Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122216\
Data File : BM008576.D
Acq On : 23 Dec 2016 03:28
Operator : UM/SJ
Sample : H5970-22DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA861DL

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Quant Time: Dec 23 11:28:42 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 23 05:50:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	398	0.40	ng/ul	-0.06
2) Naphthalene-d8	10.42	136	1346	0.40	ng/ul	-0.07
6) Acenaphthene-d10	14.28	164	1201m	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.04	188	4844m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.25	240	1925m	0.40	ng/ul	-0.02
20) Perylene-d12	23.47	264	1510m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	143m	0.07	ng/ul	-0.08
14) Fluoranthene-d10	19.12	212	1273m	0.10	ng/ul	0.01
Target Compounds						Qvalue
3) Naphthalene	10.46	128	4293	1.13	ng/ul#	92
5) 2-Methylnaphthalene	12.08	142	10992	4.31	ng/ul	99
8) Acenaphthene	14.35	153	6101m	1.49	ng/ul	
9) Fluorene	15.34	166	12886m	2.76	ng/ul	
12) Phenanthrene	17.07	178	31612m	2.14	ng/ul	
15) Fluoranthene	19.11	202	10903m	0.60	ng/ul	
17) Pyrene	19.47	202	21681m	2.91	ng/ul	
18) Benzo(a)anthracene	21.23	228	3497m	0.55	ng/ul	
19) Chrysene	21.28	228	5098m	0.74	ng/ul	
21) Benzo(b)fluoranthene	22.81	252	3556m	0.60	ng/ul	
22) Benzo(k)fluoranthene	22.84	252	658m	0.11	ng/ul	
23) Benzo(a)pyrene	23.37	252	2904m	0.53	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.71	276	1305m	0.20	ng/ul	
26) Benzo(g,h,i)perylene	26.40	276	1419m	0.25	ng/ul	

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

Quantitation Report (QT Reviewed)

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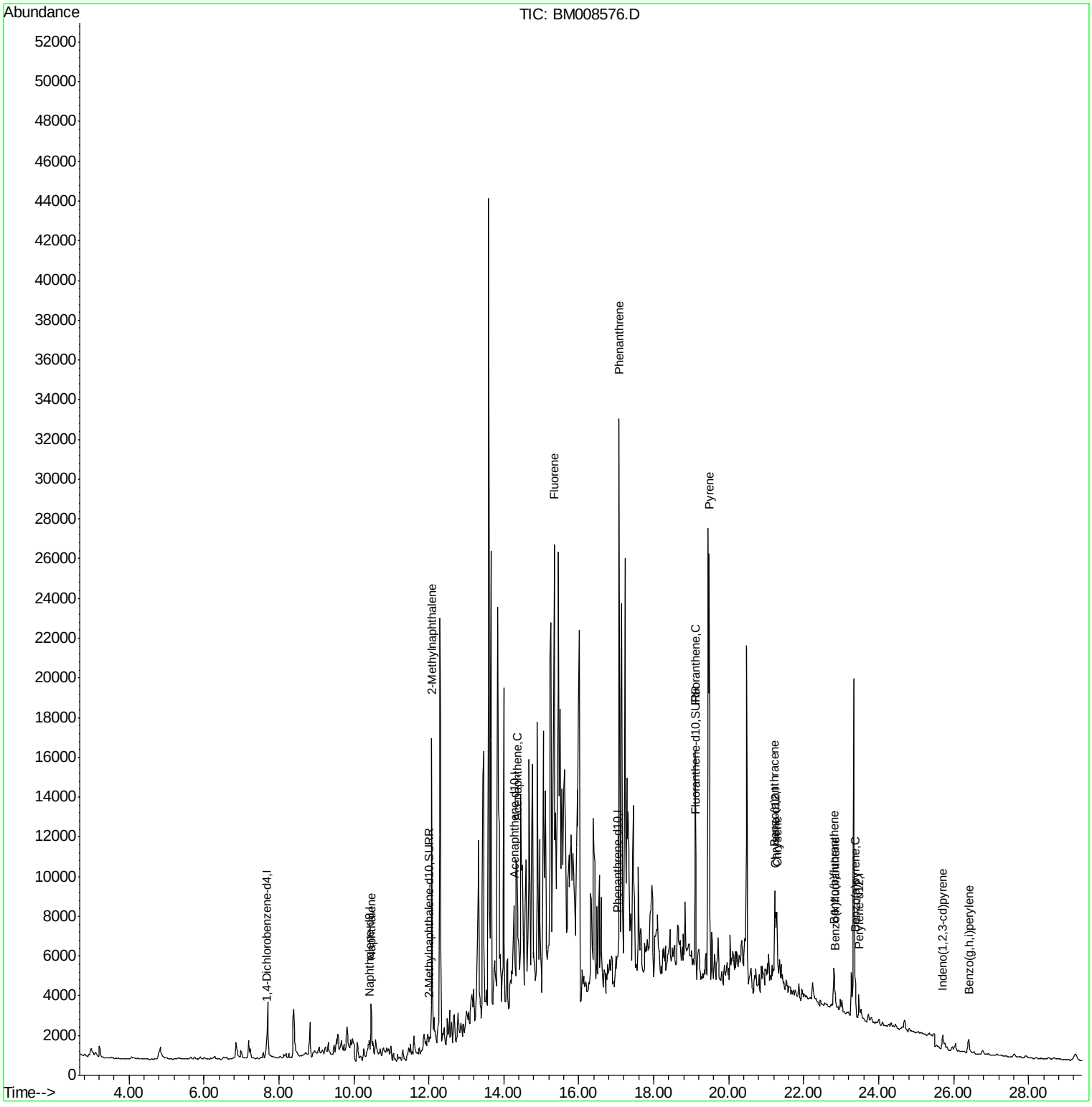
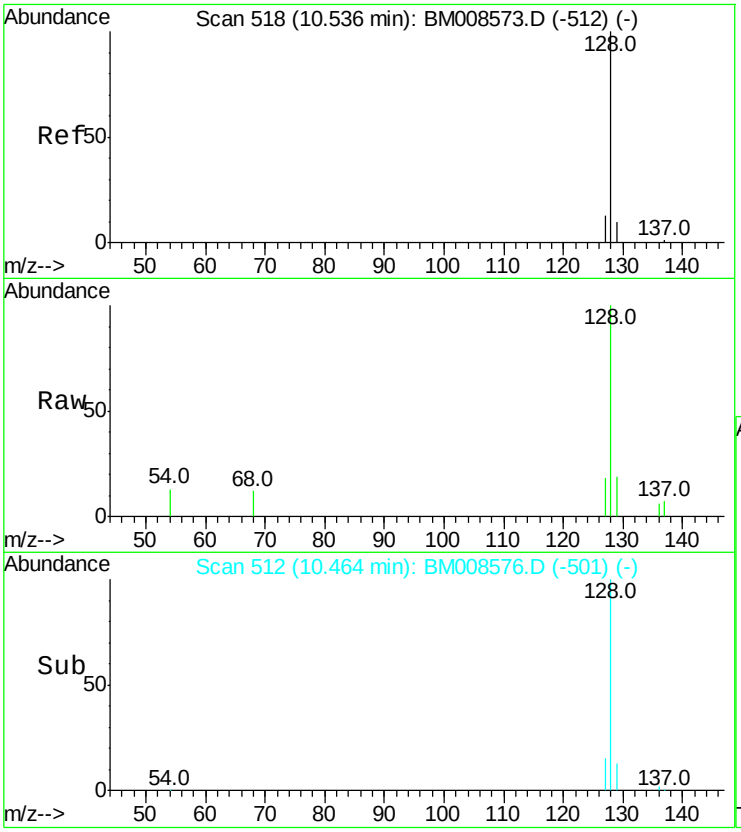
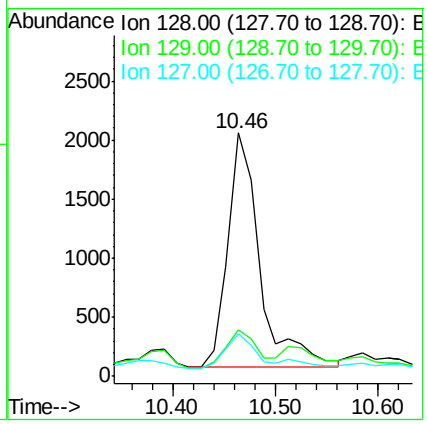




