Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
Data File : BM025288.D
Acq On : 05 Mar 2020 15:18
Operator : CG/JU
Sample : L1543-16DL 5X
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBD98DL

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Quant Time: Mar 05 16:34:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 08:02:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	2973	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	12186	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	8963	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	22065	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	21870	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	19279	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	1136	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	3879	0.05	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.02	152	1661	0.040	ng/ul	96
12) Phenanthrene	17.08	178	3471	0.049	ng/ul	99
13) Anthracene	17.18	178	8333	0.132	ng/ul	97
15) Fluoranthene	19.10	202	29298	0.329	ng/ul	93
17) Pyrene	19.46	202	42371	0.511	ng/ul#	95
18) Benzo(a)anthracene	21.21	228	21751	0.271	ng/ul	100
19) Chrysene	21.27	228	35784	0.405	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	58748m	0.762	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	21331m	0.264	ng/ul	
23) Benzo(a)pyrene	23.32	252	17912	0.277	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.59	276	16266	0.202	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.61	278	4392	0.066	ng/ul#	85
26) Benzo(g,h,i)perylene	26.26	276	10341	0.151	ng/ul#	94

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

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Instrument :
BNA_M
ClientSampleId :
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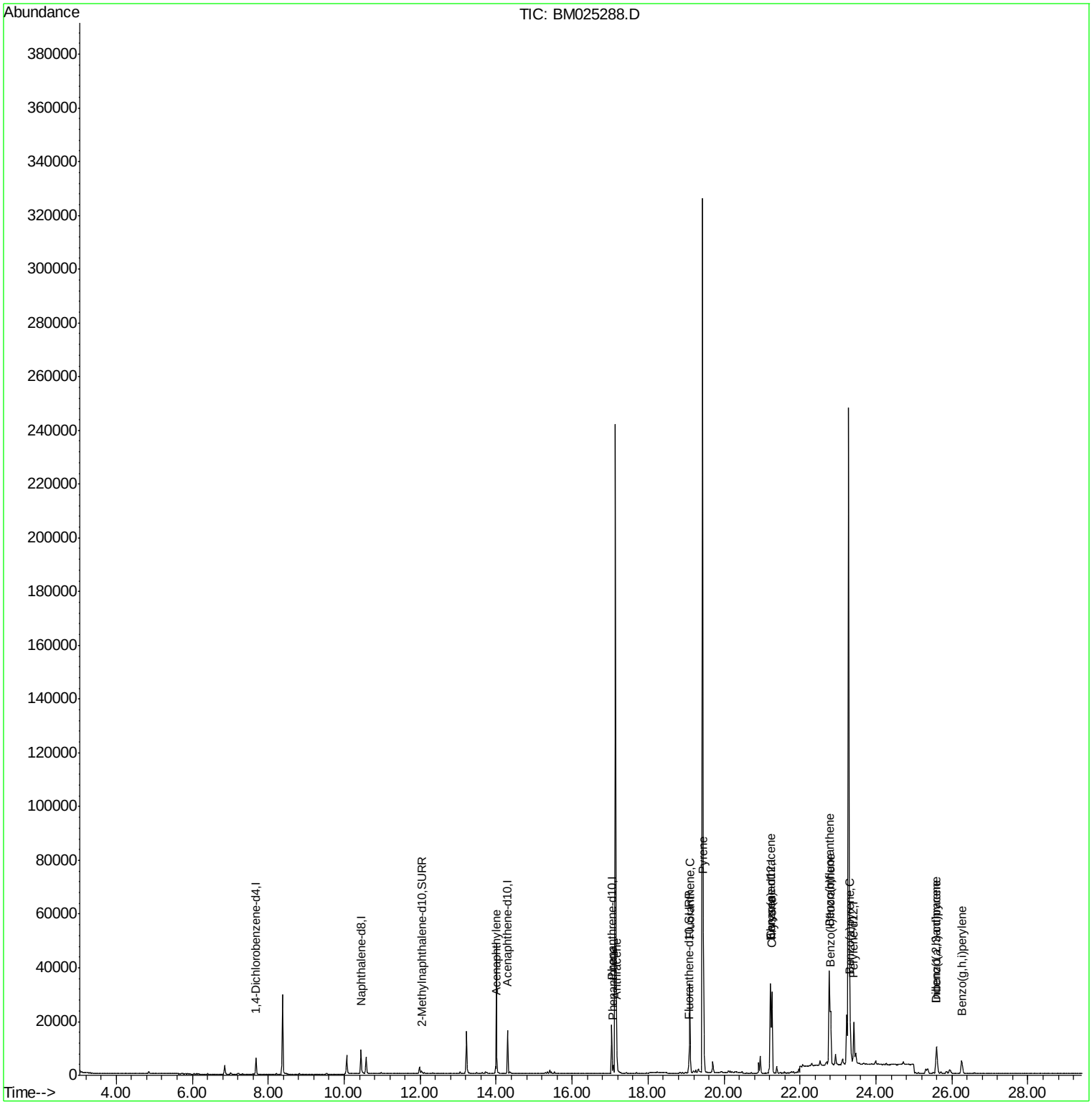
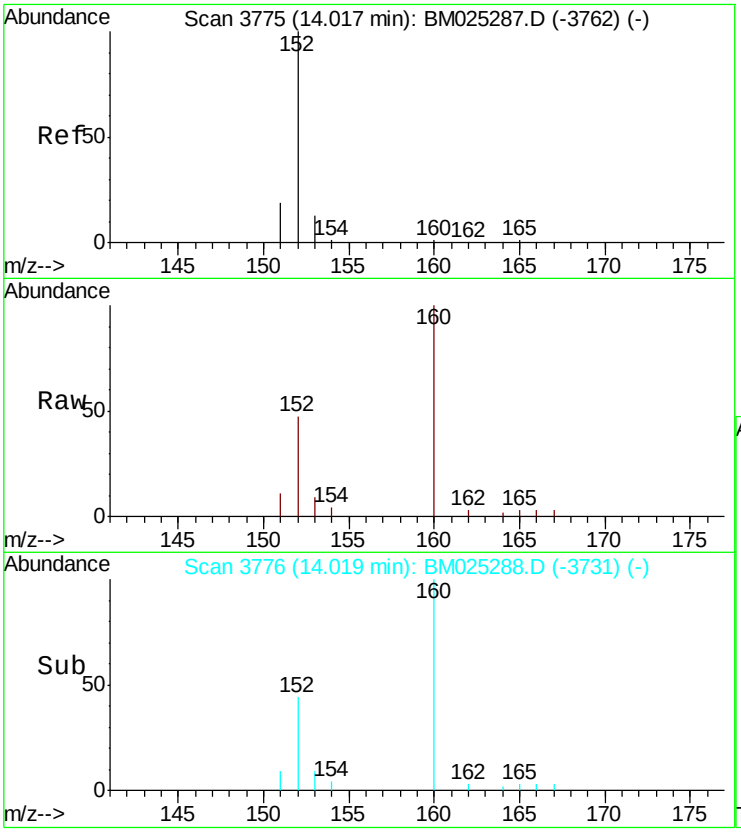
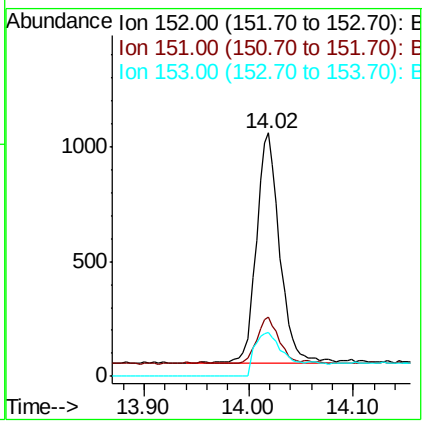




