

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092815\
 Data File : BM002741.D
 Acq On : 28 Sep 2015 19:41
 Operator : UM/IZ
 Sample : G3798-22
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9G74

Manual Integrations
 APPROVED

MMDadoda
 9/29/2015 3:43:19 PM

Quant Time: Sep 29 07:28:12 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	8.75	152	9301	0.40	ng/ul	0.02
4) Naphthalene-d8	11.60	136	36201	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.33	164	19963	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.05	188	41006	0.40	ng/ul	0.02
18) Chrysene-d12	22.14	240	52990	0.40	ng/ul	0.00
22) Perylene-d12	24.74	264	53872	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.80	96	20276	2.11	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.13	152	5217m	0.10	ng/ul	0.00
16) Fluoranthene-d10	20.01	212	7778	0.08	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	11.65	128	73776	0.75	ng/ul	98
7) 2-Methylnaphthalene	13.20	142	41803	0.66	ng/ul	99
9) Acenaphthylene	15.06	152	228229	2.22	ng/ul	96
10) Acenaphthene	15.38	153	313381	4.17	ng/ul	96
11) Fluorene	16.36	166	437671	5.11	ng/ul	91
14) Phenanthrene	18.08	178	9905549	74.24	ng/ul	97
15) Anthracene	18.17	178	1978795	16.04	ng/ul	97
17) Fluoranthene	20.05	202	16730597	115.29	ng/ul	76
19) Pyrene	20.41	202	14963440	72.46	ng/ul#	91
20) Benzo(a)anthracene	22.11	228	8165398	46.11	ng/ul	97
21) Chrysene	22.17	228	8249011	48.67	ng/ul	96
23) Benzo(b)fluoranthene	23.94	252	11336386m	58.37	ng/ul	
24) Benzo(k)fluoranthene	23.98	252	4033060m	22.41	ng/ul	
25) Benzo(a)pyrene	24.64	252	7314686	40.90	ng/ul	94
26) Indeno(1,2,3-cd)pyrene	27.50	276	5762942	28.89	ng/ul	95
27) Dibenzo(a,h)anthracene	27.49	278	1391600	8.51	ng/ul	97
28) Benzo(g,h,i)perylene	28.37	276	4921183	29.10	ng/ul	98

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

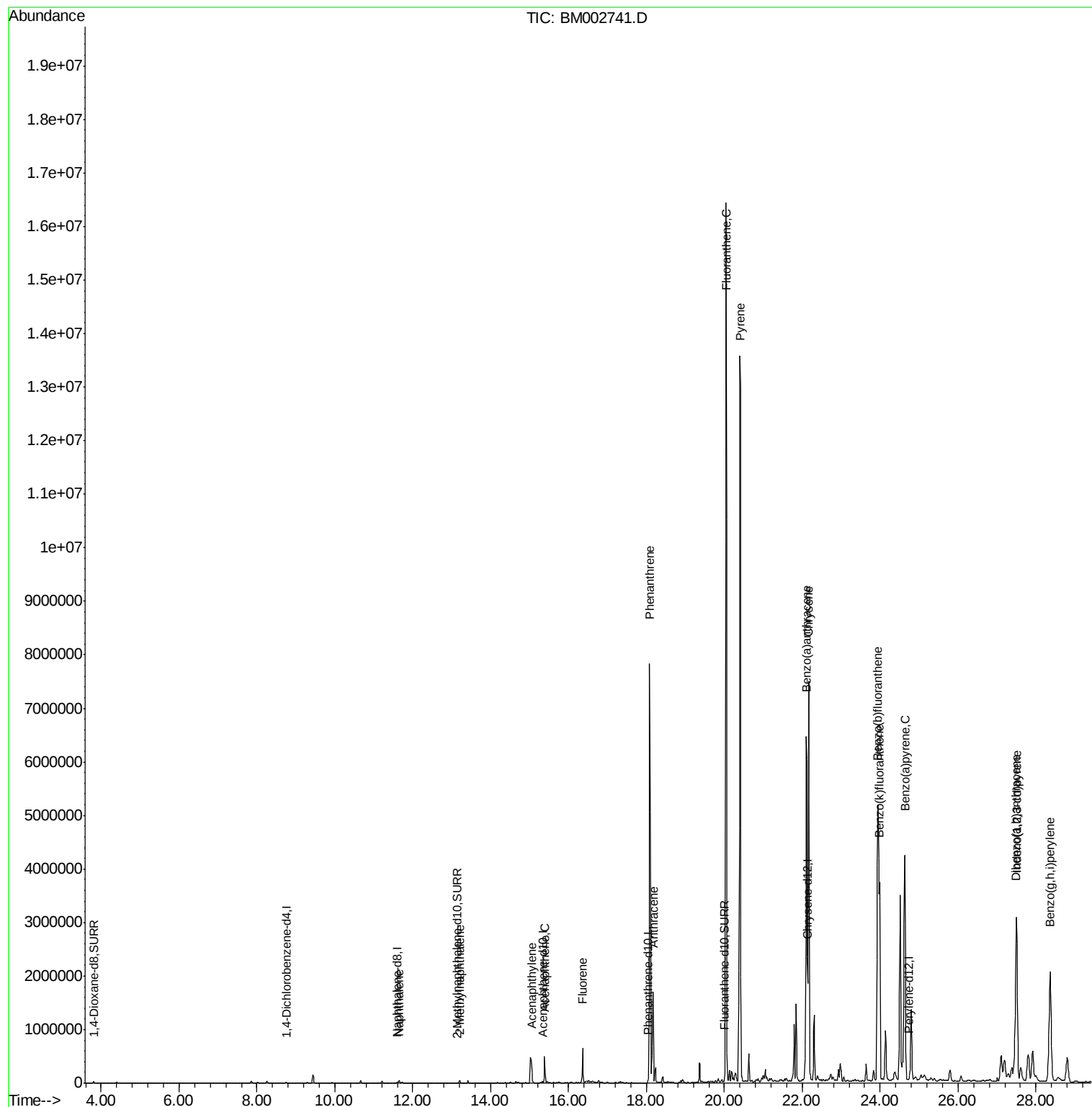
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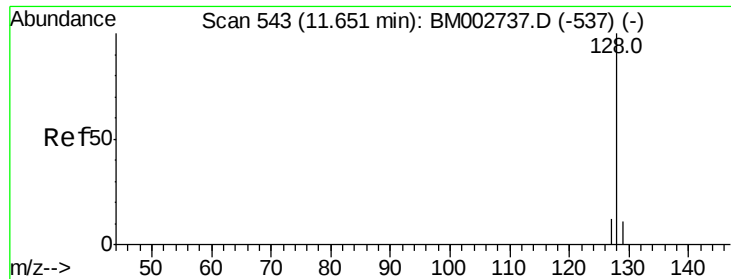
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM092415.M
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#5

Naphthalene

Concen: 0.75 ng/ul

RT: 11.65 min Scan# 543

Delta R.T. 0.00 min

Lab File: BM002741.D

Acq: 28 Sep 2015 19:41

Instrument :

BNA_M

ClientSampleId :

