ng/ul
RT: 14.53 min Scan# 3113
Delta R.T. 0.00 min
Lab File: BN003794.D
Acq: 11 Dec 2018 00:44

Tgt Ion:153 Resp: 1638

Ion	Ratio	Lower	Upper
153	100		
152	57.0	39.3	58.9
154	83.6	70.3	105.5

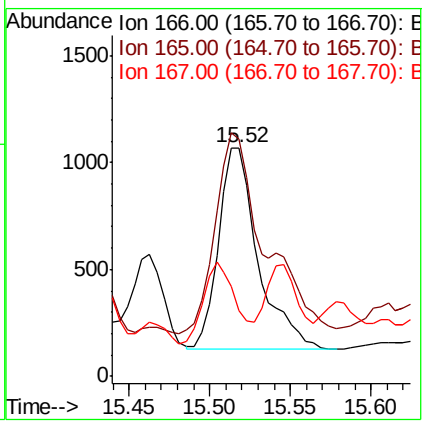




#9
Fluorene
Concen: 0.028 ng/ul
RT: 15.52 min Scan# 3326
Delta R.T. 0.00 min
Lab File: BN003794.D
Acq: 11 Dec 2018 00:44

Tgt Ion:166 Resp: 1608

Ion	Ratio	Lower	Upper
166	100		
165	103.8	78.3	117.5
167	28.6	11.3	16.9#



Instrument :
BNA_N
ClientSampleId :
F9Y30DL

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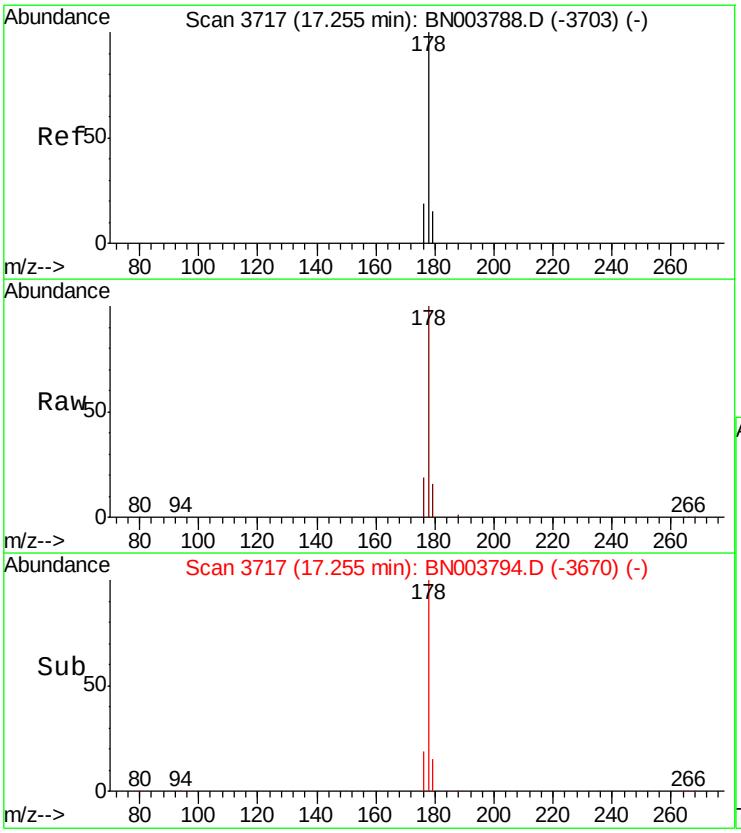
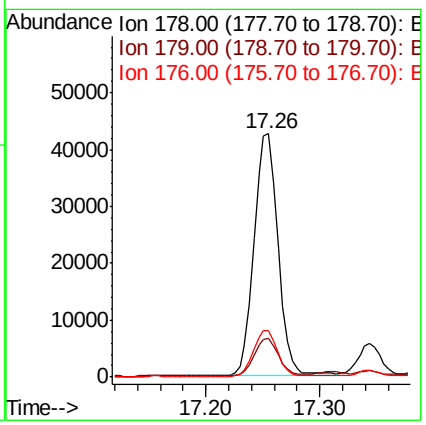
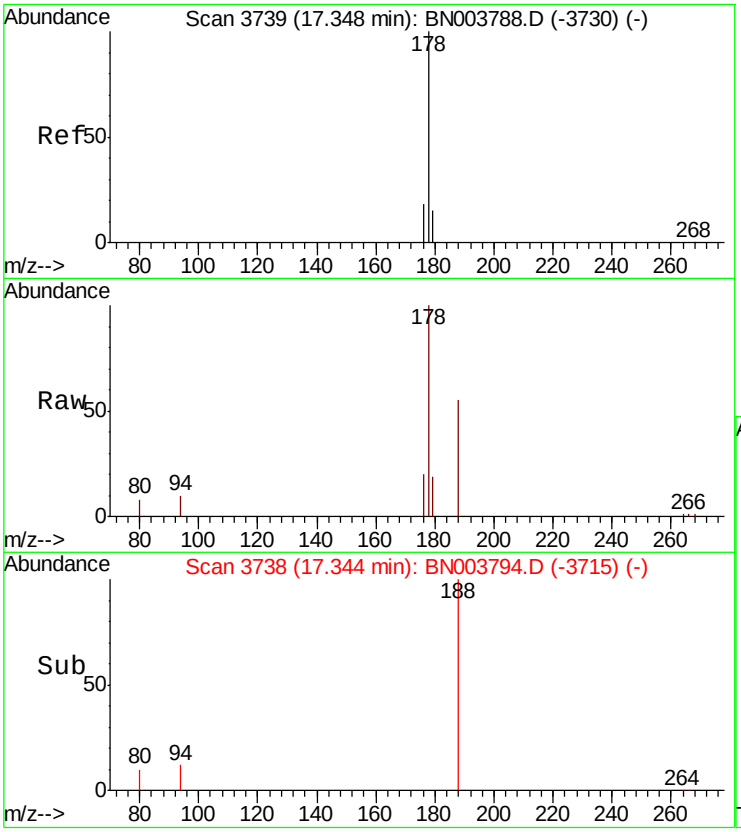