#7
Acenaphthylene
Concen: 0.040 ng/ul
RT: 14.02 min Scan# 3776
Delta R.T. -0.00 min
Lab File: BM025288.D
Acq: 05 Mar 2020 15:18

Tgt Ion:152 Resp: 1661

Ion	Ratio	Lower	Upper
152	100		
151	24.3	17.8	26.8
153	18.3	13.3	19.9



Instrument :
BNA_M
ClientSampleId :
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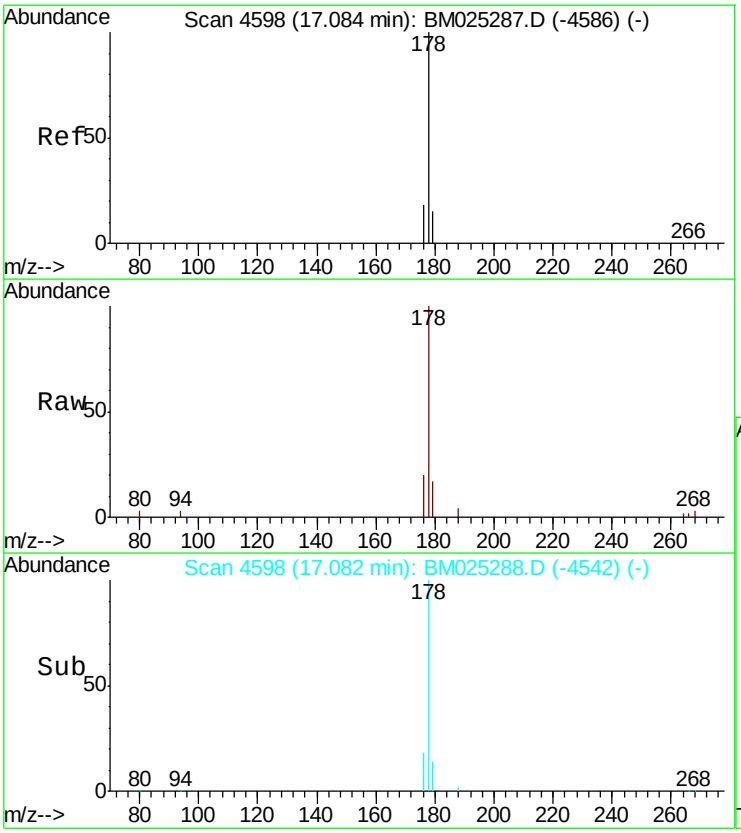
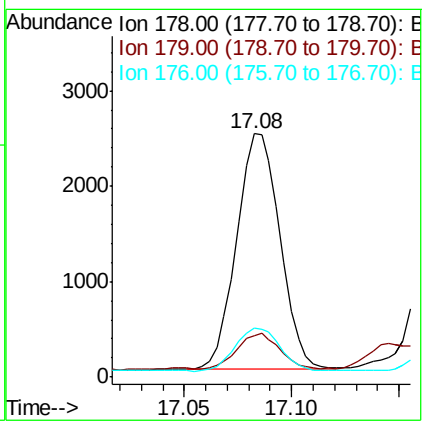
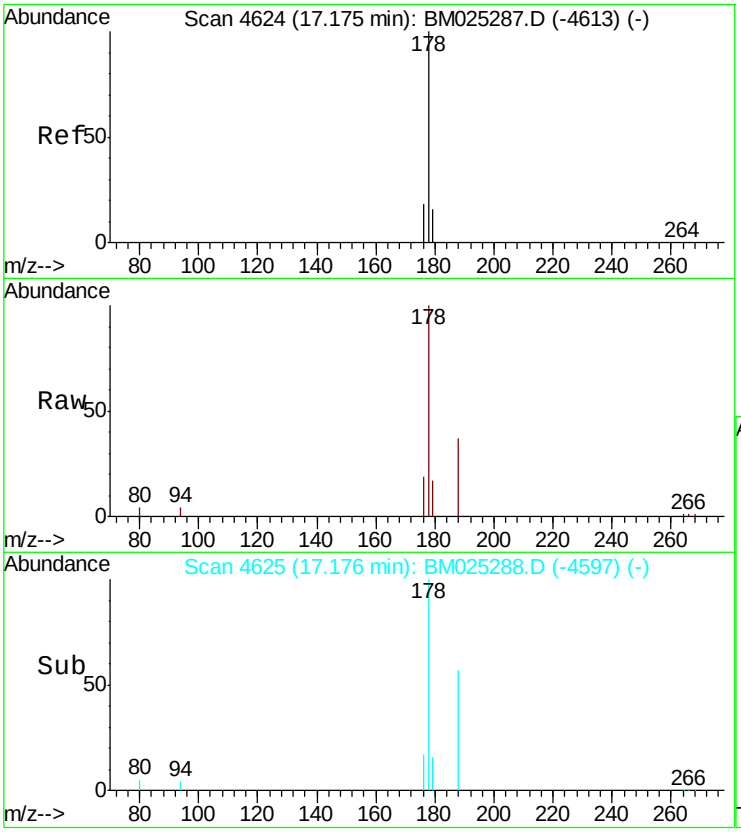