#3
Naphthalene
Concen: 1.13 ng/ul
RT: 10.46 min Scan# 512
Delta R.T. -0.07 min
Lab File: BM008576.D
Acq: 23 Dec 2016 03:28

Tgt Ion:128 Resp: 4293

Ion	Ratio	Lower	Upper
128	100		
129	18.8	11.3	16.9#
127	17.7	12.8	19.2



Instrument :
BNA_M
ClientSampleId :
DA861DL

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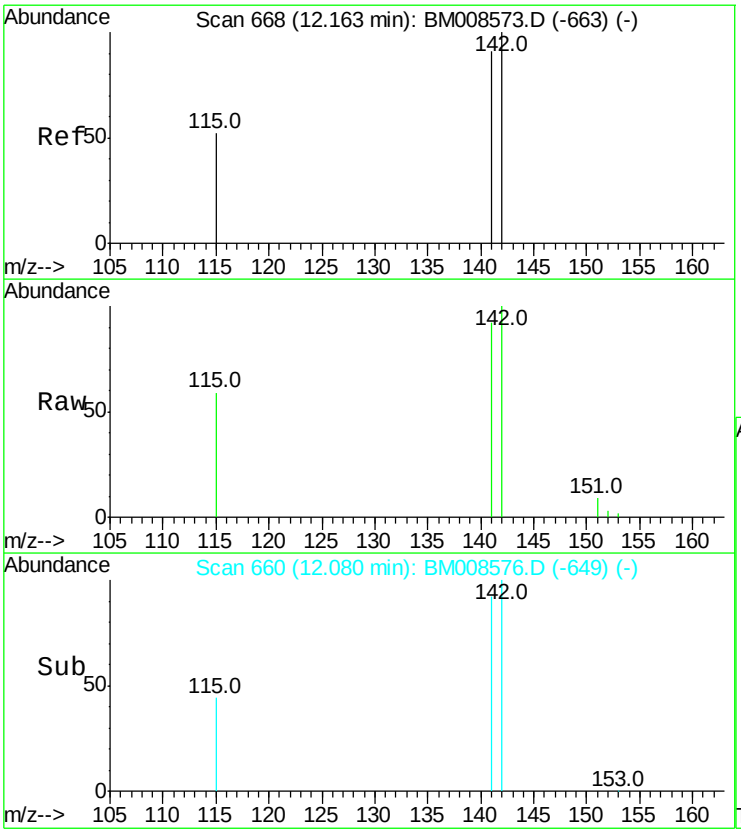
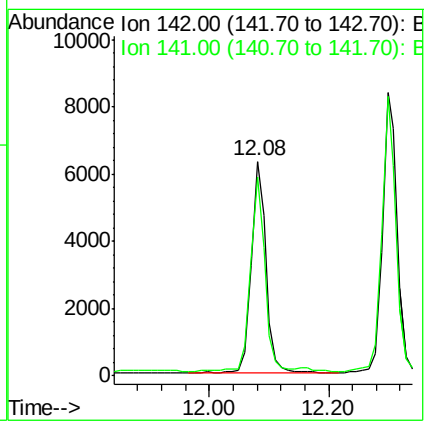
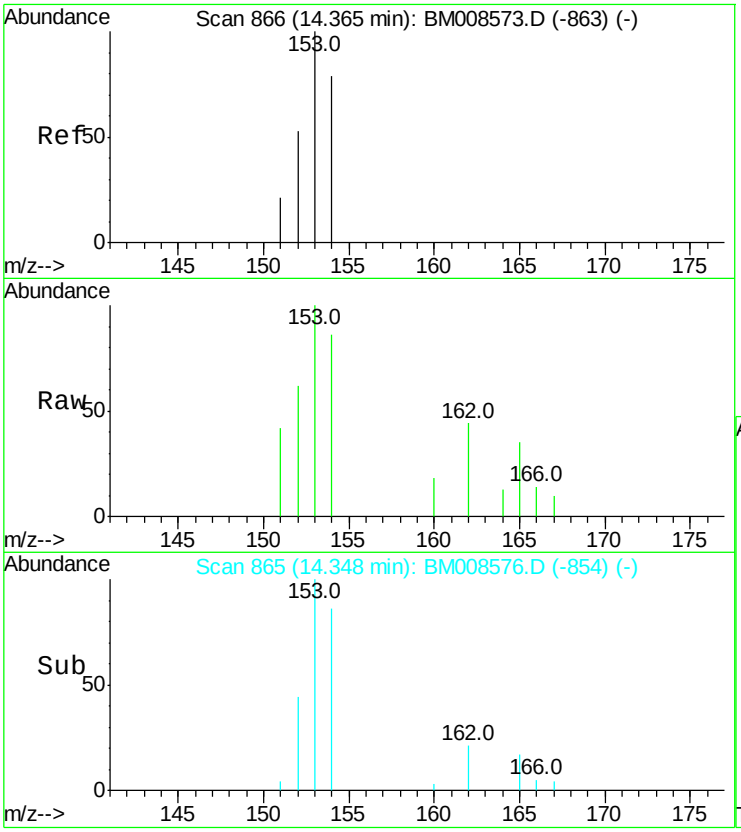