D9G74

Tot Ion:128 Resp: 73776

Ion Ratio Lower Upper

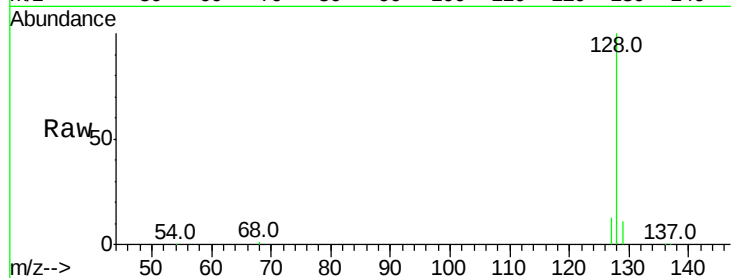
128 100

129 11.3 9.8 14.8

127 12.6 10.7 16.1

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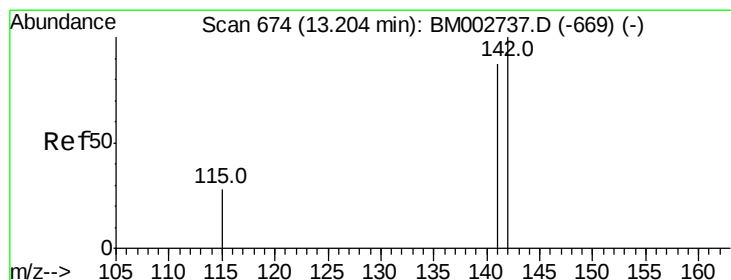
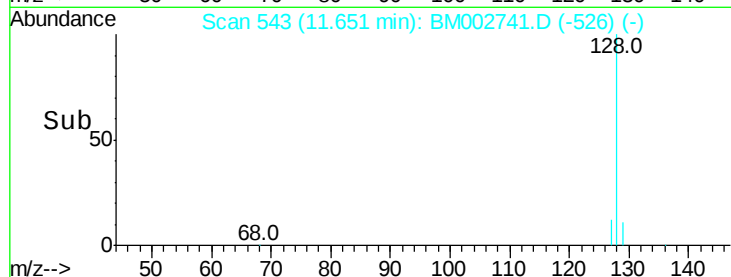
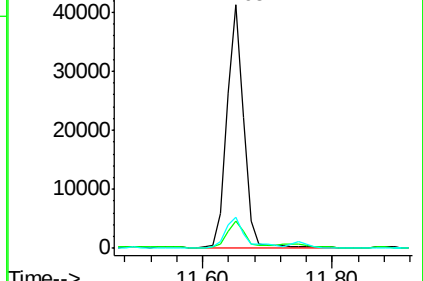
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#7

2-Methylnaphthalene

Concen: 0.66 ng/ul

RT: 13.20 min Scan# 674

Delta R.T. 0.00 min

Lab File: BM002741.D

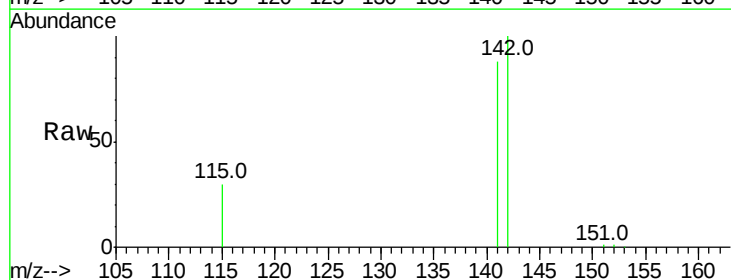
Acq: 28 Sep 2015 19:41

Tgt Ion:142 Resp: 41803

Ion Ratio Lower Upper

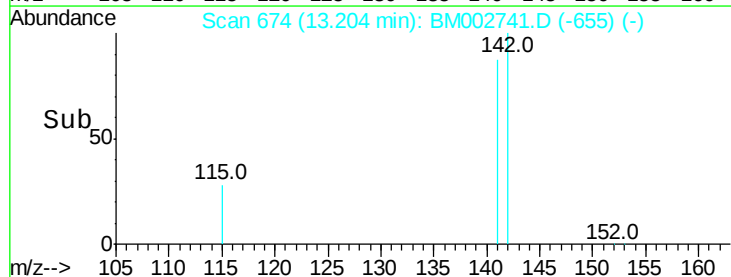
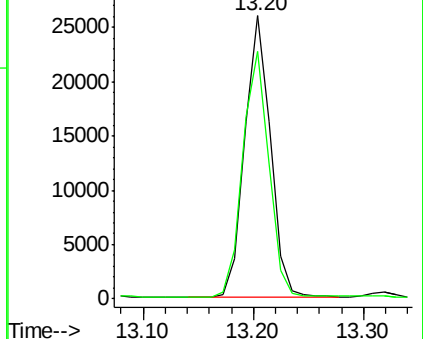
142 100

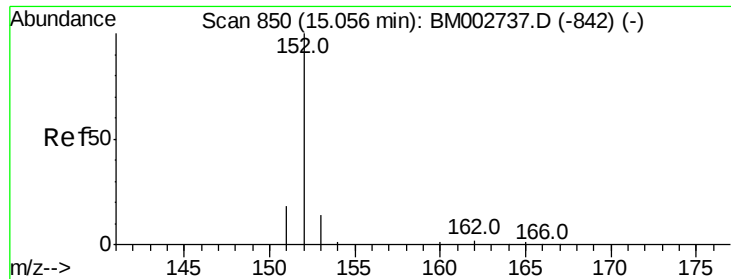
141 88.9 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 2.22 ng/ul

RT: 15.06 min Scan# 850

Delta R.T. 0.00 min

Lab File: BM002741.D

Acq: 28 Sep 2015 19:41

Instrument :

