Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110118\
Data File : BN003388.D
Acq On : 01 Nov 2018 20:45
Operator : MJ/SJ
Sample : J5635-28MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Nov 02 05:17:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 04:49:17 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A40H7MS

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	11515	0.40	ng/ul	0.00
2) Naphthalene-d8	10.65	136	47812	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	27090	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.23	188	66414	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	64207	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	54241	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.24	152	21711	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.26	212	57783	0.31	ng/ul	0.00
Target Compounds						Qvalue
8) Acenaphthene	14.55	153	29130	0.277	ng/ul	99
11) Pentachlorophenol	16.87	266	3078	0.231	ng/ul	99
12) Phenanthrene	17.27	178	38375	0.176	ng/ul	99
13) Anthracene	17.36	178	4418	0.025	ng/ul#	92
15) Fluoranthene	19.29	202	124274	0.508	ng/ul	97
17) Pyrene	19.65	202	172953	0.741	ng/ul	99
18) Benzo(a)anthracene	21.39	228	46614	0.232	ng/ul	97
19) Chrysene	21.45	228	63575	0.278	ng/ul	97
21) Benzo(b)fluoranthene	23.02	252	78704m	0.337	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	30136m	0.133	ng/ul	
23) Benzo(a)pyrene	23.62	252	45348	0.232	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	26.08	276	30233	0.145	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.08	278	7056	0.041	ng/ul#	26
26) Benzo(g,h,i)perylene	26.80	276	22854m	0.128	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110118\
Data File : BN003388.D
Acq On : 01 Nov 2018 20:45
Operator : MJ/SJ
Sample : J5635-28MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Nov 02 05:17:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 04:49:17 2018
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Instrument :
BNA_N
ClientSampleId :
A40H7MS

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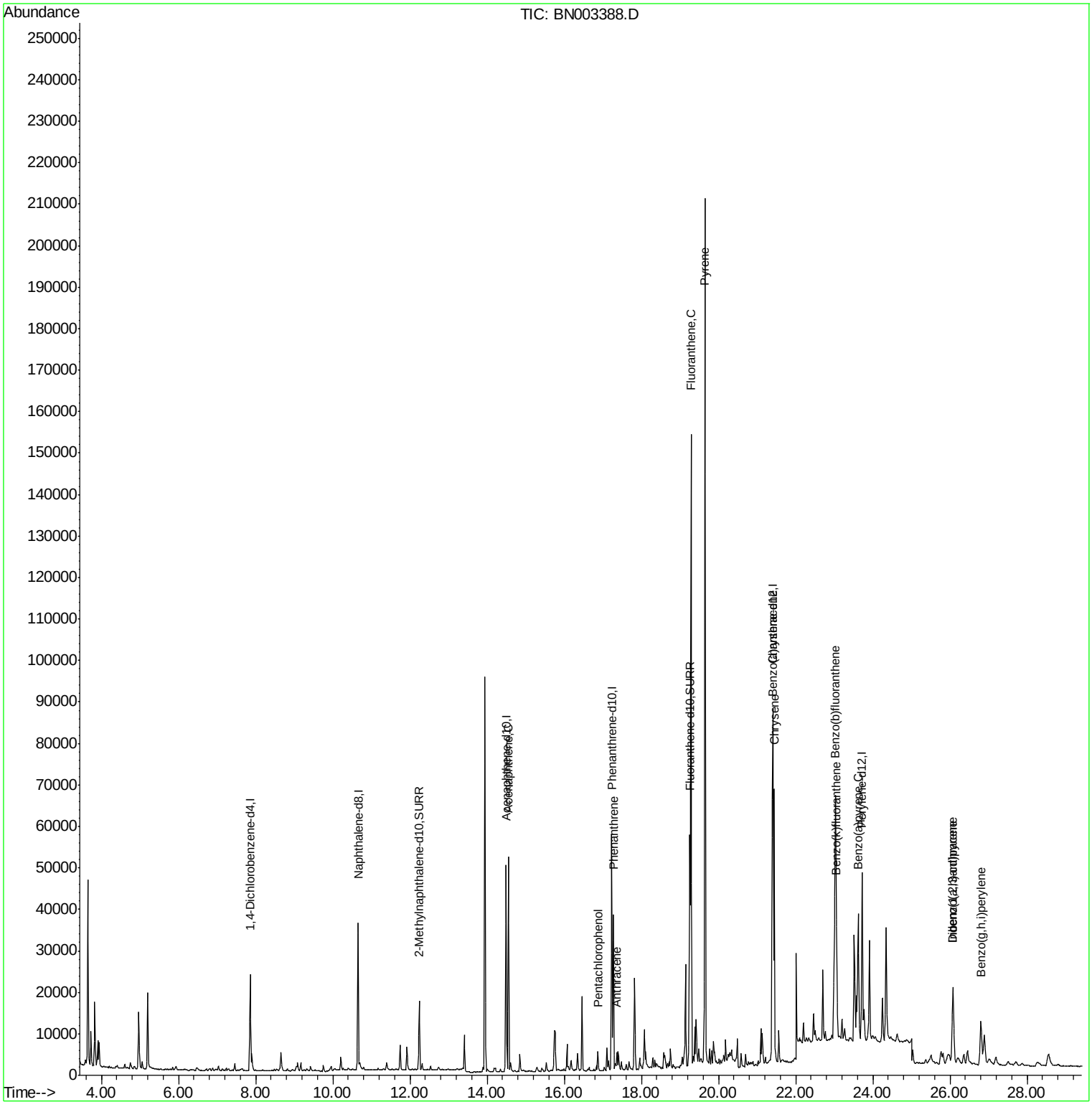

