Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112316\
Data File : BM008078.D
Acq On : 24 Nov 2016 17:27
Operator : UM/SJ
Sample : H5701-17
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4WE8

Manual Integrations APPROVED
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11/28/2016 5:30:29 PM

Quant Time: Nov 25 03:48:08 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 25 01:27:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	636	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.49	136	2179	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.35	164	1377	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	2835m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.29	240	2710	0.40	ng/ul	0.00
20) Perylene-d12	23.52	264	2180m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.09	152	962	0.31	ng/ul	-0.01
14) Fluoranthene-d10	19.13	212	2120	0.26	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.06	152	619	0.10	ng/ul#	81
12) Phenanthrene	17.12	178	2228	0.25	ng/ul	98
13) Anthracene	17.23	178	361	0.04	ng/ul#	62
15) Fluoranthene	19.16	202	5972	0.52	ng/ul	95
17) Pyrene	19.52	202	5935	0.63	ng/ul	98
18) Benzo(a)anthracene	21.27	228	2536m	0.30	ng/ul	
19) Chrysene	21.33	228	3053	0.30	ng/ul	96
21) Benzo(b)fluoranthene	22.86	252	4029m	0.46	ng/ul	
22) Benzo(k)fluoranthene	22.89	252	1588m	0.18	ng/ul	
23) Benzo(a)pyrene	23.42	252	3592m	0.44	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.78	276	2098m	0.21	ng/ul	
25) Dibenzo(a,h)anthracene	25.78	278	612m	0.08	ng/ul	
26) Benzo(g,h,i)perylene	26.47	276	1783m	0.20	ng/ul	

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

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Instrument :
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ClientSampleId :
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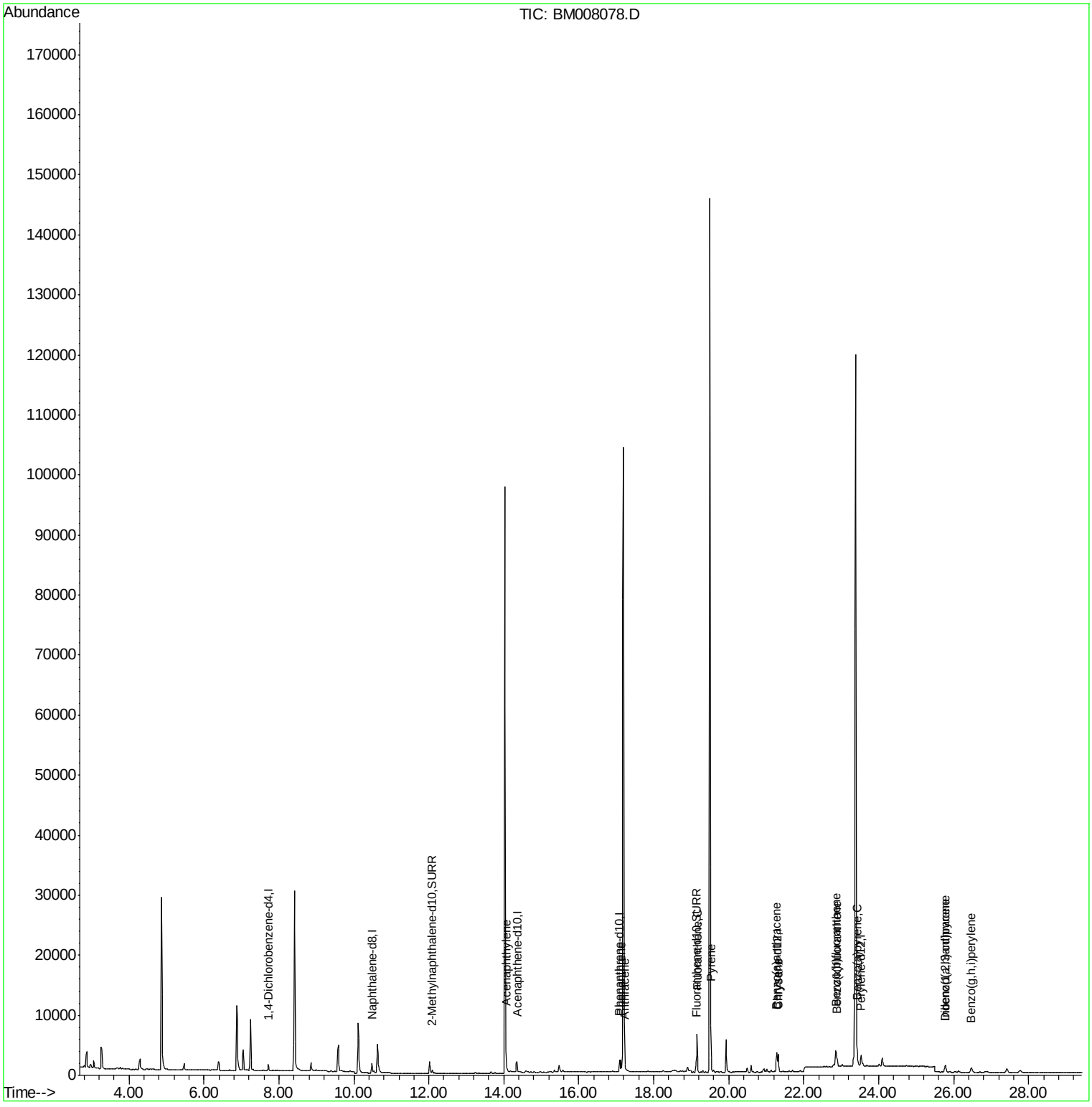
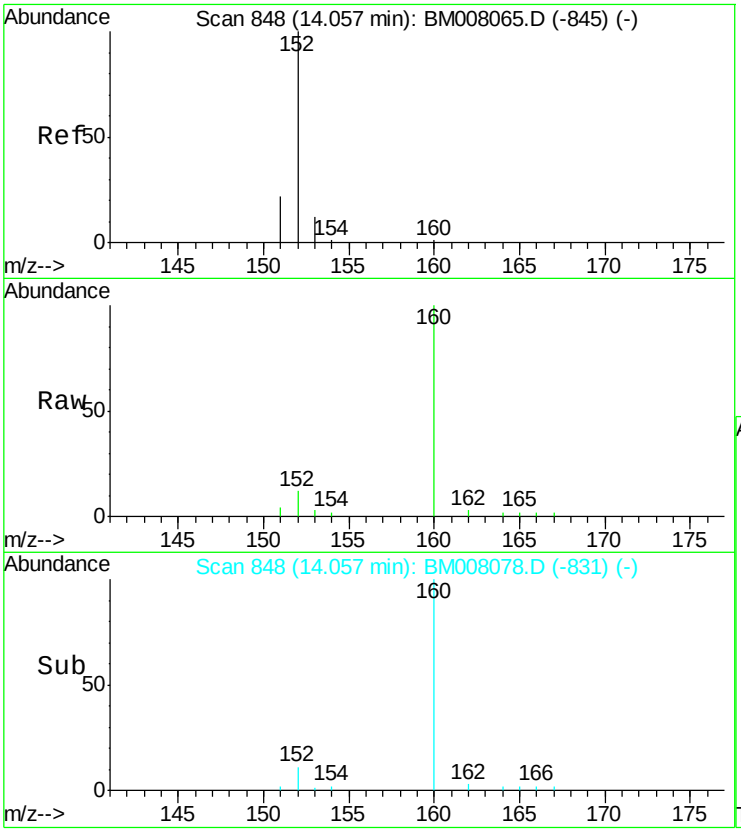
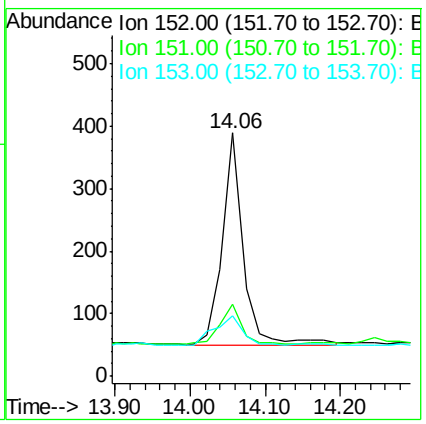




