Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102215\
Data File : BM002965.D
Acq On : 22 Oct 2015 01:49
Operator : UM/IZ
Sample : G4075-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JG9L1

Manual Integrations APPROVED
MMdadoda
10/22/2015 4:57:01 PM

Quant Time: Oct 22 13:31:07 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM102215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 16:23:48 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.64	152	7637	0.40	ng/ul	-0.02
4) Naphthalene-d8	11.49	136	33502	0.40	ng/ul	-0.01
8) Acenaphthene-d10	15.23	164	18282	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.94	188	38923m	0.40	ng/ul	-0.02
18) Chrysene-d12	22.03	240	28484	0.40	ng/ul	-0.01
22) Perylene-d12	24.60	264	23752	0.40	ng/ul	-0.02
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.71	96	23927	2.93	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.04	152	11490	0.20	ng/ul	-0.01
16) Fluoranthene-d10	19.93	212	22858	0.22	ng/ul	0.00
Target Compounds						Qvalue
17) Fluoranthene	19.95	202	8332	0.06	ng/ul	83
19) Pyrene	20.30	202	11331	0.11	ng/ul#	86
20) Benzo(a)anthracene	22.01	228	4173m	0.04	ng/ul	
21) Chrysene	22.07	228	8935m	0.09	ng/ul	
26) Indeno(1,2,3-cd)pyrene	27.32	276	3965	0.05	ng/ul#	59
28) Benzo(g,h,i)perylene	28.16	276	6042	0.08	ng/ul#	26

