Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
Data File : BM025289.D
Acq On : 05 Mar 2020 15:54
Operator : CG/JU
Sample : L1543-08DL 10X
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBD92DL

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Quant Time: Mar 05 16:35:56 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	3508	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	14496	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	10392	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	25782	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	26020	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	22764	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	651	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	2126	0.03	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.02	152	2486	0.051	ng/ul	98
12) Phenanthrene	17.09	178	6178	0.074	ng/ul	99
13) Anthracene	17.18	178	10906	0.148	ng/ul	96
15) Fluoranthene	19.10	202	85686	0.823	ng/ul	95
17) Pyrene	19.46	202	121286	1.229	ng/ul#	95
18) Benzo(a)anthracene	21.21	228	52618	0.550	ng/ul	99
19) Chrysene	21.27	228	92945	0.884	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	148315m	1.628	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	52506m	0.550	ng/ul	
23) Benzo(a)pyrene	23.32	252	44759	0.585	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.59	276	33914	0.356	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.60	278	8778	0.111	ng/ul	93
26) Benzo(g,h,i)perylene	26.26	276	22181	0.274	ng/ul#	92

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

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Instrument :
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ClientSampleId :
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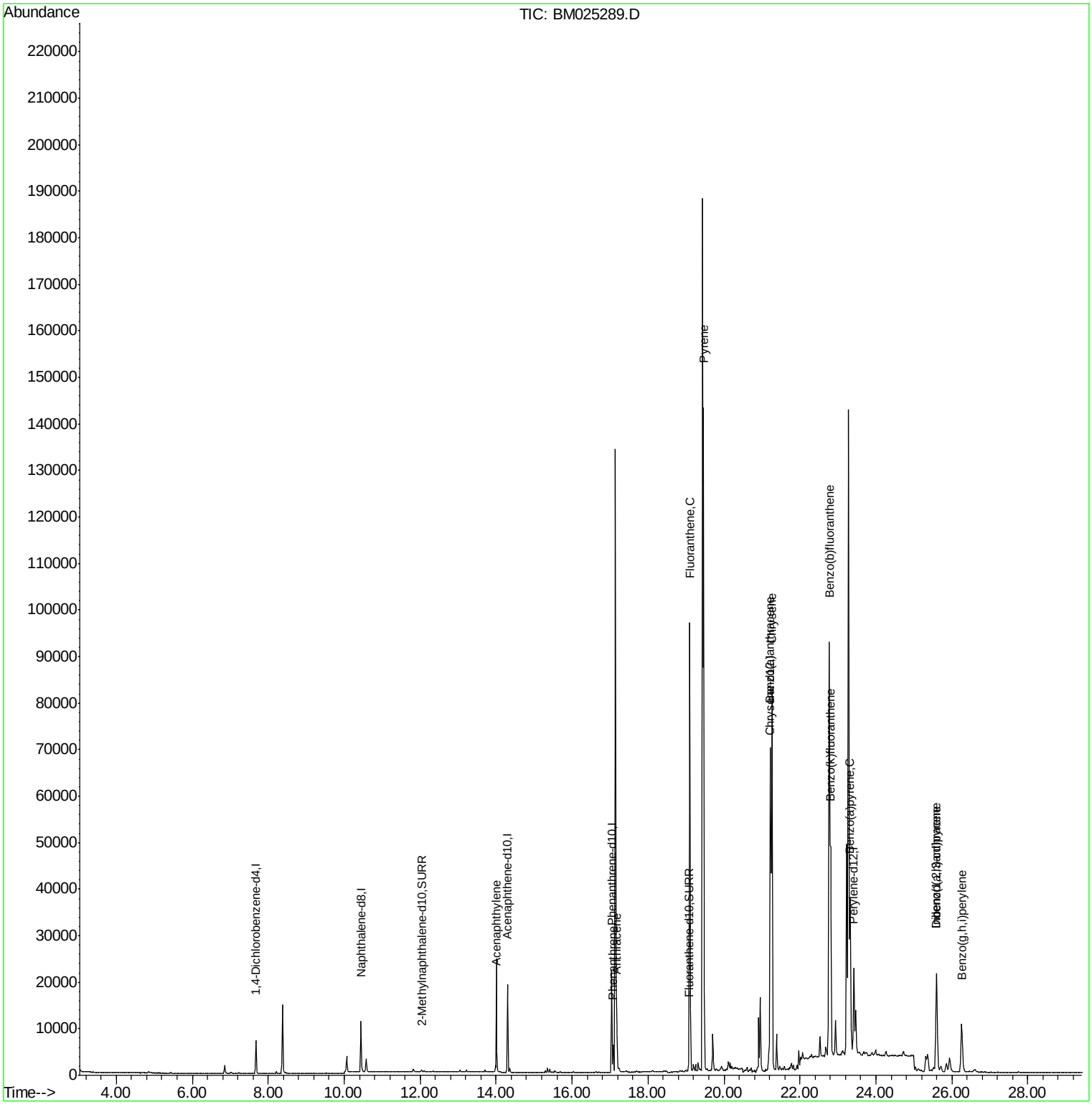
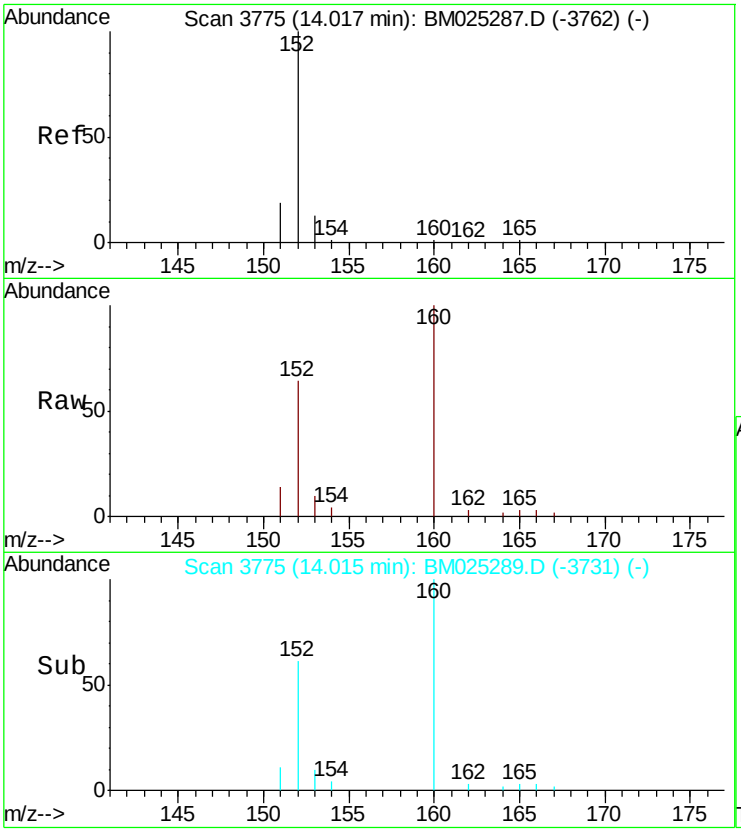
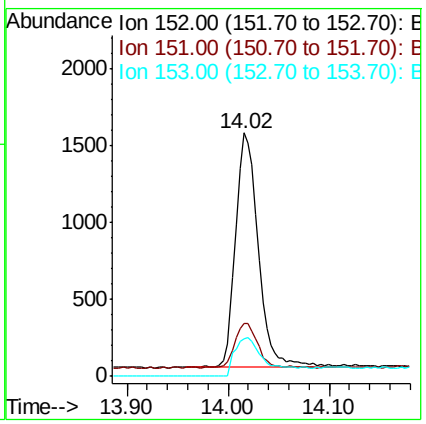




