Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121518\
Data File : BN003976.D
Acq On : 16 Dec 2018 01:45
Operator : JU/SJ
Sample : J6171-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9Y16

Manual Integrations APPROVED
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Quant Time: Dec 16 02:30:33 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 : Sat Dec 15 23:04:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1765	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	8814	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5455	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	13873m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	17573m	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	16416m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	2901	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	9491m	0.23	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.68	128	3038	0.123	ng/ul#	91
5) 2-Methylnaphthalene	12.29	142	1058	0.061	ng/ul	100
12) Phenanthrene	17.26	178	11603	0.255	ng/ul	97
13) Anthracene	17.35	178	2077m	0.056	ng/ul	
15) Fluoranthene	19.27	202	3214m	0.060	ng/ul	
17) Pyrene	19.63	202	15219m	0.241	ng/ul	
18) Benzo(a)anthracene	21.38	228	6903m	0.124	ng/ul	
19) Chrysene	21.43	228	13574m	0.214	ng/ul	
21) Benzo(b)fluoranthene	23.01	252	4722m	0.070	ng/ul	
23) Benzo(a)pyrene	23.61	252	5236	0.089	ng/ul#	43
24) Indeno(1,2,3-cd)pyrene	26.07	276	3648	0.054	ng/ul#	98
25) Dibenzo(a,h)anthracene	26.07	278	2212	0.041	ng/ul#	1
26) Benzo(g,h,i)perylene	26.79	276	10742	0.183	ng/ul#	81

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

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Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED

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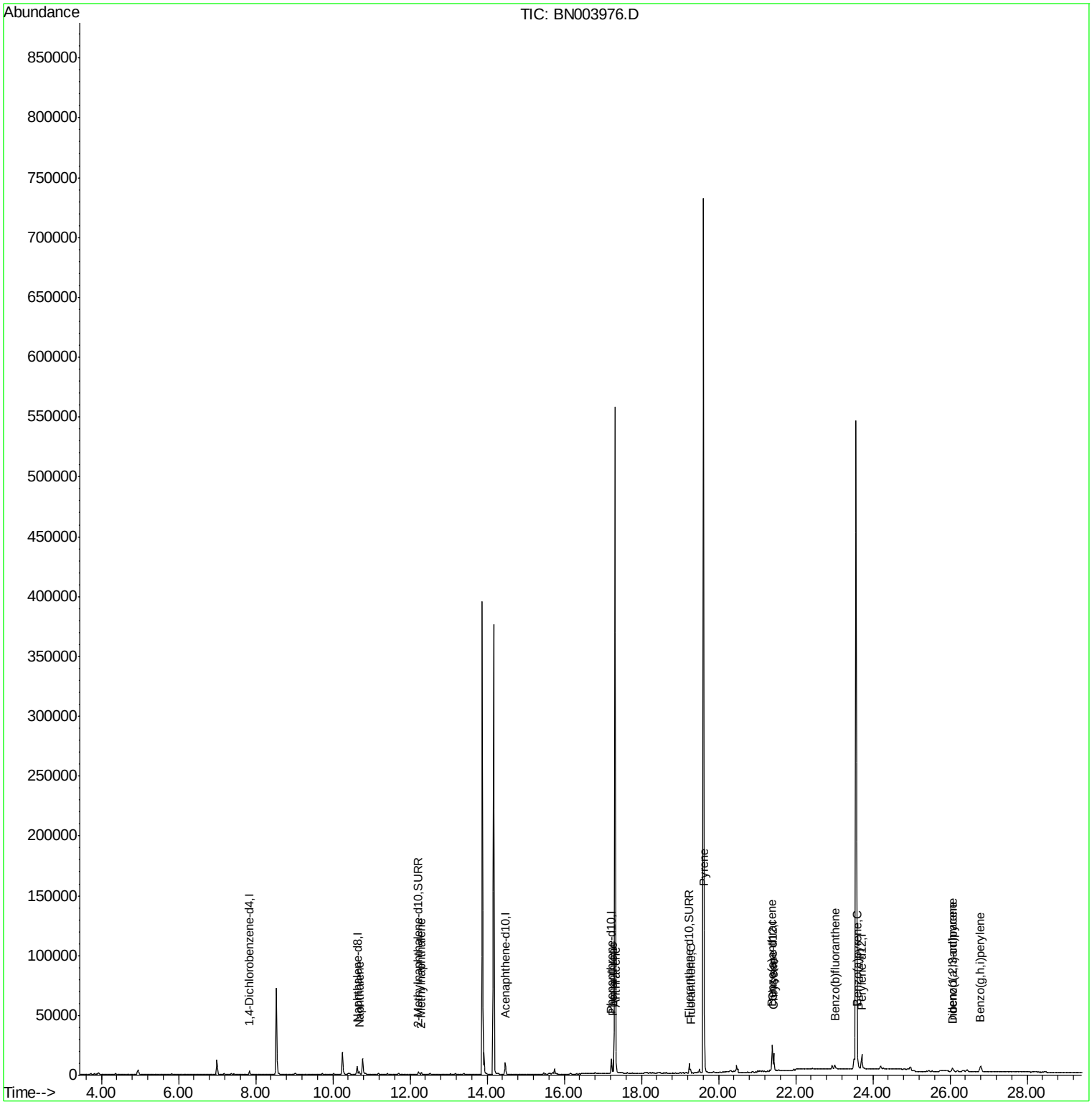

