Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
Data File : BM021927.D
Acq On : 08 Aug 2019 11:18
Operator : HP/JU
Sample : K4029-15DL 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY5DL

Manual Integrations APPROVED
mohammad
8/9/2019 6:12:16 AM

Quant Time: Aug 08 13:58:01 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 : Thu Aug 08 06:54:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	707	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	3049	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.28	164	1677	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	3661	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	3428	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	5058	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	293	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	708	0.06	ng/ul	-0.01
Target Compounds						Qvalue
7) Acenaphthylene	14.00	152	412	0.053	ng/ul#	70
12) Phenanthrene	17.07	178	2639	0.248	ng/ul	98
13) Anthracene	17.17	178	713	0.078	ng/ul#	74
15) Fluoranthene	19.10	202	6896	0.483	ng/ul	100
17) Pyrene	19.46	202	6759	0.480	ng/ul	95
18) Benzo(a)anthracene	21.22	228	3983	0.325	ng/ul	94
19) Chrysene	21.28	228	3870	0.245	ng/ul	95
21) Benzo(b)fluoranthene	22.79	252	5298m	0.311	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	2504m	0.130	ng/ul	
23) Benzo(a)pyrene	23.36	252	3537	0.204	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.68	276	2605	0.126	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.68	278	613	0.037	ng/ul#	23
26) Benzo(g,h,i)perylene	26.36	276	2197	0.118	ng/ul#	86

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

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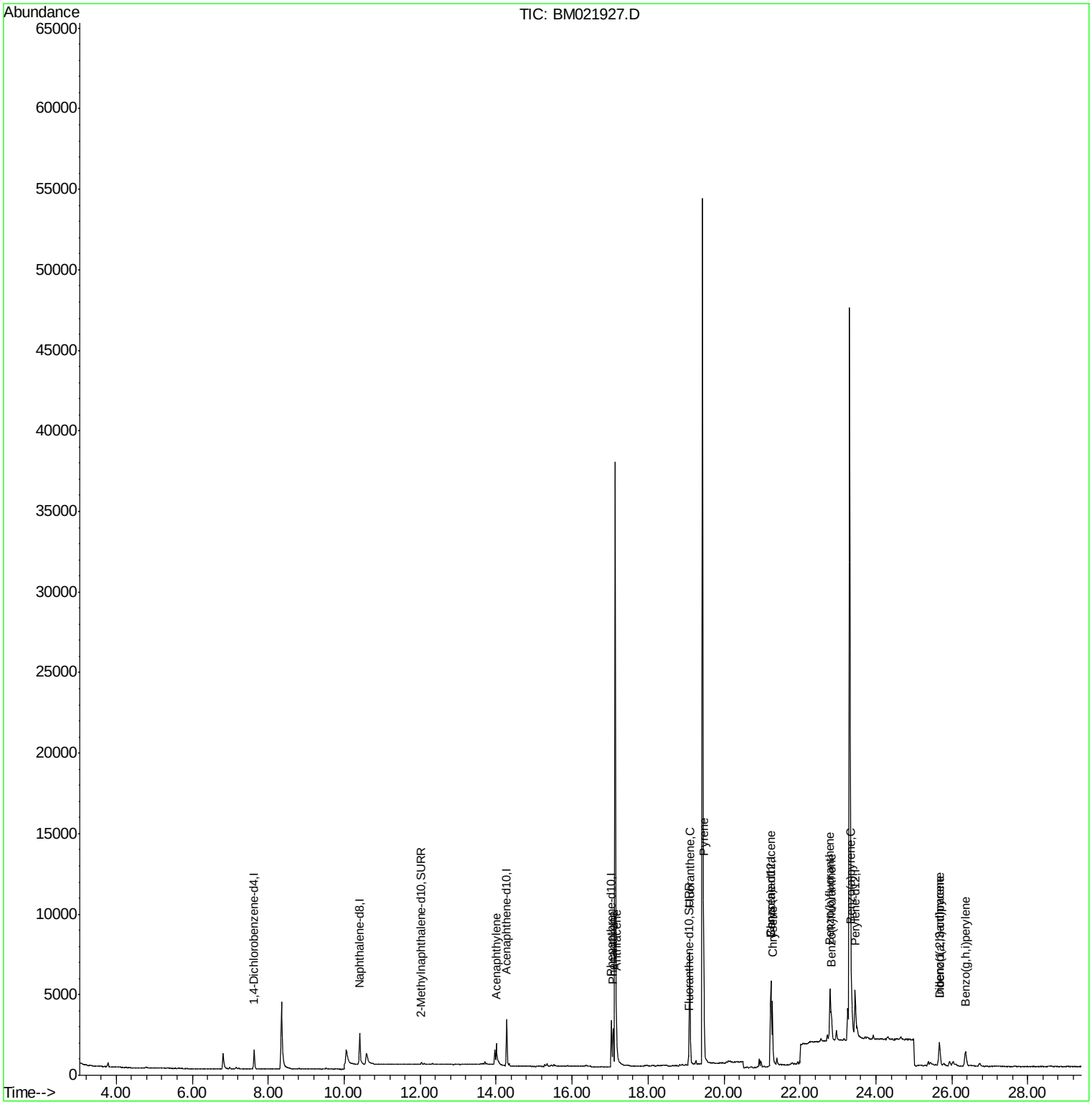
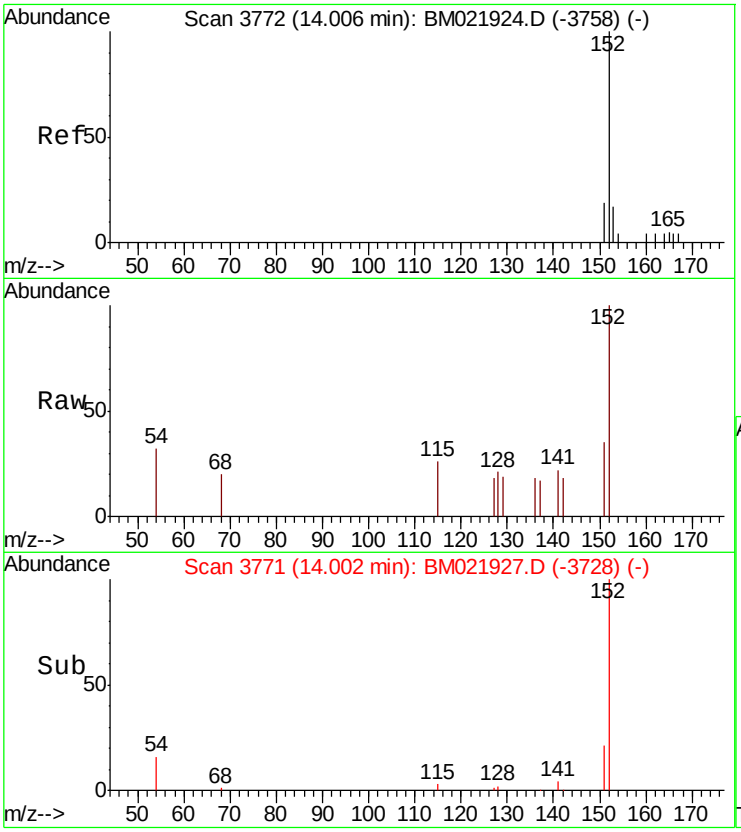
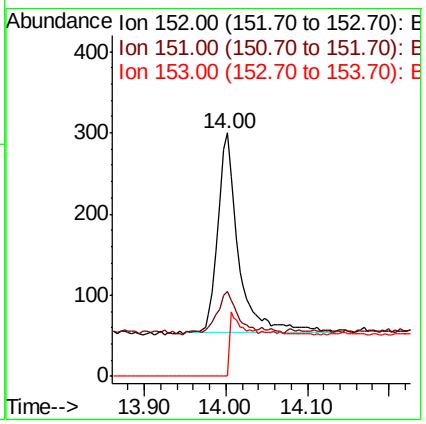




