

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092815\
 Data File : BM002746.D
 Acq On : 28 Sep 2015 22:43
 Operator : UM/IZ
 Sample : G3798-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9G62

Manual Integrations
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 9/29/2015 3:43:48 PM

Quant Time: Sep 29 03:19:08 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM092415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 29 02:52:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	8731	0.40	ng/ul	0.00
4) Naphthalene-d8	11.60	136	34157	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.33	164	18280	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.03	188	38226	0.40	ng/ul	0.00
18) Chrysene-d12	22.13	240	37394	0.40	ng/ul	0.00
22) Perylene-d12	24.73	264	35802	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.80	96	36271	4.02	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.13	152	12220	0.24	ng/ul	0.00
16) Fluoranthene-d10	20.01	212	19011	0.20	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	11.65	128	3754	0.04	ng/ul#	92
7) 2-Methylnaphthalene	13.20	142	3604	0.06	ng/ul	98
9) Acenaphthylene	15.06	152	13217	0.14	ng/ul	98
10) Acenaphthene	15.38	153	1662	0.02	ng/ul#	91
11) Fluorene	16.36	166	2719	0.03	ng/ul#	95
13) Pentachlorophenol	17.69	266	347	0.05	ng/ul	91
14) Phenanthrene	18.08	178	19103	0.15	ng/ul	98
15) Anthracene	18.17	178	5996m	0.05	ng/ul	
17) Fluoranthene	20.03	202	56947	0.42	ng/ul	99
19) Pyrene	20.40	202	48685	0.33	ng/ul	94
20) Benzo(a)anthracene	22.11	228	24125	0.19	ng/ul#	89
21) Chrysene	22.16	228	29177	0.24	ng/ul#	87
23) Benzo(b)fluoranthene	23.93	252	48225m	0.37	ng/ul	
24) Benzo(k)fluoranthene	23.97	252	13380m	0.11	ng/ul	
25) Benzo(a)pyrene	24.62	252	27441	0.23	ng/ul#	77
26) Indeno(1,2,3-cd)pyrene	27.47	276	23458	0.18	ng/ul	96
28) Benzo(g,h,i)perylene	28.33	276	24228	0.22	ng/ul#	83

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

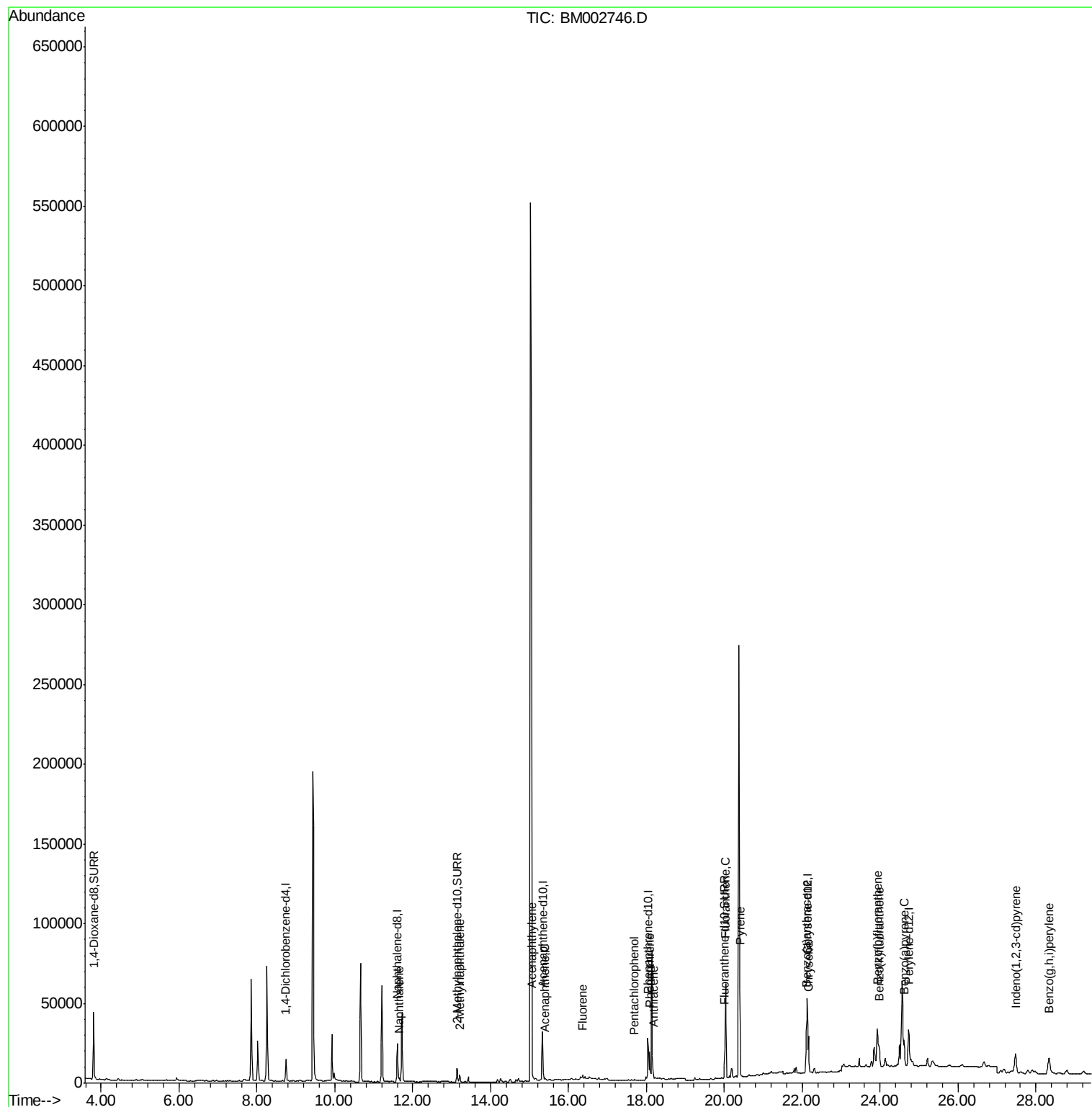
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092815\
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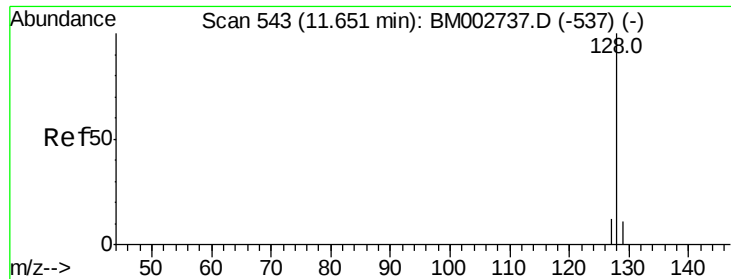
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#5

Naphthalene

Concen: 0.04 ng/ul

RT: 11.65 min Scan# 543

Delta R.T. 0.00 min

Lab File: BM002746.D

Acq: 28 Sep 2015 22:43

Instrument :

