

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121515\
 Data File : BM003567.D
 Acq On : 16 Dec 2015 02:19
 Operator : UM/IZ
 Sample : G4734-16
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4KX7

Manual Integrations
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 12/16/2015 6:39:09 PM

Quant Time: Dec 16 18:17:37 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM121515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 16 05:49:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	5168	0.40	ng/ul	0.00
4) Naphthalene-d8	10.50	136	21515	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.37	164	12533	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.11	188	26698m	0.40	ng/ul	0.00
18) Chrysene-d12	21.30	240	25057	0.40	ng/ul	-0.01
22) Perylene-d12	23.56	264	18096m	0.40	ng/ul	-0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
6) 2-Methylnaphthalene-d10	12.10	152	9041	0.35	ng/ul	0.00
16) Fluoranthene-d10	19.14	212	19502	0.34	ng/ul	0.00
Target Compounds						
5) Naphthalene	10.55	128	6505128	134.21	ng/ul#	96
7) 2-Methylnaphthalene	12.16	142	11345	0.35	ng/ul	99
10) Acenaphthene	14.42	153	5327	0.14	ng/ul	87
11) Fluorene	15.41	166	8333m	0.19	ng/ul	
13) Pentachlorophenol	16.76	266	378	0.10	ng/ul	95
14) Phenanthrene	17.14	178	25541m	0.37	ng/ul	
17) Fluoranthene	19.17	202	4484	0.06	ng/ul	90
21) Chrysene	21.35	228	2118	0.03	ng/ul#	85

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

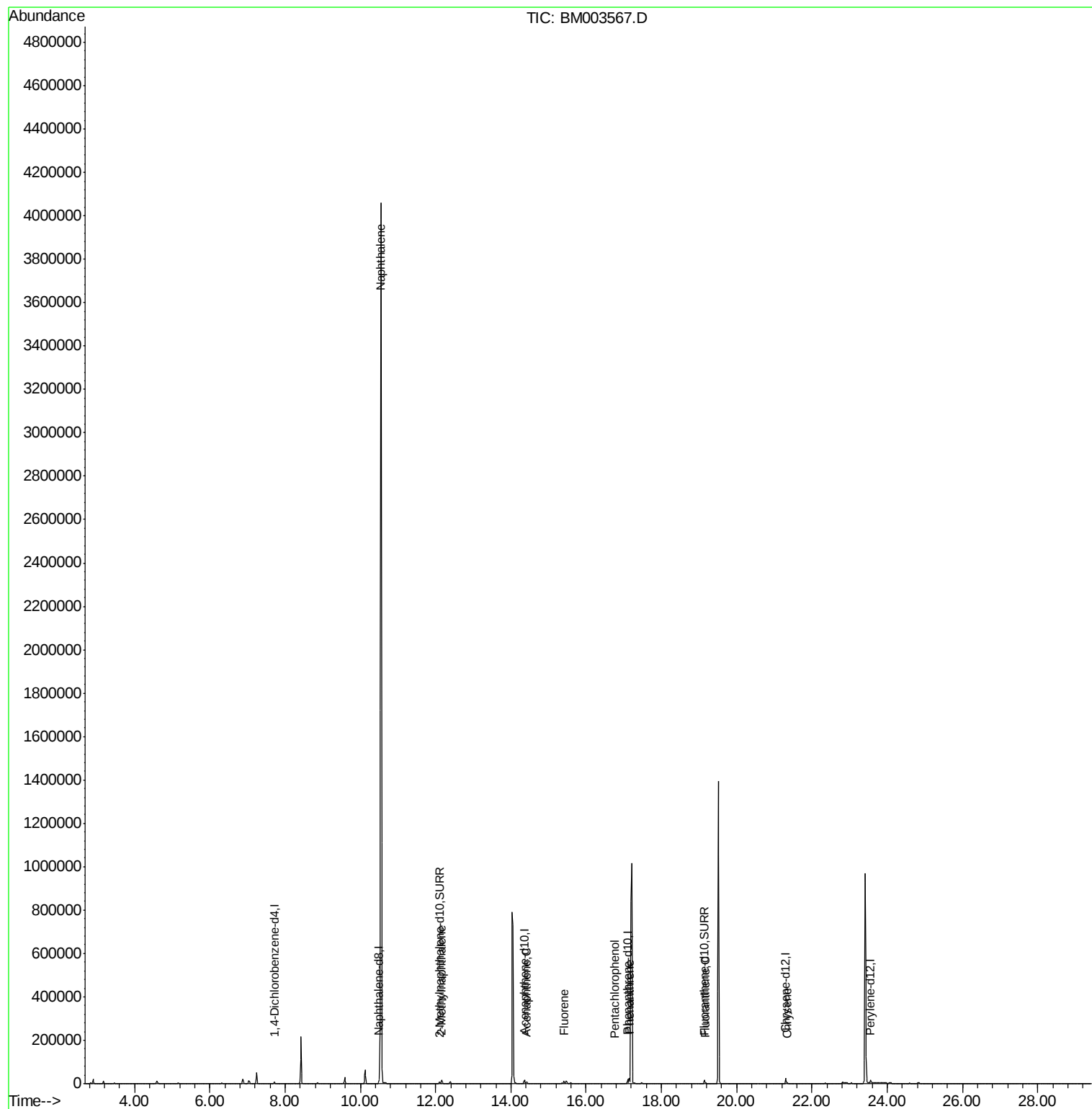
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121515\
Data File : BM003567.D
Acq On : 16 Dec 2015 02:19
Operator : UM/IZ
Sample : G4734-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