#7
Acenaphthylene
Concen: 0.053 ng/ul
RT: 14.00 min Scan# 3771
Delta R.T. -0.01 min
Lab File: BM021927.D
Acq: 08 Aug 2019 11:18

Tgt Ion:152 Resp: 412

Ion	Ratio	Lower	Upper
152	100		
151	35.0	18.3	27.5#
153	0.0	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
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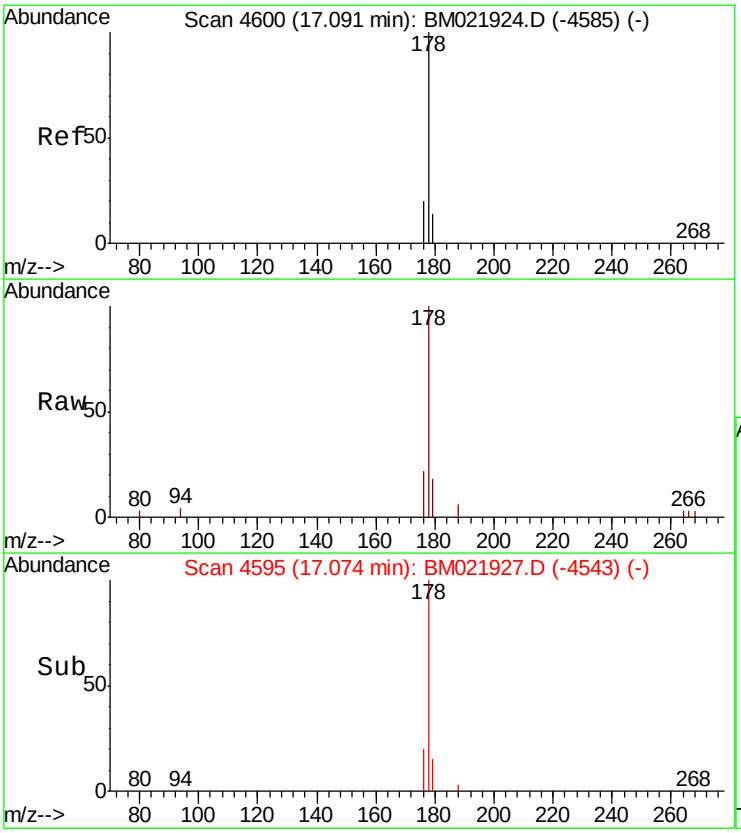
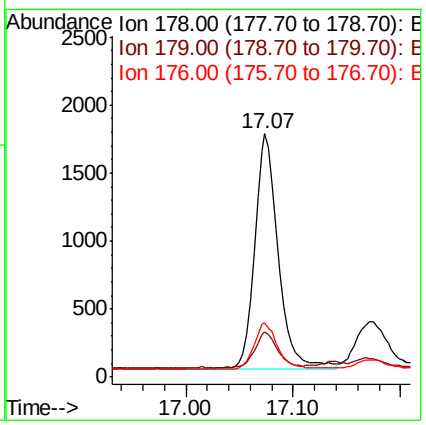
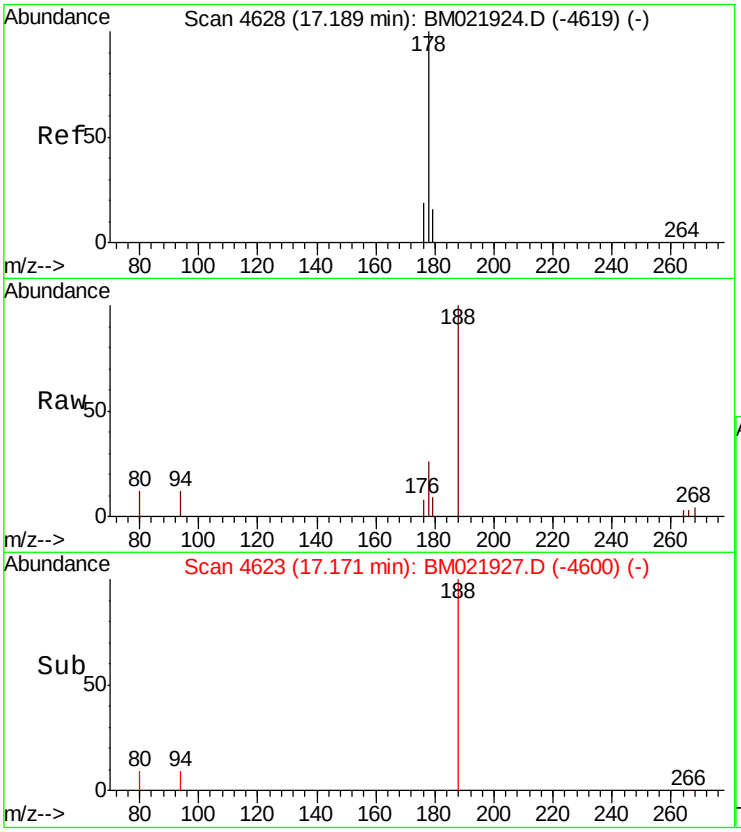


