Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
Data File : BN002486.D
Acq On : 24 Aug 2018 03:11
Operator : JU/SJ
Sample : J4424-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 24 04:45:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 24 02:20:09 2018
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : A3YS4

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	1735	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	7225	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.31	164	4272	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	9641m	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	10171m	0.40	ng/ul	0.00
20) Perylene-d12	23.47	264	9372m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	4618	0.40	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	12438m	0.44	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.49	128	449	0.024	ng/ul#	60
7) Acenaphthylene	14.02	152	409	0.020	ng/ul#	66
12) Phenanthrene	17.09	178	1754m	0.062	ng/ul	
15) Fluoranthene	19.12	202	2986m	0.089	ng/ul	
17) Pyrene	19.48	202	3235	0.093	ng/ul#	95
18) Benzo(a)anthracene	21.24	228	3674	0.121	ng/ul#	87
19) Chrysene	21.29	228	2728	0.079	ng/ul	95
21) Benzo(b)fluoranthene	22.81	252	10061m	0.299	ng/ul	
22) Benzo(k)fluoranthene	22.85	252	3727m	0.107	ng/ul	
23) Benzo(a)pyrene	23.37	252	5665	0.179	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	25.69	276	4973	0.151	ng/ul#	78
25) Dibenzo(a,h)anthracene	25.69	278	1187	0.046	ng/ul#	76
26) Benzo(g,h,i)perylene	26.37	276	5072	0.179	ng/ul	98

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

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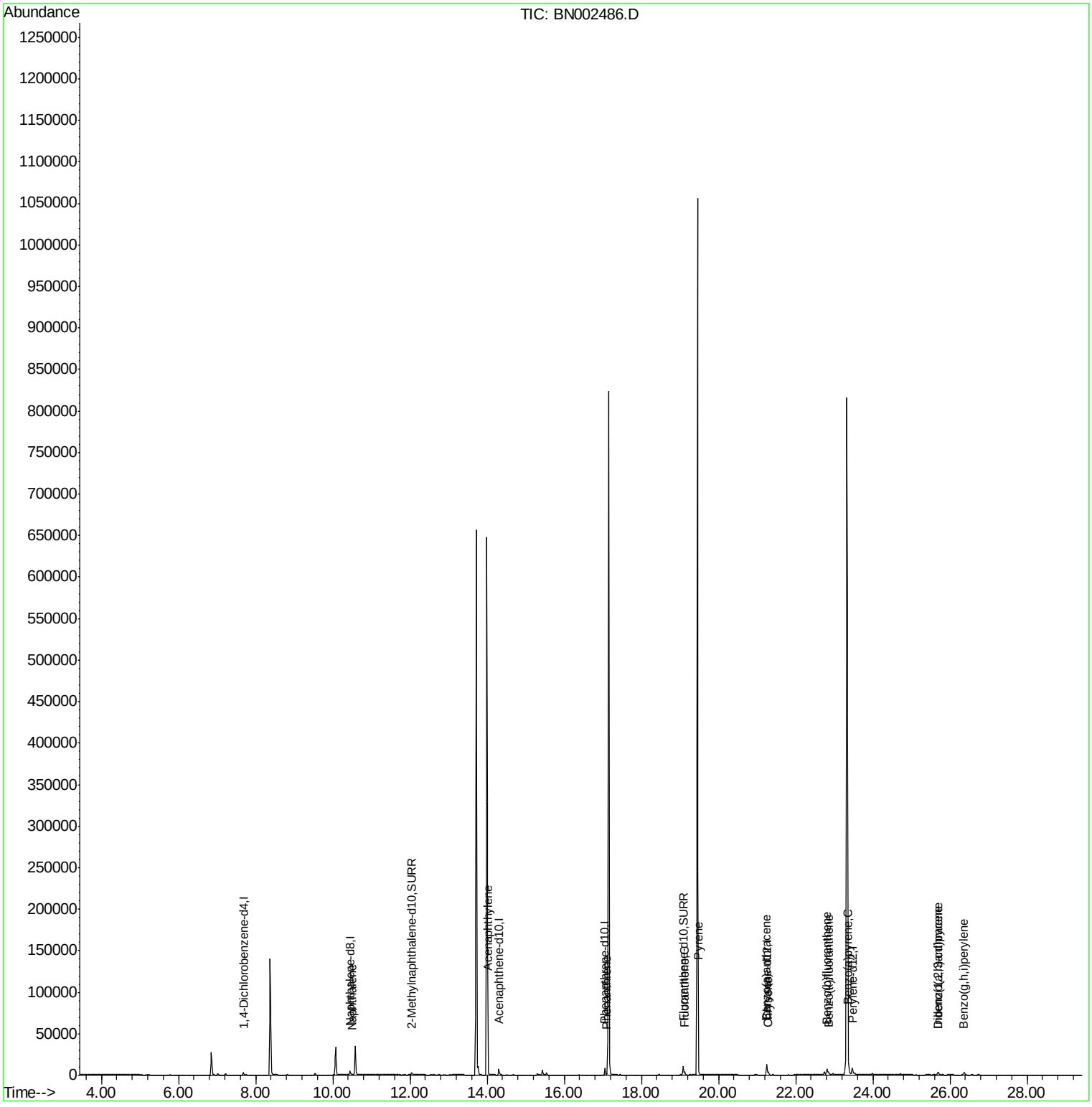
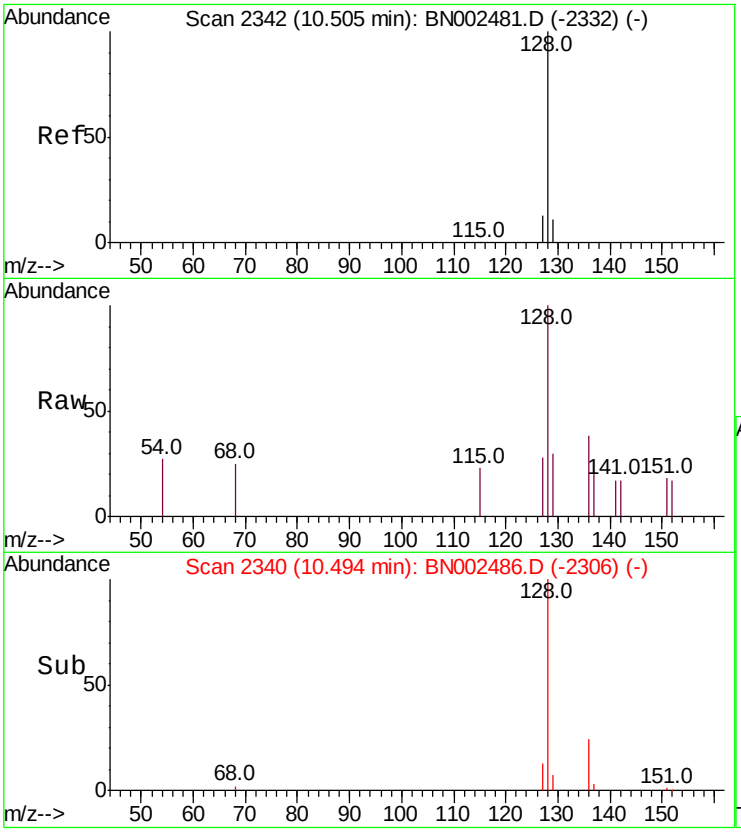
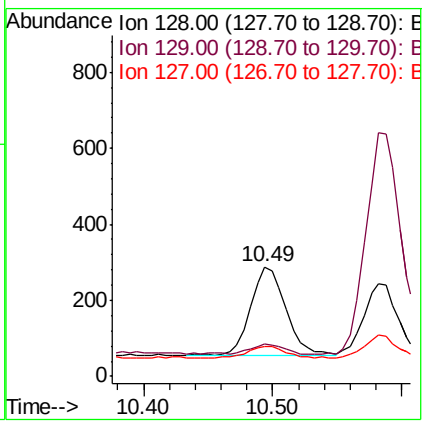




