

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092815\
 Data File : BM002743.D
 Acq On : 28 Sep 2015 20:54
 Operator : UM/IZ
 Sample : G3798-24
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9G76

Manual Integrations
 APPROVED

MMDadoda
 9/29/2015 3:43:34 PM

Quant Time: Sep 29 07:35:44 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	8163	0.40	ng/ul	0.02
4) Naphthalene-d8	11.60	136	32025	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.33	164	17441	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.05	188	37071	0.40	ng/ul	0.02
18) Chrysene-d12	22.14	240	44682	0.40	ng/ul	0.00
22) Perylene-d12	24.74	264	49044	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.80	96	18320	2.17	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.13	152	5603m	0.12	ng/ul	0.00
16) Fluoranthene-d10	20.01	212	7950	0.09	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	11.65	128	24046	0.28	ng/ul	99
7) 2-Methylnaphthalene	13.20	142	9675	0.17	ng/ul	99
9) Acenaphthylene	15.06	152	129536	1.44	ng/ul	97
10) Acenaphthene	15.38	153	124437	1.90	ng/ul	98
11) Fluorene	16.36	166	195085	2.61	ng/ul	92
14) Phenanthrene	18.08	178	5449022	45.17	ng/ul	99
15) Anthracene	18.17	178	968508	8.69	ng/ul	96
17) Fluoranthene	20.05	202	11507317	87.71	ng/ul	95
19) Pyrene	20.40	202	9782718	56.18	ng/ul	96
20) Benzo(a)anthracene	22.10	228	4914919	32.92	ng/ul	98
21) Chrysene	22.17	228	4986968	34.89	ng/ul	97
23) Benzo(b)fluoranthene	23.94	252	7181270m	40.62	ng/ul	
24) Benzo(k)fluoranthene	23.98	252	2183707m	13.33	ng/ul	
25) Benzo(a)pyrene	24.63	252	4390279	26.97	ng/ul	93
26) Indeno(1,2,3-cd)pyrene	27.50	276	3396420	18.71	ng/ul	95
27) Dibenzo(a,h)anthracene	27.49	278	814024	5.46	ng/ul	97
28) Benzo(g,h,i)perylene	28.36	276	2898446	18.82	ng/ul	97

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

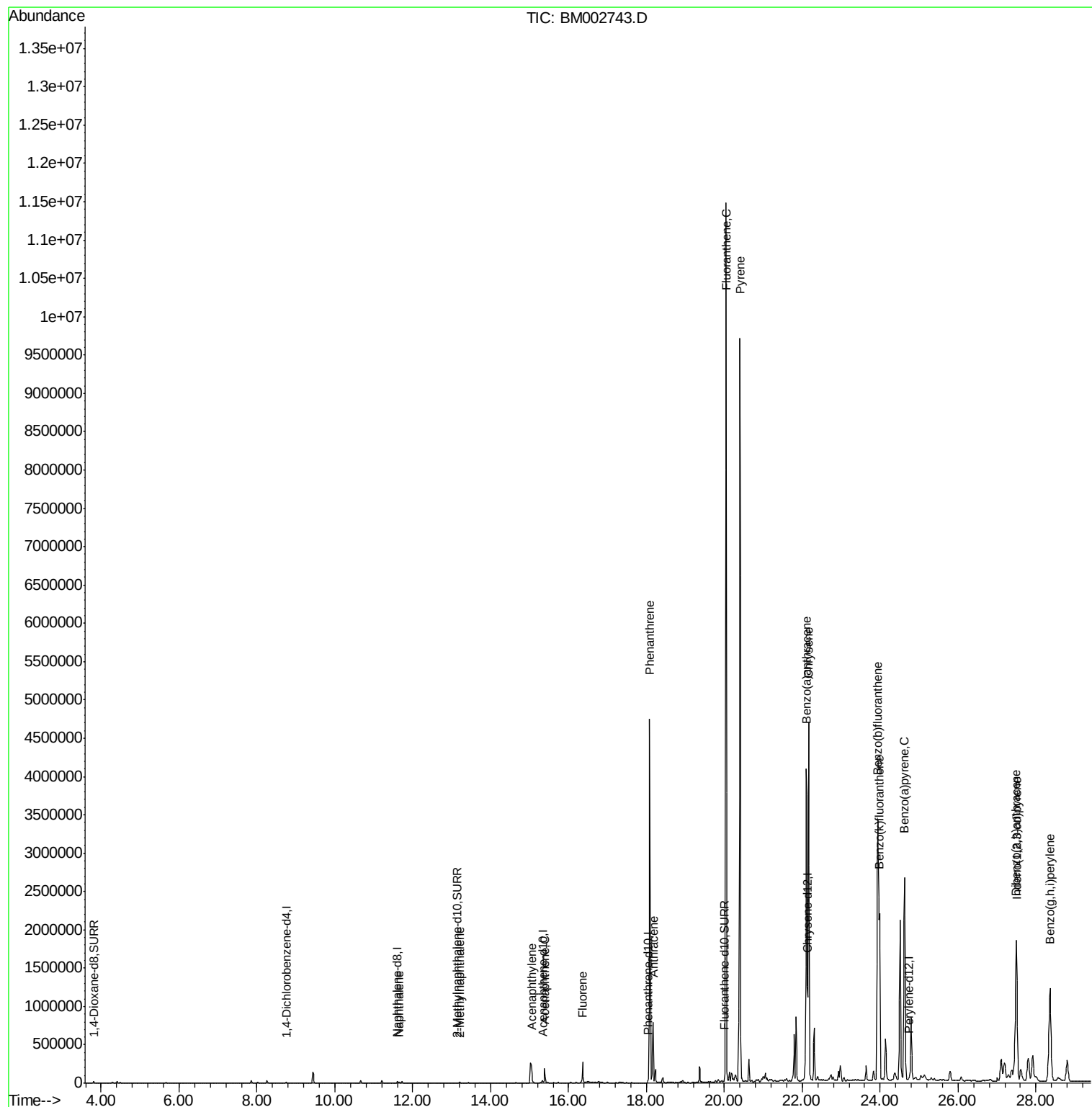
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092815\
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ALS Vial : 15 Sample Multiplier: 1