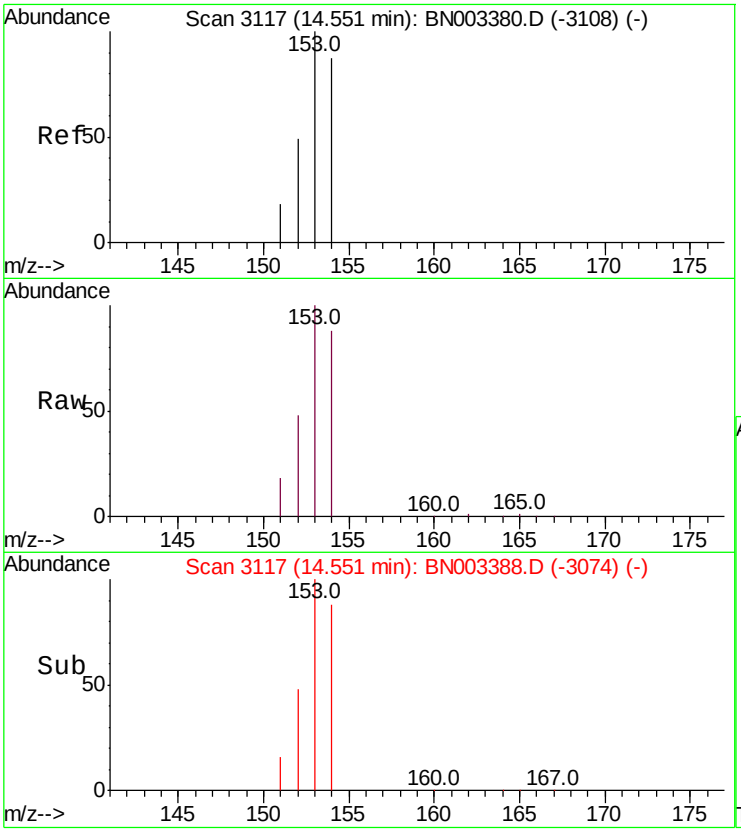

#8
Acenaphthene
Concen: 0.277 ng/ul
RT: 14.55 min Scan# 3117
Delta R.T. -0.00 min
Lab File: BN003388.D
Acq: 01 Nov 2018 20:45

Tgt Ion:153 Resp: 29130

Ion	Ratio	Lower	Upper
153	100		
152	48.0	39.5	59.3
154	87.7	70.3	105.5

Instrument :
BNA_N
ClientSampleId :
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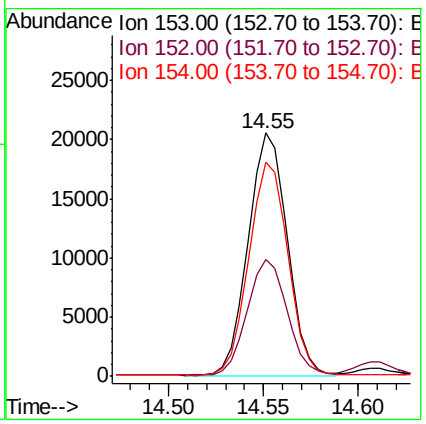
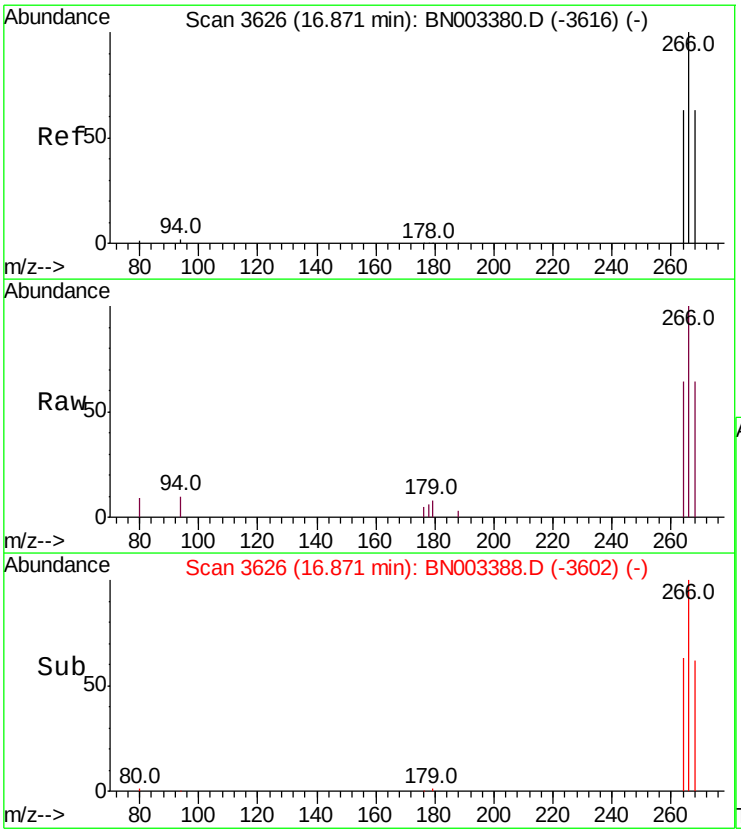
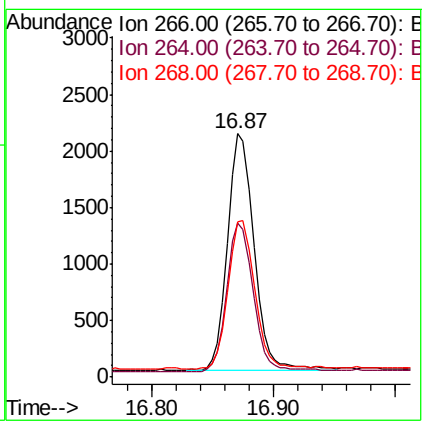