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

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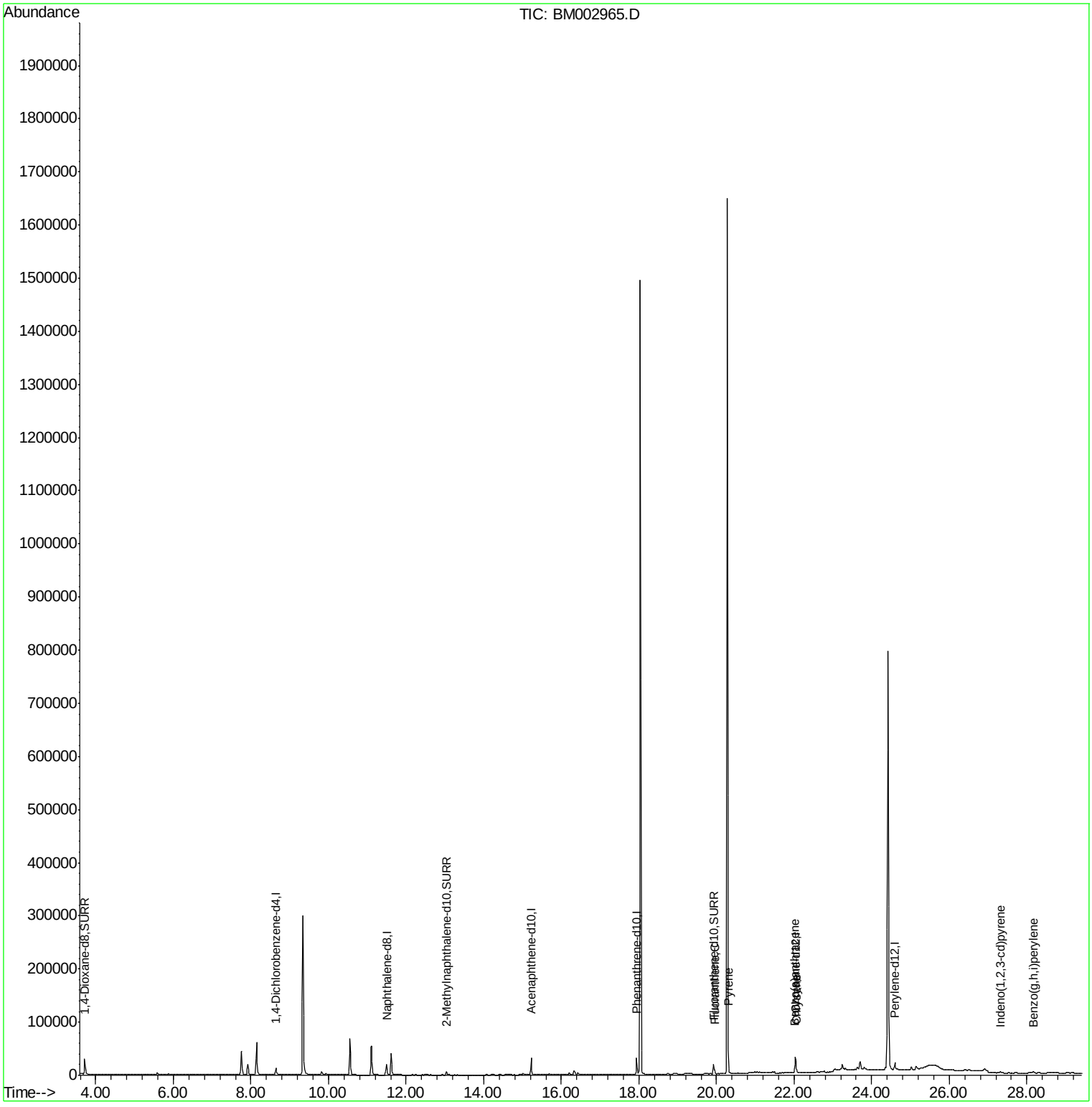
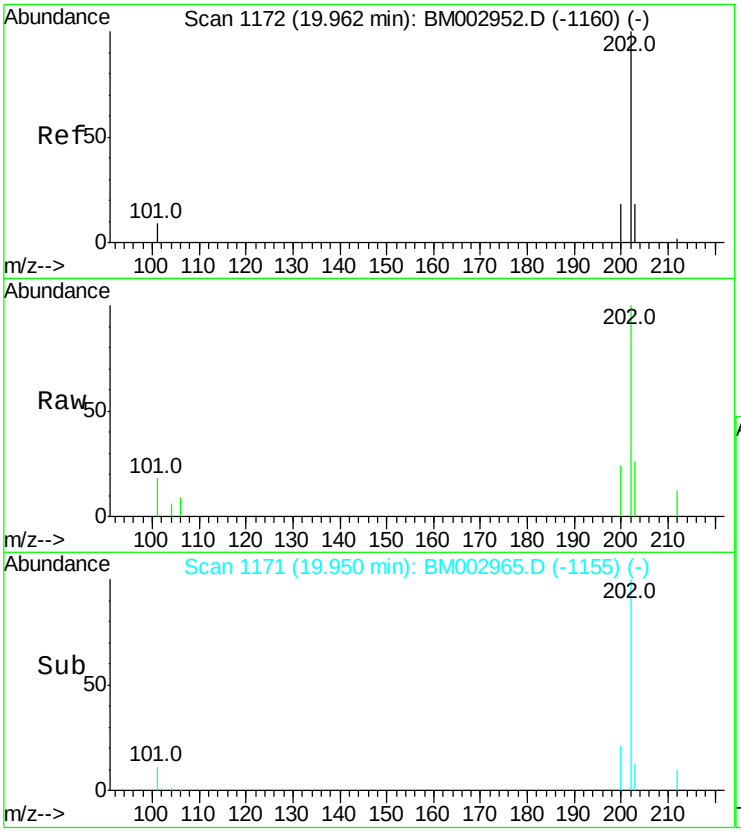
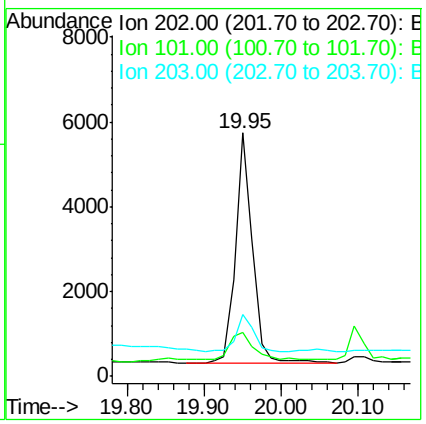