#12
Phenanthrene
Concen: 0.717 ng/ul
RT: 17.26 min Scan# 3717
Delta R.T. 0.00 min
Lab File: BN003794.D
Acq: 11 Dec 2018 00:44

Tgt Ion:178 Resp: 62738

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.5	18.7
176	18.9	15.0	22.4

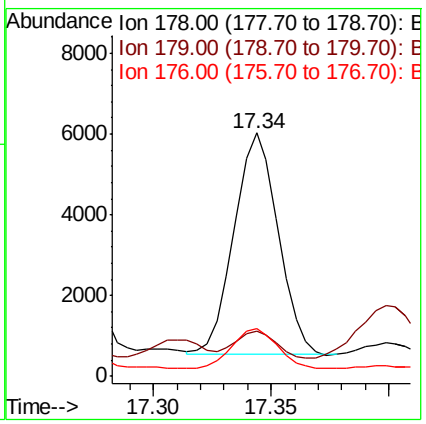




#13
Anthracene
Concen: 0.100 ng/ul
RT: 17.34 min Scan# 3738
Delta R.T. -0.00 min
Lab File: BN003794.D
Acq: 11 Dec 2018 00:44

Tgt Ion:178 Resp: 7166

Ion	Ratio	Lower	Upper
178	100		
179	18.8	12.3	18.5#
176	19.7	14.8	22.2



Instrument :
BNA_N
ClientSampleId :
F9Y30DL

Manual Integrations APPROVED
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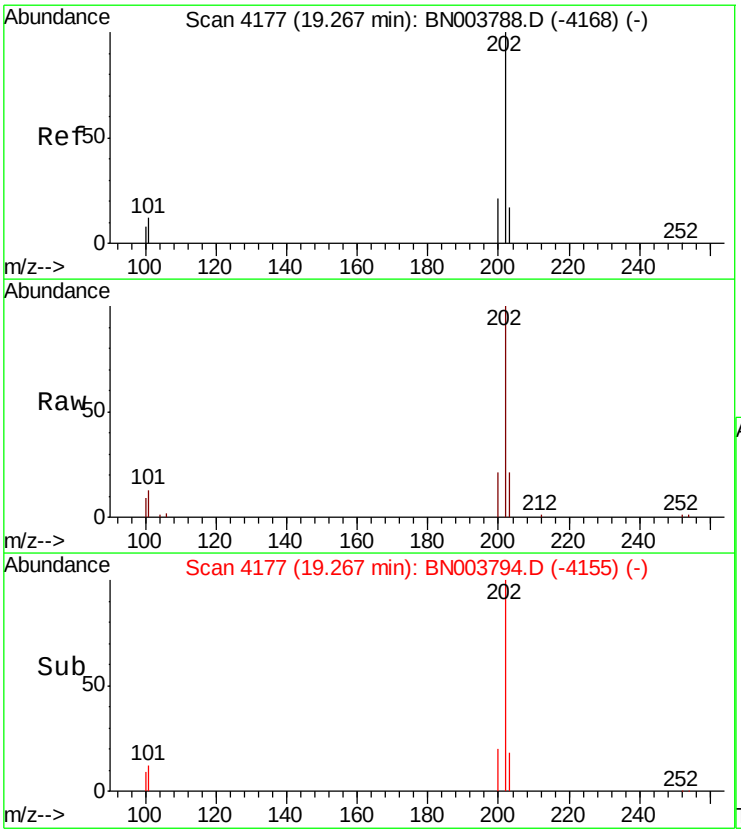
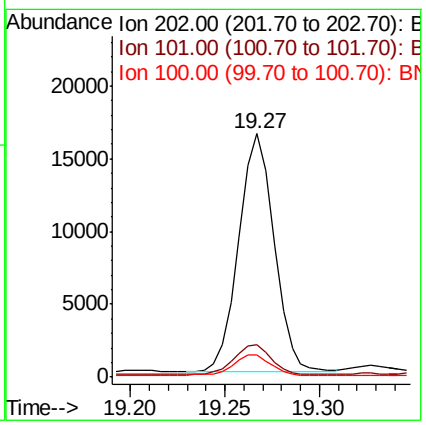
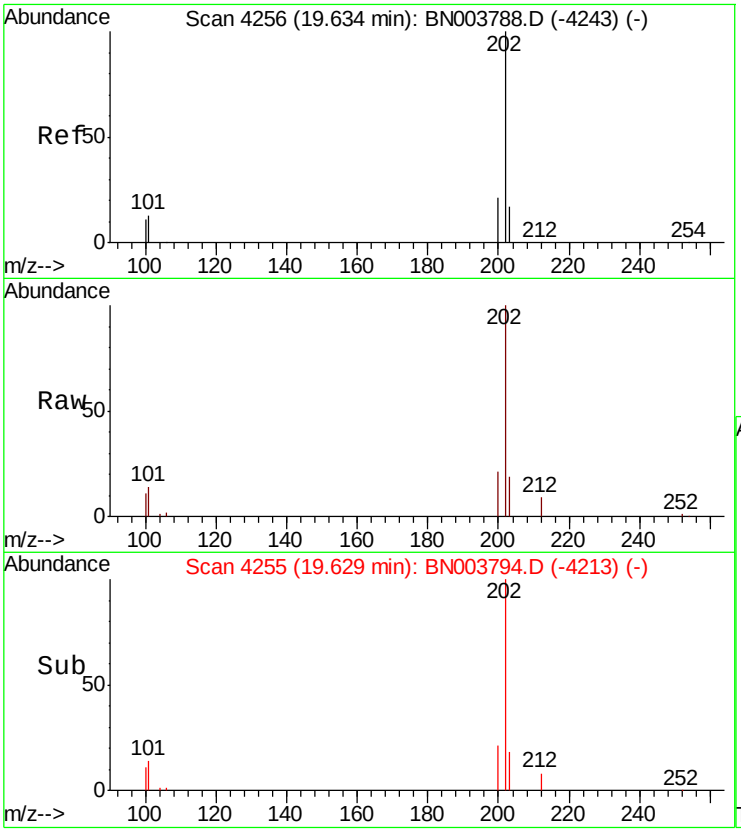


#15
Fluoranthene
Concen: 0.207 ng/ul
RT: 19.27 min Scan# 4177
Delta R.T. 0.00 min
Lab File: BN003794.D
Acq: 11 Dec 2018 00:44

Tgt Ion:202 Resp: 21362

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	30.7
100	9.2	0.0	28.1





#17
Pyrene
Concen: 0.829 ng/ul
RT: 19.63 min Scan# 4255
Delta R.T. -0.00 min
Lab File: BN003794.D
Acq: 11 Dec 2018 00:44

