

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122216\
 Data File : BM008554.D
 Acq On : 22 Dec 2016 14:07
 Operator : UM/SJ
 Sample : H5970-21
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA860

Manual Integrations
 APPROVED

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 12/23/2016 6:10:50 PM

Quant Time: Dec 22 15:24:49 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 13:27:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	392	0.40	ng/ul	-0.05
2) Naphthalene-d8	10.43	136	1278	0.40	ng/ul	-0.04
6) Acenaphthene-d10	14.28	164	767	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.04	188	1465m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.26	240	1478	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	1139m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	508	0.26	ng/ul	-0.03
14) Fluoranthene-d10	19.09	212	881	0.22	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.48	128	269	0.07	ng/ul#	50
5) 2-Methylnaphthalene	12.11	142	329	0.14	ng/ul	94
8) Acenaphthene	14.35	153	116	0.04	ng/ul#	83
9) Fluorene	15.34	166	201	0.07	ng/ul#	68
12) Phenanthrene	17.07	178	566m	0.13	ng/ul	
15) Fluoranthene	19.11	202	340	0.06	ng/ul	56

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

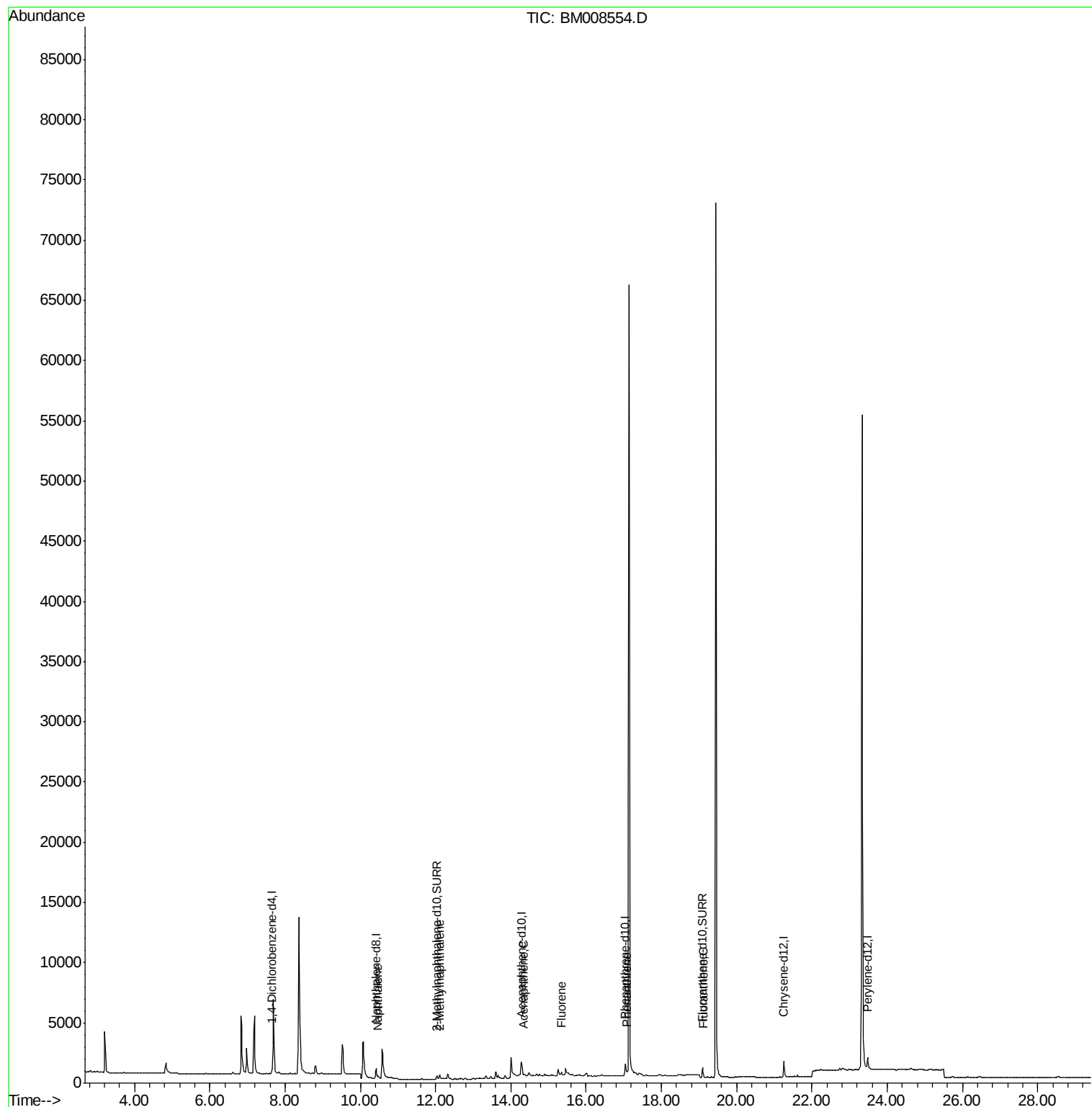
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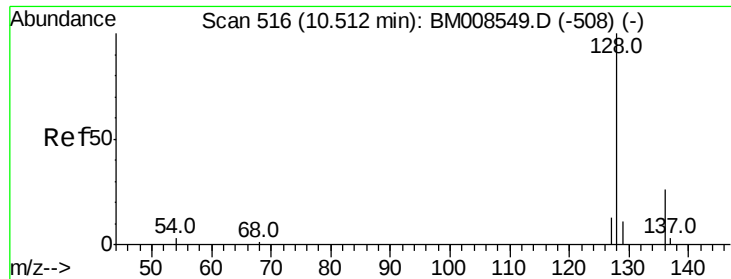
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#3

