

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122216\
 Data File : BM008575.D
 Acq On : 23 Dec 2016 02:52
 Operator : UM/SJ
 Sample : H5970-21DL 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA860DL

Manual Integrations
 APPROVED

umangi
 12/23/2016 6:12:04 PM

Quant Time: Dec 23 06:36:39 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	413	0.40	ng/ul	-0.06
2) Naphthalene-d8	10.44	136	1274	0.40	ng/ul	-0.05
6) Acenaphthene-d10	14.30	164	740	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.04	188	1367	0.40	ng/ul	-0.03
16) Chrysene-d12	21.26	240	1388	0.40	ng/ul	-0.01
20) Perylene-d12	23.48	264	1632	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	225	0.12	ng/ul	-0.03
14) Fluoranthene-d10	19.10	212	618	0.16	ng/ul	-0.01
Target Compounds						
3) Naphthalene	10.49	128	129	0.04	ng/ul#	9
5) 2-Methylnaphthalene	12.13	142	156	0.06	ng/ul	90
8) Acenaphthene	14.35	153	58	0.02	ng/ul#	79
9) Fluorene	15.36	166	99	0.03	ng/ul#	80
12) Phenanthrene	17.09	178	314	0.08	ng/ul#	49
15) Fluoranthene	19.12	202	184m	0.04	ng/ul	

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

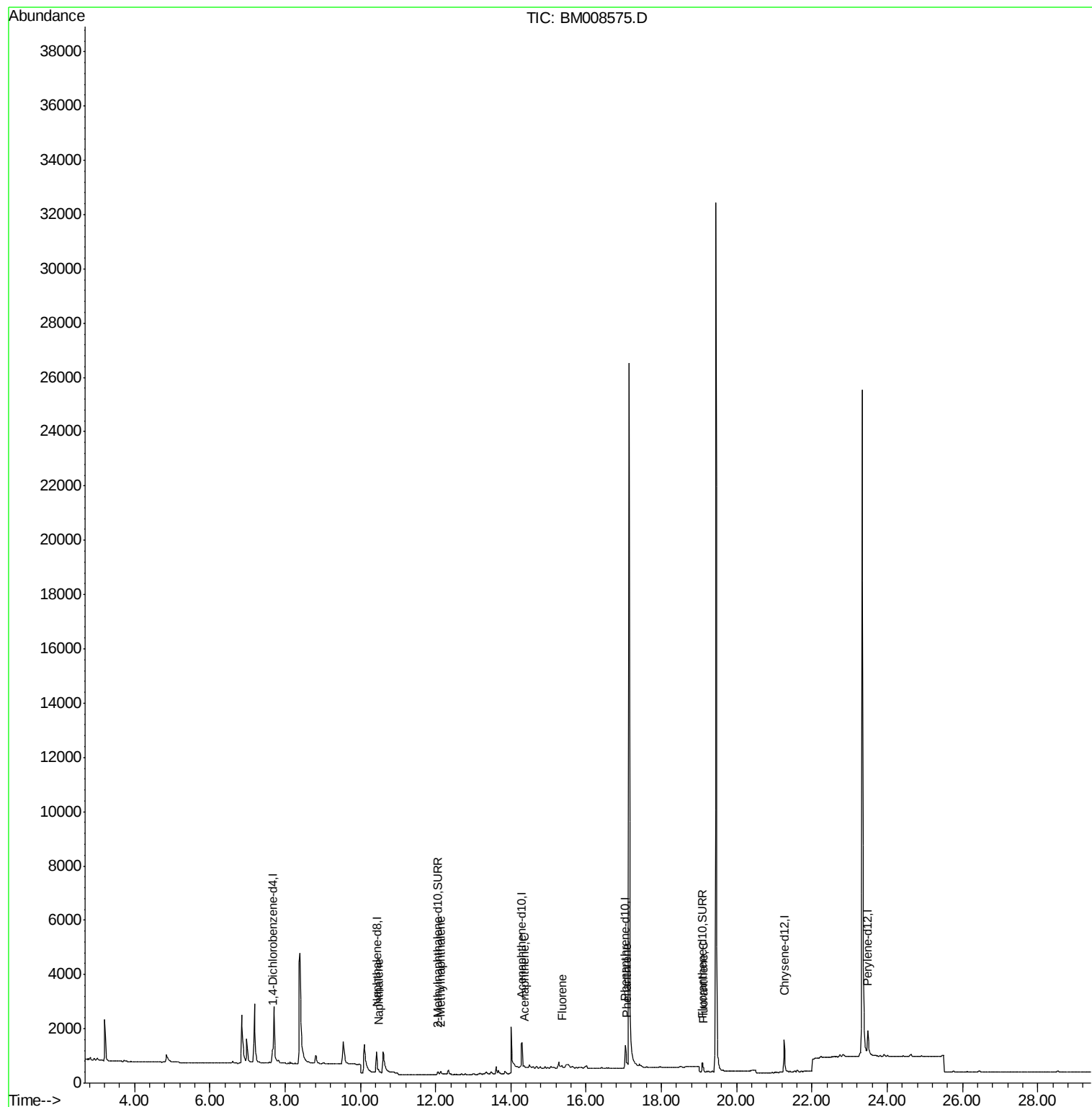
Data Path : Z:\HPCHEM1\BNA M\DATA\BM122216\
Data File : BM008575.D
Acq On : 23 Dec 2016 02:52
Operator : UM/SJ
Sample : H5970-21DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