BNA_M

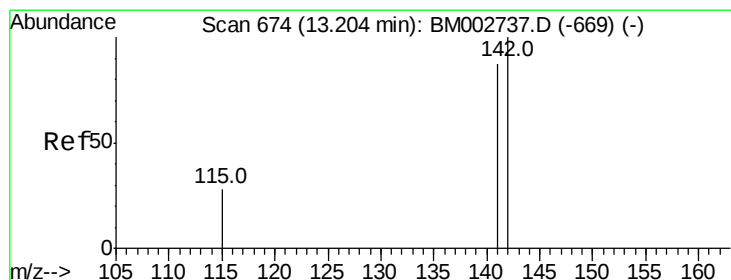
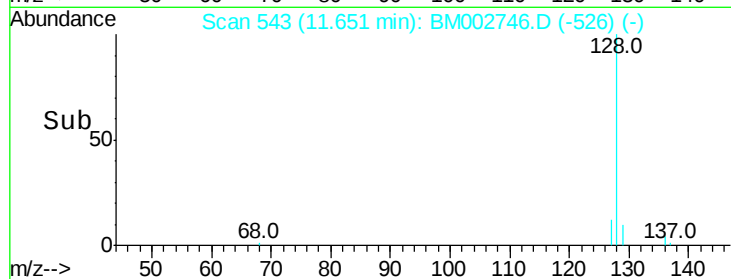
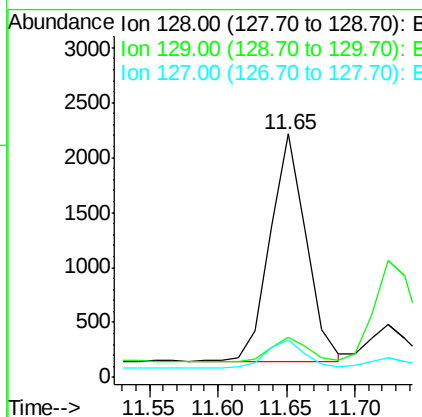
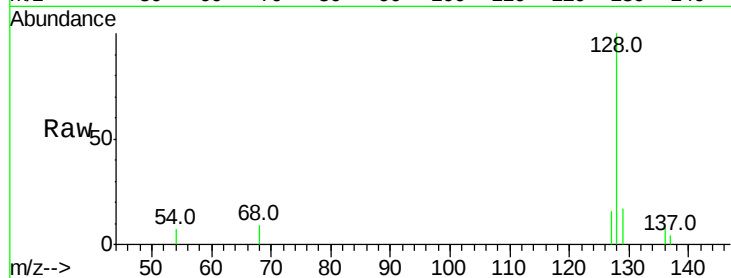
ClientSampleId :

D9G62

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Tot Ion:128	Resp:	3754
Ion Ratio	Lower	Upper
128 100		
129 16.7	9.8	14.8#
127 15.6	10.7	16.1



#7

2-Methylnaphthalene

Concen: 0.06 ng/ul

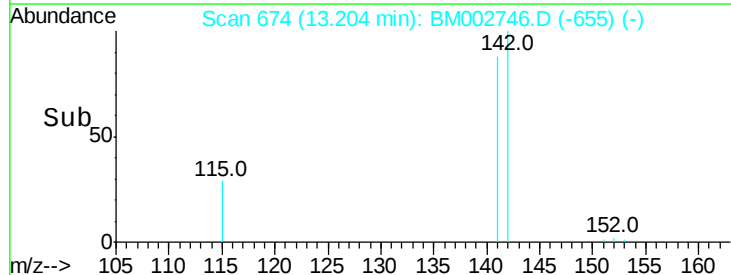
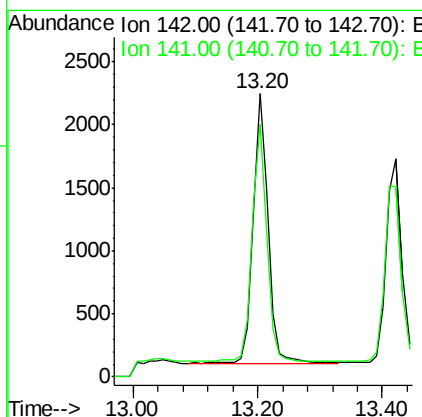
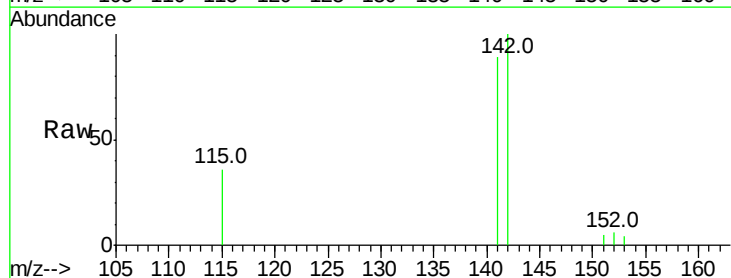
RT: 13.20 min Scan# 674

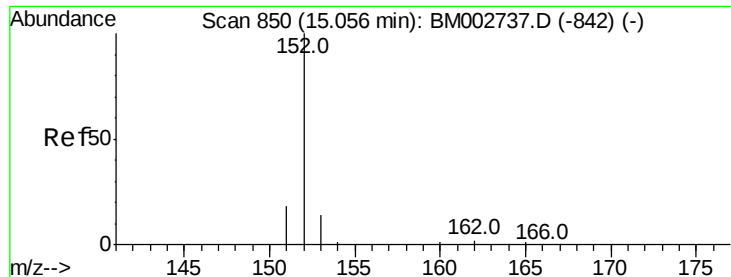
Delta R.T. 0.00 min

Lab File: BM002746.D

Acq: 28 Sep 2015 22:43

Tgt Ion:142	Resp:	3604
Ion Ratio	Lower	Upper
142 100		
141 86.4	70.3	105.5





#9

Acenaphthylene

Concen: 0.14 ng/ul

RT: 15.06 min Scan# 850

Delta R.T. 0.00 min

Lab File: BM002746.D

Acq: 28 Sep 2015 22:43

Instrument :