#3
Naphthalene
Concen: 0.024 ng/ul
RT: 10.49 min Scan# 2340
Delta R.T. -0.01 min
Lab File: BN002486.D
Acq: 24 Aug 2018 03:11

Tgt Ion:128 Resp: 449

Ion	Ratio	Lower	Upper
128	100		
129	29.9	8.0	12.0#
127	27.8	12.0	18.0#



Instrument :
BNA_N
ClientSampleId :
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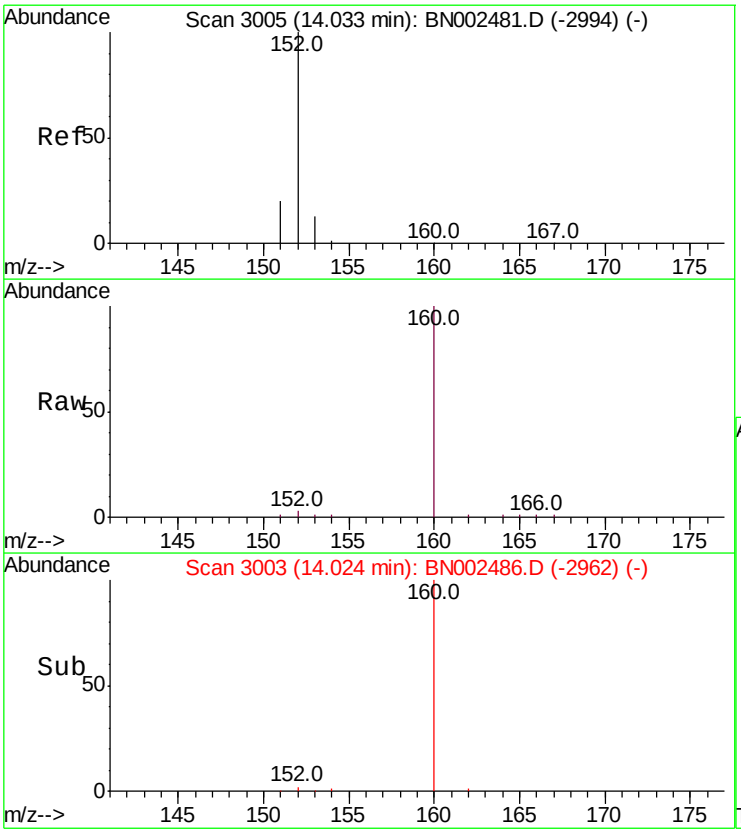
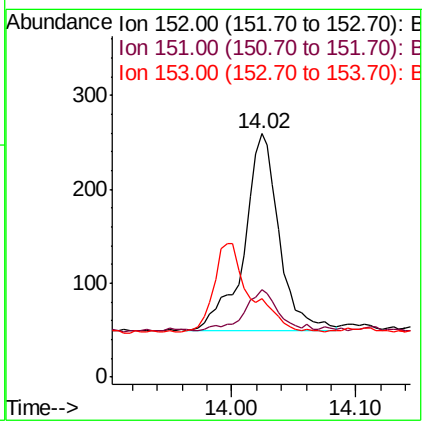
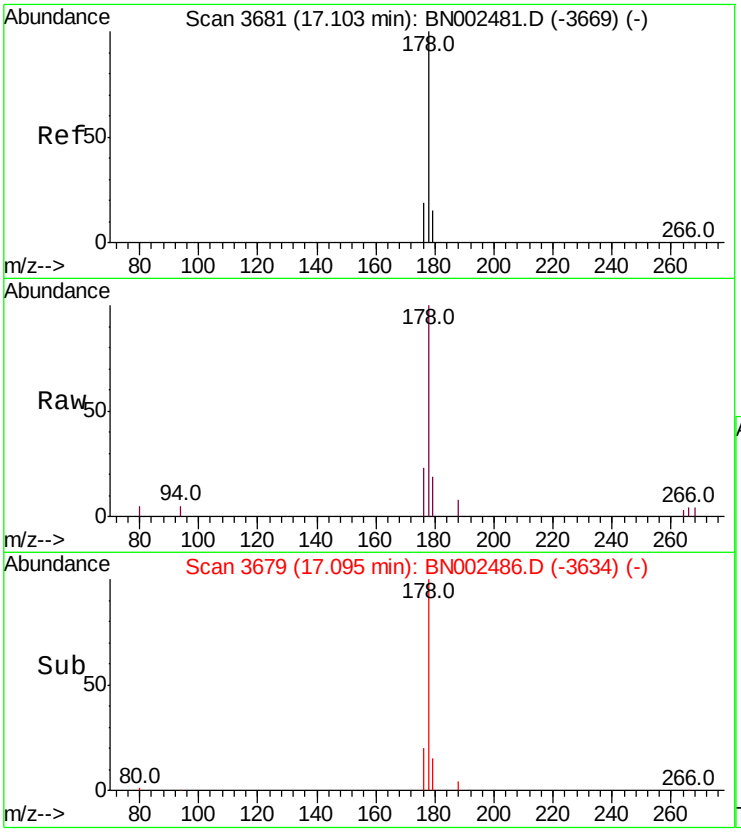