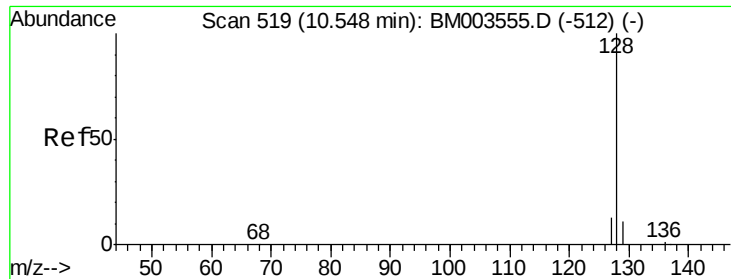
Instrument :
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ClientSampleId :
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QLast Update : Wed Dec 16 05:49:57 2015
Response via : Initial Calibration





#5

Naphthalene

Concen: 134.21 ng/ul

RT: 10.55 min Scan# 519

Delta R.T. 0.00 min

Lab File: BM003567.D

Acq: 16 Dec 2015 02:19

Instrument :

BNA_M

ClientSampleId :

A4KX7

Tot Ion:128 Resp: 6505128

Ion Ratio Lower Upper

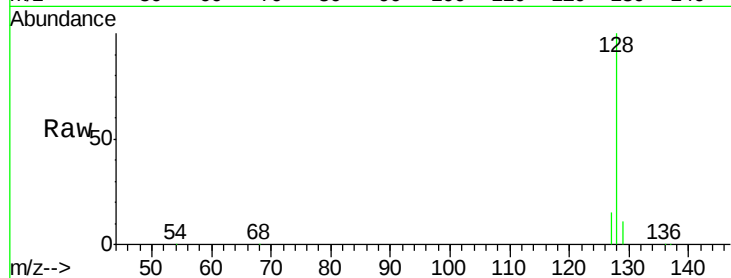
128 100

129 11.1 9.0 13.6

127 14.8 9.6 14.4#

Manual Integrations
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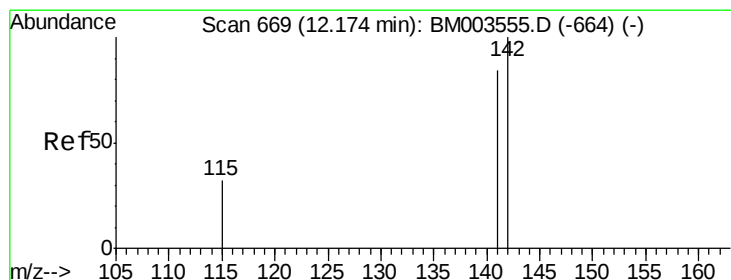
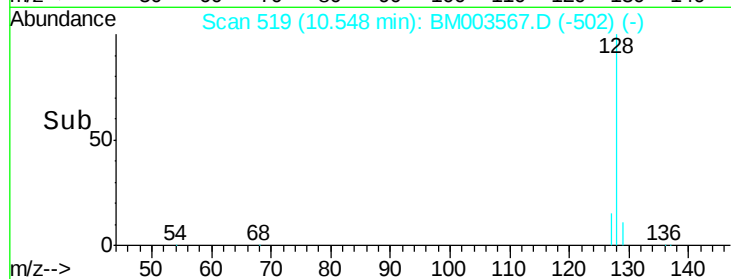
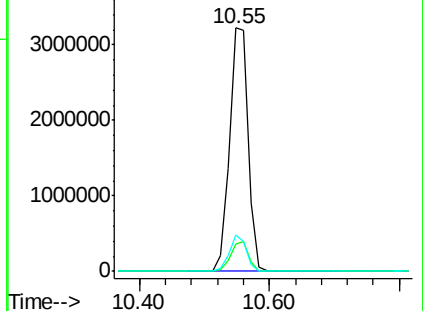
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#7

2-Methylnaphthalene

Concen: 0.35 ng/ul

RT: 12.16 min Scan# 668

Delta R.T. -0.01 min

Lab File: BM003567.D

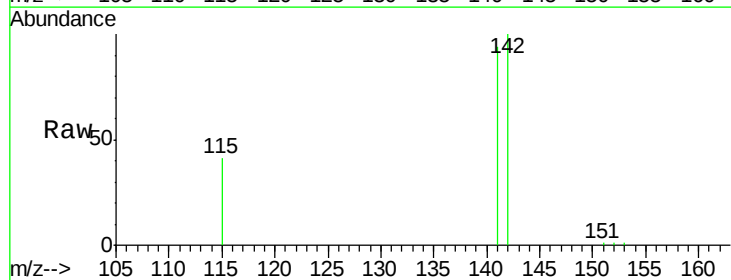
Acq: 16 Dec 2015 02:19

Tgt Ion:142 Resp: 11345

Ion Ratio Lower Upper

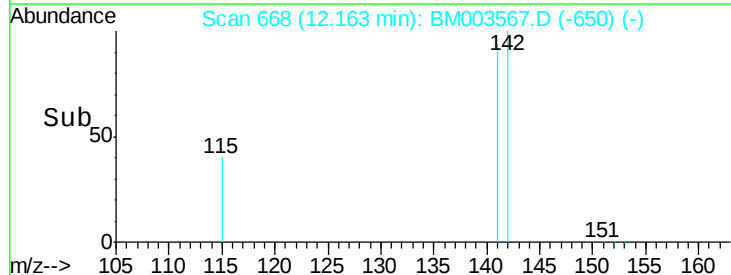
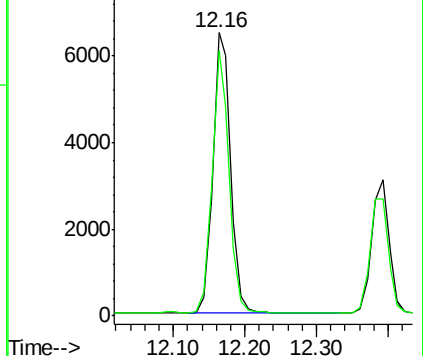
142 100