BNA_M

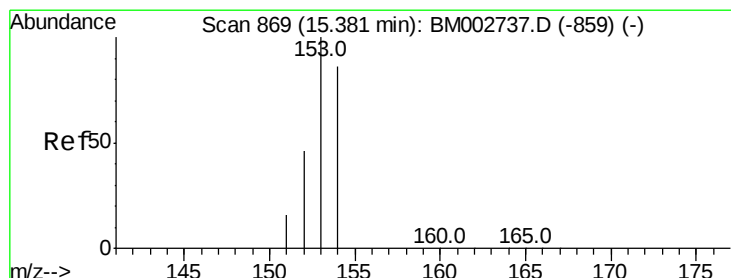
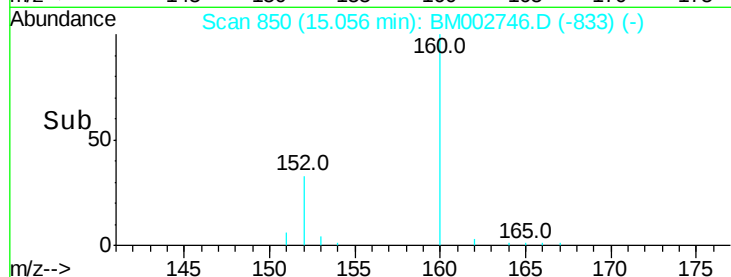
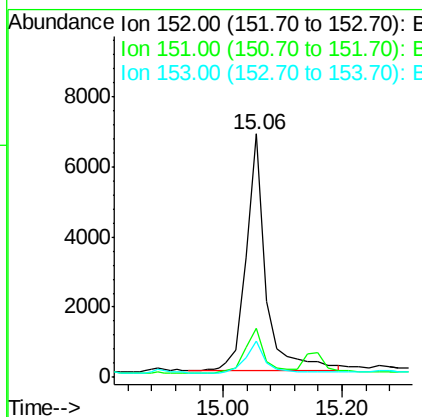
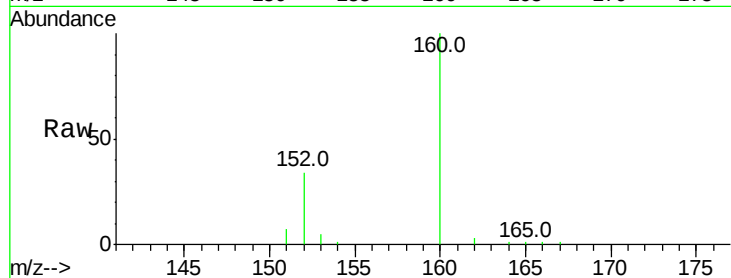
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.8	25.2
153	14.8	11.3	16.9



#10

Acenaphthene

Concen: 0.02 ng/ul

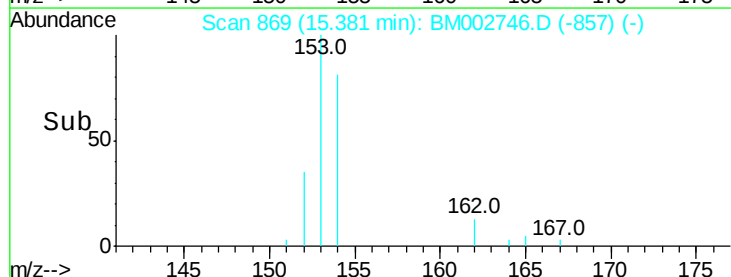
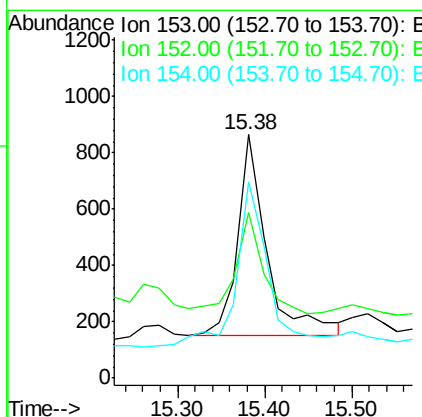
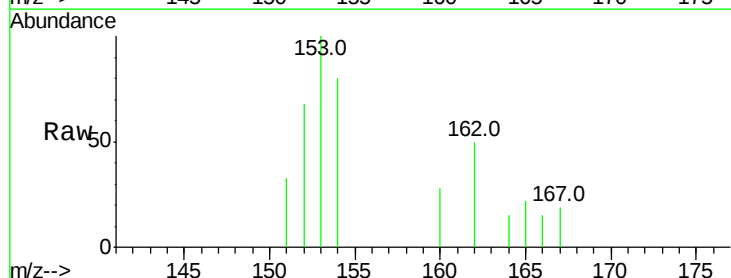
RT: 15.38 min Scan# 869

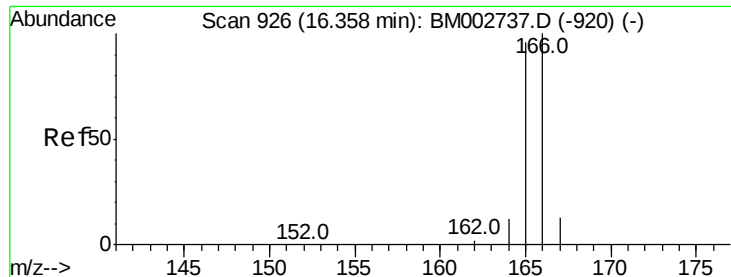
Delta R.T. 0.00 min

Lab File: BM002746.D

Acq: 28 Sep 2015 22:43

Tgt Ion	Ratio	Lower	Upper
153	100		
152	68.2	42.3	63.5#
154	80.5	64.7	97.1





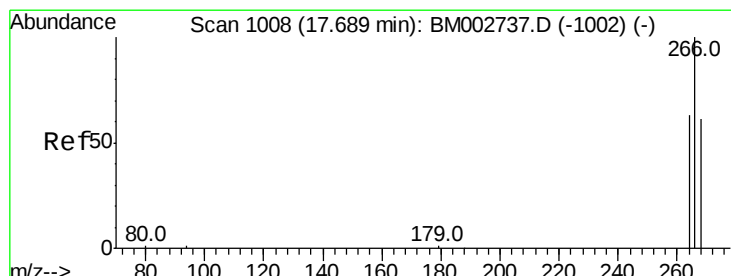
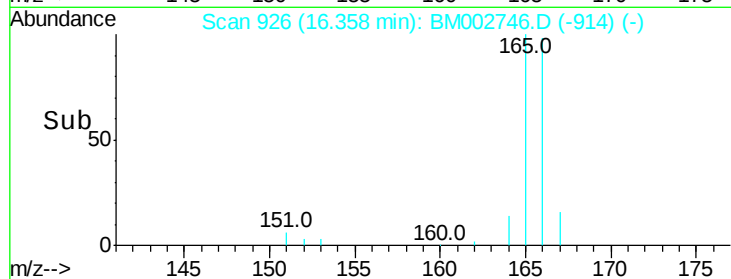
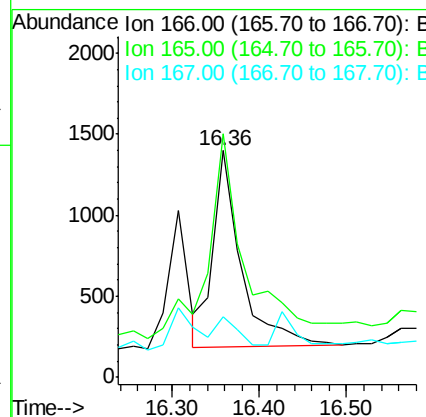
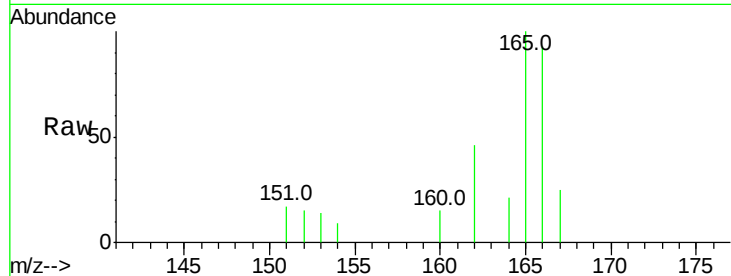
#11
Fluorene
 Concen: 0.03 ng/ul
 RT: 16.36 min Scan# 926
 Delta R.T. 0.00 min
 Lab File: BM002746.D
 Acq: 28 Sep 2015 22:43