BNA_M

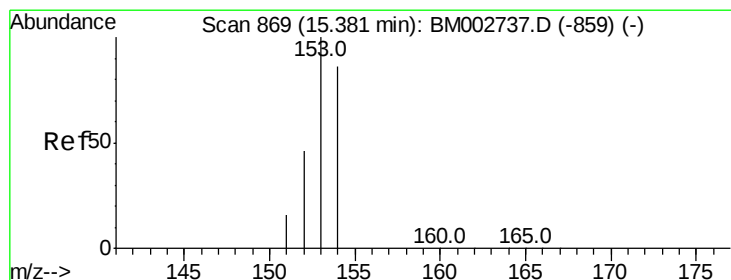
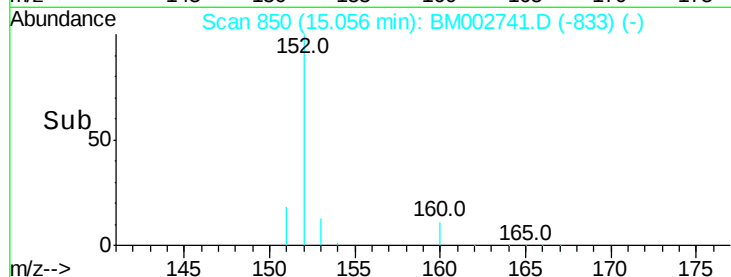
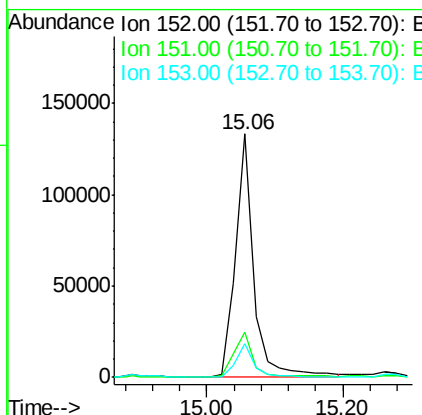
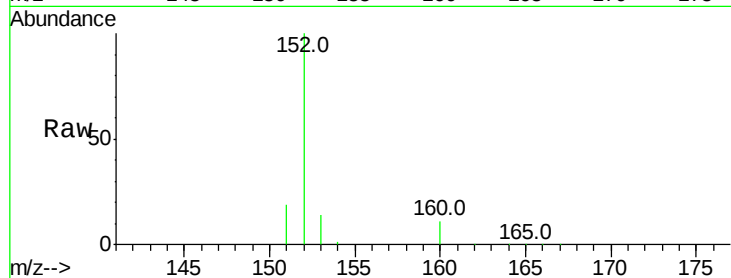
ClientSampleId :

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Tot Ion	Ratio	Resp	Lower	Upper
152	100	228229		
151	18.6		16.8	25.2
153	13.6		11.3	16.9



#10

Acenaphthene

Concen: 4.17 ng/ul

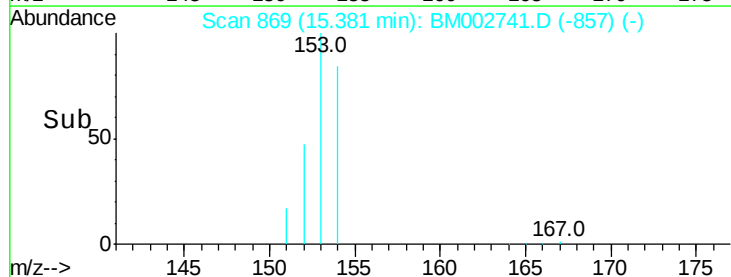
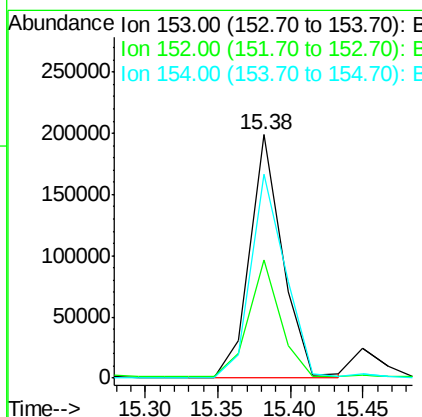
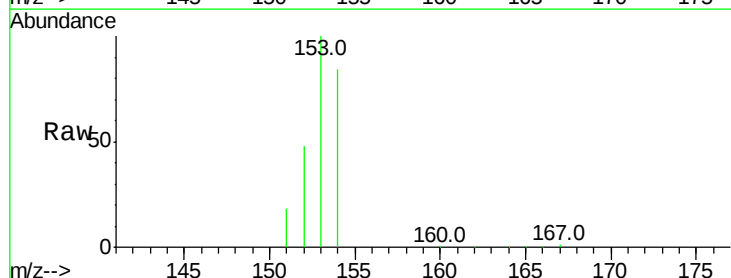
RT: 15.38 min Scan# 869

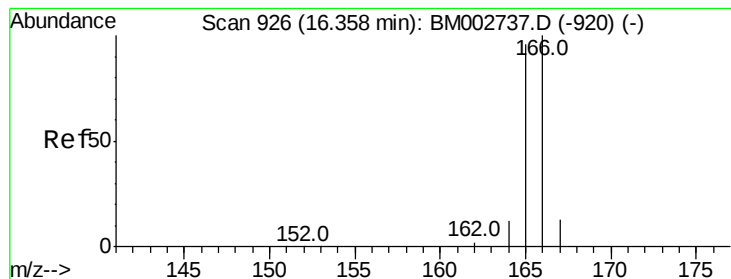
Delta R.T. 0.00 min

Lab File: BM002741.D

Acq: 28 Sep 2015 19:41

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	313381		
152	48.3		42.3	63.5
154	83.7		64.7	97.1





#11

Fluorene

Concen: 5.11 ng/ul

RT: 16.36 min Scan# 926

Delta R.T. 0.00 min

Lab File: BM002741.D

Acq: 28 Sep 2015 19:41

Instrument :

BNA_M

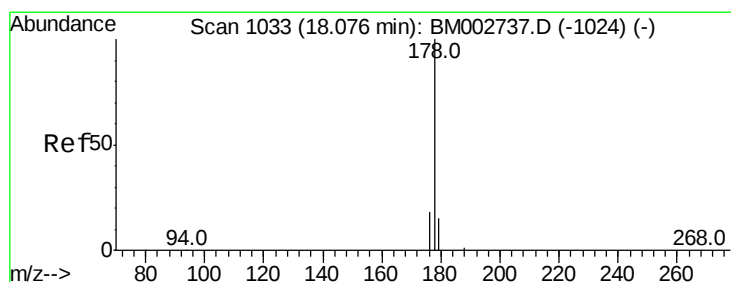
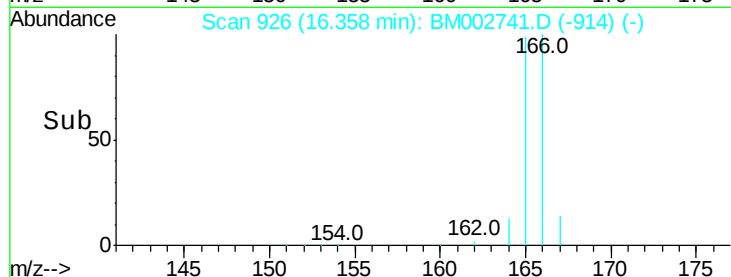
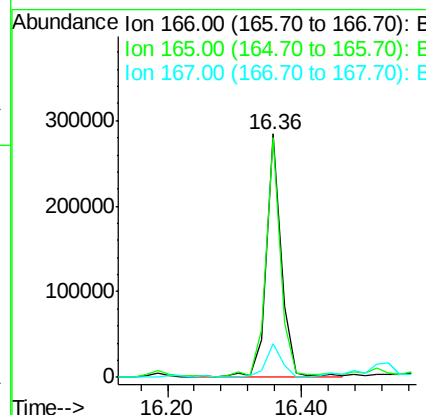
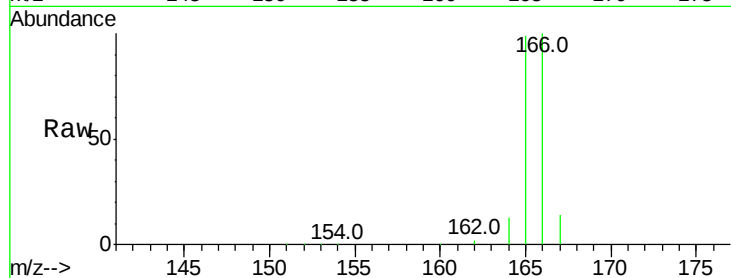
ClientSampleId :