#12
Phenanthrene
Concen: 0.049 ng/ul
RT: 17.08 min Scan# 4598
Delta R.T. -0.01 min
Lab File: BM025288.D
Acq: 05 Mar 2020 15:18

Tgt Ion:178 Resp: 3471

Ion	Ratio	Lower	Upper
178	100		
179	17.0	14.0	21.0
176	20.4	16.6	24.8

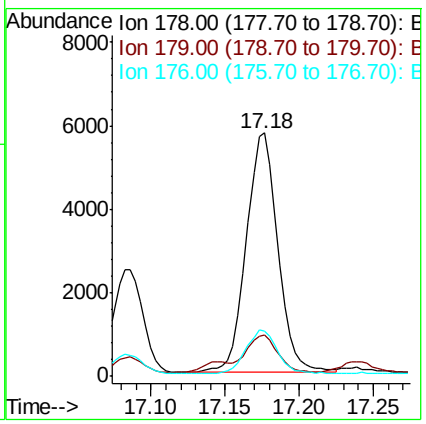




#13
Anthracene
Concen: 0.132 ng/ul
RT: 17.18 min Scan# 4625
Delta R.T. -0.00 min
Lab File: BM025288.D
Acq: 05 Mar 2020 15:18

Tgt Ion:178 Resp: 8333

Ion	Ratio	Lower	Upper
178	100		
179	17.0	14.1	21.1
176	18.5	16.2	24.4



Instrument :
BNA_M
ClientSampleId :
DBD98DL

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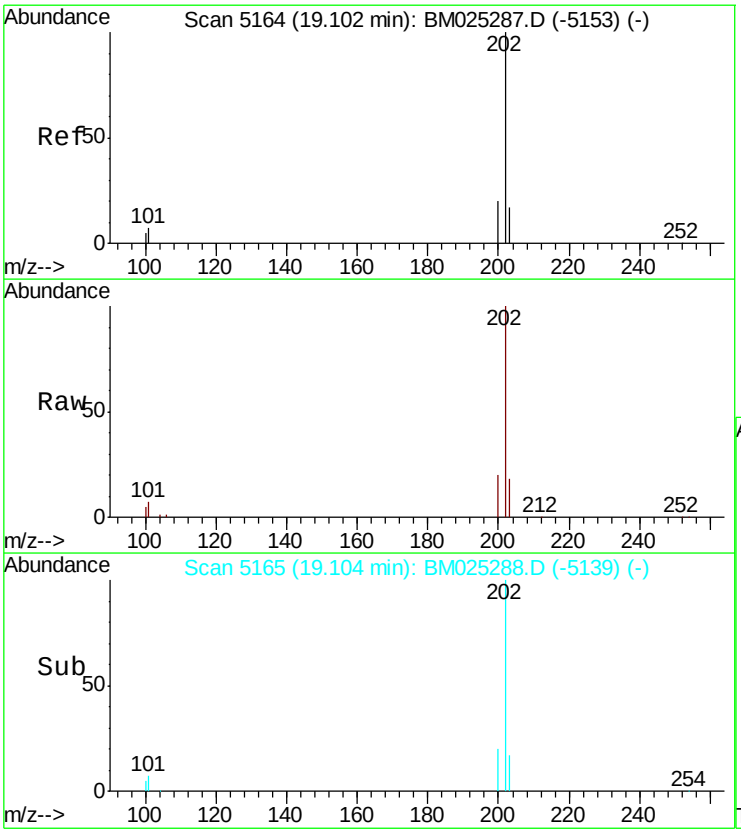
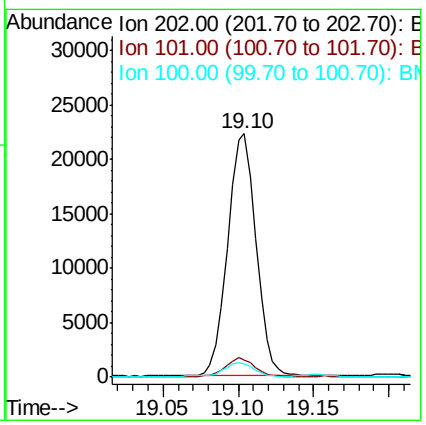
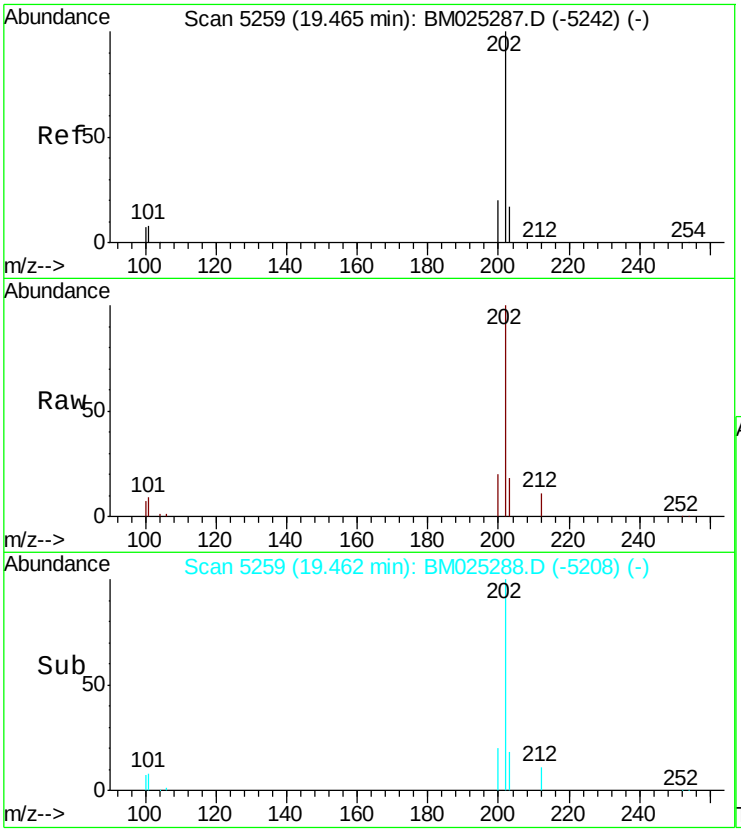