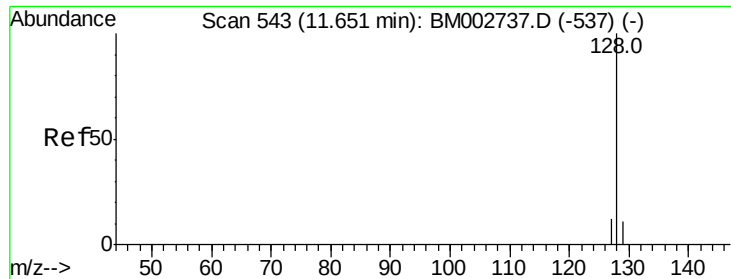
Instrument :
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QLast Update : Tue Sep 29 02:52:19 2015
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#5

Naphthalene

Concen: 0.28 ng/ul

RT: 11.65 min Scan# 543

Delta R.T. -0.00 min

Lab File: BM002743.D

Acq: 28 Sep 2015 20:54

Instrument :

BNA_M

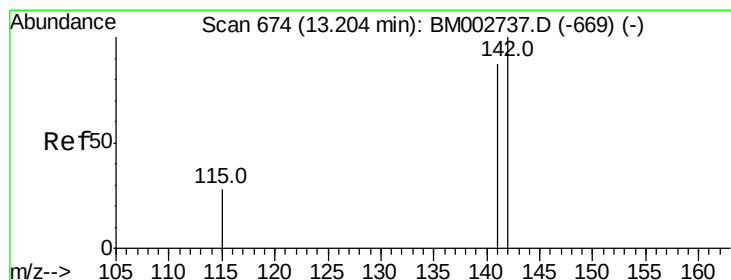
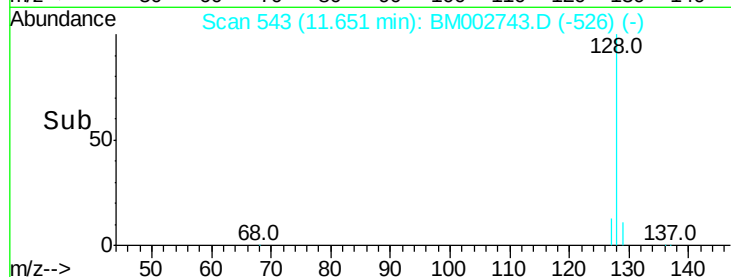
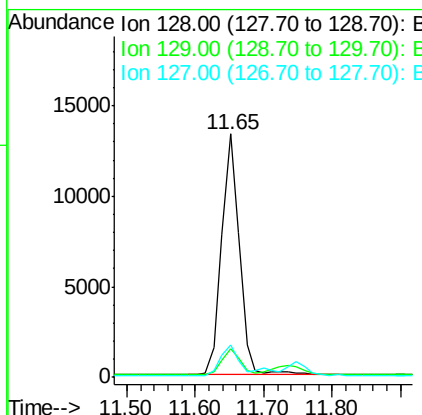
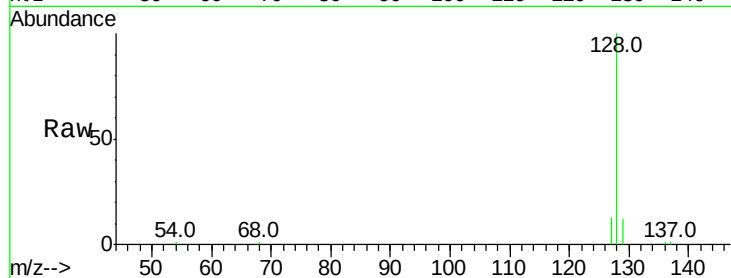
ClientSampleId :