#7
Acenaphthylene
Concen: 0.10 ng/ul
RT: 14.06 min Scan# 848
Delta R.T. 0.00 min
Lab File: BM008078.D
Acq: 24 Nov 2016 17:27

Tgt Ion:152 Resp: 619

Ion	Ratio	Lower	Upper
152	100		
151	29.8	17.1	25.7#
153	24.9	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
A4WE8

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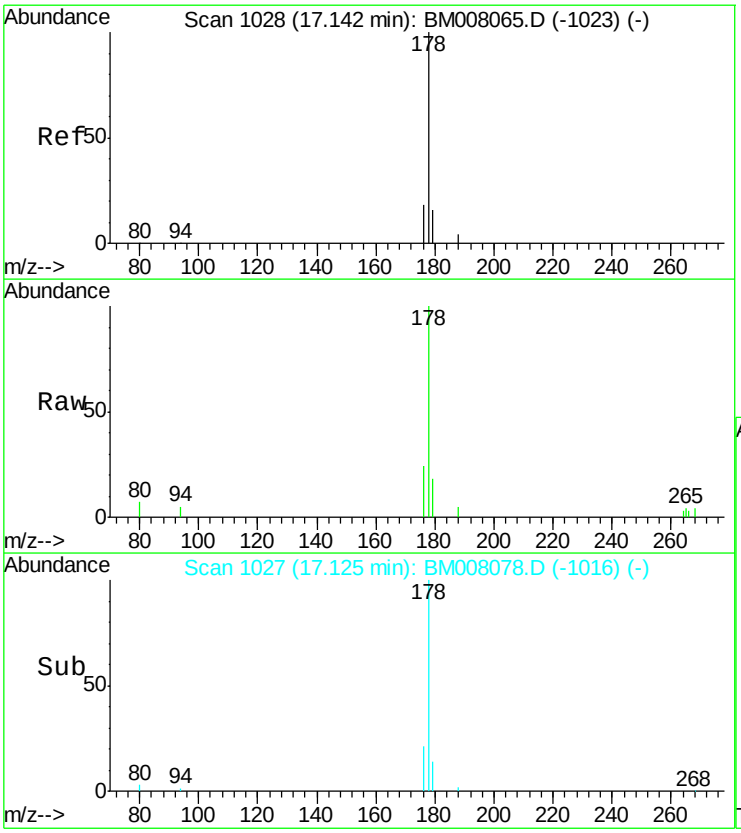
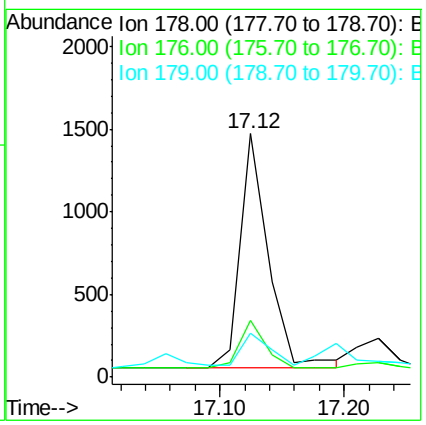
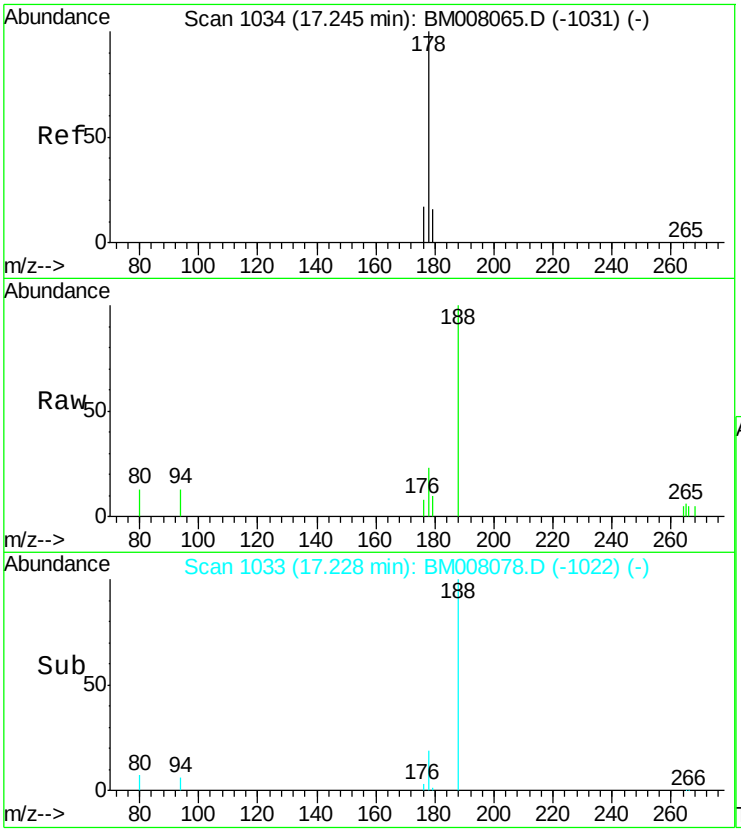


