Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080919\
Data File : BM021983.D
Acq On : 09 Aug 2019 23:31
Operator : HP/JU
Sample : K4116-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLLD7

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Quant Time: Aug 10 07:29:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	878	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	3672	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	1920	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.02	188	4316m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	4479m	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	4871m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	1023	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	2614m	0.18	ng/ul	-0.02
Target Compounds						Qvalue
7) Acenaphthylene	13.99	152	607	0.068	ng/ul#	77
12) Phenanthrene	17.07	178	1602	0.128	ng/ul	94
13) Anthracene	17.16	178	1308m	0.122	ng/ul	
15) Fluoranthene	19.09	202	7171m	0.426	ng/ul	
17) Pyrene	19.45	202	7072m	0.384	ng/ul	
18) Benzo(a)anthracene	21.21	228	3815m	0.238	ng/ul	
19) Chrysene	21.26	228	4508m	0.219	ng/ul	
21) Benzo(b)fluoranthene	22.78	252	8802m	0.536	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	2583m	0.139	ng/ul	
23) Benzo(a)pyrene	23.34	252	4485m	0.268	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.65	276	4775m	0.239	ng/ul	
25) Dibenzo(a,h)anthracene	25.65	278	1214m	0.075	ng/ul	
26) Benzo(g,h,i)perylene	26.33	276	5675m	0.316	ng/ul	

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

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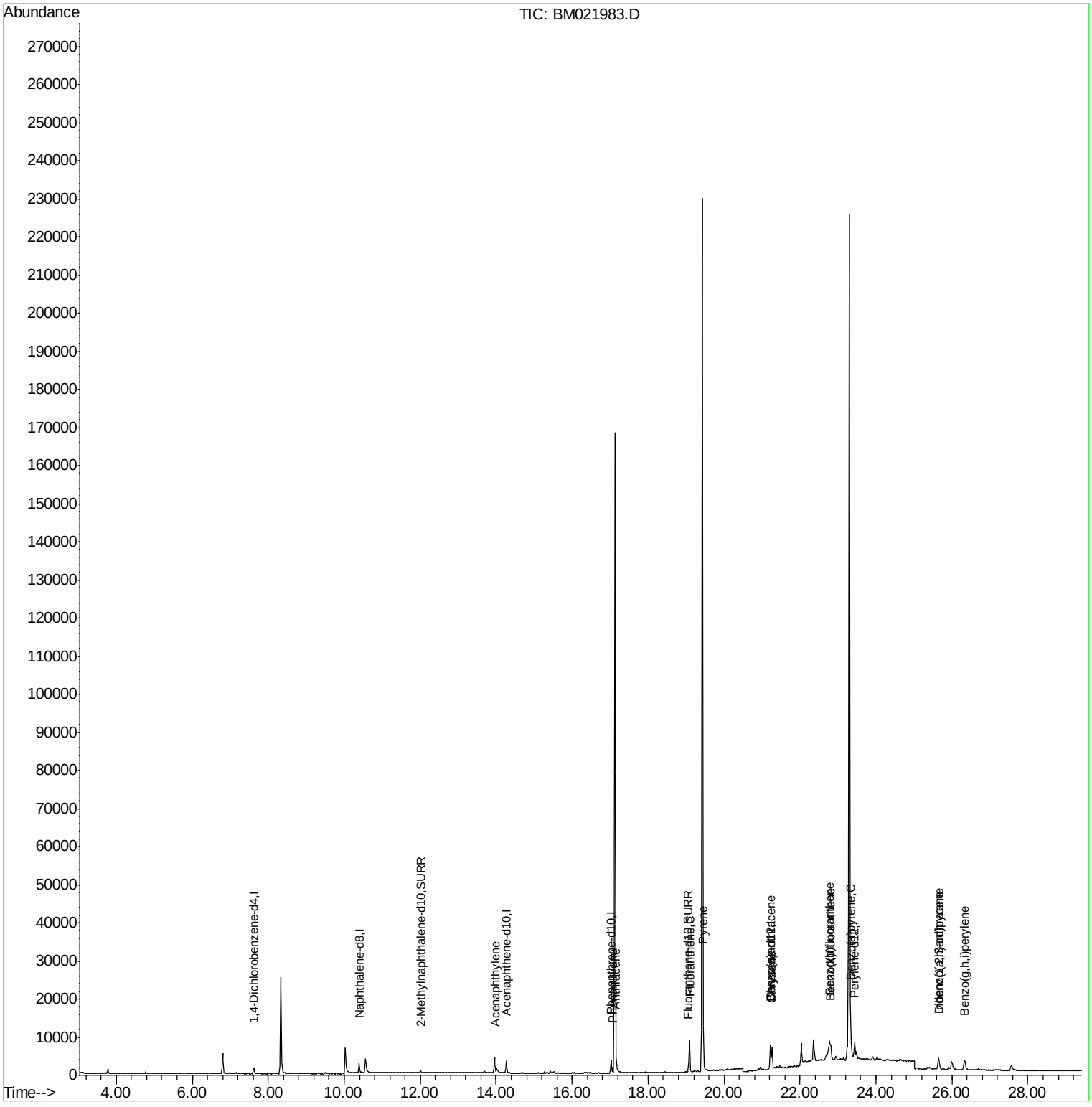