Tgt Ion:202 Resp: 59011

Ion	Ratio	Lower	Upper
202	100		
101	14.3	10.3	15.5
100	11.2	8.5	12.7

Instrument :
BNA_N
ClientSampleId :
F9Y30DL

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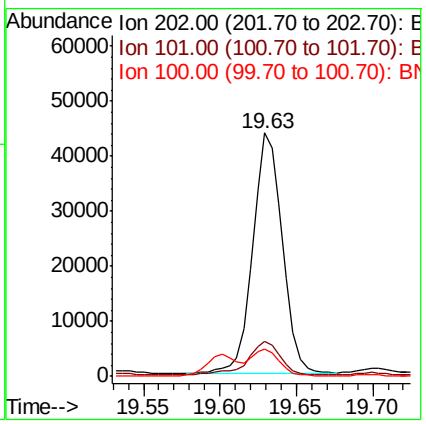
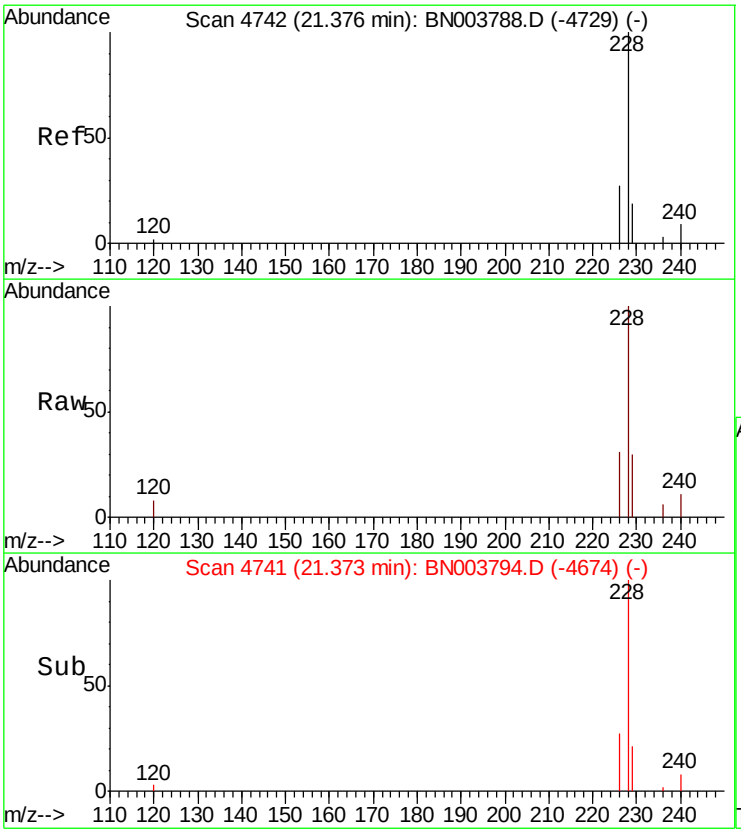
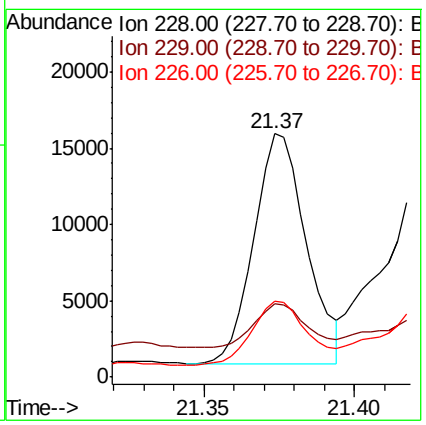


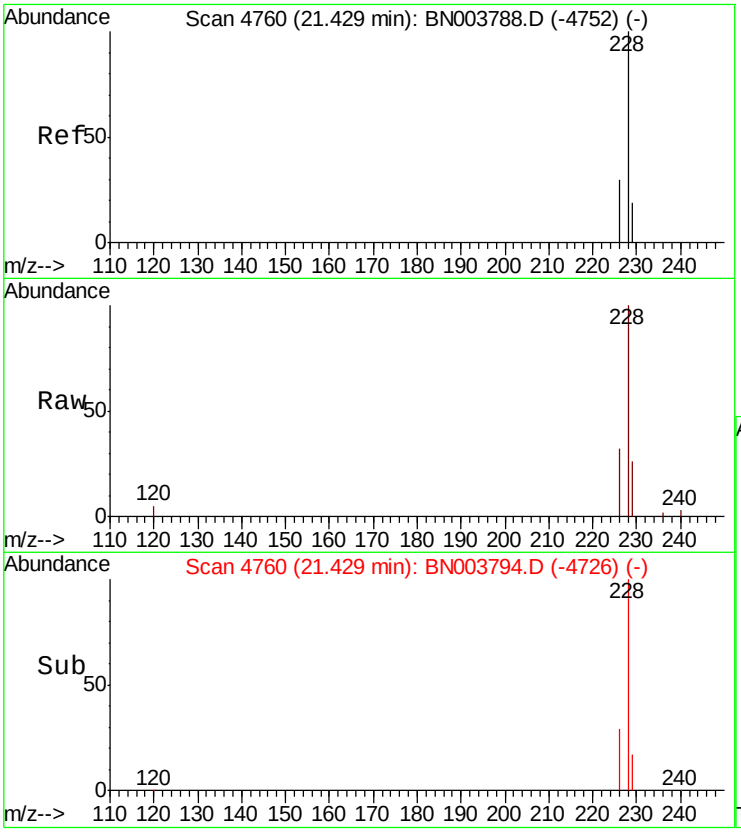


#18
Benzo(a)anthracene
Concen: 0.292 ng/ul
RT: 21.37 min Scan# 4741
Delta R.T. -0.00 min
Lab File: BN003794.D
Acq: 11 Dec 2018 00:44

Tgt Ion:228 Resp: 18321

Ion	Ratio	Lower	Upper
228	100		
229	30.0	15.6	23.4#
226	31.1	21.1	31.7

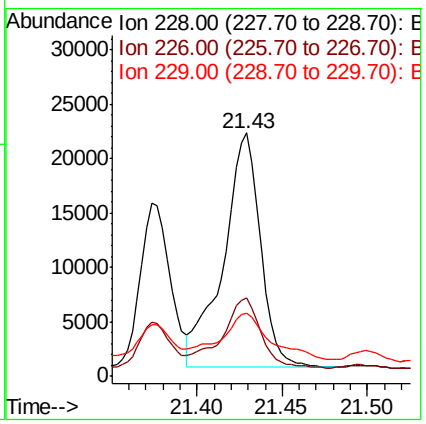




#19
Chrysene
Concen: 0.454 ng/ul
RT: 21.43 min Scan# 4760
Delta R.T. 0.00 min
Lab File: BN003794.D
Acq: 11 Dec 2018 00:44

