

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122416\
 Data File : BM008655.D
 Acq On : 25 Dec 2016 04:52
 Operator : UM/SJ
 Sample : H5995-11DL 10X
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA876DL

Manual Integrations
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Quant Time: Dec 26 02:52:09 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 00:55:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	377	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.44	136	1197	0.40	ng/ul	-0.04
6) Acenaphthene-d10	14.30	164	722	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.06	188	1291	0.40	ng/ul	-0.02
16) Chrysene-d12	21.29	240	1277	0.40	ng/ul	0.02
20) Perylene-d12	23.51	264	1156m	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	36	0.02	ng/ul	-0.05
14) Fluoranthene-d10	19.11	212	98m	0.03	ng/ul	0.02
Target Compounds						
3) Naphthalene	10.49	128	2638	0.78	ng/ul	98
5) 2-Methylnaphthalene	12.10	142	4965	2.19	ng/ul	99
8) Acenaphthene	14.35	153	396	0.16	ng/ul#	88
9) Fluorene	15.36	166	1243	0.44	ng/ul#	89
12) Phenanthrene	17.11	178	589	0.15	ng/ul#	68
15) Fluoranthene	19.14	202	103m	0.02	ng/ul	
17) Pyrene	19.50	202	142	0.03	ng/ul#	4

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

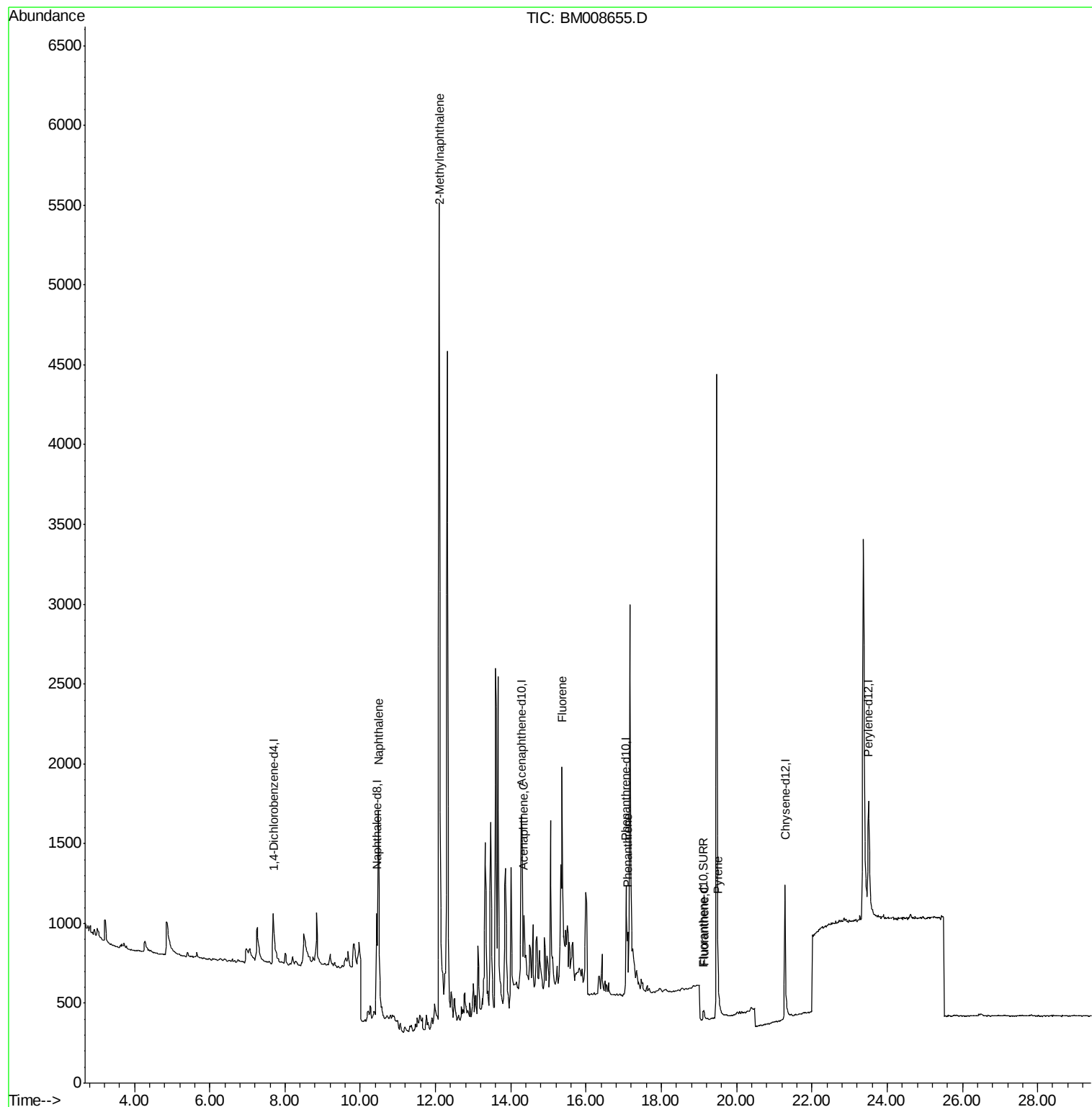
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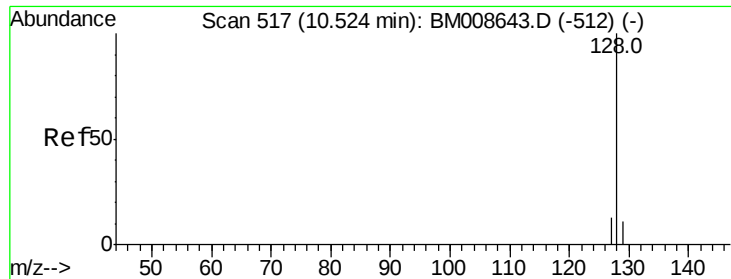
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#3