#15
Fluoranthene
Concen: 0.329 ng/ul
RT: 19.10 min Scan# 5165
Delta R.T. -0.00 min
Lab File: BM025288.D
Acq: 05 Mar 2020 15:18

Tgt Ion:202 Resp: 29298

Ion	Ratio	Lower	Upper
202	100		
101	7.1	0.0	29.4
100	5.3	0.0	28.0





#17
Pyrene
Concen: 0.511 ng/ul
RT: 19.46 min Scan# 5259
Delta R.T. -0.01 min
Lab File: BM025288.D
Acq: 05 Mar 2020 15:18

Tgt Ion:202 Resp: 42371

Ion	Ratio	Lower	Upper
202	100		
101	8.7	8.7	13.1#
100	7.3	7.3	10.9#

Instrument :
BNA_M
ClientSampleId :
DBD98DL

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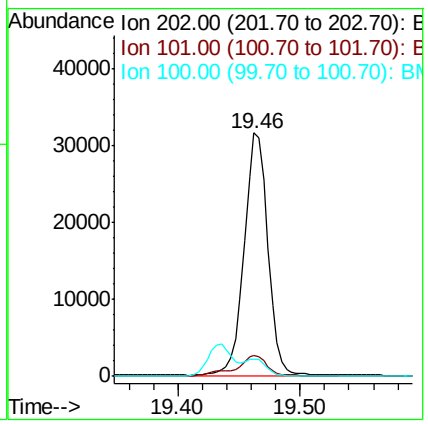
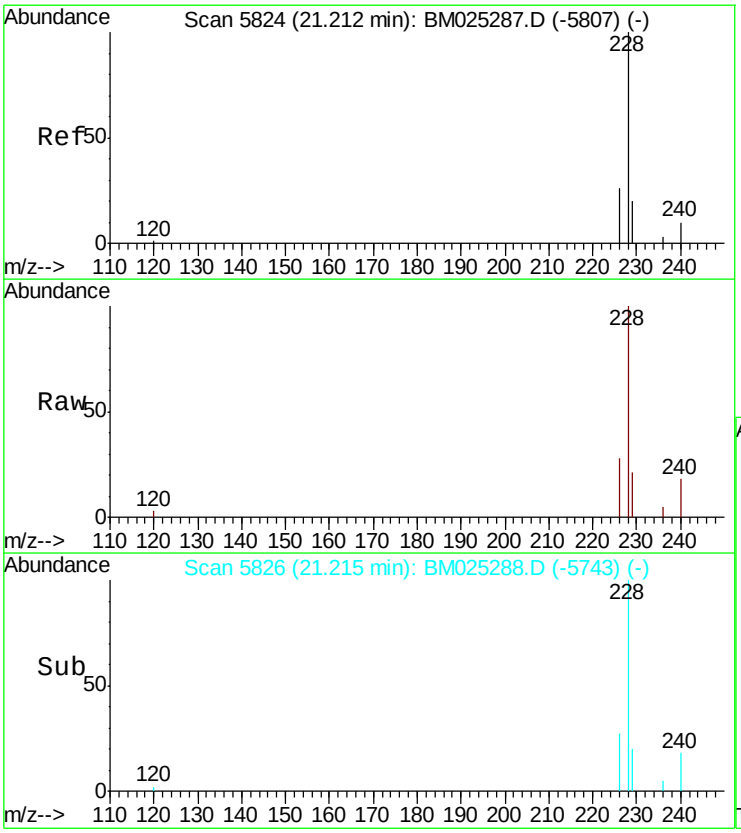
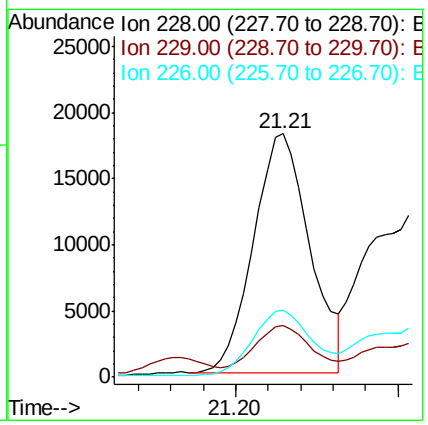