#7
Acenaphthylene
Concen: 0.051 ng/ul
RT: 14.02 min Scan# 3775
Delta R.T. -0.01 min
Lab File: BM025289.D
Acq: 05 Mar 2020 15:54

Tgt Ion:152 Resp: 2486

Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.8	26.8
153	15.3	13.3	19.9



Instrument :
BNA_M
ClientSampleId :
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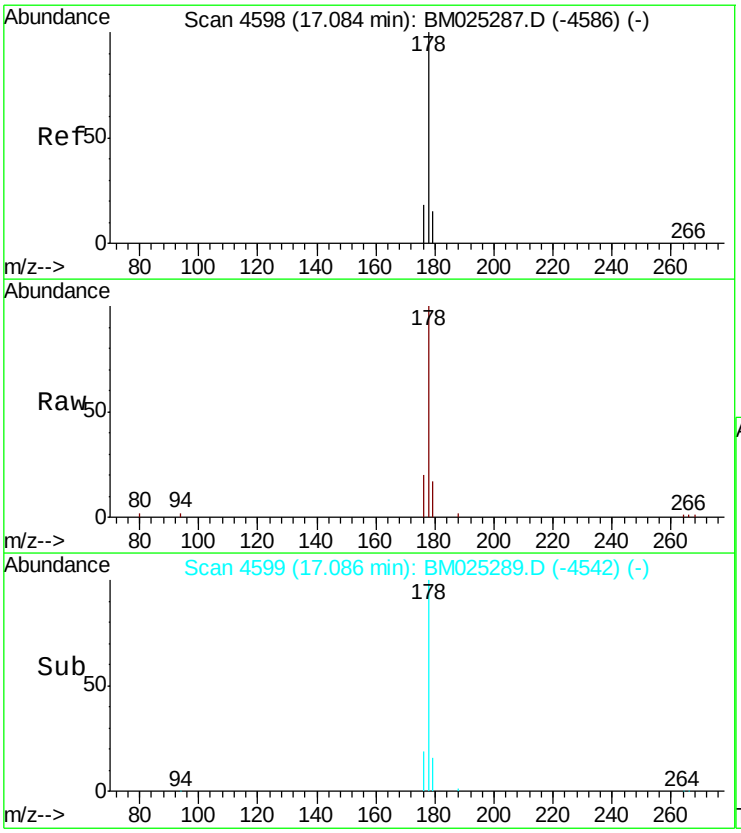
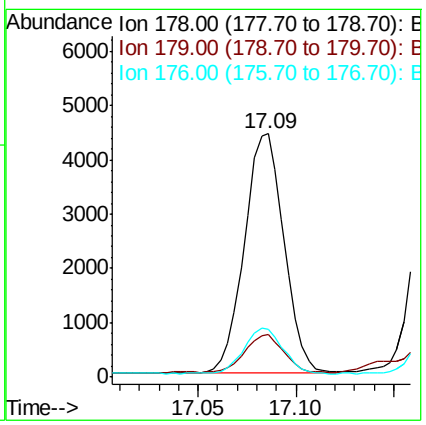
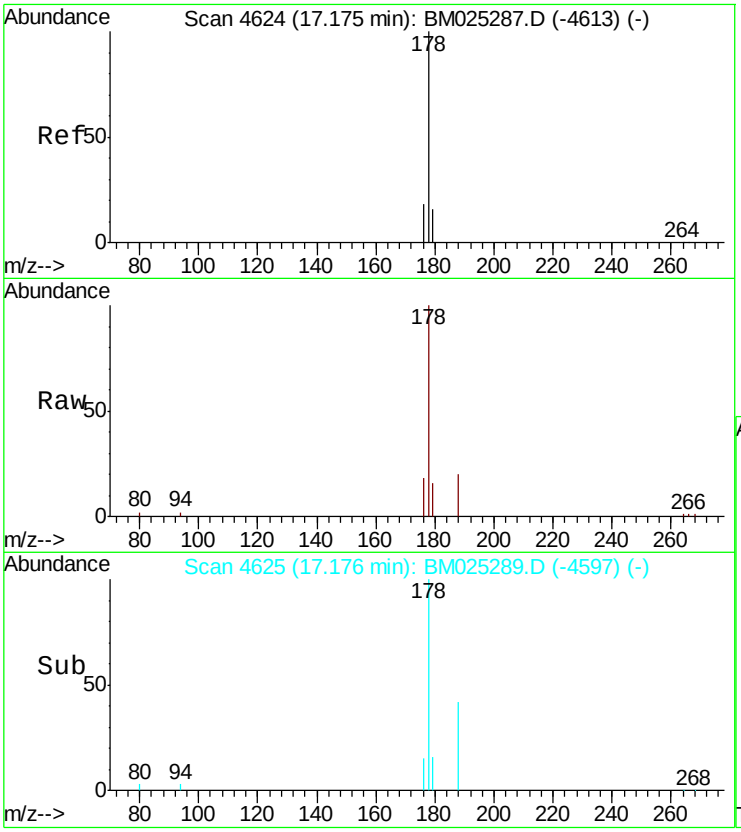