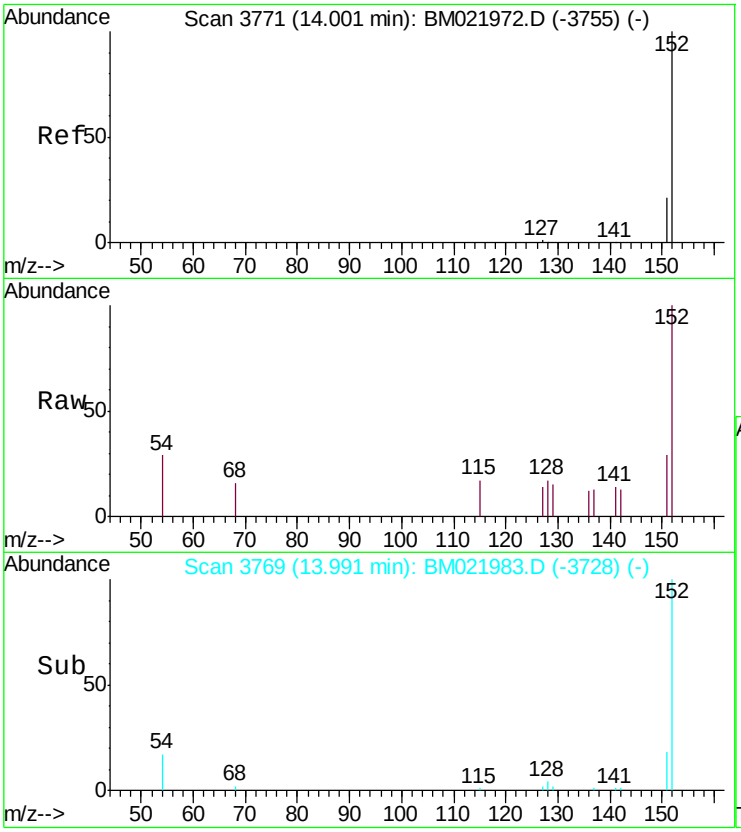

#7
Acenaphthylene
Concen: 0.068 ng/ul
RT: 13.99 min Scan# 3769
Delta R.T. -0.02 min
Lab File: BM021983.D
Acq: 09 Aug 2019 23:31

Tgt Ion:152 Resp: 607

Ion	Ratio	Lower	Upper
152	100		
151	29.1	18.3	27.5#
153	0.0	12.8	19.2#

Instrument :
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ClientSampleId :
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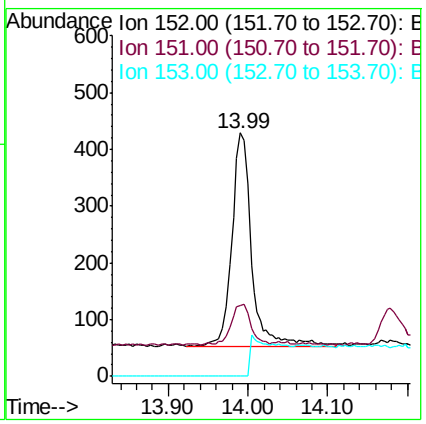
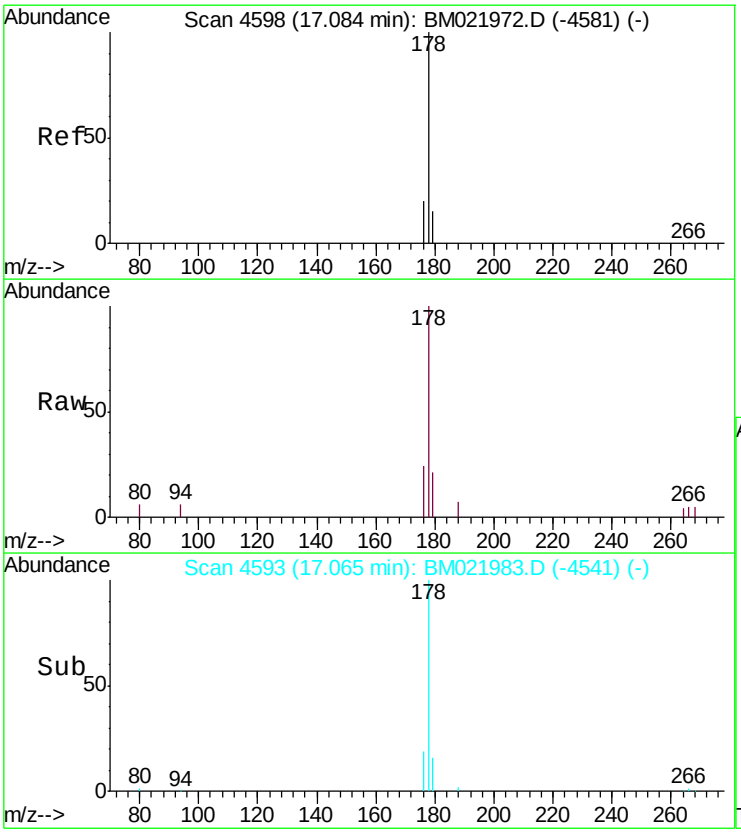
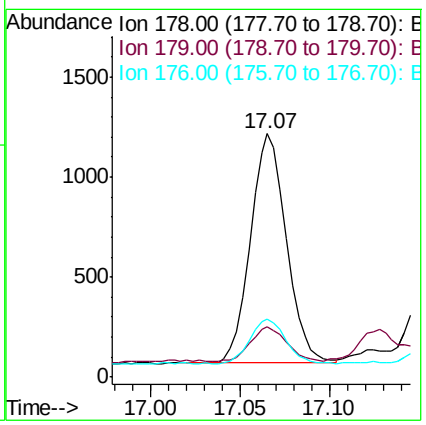