#12
Phenanthrene
Concen: 0.25 ng/ul
RT: 17.12 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BM008078.D
Acq: 24 Nov 2016 17:27

Tgt Ion:178 Resp: 2228

Ion	Ratio	Lower	Upper
178	100		
176	23.6	18.4	27.6
179	18.1	13.6	20.4

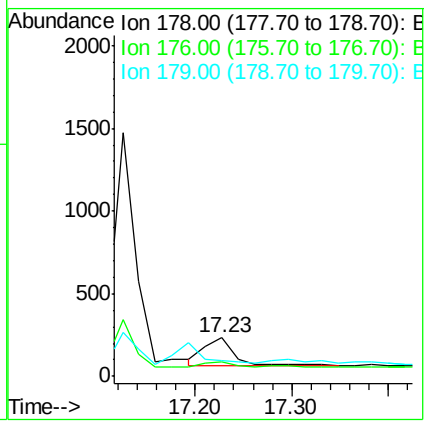




#13
Anthracene
Concen: 0.04 ng/ul
RT: 17.23 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BM008078.D
Acq: 24 Nov 2016 17:27

Tgt Ion:178 Resp: 361

Ion	Ratio	Lower	Upper
178	100		
176	36.1	18.1	27.1#
179	40.8	14.7	22.1#



Instrument :
BNA_M
ClientSampleId :
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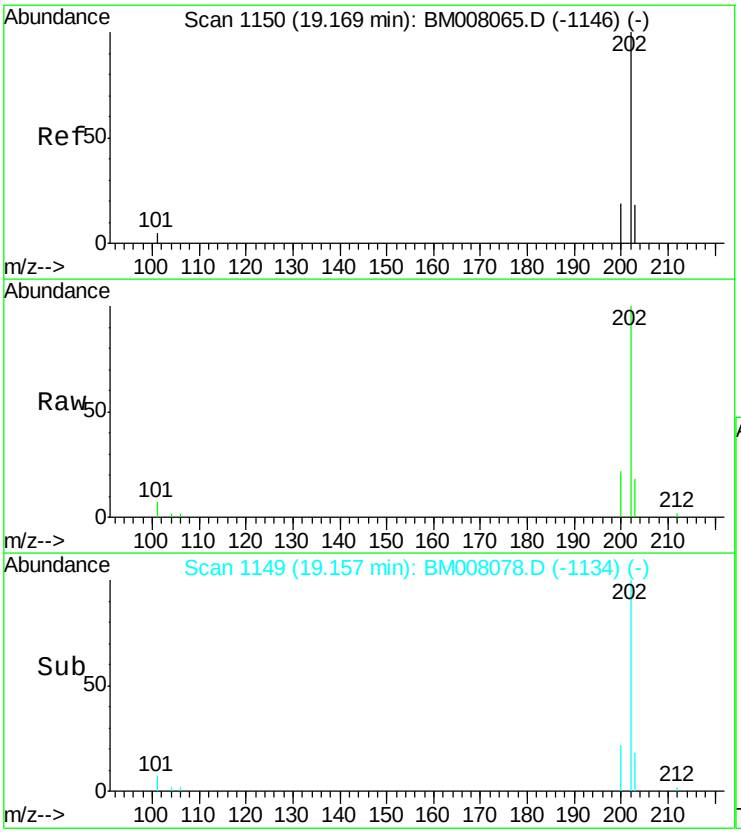
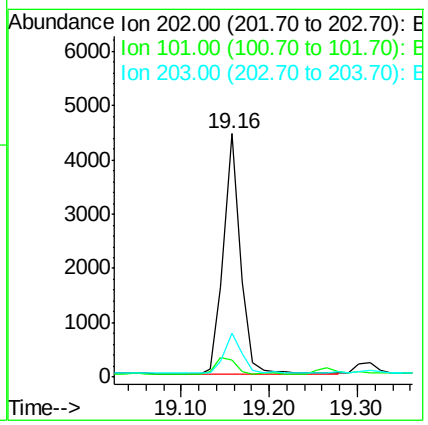
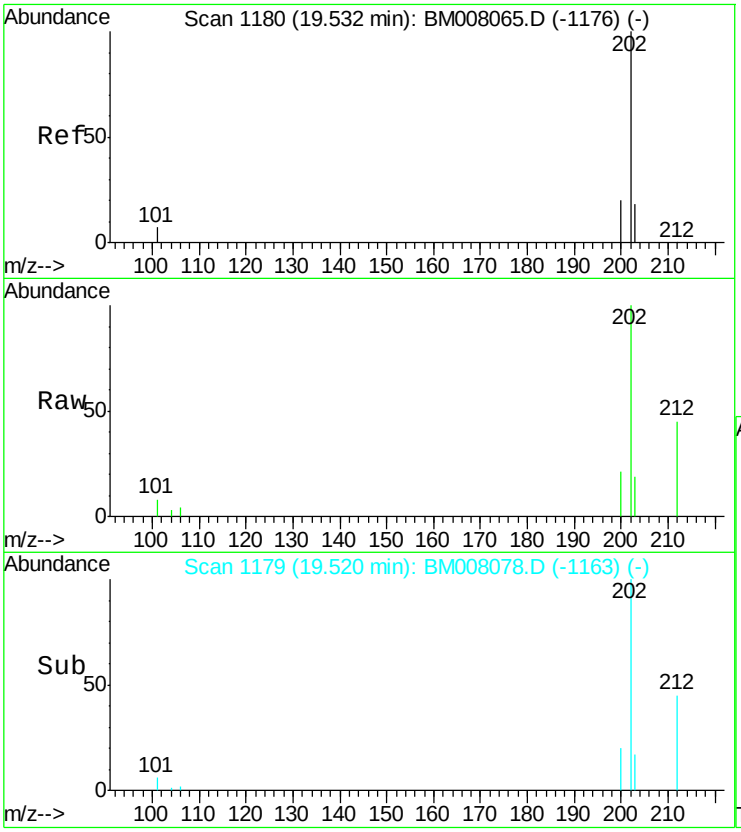


#15
Fluoranthene
Concen: 0.52 ng/ul
RT: 19.16 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BM008078.D
Acq: 24 Nov 2016 17:27

Tgt Ion:202 Resp: 5972

Ion	Ratio	Lower	Upper
202	100		
101	7.2	0.0	30.3
203	18.0	0.0	39.5

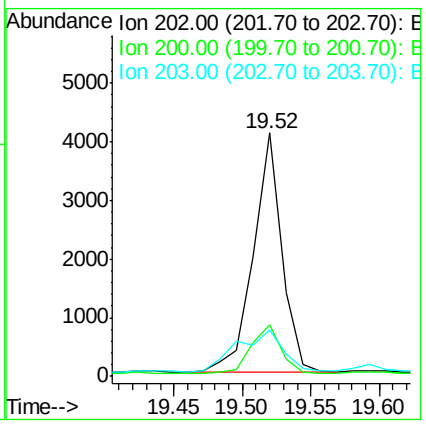




#17
Pyrene
Concen: 0.63 ng/ul
RT: 19.52 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BM008078.D
Acq: 24 Nov 2016 17:27