Tgt Ion:228 Resp: 32576

Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.0	36.0
229	26.0	15.7	23.5#



Instrument :
BNA_N
ClientSampleId :
F9Y30DL

Manual Integrations APPROVED
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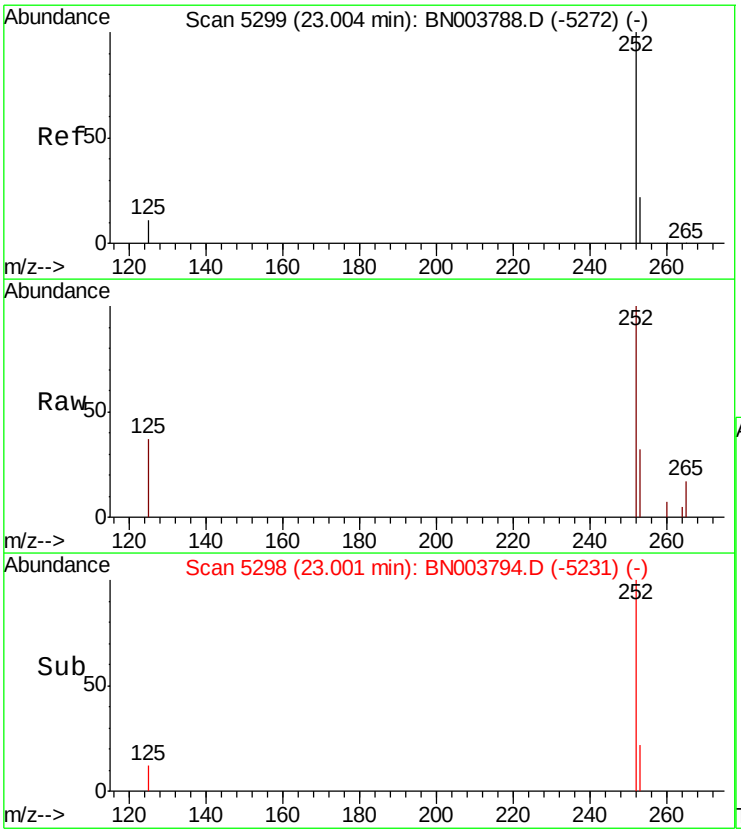
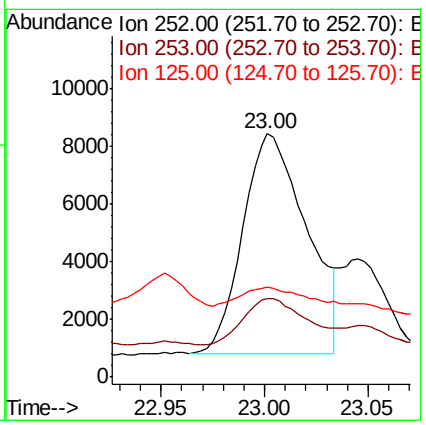
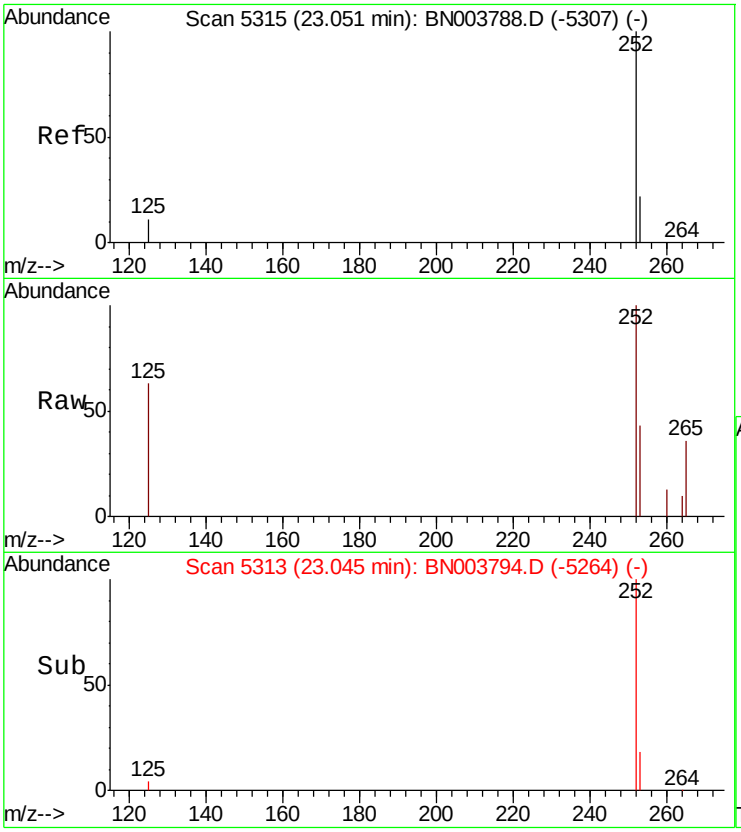


