Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112316\
Data File : BM008060.D
Acq On : 24 Nov 2016 06:45
Operator : UM/SJ
Sample : H5701-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4WF4

Manual Integrations APPROVED
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Quant Time: Nov 28 02:05:38 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 24 04:11:15 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	814	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.49	136	2872	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.35	164	1724	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	3448m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.29	240	3196	0.40	ng/ul	-0.01
20) Perylene-d12	23.52	264	2470m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.09	152	1145	0.28	ng/ul	-0.03
14) Fluoranthene-d10	19.13	212	2554	0.26	ng/ul	-0.01
Target Compounds						Qvalue
7) Acenaphthylene	14.06	152	458	0.06	ng/ul#	76
8) Acenaphthene	14.40	153	151	0.03	ng/ul#	89
9) Fluorene	15.39	166	191	0.03	ng/ul#	72
12) Phenanthrene	17.12	178	5248	0.49	ng/ul	97
15) Fluoranthene	19.16	202	6427	0.46	ng/ul	96
17) Pyrene	19.52	202	9105	0.82	ng/ul	98
18) Benzo(a)anthracene	21.27	228	2244	0.23	ng/ul	92
19) Chrysene	21.33	228	3304	0.27	ng/ul	94
21) Benzo(b)fluoranthene	22.86	252	3642m	0.37	ng/ul	
22) Benzo(k)fluoranthene	22.88	252	1374m	0.14	ng/ul	
23) Benzo(a)pyrene	23.42	252	2350m	0.25	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.78	276	1780m	0.16	ng/ul	
26) Benzo(g,h,i)perylene	26.47	276	1549m	0.15	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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Manual Integrations APPROVED
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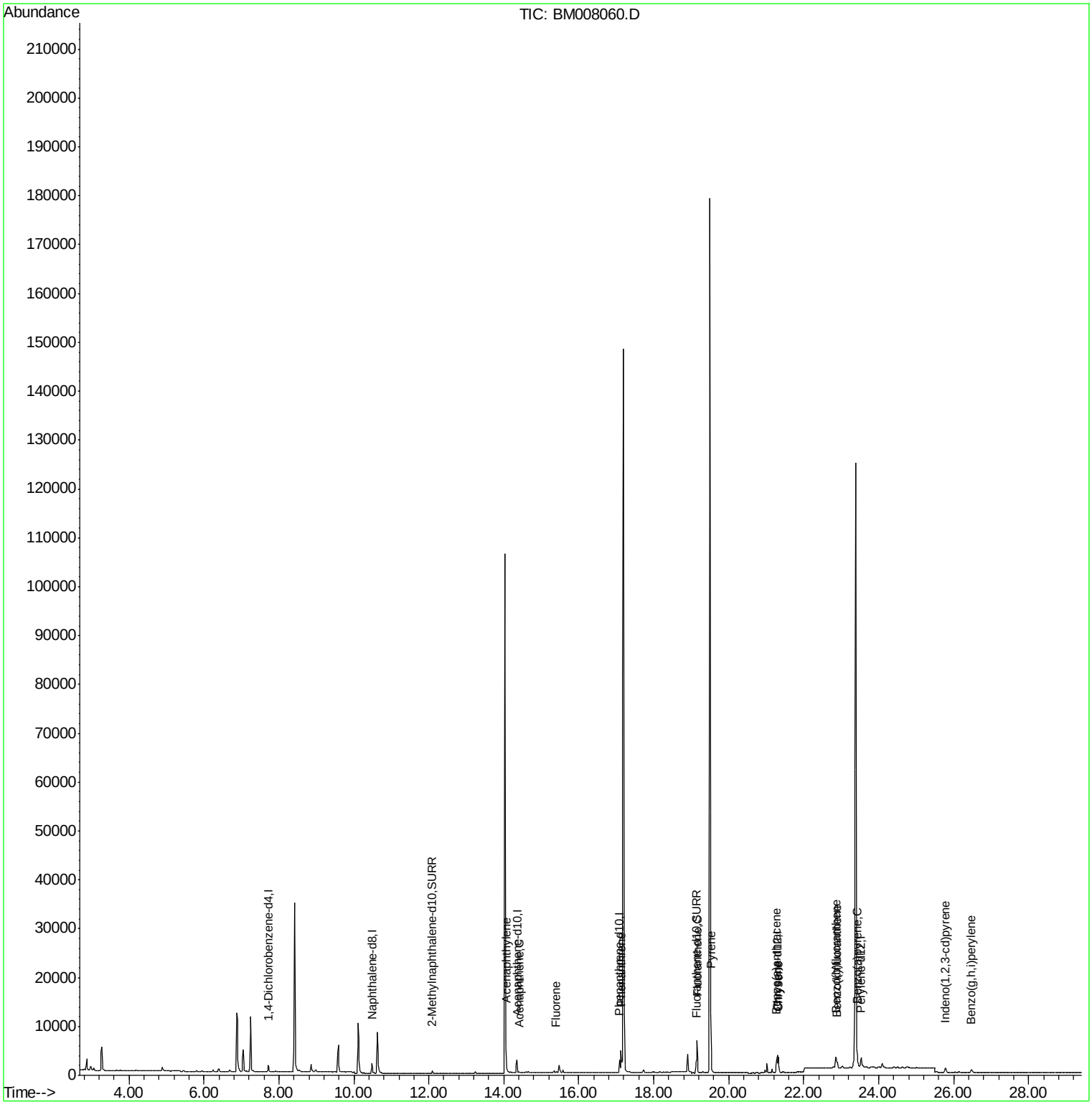
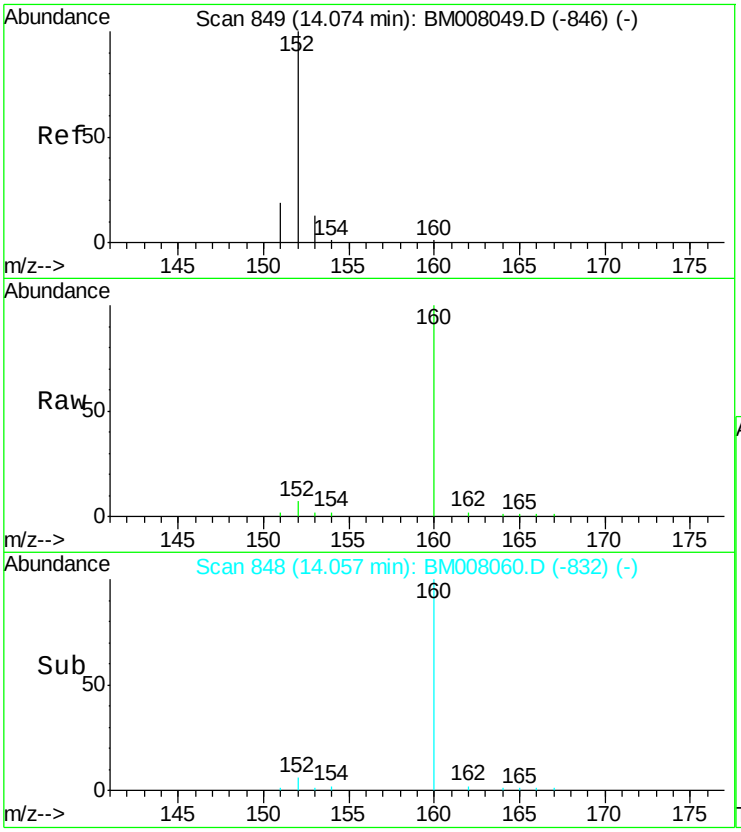
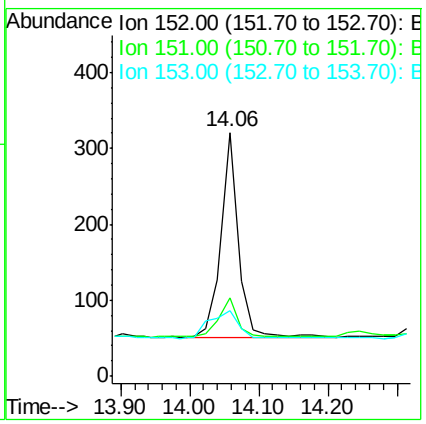