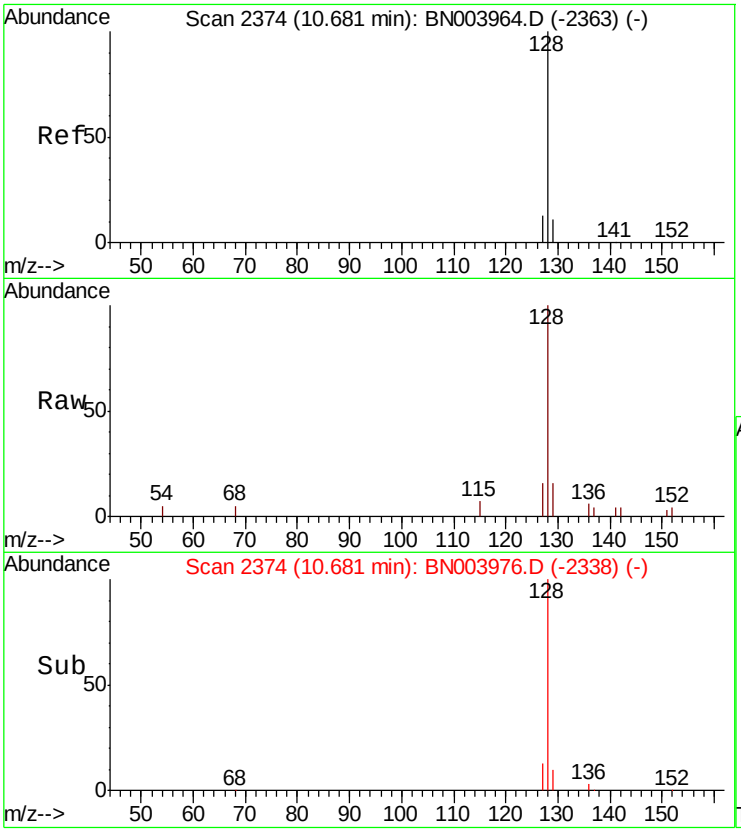

#3
Naphthalene
Concen: 0.123 ng/ul
RT: 10.68 min Scan# 2374
Delta R.T. 0.00 min
Lab File: BN003976.D
Acq: 16 Dec 2018 01:45

Tgt Ion:128 Resp: 3038

Ion	Ratio	Lower	Upper
128	100		
129	15.8	9.0	13.6#
127	16.0	10.5	15.7#

Instrument :
BNA_N
ClientSampleId :
F9Y16

Manual Integrations APPROVED

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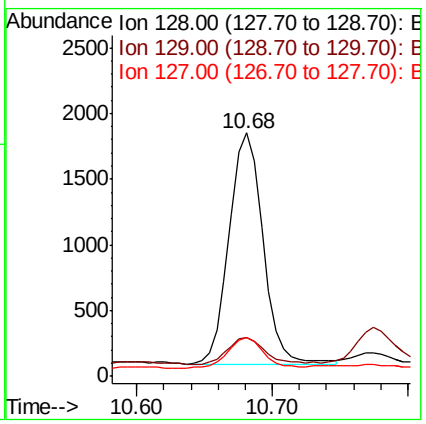
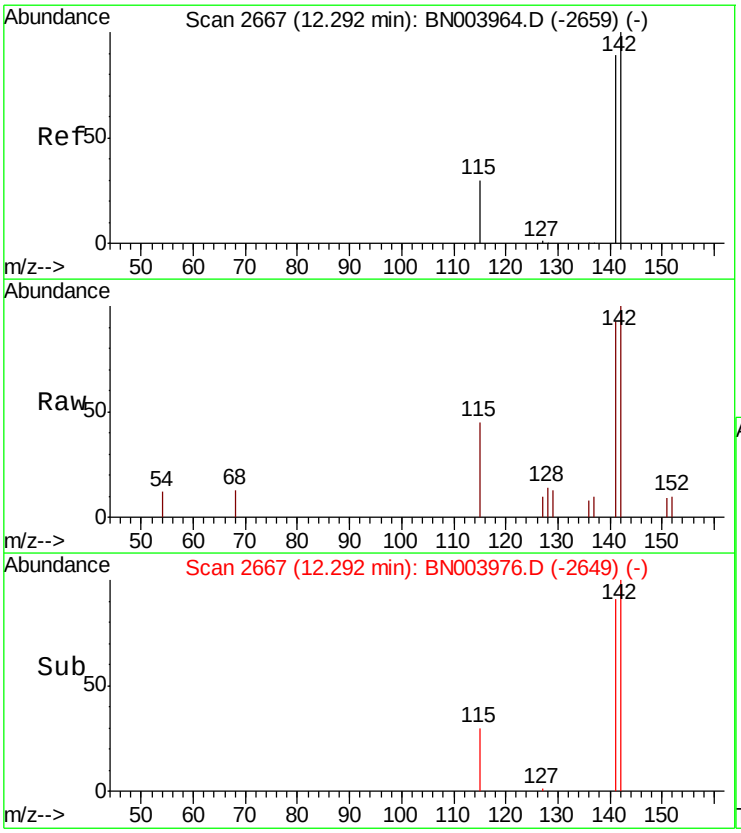
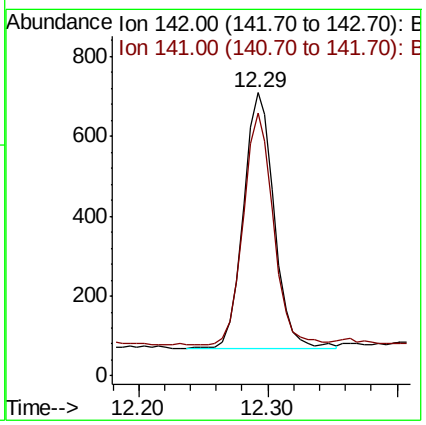