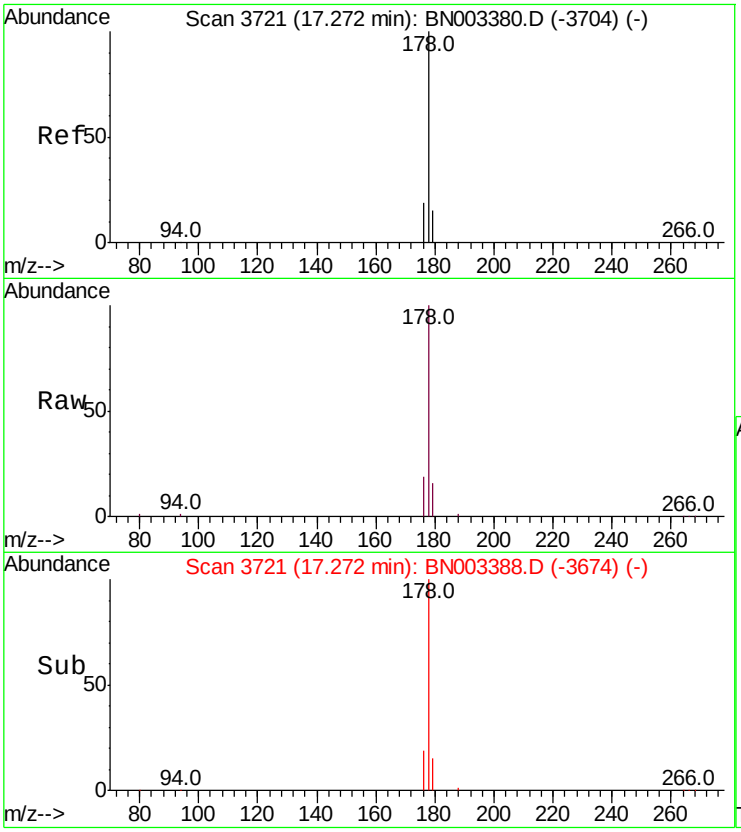


#11
Pentachlorophenol
Concen: 0.231 ng/ul
RT: 16.87 min Scan# 3626
Delta R.T. -0.00 min
Lab File: BN003388.D
Acq: 01 Nov 2018 20:45

Tgt Ion:266 Resp: 3078

Ion	Ratio	Lower	Upper
266	100		
264	63.5	50.2	75.4
268	64.1	50.7	76.1

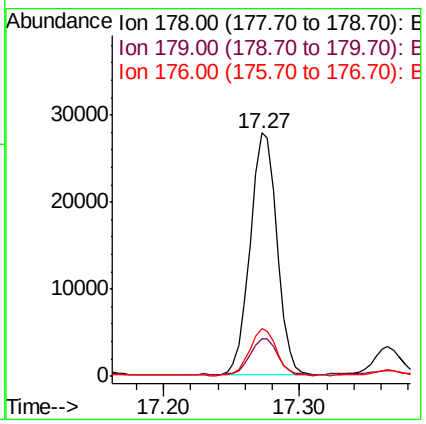




#12
Phenanthrene
Concen: 0.176 ng/ul
RT: 17.27 min Scan# 3721
Delta R.T. -0.00 min
Lab File: BN003388.D
Acq: 01 Nov 2018 20:45

Tgt Ion:178 Resp: 38375

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.4	18.6
176	19.5	15.0	22.4



Instrument :
BNA_N
ClientSampleId :
A40H7MS

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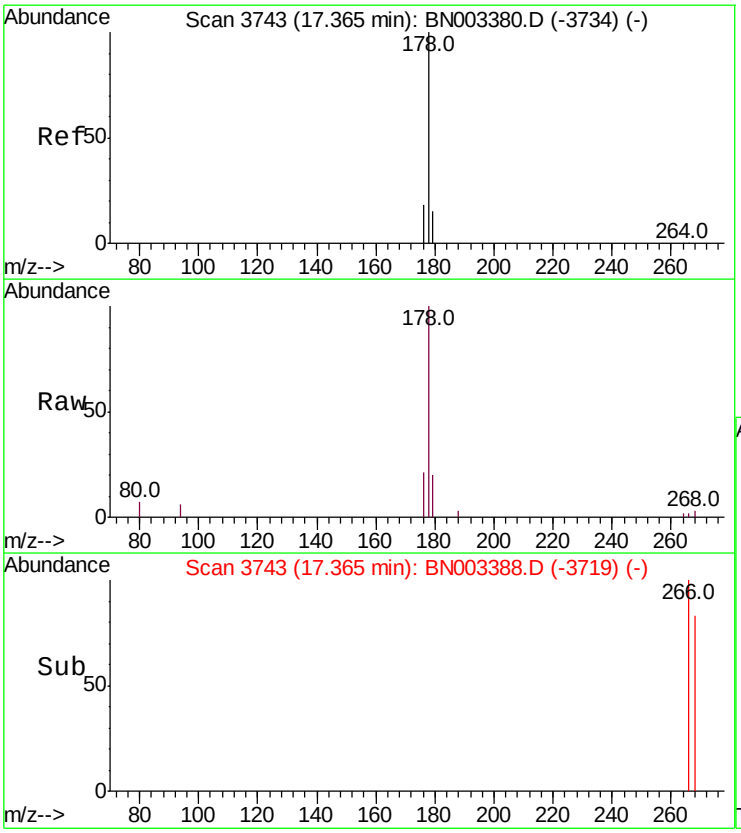
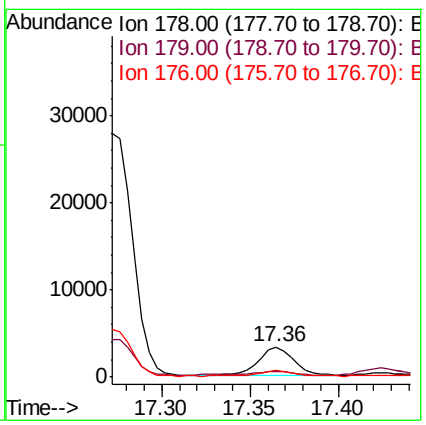
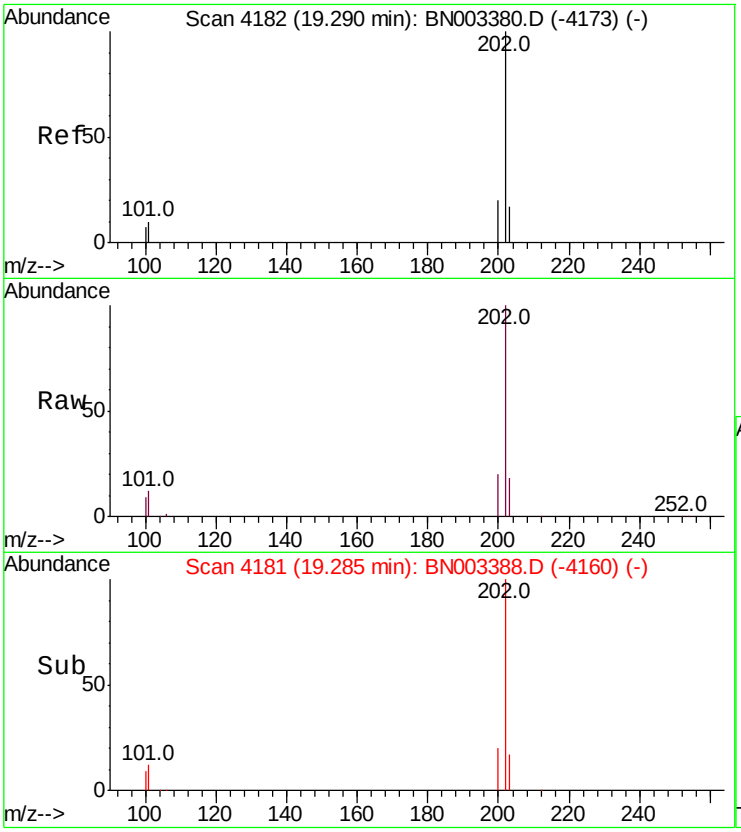