#7
Acenaphthylene
Concen: 0.020 ng/ul
RT: 14.02 min Scan# 3003
Delta R.T. -0.01 min
Lab File: BN002486.D
Acq: 24 Aug 2018 03:11

Tgt Ion:152 Resp: 409

Ion	Ratio	Lower	Upper
152	100		
151	35.9	17.1	25.7#
153	32.4	12.8	19.2#

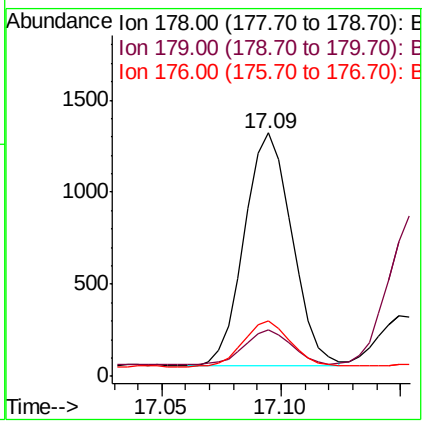




#12
Phenanthrene
Concen: 0.062 ng/ul m
RT: 17.09 min Scan# 3679
Delta R.T. -0.01 min
Lab File: BN002486.D
Acq: 24 Aug 2018 03:11

Tgt Ion:178 Resp: 1754

Ion	Ratio	Lower	Upper
178	100		
179	19.1	18.4	27.6
176	22.8	13.6	20.4#



Instrument :
BNA_N
ClientSampleId :
A3YS4

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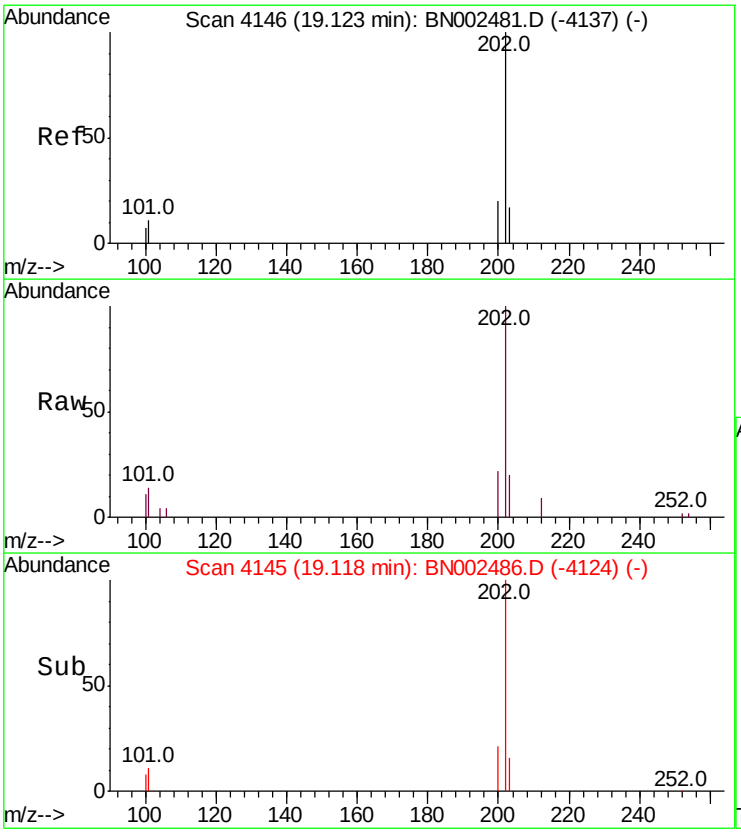
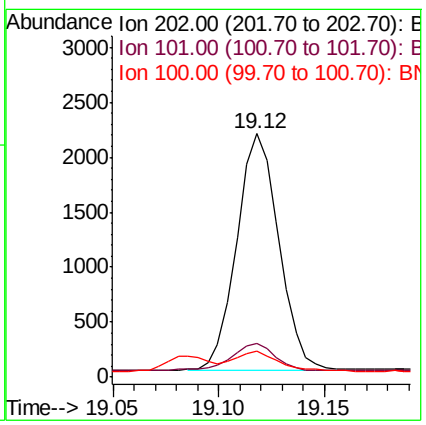
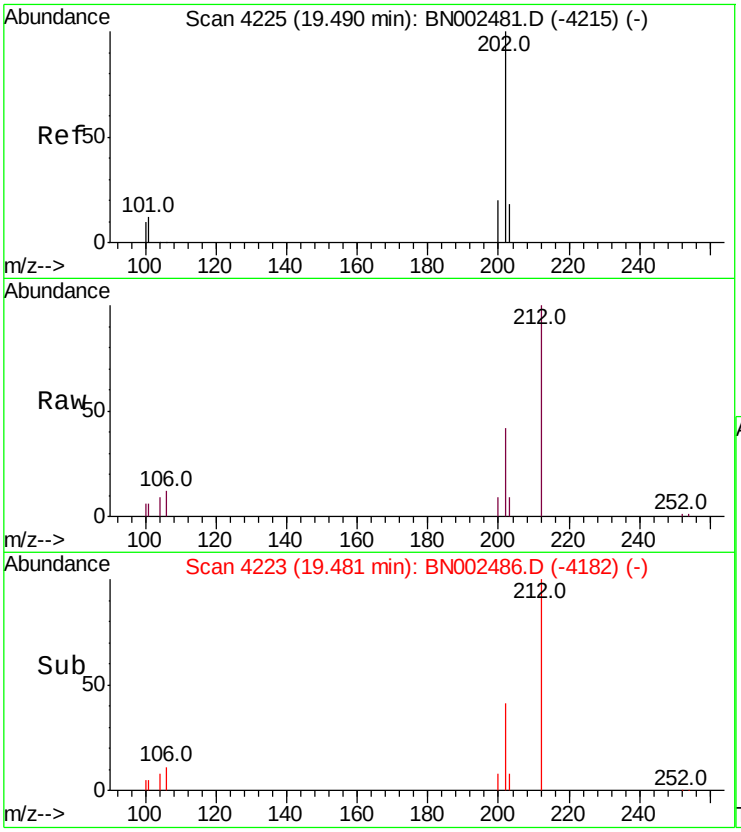