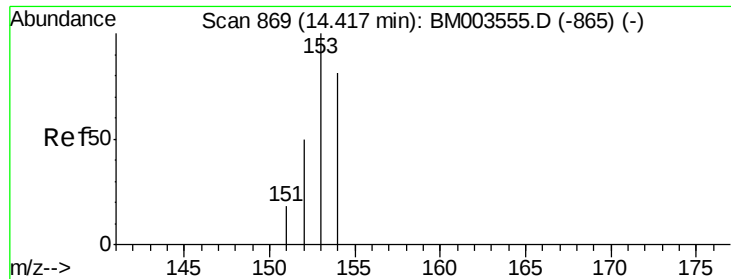
141 88.6 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#10

Acenaphthene

Concen: 0.14 ng/ul

RT: 14.42 min Scan# 869

Delta R.T. 0.00 min

Lab File: BM003567.D

Acq: 16 Dec 2015 02:19

Instrument :

BNA_M

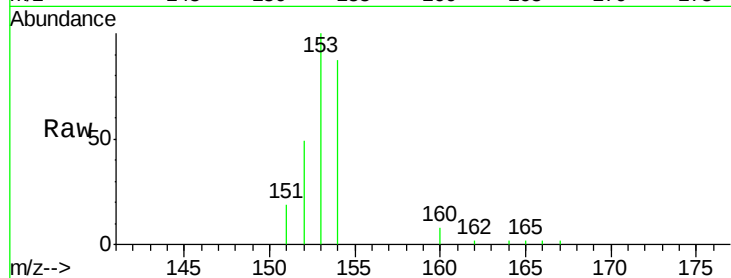
ClientSampleId :

A4KX7

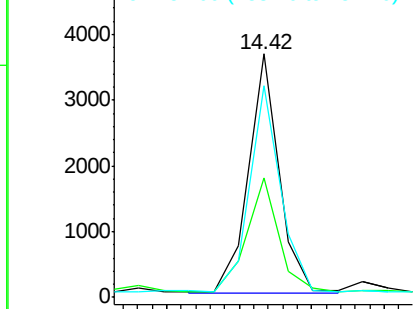
Tot Ion:	153	Resp:	5327
Ion Ratio	Lower	Upper	
153	100		
152	49.3	33.9	50.9
154	86.9	80.6	121.0

Manual Integrations
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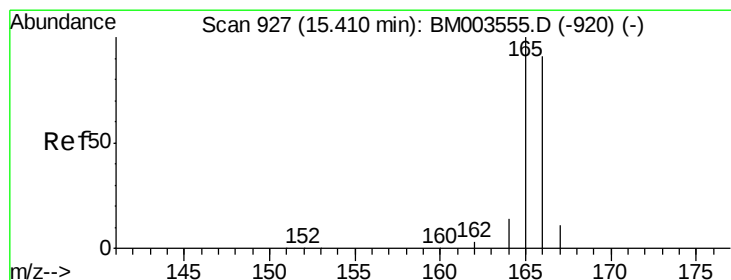
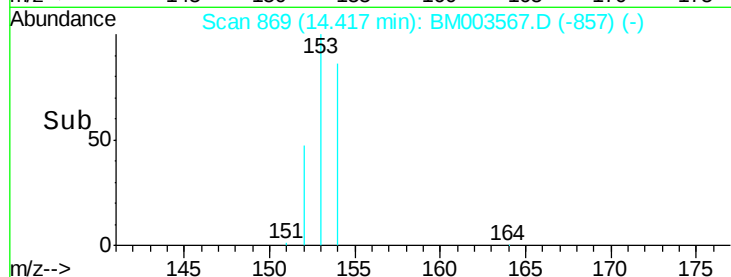
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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