#12
Phenanthrene
Concen: 0.074 ng/ul
RT: 17.09 min Scan# 4599
Delta R.T. -0.00 min
Lab File: BM025289.D
Acq: 05 Mar 2020 15:54

Tgt Ion:178 Resp: 6178

Ion	Ratio	Lower	Upper
178	100		
179	17.4	14.0	21.0
176	19.8	16.6	24.8

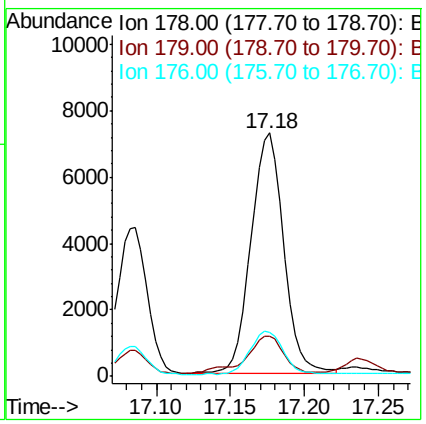




#13
Anthracene
Concen: 0.148 ng/ul
RT: 17.18 min Scan# 4625
Delta R.T. -0.00 min
Lab File: BM025289.D
Acq: 05 Mar 2020 15:54

Tgt Ion:178 Resp: 10906

Ion	Ratio	Lower	Upper
178	100		
179	16.3	14.1	21.1
176	17.9	16.2	24.4



Instrument :
BNA_M
ClientSampleId :
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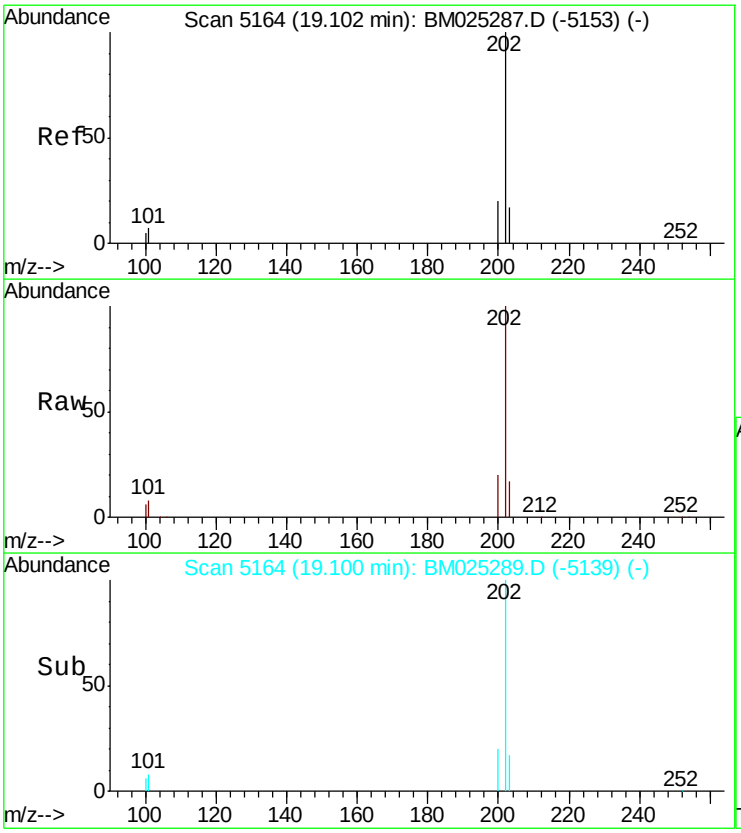
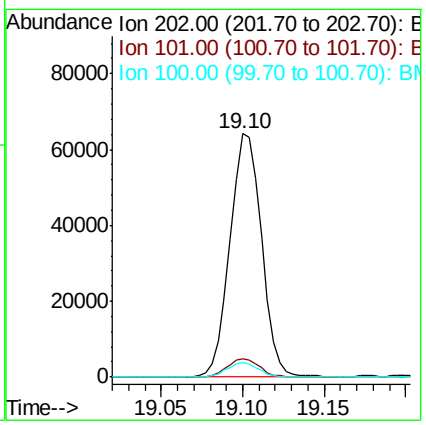
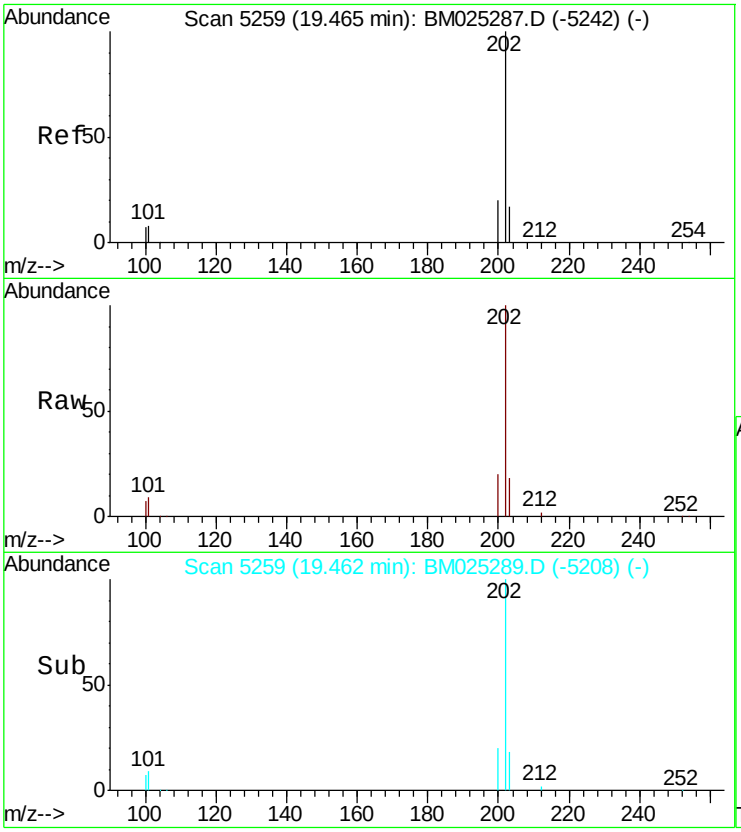