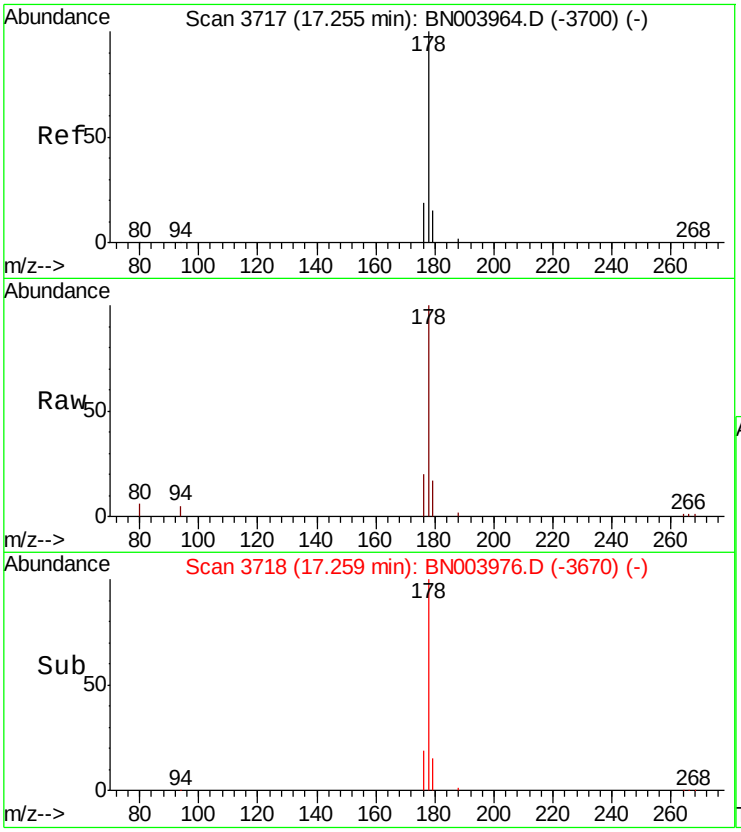


#5
2-Methylnaphthalene
Concen: 0.061 ng/ul
RT: 12.29 min Scan# 2667
Delta R.T. 0.00 min
Lab File: BN003976.D
Acq: 16 Dec 2018 01:45

Tgt Ion:142 Resp: 1058

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.5	107.3





#12
Phenanthrene
Concen: 0.255 ng/ul
RT: 17.26 min Scan# 3718
Delta R.T. 0.00 min
Lab File: BN003976.D
Acq: 16 Dec 2018 01:45

Tgt Ion:178 Resp: 11603

Ion	Ratio	Lower	Upper
178	100		
179	17.1	12.5	18.7
176	19.9	15.0	22.4

Instrument :
BNA_N
ClientSampleId :
F9Y16

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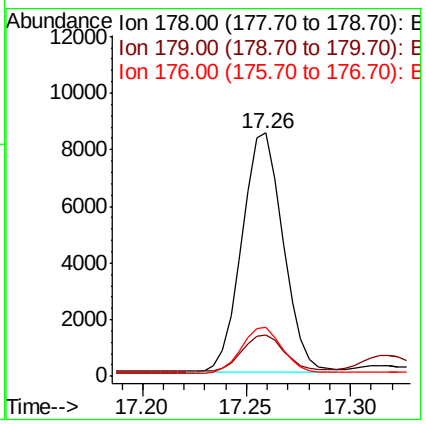
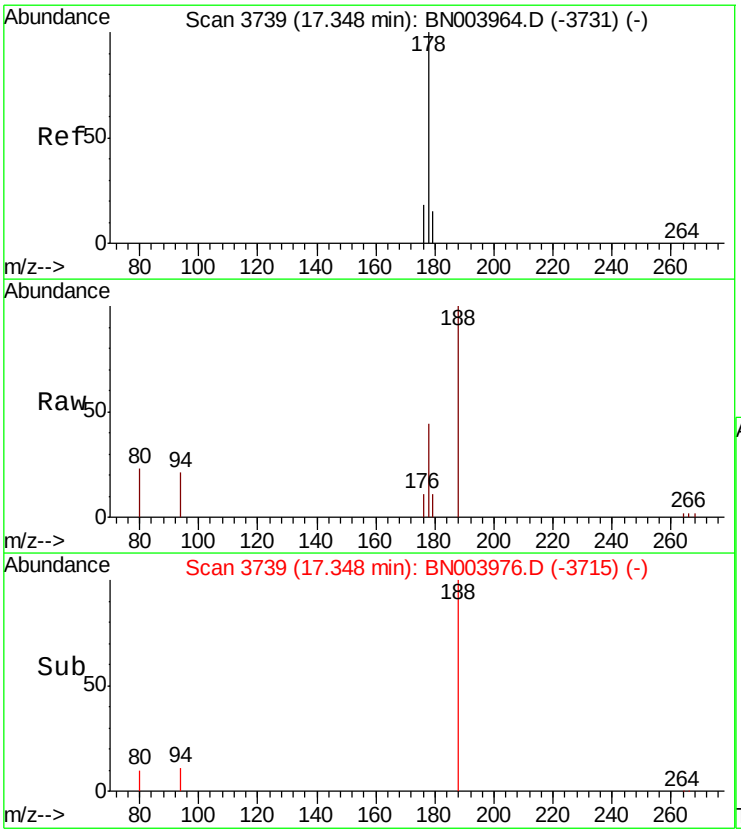
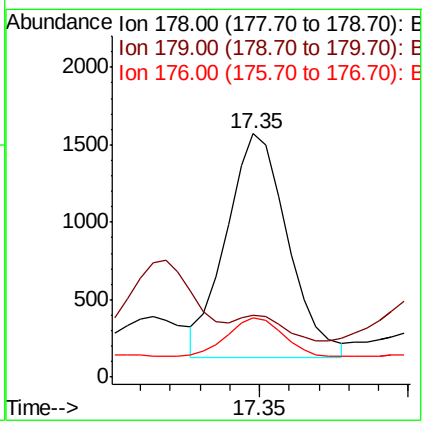