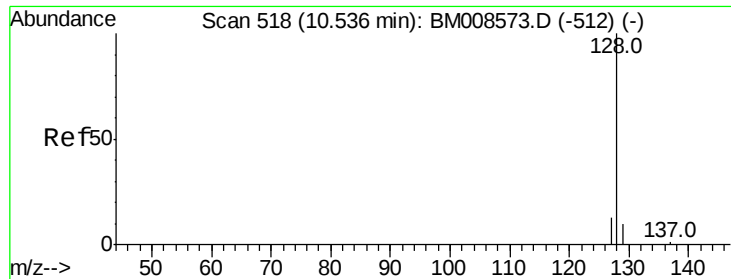
Instrument :
BNA_M
ClientSampleId :
DA860DL

Manual Integrations
APPROVED

umangi
12/23/2016 6:12:04 PM

Quant Time: Dec 23 06:36:39 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





#3

Naphthalene

Concen: 0.04 ng/ul

RT: 10.49 min Scan# 514

Delta R.T. -0.05 min

Lab File: BM008575.D

Acq: 23 Dec 2016 02:52

Instrument :

BNA_M

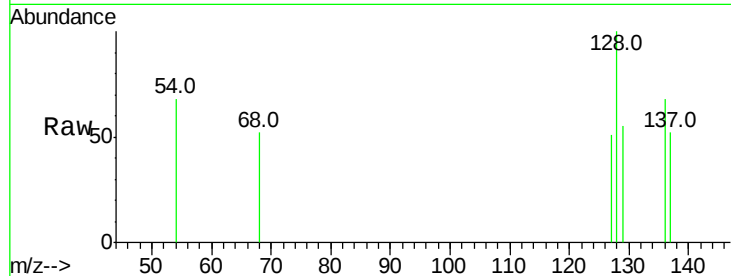
ClientSampleId :

DA860DL

Tot Ion:	128	Resp:	129
Ion Ratio	Lower	Upper	
128	100		
129	55.0	11.3	16.9#
127	51.4	12.8	19.2#

Manual Integrations
APPROVED

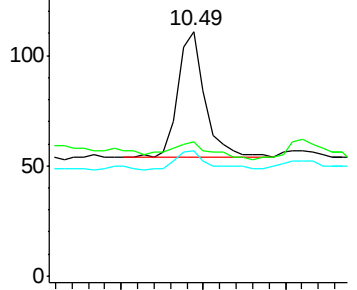
umangi
12/23/2016 6:12:04 PM



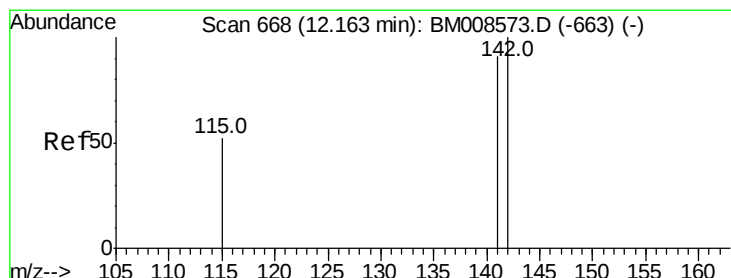
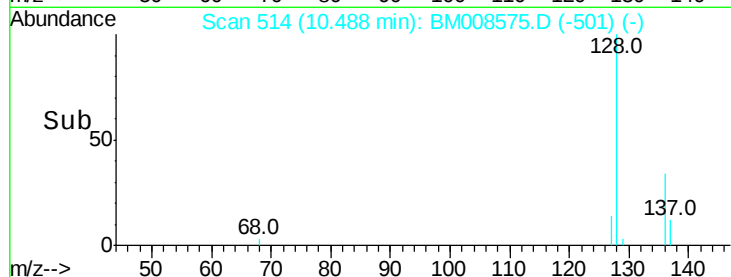
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#5