#5
2-Methylnaphthalene
Concen: 4.31 ng/ul
RT: 12.08 min Scan# 660
Delta R.T. -0.08 min
Lab File: BM008576.D
Acq: 23 Dec 2016 03:28

Tgt Ion:142 Resp: 10992

Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.6	108.8

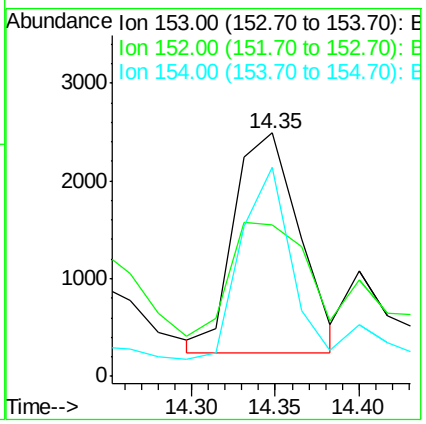




#8
Acenaphthene
Concen: 1.49 ng/ul m
RT: 14.35 min Scan# 865
Delta R.T. -0.02 min
Lab File: BM008576.D
Acq: 23 Dec 2016 03:28

Tgt Ion:153 Resp: 6101

Ion	Ratio	Lower	Upper
153	100		
152	62.3	40.3	60.5#
154	86.0	71.4	107.2



Instrument :
BNA_M
ClientSampleId :
DA861DL

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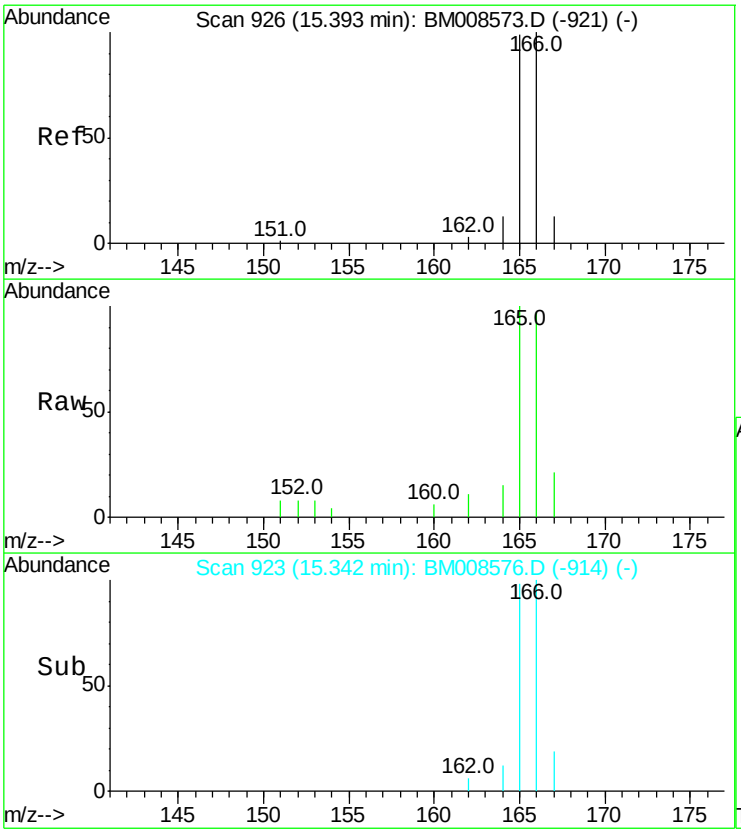
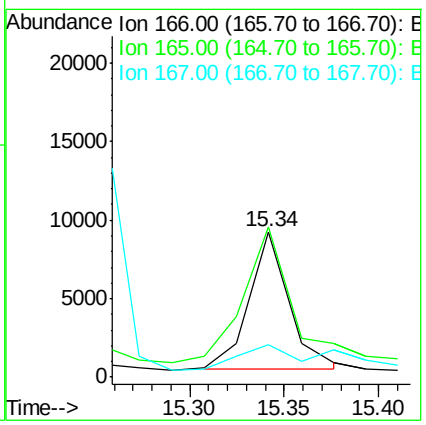
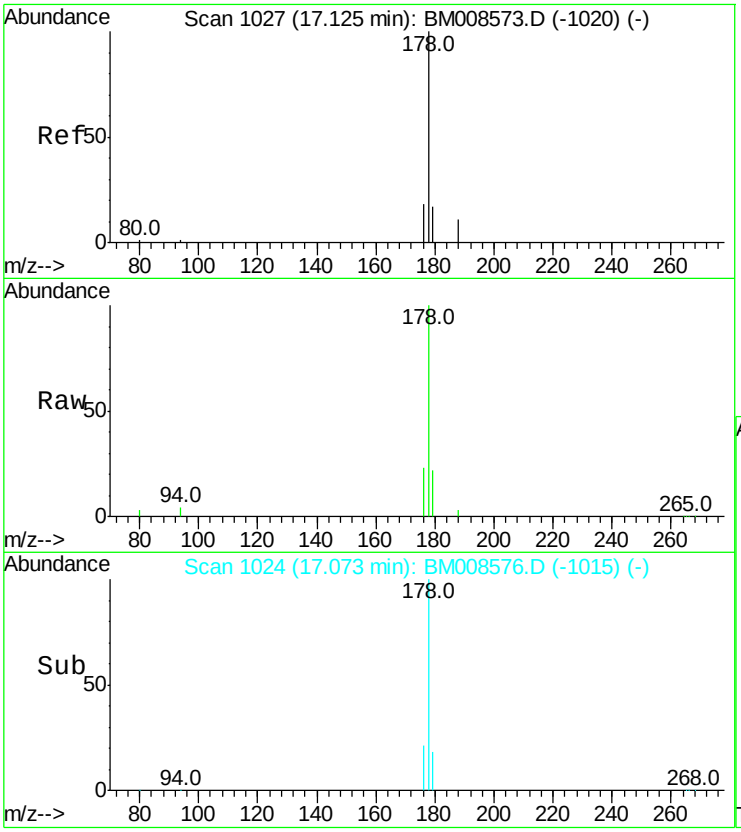


