Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110218\
Data File : BN003410.D
Acq On : 02 Nov 2018 19:16
Operator : MJ/SJ
Sample : J5704-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40K1

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11/5/2018 4:09:16 PM

Quant Time: Nov 02 23:45:37 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 23:49:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	10633	0.40	ng/ul	0.00
2) Naphthalene-d8	10.65	136	44725	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	26569	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.23	188	59416m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	47447m	0.40	ng/ul	0.00
20) Perylene-d12	23.73	264	37482m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.24	152	23041	0.32	ng/ul	0.00
14) Fluoranthene-d10	19.26	212	56259m	0.34	ng/ul	0.00
Target Compounds						Qvalue
9) Fluorene	15.54	166	3865	0.032	ng/ul#	83
11) Pentachlorophenol	16.87	266	581m	0.049	ng/ul	
12) Phenanthrene	17.28	178	40639	0.209	ng/ul	99
13) Anthracene	17.36	178	8209m	0.052	ng/ul	
15) Fluoranthene	19.29	202	79370m	0.362	ng/ul	
17) Pyrene	19.65	202	64463m	0.374	ng/ul	
18) Benzo(a)anthracene	21.39	228	27428m	0.184	ng/ul	
19) Chrysene	21.45	228	30598m	0.181	ng/ul	
21) Benzo(b)fluoranthene	23.02	252	32614m	0.202	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	14149m	0.090	ng/ul	
23) Benzo(a)pyrene	23.62	252	22568m	0.167	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.08	276	15065m	0.104	ng/ul	
25) Dibenzo(a,h)anthracene	26.09	278	3816m	0.032	ng/ul	
26) Benzo(g,h,i)perylene	26.80	276	11635m	0.094	ng/ul	

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

Quantitation Report (QT Reviewed)

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 02 23:45:37 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 23:49:03 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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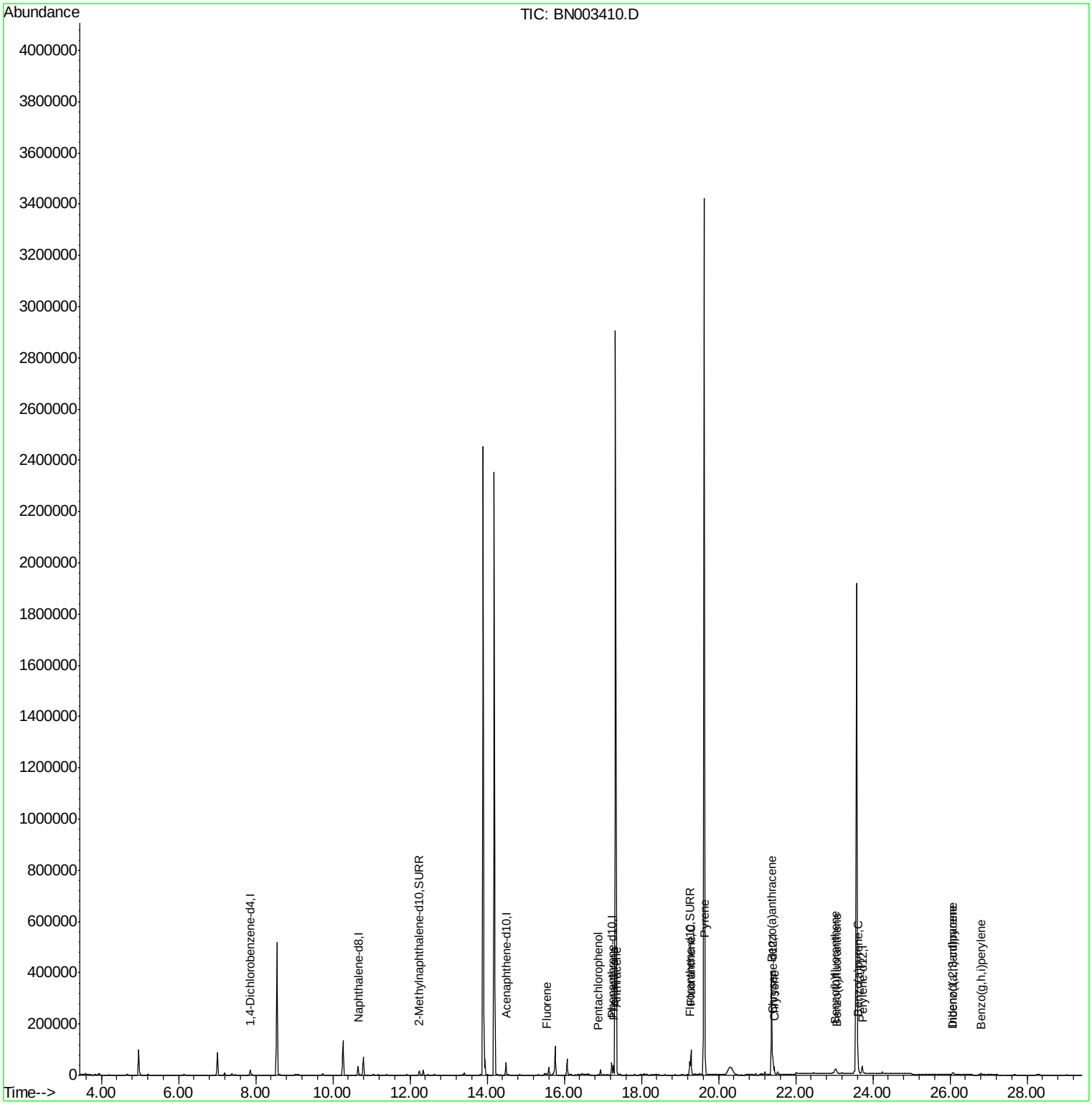