#15
Fluoranthene
Concen: 0.823 ng/ul
RT: 19.10 min Scan# 5164
Delta R.T. -0.01 min
Lab File: BM025289.D
Acq: 05 Mar 2020 15:54

Tgt Ion:202 Resp: 85686

Ion	Ratio	Lower	Upper
202	100		
101	7.7	0.0	29.4
100	5.8	0.0	28.0





#17
Pyrene
Concen: 1.229 ng/ul
RT: 19.46 min Scan# 5259
Delta R.T. -0.01 min
Lab File: BM025289.D
Acq: 05 Mar 2020 15:54

Tgt Ion:202 Resp: 121286

Ion	Ratio	Lower	Upper
202	100		
101	8.8	8.7	13.1
100	7.2	7.3	10.9#

Instrument :
BNA_M
ClientSampleId :
DBD92DL

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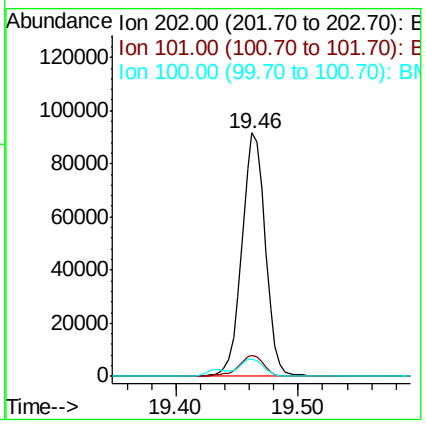
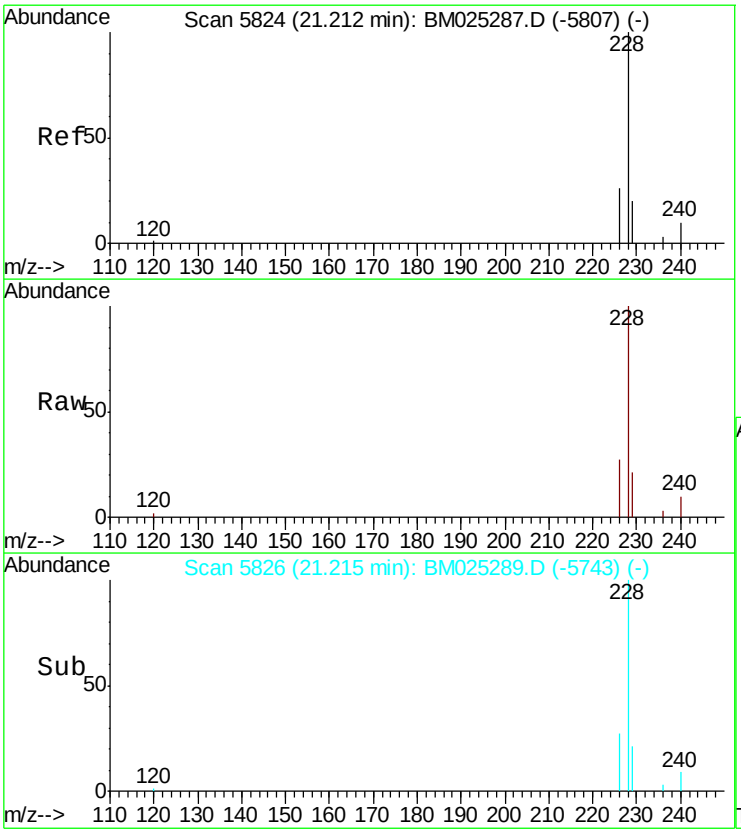
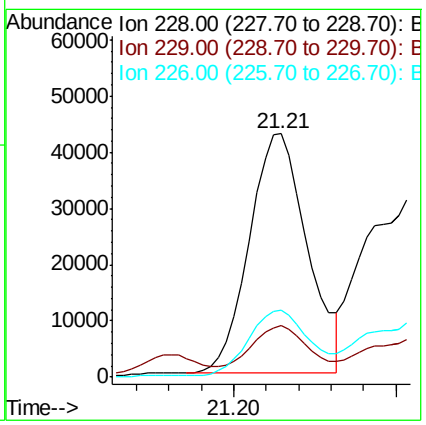