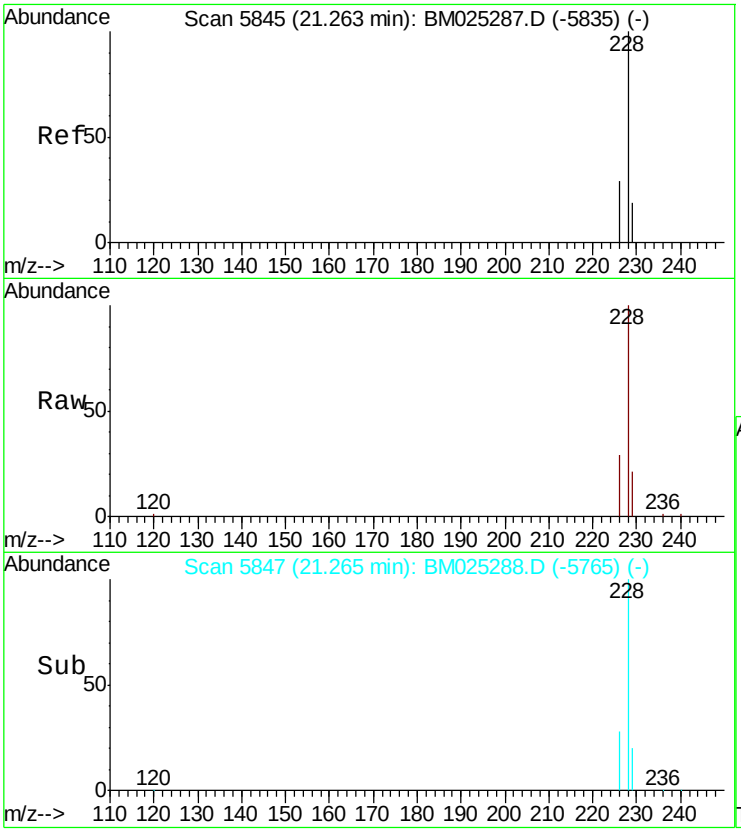


#18
Benzo(a)anthracene
Concen: 0.271 ng/ul
RT: 21.21 min Scan# 5826
Delta R.T. 0.00 min
Lab File: BM025288.D
Acq: 05 Mar 2020 15:18

Tgt Ion:228 Resp: 21751

Ion	Ratio	Lower	Upper
228	100		
229	21.1	16.6	25.0
226	27.6	21.9	32.9

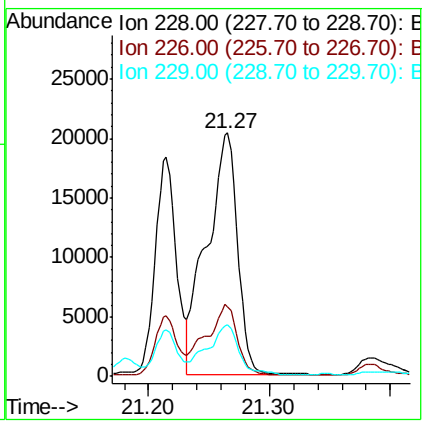




#19
Chrysene
Concen: 0.405 ng/ul
RT: 21.27 min Scan# 5847
Delta R.T. -0.00 min
Lab File: BM025288.D
Acq: 05 Mar 2020 15:18