#7
Acenaphthylene
Concen: 0.06 ng/ul
RT: 14.06 min Scan# 848
Delta R.T. -0.02 min
Lab File: BM008060.D
Acq: 24 Nov 2016 06:45

Tgt Ion:152 Resp: 458

Ion	Ratio	Lower	Upper
152	100		
151	32.1	17.1	25.7#
153	26.8	12.8	19.2#



Instrument :
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ClientSampleId :
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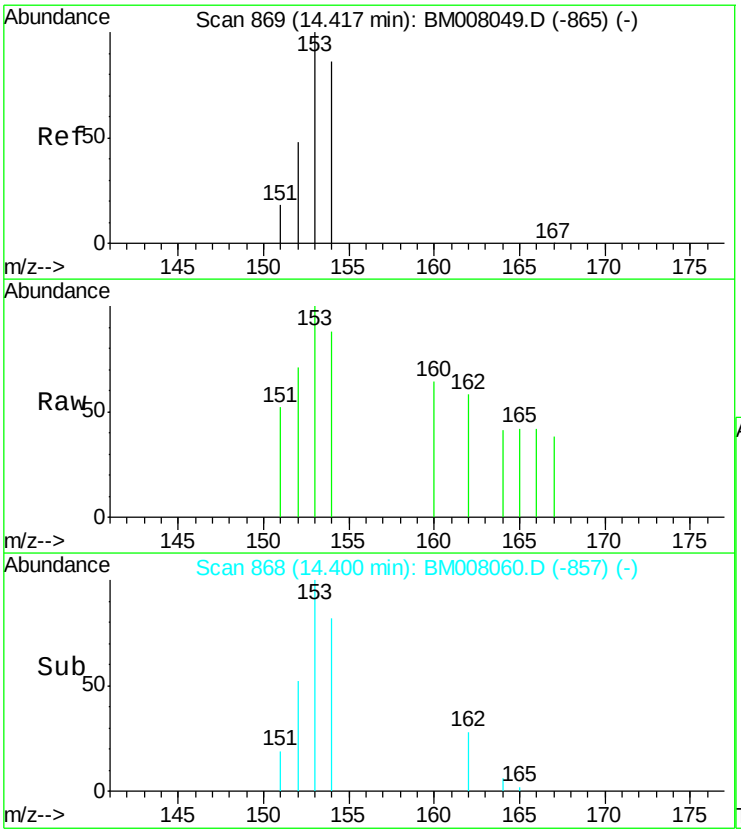
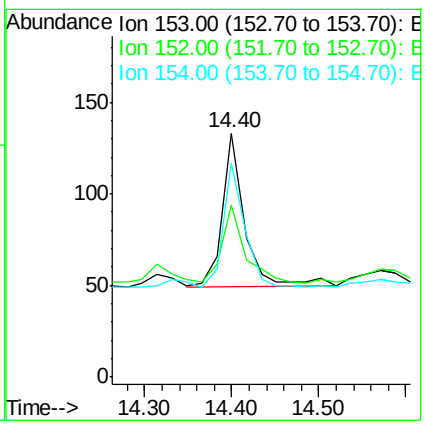
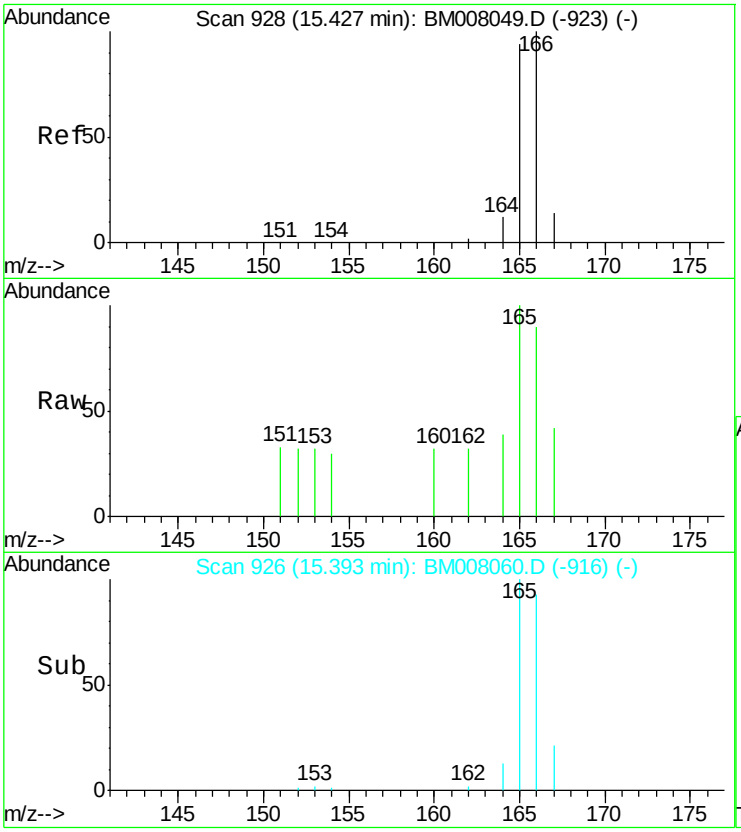