Tgt Ion:202 Resp: 5935

Ion	Ratio	Lower	Upper
202	100		
200	21.3	18.2	27.4
203	19.1	15.6	23.4



Instrument :
BNA_M
ClientSampleId :
A4WE8

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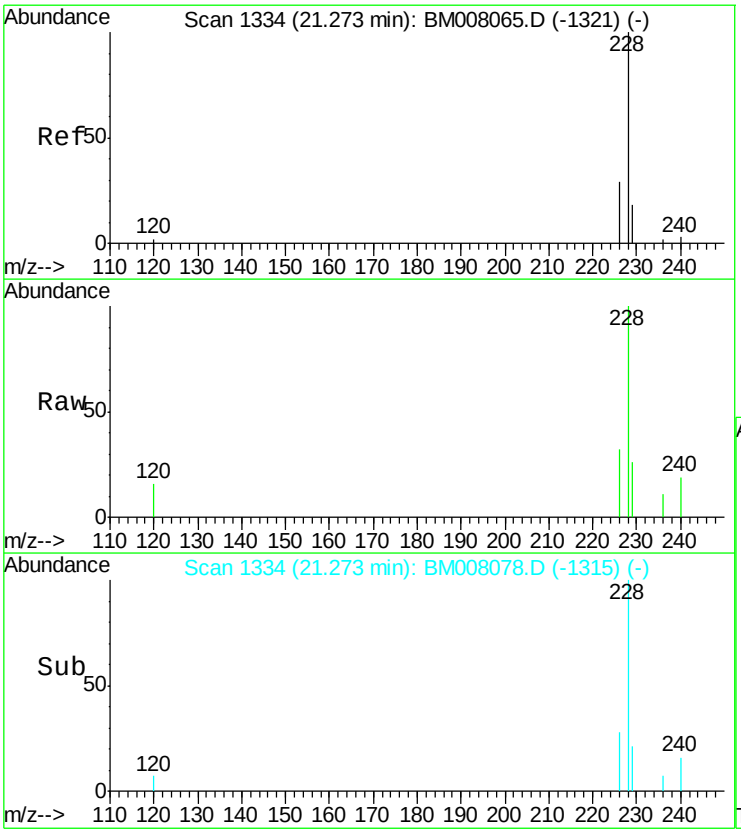
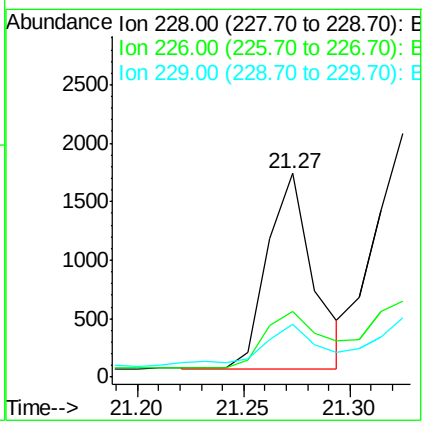
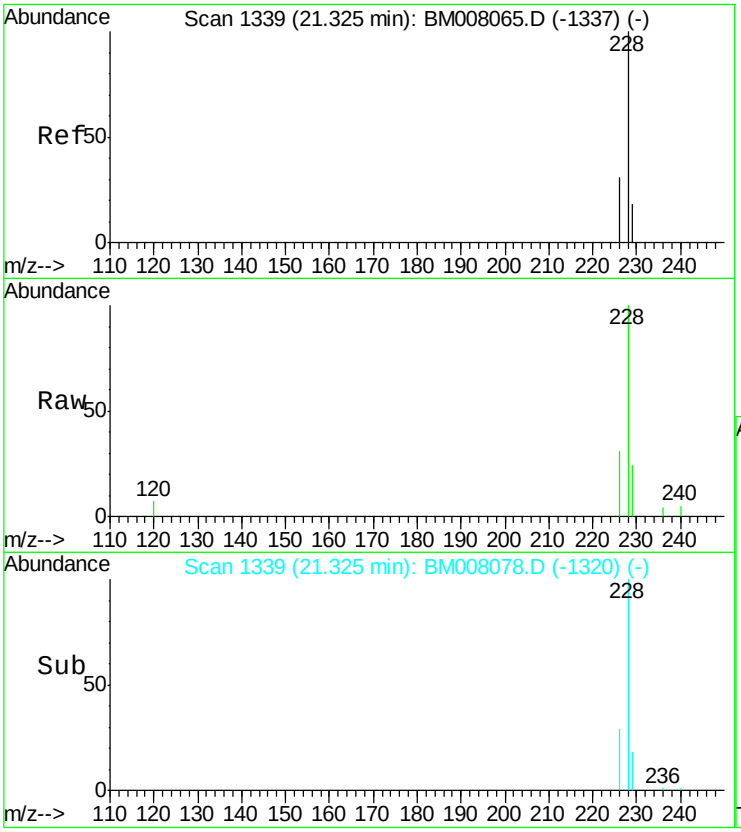


#18
Benzo(a)anthracene
Concen: 0.30 ng/ul m
RT: 21.27 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BM008078.D
Acq: 24 Nov 2016 17:27

Tgt Ion:228 Resp: 2536

Ion	Ratio	Lower	Upper
228	100		
226	32.2	22.8	34.2
229	26.2	17.0	25.6#

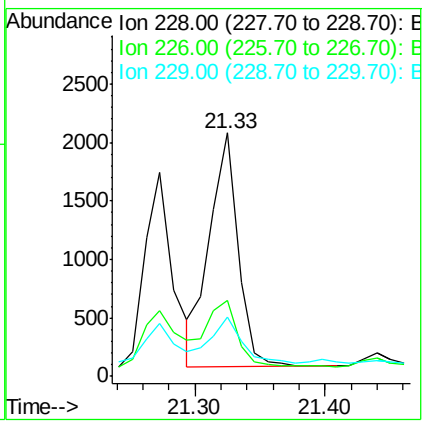




#19
Chrysene
Concen: 0.30 ng/ul
RT: 21.33 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BM008078.D
Acq: 24 Nov 2016 17:27