D9G74

Tot Ion:166	Resp:	437671
Ion Ratio	Lower	Upper
166	100	
165	98.7	87.6 131.4
167	13.9	11.1 16.7

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#14

Phenanthrene

Concen: 74.24 ng/ul

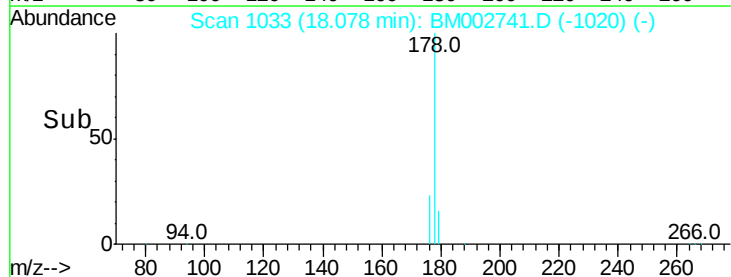
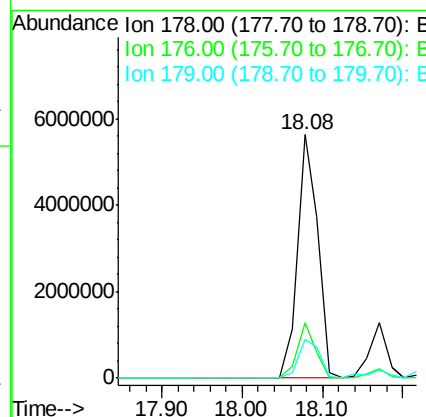
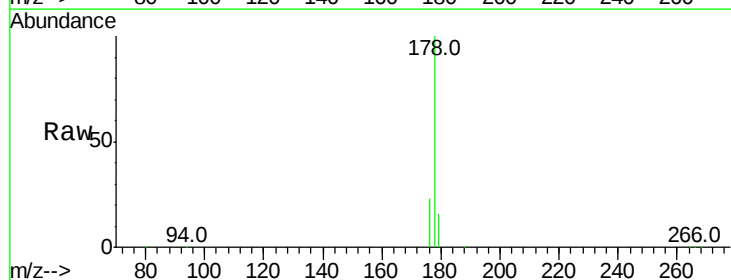
RT: 18.08 min Scan# 1033

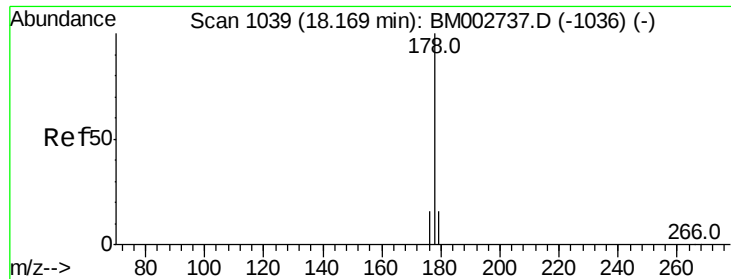
Delta R.T. 0.00 min

Lab File: BM002741.D

Acq: 28 Sep 2015 19:41

Tgt Ion:178	Resp:	9905549
Ion Ratio	Lower	Upper
178	100	
176	22.9	16.2 24.4
179	15.9	12.8 19.2





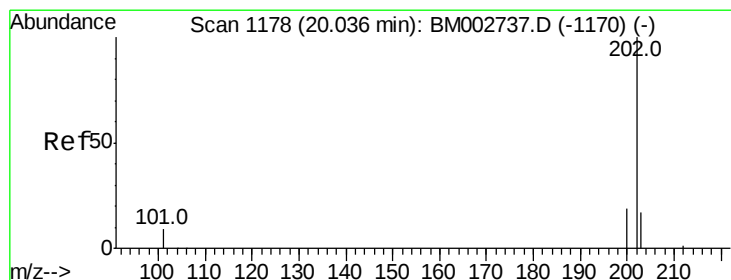
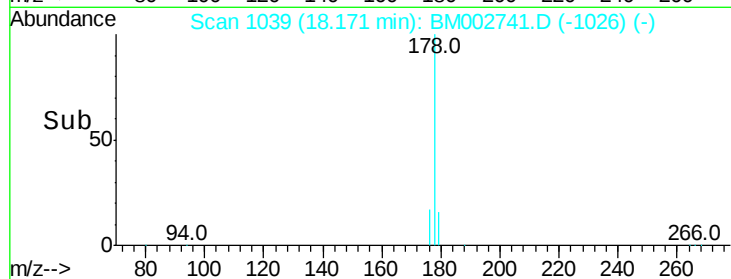
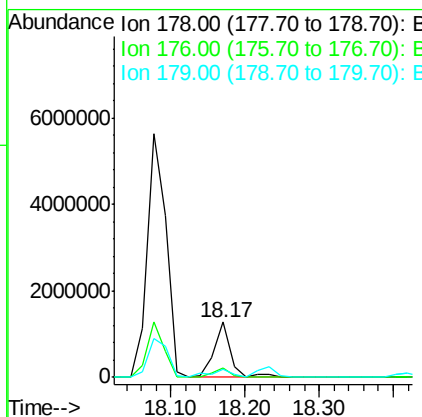
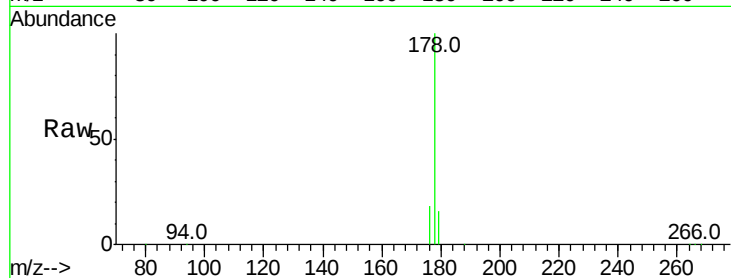
#15
 Anthracene
 Concen: 16.04 ng/ul
 RT: 18.17 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BM002741.D
 Acq: 28 Sep 2015 19:41

Instrument :
 BNA_M
 ClientSampleId :
 D9G74

Tot Ion:178 Resp: 1978795
 Ion Ratio Lower Upper
 178 100
 176 17.5 15.8 23.8
 179 15.9 13.3 19.9