#9
Fluorene
Concen: 2.76 ng/ul m
RT: 15.34 min Scan# 923
Delta R.T. -0.05 min
Lab File: BM008576.D
Acq: 23 Dec 2016 03:28

Tgt Ion:166 Resp: 12886

Ion	Ratio	Lower	Upper
166	100		
165	103.3	73.4	110.2
167	21.9	14.6	22.0

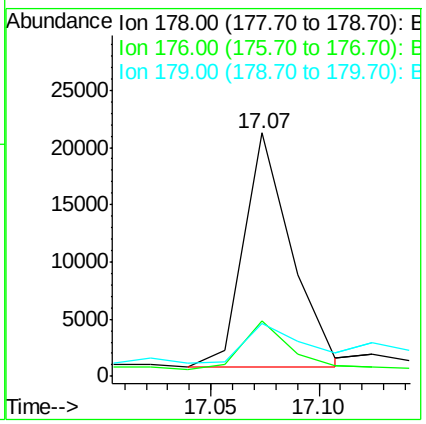




#12
Phenanthrene
Concen: 2.14 ng/ul m
RT: 17.07 min Scan# 1024
Delta R.T. -0.05 min
Lab File: BM008576.D
Acq: 23 Dec 2016 03:28

Tgt Ion:178 Resp: 31612

Ion	Ratio	Lower	Upper
178	100		
176	22.8	18.4	27.6
179	21.7	13.6	20.4#



Instrument :
BNA_M
ClientSampleId :
DA861DL

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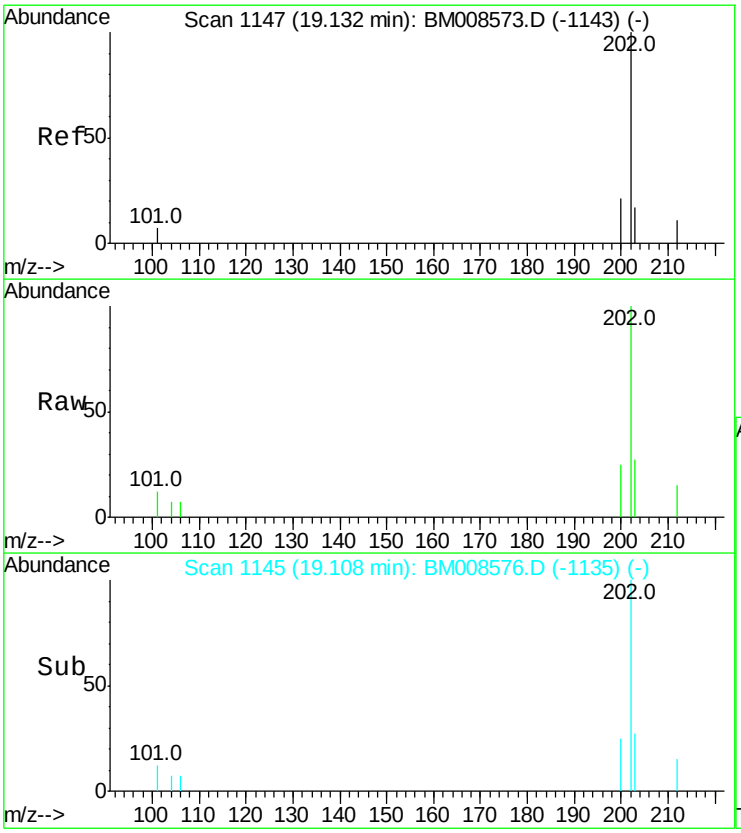
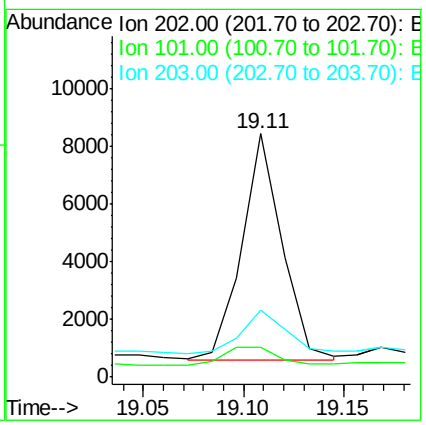
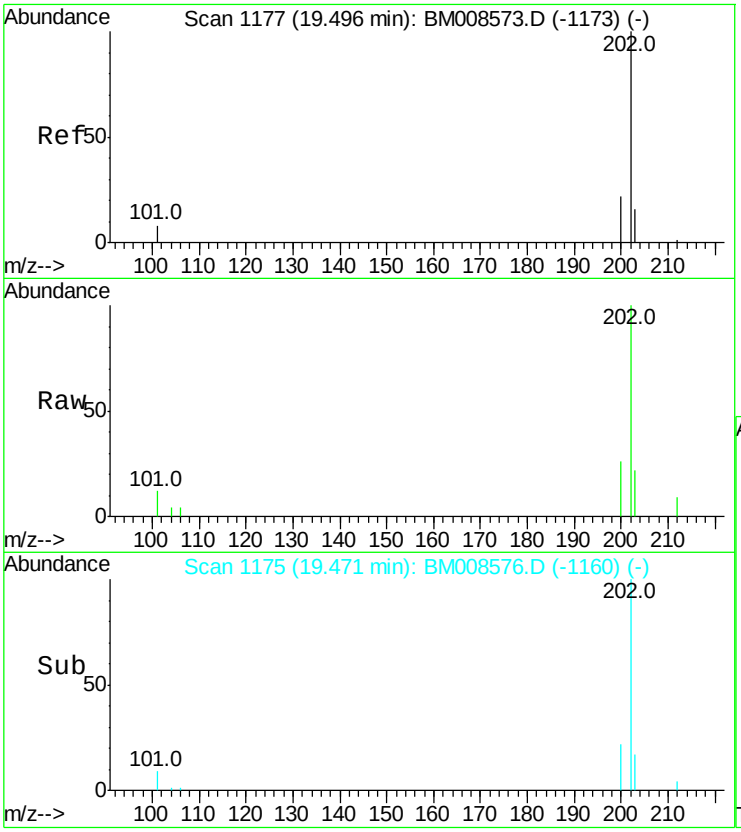