#17
Fluoranthene
Concen: 0.06 ng/ul
RT: 19.95 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BM002965.D
Acq: 22 Oct 2015 01:49

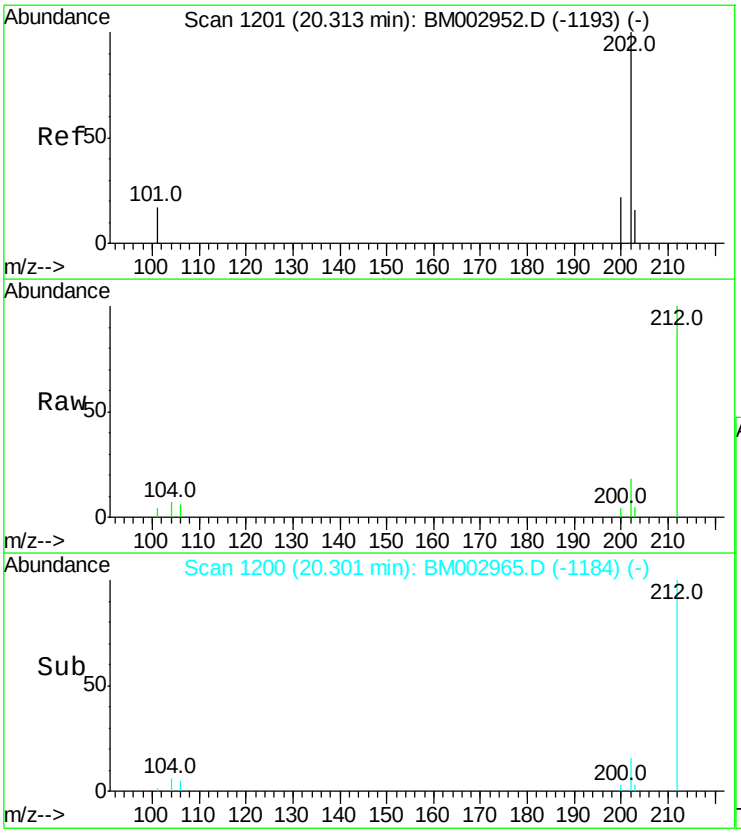
Tgt Ion:202 Resp: 8332

Ion	Ratio	Lower	Upper
202	100		
101	18.3	0.0	33.1
203	25.5	0.0	37.2



Instrument :
BNA_M
ClientSampleId :
JG9L1

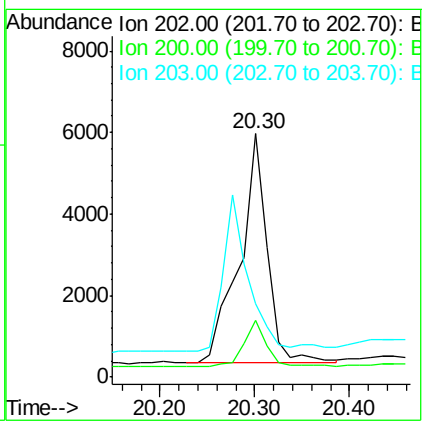
Manual Integrations APPROVED
MMdadoda
10/22/2015 4:57:01 PM