#12
Phenanthrene
Concen: 0.248 ng/ul
RT: 17.07 min Scan# 4595
Delta R.T. -0.02 min
Lab File: BM021927.D
Acq: 08 Aug 2019 11:18

Tgt Ion:178 Resp: 2639

Ion	Ratio	Lower	Upper
178	100		
179	18.3	14.2	21.2
176	22.2	16.8	25.2





#13
Anthracene
Concen: 0.078 ng/ul
RT: 17.17 min Scan# 4623
Delta R.T. -0.02 min
Lab File: BM021927.D
Acq: 08 Aug 2019 11:18

Tgt Ion:178 Resp: 713

Ion	Ratio	Lower	Upper
178	100		
179	33.3	15.5	23.3#
176	31.1	16.6	25.0#

Instrument :
BNA_M
ClientSampleId :
BENY5DL

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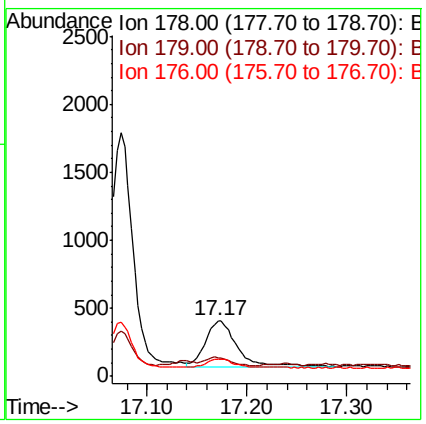
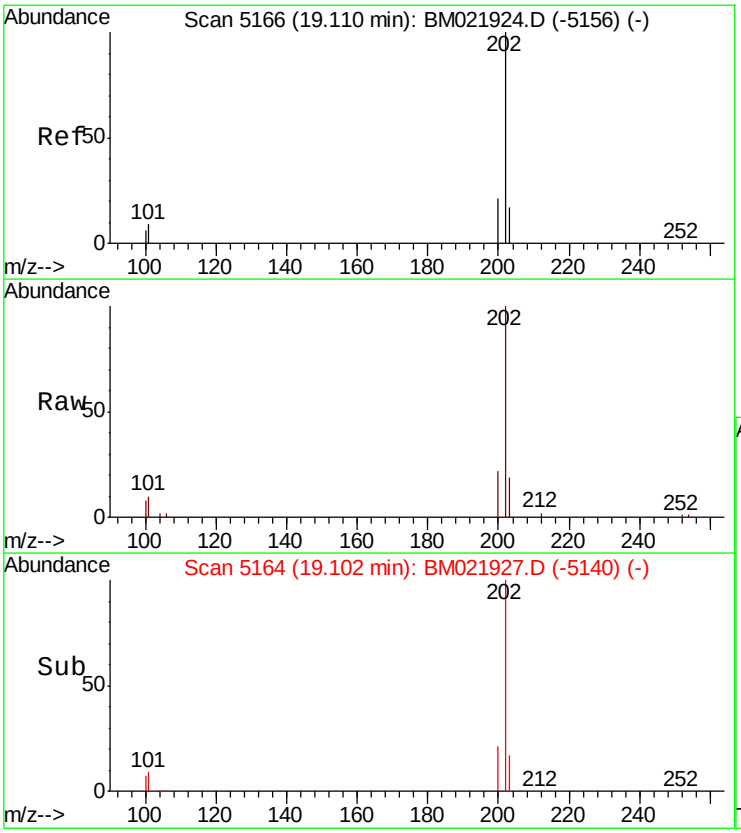
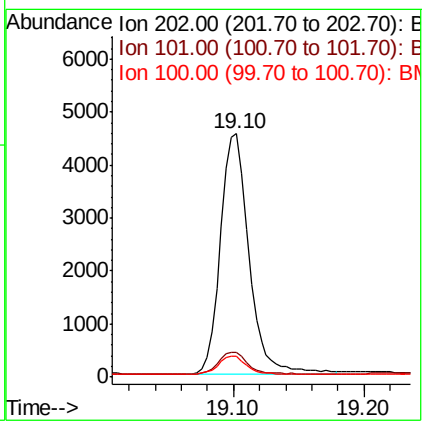