#15
Fluoranthene
Concen: 0.60 ng/ul m
RT: 19.11 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BM008576.D
Acq: 23 Dec 2016 03:28

Tgt Ion:202 Resp: 10903

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	30.3
203	27.3	0.0	39.5

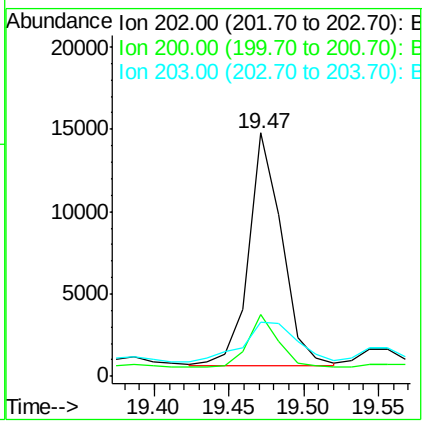




#17
Pyrene
Concen: 2.91 ng/ul m
RT: 19.47 min Scan# 1175
Delta R.T. -0.02 min
Lab File: BM008576.D
Acq: 23 Dec 2016 03:28

Tgt Ion:202 Resp: 21681

Ion	Ratio	Lower	Upper
202	100		
200	25.5	18.2	27.4
203	22.1	15.6	23.4



Instrument :
BNA_M
ClientSampleId :
DA861DL

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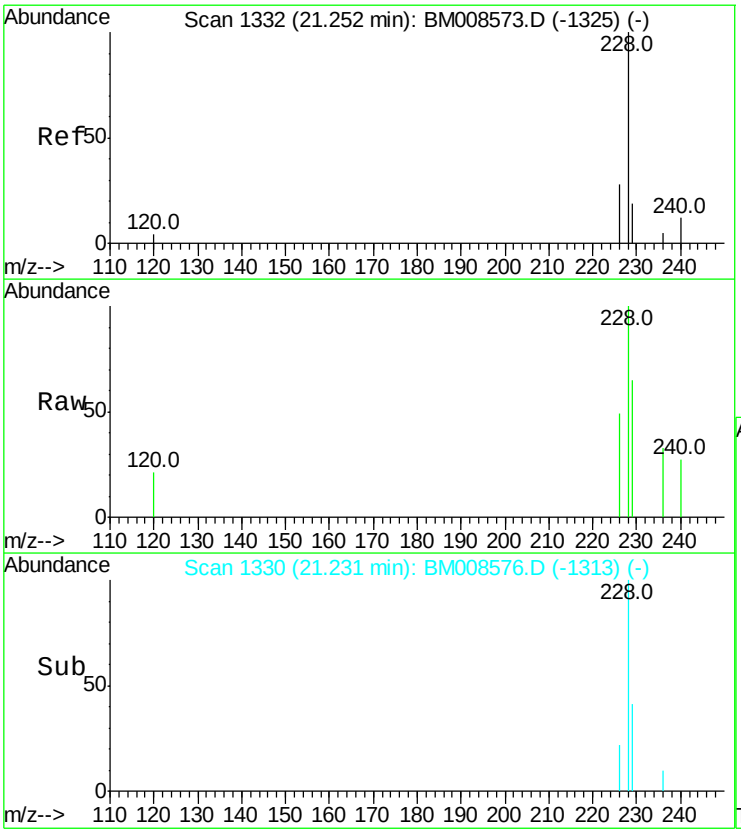
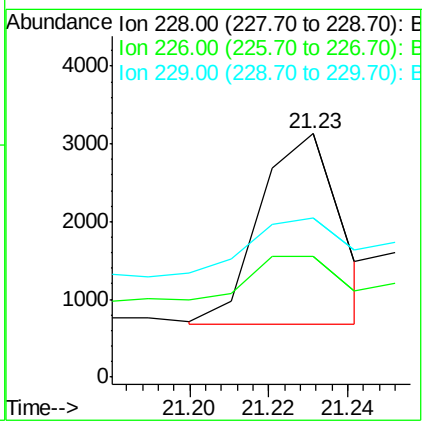
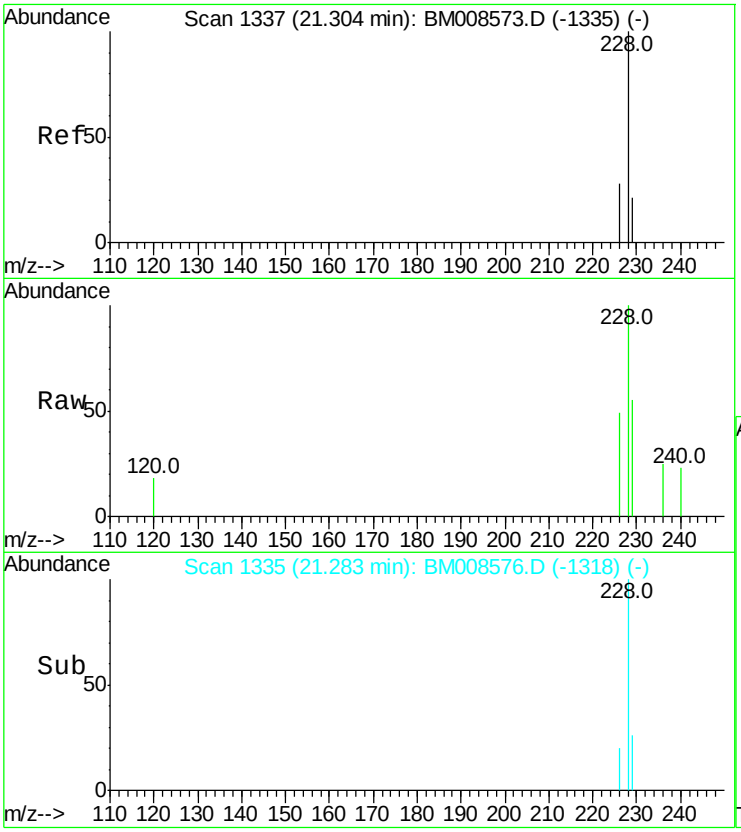


