

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
 Data File : BM008254.D
 Acq On : 11 Dec 2016 04:16
 Operator : UM/SJ
 Sample : H5863-18DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7Z8DL

Manual Integrations
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 12/12/2016 6:50:43 PM

Quant Time: Dec 12 12:54:00 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 12 03:51:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	900	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.46	136	2727	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.31	164	1979	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.07	188	3081	0.40	ng/ul	-0.02
16) Chrysene-d12	21.27	240	2277	0.40	ng/ul	-0.01
20) Perylene-d12	23.50	264	2186	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	356	0.09	ng/ul	-0.03
14) Fluoranthene-d10	19.11	212	730m	0.08	ng/ul	-0.02
Target Compounds						Ovalue
3) Naphthalene	10.50	128	71201	9.34	ng/ul	95
5) 2-Methylnaphthalene	12.12	142	79426	16.16	ng/ul	99
8) Acenaphthene	14.38	153	4840	0.71	ng/ul	96
9) Fluorene	15.38	166	13752	1.76	ng/ul	92
12) Phenanthrene	17.11	178	9133	0.95	ng/ul#	95
13) Anthracene	17.19	178	2205m	0.24	ng/ul	
15) Fluoranthene	19.13	202	1584m	0.13	ng/ul	
17) Pyrene	19.51	202	2289	0.29	ng/ul#	80

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

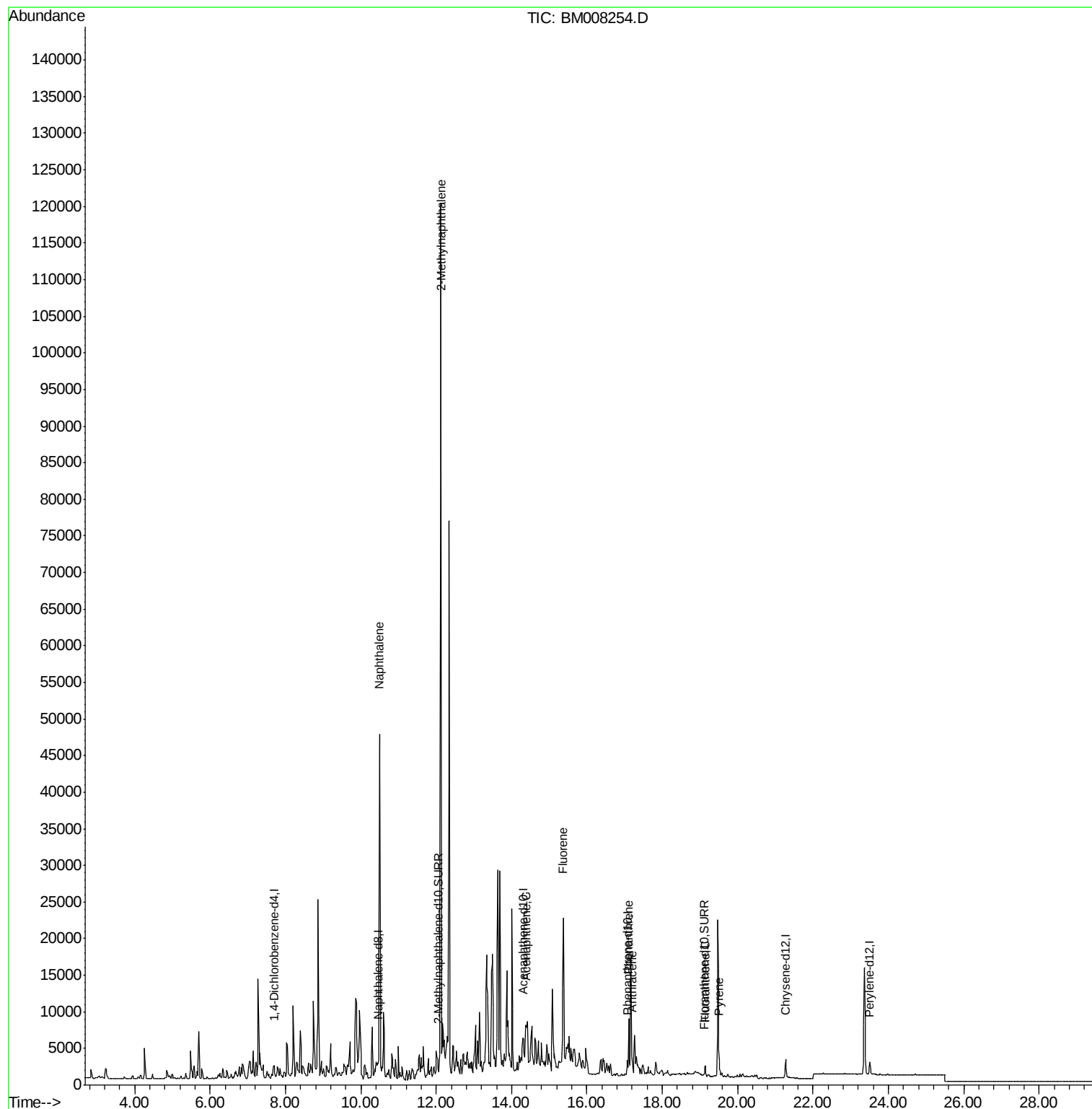
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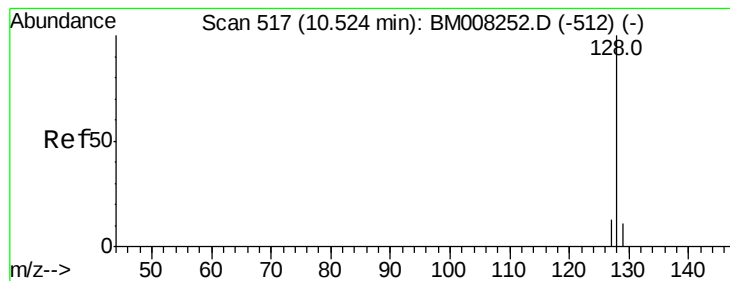
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#3