#8
Acenaphthene
Concen: 0.03 ng/ul
RT: 14.40 min Scan# 868
Delta R.T. -0.02 min
Lab File: BM008060.D
Acq: 24 Nov 2016 06:45

Tgt Ion:153 Resp: 151

Ion	Ratio	Lower	Upper
153	100		
152	70.7	40.3	60.5#
154	88.0	71.4	107.2

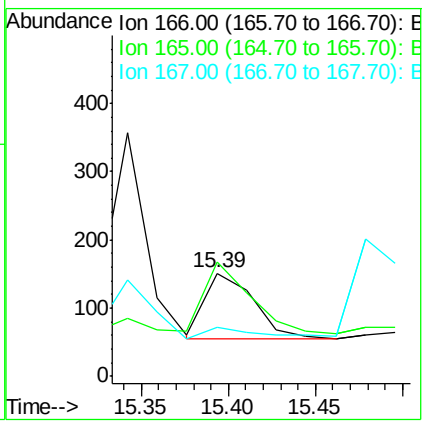




#9
Fluorene
Concen: 0.03 ng/ul
RT: 15.39 min Scan# 926
Delta R.T. -0.03 min
Lab File: BM008060.D
Acq: 24 Nov 2016 06:45

Tgt Ion:166 Resp: 191

Ion	Ratio	Lower	Upper
166	100		
165	111.3	73.4	110.2#
167	47.0	14.6	22.0#



Instrument :
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ClientSampleId :
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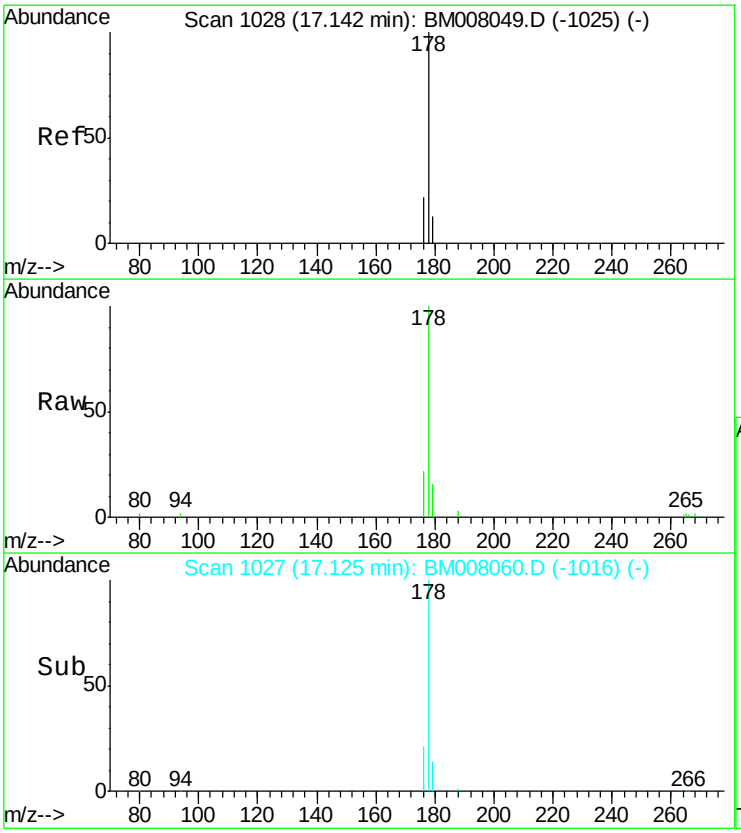
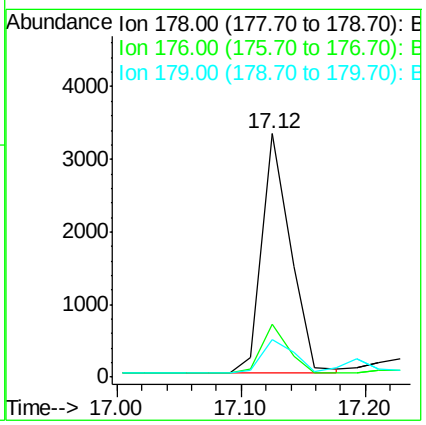
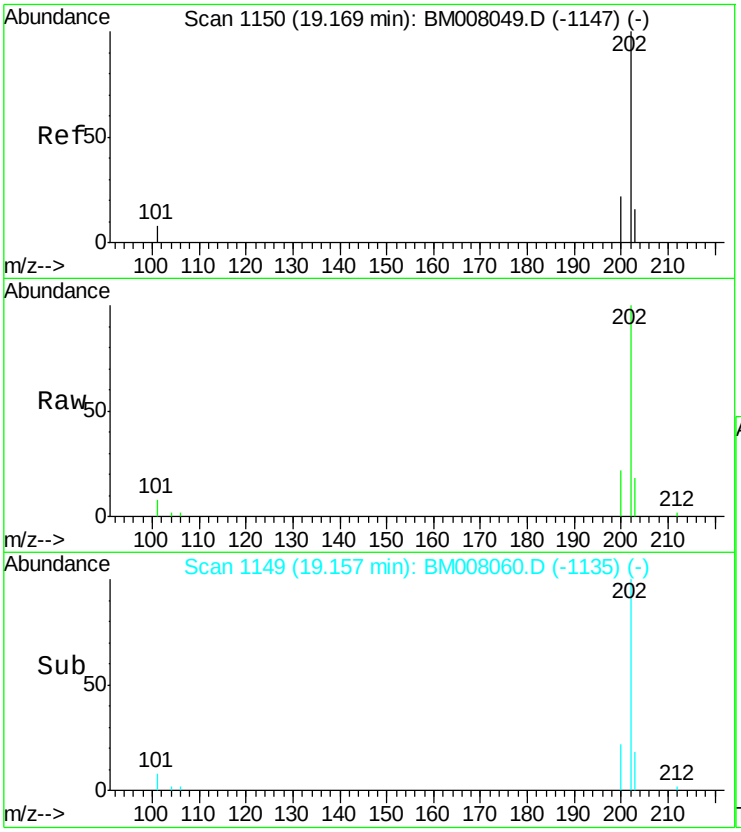


#12
Phenanthrene
Concen: 0.49 ng/ul
RT: 17.12 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BM008060.D
Acq: 24 Nov 2016 06:45

Tgt Ion:178 Resp: 5248

Ion	Ratio	Lower	Upper
178	100		
176	22.0	18.4	27.6
179	15.6	13.6	20.4

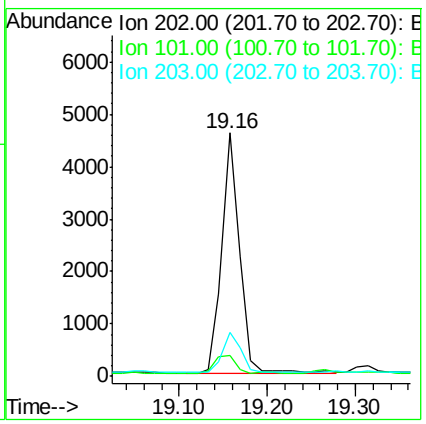




#15
Fluoranthene
Concen: 0.46 ng/ul
RT: 19.16 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BM008060.D
Acq: 24 Nov 2016 06:45