#18
Benzo(a)anthracene
Concen: 0.55 ng/ul m
RT: 21.23 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BM008576.D
Acq: 23 Dec 2016 03:28

Tgt Ion:228 Resp: 3497

Ion	Ratio	Lower	Upper
228	100		
226	49.3	22.8	34.2#
229	65.4	17.0	25.6#

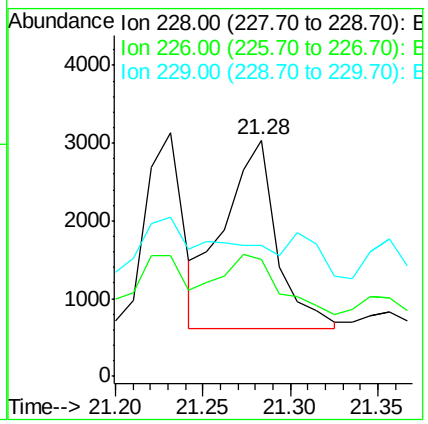




#19
Chrysene
Concen: 0.74 ng/ul m
RT: 21.28 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BM008576.D
Acq: 23 Dec 2016 03:28

Tgt Ion:228 Resp: 5098

Ion	Ratio	Lower	Upper
228	100		
226	49.5	23.4	35.0#
229	55.4	17.7	26.5#



Instrument :
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ClientSampleId :
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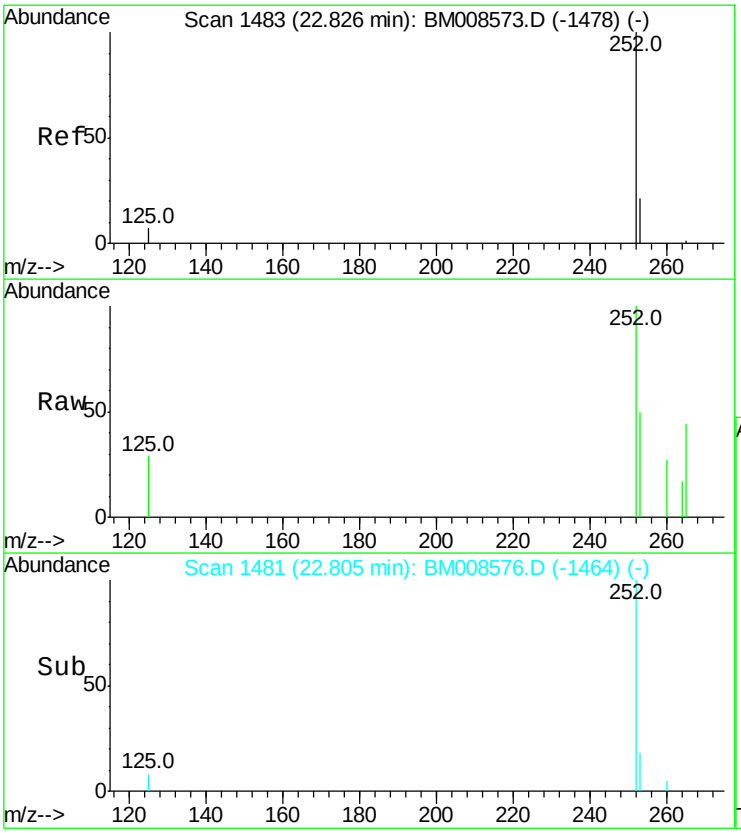
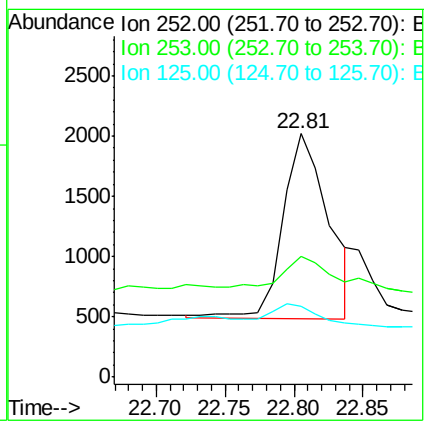
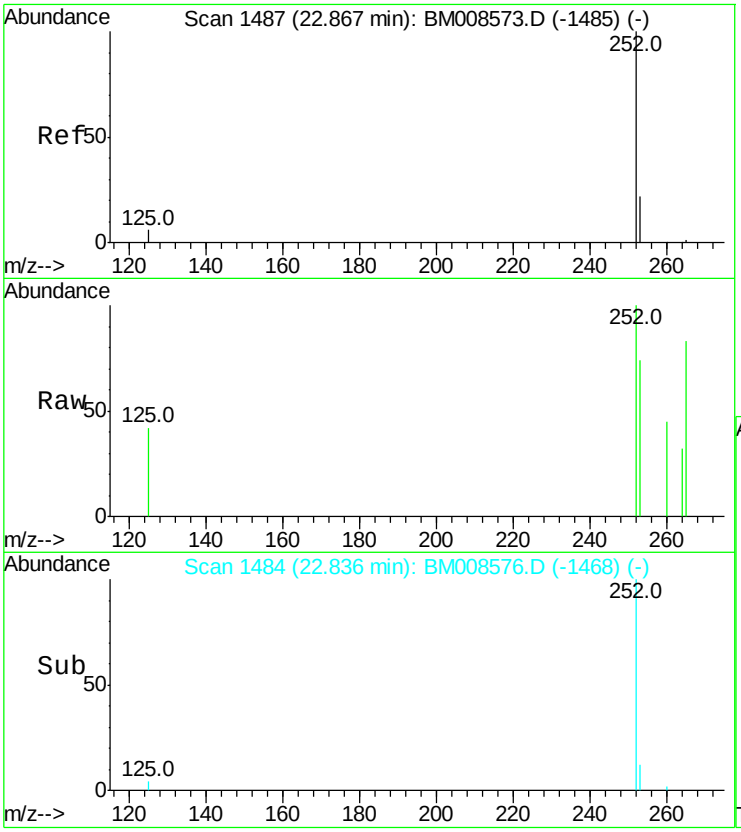