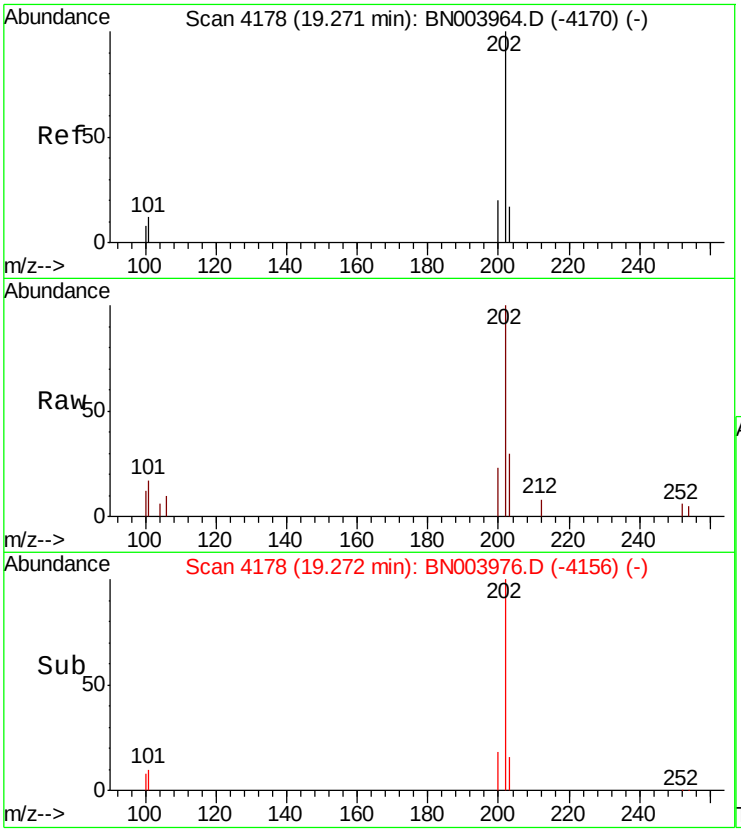


#13
Anthracene
Concen: 0.056 ng/ul m
RT: 17.35 min Scan# 3739
Delta R.T. 0.00 min
Lab File: BN003976.D
Acq: 16 Dec 2018 01:45

Tgt Ion:178 Resp: 2077

Ion	Ratio	Lower	Upper
178	100		
179	25.2	12.3	18.5#
176	24.2	14.8	22.2#

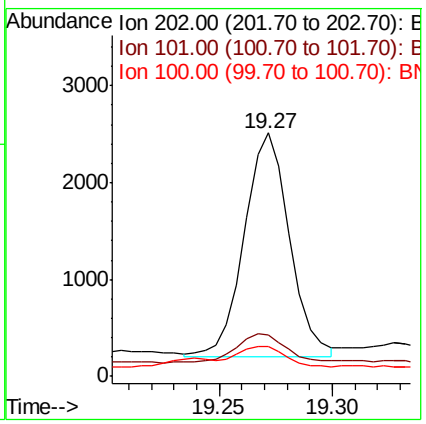




#15
Fluoranthene
Concen: 0.060 ng/ul m
RT: 19.27 min Scan# 4178
Delta R.T. 0.00 min
Lab File: BN003976.D
Acq: 16 Dec 2018 01:45