Tgt Ion:228 Resp: 3053

Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.4	35.0
229	24.2	17.7	26.5



Instrument :
BNA_M
ClientSampleId :
A4WE8

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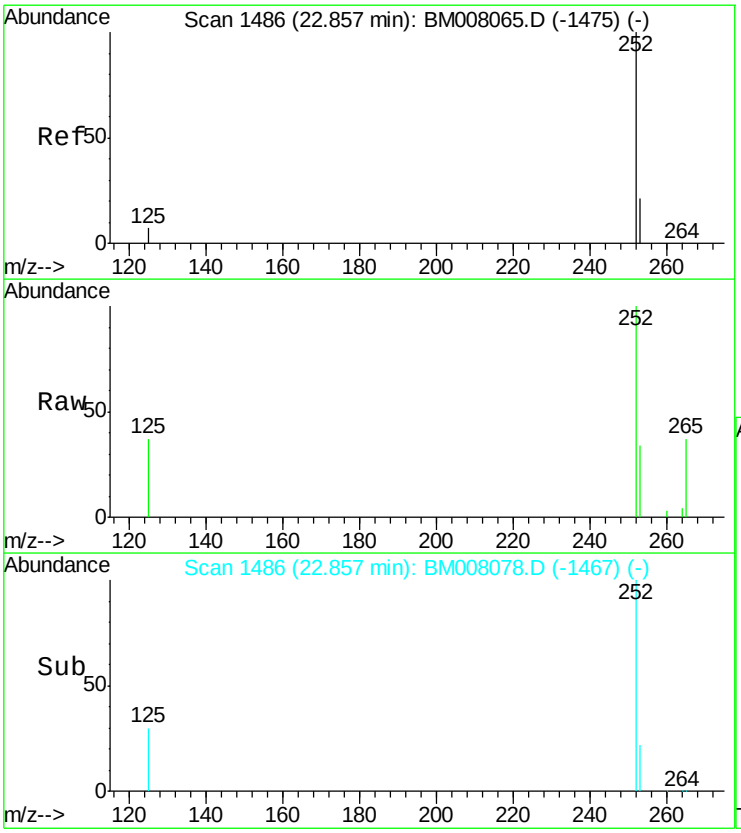
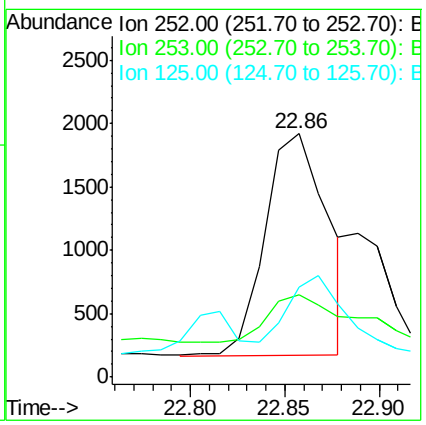
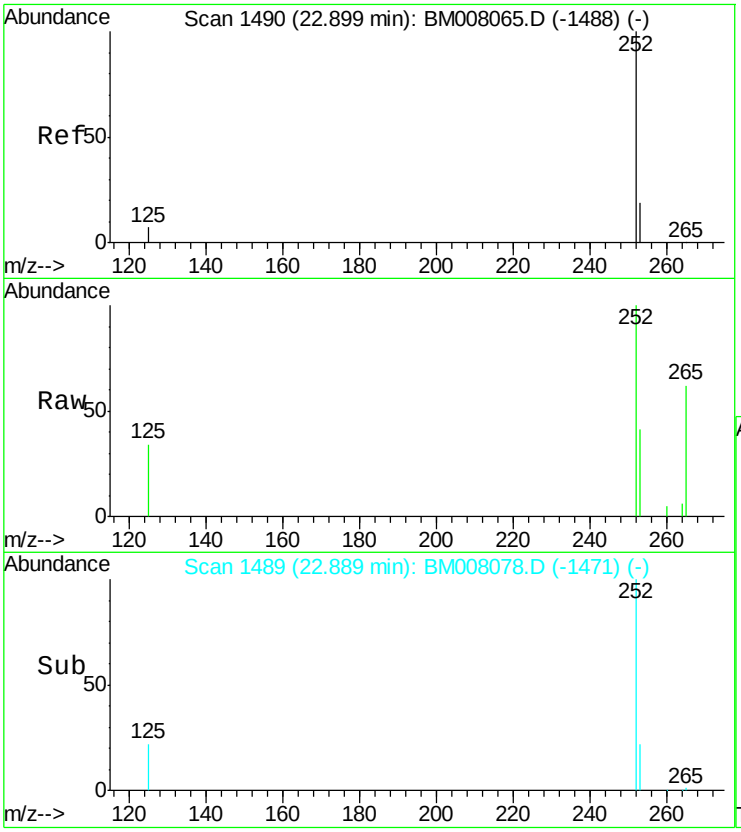


#21
Benzo(b)fluoranthene
Concen: 0.46 ng/ul m
RT: 22.86 min Scan# 1486
Delta R.T. 0.00 min
Lab File: BM008078.D
Acq: 24 Nov 2016 17:27

Tgt Ion:252 Resp: 4029

Ion	Ratio	Lower	Upper
252	100		
253	33.7	0.0	64.2
125	36.7	0.0	35.0#





#22
Benzo(k)fluoranthene
Concen: 0.18 ng/ul m
RT: 22.89 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BM008078.D
Acq: 24 Nov 2016 17:27