#15
Fluoranthene
Concen: 0.089 ng/ul m
RT: 19.12 min Scan# 4145
Delta R.T. -0.00 min
Lab File: BN002486.D
Acq: 24 Aug 2018 03:11

Tgt Ion:202 Resp: 2986

Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	30.0
100	10.8	0.0	30.0





#17
Pyrene
Concen: 0.093 ng/ul
RT: 19.48 min Scan# 4223
Delta R.T. -0.01 min
Lab File: BN002486.D
Acq: 24 Aug 2018 03:11

Tgt Ion:202 Resp: 3235

Ion	Ratio	Lower	Upper
202	100		
101	14.9	12.0	18.0
100	14.9	8.0	12.0#

Instrument :
BNA_N
ClientSampleId :
A3YS4

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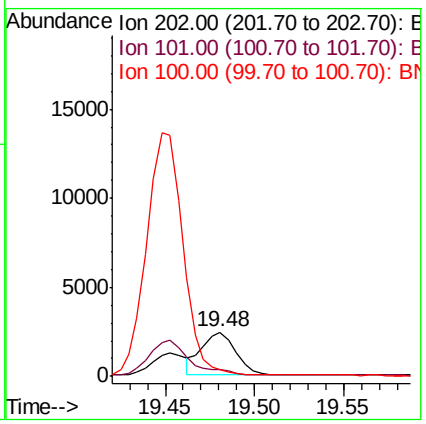
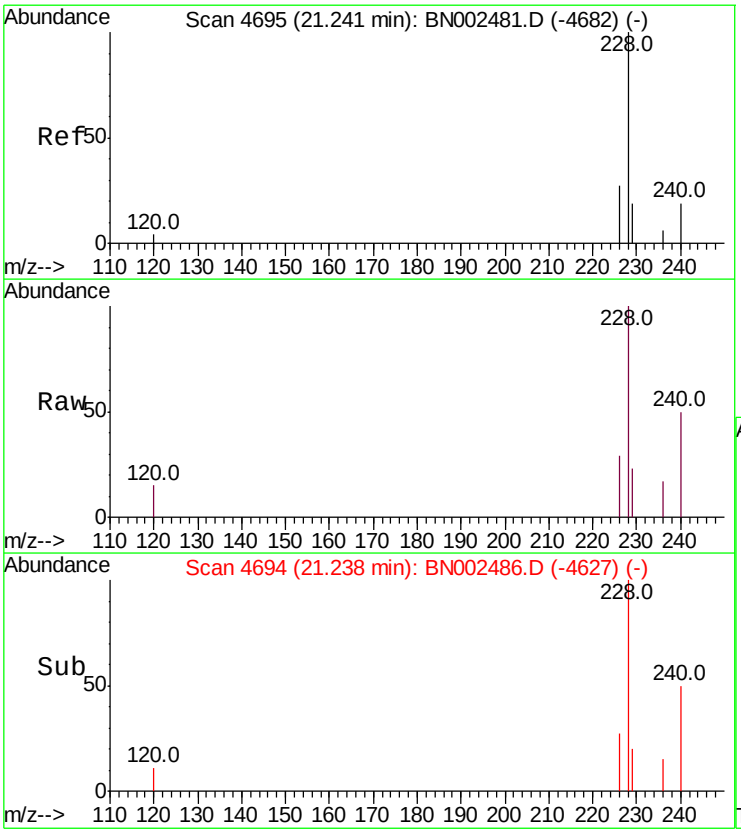
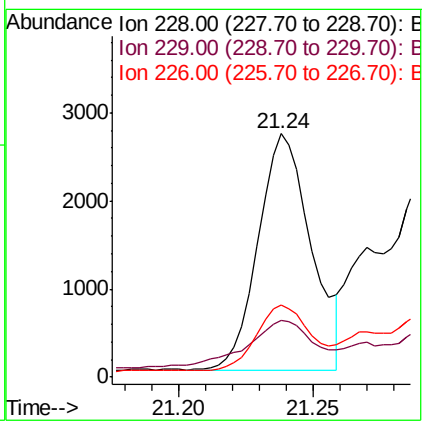