Naphthalene

Concen: 0.07 ng/ul

RT: 10.48 min Scan# 513

Delta R.T. -0.04 min

Lab File: BM008554.D

Acq: 22 Dec 2016 14:07

Instrument :

BNA_M

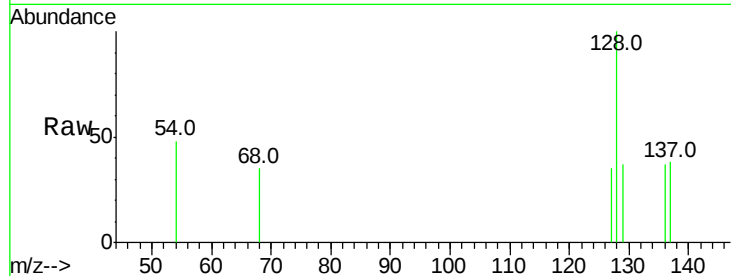
ClientSampleId :

DA860

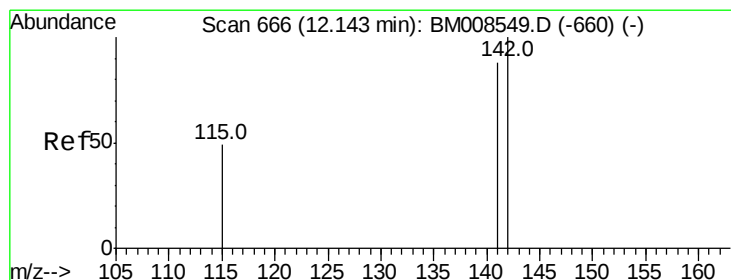
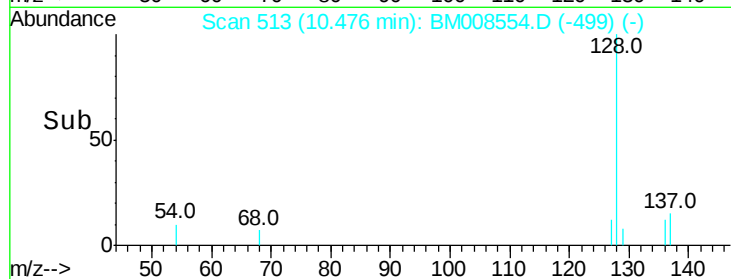
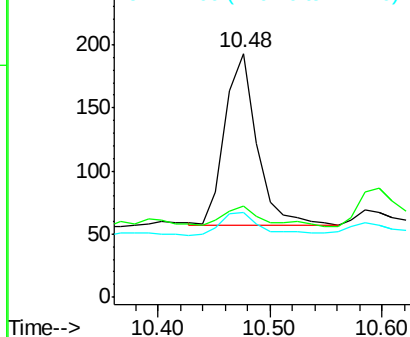
Tot Ion:	128	Resp:	269
Ion Ratio	Lower	Upper	
128	100		
129	37.3	11.3	16.9#
127	34.7	12.8	19.2#