Tgt Ion:252 Resp: 1588

Ion	Ratio	Lower	Upper
252	100		
253	41.2	24.5	36.7#
125	34.3	13.7	20.5#

Instrument :
BNA_M
ClientSampleId :
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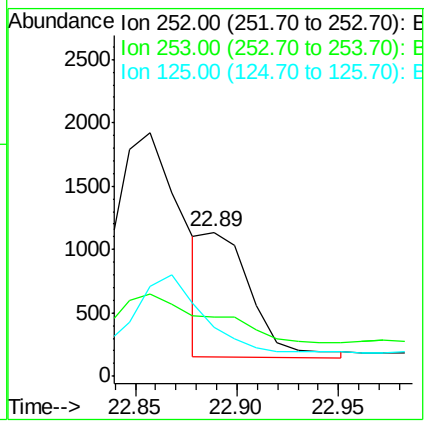
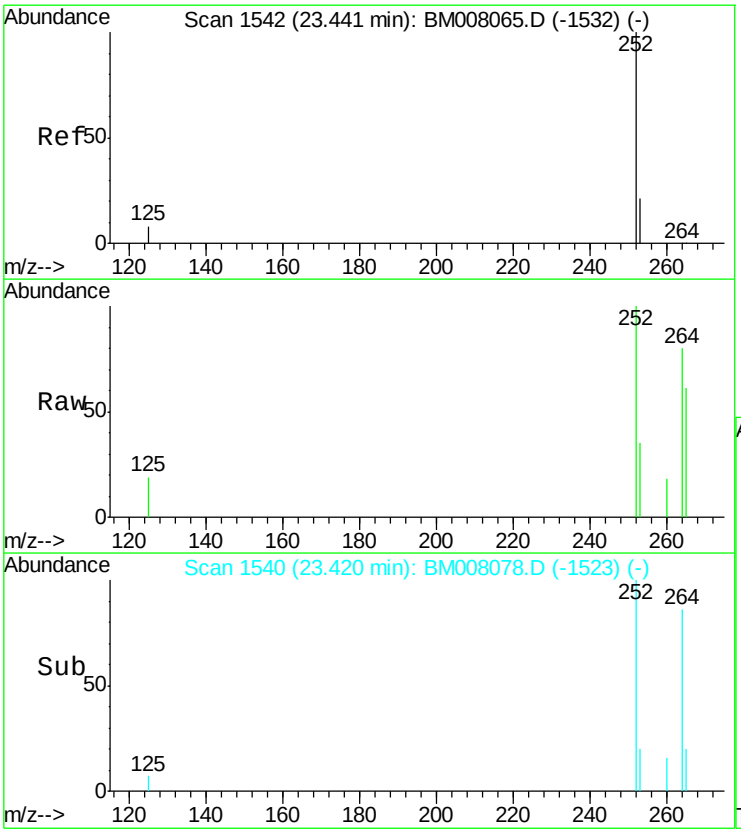
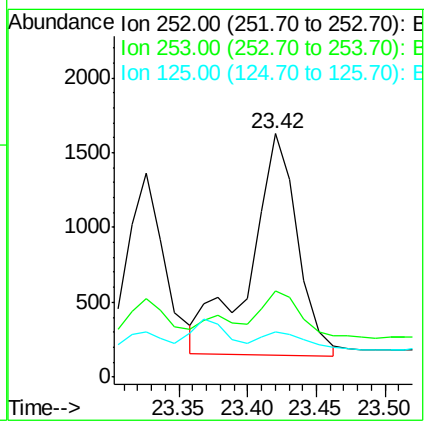


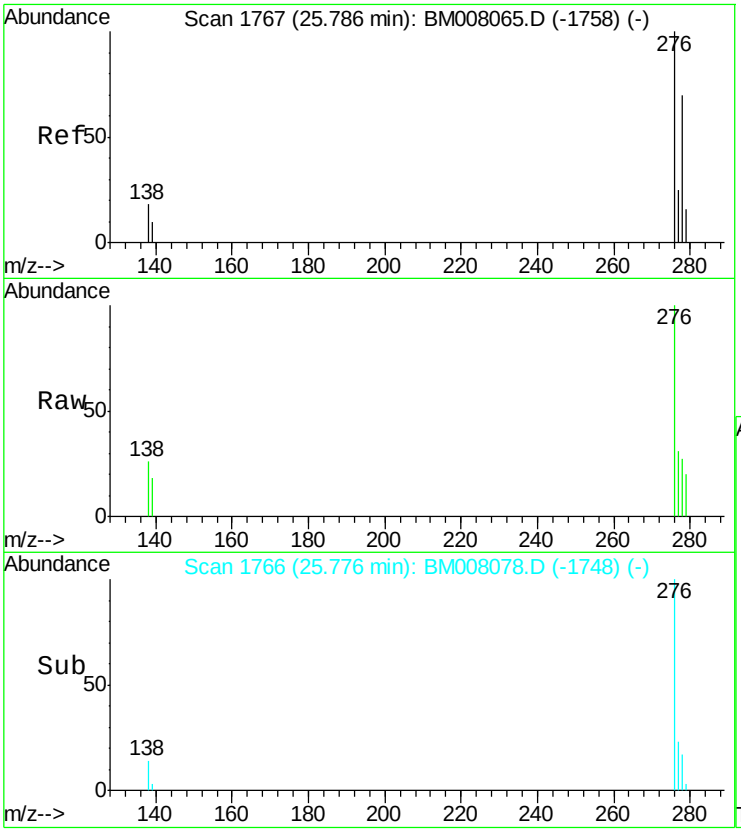


#23
Benzo(a)pyrene
Concen: 0.44 ng/ul m
RT: 23.42 min Scan# 1540
Delta R.T. -0.02 min
Lab File: BM008078.D
Acq: 24 Nov 2016 17:27

Tgt Ion:252 Resp: 3592

Ion	Ratio	Lower	Upper
252	100		
253	35.2	28.5	42.7
125	18.7	18.1	27.1





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.21 ng/ul m
RT: 25.78 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BM008078.D
Acq: 24 Nov 2016 17:27