#13
Anthracene
Concen: 0.025 ng/ul
RT: 17.36 min Scan# 3743
Delta R.T. -0.00 min
Lab File: BN003388.D
Acq: 01 Nov 2018 20:45

Tgt Ion:178 Resp: 4418

Ion	Ratio	Lower	Upper
178	100		
179	20.0	12.2	18.2#
176	21.0	14.7	22.1

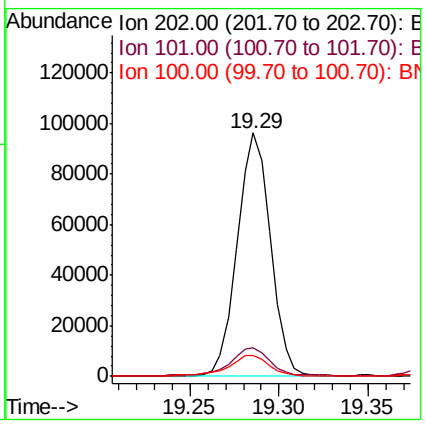




#15
Fluoranthene
Concen: 0.508 ng/ul
RT: 19.29 min Scan# 4181
Delta R.T. -0.00 min
Lab File: BN003388.D
Acq: 01 Nov 2018 20:45

Tgt Ion:202 Resp: 124274

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	30.7
100	8.8	0.0	28.0



Instrument :
BNA_N
ClientSampleId :
A40H7MS

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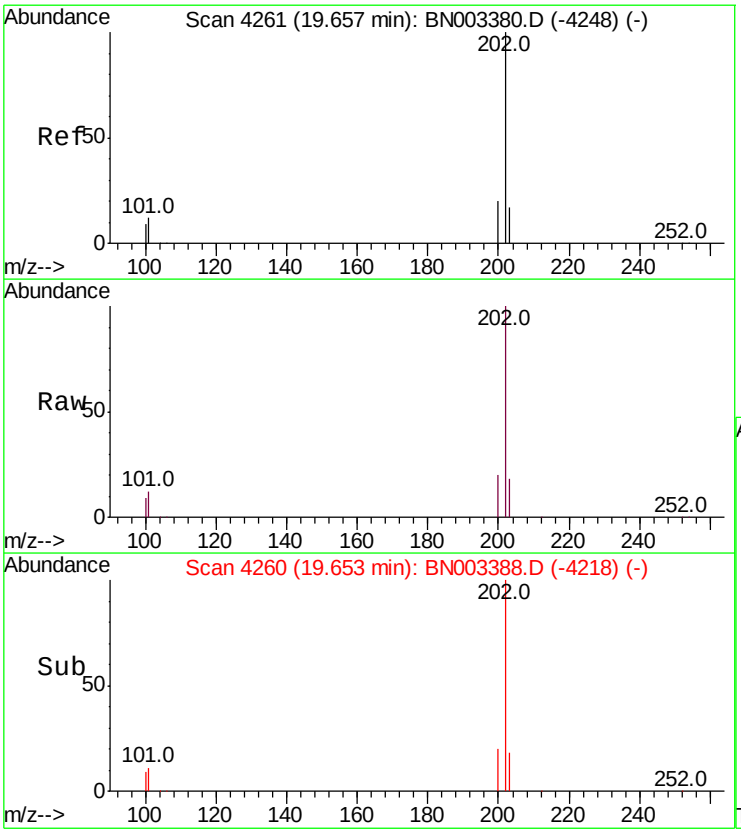
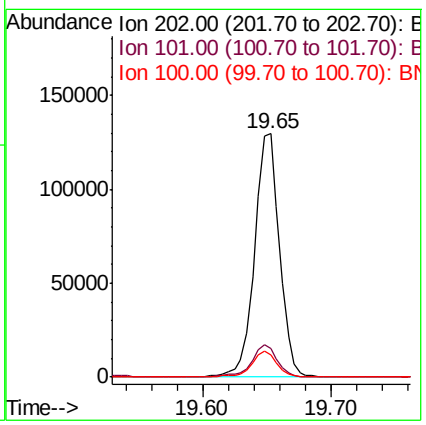
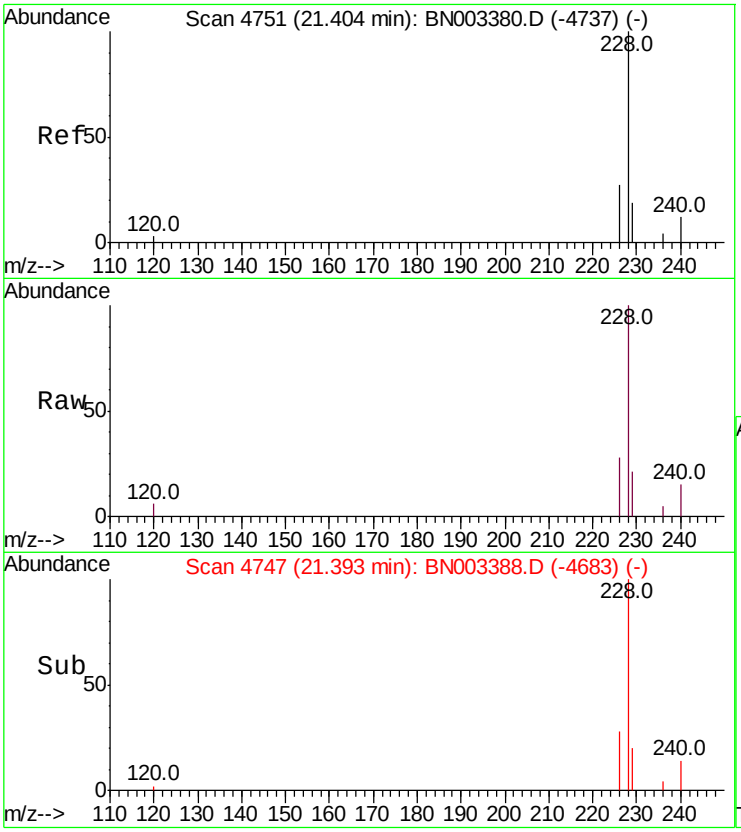