D9G76

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Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.8	14.8
127	13.3	10.7	16.1



#7

2-Methylnaphthalene

Concen: 0.17 ng/ul

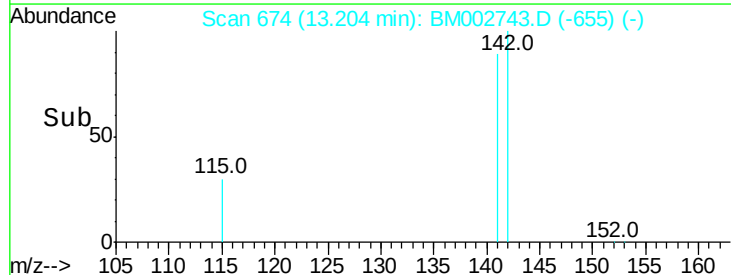
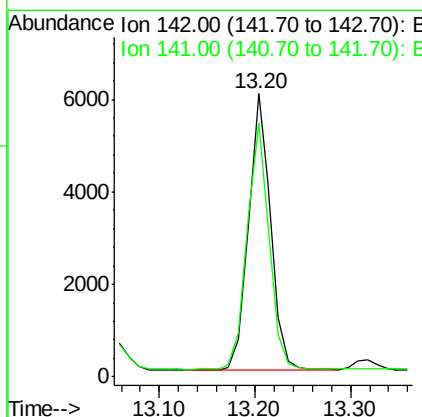
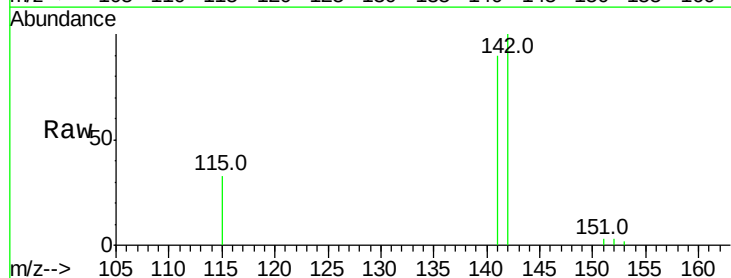
RT: 13.20 min Scan# 674

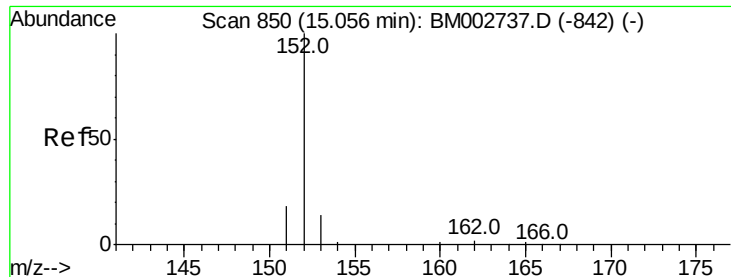
Delta R.T. -0.00 min

Lab File: BM002743.D

Acq: 28 Sep 2015 20:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.3	105.5





#9

Acenaphthylene

Concen: 1.44 ng/ul

RT: 15.06 min Scan# 850

Delta R.T. -0.00 min

Lab File: BM002743.D

Acq: 28 Sep 2015 20:54

Instrument :