Time-->



#11

Fluorene

Concen: 0.19 ng/ul m

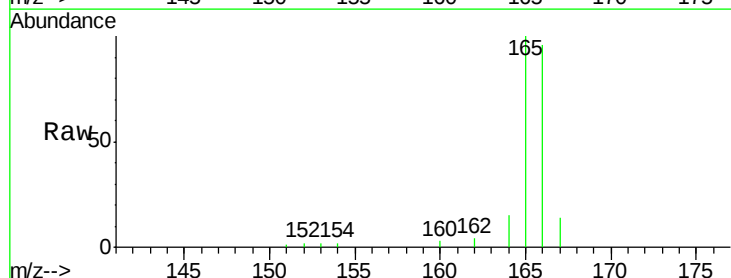
RT: 15.41 min Scan# 927

Delta R.T. 0.00 min

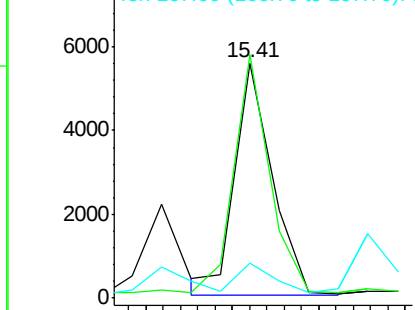
Lab File: BM003567.D

Acq: 16 Dec 2015 02:19

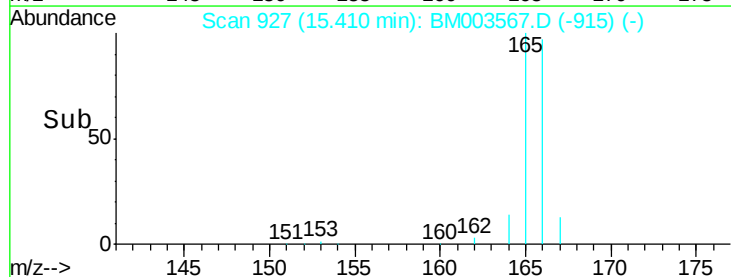
Tgt Ion:	166	Resp:	8333
Ion Ratio	Lower	Upper	
166	100		
165	103.7	69.6	104.4
167	14.9	11.9	17.9