Tgt Ion:276 Resp: 2098

Ion	Ratio	Lower	Upper
276	100		
138	0.0	19.1	28.7#
277	53.9	19.6	29.4#

Instrument :
BNA_M
ClientSampleId :
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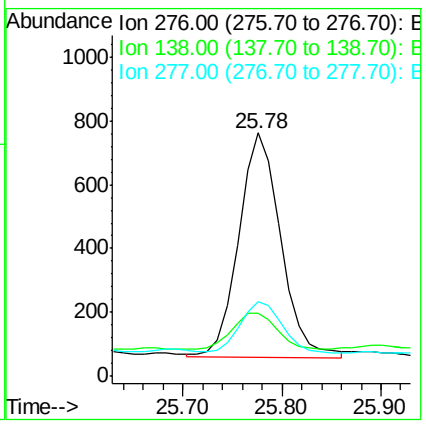
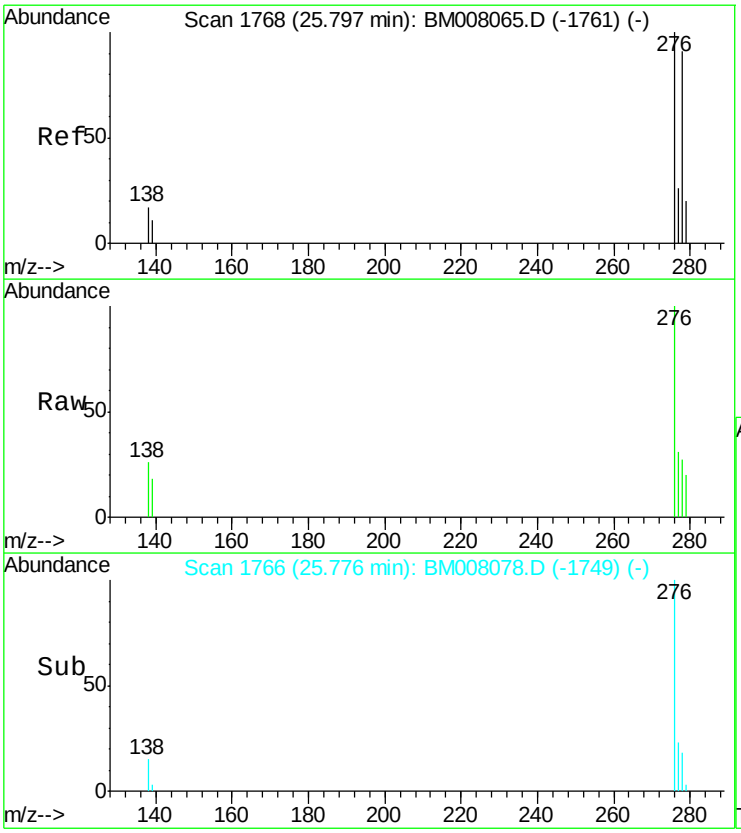
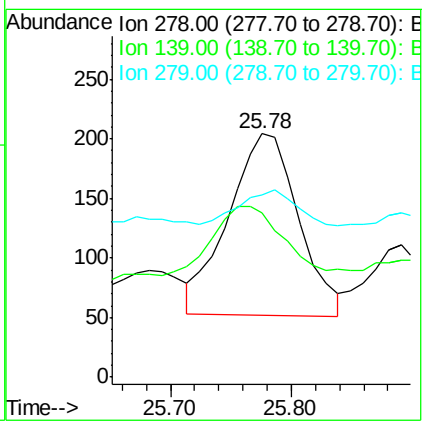


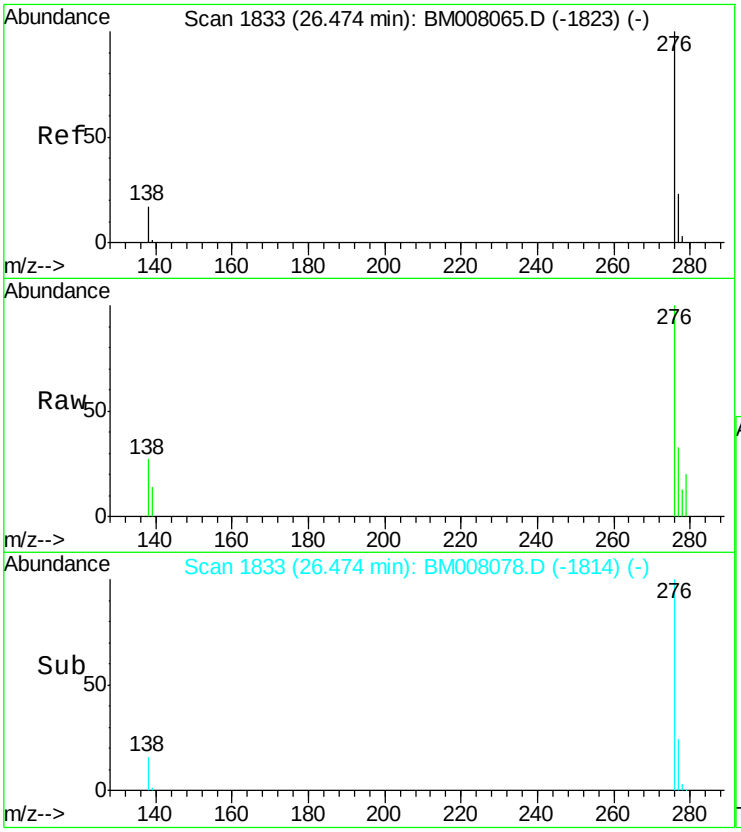


#25
Dibenzo(a,h)anthracene
Concen: 0.08 ng/ul m
RT: 25.78 min Scan# 1766
Delta R.T. -0.02 min
Lab File: BM008078.D
Acq: 24 Nov 2016 17:27

Tgt Ion:278 Resp: 612

Ion	Ratio	Lower	Upper
278	100		
139	67.6	17.4	26.0#
279	75.0	25.9	38.9#

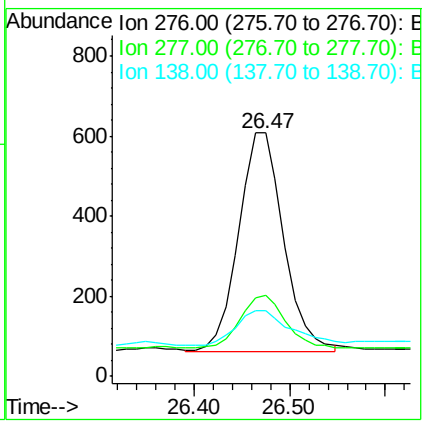




#26
Benzo(g,h,i)perylene
Concen: 0.20 ng/ul m
RT: 26.47 min Scan# 1833
Delta R.T. 0.00 min
Lab File: BM008078.D
Acq: 24 Nov 2016 17:27

Tgt Ion:276 Resp: 1783

Ion	Ratio	Lower	Upper
276	100		
277	33.1	21.8	32.8#
138	27.1	20.5	30.7



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