Tgt Ion:228 Resp: 35784

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.8	35.8
229	20.9	16.9	25.3



Instrument :
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ClientSampleId :
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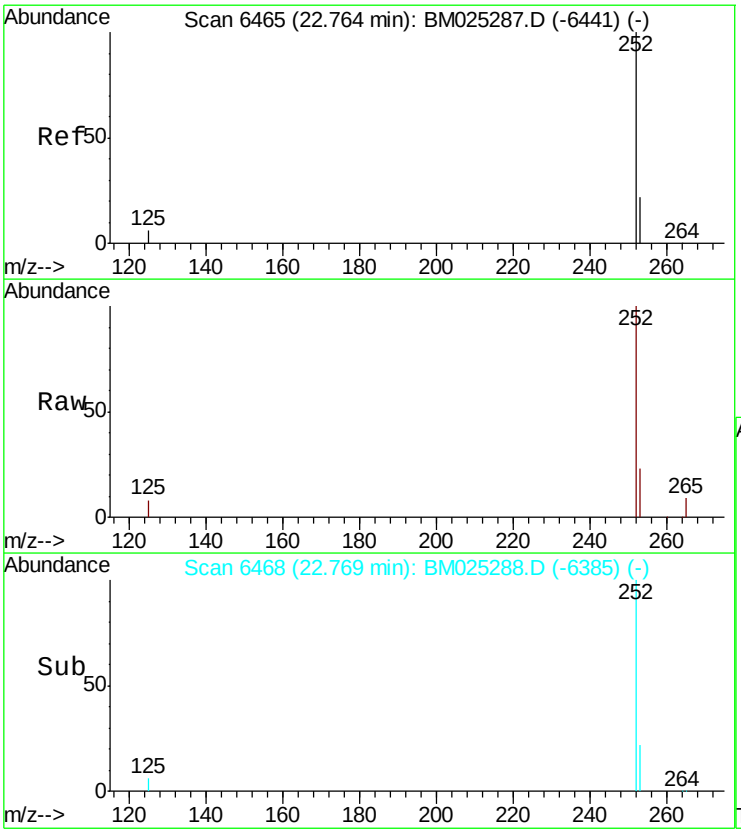
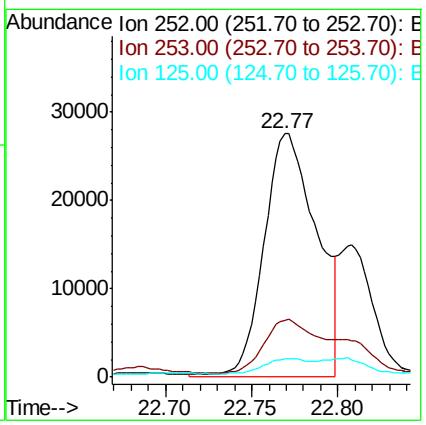
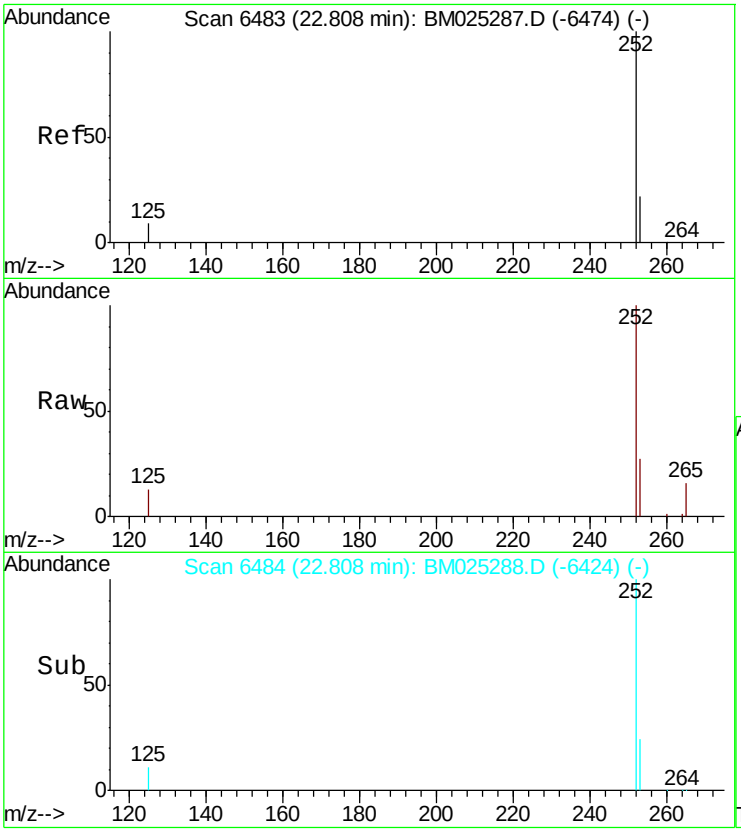


#21
Benzo(b)fluoranthene
Concen: 0.762 ng/ul m
RT: 22.77 min Scan# 6468
Delta R.T. 0.00 min
Lab File: BM025288.D
Acq: 05 Mar 2020 15:18

Tgt Ion:252 Resp: 58748

Ion	Ratio	Lower	Upper
252	100		
253	23.5	0.0	49.8
125	7.6	0.0	28.6

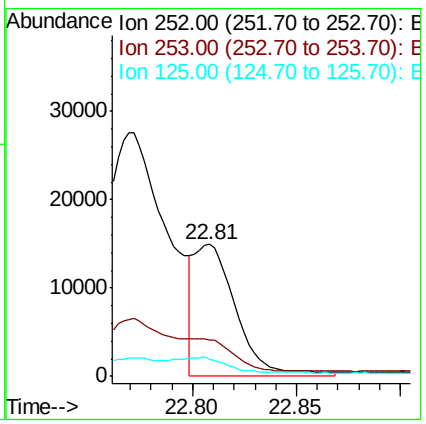




#22
Benzo(k)fluoranthene
Concen: 0.264 ng/ul m
RT: 22.81 min Scan# 6484
Delta R.T. -0.00 min
Lab File: BM025288.D
Acq: 05 Mar 2020 15:18