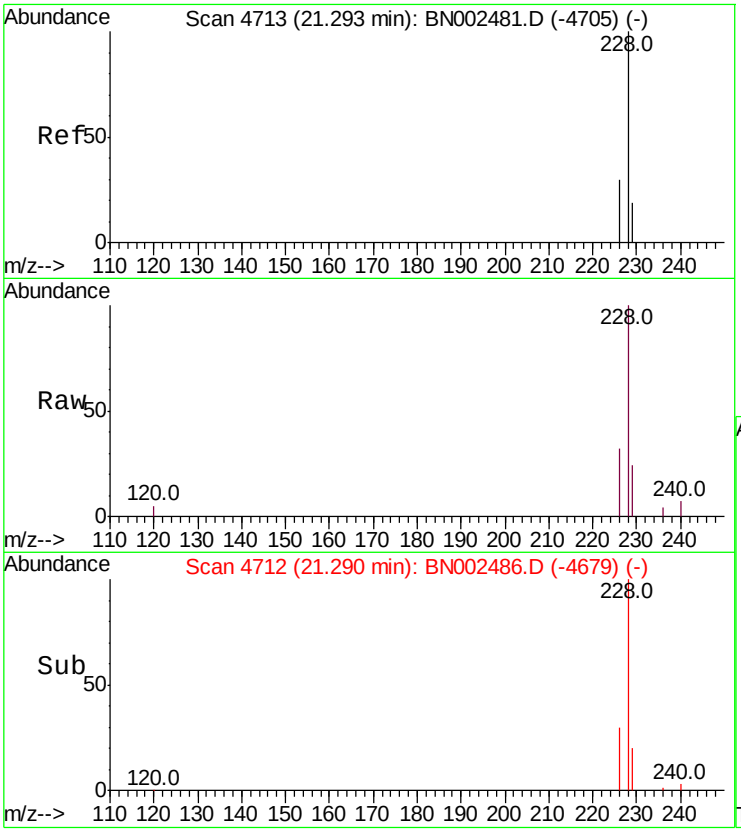


#18
Benzo(a)anthracene
Concen: 0.121 ng/ul
RT: 21.24 min Scan# 4694
Delta R.T. -0.00 min
Lab File: BN002486.D
Acq: 24 Aug 2018 03:11

Tgt Ion:228 Resp: 3674

Ion	Ratio	Lower	Upper
228	100		
229	23.3	22.8	34.2
226	29.5	17.0	25.6#

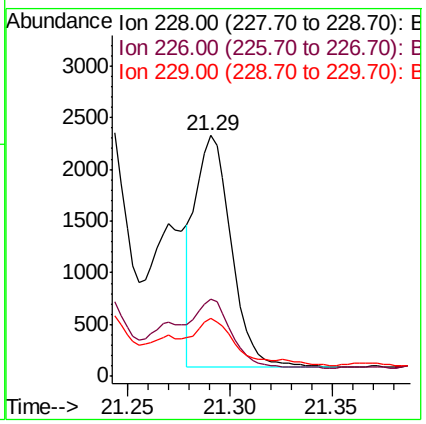




#19
Chrysene
Concen: 0.079 ng/ul
RT: 21.29 min Scan# 4712
Delta R.T. -0.00 min
Lab File: BN002486.D
Acq: 24 Aug 2018 03:11