#21
Benzo(b)fluoranthene
Concen: 0.60 ng/ul m
RT: 22.81 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BM008576.D
Acq: 23 Dec 2016 03:28

Tgt Ion:252 Resp: 3556

Ion	Ratio	Lower	Upper
252	100		
253	49.6	0.0	64.2
125	29.1	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 0.11 ng/ul m
RT: 22.84 min Scan# 1484
Delta R.T. -0.03 min
Lab File: BM008576.D
Acq: 23 Dec 2016 03:28

Tgt Ion:252 Resp: 658

Ion	Ratio	Lower	Upper
252	100		
253	74.0	24.5	36.7#
125	42.2	13.7	20.5#

Instrument :
BNA_M
ClientSampleId :
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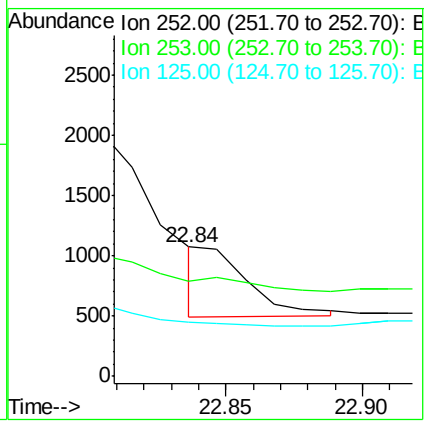
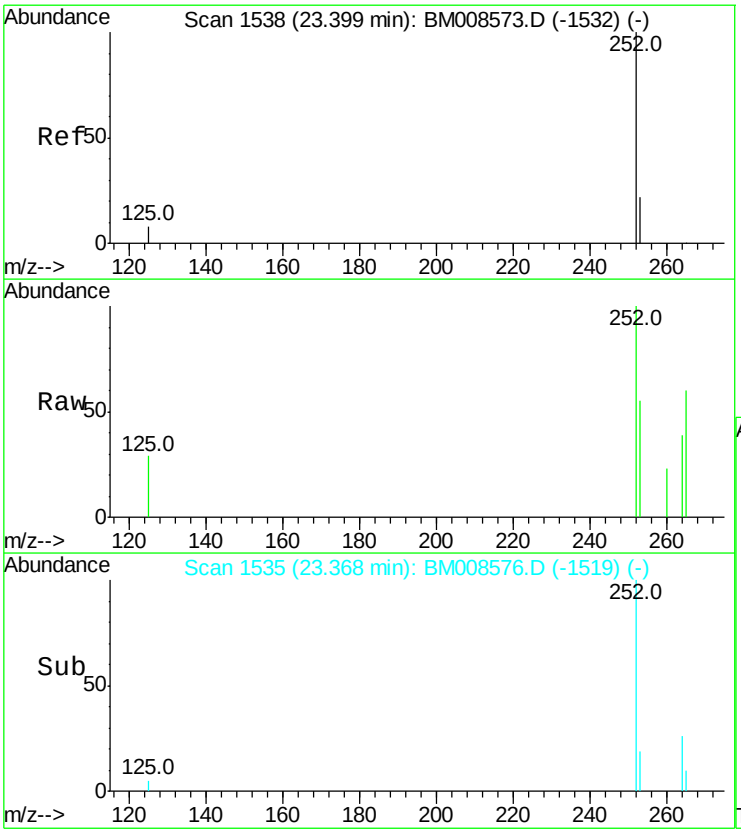
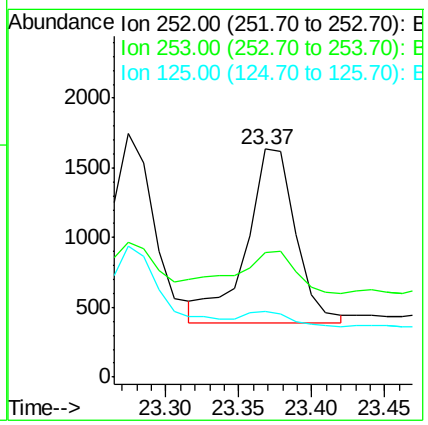