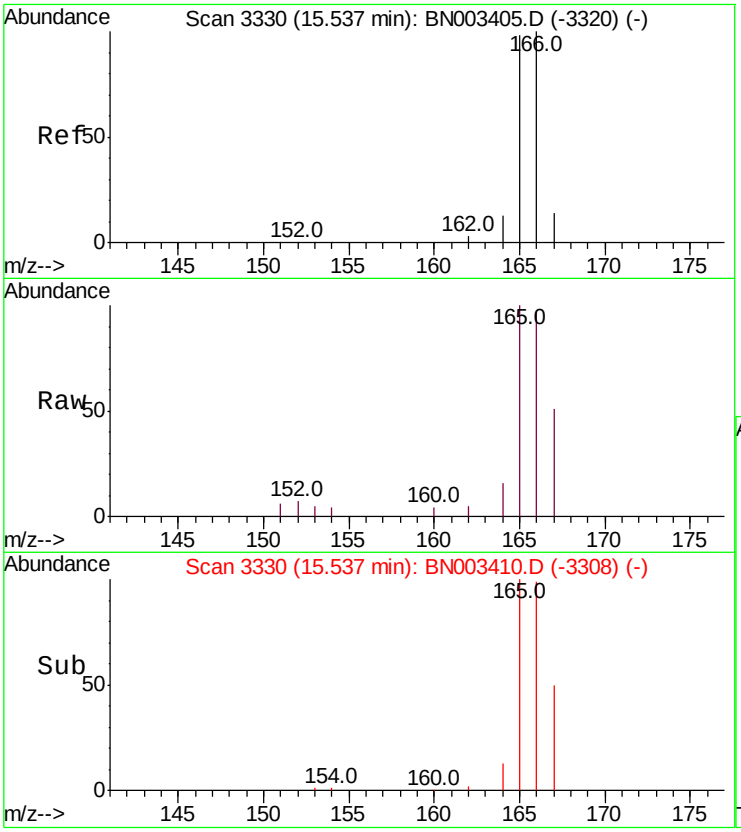

#9
Fluorene
Concen: 0.032 ng/ul
RT: 15.54 min Scan# 3330
Delta R.T. -0.00 min
Lab File: BN003410.D
Acq: 02 Nov 2018 19:16

Tgt Ion:166 Resp: 3865

Ion	Ratio	Lower	Upper
166	100		
165	103.5	78.3	117.5
167	52.4	10.8	16.2#

Instrument :
BNA_N
ClientSampleId :
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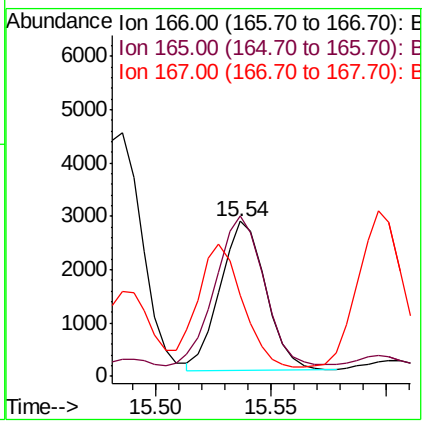
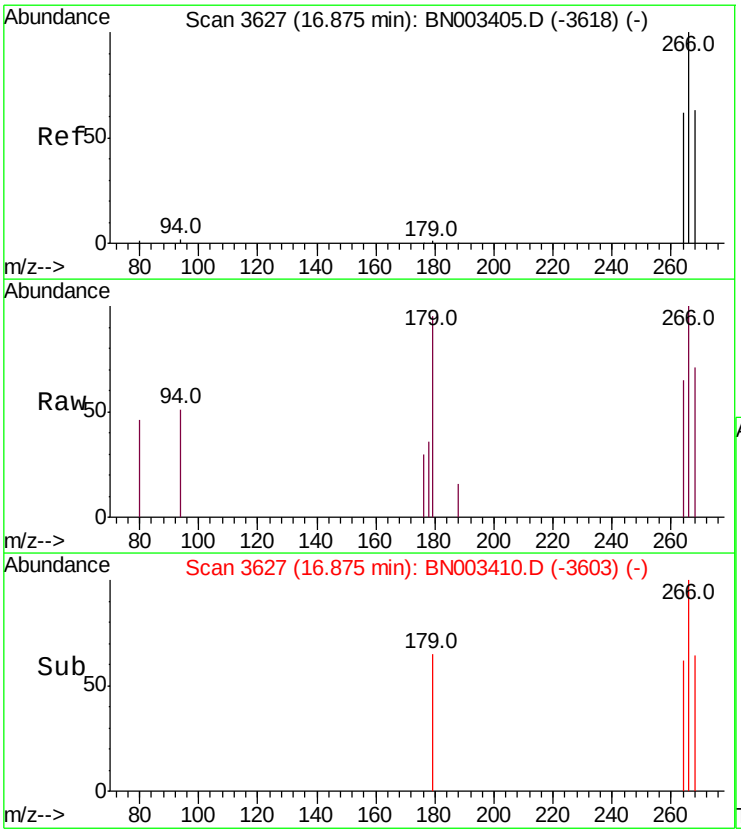
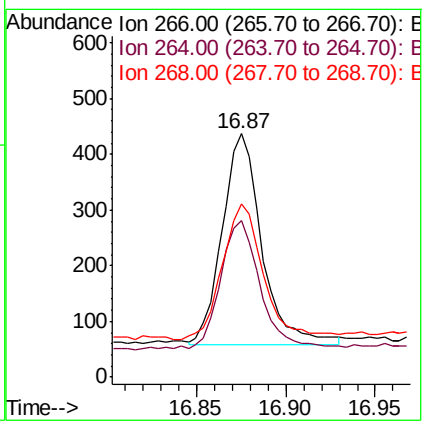