Naphthalene

Concen: 9.34 ng/ul

RT: 10.50 min Scan# 515

Delta R.T. -0.02 min

Lab File: BM008254.D

Acq: 11 Dec 2016 04:16

Instrument :

BNA_M

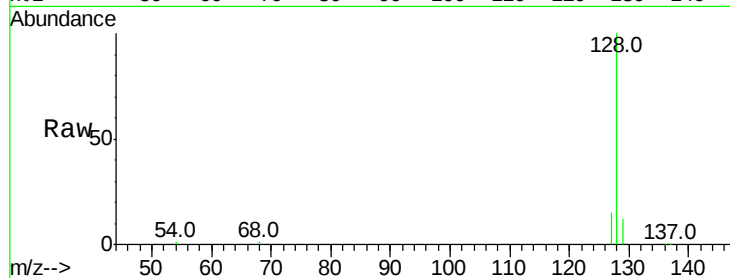
ClientSampleId :

DA7Z8DL

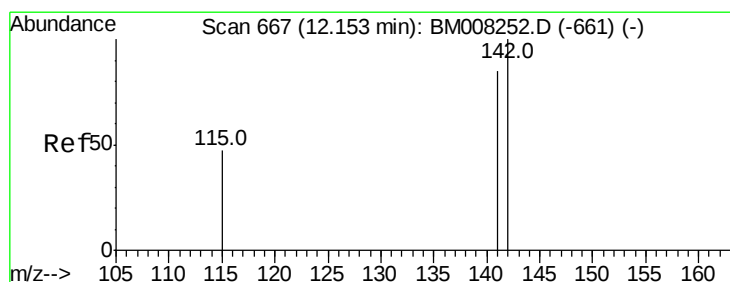
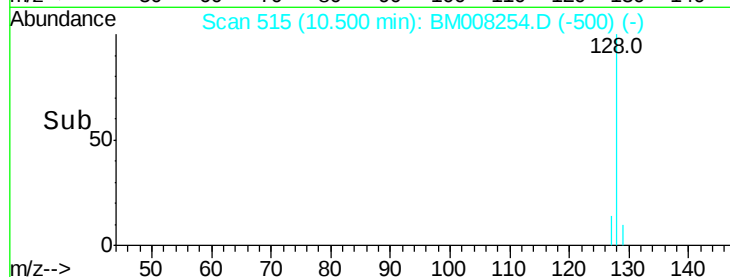
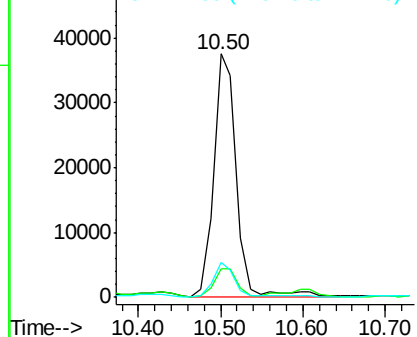
Tot Ion:	128	Resp:	71201
Ion	Ratio	Lower	Upper
128	100		
129	11.5	11.3	16.9
127	14.5	12.8	19.2

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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: 16.16 ng/ul

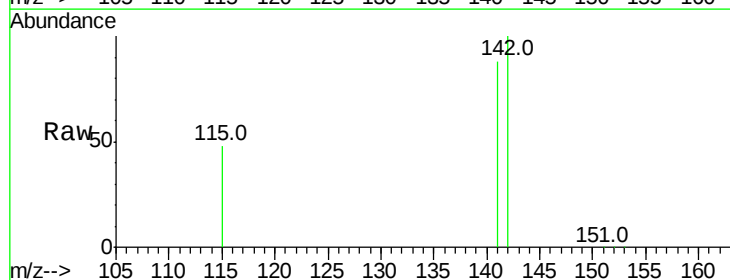
RT: 12.12 min Scan# 664

Delta R.T. -0.03 min

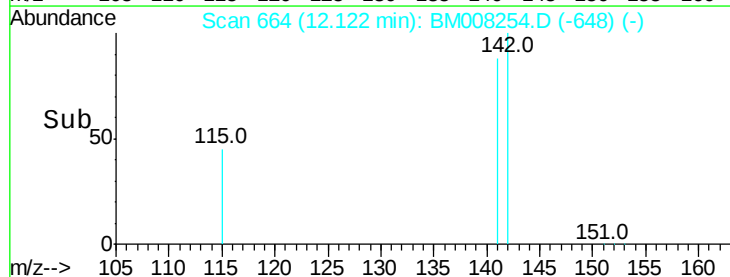
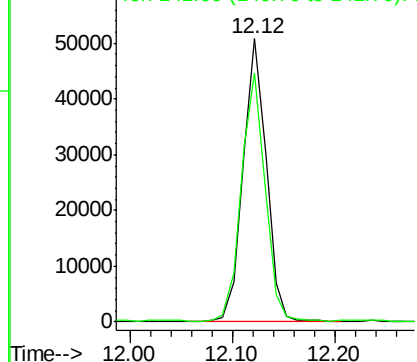
Lab File: BM008254.D

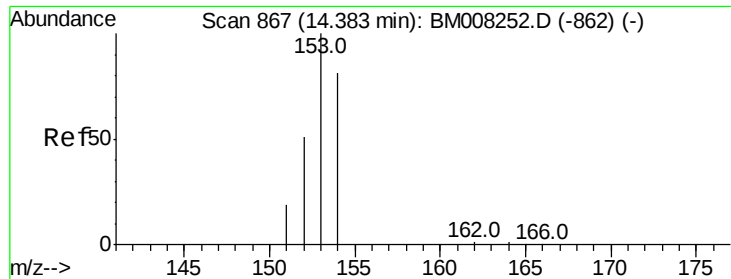
Acq: 11 Dec 2016 04:16

Tgt Ion:	142	Resp:	79426
Ion	Ratio	Lower	Upper
142	100		
141	90.1	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: 0.71 ng/ul