#17
Pyrene
Concen: 0.741 ng/ul
RT: 19.65 min Scan# 4260
Delta R.T. -0.00 min
Lab File: BN003388.D
Acq: 01 Nov 2018 20:45

Tgt Ion:202 Resp: 172953

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.5	14.3
100	9.1	7.5	11.3

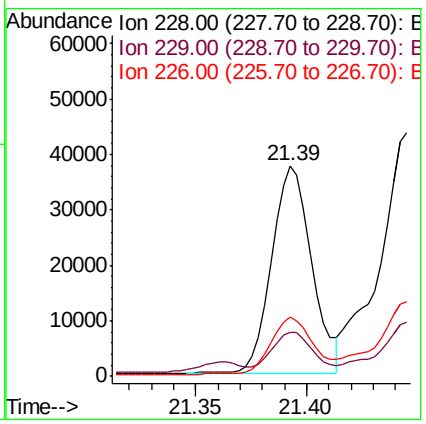




#18
Benzo(a)anthracene
Concen: 0.232 ng/ul
RT: 21.39 min Scan# 4747
Delta R.T. -0.01 min
Lab File: BN003388.D
Acq: 01 Nov 2018 20:45

Tgt Ion:228 Resp: 46614

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.5	23.3
226	28.3	21.5	32.3



Instrument :
BNA_N
ClientSampleId :
A40H7MS

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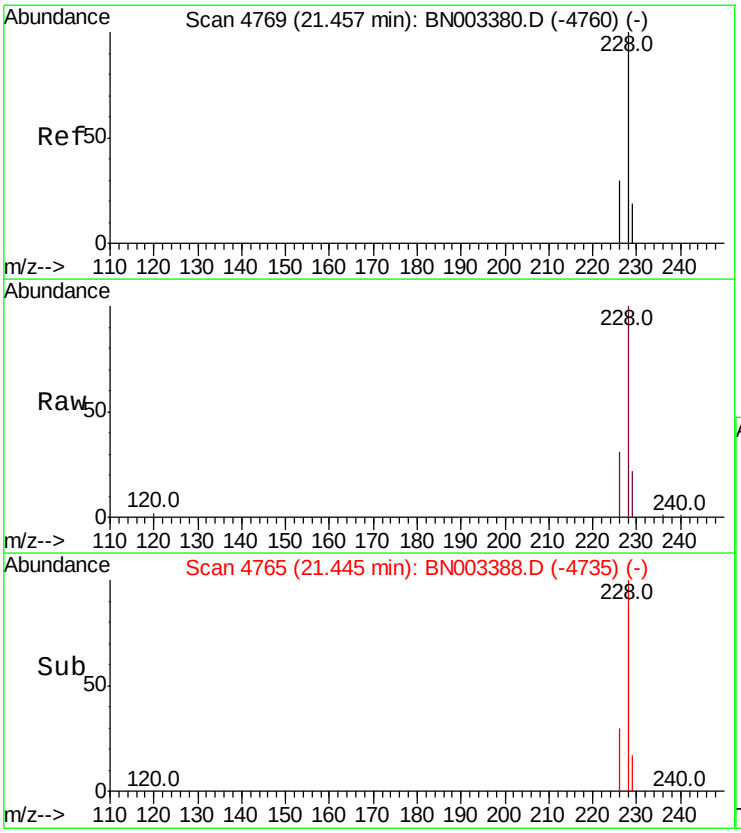
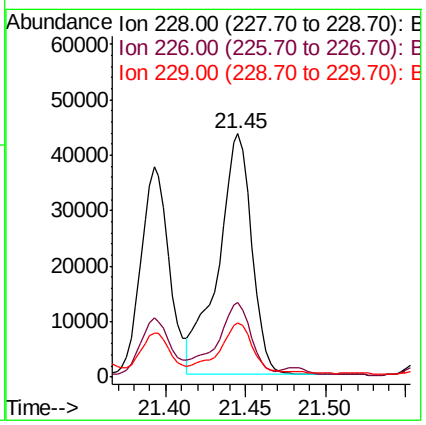
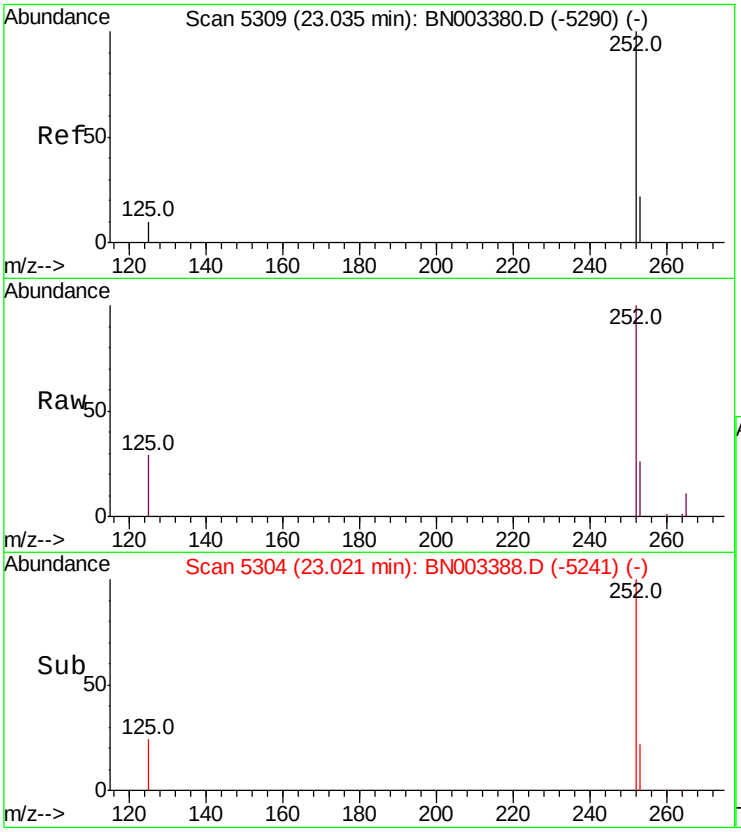