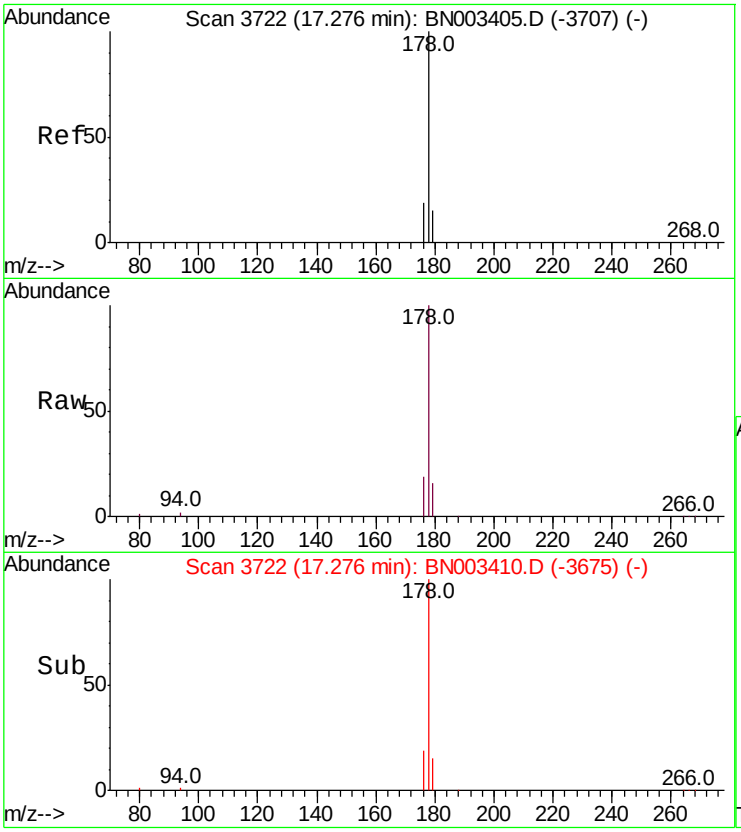


#11
Pentachlorophenol
Concen: 0.049 ng/ul m
RT: 16.87 min Scan# 3627
Delta R.T. -0.00 min
Lab File: BN003410.D
Acq: 02 Nov 2018 19:16

Tgt Ion:266 Resp: 581

Ion	Ratio	Lower	Upper
266	100		
264	0.0	50.2	75.4#
268	0.0	50.7	76.1#

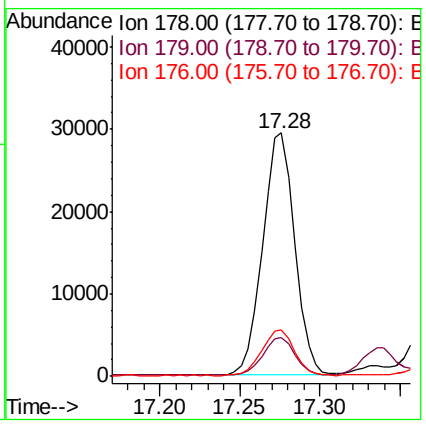




#12
Phenanthrene
Concen: 0.209 ng/ul
RT: 17.28 min Scan# 3722
Delta R.T. -0.00 min
Lab File: BN003410.D
Acq: 02 Nov 2018 19:16

Tgt Ion:178 Resp: 40639

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.4	18.6
176	19.0	15.0	22.4



Instrument :
BNA_N
ClientSampleId :
A40K1

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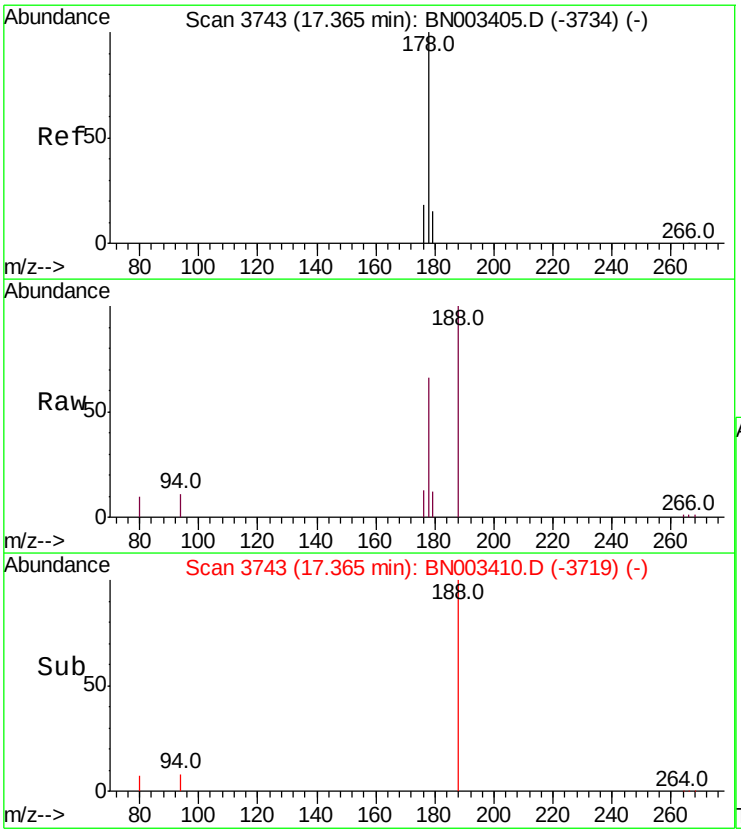
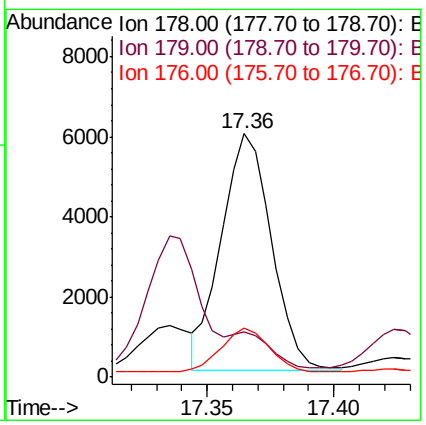
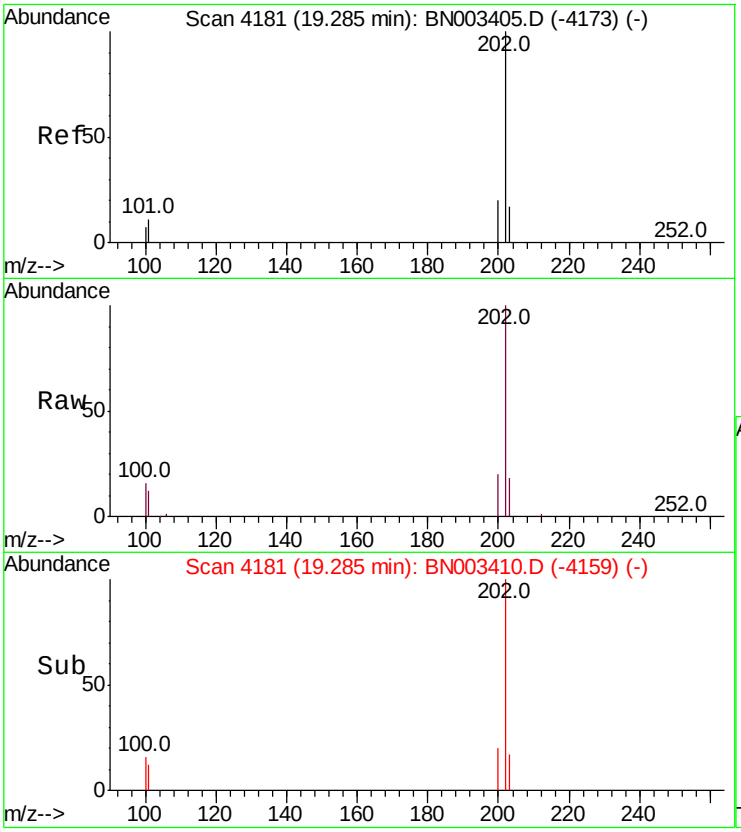