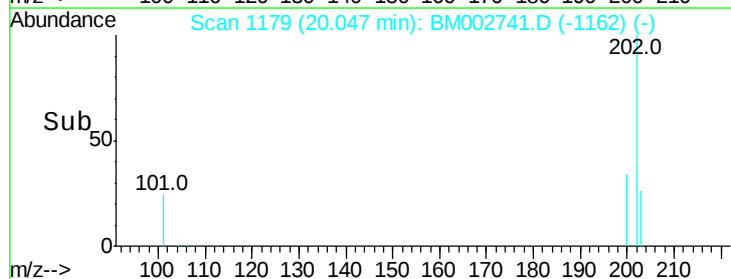
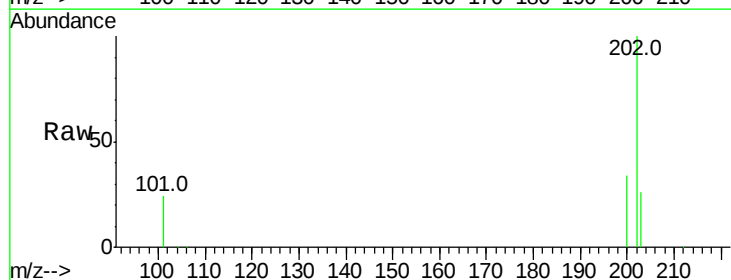
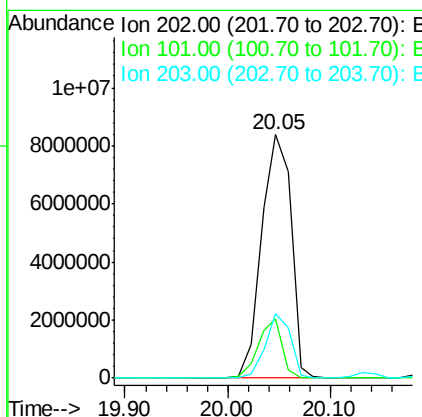
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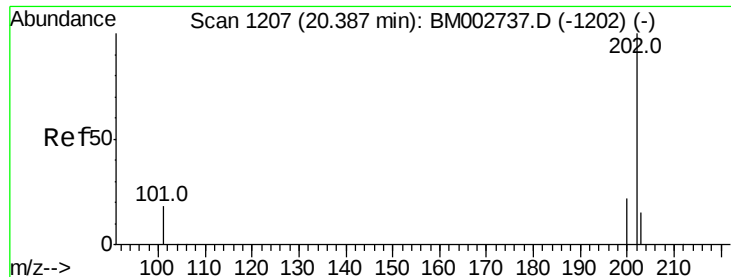
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#17
 Fluoranthene
 Concen: 115.29 ng/ul
 RT: 20.05 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: BM002741.D
 Acq: 28 Sep 2015 19:41

Tgt Ion:202 Resp:16730597
 Ion Ratio Lower Upper
 202 100
 101 24.3 0.0 33.1
 203 26.4 0.0 37.2





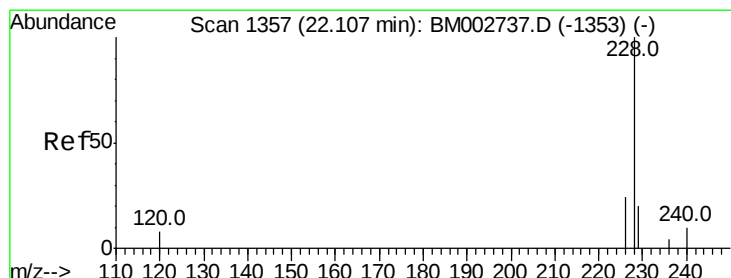
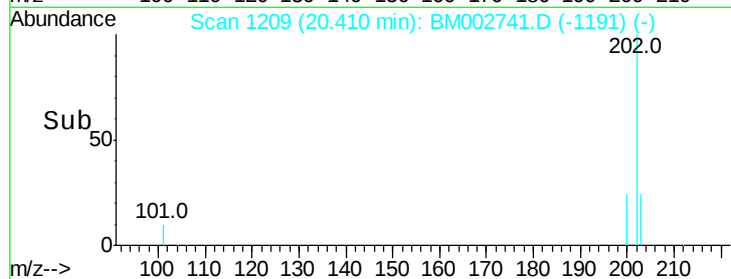
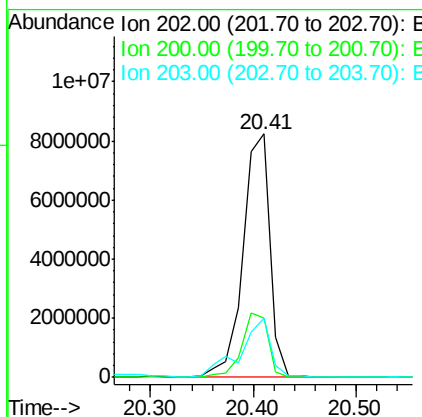
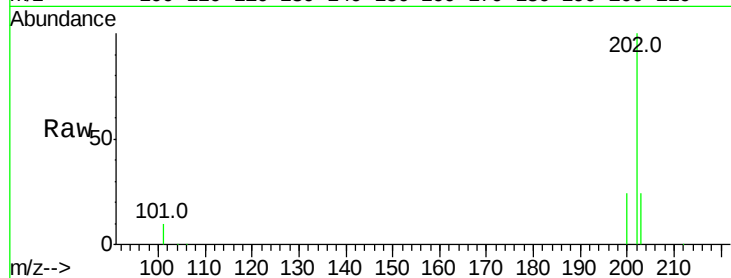
#19
Pvrene
Concen: 72.46 ng/ul
RT: 20.41 min Scan# 1209
Delta R.T. 0.02 min
Lab File: BM002741.D
Acq: 28 Sep 2015 19:41

Instrument :
BNA_M
ClientSampleId :
D9G74

Tot Ion:202 Resp:14963440
Ion Ratio Lower Upper
202 100
200 24.1 18.0 27.0
203 24.2 13.8 20.6#

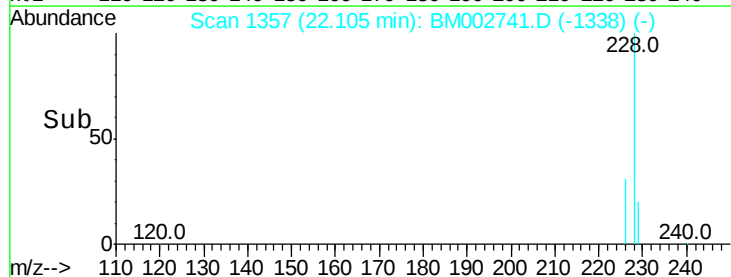
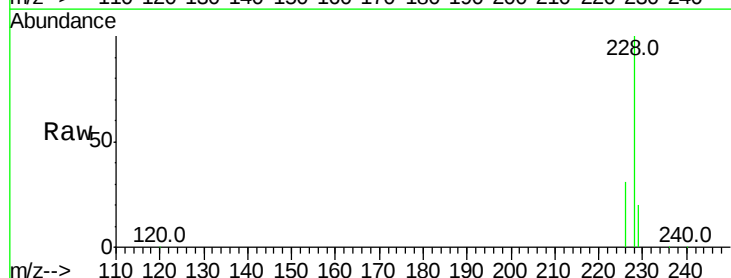
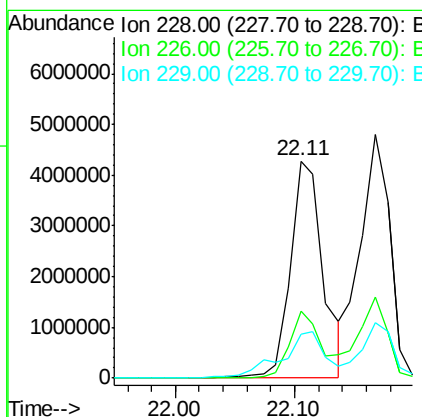
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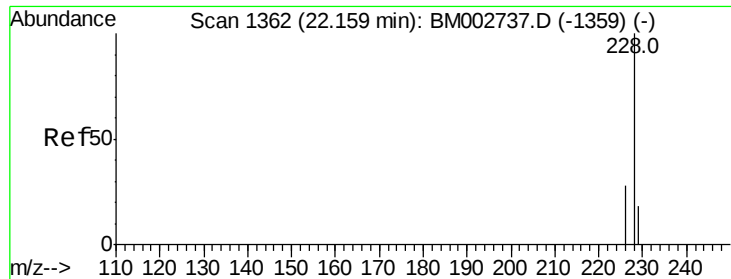
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#20
Benzo(a)anthracene
Concen: 46.11 ng/ul
RT: 22.11 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BM002741.D
Acq: 28 Sep 2015 19:41