Tgt Ion:202 Resp: 6427

Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	30.3
203	18.2	0.0	39.5



Instrument :
BNA_M
ClientSampleId :
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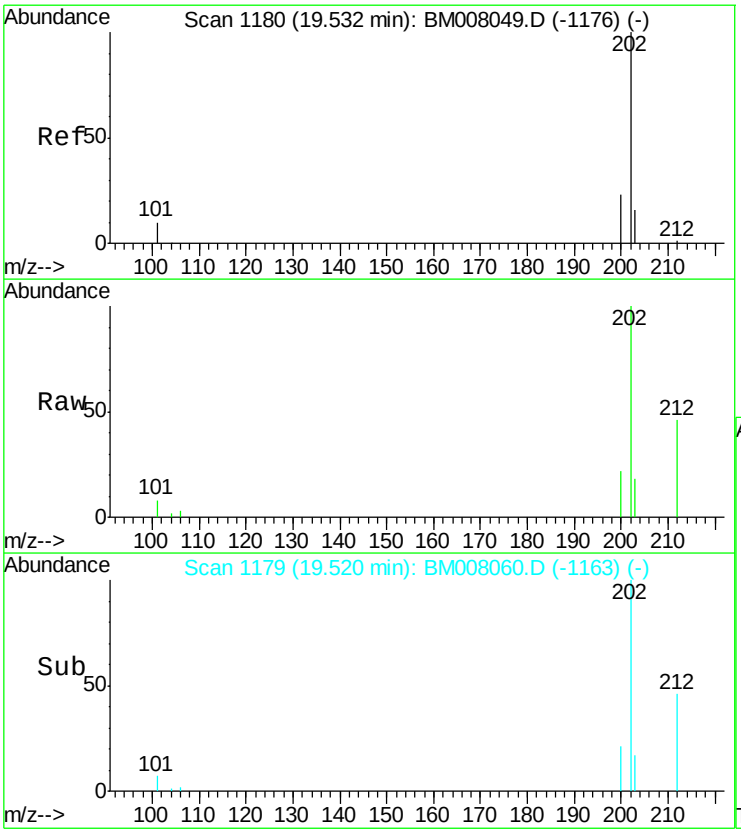
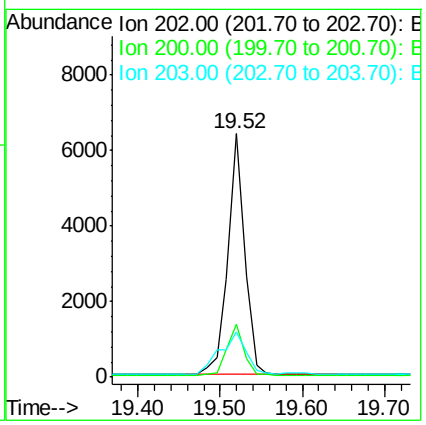
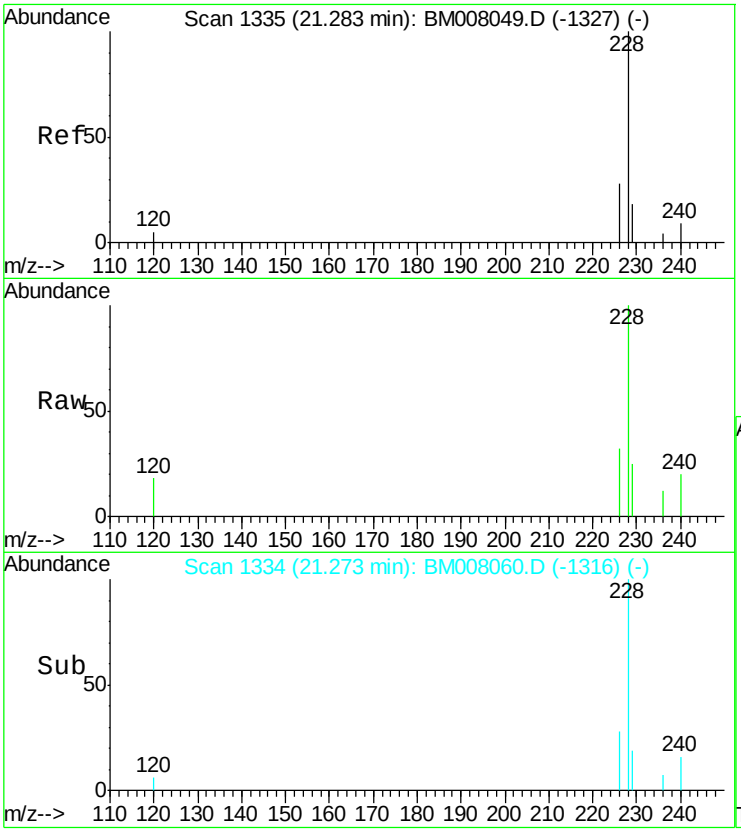


#17
Pyrene
Concen: 0.82 ng/ul
RT: 19.52 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BM008060.D
Acq: 24 Nov 2016 06:45

Tgt Ion:202 Resp: 9105

Ion	Ratio	Lower	Upper
202	100		
200	21.7	18.2	27.4
203	18.3	15.6	23.4

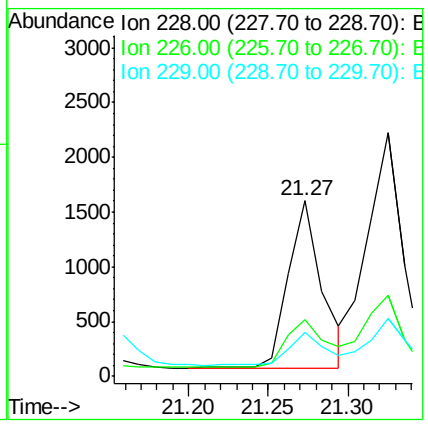




#18
Benzo(a)anthracene
Concen: 0.23 ng/ul
RT: 21.27 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BM008060.D
Acq: 24 Nov 2016 06:45