Tgt Ion:202 Resp: 3214

Ion	Ratio	Lower	Upper
202	100		
101	17.0	0.0	30.7
100	12.2	0.0	28.1



Instrument :
BNA_N
ClientSampleId :
F9Y16

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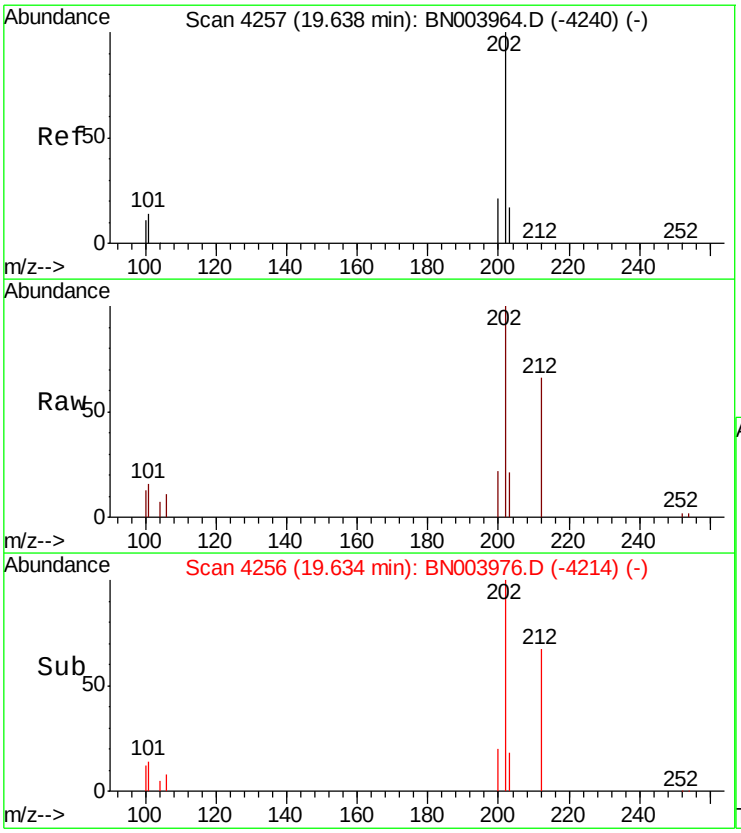
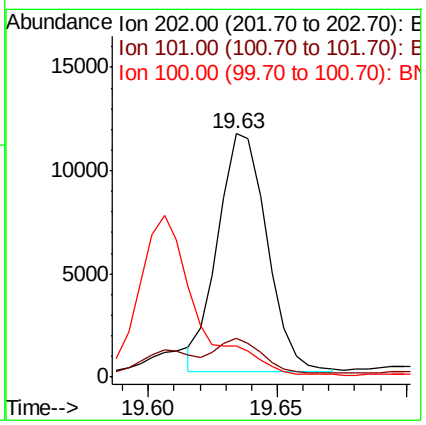
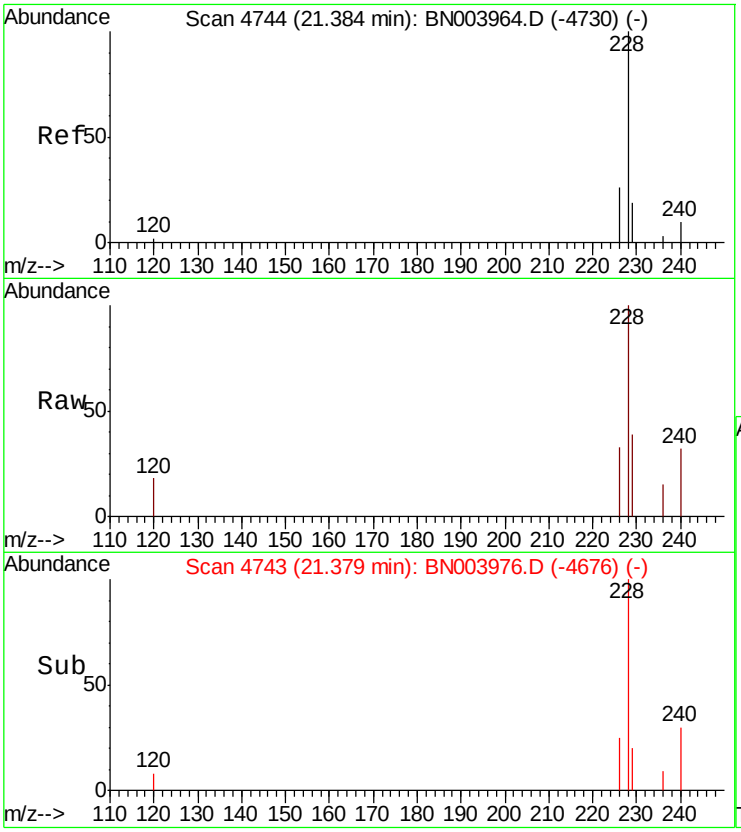


#17
Pyrene
Concen: 0.241 ng/ul m
RT: 19.63 min Scan# 4256
Delta R.T. -0.00 min
Lab File: BN003976.D
Acq: 16 Dec 2018 01:45

Tgt Ion:202 Resp: 15219

Ion	Ratio	Lower	Upper
202	100		
101	15.8	10.3	15.5#
100	12.8	8.5	12.7#





#18
Benzo(a)anthracene
Concen: 0.124 ng/ul m
RT: 21.38 min Scan# 4743
Delta R.T. -0.00 min
Lab File: BN003976.D
Acq: 16 Dec 2018 01:45

Tgt Ion:228 Resp: 6903

Ion	Ratio	Lower	Upper
228	100		
229	38.6	15.6	23.4#
226	33.5	21.1	31.7#

Instrument :
BNA_N
ClientSampleId :
F9Y16

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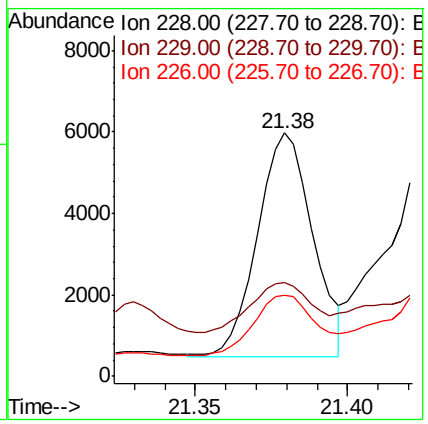
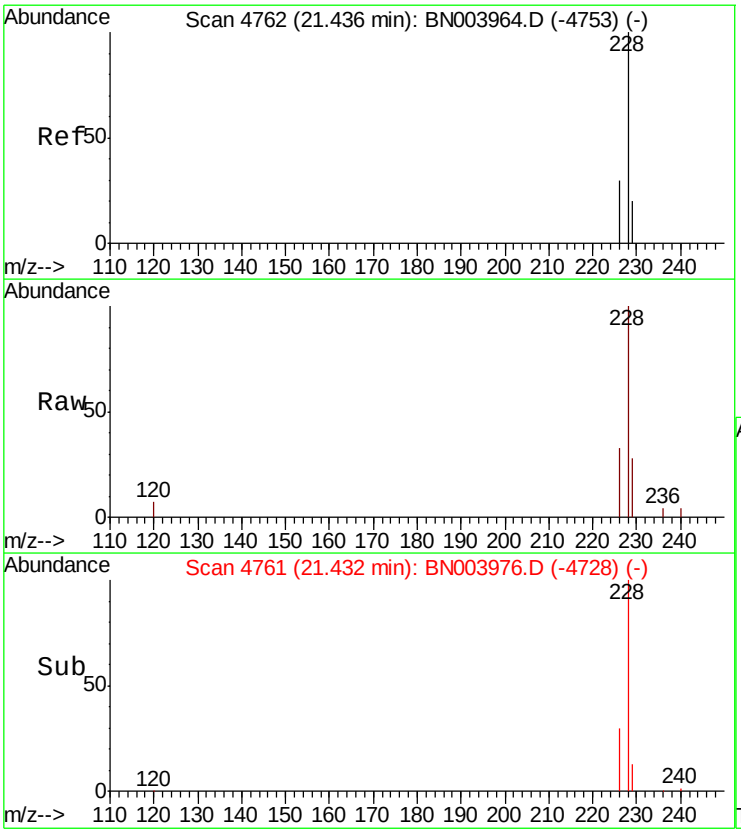
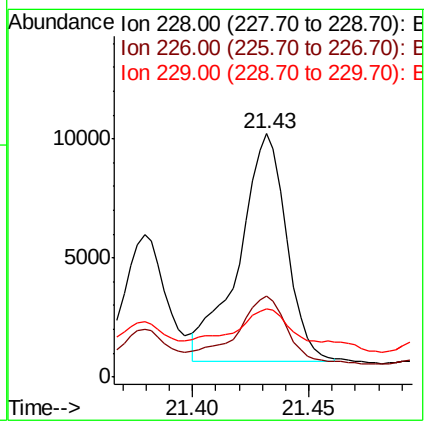