Tgt Ion:252 Resp: 21331

Ion	Ratio	Lower	Upper
252	100		
253	27.5	19.4	29.0
125	13.4	10.7	16.1



Instrument :
BNA_M
ClientSampleId :
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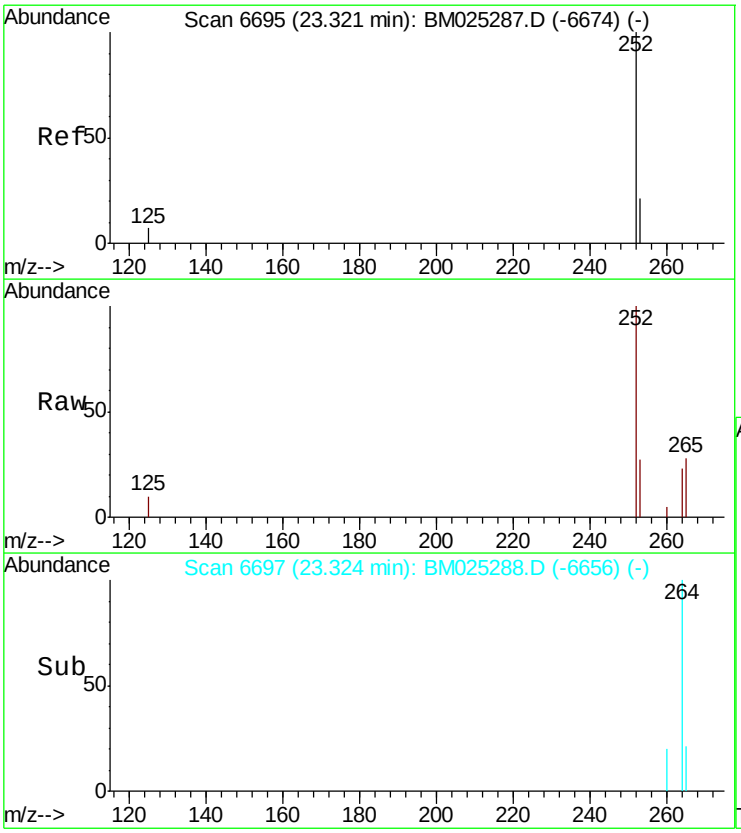
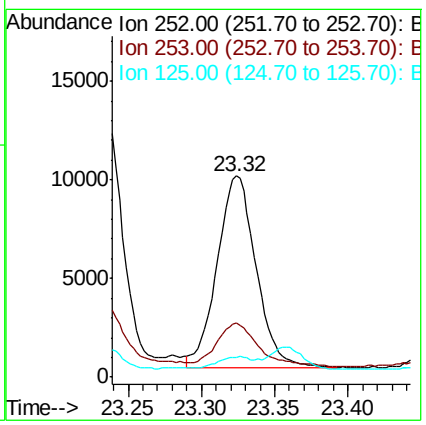
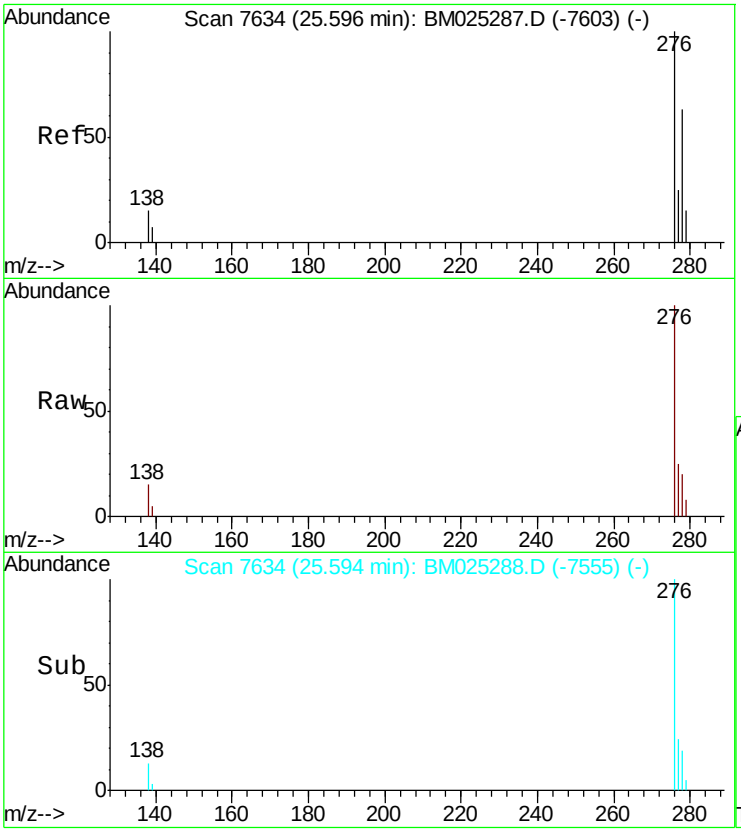


#23
Benzo(a)pyrene
Concen: 0.277 ng/ul
RT: 23.32 min Scan# 6697
Delta R.T. 0.00 min
Lab File: BM025288.D
Acq: 05 Mar 2020 15:18

Tgt Ion:252 Resp: 17912

Ion	Ratio	Lower	Upper
252	100		
253	26.6	20.3	30.5
125	9.8	13.0	19.4#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.202 ng/ul
RT: 25.59 min Scan# 7634
Delta R.T. -0.01 min
Lab File: BM025288.D
Acq: 05 Mar 2020 15:18

Tgt Ion:276 Resp: 16266

Ion	Ratio	Lower	Upper
276	100		
138	14.3	0.0	0.0#
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampleId :
DBD98DL