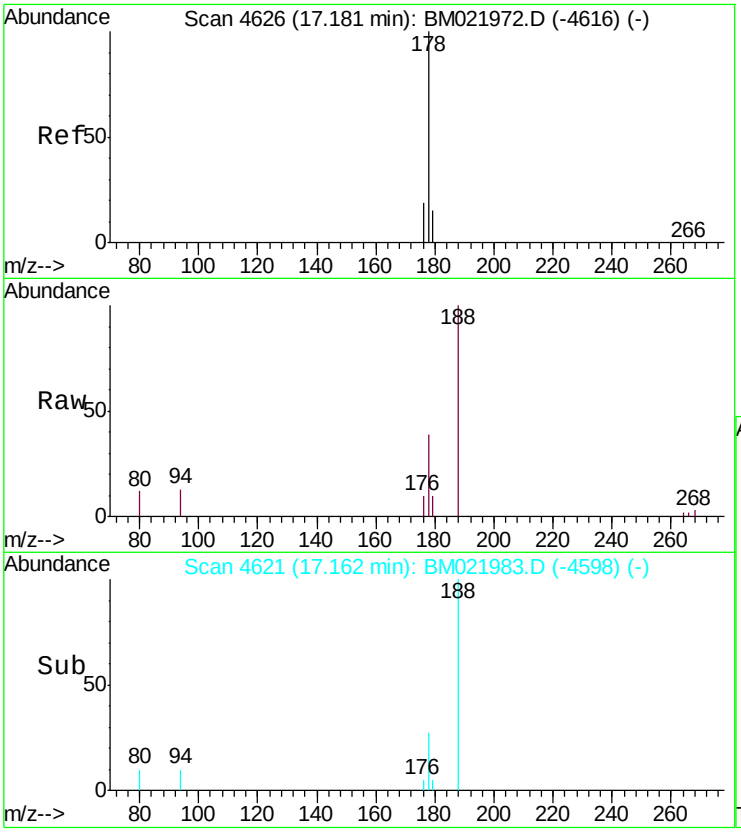


#12
Phenanthrene
Concen: 0.128 ng/ul
RT: 17.07 min Scan# 4593
Delta R.T. -0.02 min
Lab File: BM021983.D
Acq: 09 Aug 2019 23:31

Tgt Ion:178 Resp: 1602

Ion	Ratio	Lower	Upper
178	100		
179	20.9	14.2	21.2
176	23.7	16.8	25.2

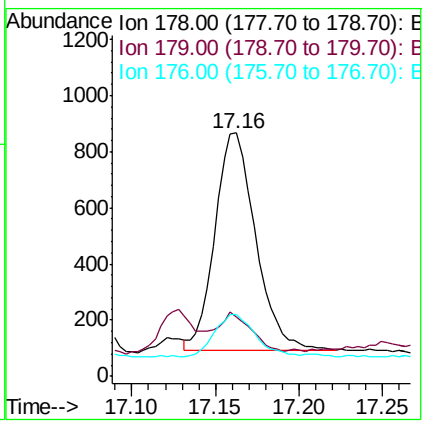




#13
Anthracene
Concen: 0.122 ng/ul m
RT: 17.16 min Scan# 4621
Delta R.T. -0.02 min
Lab File: BM021983.D
Acq: 09 Aug 2019 23:31

Tgt Ion:178 Resp: 1308

Ion	Ratio	Lower	Upper
178	100		
179	24.6	15.5	23.3#
176	25.5	16.6	25.0#



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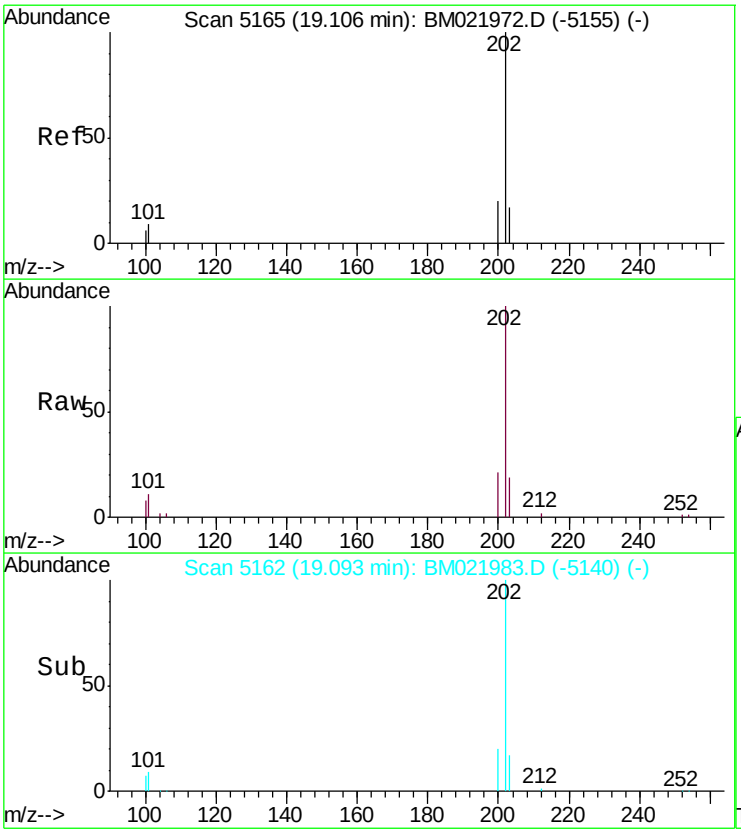
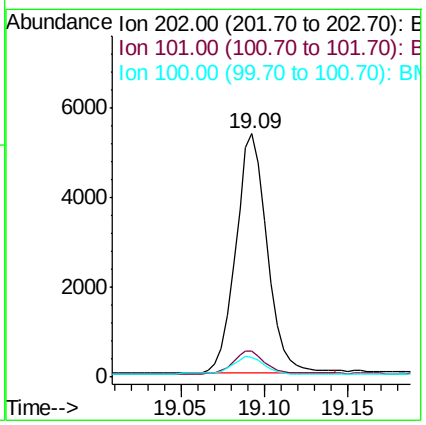
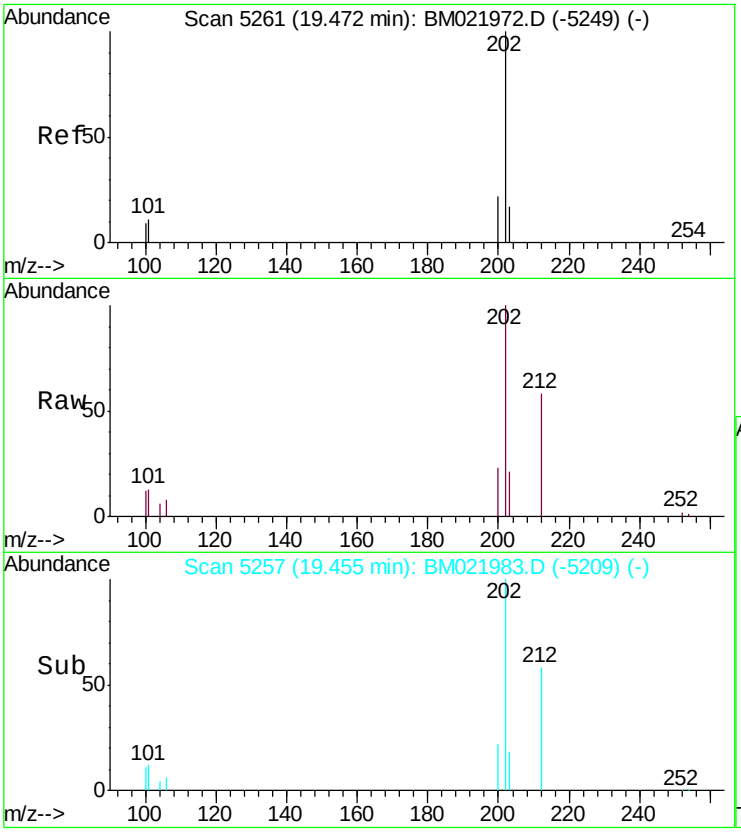