Tgt Ion:228 Resp: 8165398
Ion Ratio Lower Upper
228 100
226 30.8 23.0 34.4
229 20.2 15.2 22.8





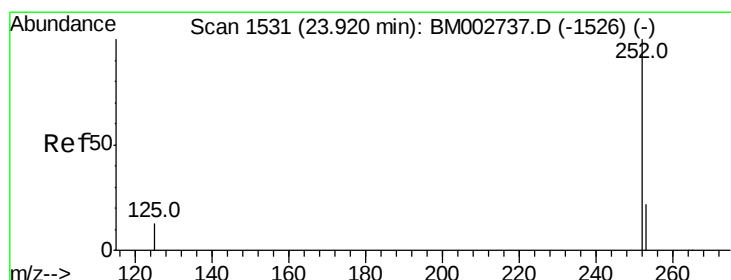
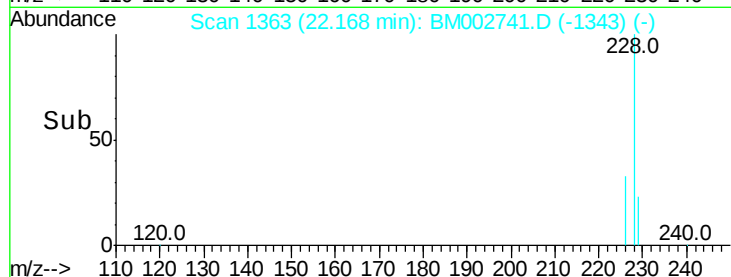
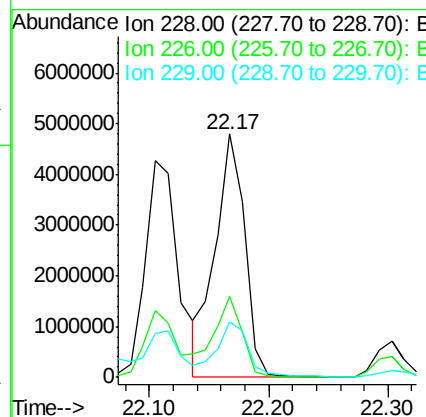
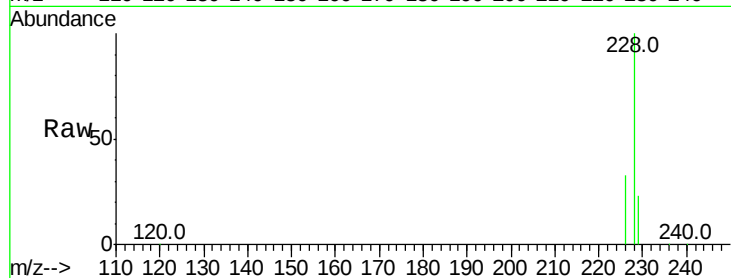
#21
Chrysene
Concen: 48.67 ng/ul
RT: 22.17 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BM002741.D
Acq: 28 Sep 2015 19:41

Instrument :
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ClientSampleId :
D9G74

Tot Ion:228 Resp: 8249011
Ion Ratio Lower Upper
228 100
226 33.2 25.7 38.5
229 22.7 15.2 22.8

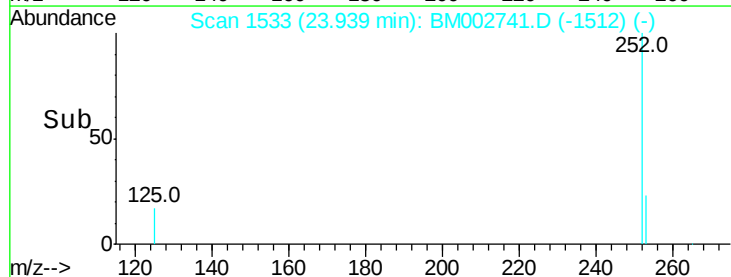
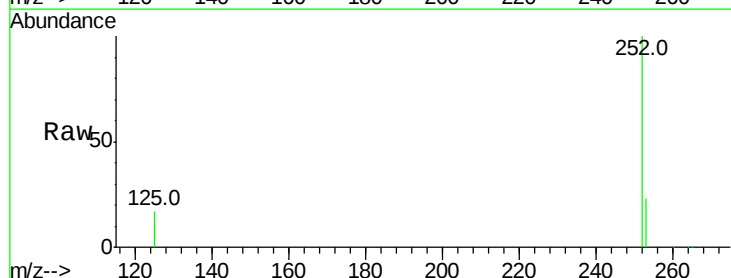
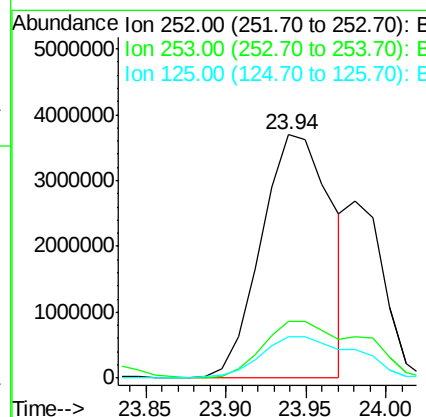
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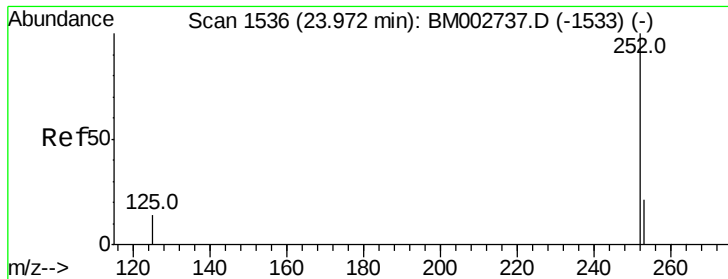
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#23
Benzo(b)fluoranthene
Concen: 58.37 ng/ul m
RT: 23.94 min Scan# 1533
Delta R.T. 0.02 min
Lab File: BM002741.D
Acq: 28 Sep 2015 19:41