Naphthalene

Concen: 0.78 ng/ul

RT: 10.49 min Scan# 514

Delta R.T. -0.04 min

Lab File: BM008655.D

Acq: 25 Dec 2016 04:52

Instrument :

BNA_M

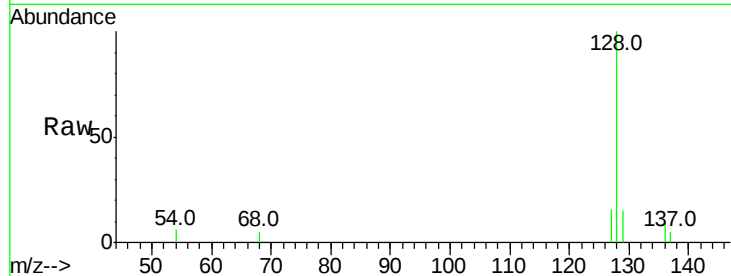
ClientSampleId :

DA876DL

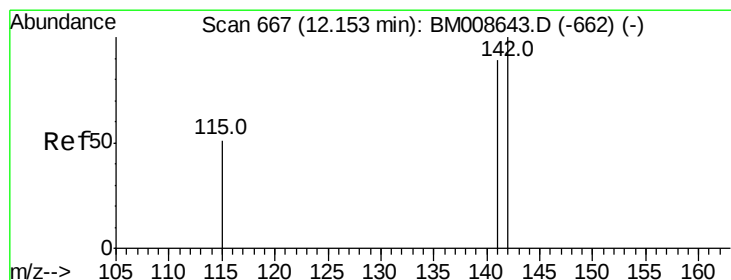
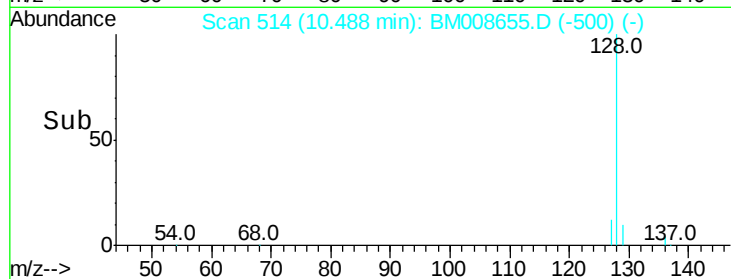
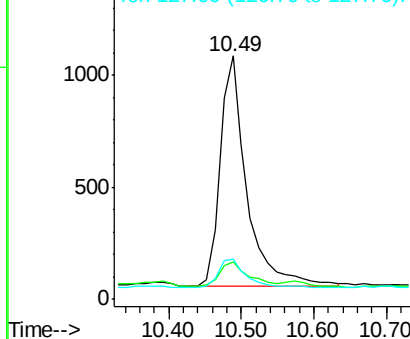
Tot Ion:128	Resp:	2638
Ion Ratio	Lower	Upper
128 100		
129 15.4	11.3	16.9
127 16.3	12.8	19.2