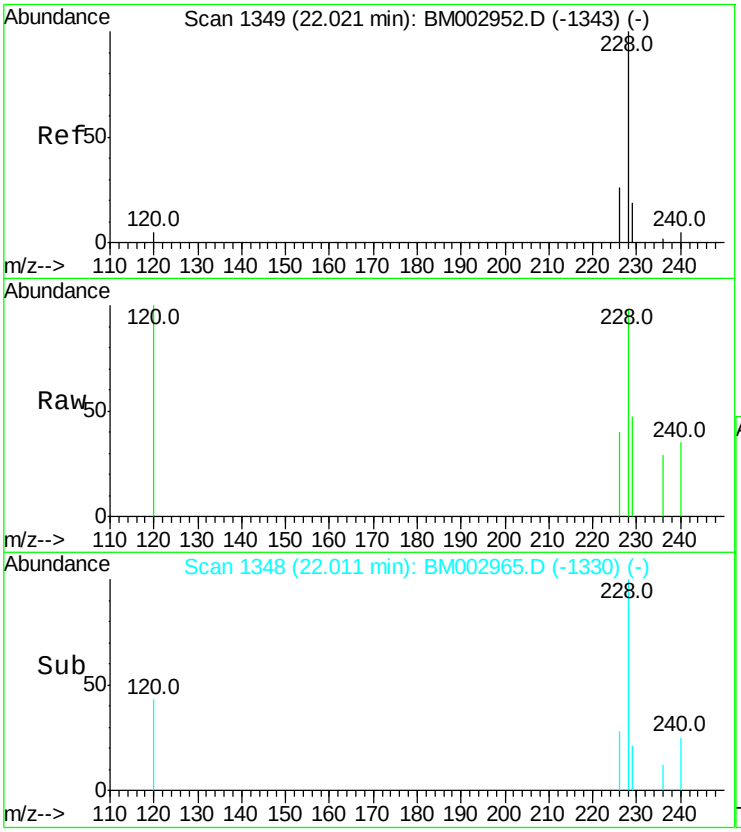


#19
Pyrene
Concen: 0.11 ng/ul
RT: 20.30 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BM002965.D
Acq: 22 Oct 2015 01:49

Tgt Ion:202 Resp: 11331

Ion	Ratio	Lower	Upper
202	100		
200	23.4	18.0	27.0
203	29.9	13.8	20.6#

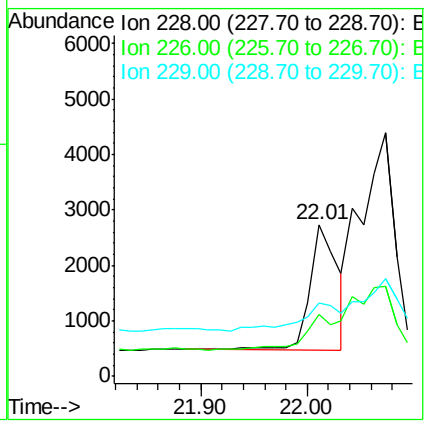




#20
Benzo(a)anthracene
Concen: 0.04 ng/ul m
RT: 22.01 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BM002965.D
Acq: 22 Oct 2015 01:49