Tgt Ion:228 Resp: 2244

Ion	Ratio	Lower	Upper
228	100		
226	32.4	22.8	34.2
229	25.1	17.0	25.6



Instrument :
BNA_M
ClientSampleId :
A4WF4

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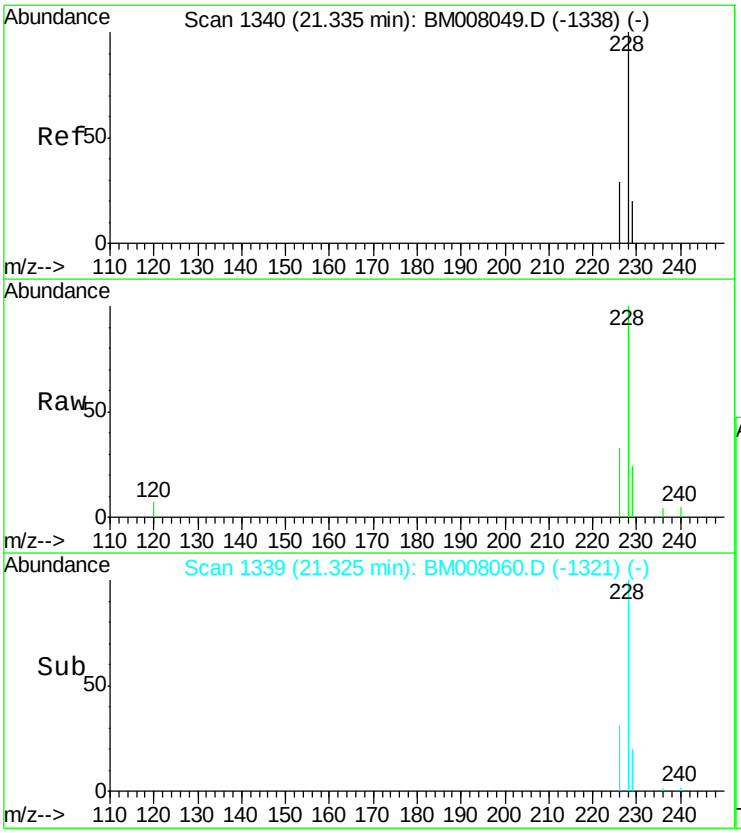
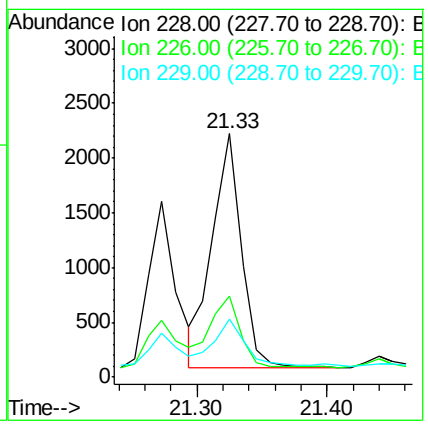
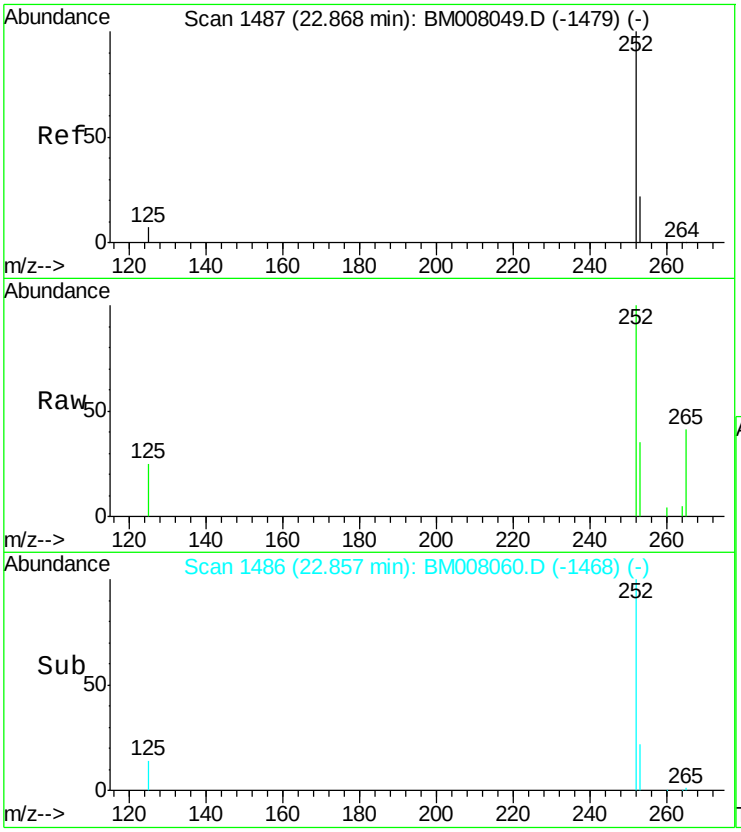


#19
Chrysene
Concen: 0.27 ng/ul
RT: 21.33 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BM008060.D
Acq: 24 Nov 2016 06:45

Tgt Ion:228 Resp: 3304

Ion	Ratio	Lower	Upper
228	100		
226	33.0	23.4	35.0
229	23.8	17.7	26.5

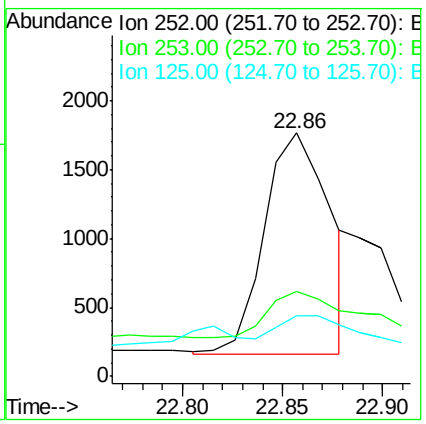




#21
Benzo(b)fluoranthene
Concen: 0.37 ng/ul m
RT: 22.86 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BM008060.D
Acq: 24 Nov 2016 06:45