Instrument :
 BNA_M
 ClientSampleId :
 D9G62

Tot Ion	Ratio	Lower	Upper
166	100		
165	107.4	87.6	131.4
167	26.9	11.1	16.7

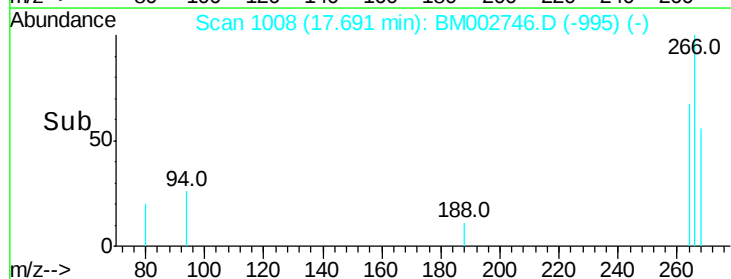
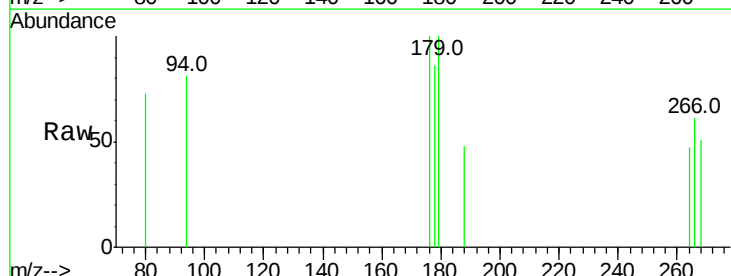
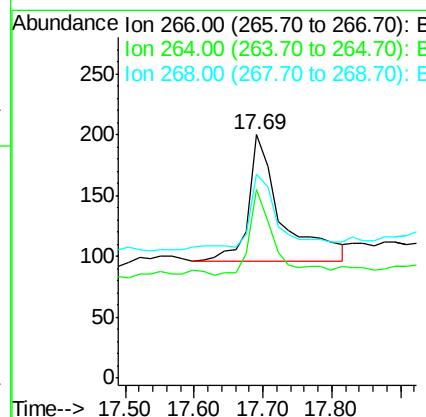
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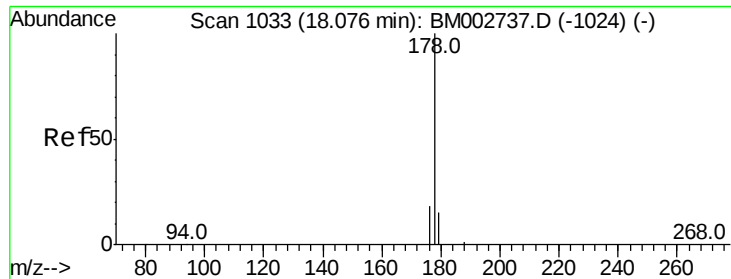
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#13
Pentachlorophenol
 Concen: 0.05 ng/ul
 RT: 17.69 min Scan# 1008
 Delta R.T. 0.00 min
 Lab File: BM002746.D
 Acq: 28 Sep 2015 22:43

Tgt Ion	Ratio	Lower	Upper
266	100		
264	56.5	53.5	80.3
268	63.4	54.2	81.2





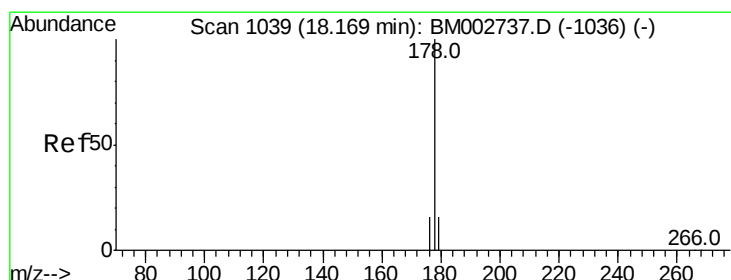
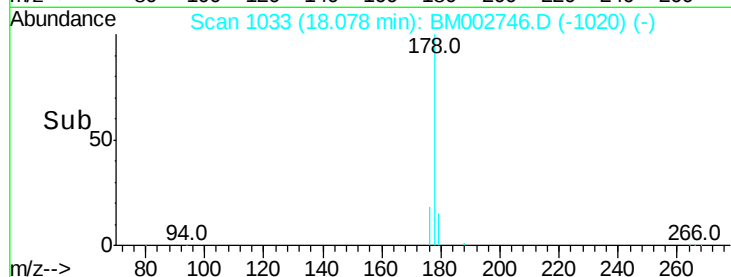
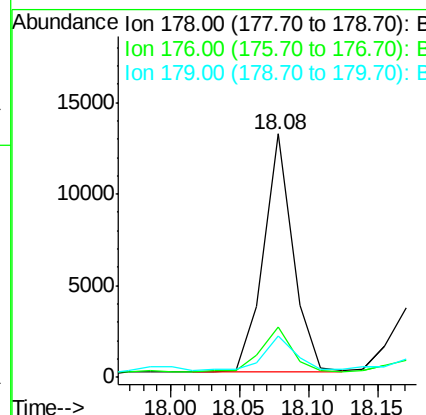
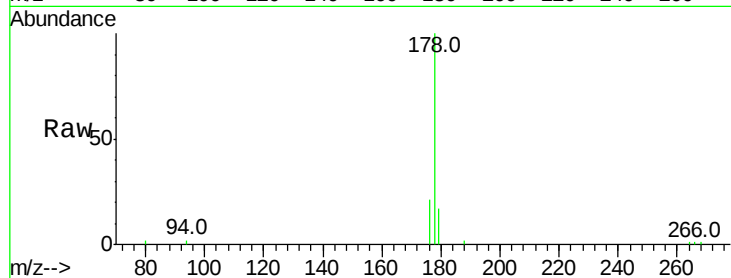
#14
Phenanthrene
Concen: 0.15 ng/ul
RT: 18.08 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BM002746.D
Acq: 28 Sep 2015 22:43