Tgt Ion:228 Resp: 2728

Ion	Ratio	Lower	Upper
228	100		
226	32.3	23.4	35.0
229	24.1	17.7	26.5



Instrument :
BNA_N
ClientSampleId :
A3YS4

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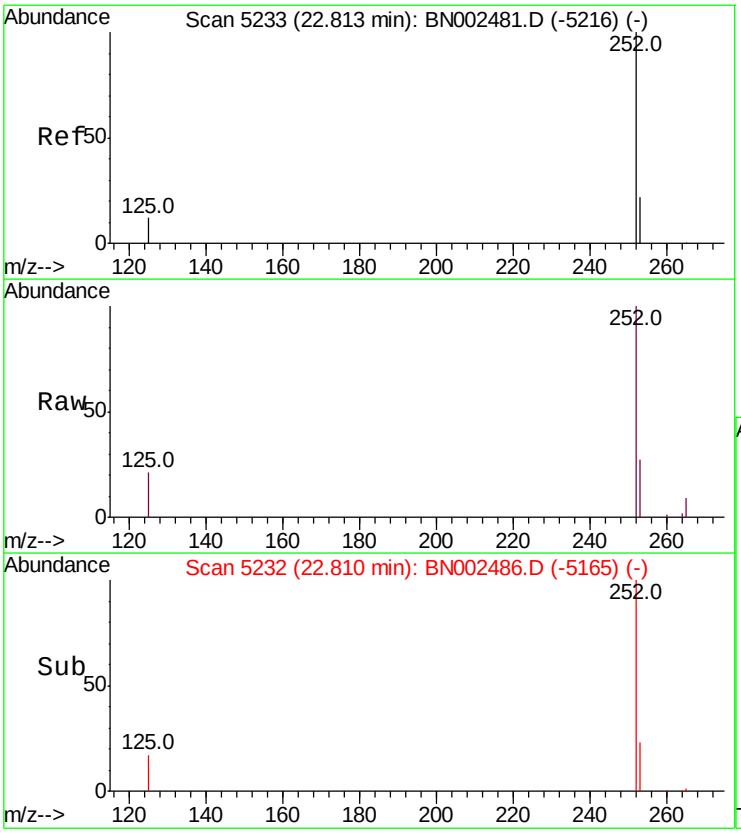
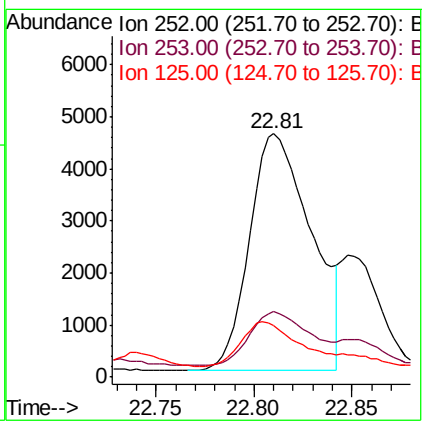
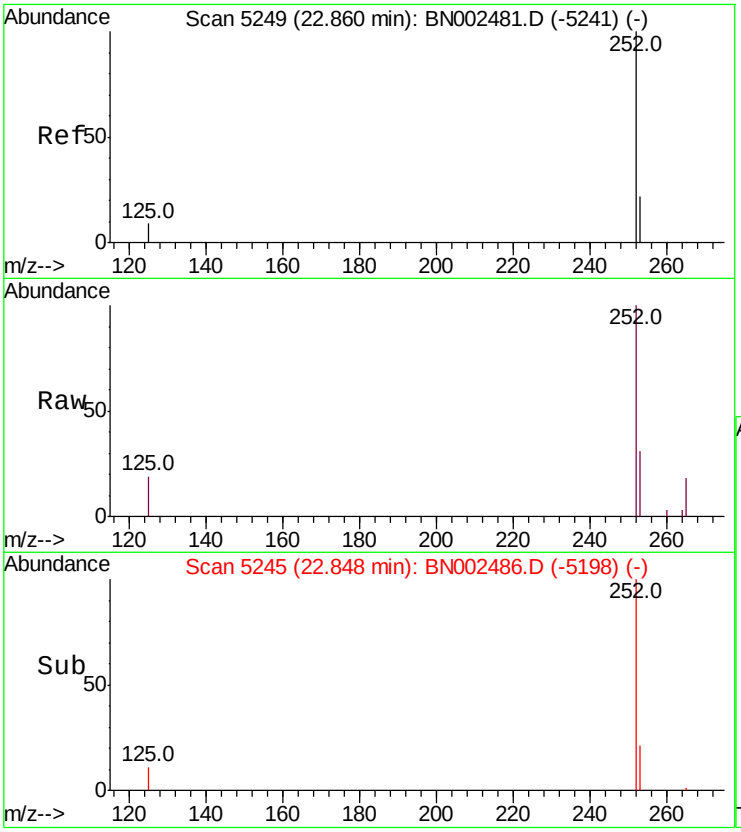


#21
Benzo(b)fluoranthene
Concen: 0.299 ng/ul m
RT: 22.81 min Scan# 5232
Delta R.T. -0.00 min
Lab File: BN002486.D
Acq: 24 Aug 2018 03:11

Tgt Ion:252 Resp: 10061

Ion	Ratio	Lower	Upper
252	100		
253	27.0	0.0	64.2
125	21.1	0.0	35.0

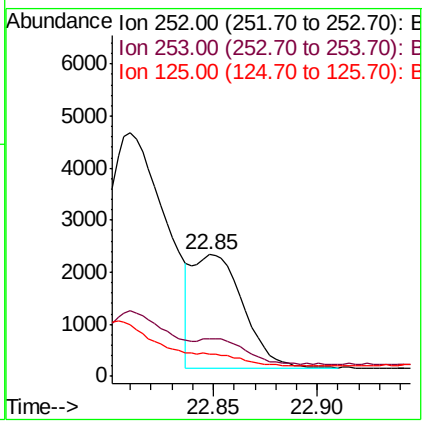




#22
Benzo(k)fluoranthene
Concen: 0.107 ng/ul m
RT: 22.85 min Scan# 5245
Delta R.T. -0.01 min
Lab File: BN002486.D
Acq: 24 Aug 2018 03:11