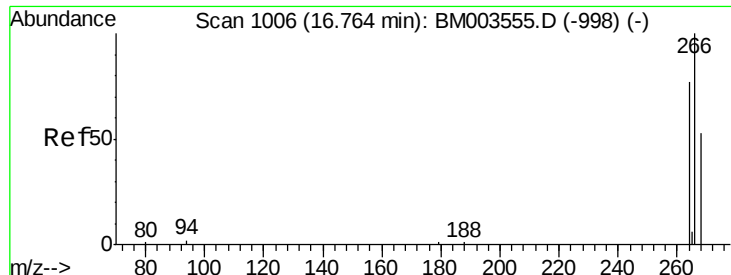


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



Time-->





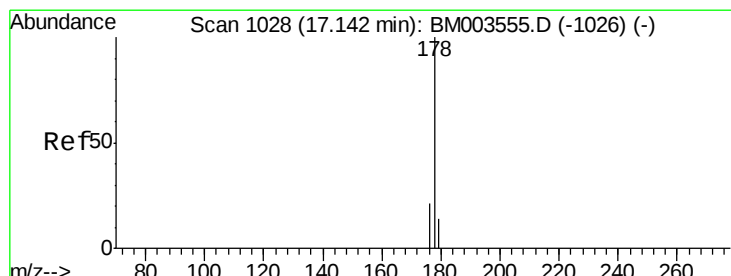
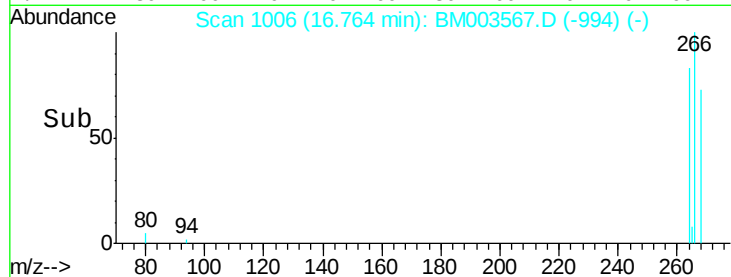
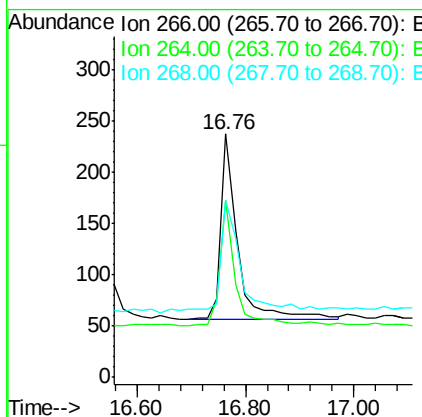
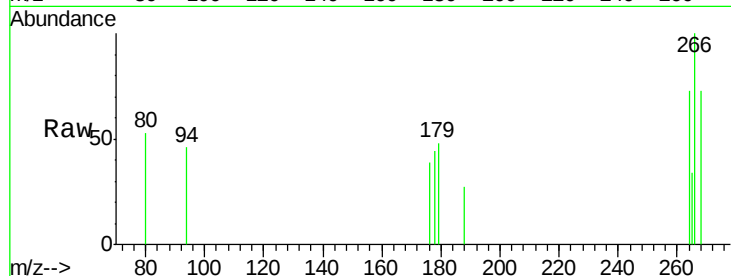
#13
 Pentachlorophenol
 Concen: 0.10 ng/ul
 RT: 16.76 min Scan# 1006
 Delta R.T. 0.00 min
 Lab File: BM003567.D
 Acq: 16 Dec 2015 02:19

Instrument :
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Tot Ion	Ratio	Lower	Upper
266	100		