2-Methylnaphthalene

Concen: 0.06 ng/ul

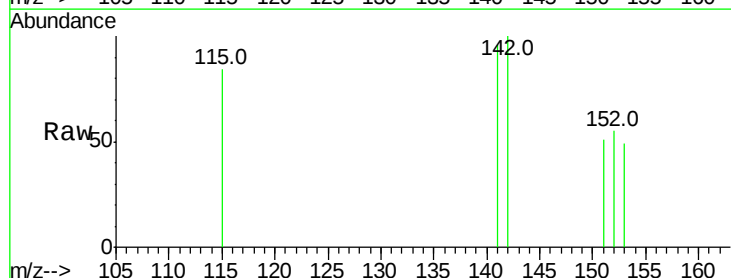
RT: 12.13 min Scan# 665

Delta R.T. -0.03 min

Lab File: BM008575.D

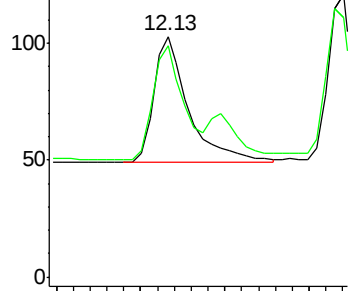
Acq: 23 Dec 2016 02:52

Tgt Ion:	142	Resp:	156
Ion Ratio	Lower	Upper	
142	100		
141	80.8	72.6	108.8

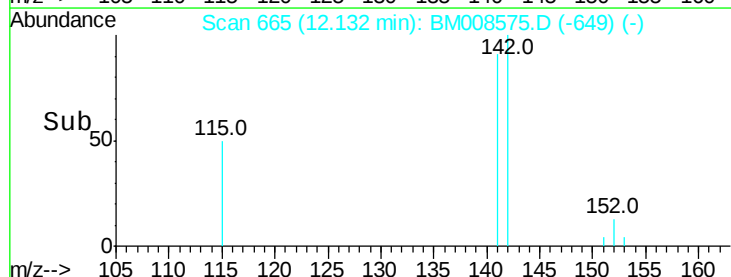


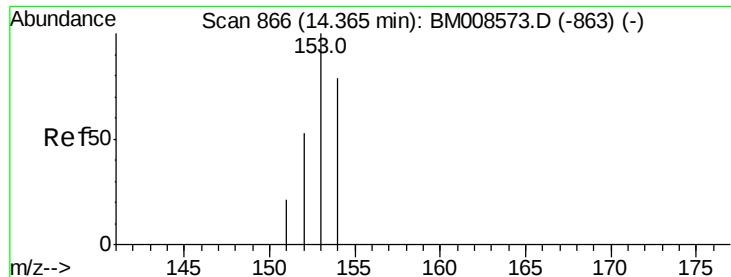
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#8

Acenaphthene

Concen: 0.02 ng/ul

RT: 14.35 min Scan# 865

Delta R.T. -0.02 min

Lab File: BM008575.D

Acq: 23 Dec 2016 02:52

Instrument :