Tgt Ion:252 Resp: 3727

Ion	Ratio	Lower	Upper
252	100		
253	30.8	24.5	36.7
125	18.6	13.7	20.5



Instrument :
BNA_N
ClientSampleId :
A3YS4

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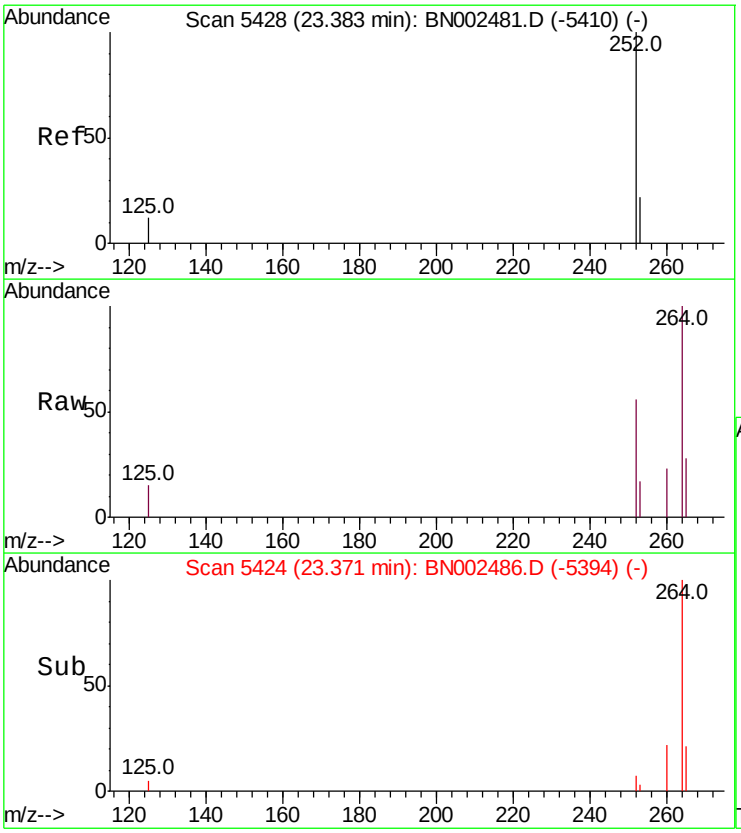
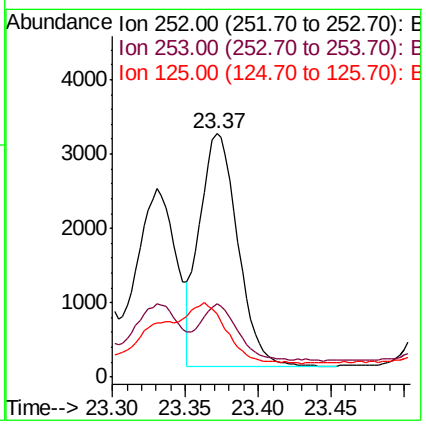
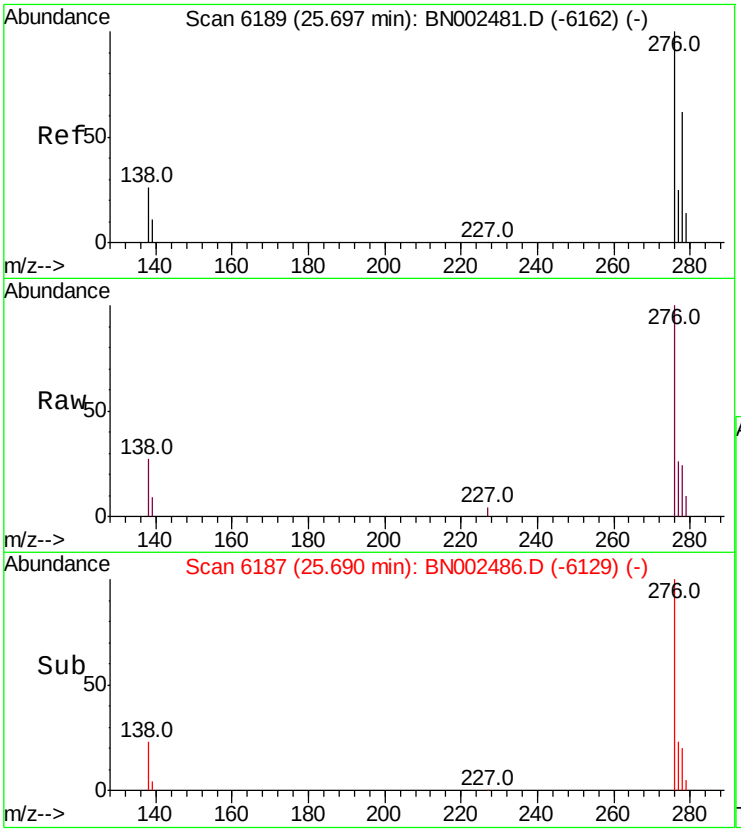


#23
Benzo(a)pyrene
Concen: 0.179 ng/ul
RT: 23.37 min Scan# 5424
Delta R.T. -0.01 min
Lab File: BN002486.D
Acq: 24 Aug 2018 03:11

Tgt Ion:252 Resp: 5665

Ion	Ratio	Lower	Upper
252	100		
253	30.0	16.0	24.0#
125	25.8	12.0	18.0#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.151 ng/ul
RT: 25.69 min Scan# 6187
Delta R.T. -0.01 min
Lab File: BN002486.D
Acq: 24 Aug 2018 03:11