264	67.2	51.8	77.8
268	64.6	46.8	70.2

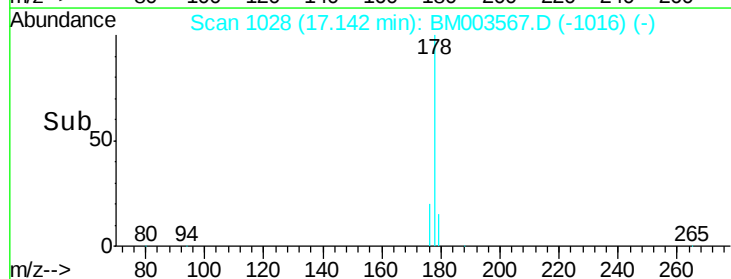
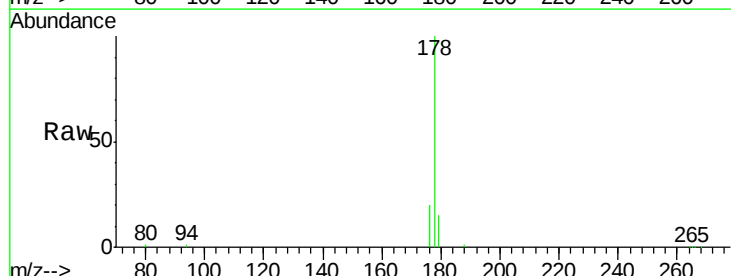
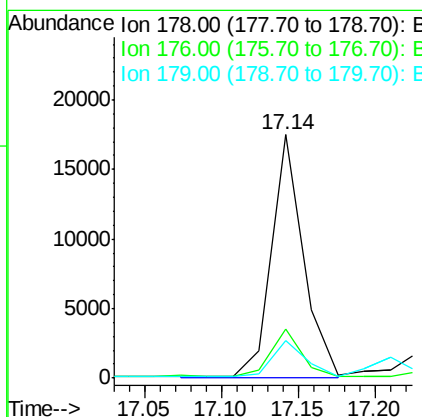
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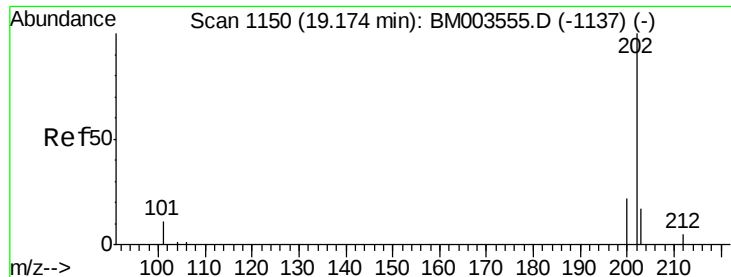
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#14
 Phenanthrene
 Concen: 0.37 ng/ul m
 RT: 17.14 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BM003567.D
 Acq: 16 Dec 2015 02:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	13.0	19.4#
179	15.3	14.2	21.2