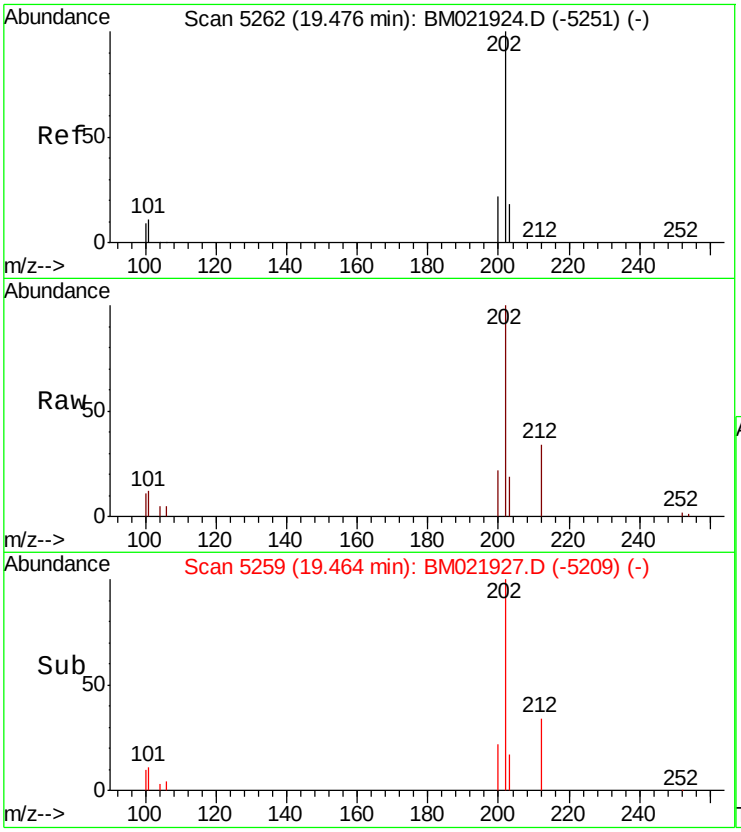


#15
Fluoranthene
Concen: 0.483 ng/ul
RT: 19.10 min Scan# 5164
Delta R.T. -0.01 min
Lab File: BM021927.D
Acq: 08 Aug 2019 11:18

Tgt Ion:202 Resp: 6896

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	30.2
100	8.3	0.0	28.1





#17
Pyrene
Concen: 0.480 ng/ul
RT: 19.46 min Scan# 5259
Delta R.T. -0.01 min
Lab File: BM021927.D
Acq: 08 Aug 2019 11:18

Tgt Ion:202 Resp: 6759

Ion	Ratio	Lower	Upper
202	100		
101	12.2	8.3	12.5
100	10.8	7.2	10.8

Instrument :
BNA_M
ClientSampleId :
BENY5DL

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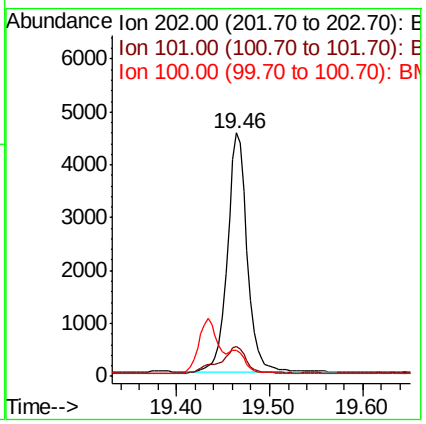
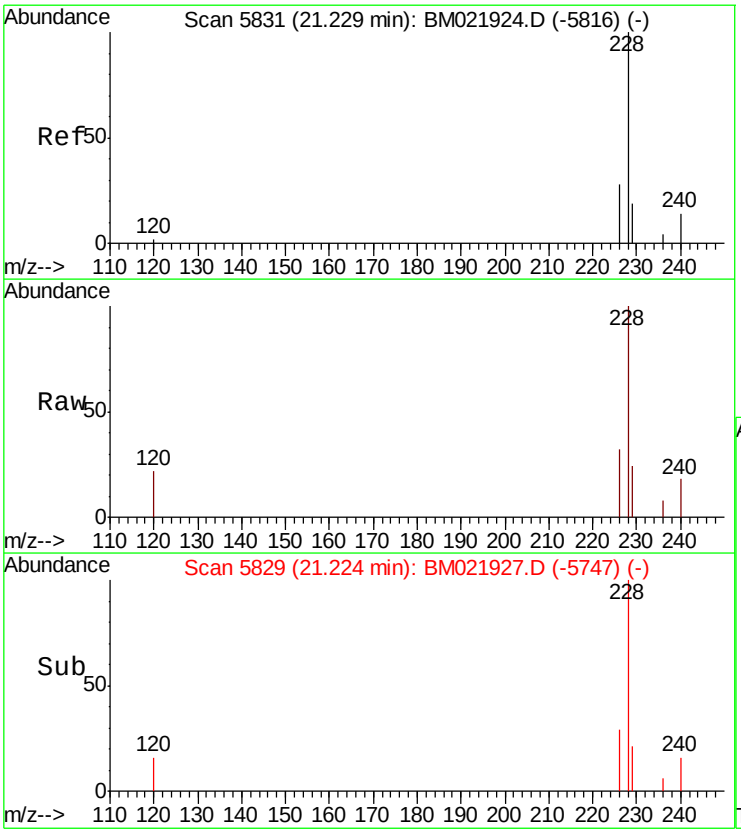
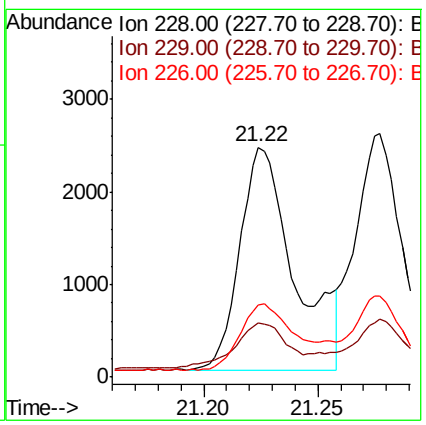