#19
Chrysene
Concen: 0.278 ng/ul
RT: 21.45 min Scan# 4765
Delta R.T. -0.01 min
Lab File: BN003388.D
Acq: 01 Nov 2018 20:45

Tgt Ion:228 Resp: 63575

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.8	35.6
229	22.2	15.5	23.3





#21
Benzo(b)fluoranthene
Concen: 0.337 ng/ul m
RT: 23.02 min Scan# 5304
Delta R.T. -0.01 min
Lab File: BN003388.D
Acq: 01 Nov 2018 20:45

Tgt Ion:252 Resp: 78704

Ion	Ratio	Lower	Upper
252	100		
253	25.5	0.0	45.6
125	29.2	0.0	21.8#

Instrument :
BNA_N
ClientSampleId :
A40H7MS

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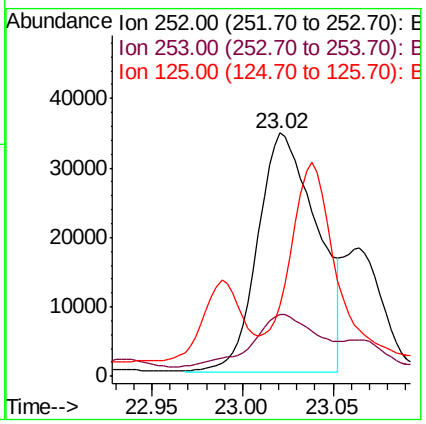
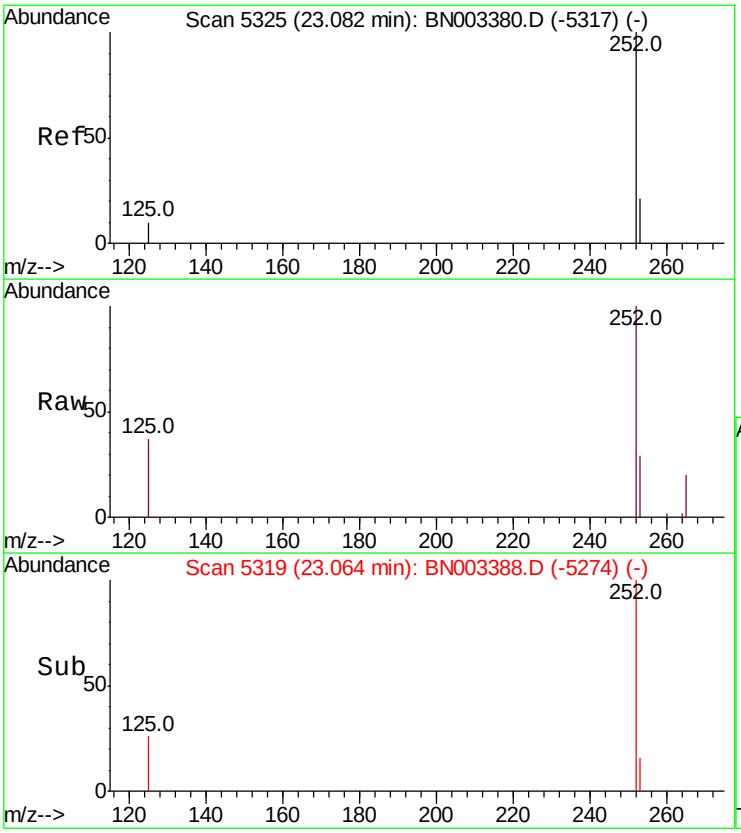
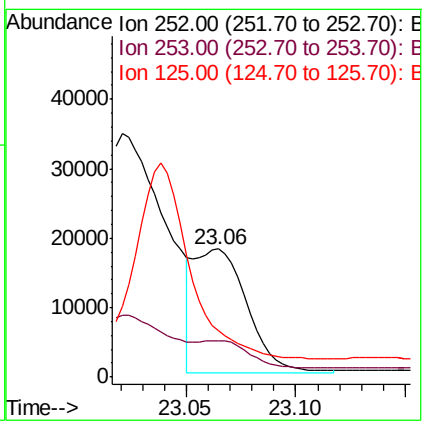