#15
Fluoranthene
Concen: 0.426 ng/ul m
RT: 19.09 min Scan# 5162
Delta R.T. -0.02 min
Lab File: BM021983.D
Acq: 09 Aug 2019 23:31

Tgt Ion:202 Resp: 7171

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.2
100	8.1	0.0	28.1





#17
Pyrene
Concen: 0.384 ng/ul m
RT: 19.45 min Scan# 5257
Delta R.T. -0.02 min
Lab File: BM021983.D
Acq: 09 Aug 2019 23:31

Tgt Ion:202 Resp: 7072

Ion	Ratio	Lower	Upper
202	100		
101	12.9	8.3	12.5#
100	11.7	7.2	10.8#

Instrument :
BNA_M
ClientSampleId :
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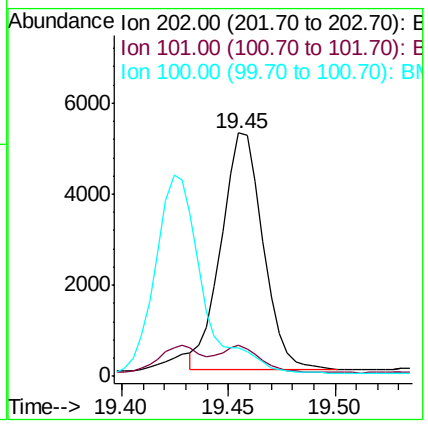
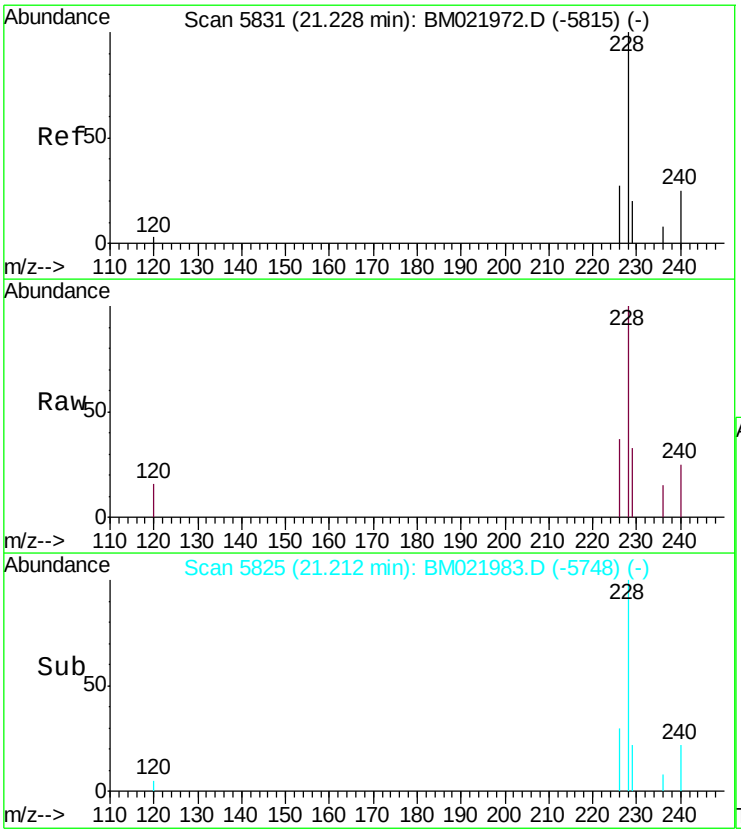
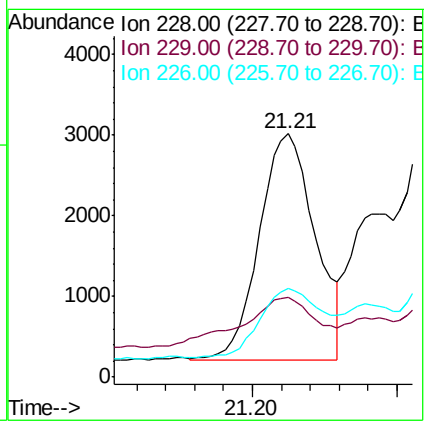