BNA_M

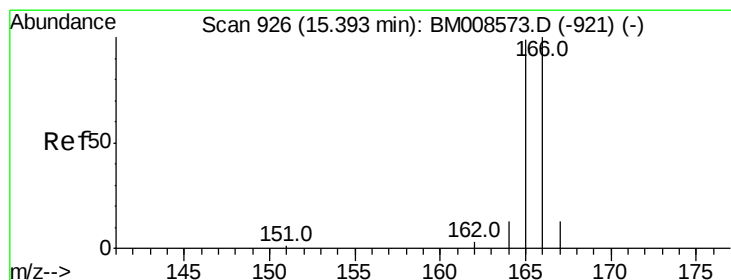
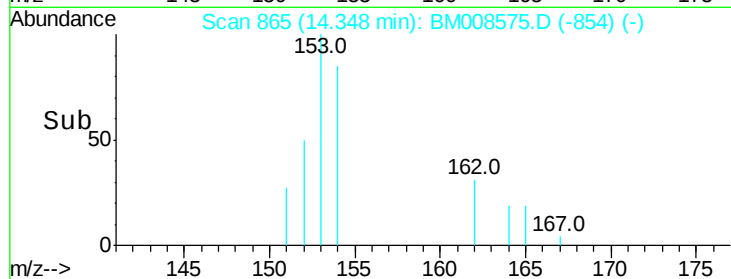
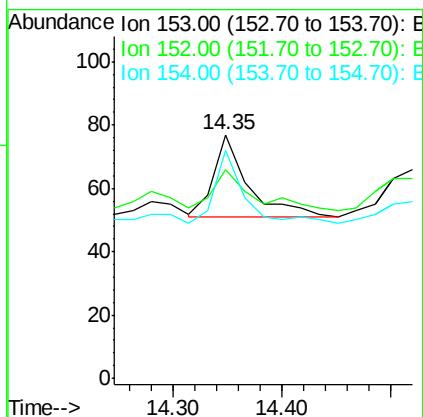
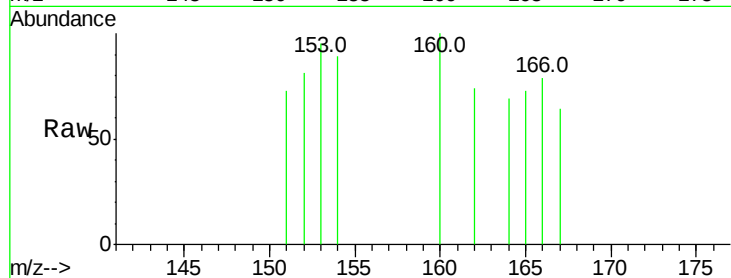
ClientSampleId :

DA860DL

Tot Ion:	153	Resp:	58
Ion	Ratio	Lower	Upper
153	100		
152	85.7	40.3	60.5#
154	93.5	71.4	107.2

Manual Integrations
APPROVED

umangi
12/23/2016 6:12:04 PM



#9

Fluorene

Concen: 0.03 ng/ul

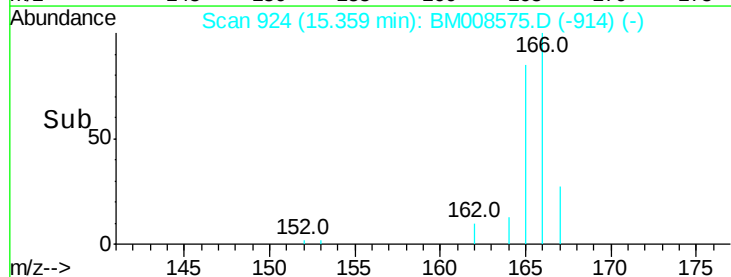
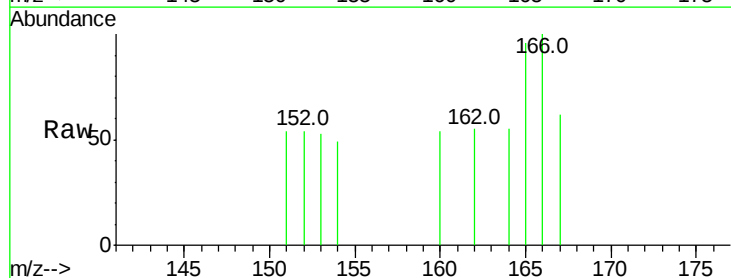
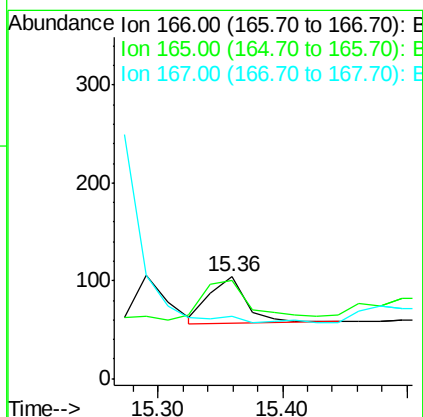
RT: 15.36 min Scan# 924