#21
Benzo(b)fluoranthene
Concen: 0.222 ng/ul m
RT: 23.00 min Scan# 5298
Delta R.T. -0.00 min
Lab File: BN003794.D
Acq: 11 Dec 2018 00:44

Tgt Ion:252 Resp: 16437

Ion	Ratio	Lower	Upper
252	100		
253	32.4	0.0	46.0
125	36.9	0.0	22.4#





#22
Benzo(k)fluoranthene
Concen: 0.073 ng/ul m
RT: 23.05 min Scan# 5313
Delta R.T. -0.01 min
Lab File: BN003794.D
Acq: 11 Dec 2018 00:44

Tgt Ion:252 Resp: 5278

Ion	Ratio	Lower	Upper
252	100		
253	43.3	18.5	27.7#
125	62.5	9.0	13.6#

Instrument :
BNA_N
ClientSampleId :
F9Y30DL

Manual Integrations APPROVED
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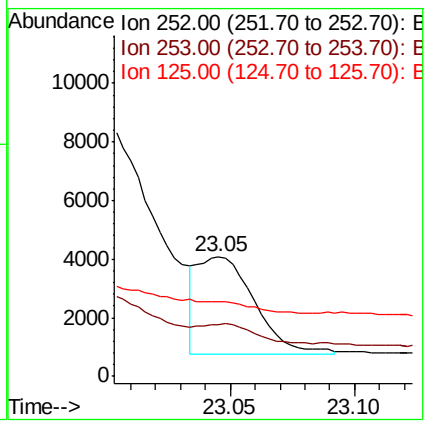
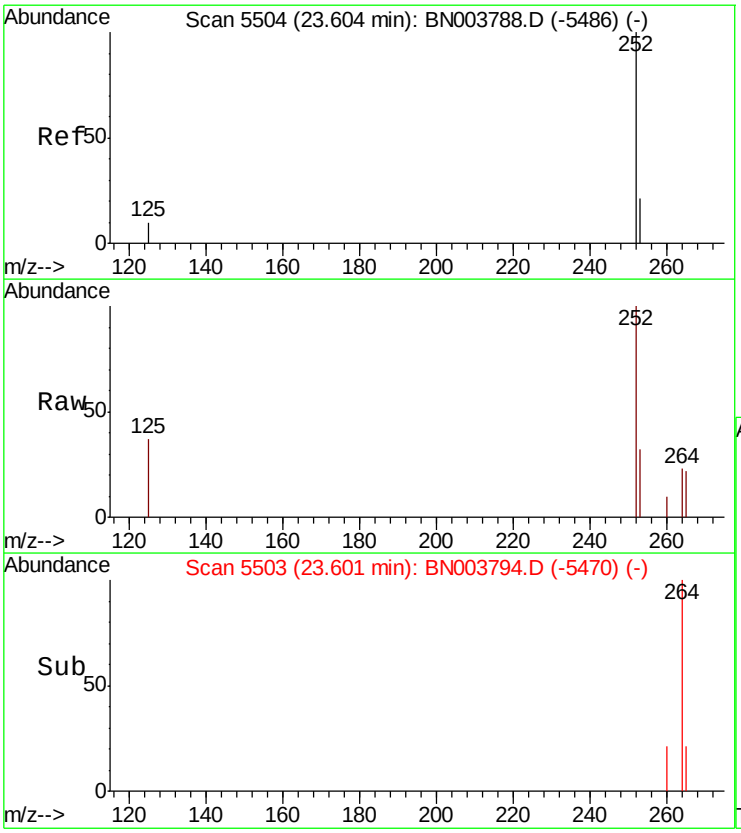
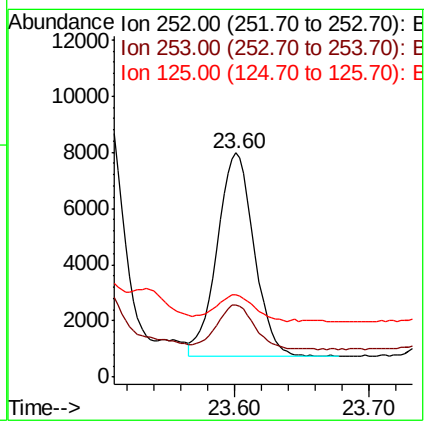