#13
Anthracene
Concen: 0.052 ng/ul m
RT: 17.36 min Scan# 3743
Delta R.T. -0.00 min
Lab File: BN003410.D
Acq: 02 Nov 2018 19:16

Tgt Ion:178 Resp: 8209

Ion	Ratio	Lower	Upper
178	100		
179	18.6	12.2	18.2#
176	20.1	14.7	22.1

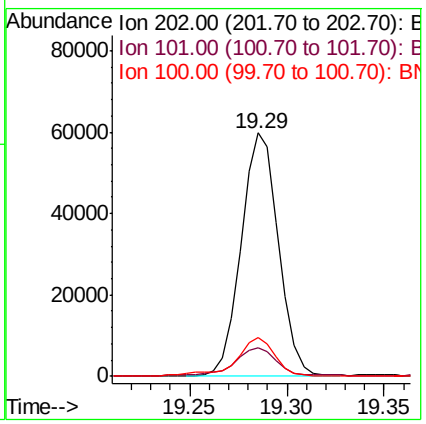




#15
Fluoranthene
Concen: 0.362 ng/ul m
RT: 19.29 min Scan# 4181
Delta R.T. -0.00 min
Lab File: BN003410.D
Acq: 02 Nov 2018 19:16

Tgt Ion:202 Resp: 79370

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	30.7
100	16.2	0.0	28.0



Instrument :
BNA_N
ClientSampleId :
A40K1

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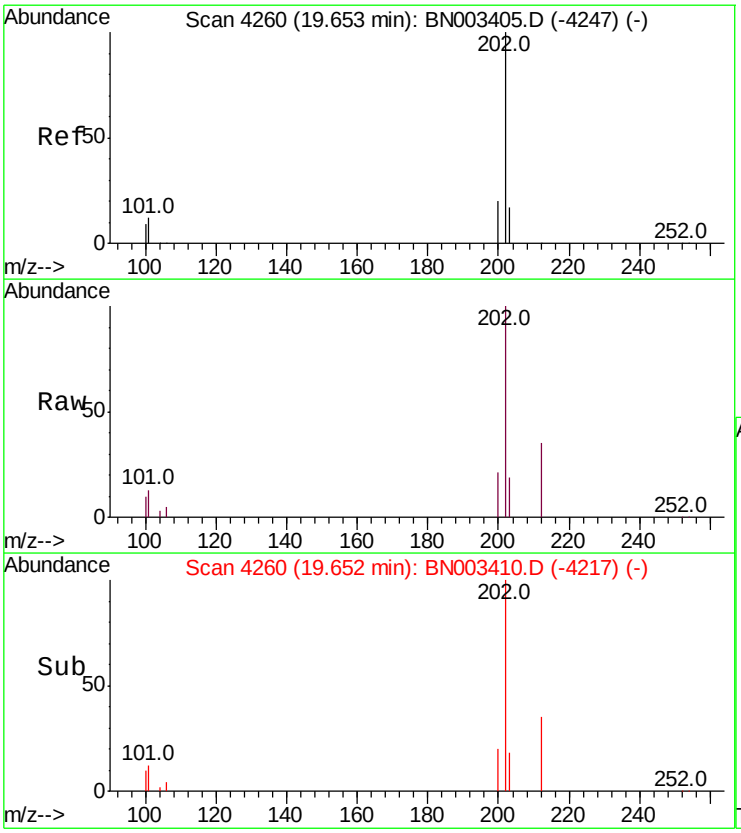
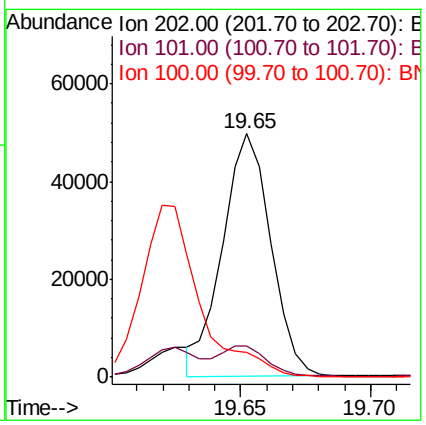
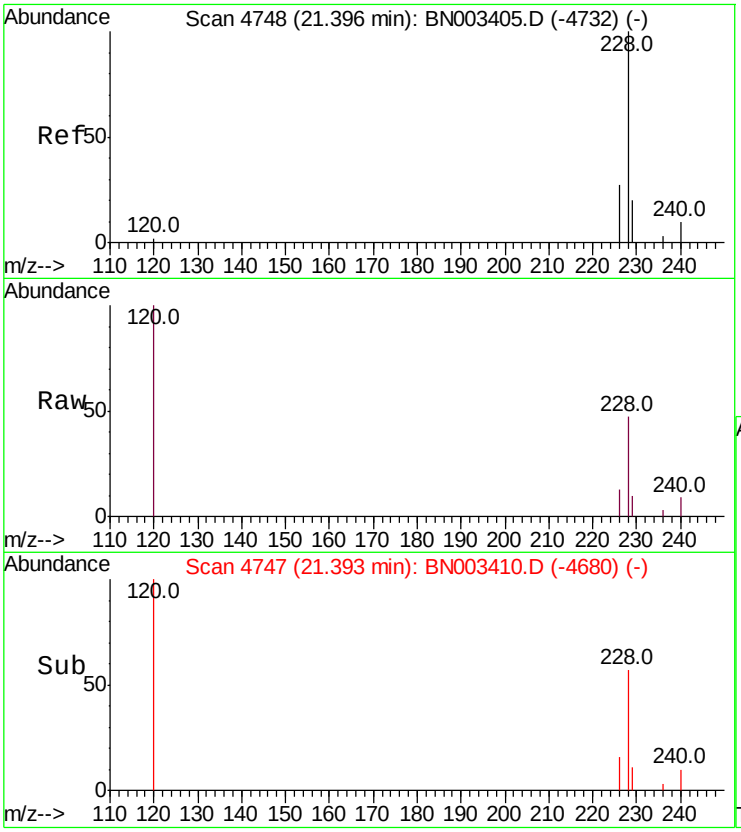