Tgt Ion:252 Resp: 3642

Ion	Ratio	Lower	Upper
252	100		
253	35.0	0.0	64.2
125	25.0	0.0	35.0



Instrument :
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ClientSampleId :
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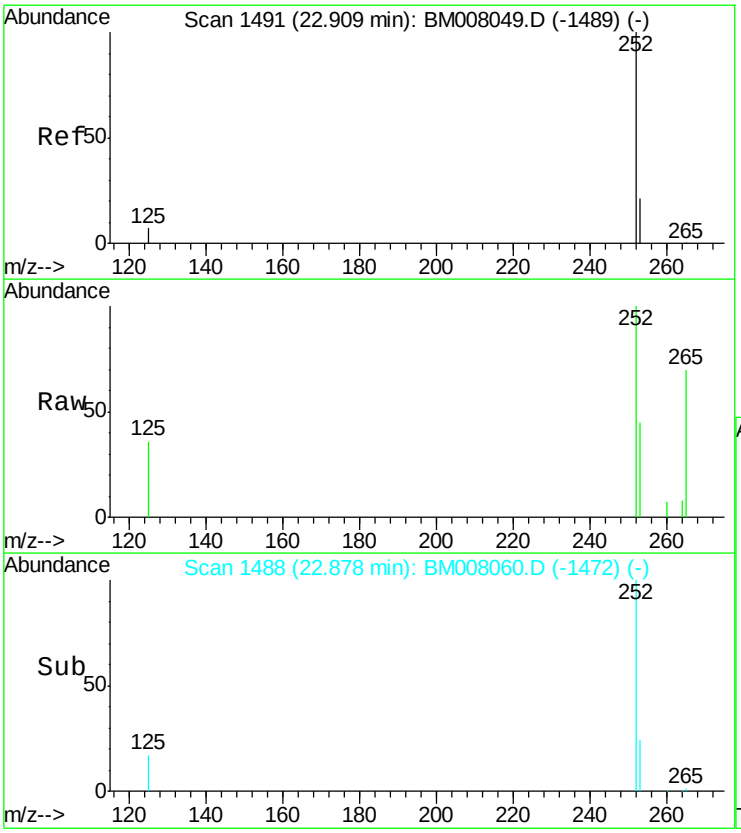
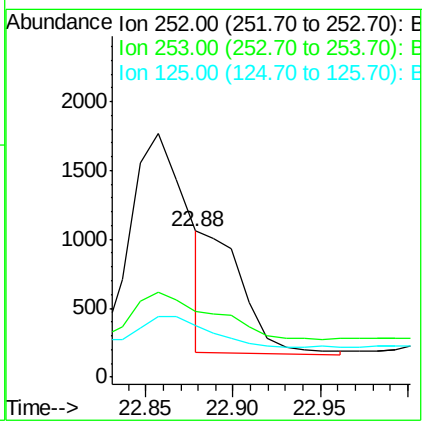
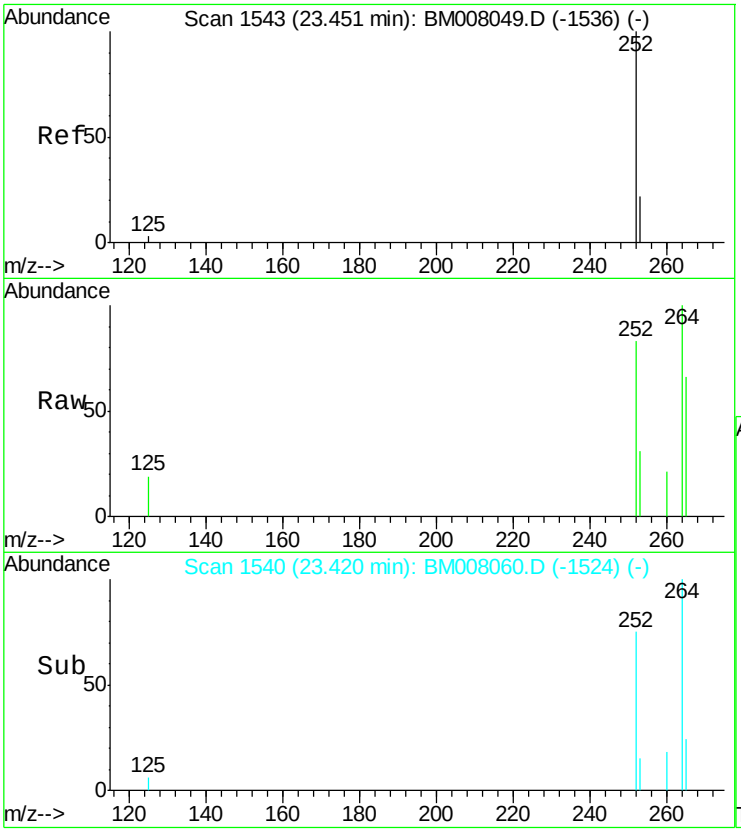


#22
Benzo(k)fluoranthene
Concen: 0.14 ng/ul m
RT: 22.88 min Scan# 1488
Delta R.T. -0.03 min
Lab File: BM008060.D
Acq: 24 Nov 2016 06:45

Tgt Ion:252 Resp: 1374

Ion	Ratio	Lower	Upper
252	100		
253	45.0	24.5	36.7#
125	35.5	13.7	20.5#

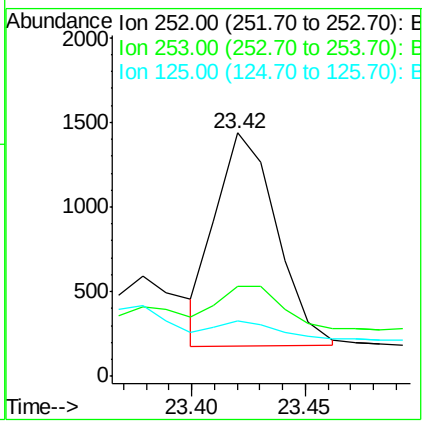




#23
Benzo(a)pyrene
Concen: 0.25 ng/ul m
RT: 23.42 min Scan# 1540
Delta R.T. -0.03 min
Lab File: BM008060.D
Acq: 24 Nov 2016 06:45