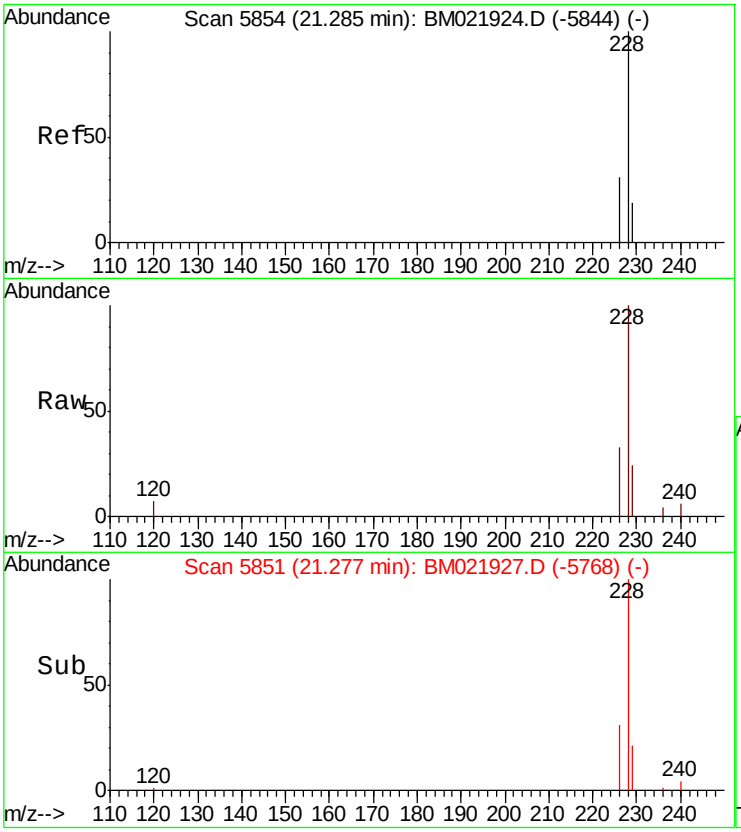


#18
Benzo(a)anthracene
Concen: 0.325 ng/ul
RT: 21.22 min Scan# 5829
Delta R.T. -0.00 min
Lab File: BM021927.D
Acq: 08 Aug 2019 11:18

Tgt Ion:228 Resp: 3983

Ion	Ratio	Lower	Upper
228	100		
229	23.8	17.2	25.8
226	31.5	22.6	34.0

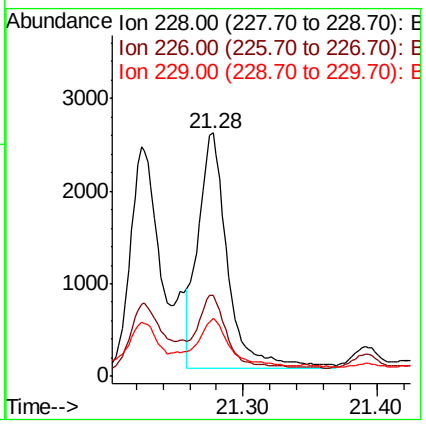




#19
Chrysene
Concen: 0.245 ng/ul
RT: 21.28 min Scan# 5851
Delta R.T. -0.00 min
Lab File: BM021927.D
Acq: 08 Aug 2019 11:18