Instrument :
BNA_M
ClientSampleId :
D9G62

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.2	24.4
179	17.3	12.8	19.2

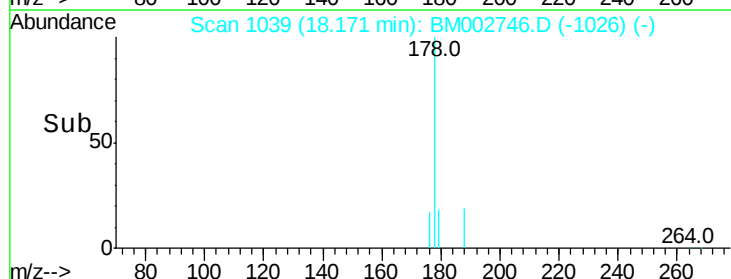
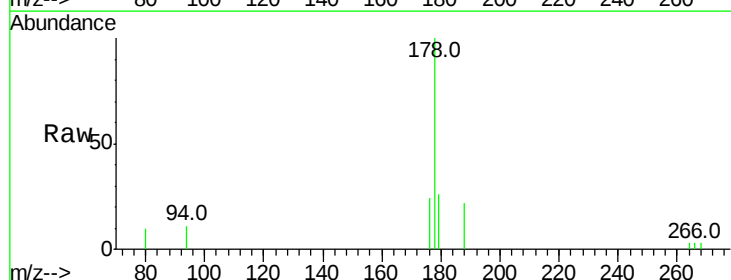
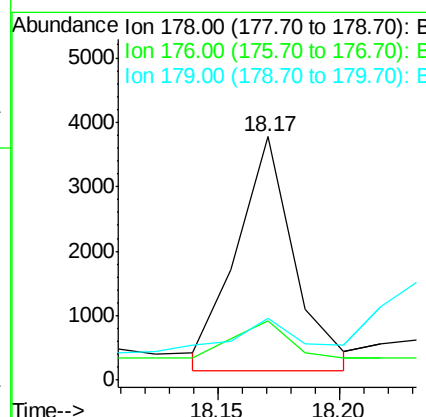
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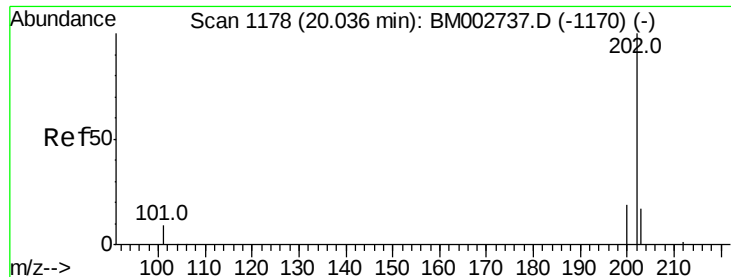
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#15
Anthracene
Concen: 0.05 ng/ul m
RT: 18.17 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BM002746.D
Acq: 28 Sep 2015 22:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	24.3	15.8	23.8#
179	25.6	13.3	19.9#





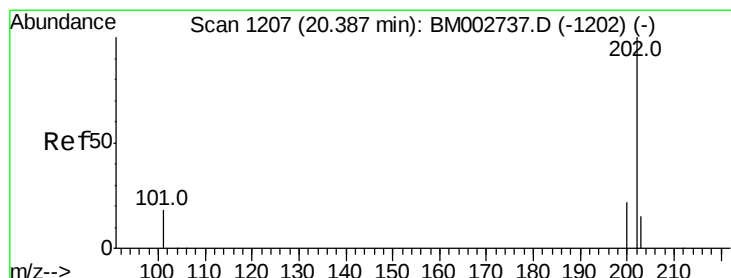
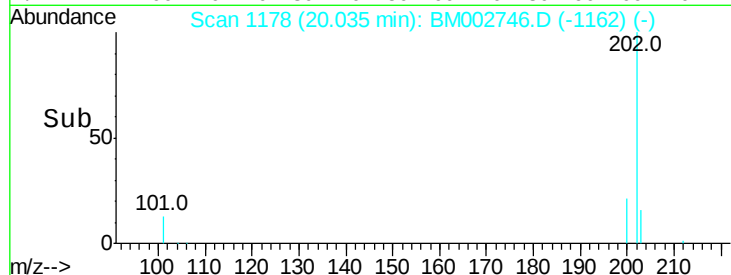
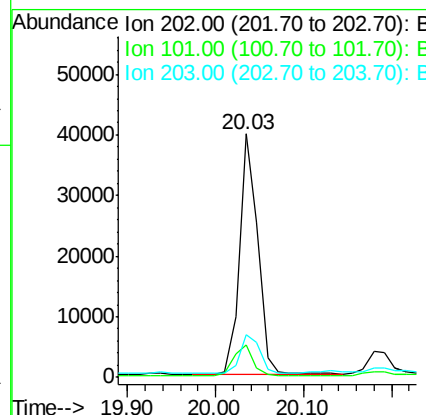
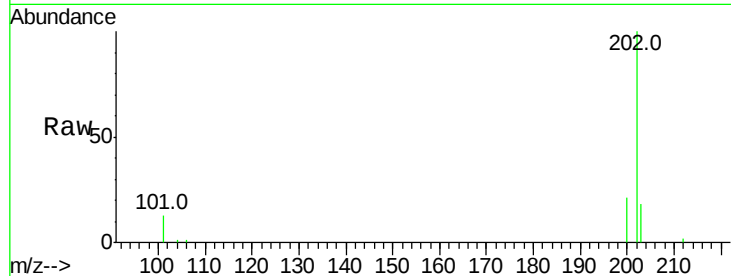
#17
Fluoranthene
Concen: 0.42 ng/ul
RT: 20.03 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BM002746.D
Acq: 28 Sep 2015 22:43

Instrument :
BNA_M
ClientSampleId :
D9G62

Tot Ion	Ratio	Resp	Lower	Upper
202	100	56947		
101	13.4		0.0	33.1
203	17.7		0.0	37.2

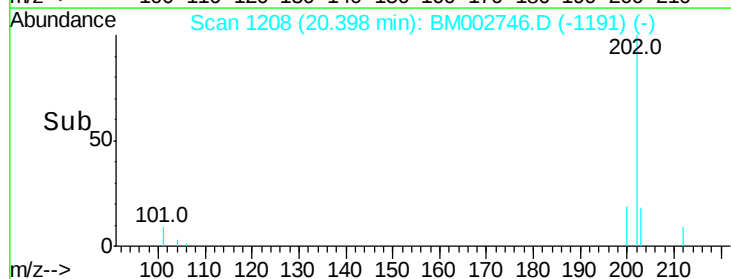
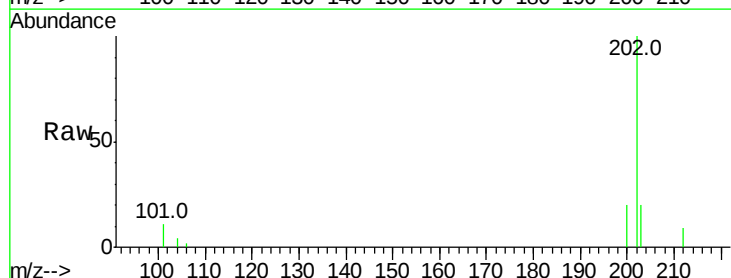
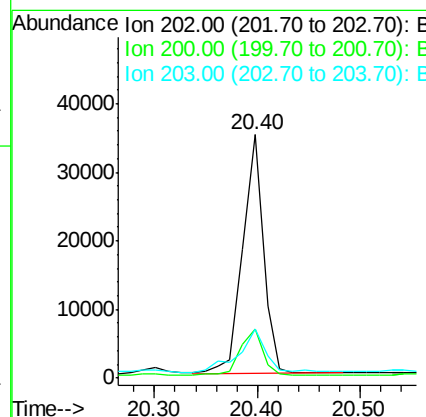
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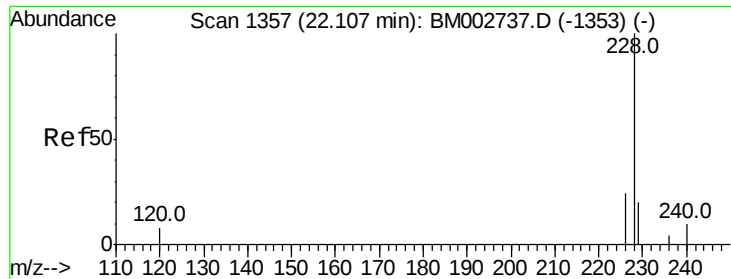
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#19
Pyrene
Concen: 0.33 ng/ul
RT: 20.40 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BM002746.D
Acq: 28 Sep 2015 22:43