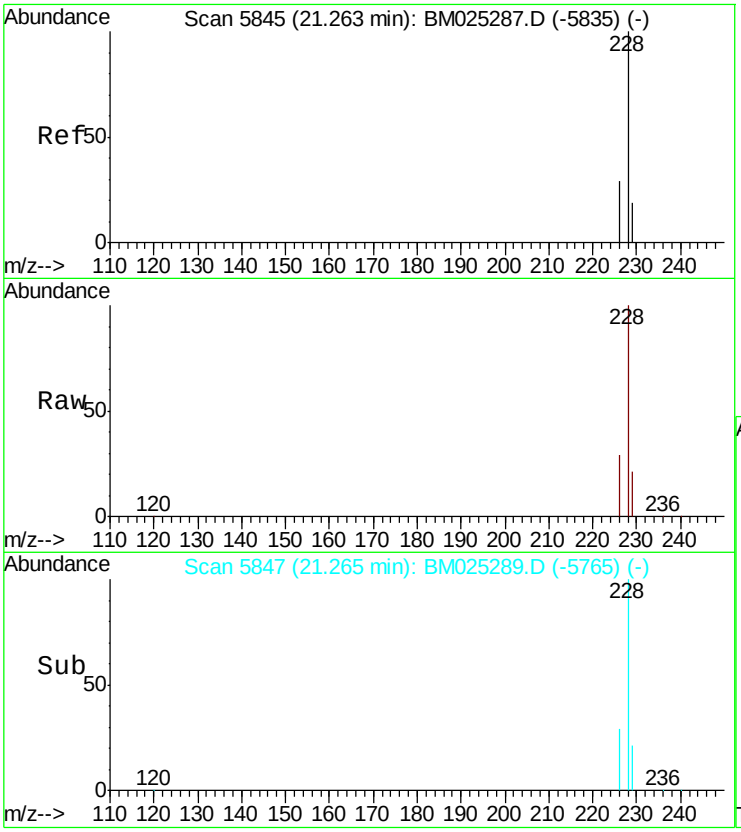


#18
Benzo(a)anthracene
Concen: 0.550 ng/ul
RT: 21.21 min Scan# 5826
Delta R.T. 0.00 min
Lab File: BM025289.D
Acq: 05 Mar 2020 15:54

Tgt Ion:228 Resp: 52618

Ion	Ratio	Lower	Upper
228	100		
229	21.3	16.6	25.0
226	27.4	21.9	32.9

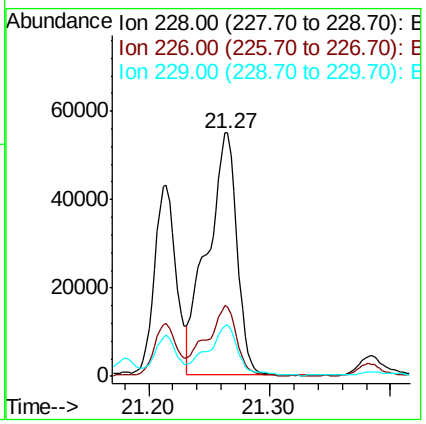




#19
Chrysene
Concen: 0.884 ng/ul
RT: 21.27 min Scan# 5847
Delta R.T. -0.00 min
Lab File: BM025289.D
Acq: 05 Mar 2020 15:54