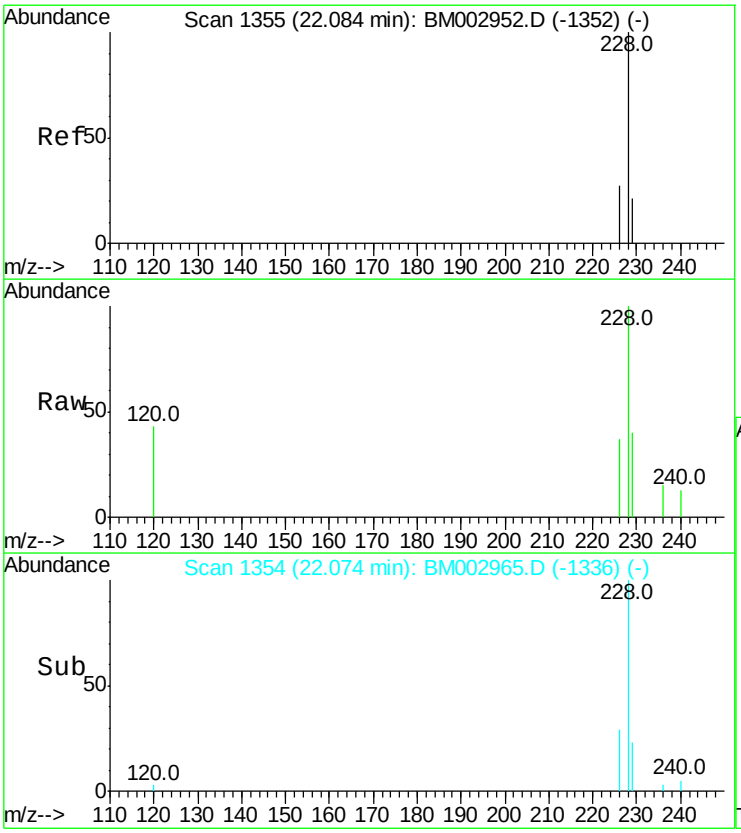
Tgt Ion:228 Resp: 4173

Ion	Ratio	Lower	Upper
228	100		
226	41.1	23.0	34.4#
229	48.0	15.2	22.8#



Instrument :
BNA_M
ClientSampleId :
JG9L1

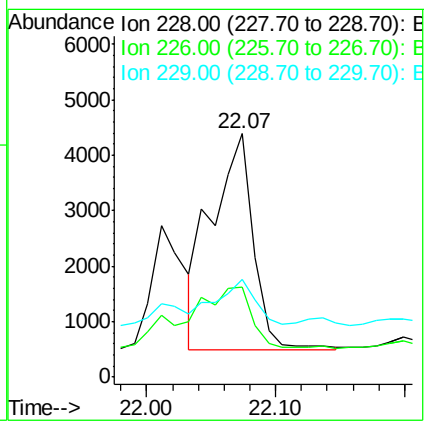
Manual Integrations APPROVED
MMdadoda
10/22/2015 4:57:01 PM

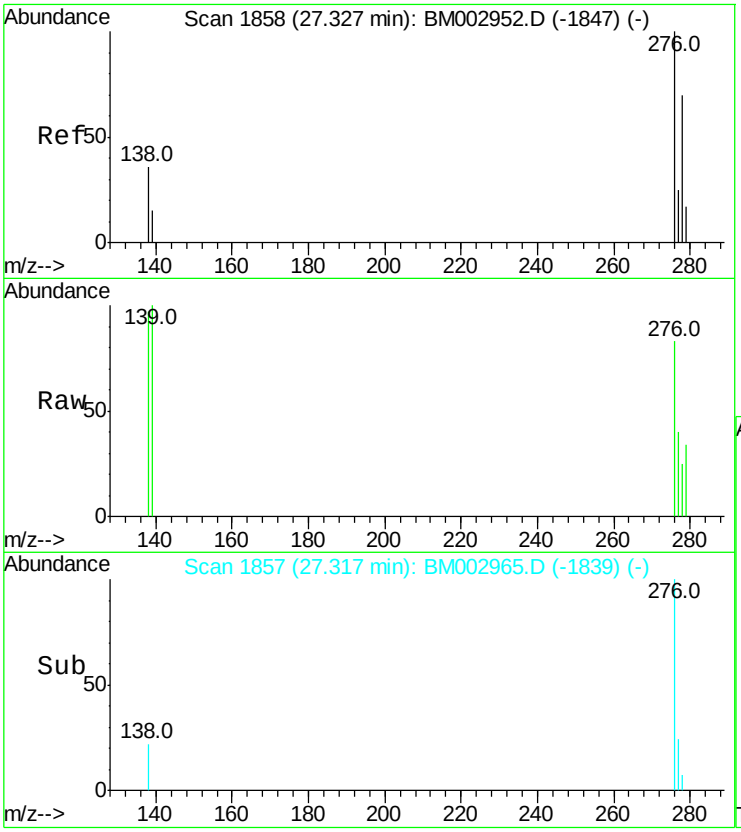


#21
Chrysene
Concen: 0.09 ng/ul m
RT: 22.07 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BM002965.D
Acq: 22 Oct 2015 01:49