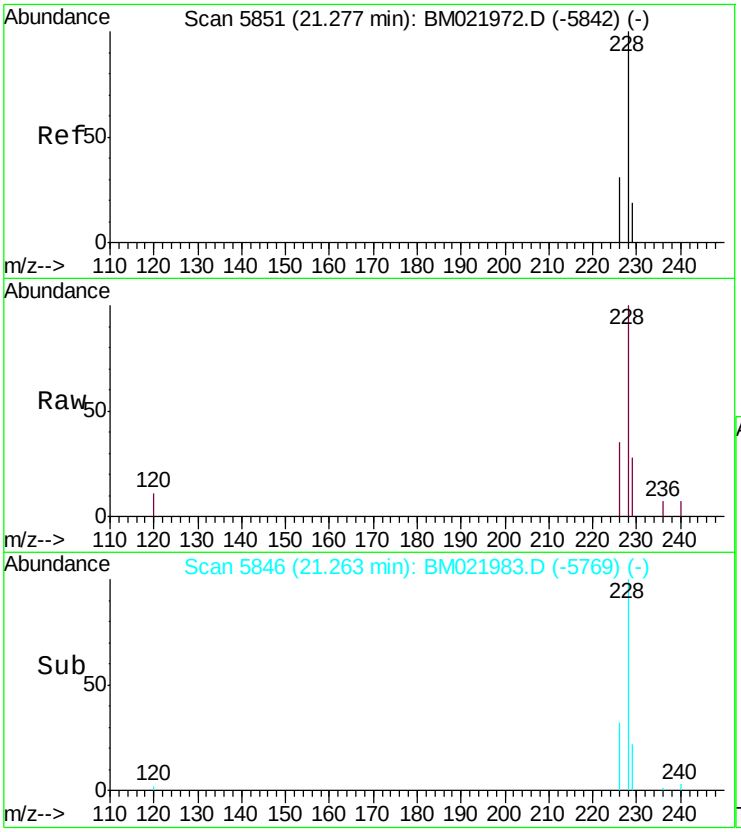


#18
Benzo(a)anthracene
Concen: 0.238 ng/ul m
RT: 21.21 min Scan# 5825
Delta R.T. -0.01 min
Lab File: BM021983.D
Acq: 09 Aug 2019 23:31

Tgt Ion:228 Resp: 3815

Ion	Ratio	Lower	Upper
228	100		
229	32.9	17.2	25.8#
226	36.5	22.6	34.0#

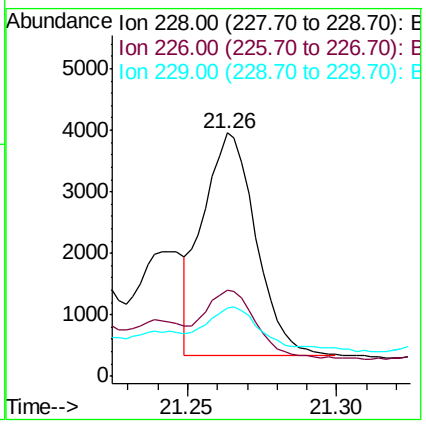




#19
Chrysene
Concen: 0.219 ng/ul m
RT: 21.26 min Scan# 5846
Delta R.T. -0.01 min
Lab File: BM021983.D
Acq: 09 Aug 2019 23:31