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	48685		
200	20.1		18.0	27.0
203	20.2		13.8	20.6





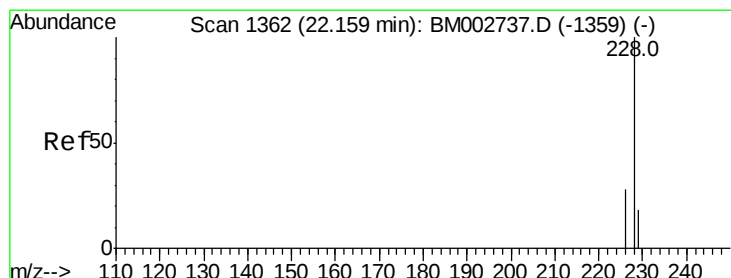
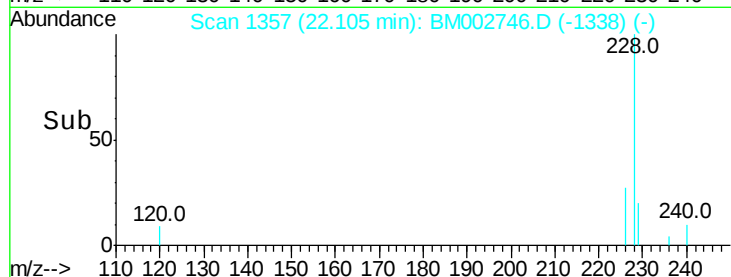
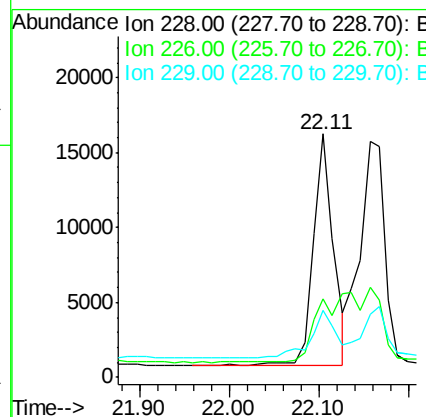
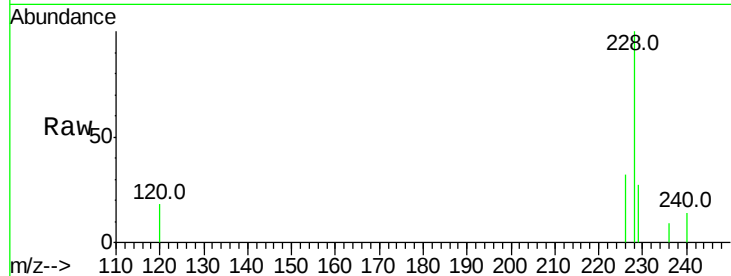
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Benzo(a)anthracene
Concen: 0.19 ng/ul
RT: 22.11 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BM002746.D
Acq: 28 Sep 2015 22:43

Instrument :
BNA_M
ClientSampleId :
D9G62

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.1	23.0	34.4
229	27.4	15.2	22.8#

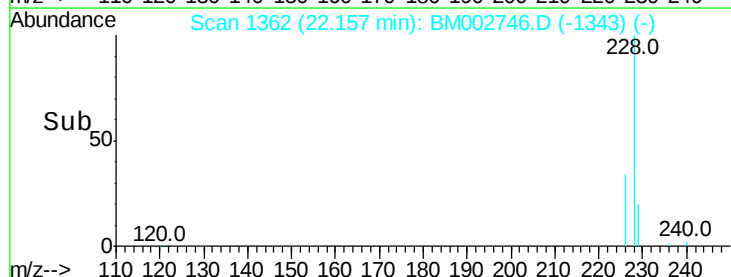
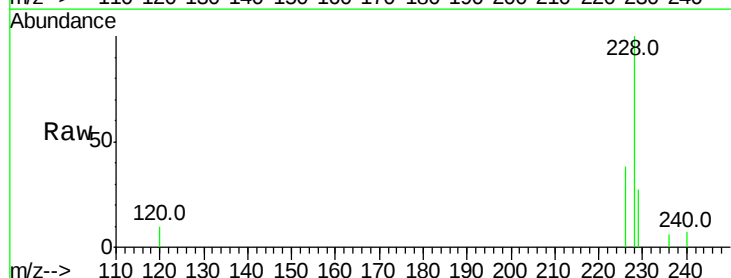
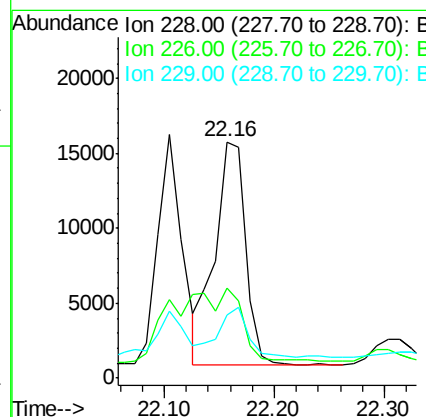
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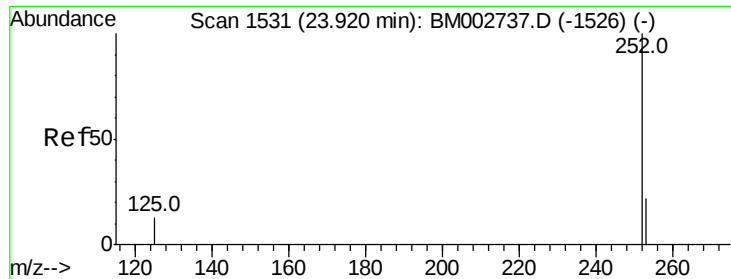
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#21
Chrysene
Concen: 0.24 ng/ul
RT: 22.16 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BM002746.D
Acq: 28 Sep 2015 22:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	38.3	25.7	38.5
229	26.8	15.2	22.8#