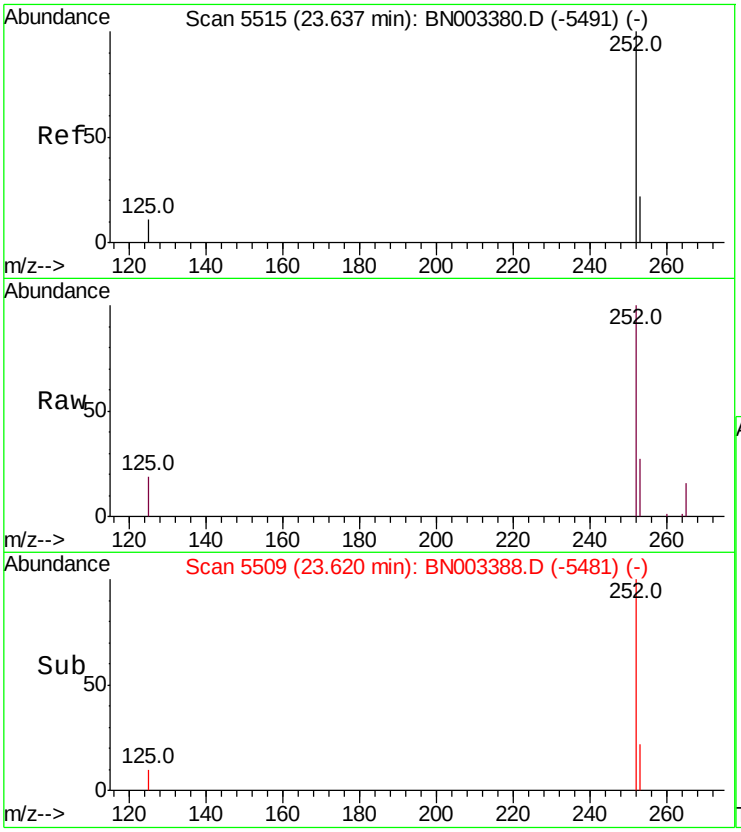


#22
Benzo(k)fluoranthene
Concen: 0.133 ng/ul m
RT: 23.06 min Scan# 5319
Delta R.T. -0.02 min
Lab File: BN003388.D
Acq: 01 Nov 2018 20:45

Tgt Ion:252 Resp: 30136

Ion	Ratio	Lower	Upper
252	100		
253	28.7	18.2	27.4#
125	36.5	8.6	13.0#





#23
Benzo(a)pyrene
Concen: 0.232 ng/ul
RT: 23.62 min Scan# 5509
Delta R.T. -0.02 min
Lab File: BN003388.D
Acq: 01 Nov 2018 20:45

Tgt Ion:252 Resp: 45348

Ion	Ratio	Lower	Upper
252	100		
253	26.9	18.5	27.7
125	19.0	9.9	14.9#

Instrument :
BNA_N
ClientSampleId :
A40H7MS

Manual Integrations APPROVED
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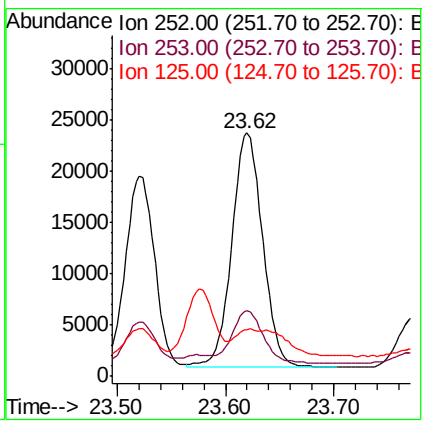
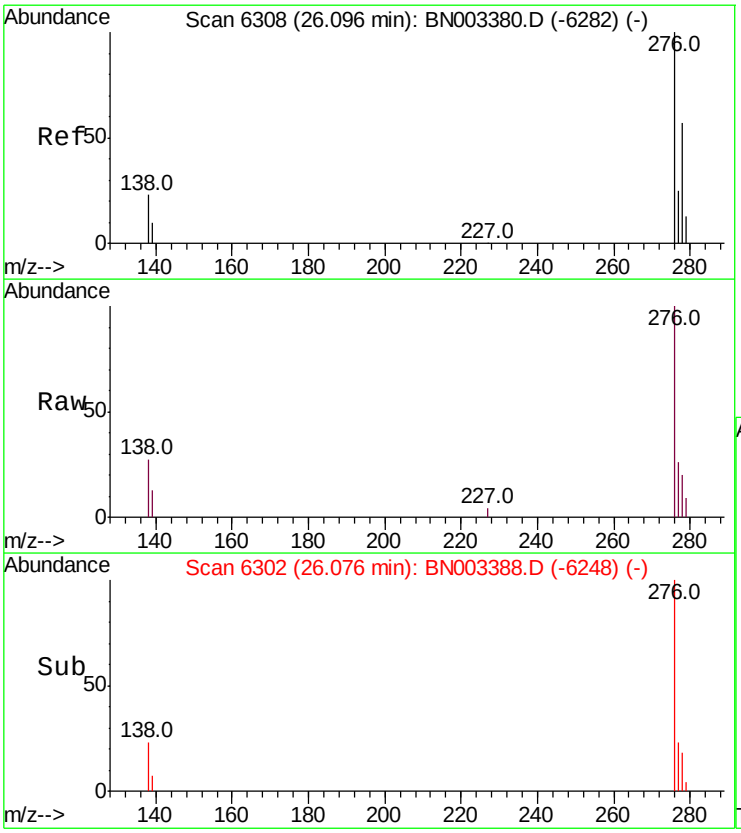
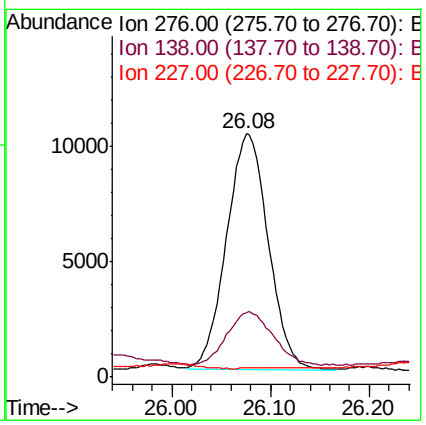