RT: 14.38 min Scan# 867

Delta R.T. -0.00 min

Lab File: BM008254.D

Acq: 11 Dec 2016 04:16

Instrument :

BNA_M

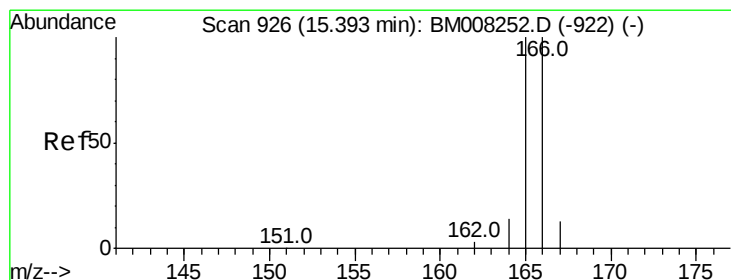
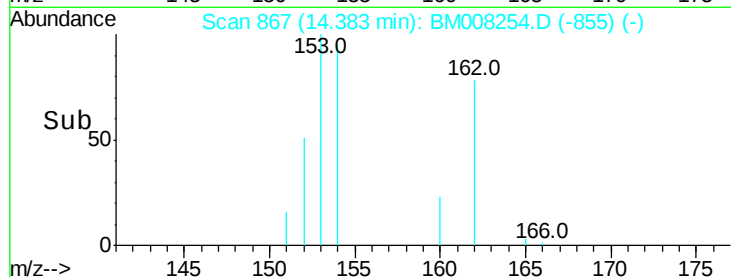
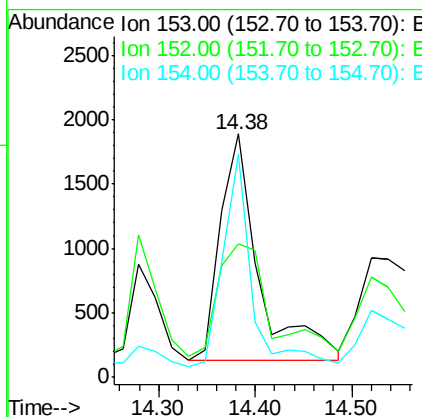
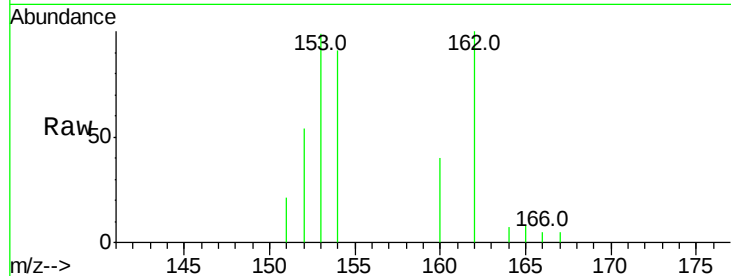
ClientSampleId :

DA7Z8DL

Tot Ion:	153	Resp:	4840
Ion	Ratio	Lower	Upper
153	100		
152	54.8	40.3	60.5
154	91.5	71.4	107.2