Tgt Ion:228 Resp: 92945

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.8	35.8
229	21.2	16.9	25.3



Instrument :
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ClientSampleId :
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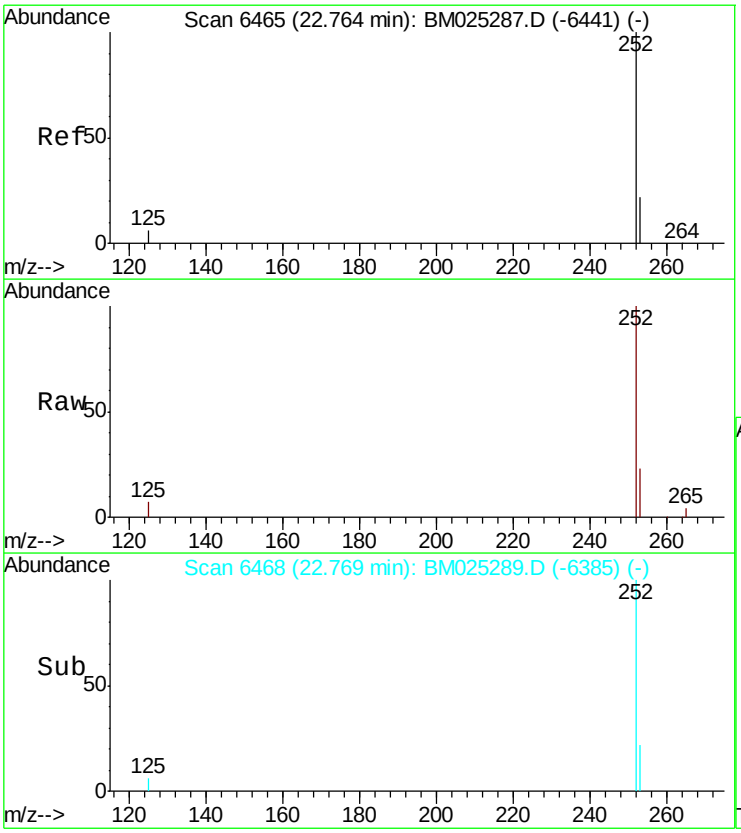
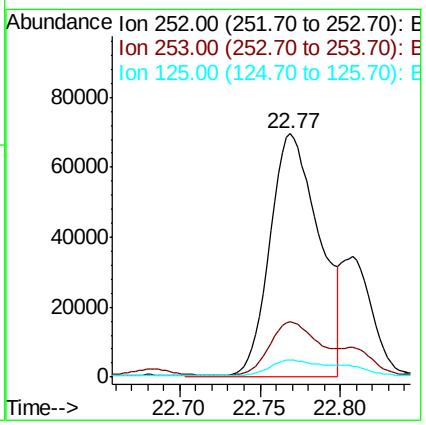
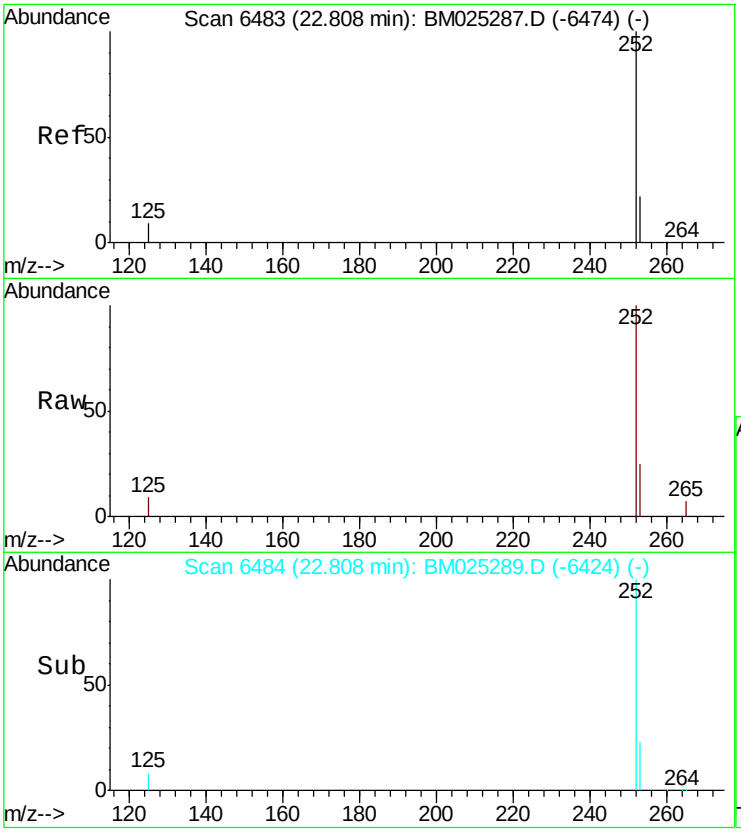


#21
Benzo(b)fluoranthene
Concen: 1.628 ng/ul m
RT: 22.77 min Scan# 6468
Delta R.T. 0.00 min
Lab File: BM025289.D
Acq: 05 Mar 2020 15:54

Tgt Ion:252 Resp: 148315

Ion	Ratio	Lower	Upper
252	100		
253	23.0	0.0	49.8
125	7.0	0.0	28.6





#22
Benzo(k)fluoranthene
Concen: 0.550 ng/ul m
RT: 22.81 min Scan# 6484
Delta R.T. -0.00 min
Lab File: BM025289.D
Acq: 05 Mar 2020 15:54

Tgt Ion:252 Resp: 52506

Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.4	29.0
125	9.0	10.7	16.1#

Instrument :
BNA_M
ClientSampleId :
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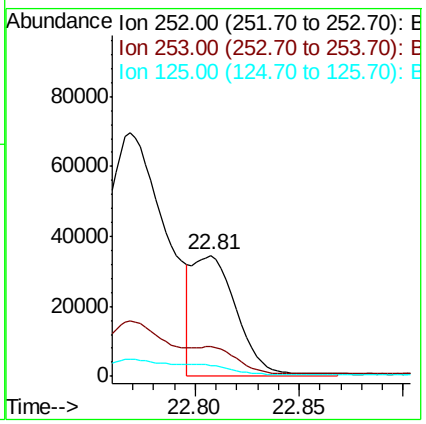
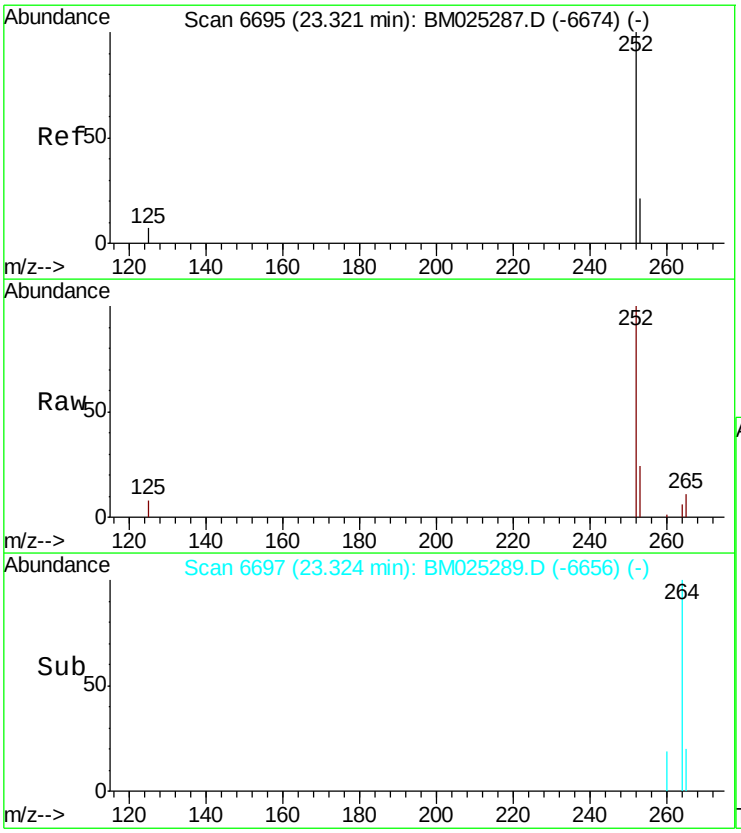
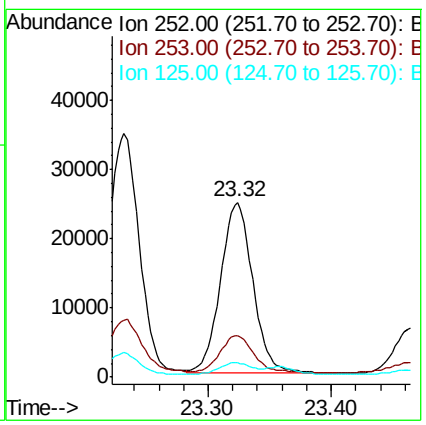