Tgt Ion:228 Resp: 4508

Ion	Ratio	Lower	Upper
228	100		
226	35.3	24.9	37.3
229	27.8	16.6	25.0#



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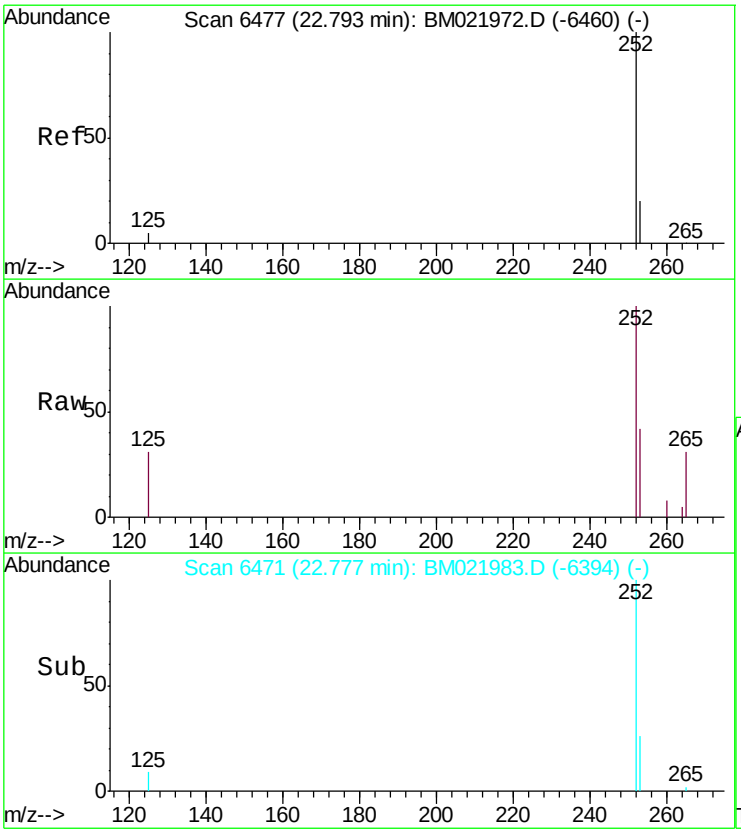
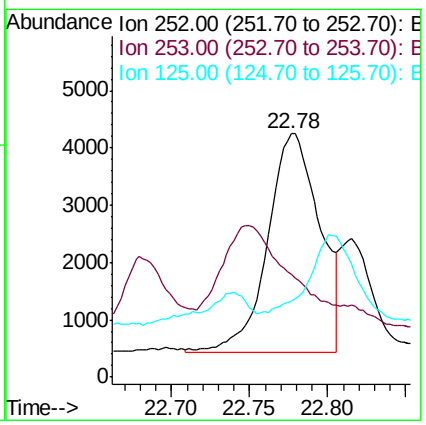
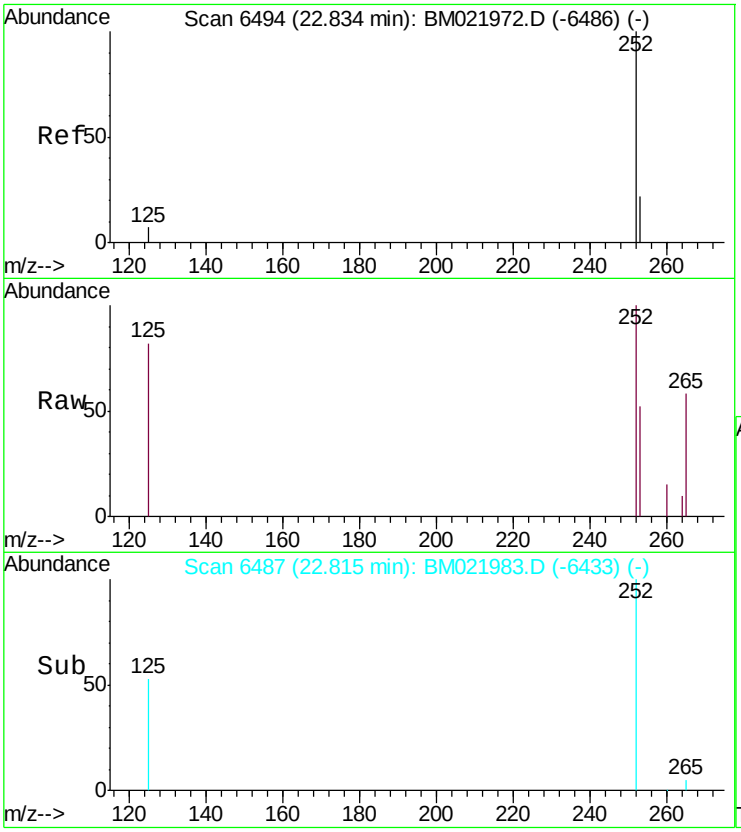


#21
Benzo(b)fluoranthene
Concen: 0.536 ng/ul m
RT: 22.78 min Scan# 6471
Delta R.T. -0.01 min
Lab File: BM021983.D
Acq: 09 Aug 2019 23:31

Tgt Ion:252 Resp: 8802

Ion	Ratio	Lower	Upper
252	100		
253	42.0	0.0	67.4
125	31.3	0.0	31.0#





#22
Benzo(k)fluoranthene
Concen: 0.139 ng/ul m
RT: 22.82 min Scan# 6487
Delta R.T. -0.02 min
Lab File: BM021983.D
Acq: 09 Aug 2019 23:31