Tgt Ion:252 Resp:11336386
Ion Ratio Lower Upper
252 100
253 23.1 0.0 48.0
125 17.0 0.0 36.6





#24

Benzo(k)fluoranthene

Concen: 22.41 ng/ul

RT: 23.98 min Scan# 1537

Delta R.T. 0.01 min

Lab File: BM002741.D

Acq: 28 Sep 2015 19:41

Instrument :

BNA_M

ClientSampleId :

D9G74

Tot Ion:252 Resp: 4033060

Ion Ratio Lower Upper

252 100

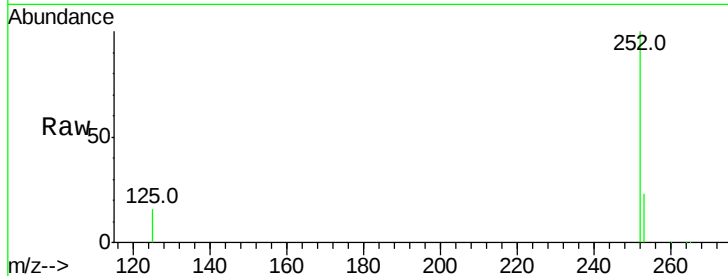
253 23.2 20.8 31.2

125 16.1 12.2 18.4

Manual Integrations
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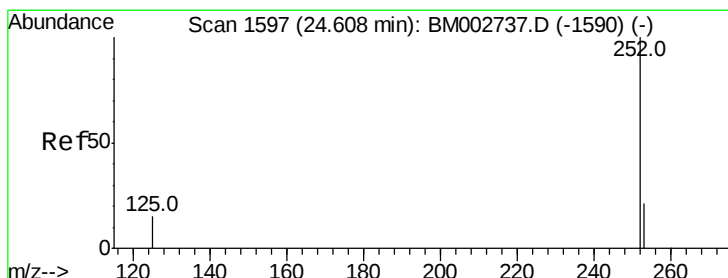
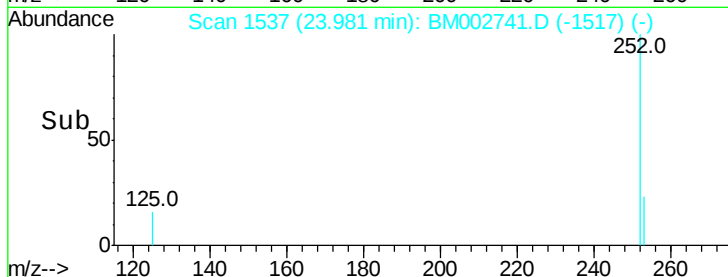
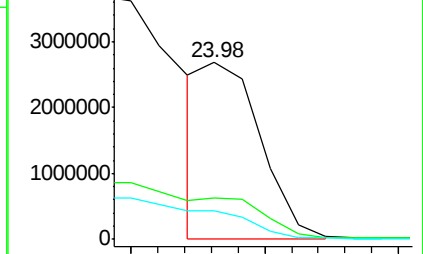
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#25

Benzo(a)pyrene

Concen: 40.90 ng/ul

RT: 24.64 min Scan# 1600

Delta R.T. 0.03 min

Lab File: BM002741.D

Acq: 28 Sep 2015 19:41

Tgt Ion:252 Resp: 7314686

Ion Ratio Lower Upper

252 100

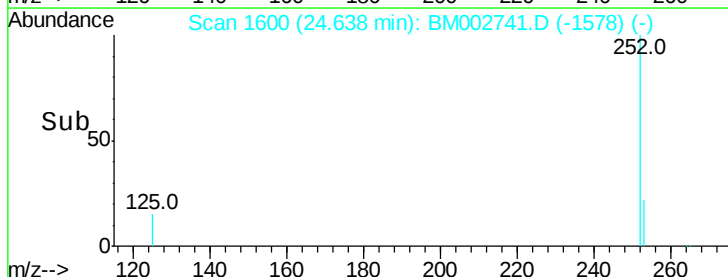
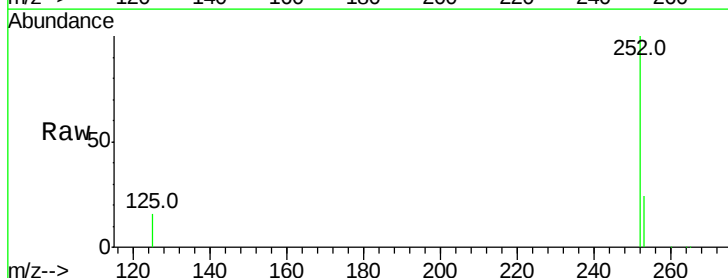
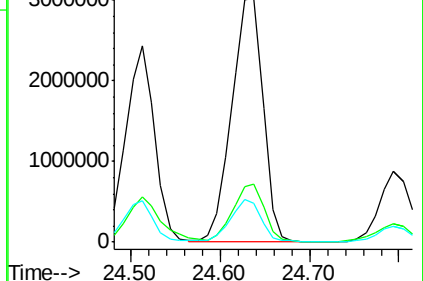
253 23.9 21.8 32.8