#17
Pyrene
Concen: 0.374 ng/ul m
RT: 19.65 min Scan# 4260
Delta R.T. -0.00 min
Lab File: BN003410.D
Acq: 02 Nov 2018 19:16

Tgt Ion:202 Resp: 64463

Ion	Ratio	Lower	Upper
202	100		
101	12.8	9.5	14.3
100	10.3	7.5	11.3

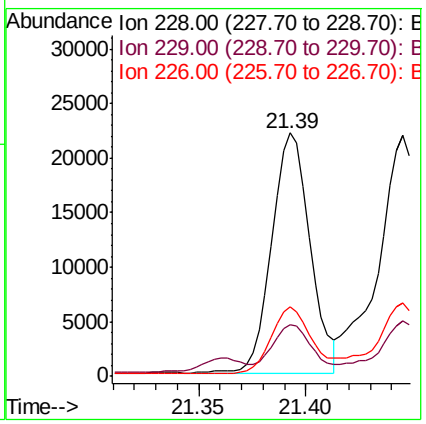




#18
Benzo(a)anthracene
Concen: 0.184 ng/ul m
RT: 21.39 min Scan# 4747
Delta R.T. -0.00 min
Lab File: BN003410.D
Acq: 02 Nov 2018 19:16

Tgt Ion:228 Resp: 27428

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.5	23.3
226	28.5	21.5	32.3



Instrument :
BNA_N
ClientSampleId :
A40K1

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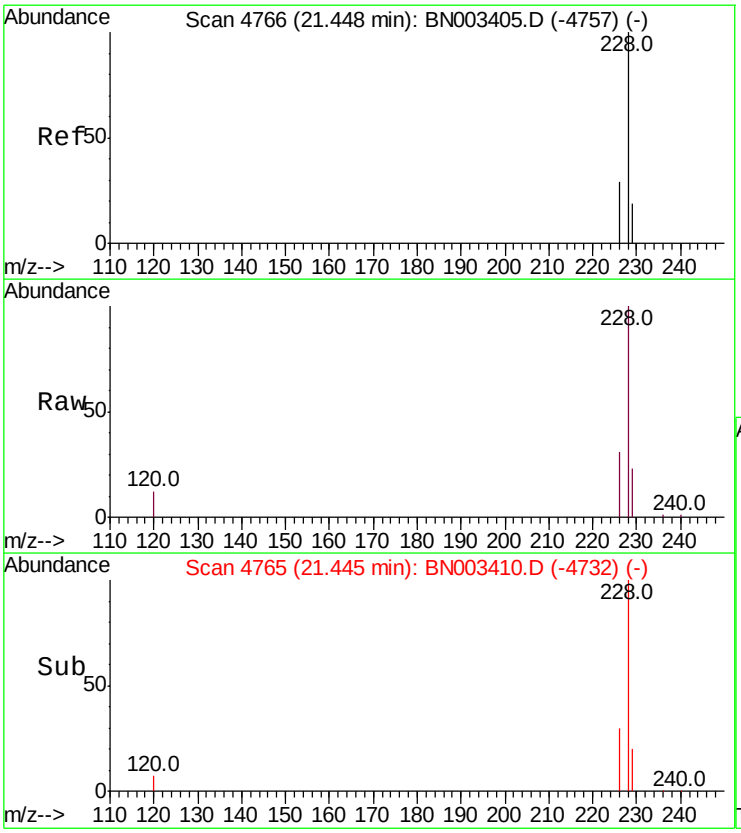
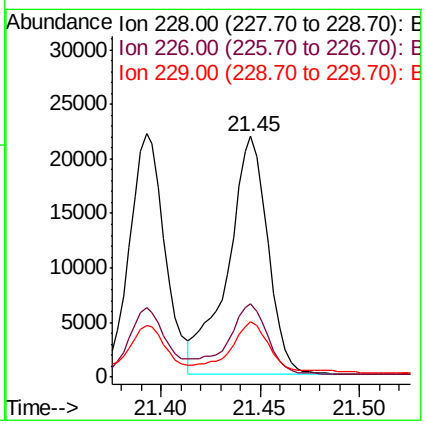
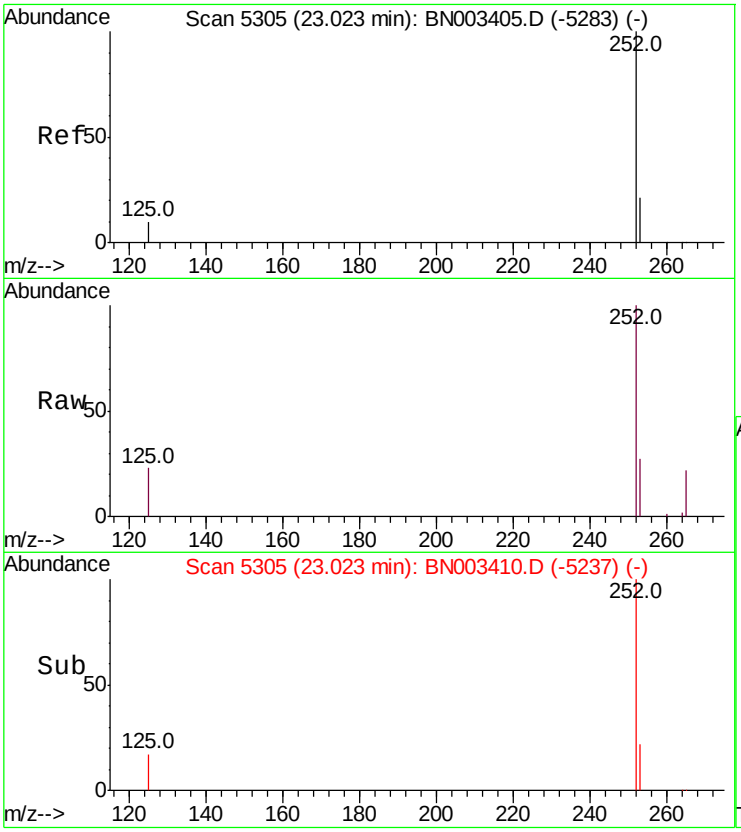