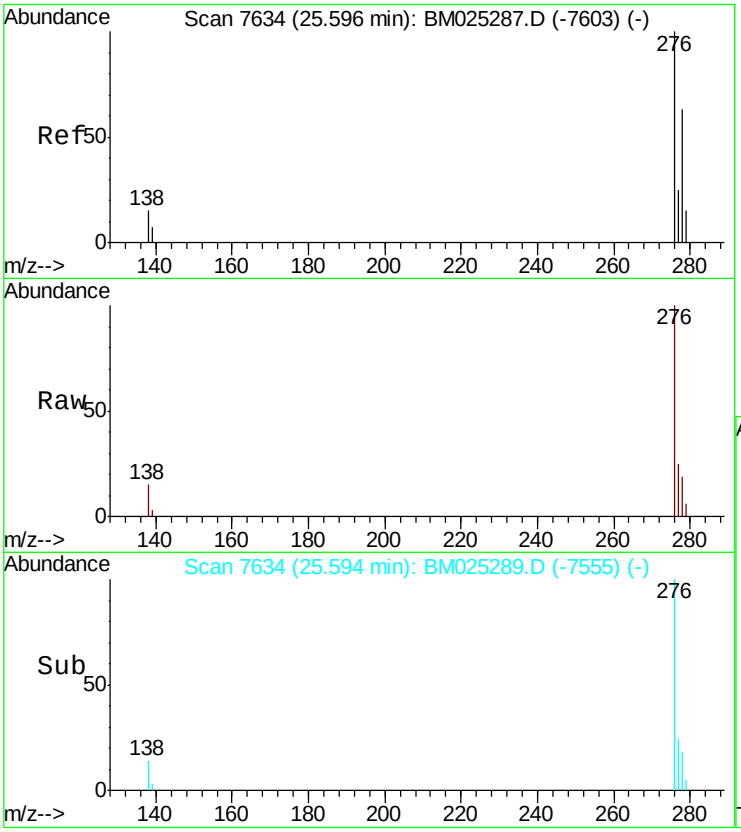


#23
Benzo(a)pyrene
Concen: 0.585 ng/ul
RT: 23.32 min Scan# 6697
Delta R.T. 0.00 min
Lab File: BM025289.D
Acq: 05 Mar 2020 15:54

Tgt Ion:252 Resp: 44759

Ion	Ratio	Lower	Upper
252	100		
253	24.0	20.3	30.5
125	8.3	13.0	19.4#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.356 ng/ul
RT: 25.59 min Scan# 7634
Delta R.T. -0.01 min
Lab File: BM025289.D
Acq: 05 Mar 2020 15:54