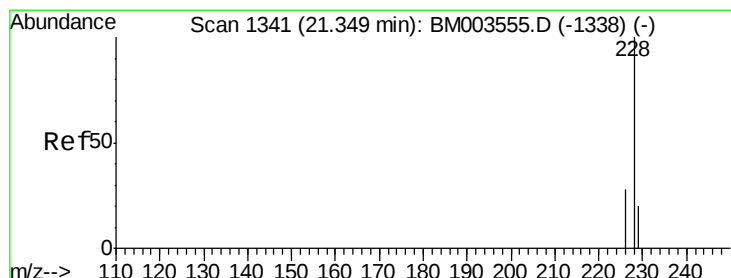
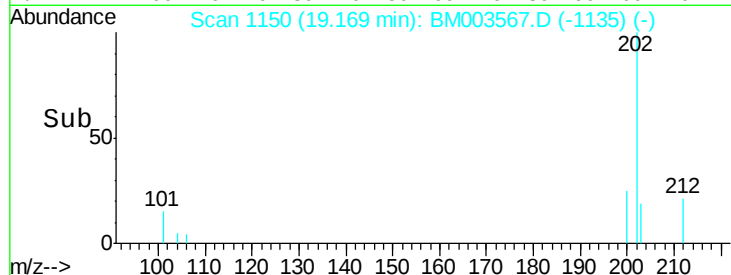
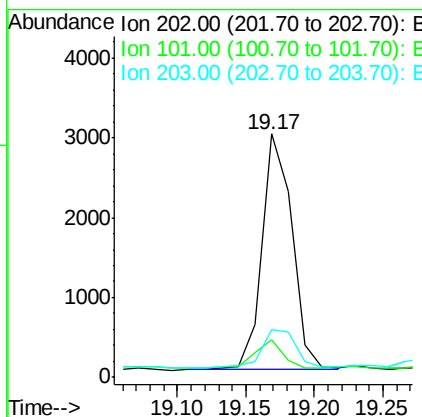
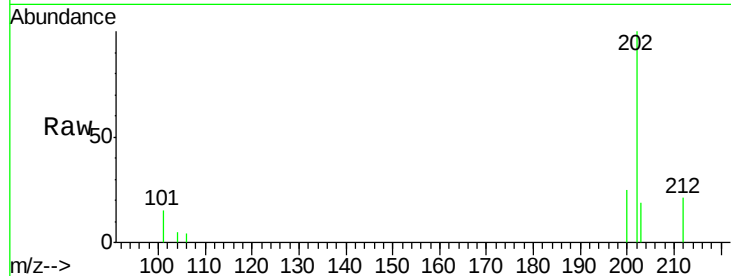
#17
Fluoranthene
 Concen: 0.06 ng/ul
 RT: 19.17 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BM003567.D
 Acq: 16 Dec 2015 02:19

Instrument :
 BNA_M
 ClientSampleId :
 A4KX7

Tot Ion	Ratio	Resp	Lower	Upper
202	100	4484		
101	15.4		0.0	29.6
203	19.4		0.0	36.3

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#21
Chrysene
 Concen: 0.03 ng/ul
 RT: 21.35 min Scan# 1341
 Delta R.T. -0.00 min
 Lab File: BM003567.D
 Acq: 16 Dec 2015 02:19

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	2118		
226	33.2		21.2	31.8#
229	29.4		17.0	25.6#