#19
Chrysene
Concen: 0.181 ng/ul m
RT: 21.45 min Scan# 4765
Delta R.T. -0.00 min
Lab File: BN003410.D
Acq: 02 Nov 2018 19:16

Tgt Ion:228 Resp: 30598

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.8	35.6
229	23.2	15.5	23.3

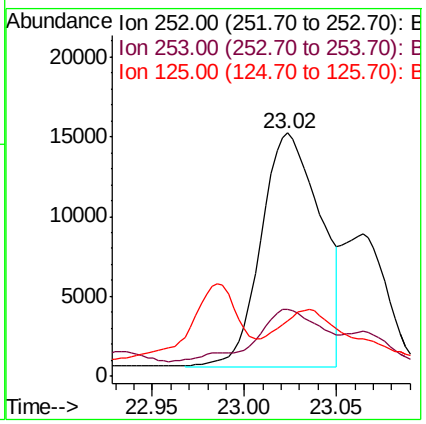




#21
Benzo(b)fluoranthene
Concen: 0.202 ng/ul m
RT: 23.02 min Scan# 5305
Delta R.T. -0.00 min
Lab File: BN003410.D
Acq: 02 Nov 2018 19:16

Tgt Ion:252 Resp: 32614

Ion	Ratio	Lower	Upper
252	100		
253	27.5	0.0	45.6
125	22.9	0.0	21.8#



Instrument :
BNA_N
ClientSampleId :
A40K1

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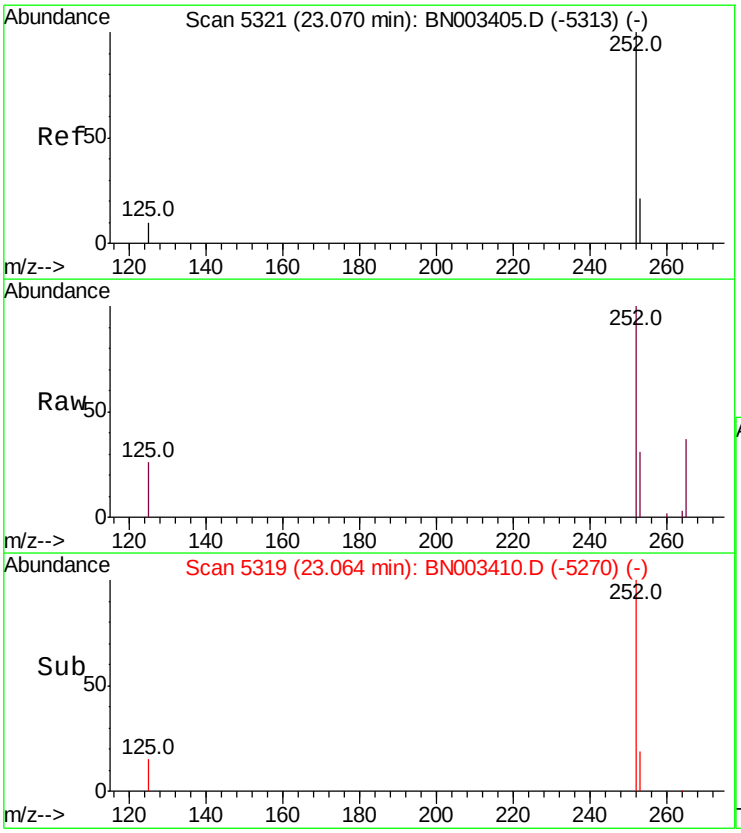
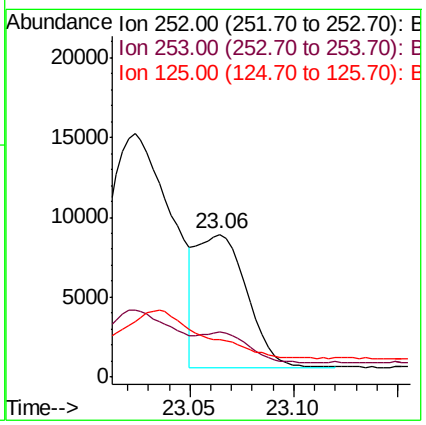
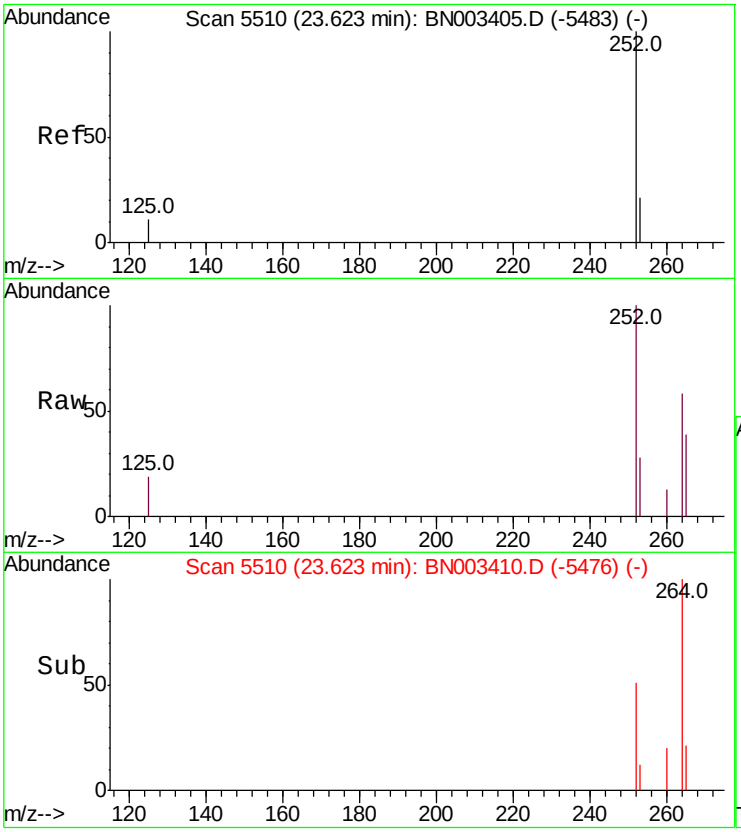