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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: 2.19 ng/ul

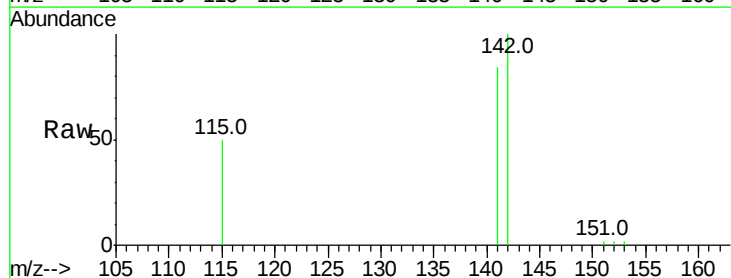
RT: 12.10 min Scan# 662

Delta R.T. -0.05 min

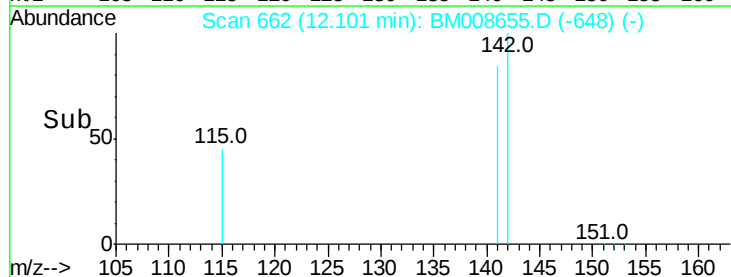
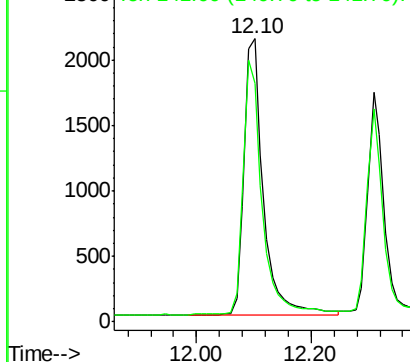
Lab File: BM008655.D

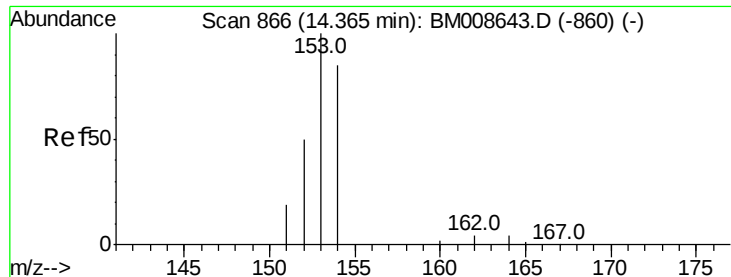
Acq: 25 Dec 2016 04:52

Tgt Ion:142	Resp:	4965
Ion Ratio	Lower	Upper
142 100		
141 89.5	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: 0.16 ng/ul

RT: 14.35 min Scan# 865

Delta R.T. -0.02 min

Lab File: BM008655.D

Acq: 25 Dec 2016 04:52

Instrument :