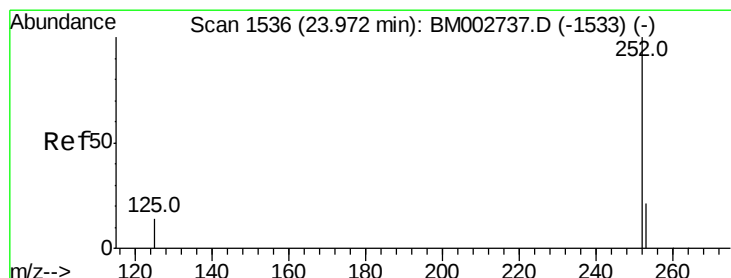
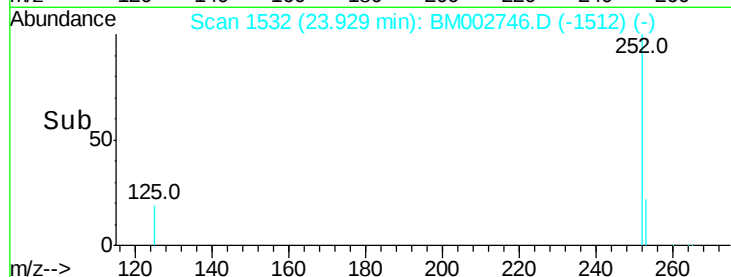
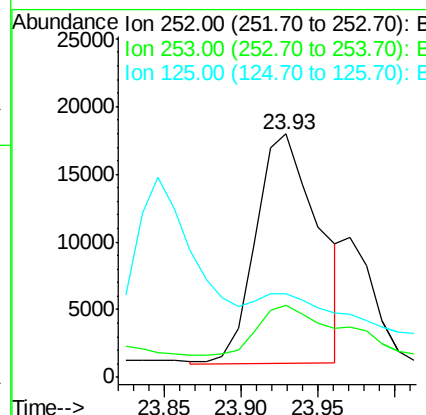
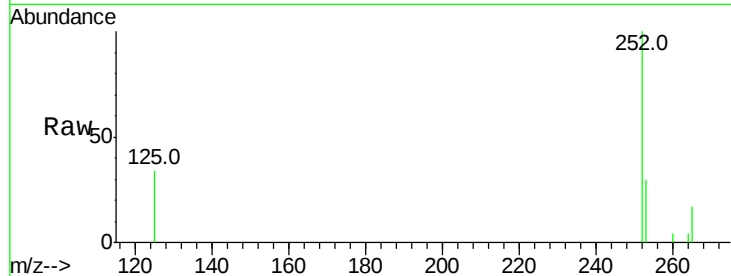
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Benzo(b)fluoranthene
Concen: 0.37 ng/ul m
RT: 23.93 min Scan# 1532
Delta R.T. 0.01 min
Lab File: BM002746.D
Acq: 28 Sep 2015 22:43

Instrument :
BNA_M
ClientSampleId :
D9G62

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	29.8	0.0	48.0
125	34.3	0.0	36.6

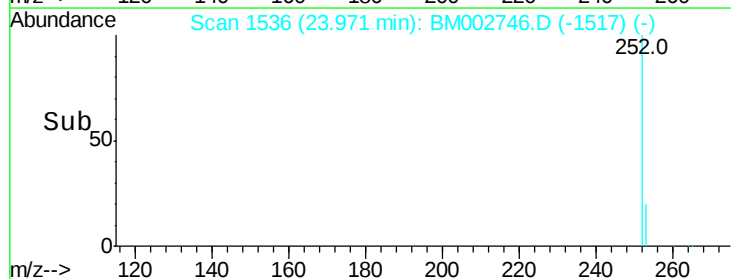
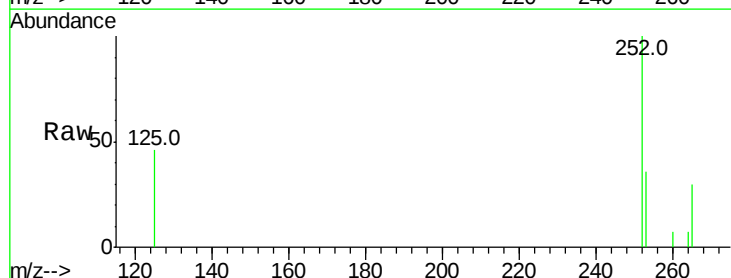
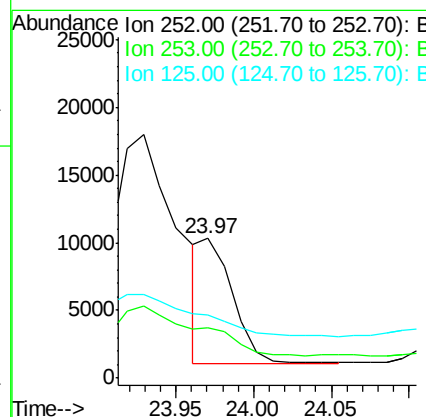
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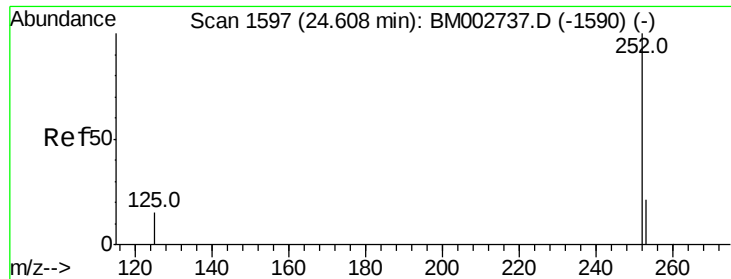
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#24
Benzo(k)fluoranthene
Concen: 0.11 ng/ul m
RT: 23.97 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BM002746.D
Acq: 28 Sep 2015 22:43

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	35.9	20.8	31.2#
125	45.6	12.2	18.4#