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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



#5

2-Methylnaphthalene

Concen: 0.14 ng/ul

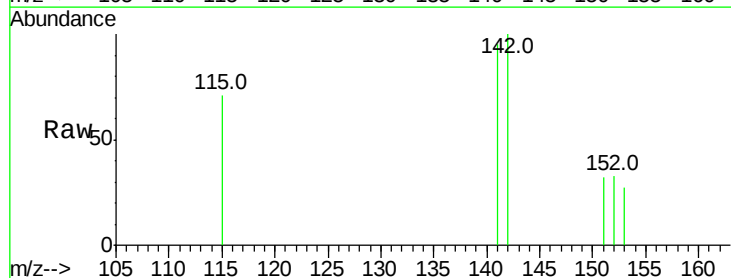
RT: 12.11 min Scan# 663

Delta R.T. -0.03 min

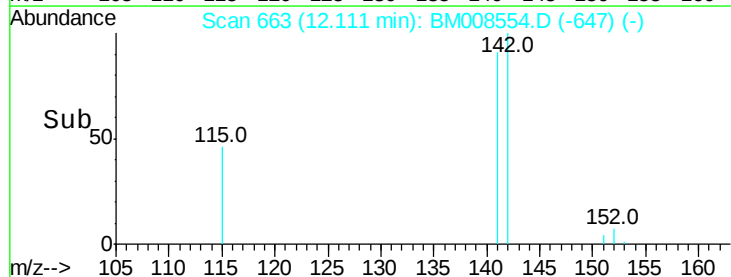
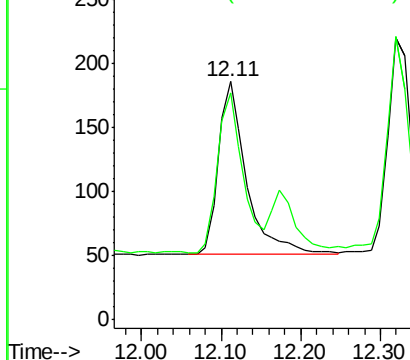
Lab File: BM008554.D

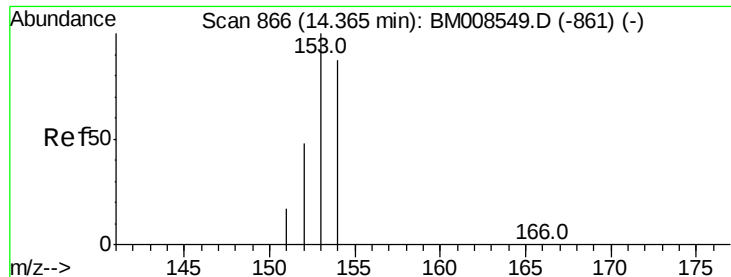
Acq: 22 Dec 2016 14:07

Tgt Ion:	142	Resp:	329
Ion Ratio	Lower	Upper	
142	100		
141	84.8	72.6	108.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.04 ng/ul

RT: 14.35 min Scan# 865

Delta R.T. -0.02 min

Lab File: BM008554.D

Acq: 22 Dec 2016 14:07

Instrument :