BNA_M

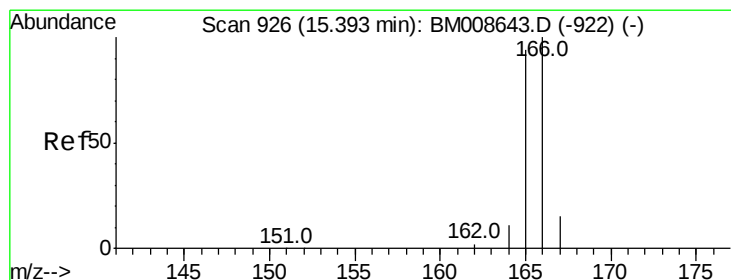
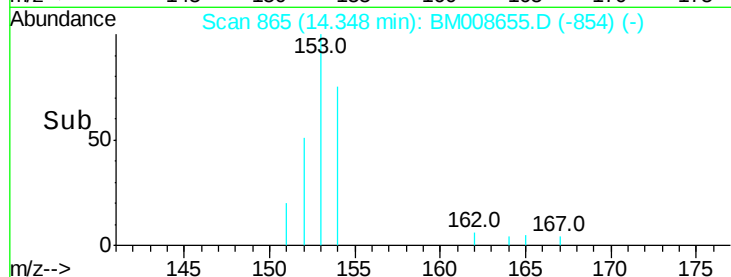
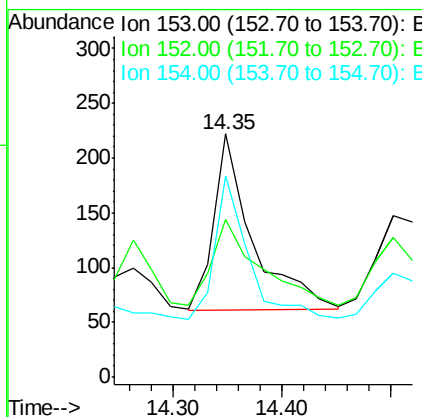
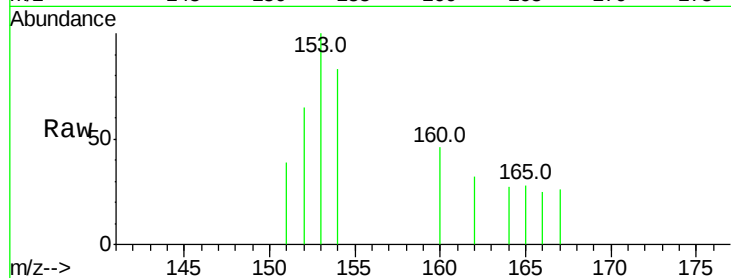
ClientSampleID :

DA876DL

Tot Ion:	153	Resp:	396
Ion	Ratio	Lower	Upper
153	100		
152	64.9	40.3	60.5#
154	82.9	71.4	107.2

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#9

Fluorene

Concen: 0.44 ng/ul

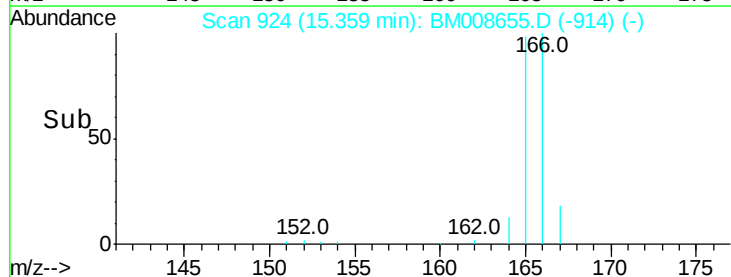
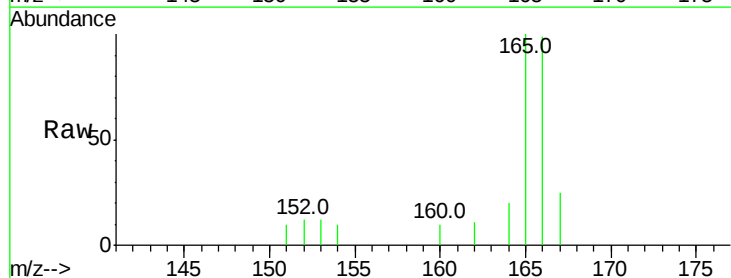
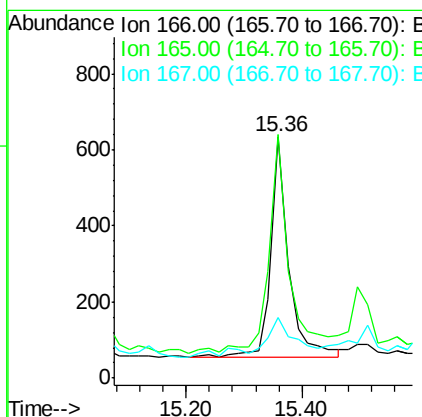
RT: 15.36 min Scan# 924