Tgt Ion:252 Resp: 2350

Ion	Ratio	Lower	Upper
252	100		
253	37.1	28.5	42.7
125	22.5	18.1	27.1



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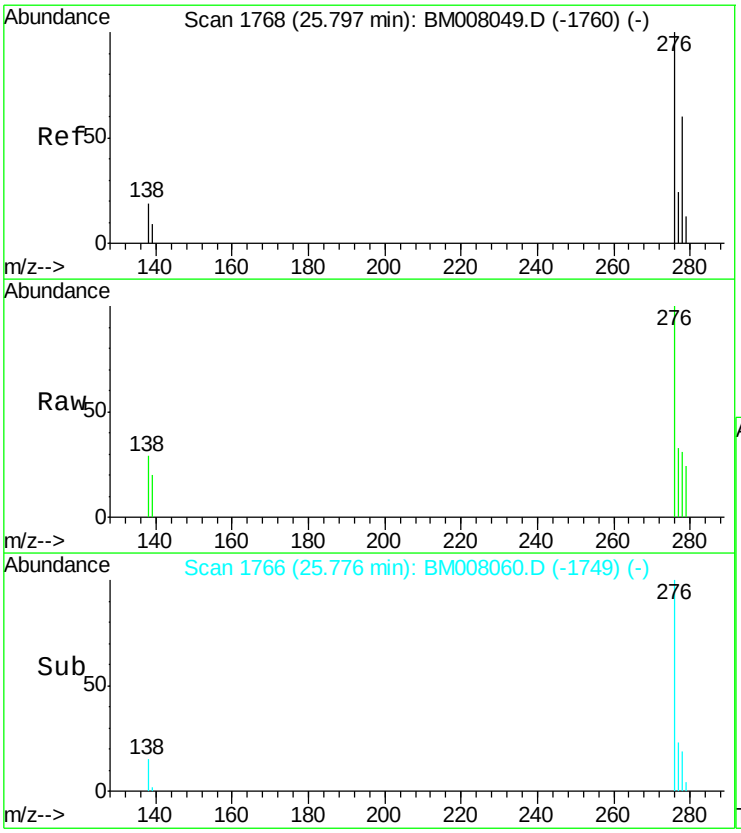
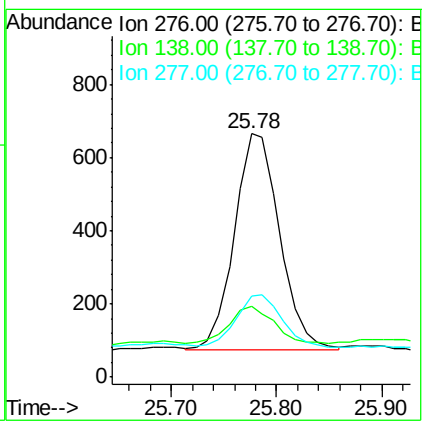
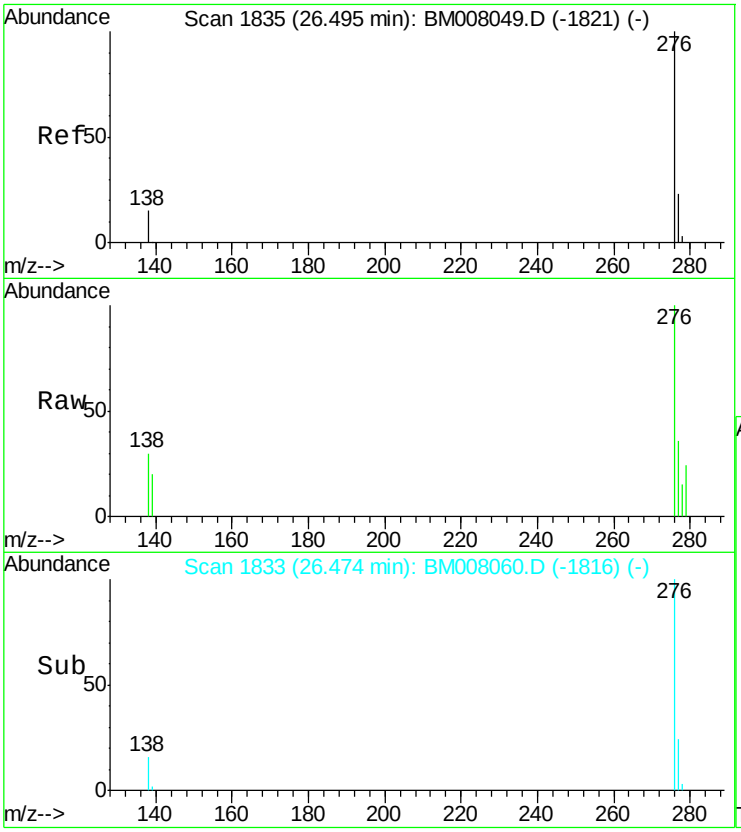


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.16 ng/ul m
RT: 25.78 min Scan# 1766
Delta R.T. -0.02 min
Lab File: BM008060.D
Acq: 24 Nov 2016 06:45

Tgt Ion:276 Resp: 1780

Ion	Ratio	Lower	Upper
276	100		
138	76.2	19.1	28.7#
277	70.9	19.6	29.4#

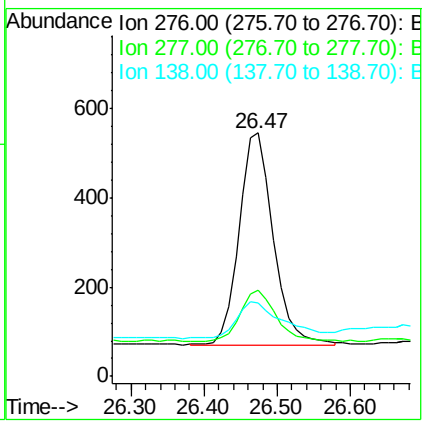




#26
Benzo(g,h,i)perylene
Concen: 0.15 ng/ul m
RT: 26.47 min Scan# 1833
Delta R.T. -0.02 min
Lab File: BM008060.D
Acq: 24 Nov 2016 06:45

Tgt Ion:276 Resp: 1549

Ion	Ratio	Lower	Upper
276	100		
277	35.6	21.8	32.8#
138	30.3	20.5	30.7



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