Tgt Ion:276 Resp: 33914

Ion	Ratio	Lower	Upper
276	100		
138	14.2	0.0	0.0#
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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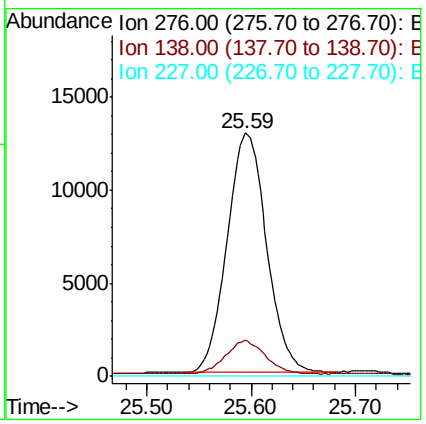
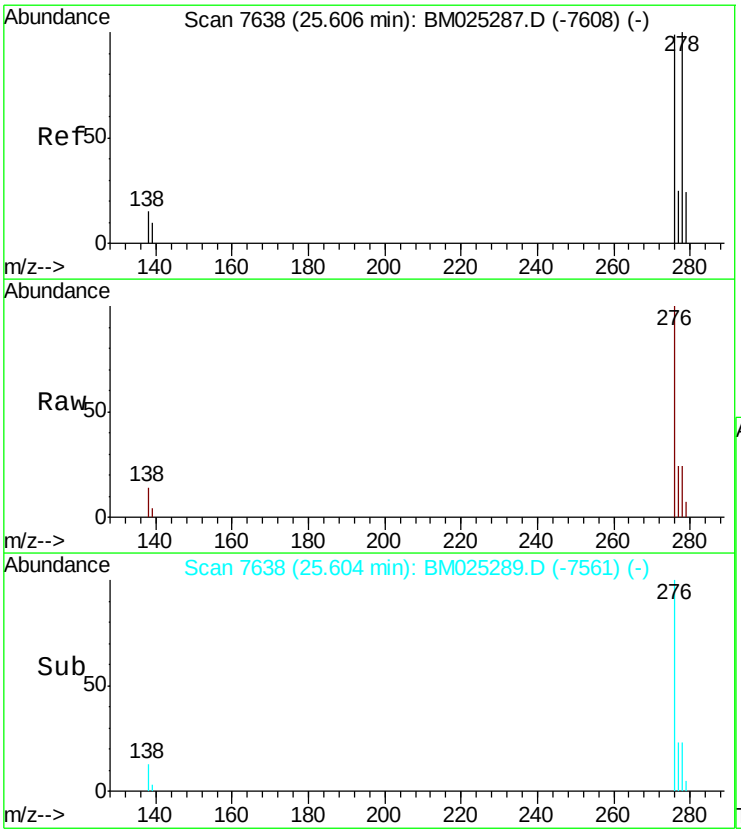
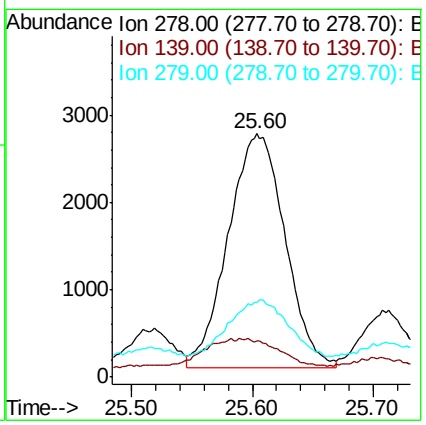


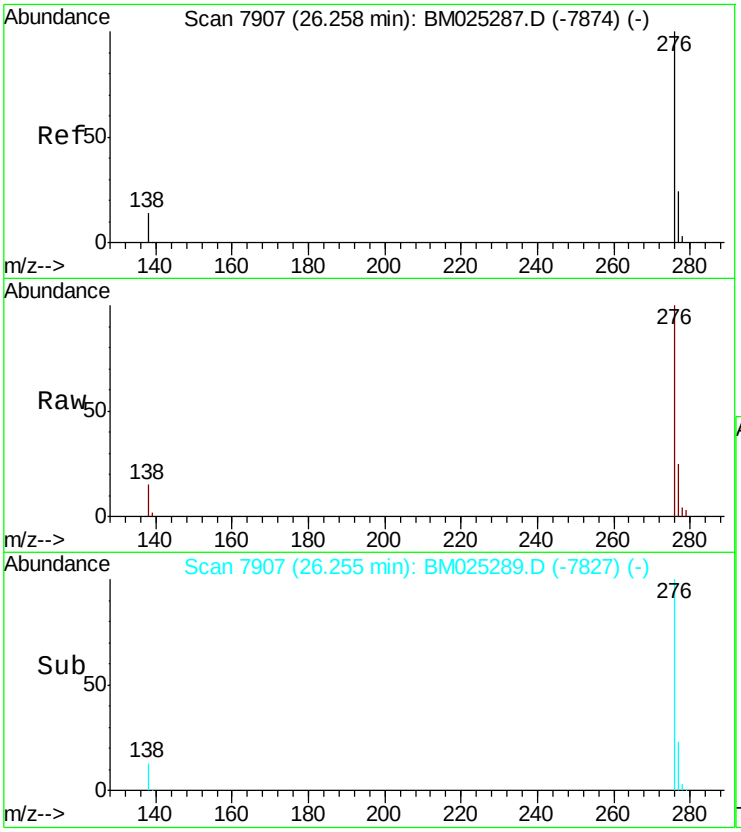


#25
Dibenzo(a,h)anthracene
Concen: 0.111 ng/ul
RT: 25.60 min Scan# 7638
Delta R.T. -0.01 min
Lab File: BM025289.D
Acq: 05 Mar 2020 15:54

Tgt Ion:278 Resp: 8778

Ion	Ratio	Lower	Upper
278	100		
139	14.9	13.2	19.8
279	30.7	21.0	31.4

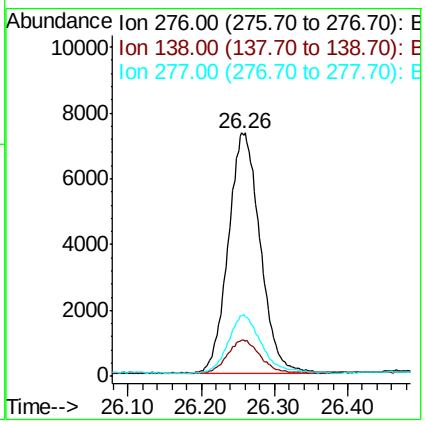




#26
Benzo(g,h,i)perylene
Concen: 0.274 ng/ul
RT: 26.26 min Scan# 7907
Delta R.T. -0.01 min
Lab File: BM025289.D
Acq: 05 Mar 2020 15:54

Tgt Ion:276 Resp: 22181

Ion	Ratio	Lower	Upper
276	100		
138	14.6	17.9	26.9#
277	24.7	20.5	30.7



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