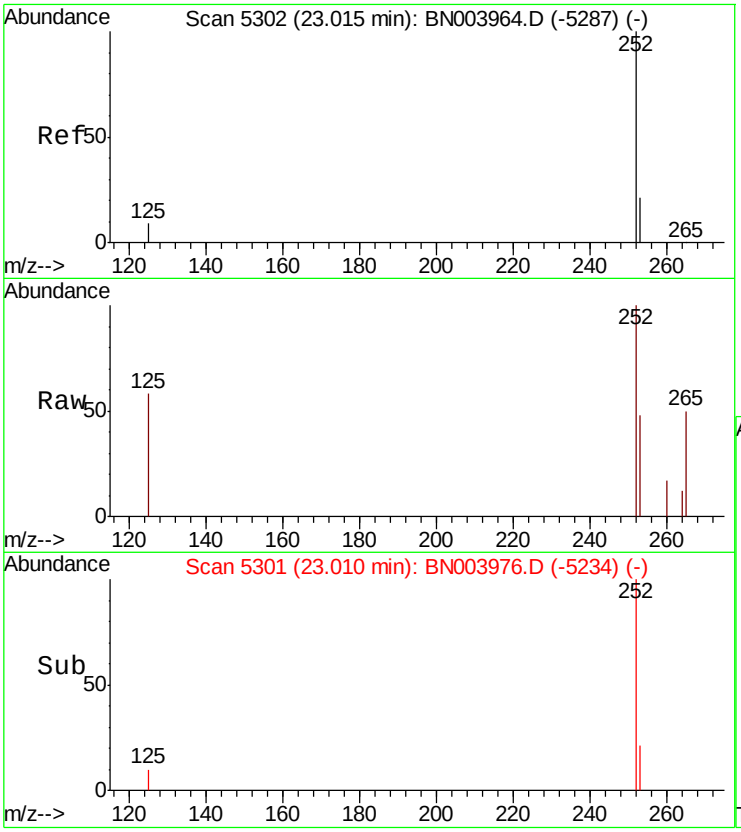


#19
Chrysene
Concen: 0.214 ng/ul m
RT: 21.43 min Scan# 4761
Delta R.T. -0.00 min
Lab File: BN003976.D
Acq: 16 Dec 2018 01:45

Tgt Ion:228 Resp: 13574

Ion	Ratio	Lower	Upper
228	100		
226	33.3	24.0	36.0
229	28.2	15.7	23.5#





#21
Benzo(b)fluoranthene
Concen: 0.070 ng/ul m
RT: 23.01 min Scan# 5301
Delta R.T. -0.00 min
Lab File: BN003976.D
Acq: 16 Dec 2018 01:45