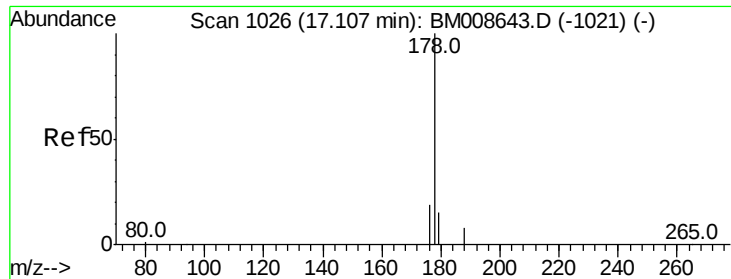
Delta R.T. -0.03 min

Lab File: BM008655.D

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Tgt Ion:	166	Resp:	1243
Ion	Ratio	Lower	Upper
166	100		
165	100.9	73.4	110.2
167	25.4	14.6	22.0#





#12

Phenanthrene

Concen: 0.15 ng/ul

RT: 17.11 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BM008655.D

Acq: 25 Dec 2016 04:52

Instrument :

BNA_M

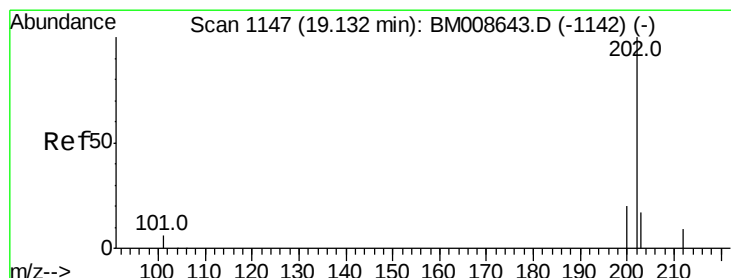
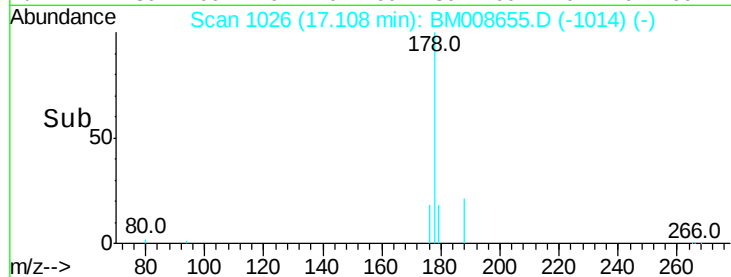
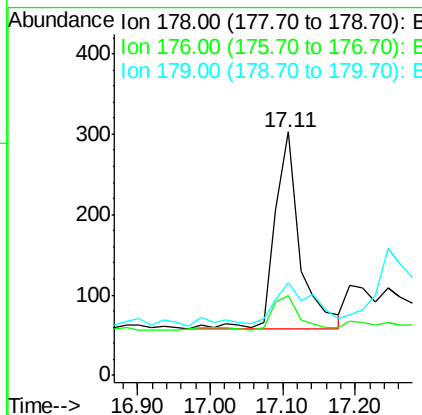
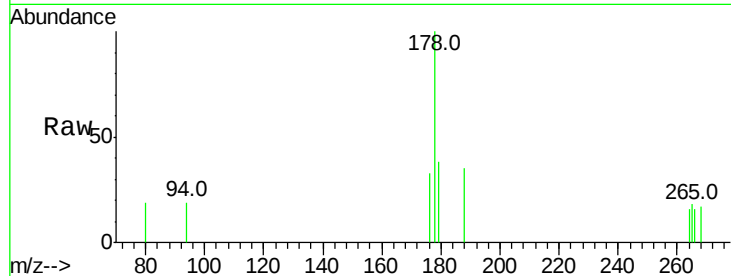
ClientSampleId :