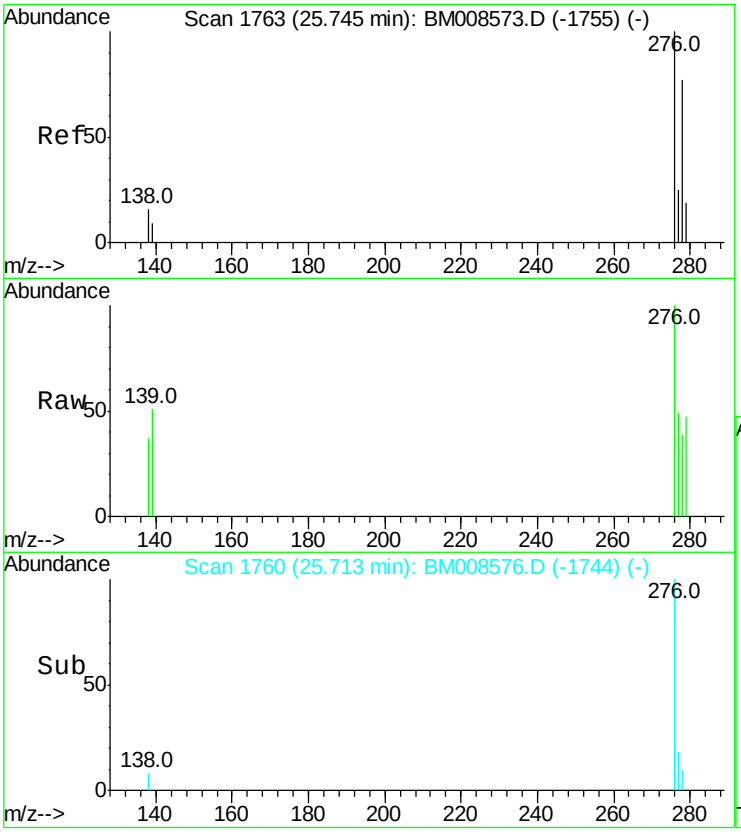


#23
Benzo(a)pyrene
Concen: 0.53 ng/ul m
RT: 23.37 min Scan# 1535
Delta R.T. -0.03 min
Lab File: BM008576.D
Acq: 23 Dec 2016 03:28

Tgt Ion:252 Resp: 2904

Ion	Ratio	Lower	Upper
252	100		
253	54.5	28.5	42.7#
125	28.9	18.1	27.1#

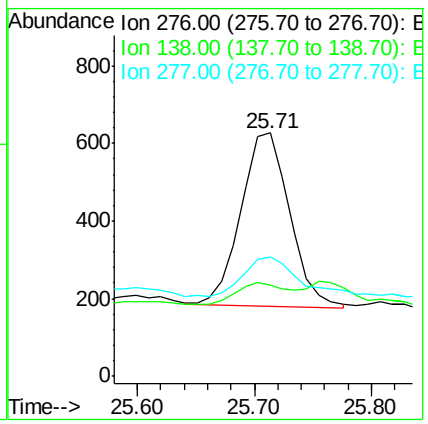




#24
Indeno(1,2,3-cd)pyrene
Concen: 0.20 ng/ul m
RT: 25.71 min Scan# 1760
Delta R.T. -0.03 min
Lab File: BM008576.D
Acq: 23 Dec 2016 03:28

Tgt Ion:276 Resp: 1305

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



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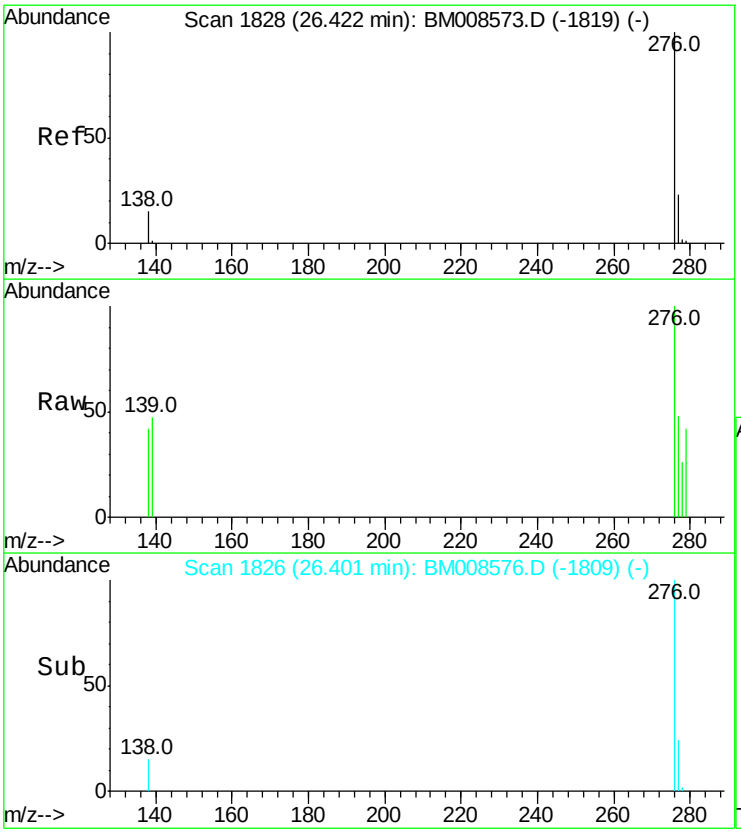

#26
Benzo(g,h,i)perylene
Concen: 0.25 ng/ul m
RT: 26.40 min Scan# 1826
Delta R.T. -0.02 min
Lab File: BM008576.D
Acq: 23 Dec 2016 03:28

Tgt Ion:276 Resp: 1419

Ion	Ratio	Lower	Upper
276	100		
277	48.2	21.8	32.8#
138	42.2	20.5	30.7#