Tgt Ion:276 Resp: 4973

Ion	Ratio	Lower	Upper
276	100		
138	21.7	28.0	42.0#
227	0.2	0.8	1.2#

Instrument :
BNA_N
ClientSampleId :
A3YS4

Manual Integrations APPROVED
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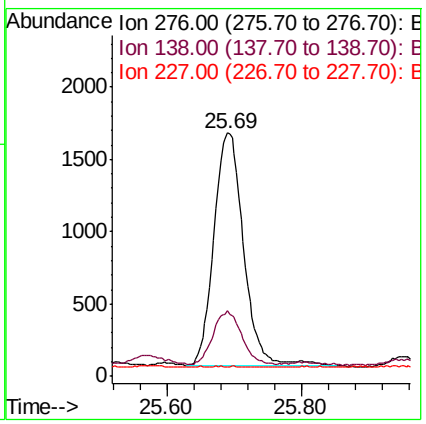
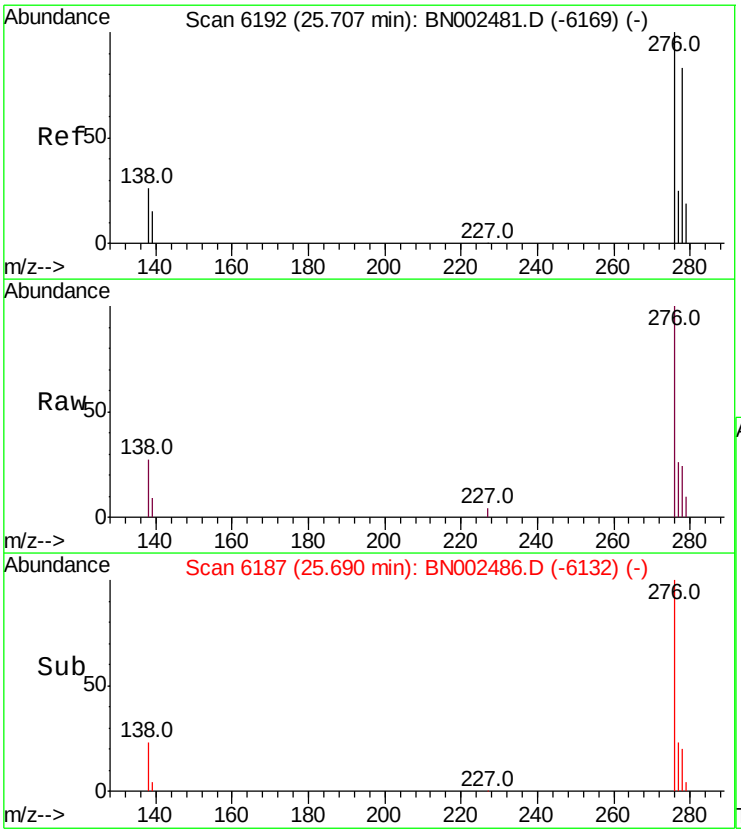
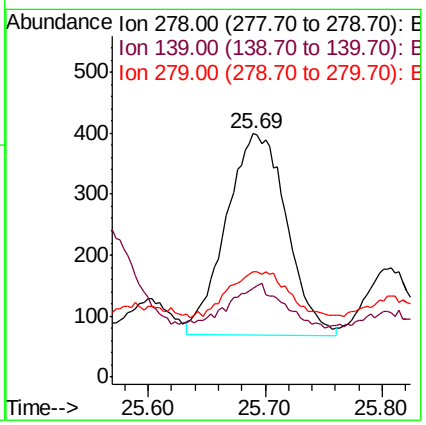


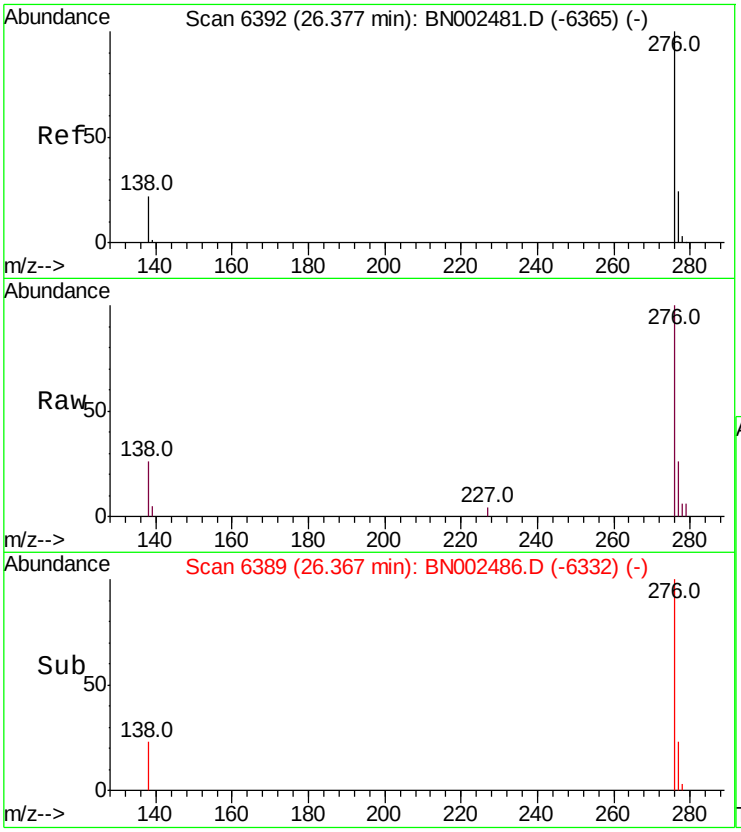


#25
Dibenzo(a,h)anthracene
Concen: 0.046 ng/ul
RT: 25.69 min Scan# 6187
Delta R.T. -0.02 min
Lab File: BN002486.D
Acq: 24 Aug 2018 03:11

Tgt Ion:278 Resp: 1187

Ion	Ratio	Lower	Upper
278	100		
139	36.3	17.4	26.0#
279	43.1	25.9	38.9#

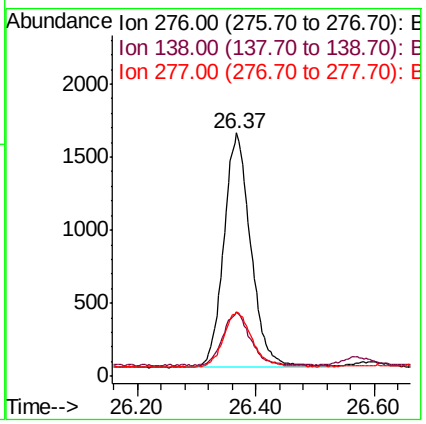




#26
Benzo(g,h,i)perylene
Concen: 0.179 ng/ul
RT: 26.37 min Scan# 6389
Delta R.T. -0.01 min
Lab File: BN002486.D
Acq: 24 Aug 2018 03:11

Tgt Ion:276 Resp: 5072

Ion	Ratio	Lower	Upper
276	100		
138	26.2	21.8	32.8
277	26.4	20.5	30.7



Instrument :
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ClientSampleId :
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