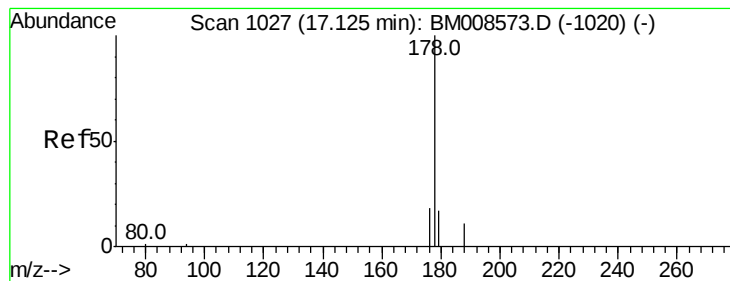
Delta R.T. -0.03 min

Lab File: BM008575.D

Acq: 23 Dec 2016 02:52

Tgt Ion:	166	Resp:	99
Ion	Ratio	Lower	Upper
166	100		
165	96.2	73.4	110.2
167	61.5	14.6	22.0#





#12

Phenanthrene

Concen: 0.08 ng/ul

RT: 17.09 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BM008575.D

Acq: 23 Dec 2016 02:52

Instrument :

BNA_M

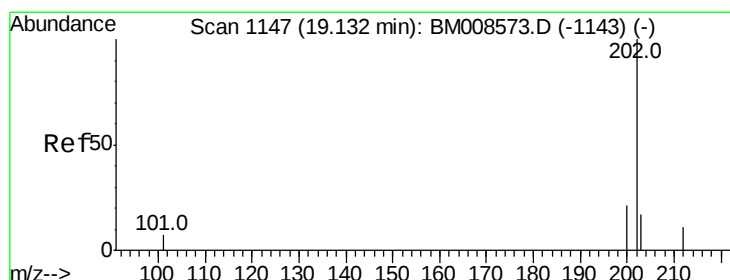
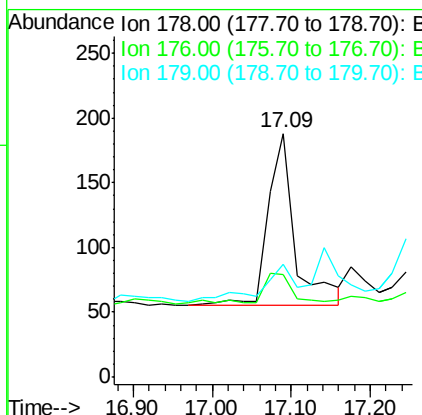
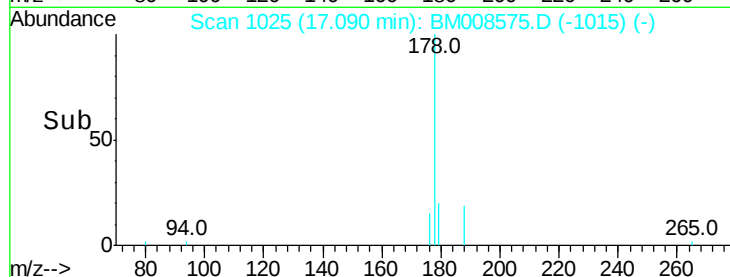
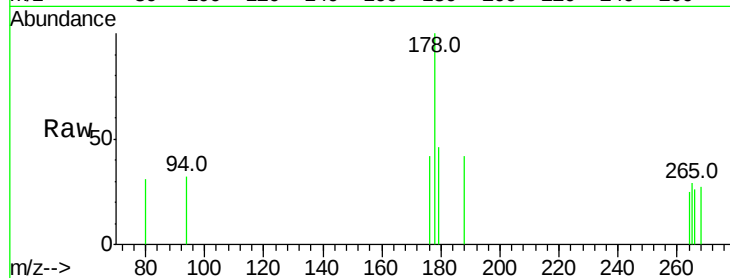
ClientSampleId :

DA860DL

Tot Ion:	178	Resp:	314
Ion Ratio	Lower	Upper	
178	100		
176	42.0	18.4	27.6#
179	46.3	13.6	20.4#

Manual Integrations
APPROVED

umangi
12/23/2016 6:12:04 PM



#15

Fluoranthene

Concen: 0.04 ng/ul m

RT: 19.12 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BM008575.D

Acq: 23 Dec 2016 02:52

Tgt Ion:	202	Resp:	184
Ion Ratio	Lower	Upper	
202	100		
101	38.1	0.0	30.3#
203	50.6	0.0	39.5#