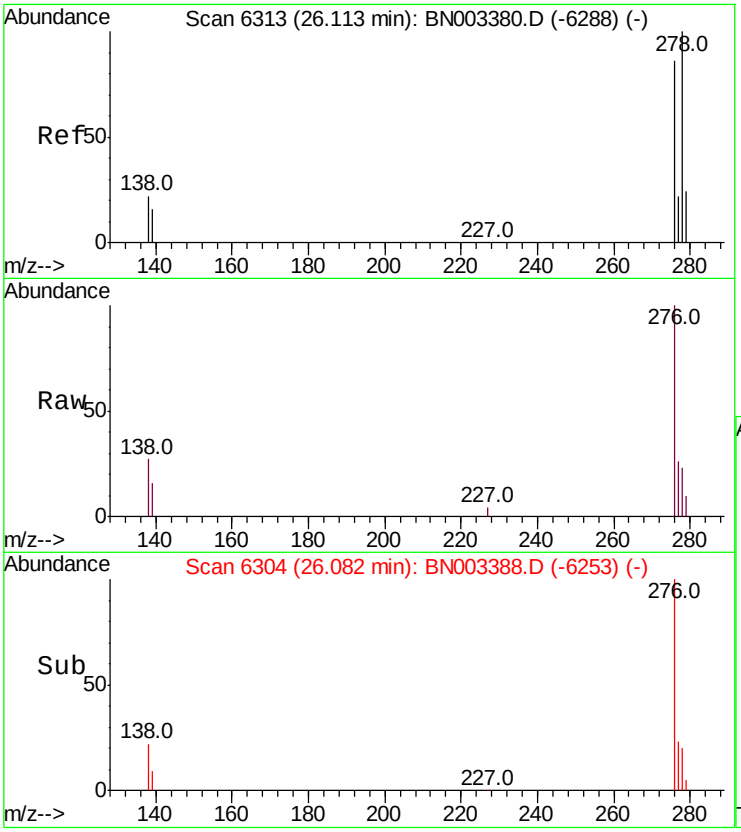


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.145 ng/ul
RT: 26.08 min Scan# 6302
Delta R.T. -0.02 min
Lab File: BN003388.D
Acq: 01 Nov 2018 20:45

Tgt Ion:276 Resp: 30233

Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.8	29.8
227	0.1	0.2	0.2#





#25
Dibenzo(a,h)anthracene
Concen: 0.041 ng/ul
RT: 26.08 min Scan# 6304
Delta R.T. -0.03 min
Lab File: BN003388.D
Acq: 01 Nov 2018 20:45

Tgt Ion:278 Resp: 7056

Ion	Ratio	Lower	Upper
278	100		
139	71.3	13.1	19.7#
279	42.8	19.5	29.3#

Instrument :
BNA_N
ClientSampleId :
A40H7MS

Manual Integrations APPROVED
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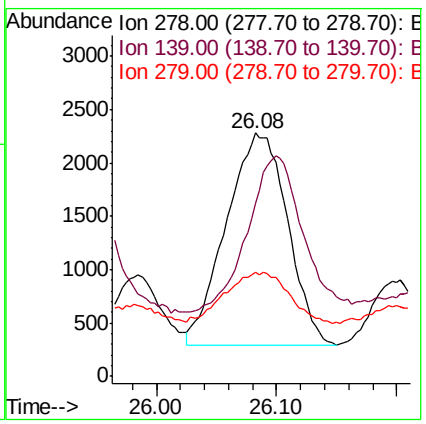

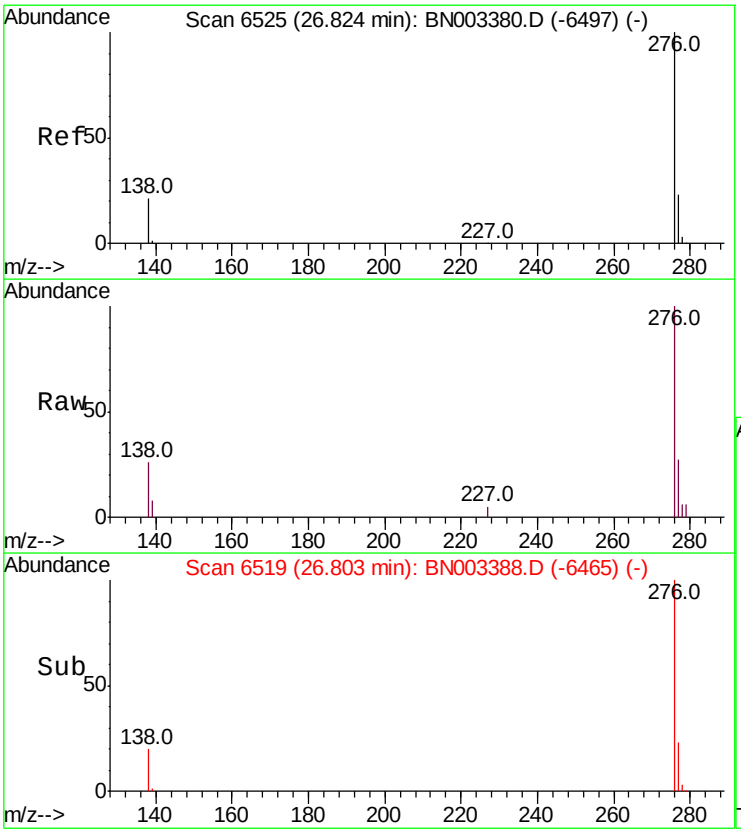

#26
Benzo(g,h,i)perylene
Concen: 0.128 ng/ul m
RT: 26.80 min Scan# 6519
Delta R.T. -0.02 min
Lab File: BN003388.D
Acq: 01 Nov 2018 20:45

Tgt Ion:276 Resp: 22854

Ion	Ratio	Lower	Upper
276	100		
138	25.7	17.0	25.6#
277	27.0	19.2	28.8