Tgt Ion:252 Resp: 2583

Ion	Ratio	Lower	Upper
252	100		
253	52.0	27.0	40.4#
125	81.8	12.2	18.2#

Instrument :
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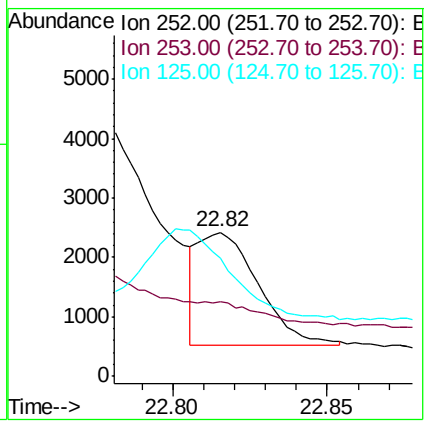
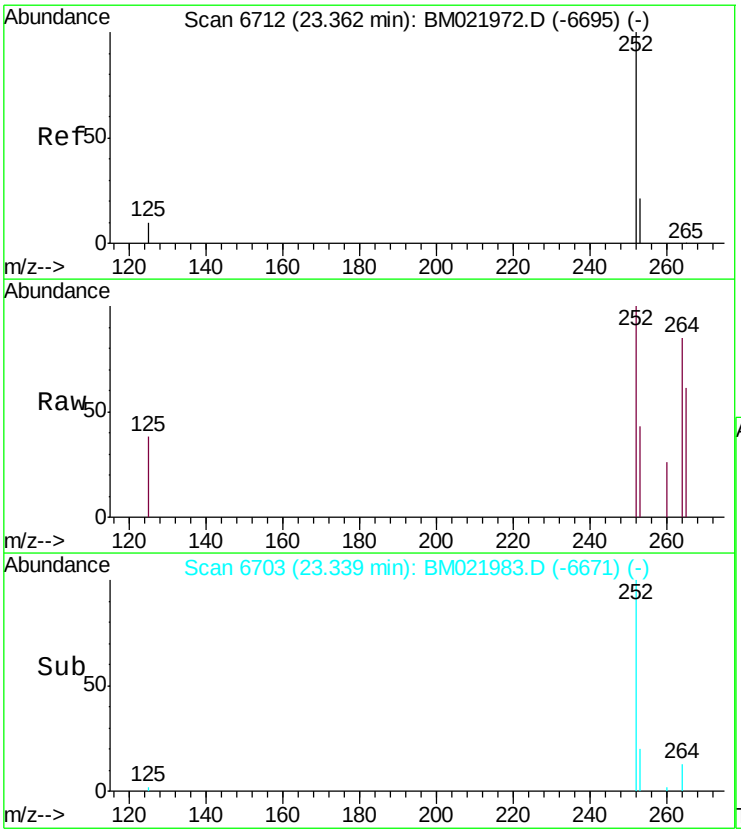
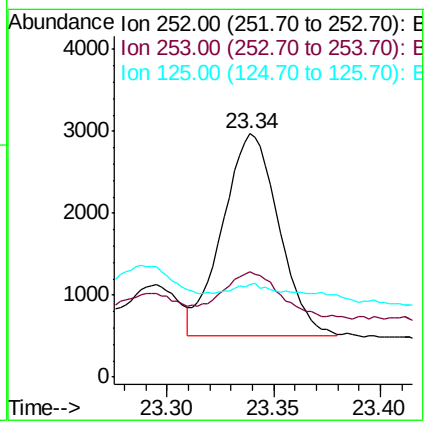


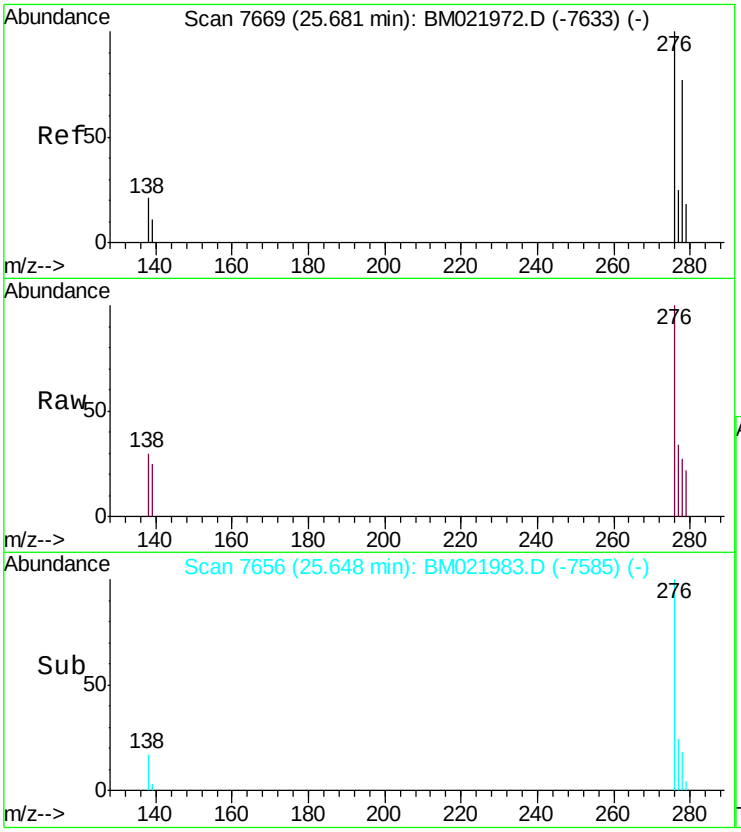


#23
Benzo(a)pyrene
Concen: 0.268 ng/ul m
RT: 23.34 min Scan# 6703
Delta R.T. -0.02 min
Lab File: BM021983.D
Acq: 09 Aug 2019 23:31

Tgt Ion:252 Resp: 4485

Ion	Ratio	Lower	Upper
252	100		
253	43.5	31.7	47.5
125	38.1	14.6	21.8#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.239 ng/ul m
RT: 25.65 min Scan# 7656
Delta R.T. -0.03 min
Lab File: BM021983.D
Acq: 09 Aug 2019 23:31