Tgt Ion:228 Resp: 8935

Ion	Ratio	Lower	Upper
228	100		
226	37.2	25.7	38.5
229	40.0	15.2	22.8#

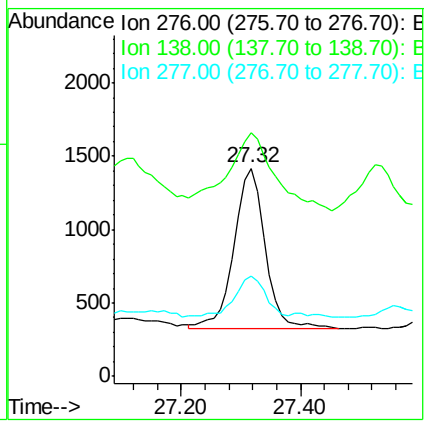




#26
Indeno(1,2,3-cd)pyrene
Concen: 0.05 ng/ul
RT: 27.32 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BM002965.D
Acq: 22 Oct 2015 01:49

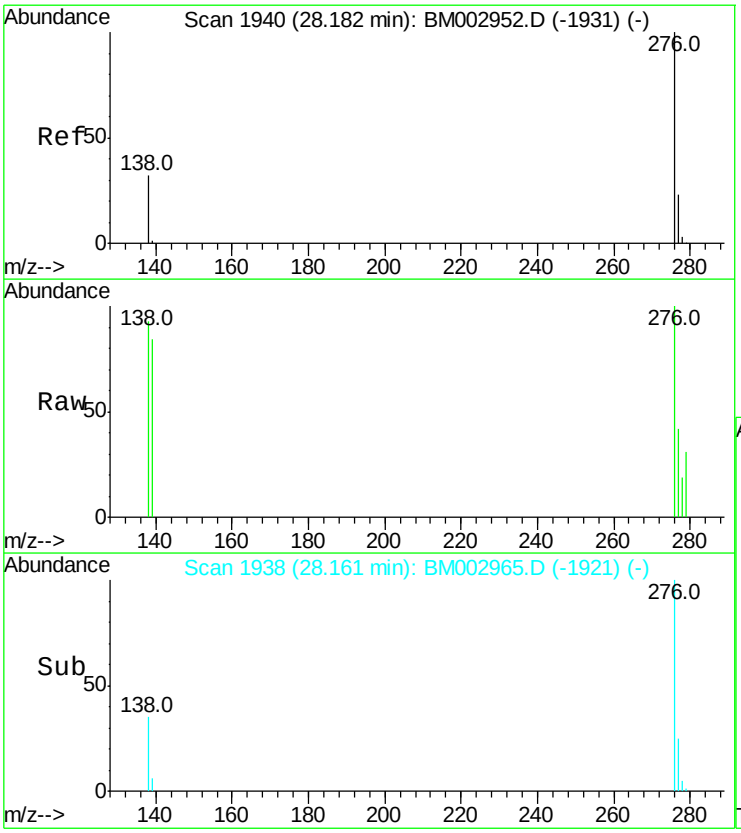
Tgt Ion:276 Resp: 3965

Ion	Ratio	Lower	Upper
276	100		
138	74.1	27.5	41.3#
277	24.2	19.3	28.9



Instrument :
BNA_M
ClientSampleId :
JG9L1

Manual Integrations APPROVED
MMdadoda
10/22/2015 4:57:01 PM



#28
Benzo(g,h,i)perylene
Concen: 0.08 ng/ul
RT: 28.16 min Scan# 1938
Delta R.T. -0.02 min
Lab File: BM002965.D
Acq: 22 Oct 2015 01:49

Tgt Ion:276 Resp: 6042

Ion	Ratio	Lower	Upper
276	100		
277	42.4	21.3	31.9#
138	93.2	25.5	38.3#