BNA_M

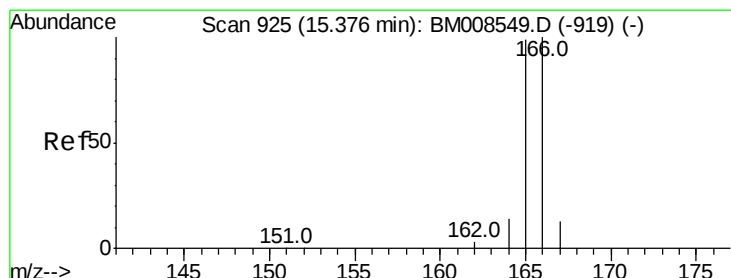
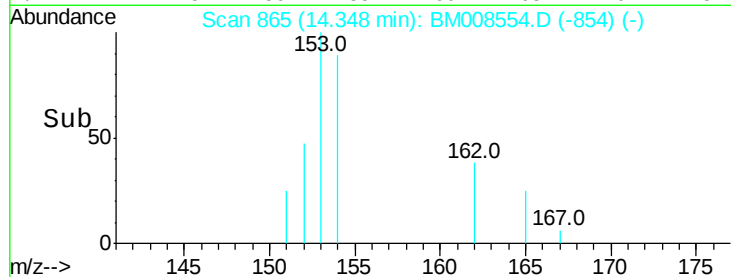
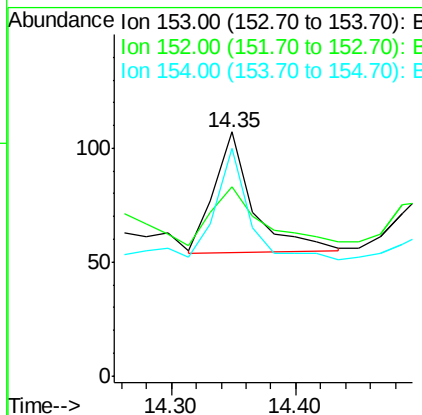
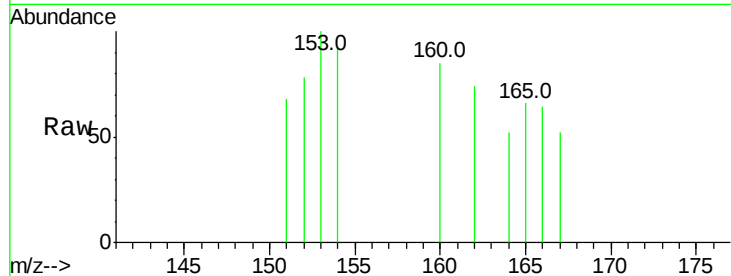
ClientSampleId :

DA860

Tot Ion:	153	Resp:	116
Ion	Ratio	Lower	Upper
153	100		
152	77.6	40.3	60.5#
154	93.5	71.4	107.2

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#9

Fluorene

Concen: 0.07 ng/ul

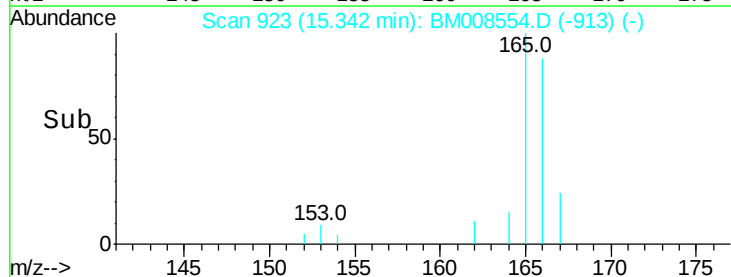
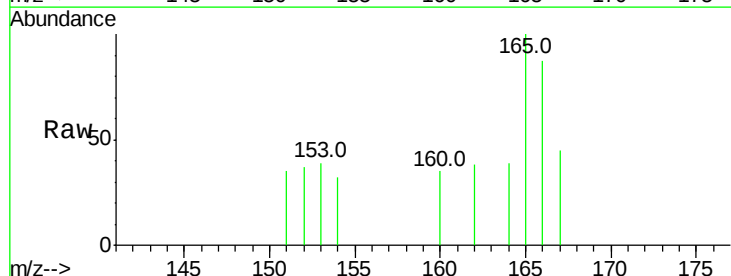
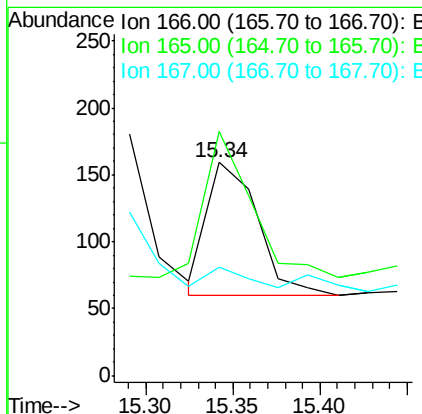
RT: 15.34 min Scan# 923