Tgt Ion:252 Resp: 4722

Ion	Ratio	Lower	Upper
252	100		
253	47.8	0.0	46.0#
125	58.0	0.0	22.4#

Instrument :
BNA_N
ClientSampleId :
F9Y16

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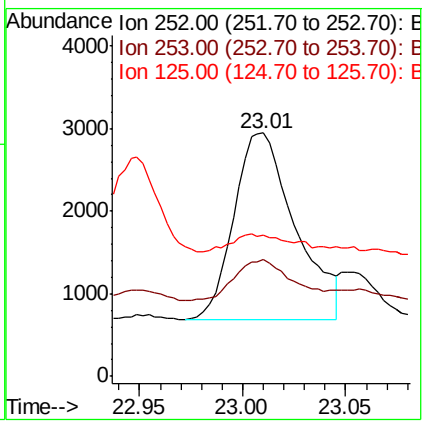
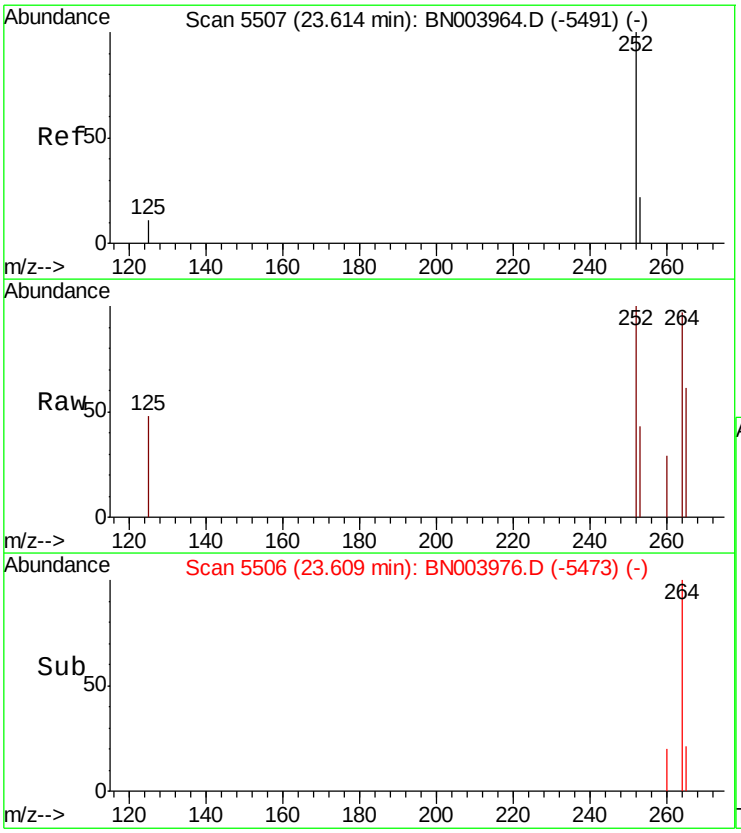
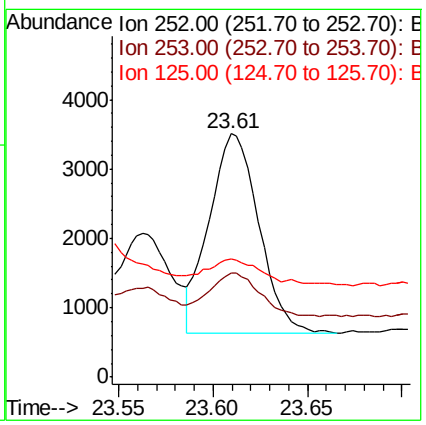


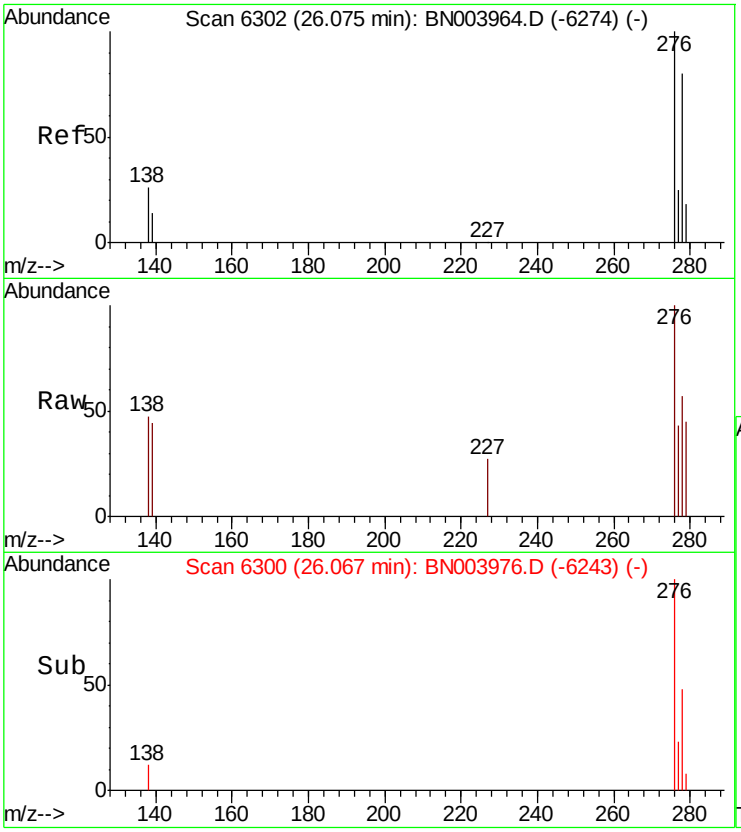


#23
Benzo(a)pyrene
Concen: 0.089 ng/ul
RT: 23.61 min Scan# 5506
Delta R.T. -0.00 min
Lab File: BN003976.D
Acq: 16 Dec 2018 01:45

Tgt Ion:252 Resp: 5236

Ion	Ratio	Lower	Upper
252	100		
253	42.6	19.0	28.4#
125	48.4	10.2	15.4#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.054 ng/ul
RT: 26.07 min Scan# 6300
Delta R.T. -0.01 min
Lab File: BN003976.D
Acq: 16 Dec 2018 01:45