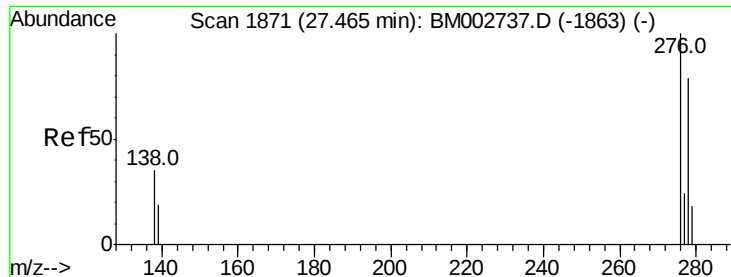
125 16.0 14.5 21.7

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





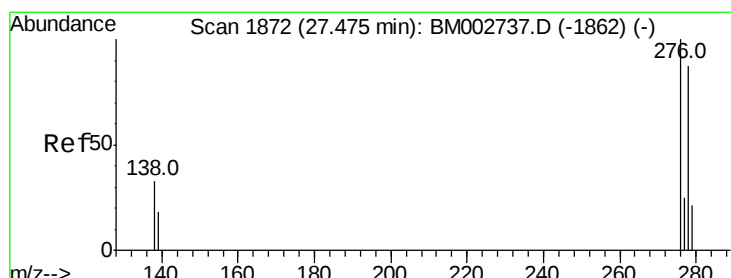
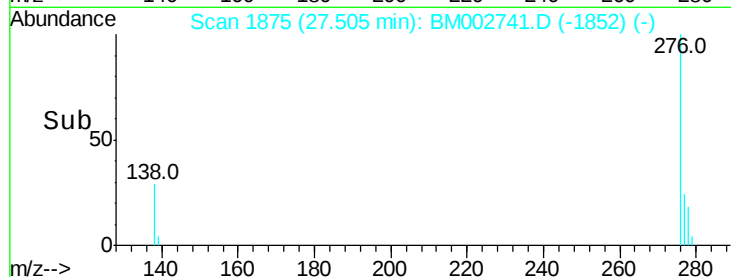
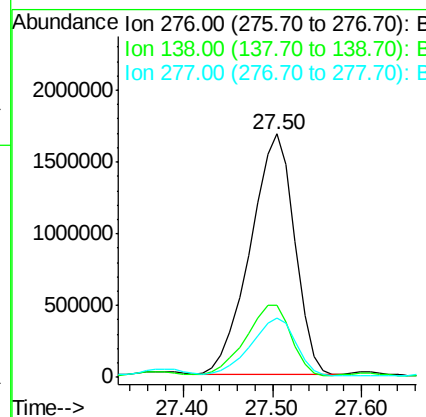
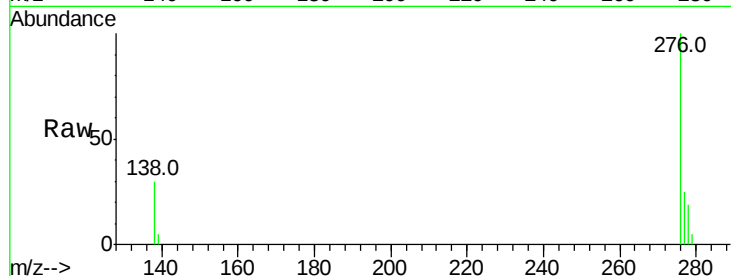
#26
 Indeno(1,2,3-cd)pyrene
 Concen: 28.89 ng/ul
 RT: 27.50 min Scan# 1875
 Delta R.T. 0.04 min
 Lab File: BM002741.D
 Acq: 28 Sep 2015 19:41

Instrument :
 BNA_M
 ClientSampleId :
 D9G74

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.0	27.5	41.3
277	24.6	19.3	28.9

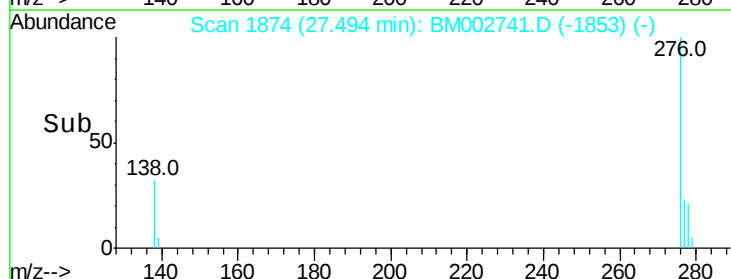
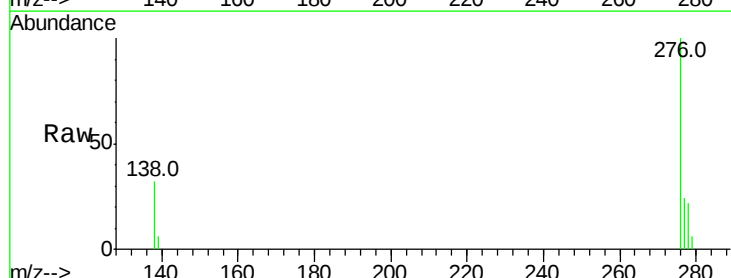
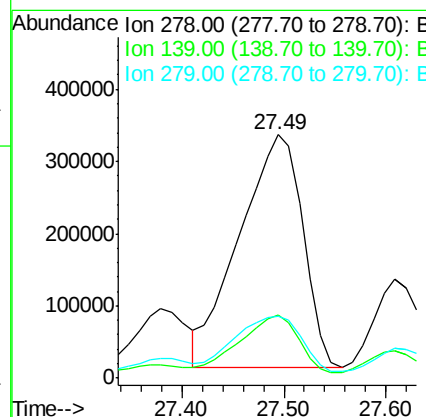
Manual Integrations
 APPROVED

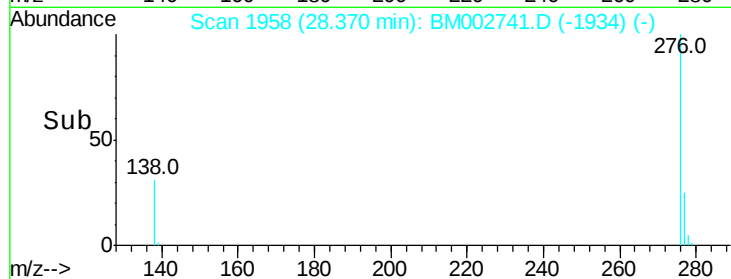
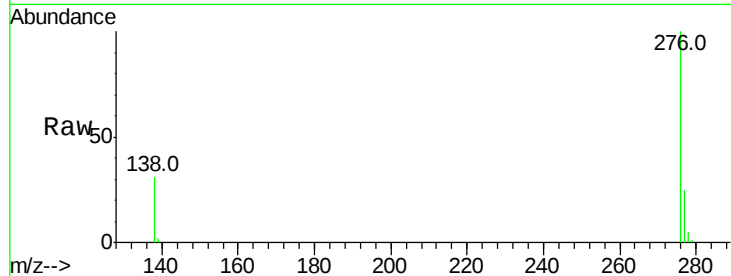
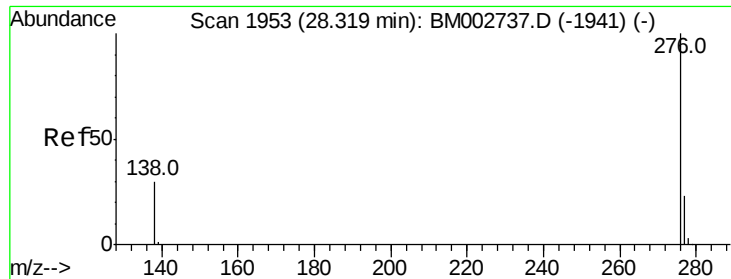
MMDadoda
 9/29/2015 3:43:19 PM



#27
 Dibenzo(a,h)anthracene
 Concen: 8.51 ng/ul
 RT: 27.49 min Scan# 1874
 Delta R.T. 0.02 min
 Lab File: BM002741.D
 Acq: 28 Sep 2015 19:41

Tgt Ion	Ratio	Lower	Upper
278	100		
139	25.8	21.7	32.5
279	25.7	21.9	32.9





#28

Benzo(a,h,i)perylene

Concen: 29.10 ng/ul

RT: 28.37 min Scan# 1958

Delta R.T. 0.05 min

Lab File: BM002741.D

Acq: 28 Sep 2015 19:41

Tot Ion: 276 Resp: 4921183

Ion Ratio Lower Upper

276 100

277 25.4 21.3 31.9

138 30.9 25.5 38.3

Instrument :

BNA_M

ClientSampleId :

D9G74

Manual Integrations
APPROVED

MMDadoda
9/29/2015 3:43:19 PM