#22
Benzo(k)fluoranthene
Concen: 0.090 ng/ul m
RT: 23.06 min Scan# 5319
Delta R.T. -0.01 min
Lab File: BN003410.D
Acq: 02 Nov 2018 19:16

Tgt Ion:252 Resp: 14149

Ion	Ratio	Lower	Upper
252	100		
253	31.3	18.2	27.4#
125	26.1	8.6	13.0#

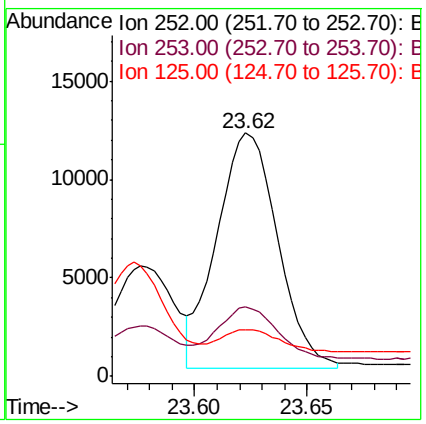




#23
Benzo(a)pyrene
Concen: 0.167 ng/ul m
RT: 23.62 min Scan# 5510
Delta R.T. -0.00 min
Lab File: BN003410.D
Acq: 02 Nov 2018 19:16

Tgt Ion:252 Resp: 22568

Ion	Ratio	Lower	Upper
252	100		
253	28.5	18.5	27.7#
125	19.2	9.9	14.9#



Instrument :
BNA_N
ClientSampleId :
A40K1

Manual Integrations APPROVED
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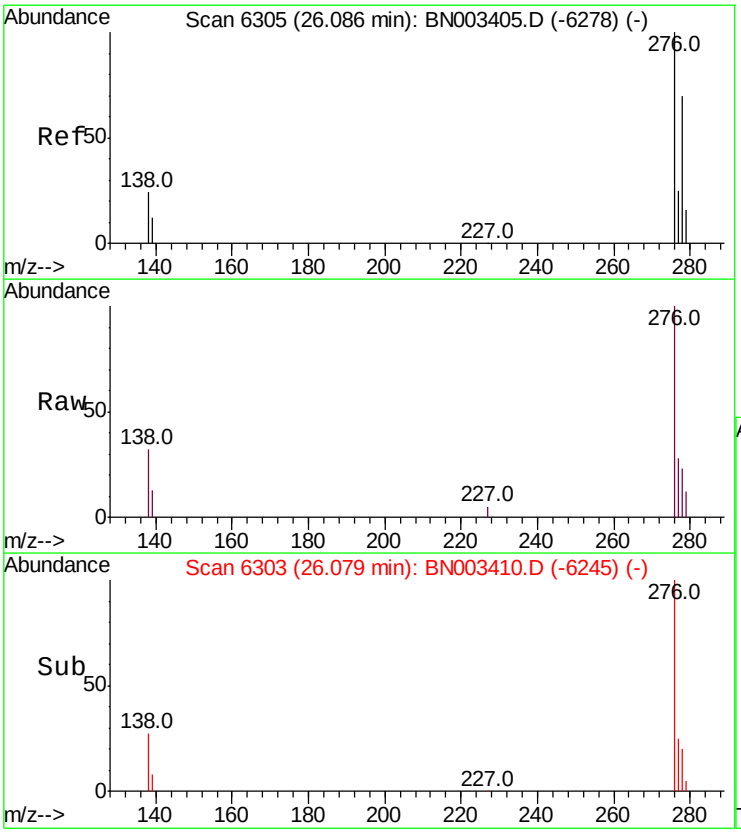
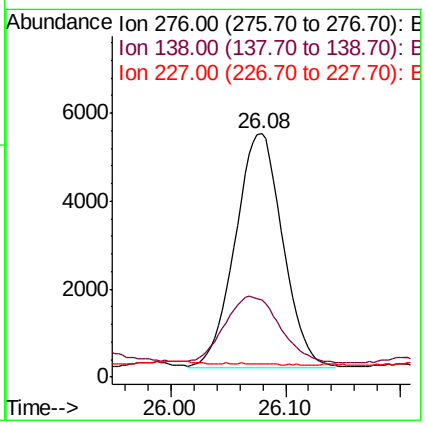
11/5/2018 4:09:16 PM