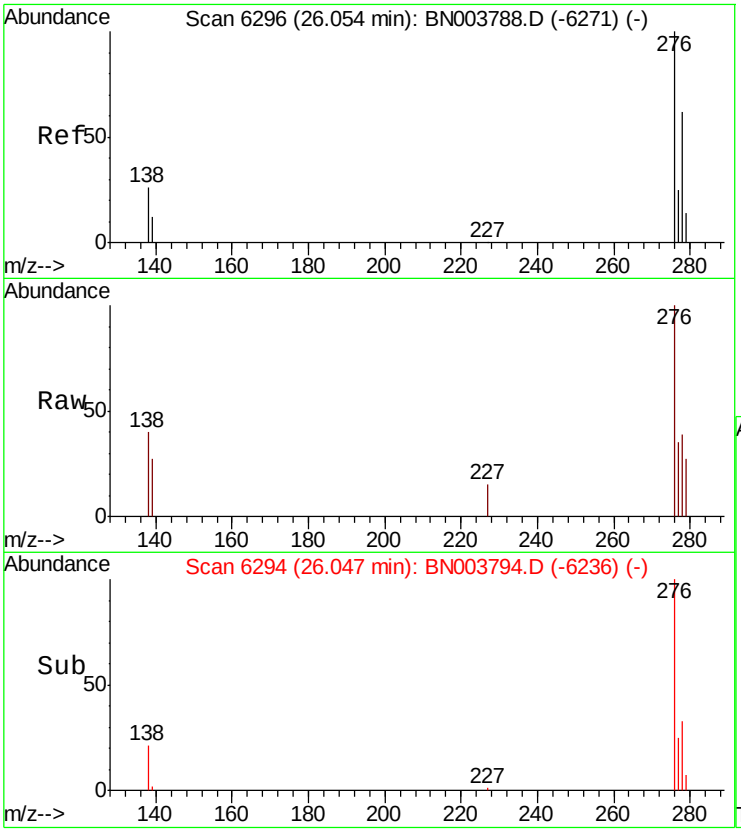


#23
Benzo(a)pyrene
Concen: 0.217 ng/ul
RT: 23.60 min Scan# 5503
Delta R.T. -0.00 min
Lab File: BN003794.D
Acq: 11 Dec 2018 00:44

Tgt Ion:252 Resp: 13912

Ion	Ratio	Lower	Upper
252	100		
253	32.4	19.0	28.4#
125	36.7	10.2	15.4#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.111 ng/ul
RT: 26.05 min Scan# 6294
Delta R.T. -0.01 min
Lab File: BN003794.D
Acq: 11 Dec 2018 00:44

Tgt Ion:276 Resp: 8205

Ion	Ratio	Lower	Upper
276	100		
138	24.7	20.3	30.5
227	0.0	0.2	0.2#

Instrument :
BNA_N
ClientSampleId :
F9Y30DL

Manual Integrations APPROVED
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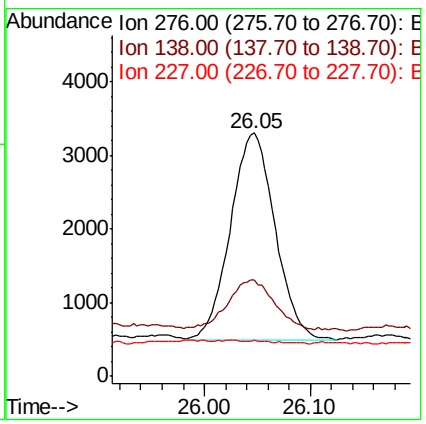
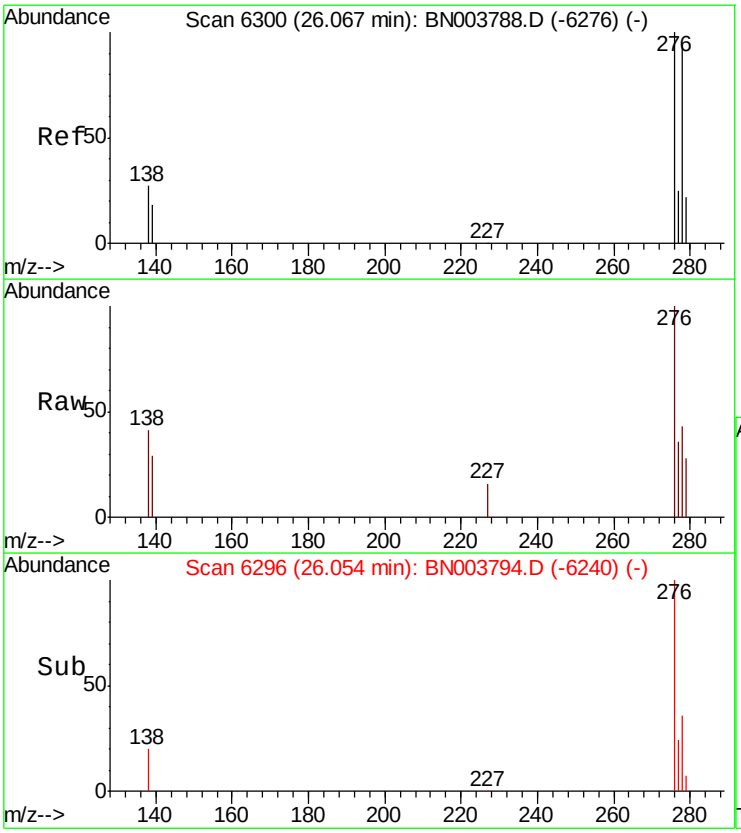
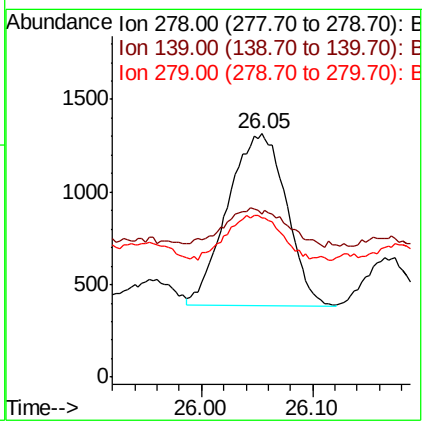