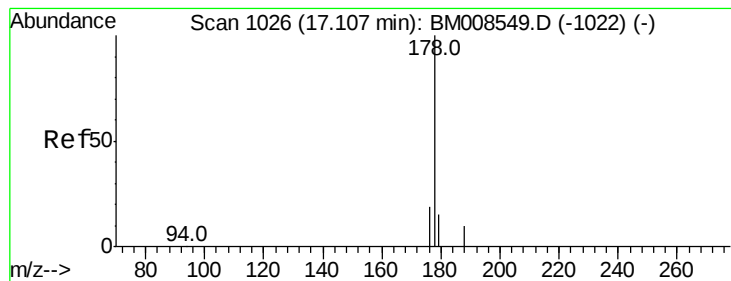
Delta R.T. -0.03 min

Lab File: BM008554.D

Acq: 22 Dec 2016 14:07

Tgt Ion:	166	Resp:	201
Ion	Ratio	Lower	Upper
166	100		
165	114.5	73.4	110.2#
167	50.9	14.6	22.0#





#12

Phenanthrene

Concen: 0.13 ng/ul m

RT: 17.07 min Scan# 1024

Delta R.T. -0.03 min

Lab File: BM008554.D

Acq: 22 Dec 2016 14:07

Instrument :

BNA_M

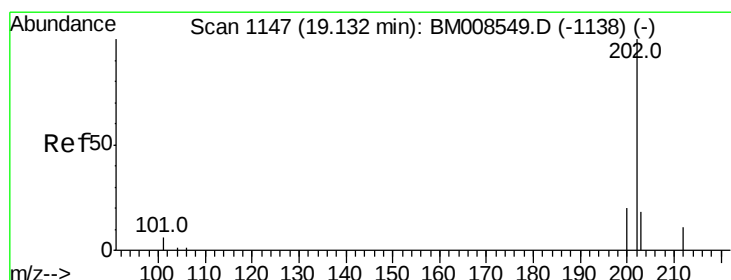
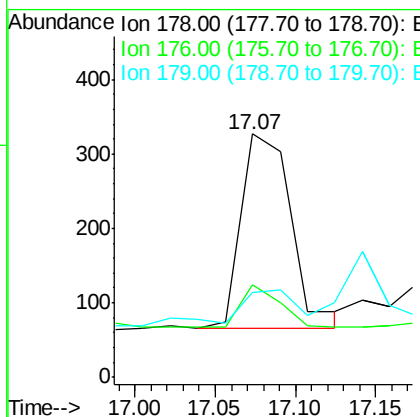
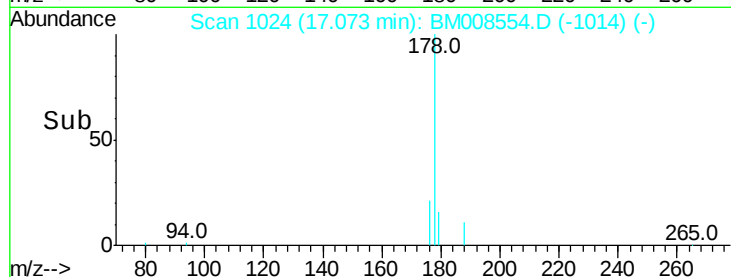
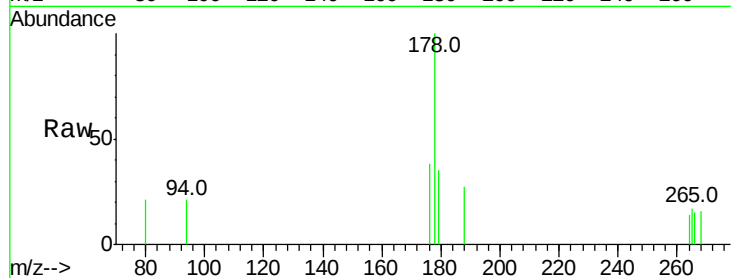
ClientSampleId :

DA860

Tot Ion:	178	Resp:	566
Ion Ratio	Lower	Upper	
178	100		
176	38.2	18.4	27.6#
179	34.9	13.6	20.4#

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#15

Fluoranthene

Concen: 0.06 ng/ul

RT: 19.11 min Scan# 1145

Delta R.T. -0.02 min

Lab File: BM008554.D

Acq: 22 Dec 2016 14:07

Tgt Ion:	202	Resp:	340
Ion Ratio	Lower	Upper	
202	100		
101	28.9	0.0	30.3
203	38.3	0.0	39.5