Tgt Ion:276 Resp: 3648

Ion	Ratio	Lower	Upper
276	100		
138	26.5	20.3	30.5
227	0.6	0.2	0.2#

Instrument :
BNA_N
ClientSampleId :
F9Y16

Manual Integrations APPROVED

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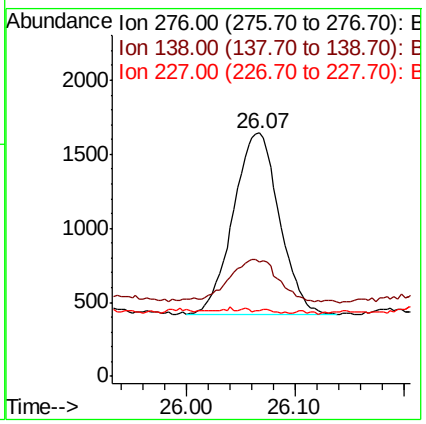
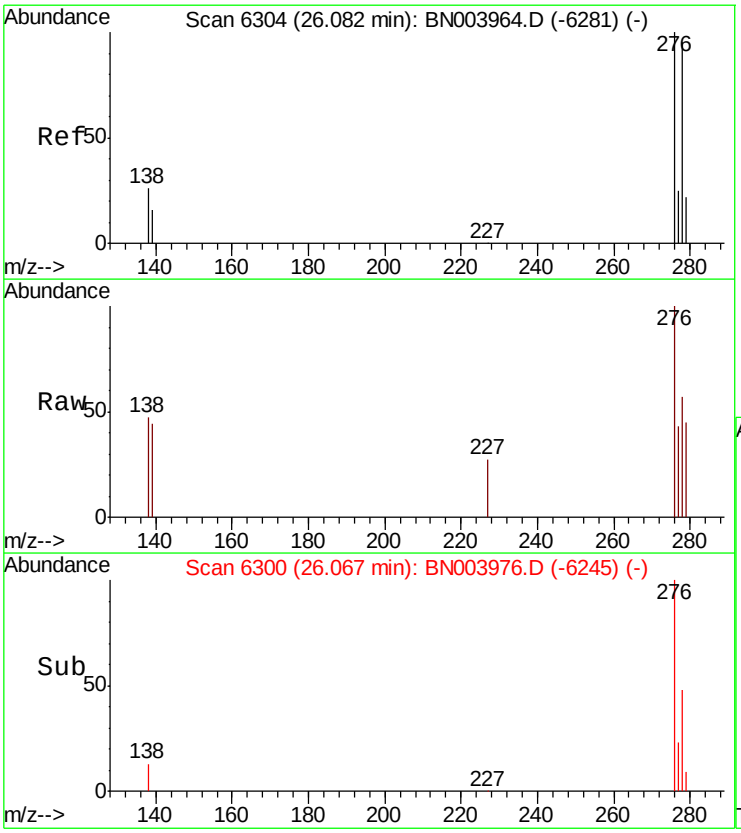
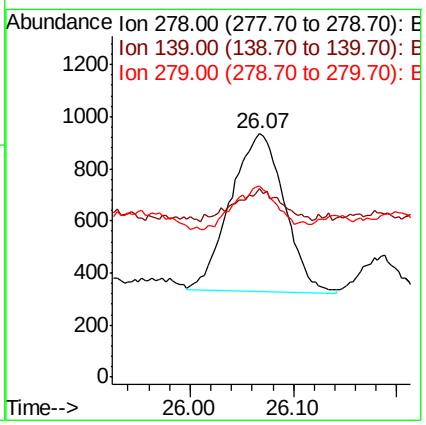


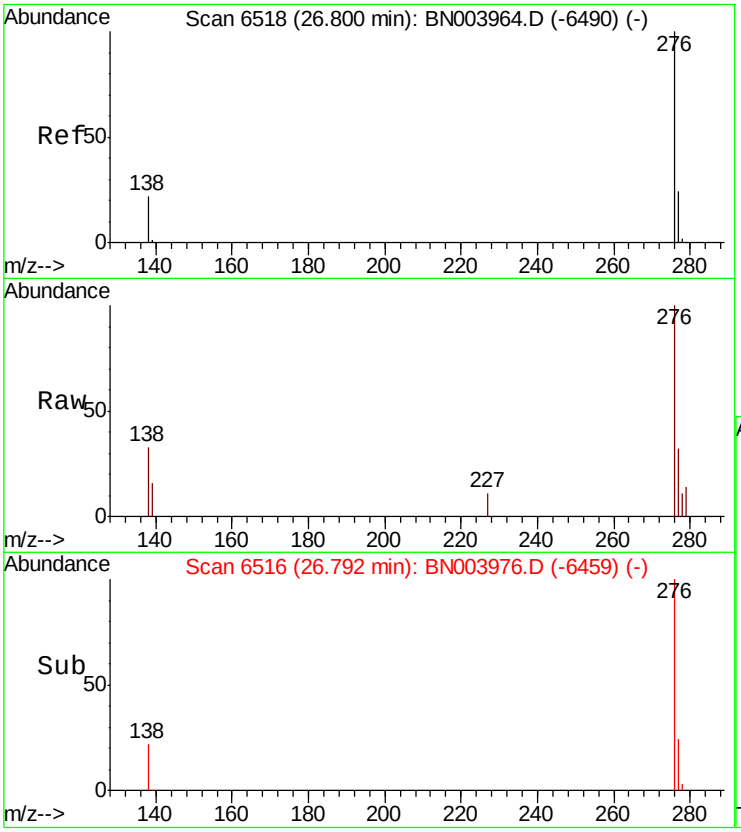


#25
Dibenzo(a,h)anthracene
Concen: 0.041 ng/ul
RT: 26.07 min Scan# 6300
Delta R.T. -0.01 min
Lab File: BN003976.D
Acq: 16 Dec 2018 01:45

Tgt Ion:278 Resp: 2212

Ion	Ratio	Lower	Upper
278	100		
139	77.3	14.2	21.4#
279	78.7	19.8	29.6#

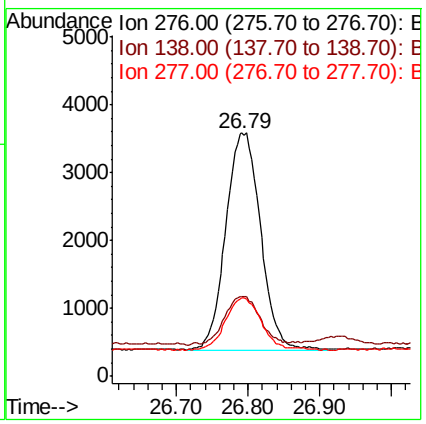




#26
Benzo(g,h,i)perylene
Concen: 0.183 ng/ul
RT: 26.79 min Scan# 6516
Delta R.T. -0.01 min
Lab File: BN003976.D
Acq: 16 Dec 2018 01:45

Tgt Ion:276 Resp: 10742

Ion	Ratio	Lower	Upper
276	100		
138	32.9	17.7	26.5#
277	32.3	19.3	28.9#



Instrument :
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