Tgt Ion:276 Resp: 4775

Ion	Ratio	Lower	Upper
276	100		
138	6.7	15.1	22.7#
227	0.0	0.0	0.0

Instrument :
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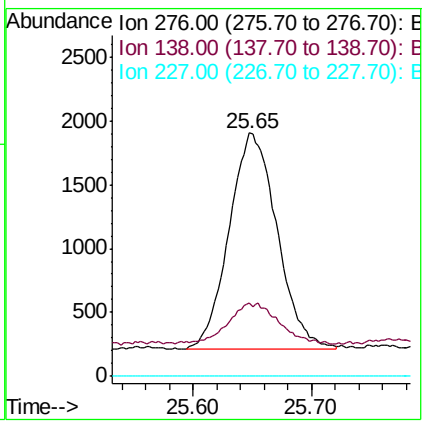
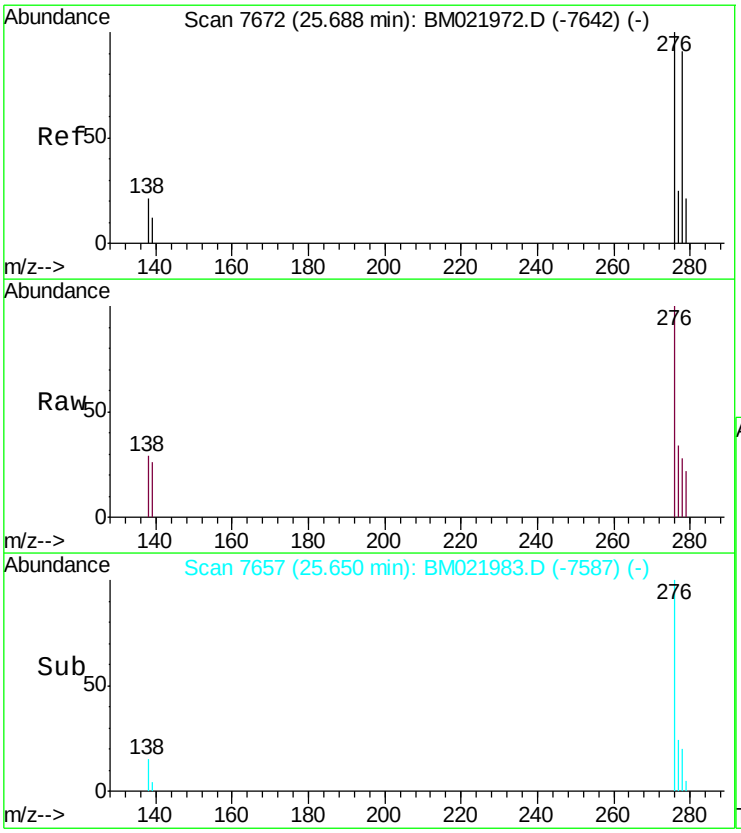
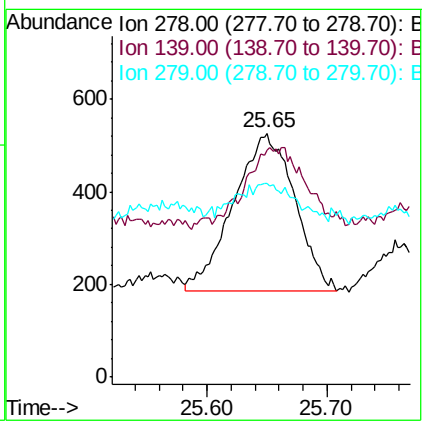


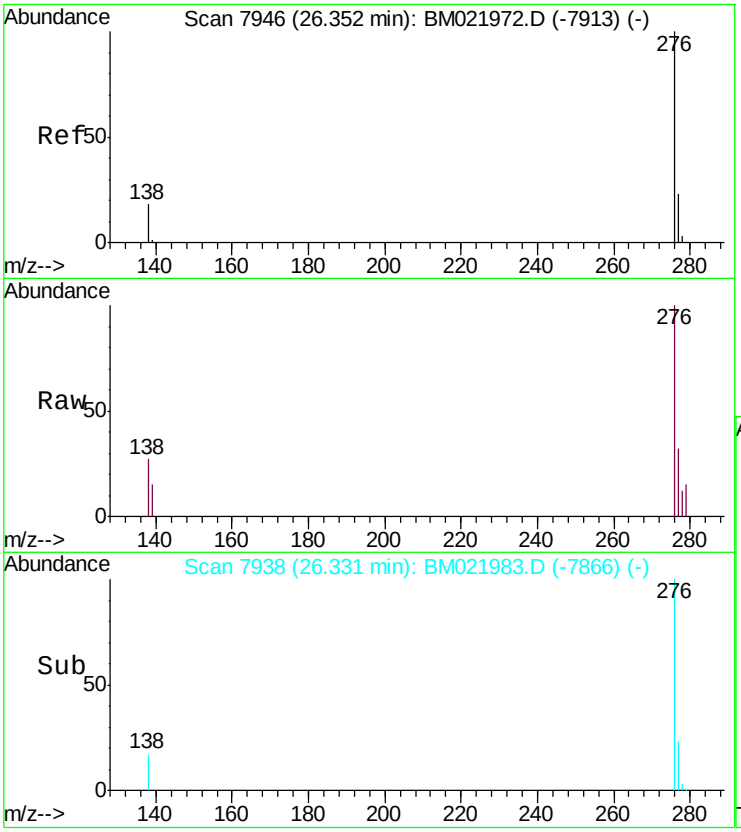


#25
Dibenzo(a,h)anthracene
Concen: 0.075 ng/ul m
RT: 25.65 min Scan# 7657
Delta R.T. -0.03 min
Lab File: BM021983.D
Acq: 09 Aug 2019 23:31

Tgt Ion:278 Resp: 1214

Ion	Ratio	Lower	Upper
278	100		
139	93.2	14.2	21.2#
279	79.7	28.3	42.5#

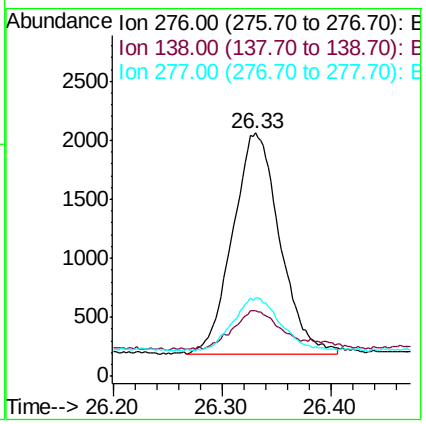




#26
Benzo(g,h,i)perylene
Concen: 0.316 ng/ul m
RT: 26.33 min Scan# 7938
Delta R.T. -0.03 min
Lab File: BM021983.D
Acq: 09 Aug 2019 23:31

Tgt Ion:276 Resp: 5675

Ion	Ratio	Lower	Upper
276	100		
138	27.0	15.5	23.3#
277	32.3	21.4	32.2#



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