Manual Integrations APPROVED
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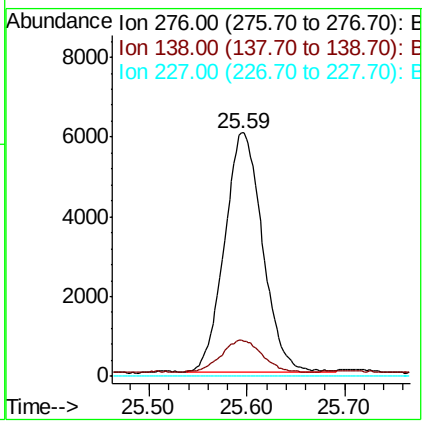
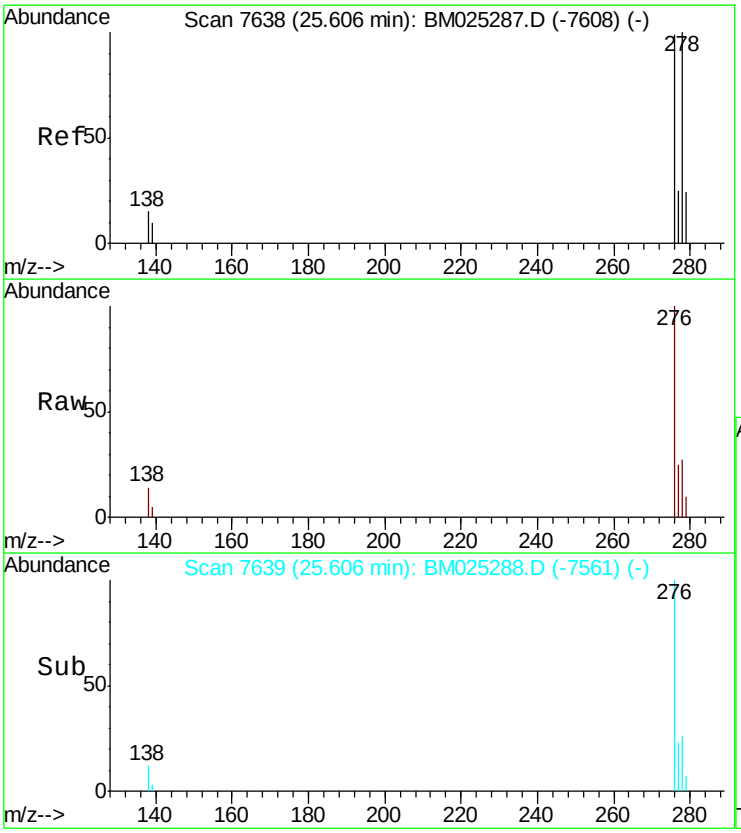
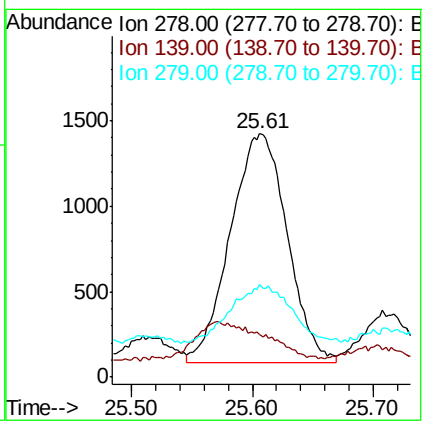


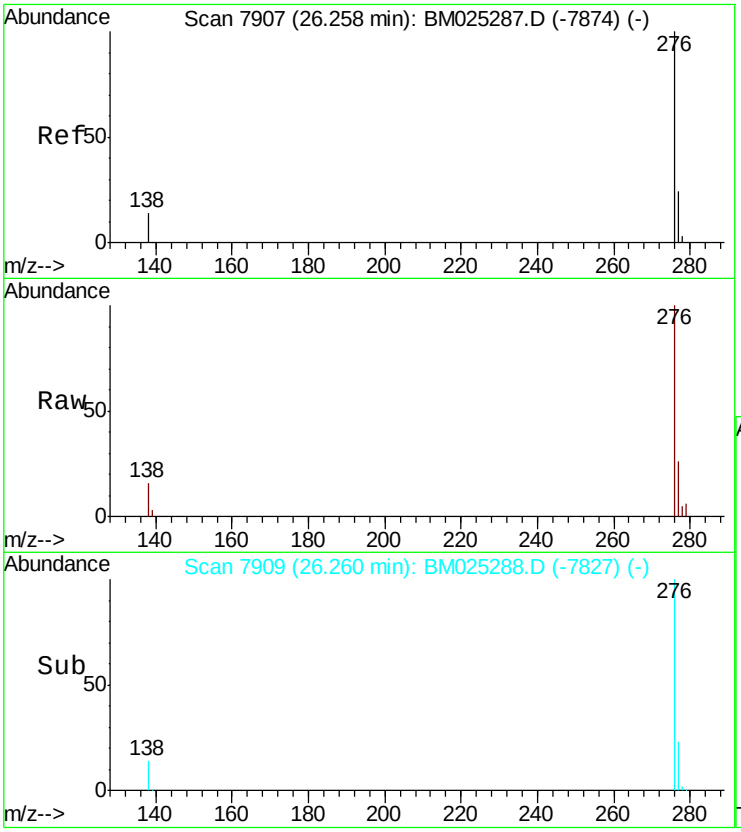


#25
Dibenzo(a,h)anthracene
Concen: 0.066 ng/ul
RT: 25.61 min Scan# 7639
Delta R.T. -0.01 min
Lab File: BM025288.D
Acq: 05 Mar 2020 15:18

Tgt Ion:278 Resp: 4392

Ion	Ratio	Lower	Upper
278	100		
139	17.4	13.2	19.8
279	37.8	21.0	31.4#

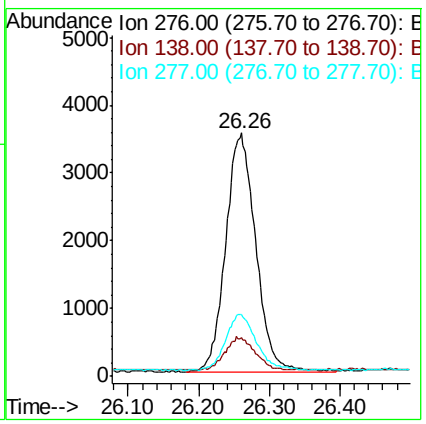




#26
Benzo(g,h,i)perylene
Concen: 0.151 ng/ul
RT: 26.26 min Scan# 7909
Delta R.T. -0.00 min
Lab File: BM025288.D
Acq: 05 Mar 2020 15:18

Tgt Ion:276 Resp: 10341

Ion	Ratio	Lower	Upper
276	100		
138	16.0	17.9	26.9#
277	25.6	20.5	30.7



Instrument :
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