DA876DL

Tot Ion	Ratio	Lower	Upper
178	100		
176	33.0	18.4	27.6#
179	38.0	13.6	20.4#

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#15

Fluoranthene

Concen: 0.02 ng/ul m

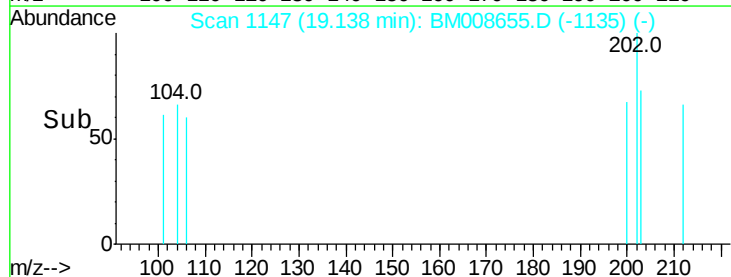
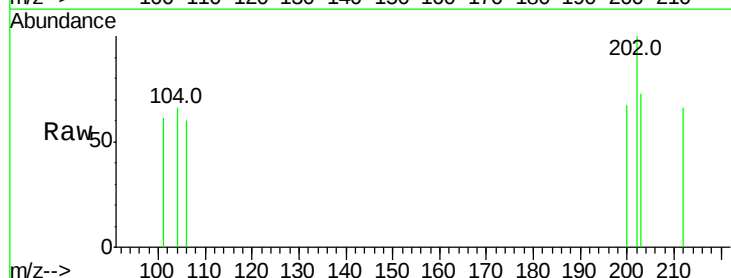
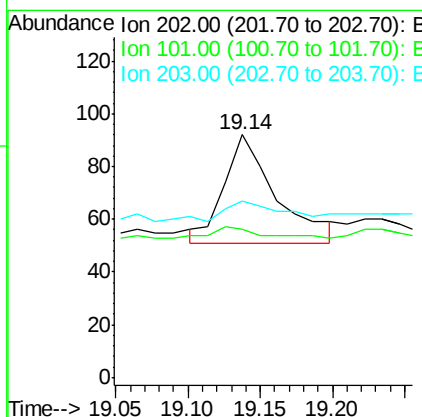
RT: 19.14 min Scan# 1147

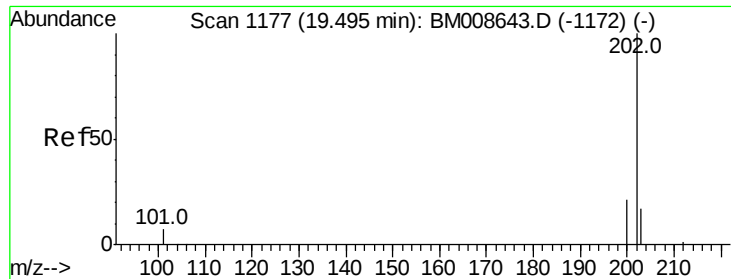
Delta R.T. 0.01 min

Lab File: BM008655.D

Acq: 25 Dec 2016 04:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	60.9	0.0	30.3#
203	72.8	0.0	39.5#





#17
 Pvrene
 Concen: 0.03 ng/ul
 RT: 19.50 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: BM008655.D
 Acq: 25 Dec 2016 04:52

Instrument :
 BNA_M
 ClientSampleId :
 DA876DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
200	59.4	18.2	27.4#		
203	73.6	15.6	23.4#		

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