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#9

Fluorene

Concen: 1.76 ng/ul

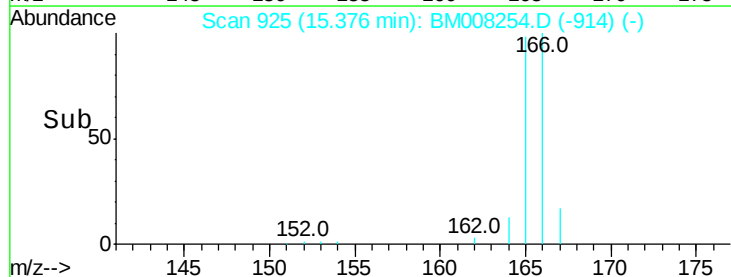
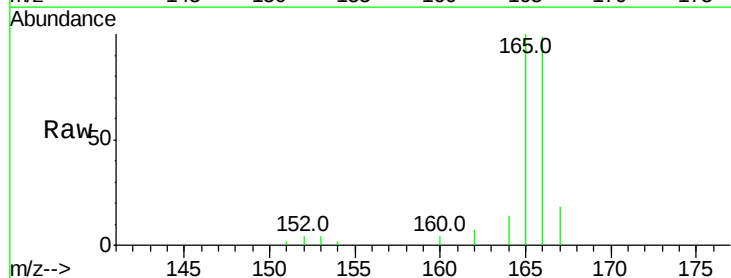
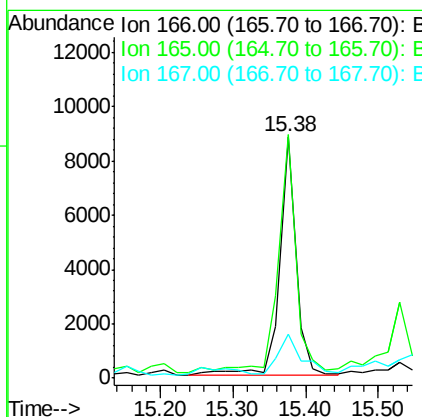
RT: 15.38 min Scan# 925

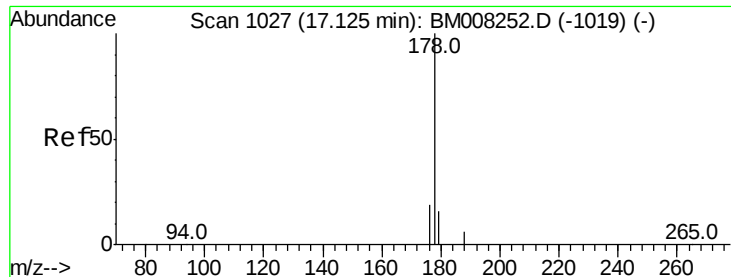
Delta R.T. -0.02 min

Lab File: BM008254.D

Acq: 11 Dec 2016 04:16

Tgt Ion:	166	Resp:	13752
Ion	Ratio	Lower	Upper
166	100		
165	100.8	73.4	110.2
167	18.4	14.6	22.0





#12

Phenanthrene

Concen: 0.95 ng/ul

RT: 17.11 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BM008254.D

Acq: 11 Dec 2016 04:16

Instrument :