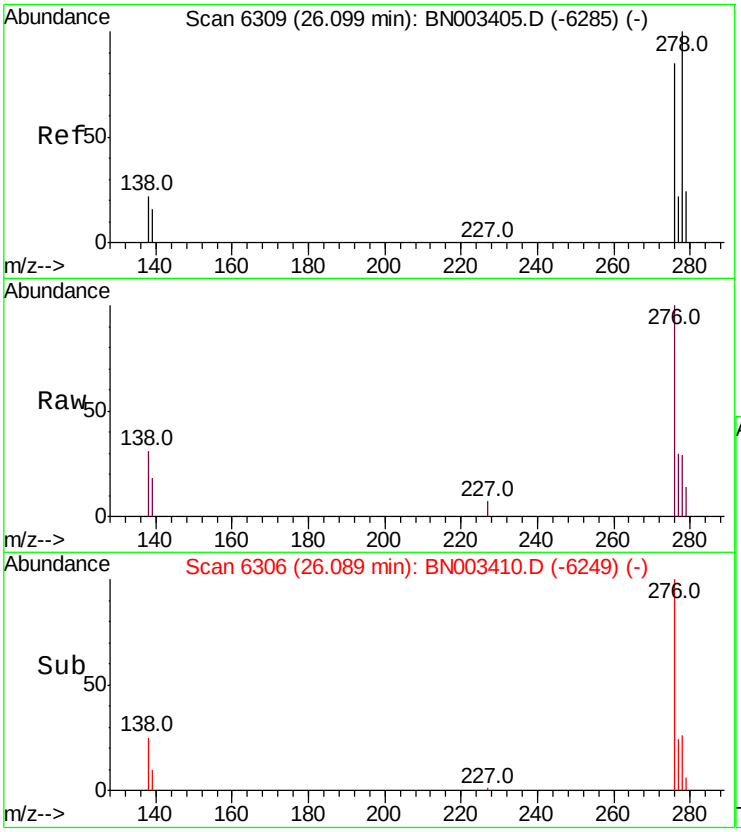


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.104 ng/ul m
RT: 26.08 min Scan# 6303
Delta R.T. -0.01 min
Lab File: BN003410.D
Acq: 02 Nov 2018 19:16

Tgt Ion:276 Resp: 15065

Ion	Ratio	Lower	Upper
276	100		
138	0.0	19.8	29.8#
227	0.2	0.2	0.2





#25
Dibenzo(a,h)anthracene
Concen: 0.032 ng/ul m
RT: 26.09 min Scan# 6306
Delta R.T. -0.01 min
Lab File: BN003410.D
Acq: 02 Nov 2018 19:16

Tgt Ion:278 Resp: 3816

Ion	Ratio	Lower	Upper
278	100		
139	62.1	13.1	19.7#
279	48.3	19.5	29.3#

Instrument :
BNA_N
ClientSampleId :
A40K1

Manual Integrations APPROVED
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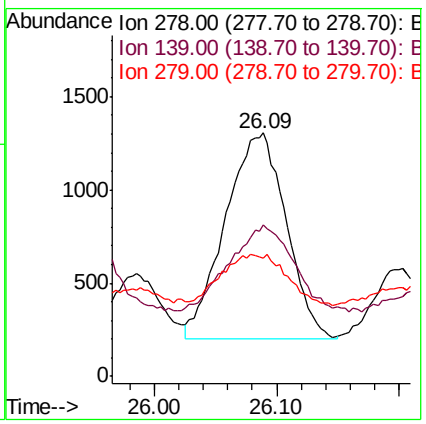

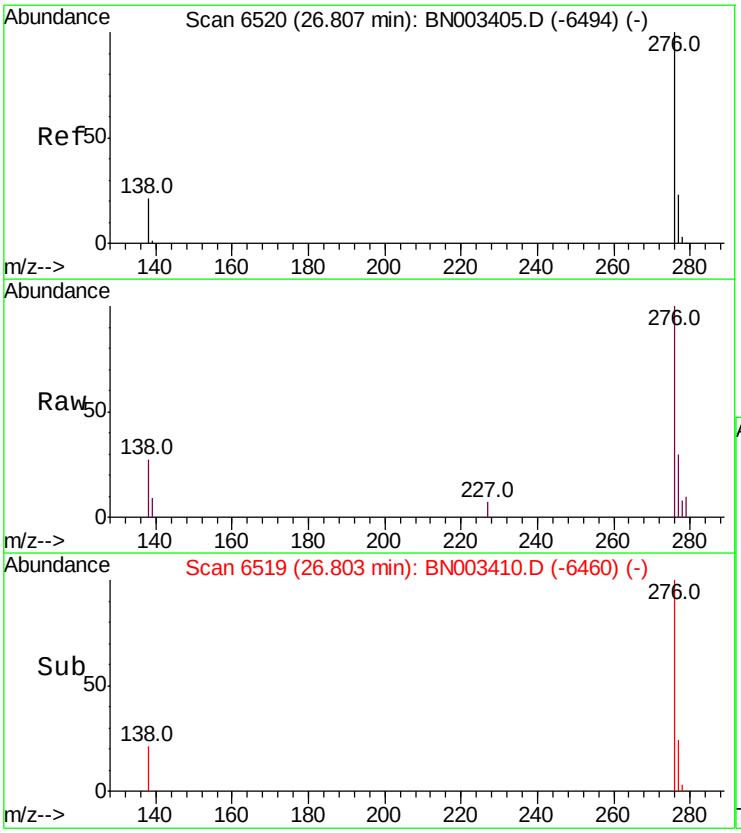

#26
Benzo(g,h,i)perylene
Concen: 0.094 ng/ul m
RT: 26.80 min Scan# 6519
Delta R.T. -0.00 min
Lab File: BN003410.D
Acq: 02 Nov 2018 19:16

Tgt Ion:276 Resp: 11635

Ion	Ratio	Lower	Upper
276	100		
138	27.2	17.0	25.6#
277	29.5	19.2	28.8#