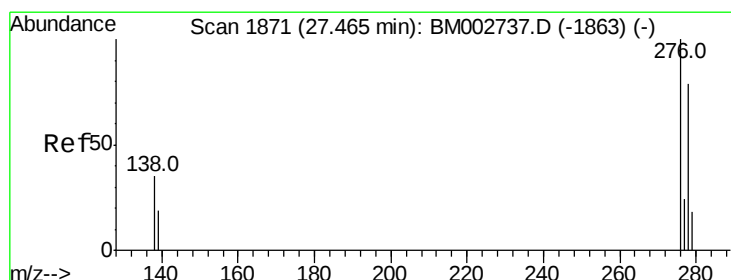
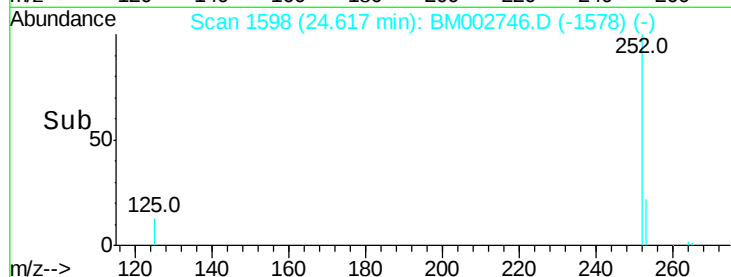
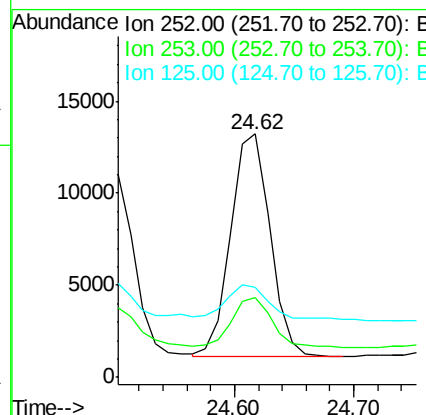
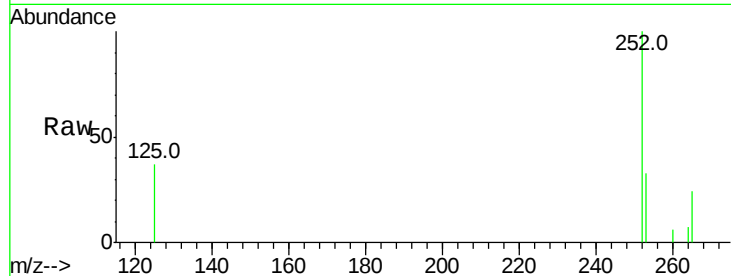
#25
Benzo(a)pyrene
Concen: 0.23 ng/ul
RT: 24.62 min Scan# 1598
Delta R.T. 0.01 min
Lab File: BM002746.D
Acq: 28 Sep 2015 22:43

Instrument :
BNA_M
ClientSampleId :
D9G62

Tot Ion	Ratio	Lower	Upper
252	100		
253	32.9	21.8	32.8#
125	37.1	14.5	21.7#

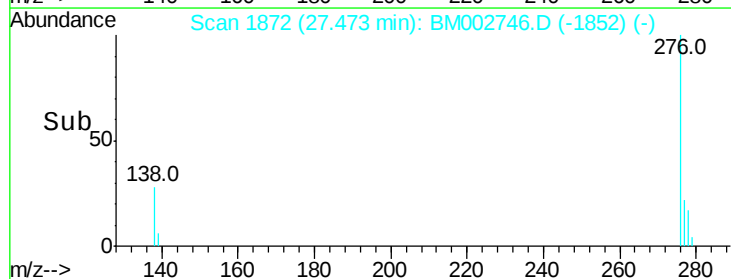
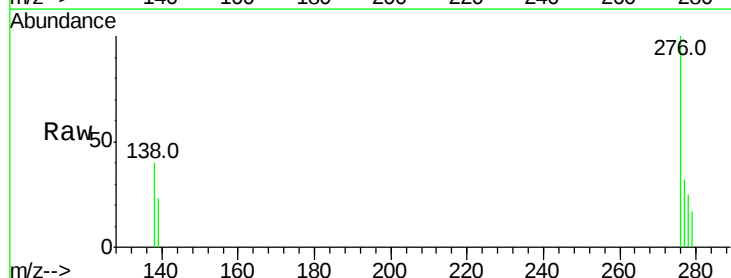
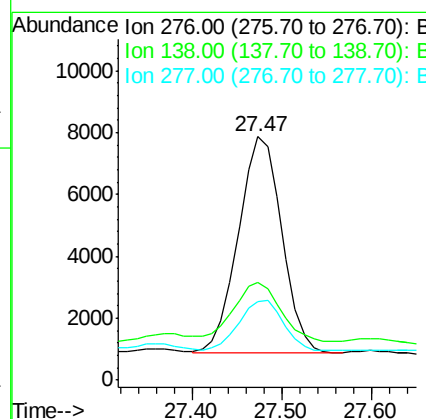
Manual Integrations
APPROVED

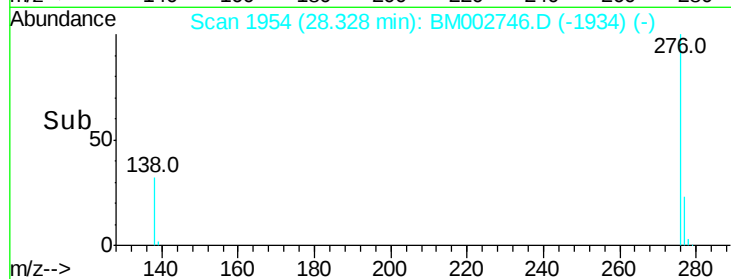
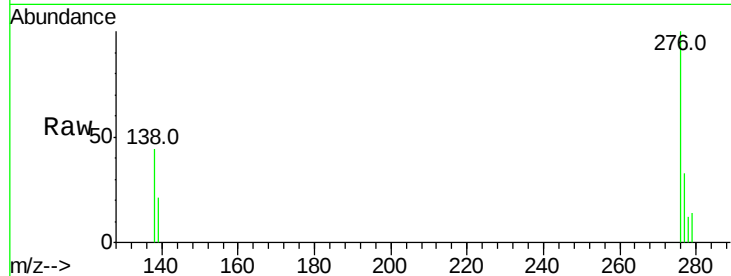
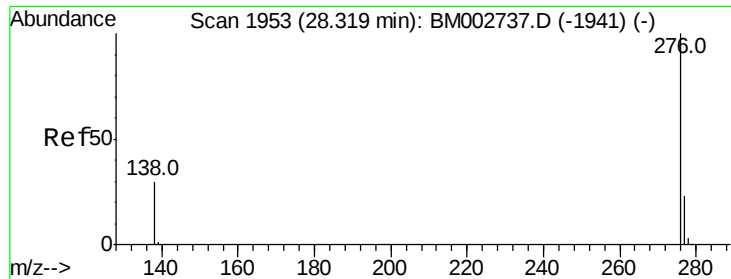
MMDadoda
9/29/2015 3:43:48 PM



#26
Indeno(1,2,3-cd)pyrene
Concen: 0.18 ng/ul
RT: 27.47 min Scan# 1872
Delta R.T. 0.01 min
Lab File: BM002746.D
Acq: 28 Sep 2015 22:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.1	27.5	41.3
277	24.0	19.3	28.9





#28

Benzo(a,h,i)perylene

Concen: 0.22 ng/ul

RT: 28.33 min Scan# 1954

Delta R.T. 0.01 min

Lab File: BM002746.D

Acq: 28 Sep 2015 22:43

Instrument :

BNA_M

ClientSampleId :

D9G62

Tot Ion: 276 Resp: 24228

Ion Ratio Lower Upper

276 100

277 33.5 21.3 31.9#

138 43.5 25.5 38.3#

Manual Integrations
APPROVED

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