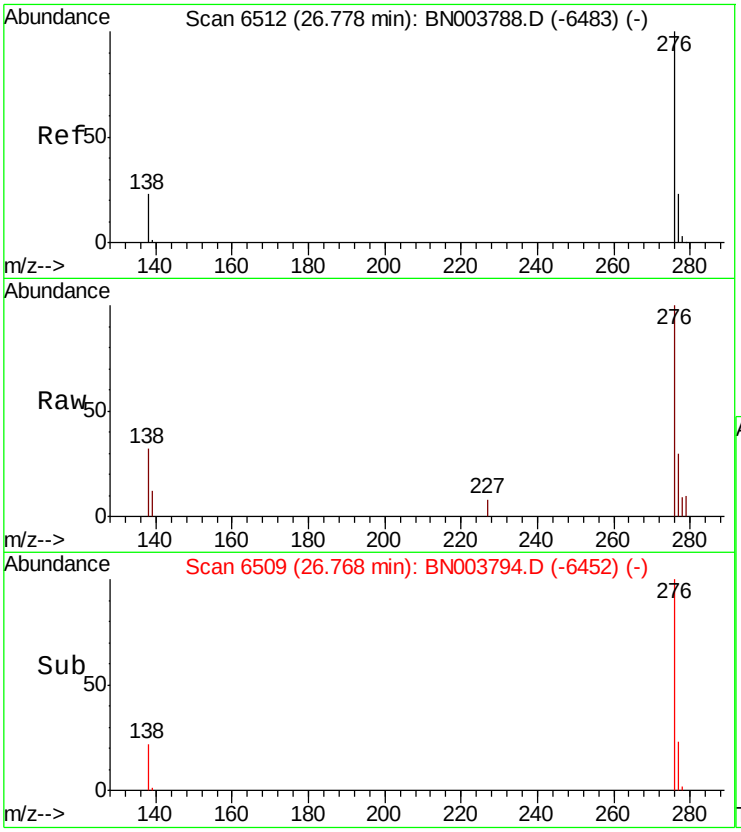


#25
Dibenzo(a,h)anthracene
Concen: 0.058 ng/ul
RT: 26.05 min Scan# 6296
Delta R.T. -0.01 min
Lab File: BN003794.D
Acq: 11 Dec 2018 00:44

Tgt Ion:278 Resp: 3412

Ion	Ratio	Lower	Upper
278	100		
139	67.2	14.2	21.4#
279	65.5	19.8	29.6#

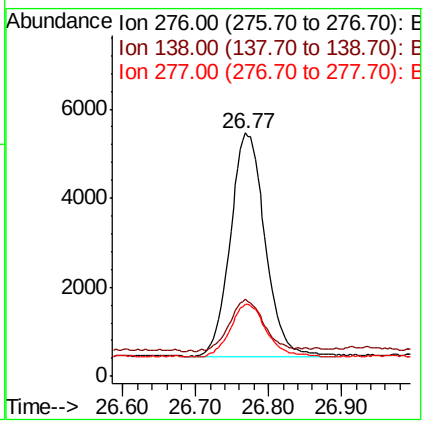




#26
Benzo(g,h,i)perylene
Concen: 0.259 ng/ul
RT: 26.77 min Scan# 6509
Delta R.T. -0.01 min
Lab File: BN003794.D
Acq: 11 Dec 2018 00:44

Tgt Ion:276 Resp: 16536

Ion	Ratio	Lower	Upper
276	100		
138	31.6	17.7	26.5#
277	29.7	19.3	28.9#



Instrument :
BNA_N
ClientSampleId :
F9Y30DL

Manual Integrations APPROVED
Sohil
12/11/2018 6:12:27 PM