Tgt Ion:228 Resp: 3870

Ion	Ratio	Lower	Upper
228	100		
226	33.2	24.9	37.3
229	23.8	16.6	25.0



Instrument :
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ClientSampleId :
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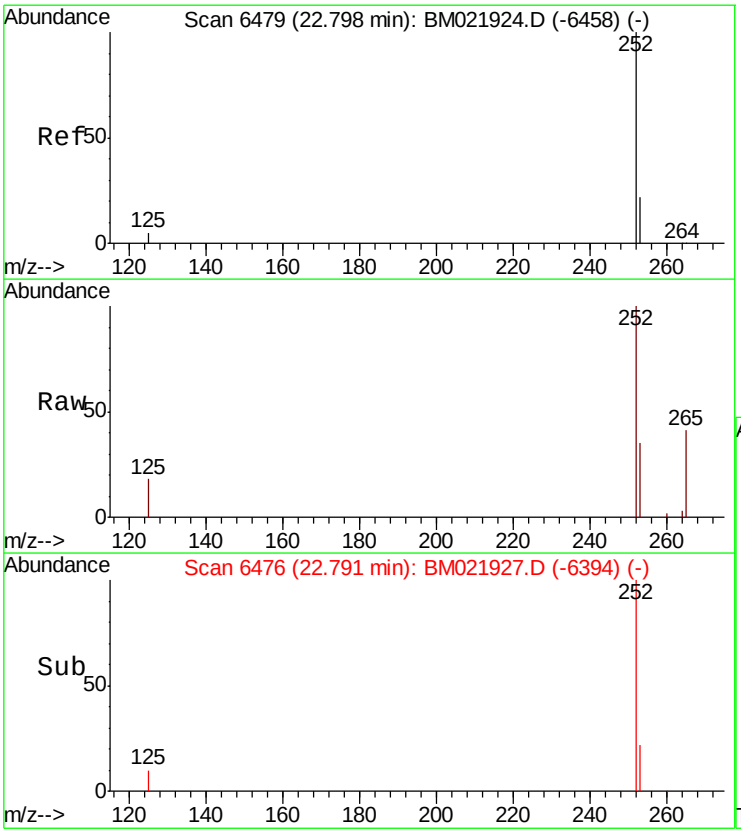
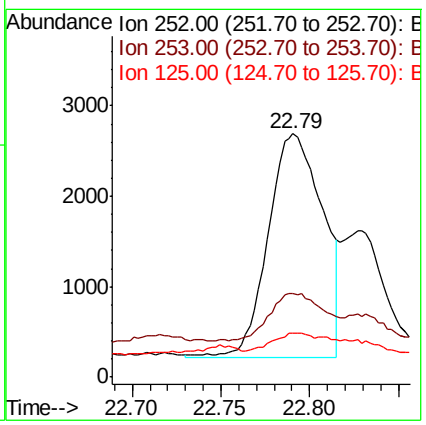
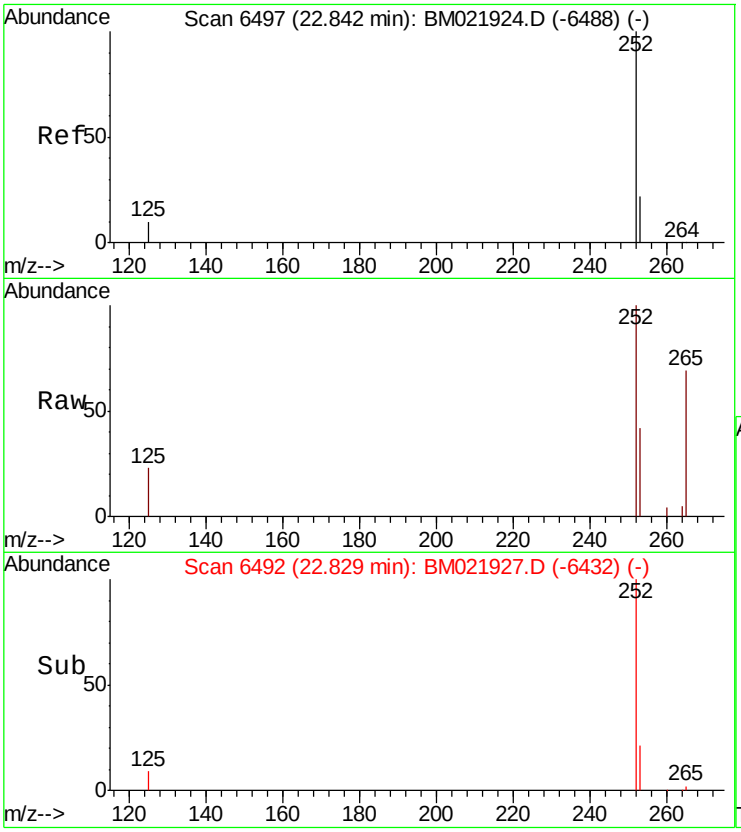


#21
Benzo(b)fluoranthene
Concen: 0.311 ng/ul m
RT: 22.79 min Scan# 6476
Delta R.T. -0.00 min
Lab File: BM021927.D
Acq: 08 Aug 2019 11:18

Tgt Ion:252 Resp: 5298

Ion	Ratio	Lower	Upper
252	100		
253	34.5	0.0	67.4
125	18.3	0.0	31.0

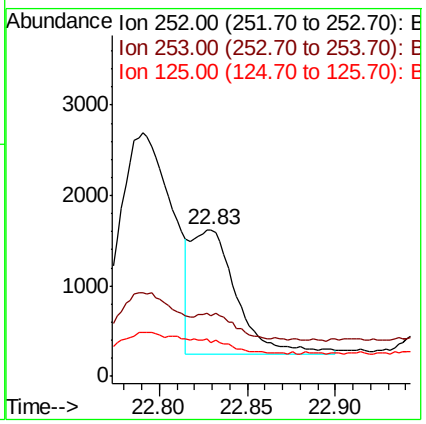




#22
Benzo(k)fluoranthene
Concen: 0.130 ng/ul m
RT: 22.83 min Scan# 6492
Delta R.T. -0.01 min
Lab File: BM021927.D
Acq: 08 Aug 2019 11:18