BNA_M

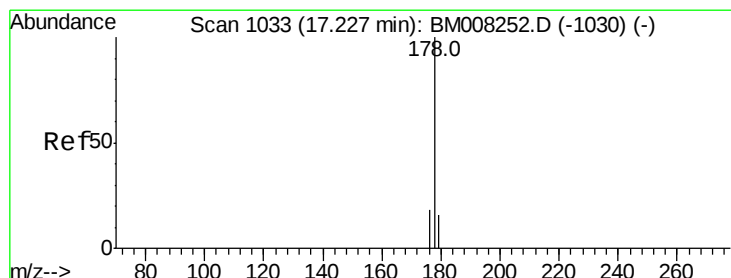
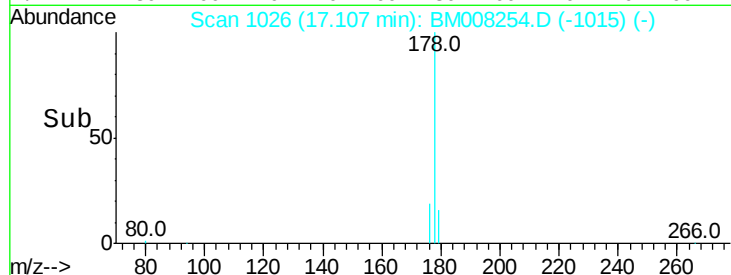
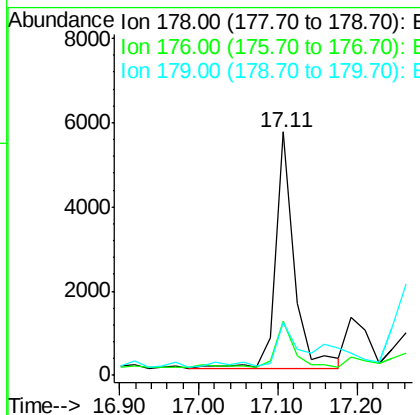
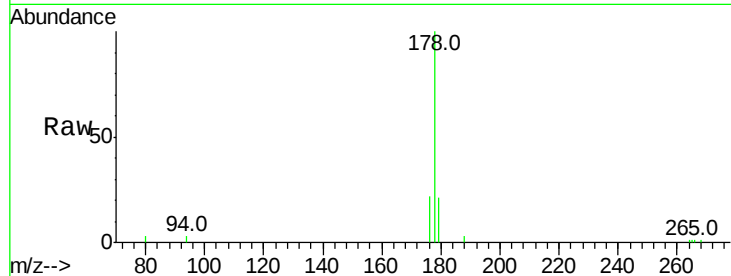
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
178	100		
176	22.5	18.4	27.6
179	21.5	13.6	20.4

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#13

Anthracene

Concen: 0.24 ng/ul m

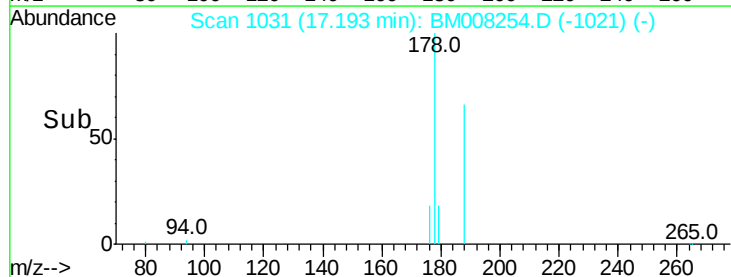
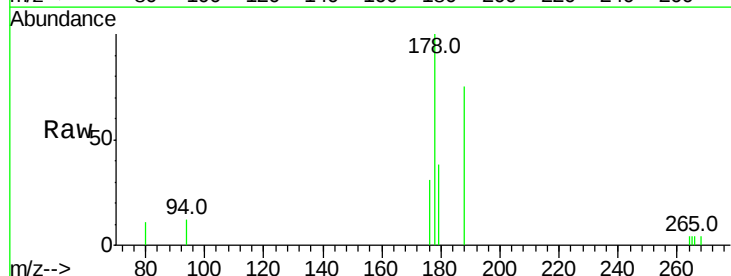
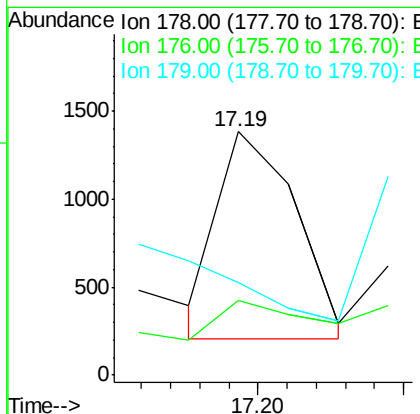
RT: 17.19 min Scan# 1031