Tgt Ion:252 Resp: 2504

Ion	Ratio	Lower	Upper
252	100		
253	41.6	27.0	40.4#
125	23.3	12.2	18.2#



Instrument :
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ClientSampleId :
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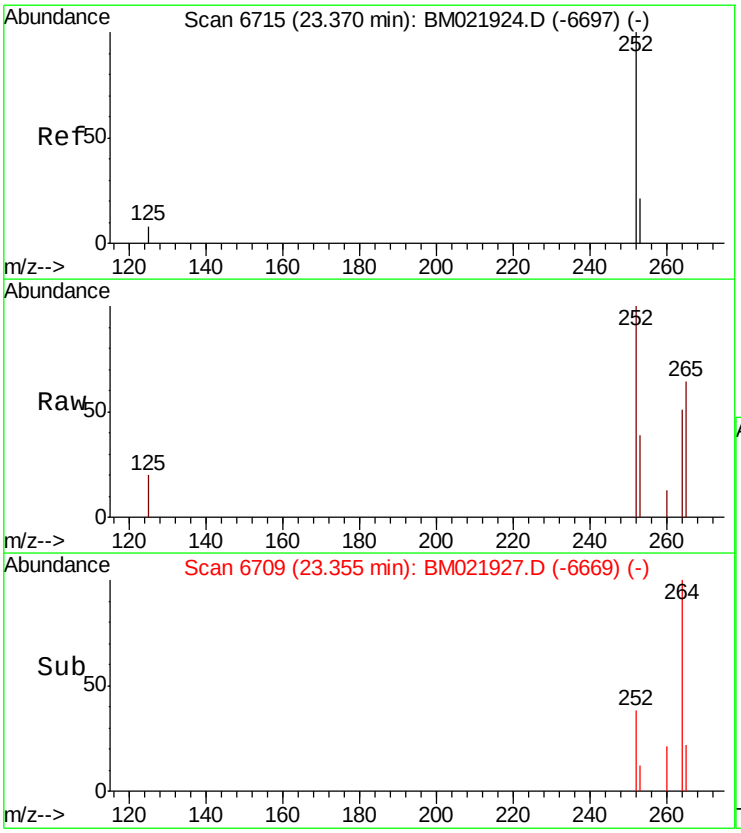
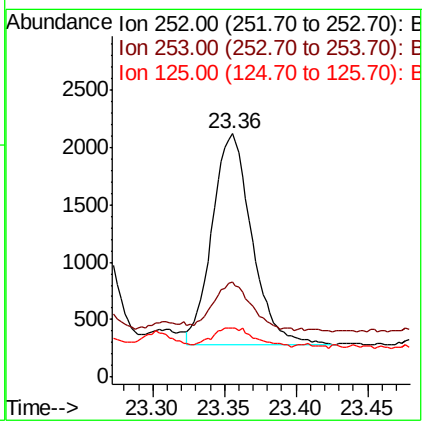
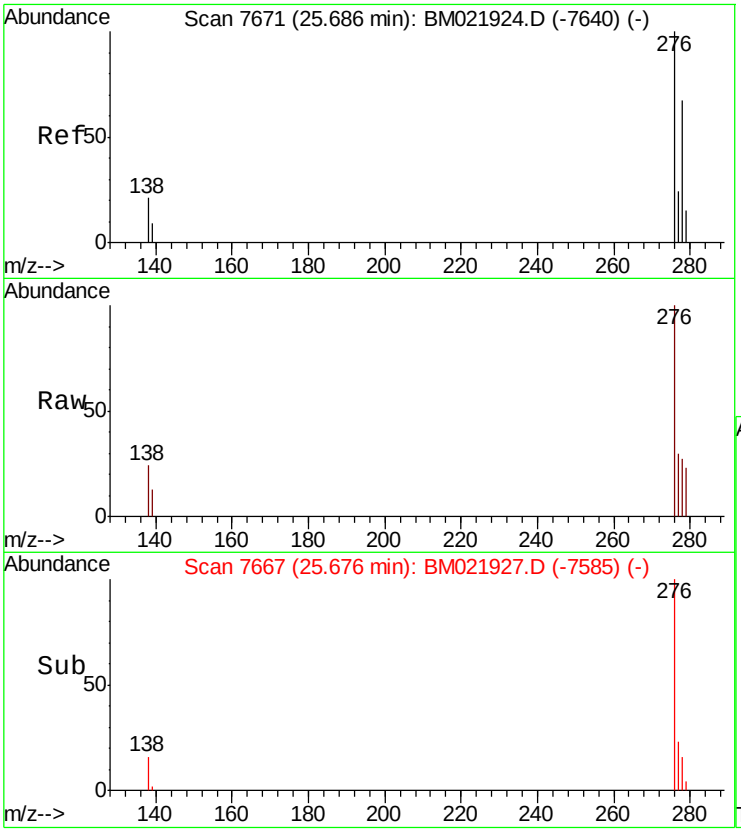


#23
Benzo(a)pyrene
Concen: 0.204 ng/ul
RT: 23.36 min Scan# 6709
Delta R.T. -0.00 min
Lab File: BM021927.D
Acq: 08 Aug 2019 11:18

Tgt Ion:252 Resp: 3537

Ion	Ratio	Lower	Upper
252	100		
253	39.0	31.7	47.5
125	20.0	14.6	21.8

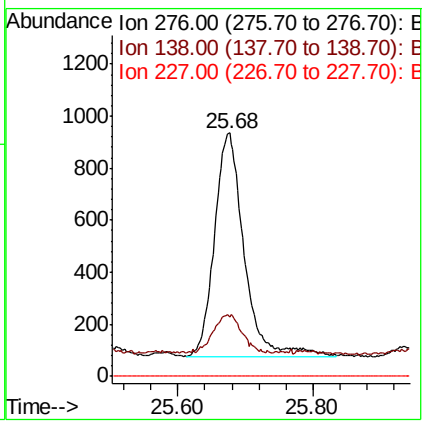




#24
Indeno(1,2,3-cd)pyrene
Concen: 0.126 ng/ul
RT: 25.68 min Scan# 7667
Delta R.T. -0.00 min
Lab File: BM021927.D
Acq: 08 Aug 2019 11:18

Tgt Ion:276 Resp: 2605

Ion	Ratio	Lower	Upper
276	100		
138	16.8	15.1	22.7
227	0.0	0.0	0.0



Instrument :
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ClientSampleId :
BENY5DL

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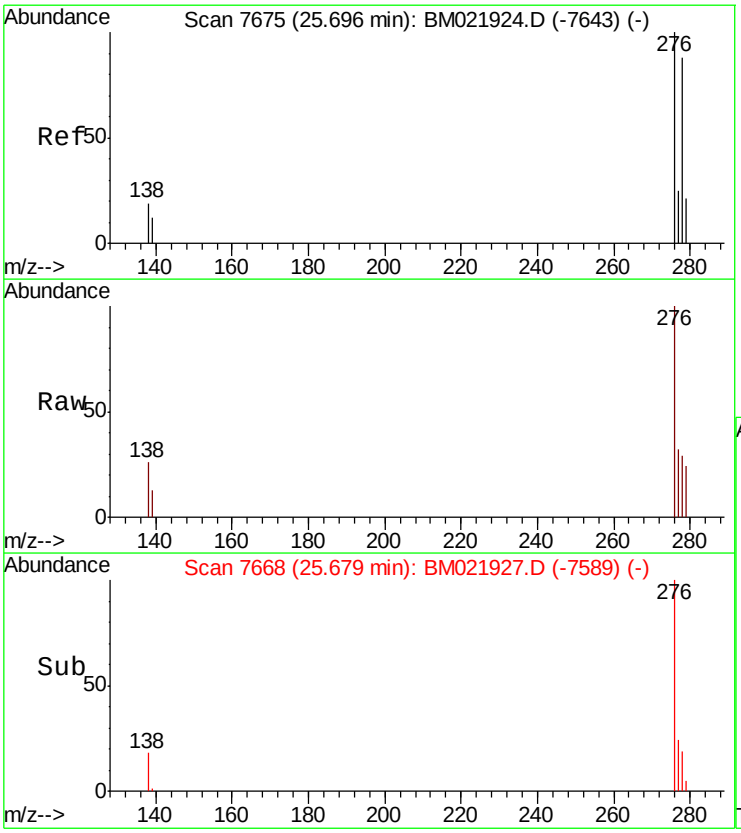
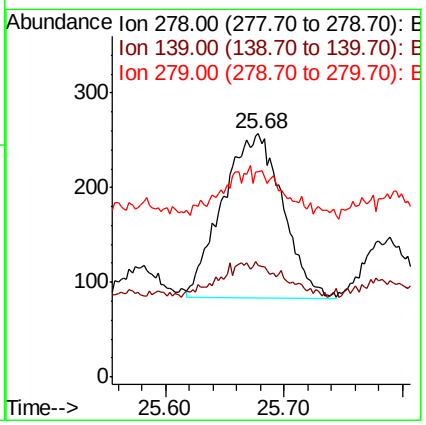
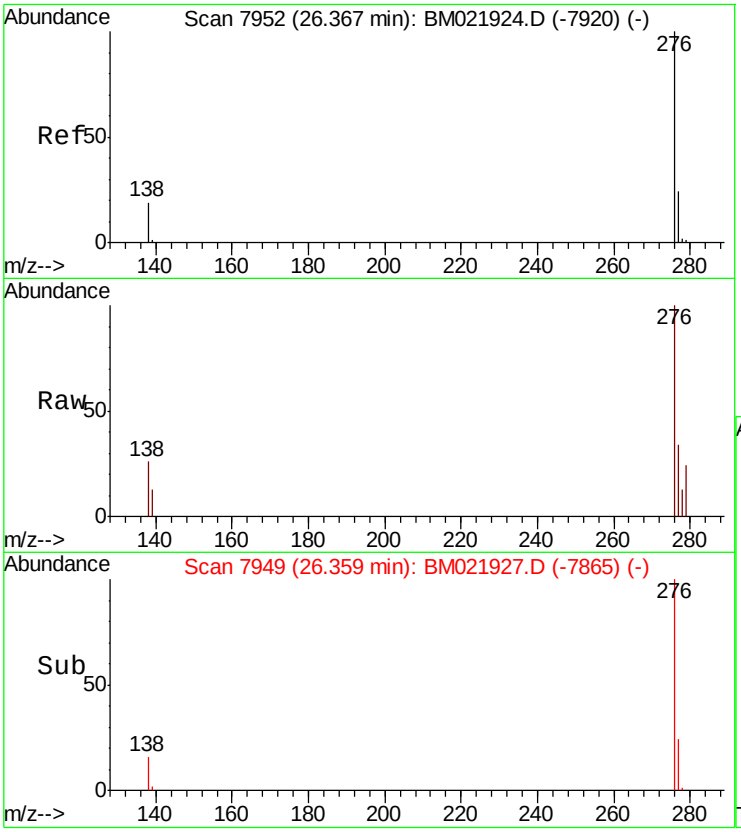


#25
Dibenzo(a,h)anthracene
Concen: 0.037 ng/ul
RT: 25.68 min Scan# 7668
Delta R.T. -0.01 min
Lab File: BM021927.D
Acq: 08 Aug 2019 11:18

Tgt Ion:278 Resp: 613

Ion	Ratio	Lower	Upper
278	100		
139	45.9	14.2	21.2#
279	84.0	28.3	42.5#

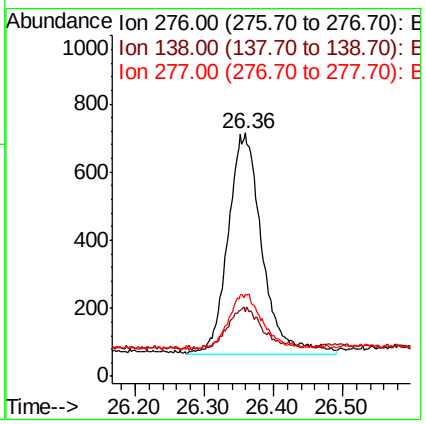




#26
Benzo(g,h,i)perylene
Concen: 0.118 ng/ul
RT: 26.36 min Scan# 7949
Delta R.T. 0.00 min
Lab File: BM021927.D
Acq: 08 Aug 2019 11:18

Tgt Ion:276 Resp: 2197

Ion	Ratio	Lower	Upper
276	100		
138	26.3	15.5	23.3#
277	33.7	21.4	32.2#



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