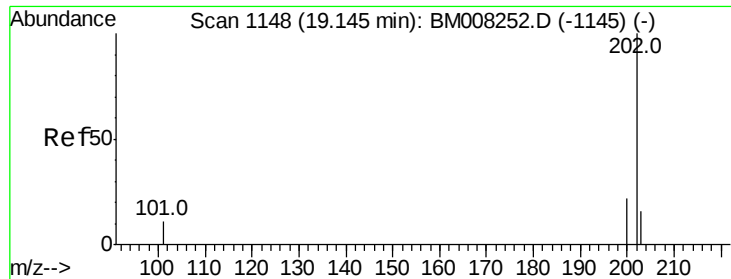
Delta R.T. -0.03 min

Lab File: BM008254.D

Acq: 11 Dec 2016 04:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	30.8	18.1	27.1
179	37.9	14.7	22.1





#15

Fluoranthene

Concen: 0.13 ng/ul m

RT: 19.13 min Scan# 1147

Delta R.T. -0.02 min

Lab File: BM008254.D

Acq: 11 Dec 2016 04:16

Instrument :

BNA_M

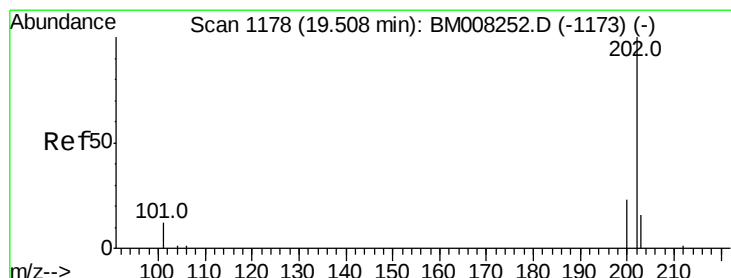
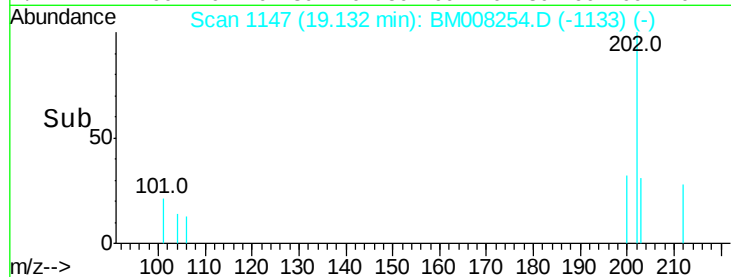
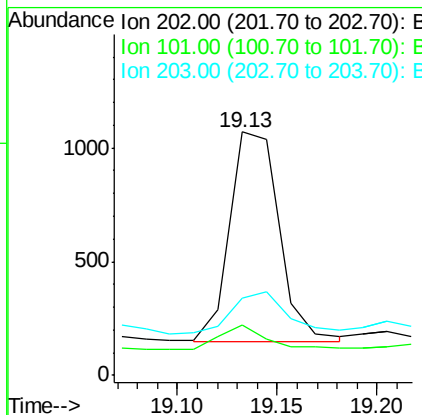
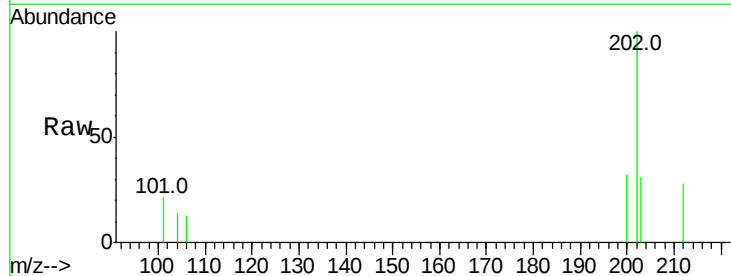
ClientSampleId :

DA7Z8DL

Tot Ion:	202	Resp:	1584
Ion Ratio	Lower	Upper	
202	100		
101	20.9	0.0	30.3
203	31.5	0.0	39.5

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#17

Pyrene

Concen: 0.29 ng/ul

RT: 19.51 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BM008254.D

Acq: 11 Dec 2016 04:16

Tgt Ion:	202	Resp:	2289
Ion Ratio	Lower	Upper	
202	100		
200	26.5	18.2	27.4
203	34.7	15.6	23.4#