BNA_M

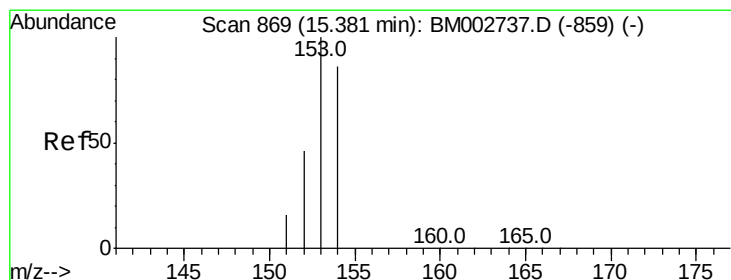
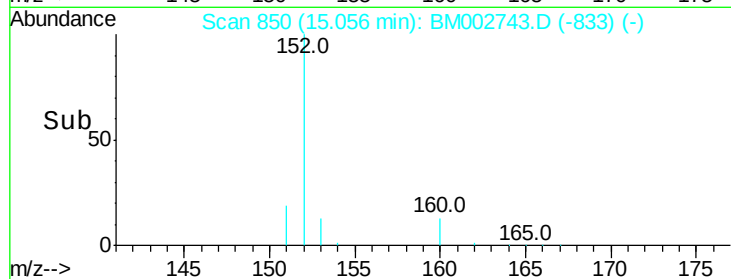
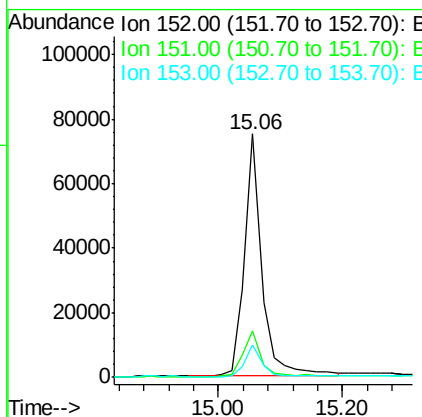
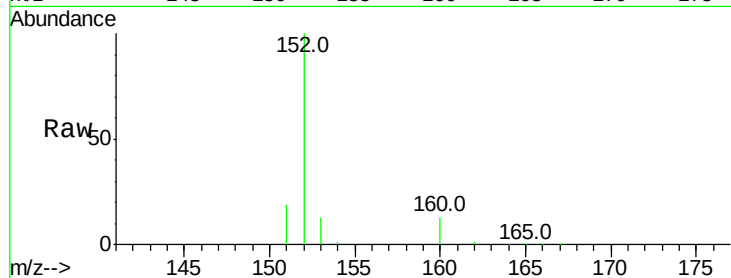
ClientSampleId :

D9G76

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Tot Ion	Ratio	Resp	Lower	Upper
152	100	129536		
151	19.1		16.8	25.2
153	13.4		11.3	16.9



#10

Acenaphthene

Concen: 1.90 ng/ul

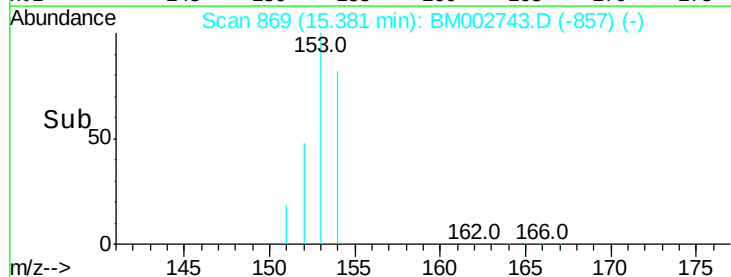
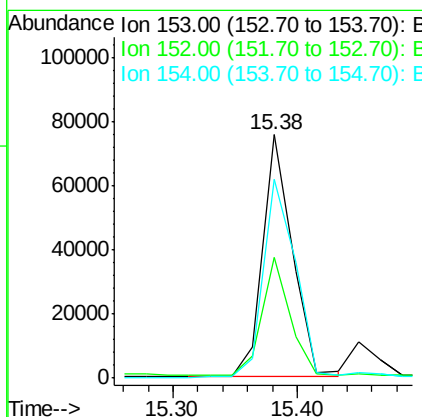
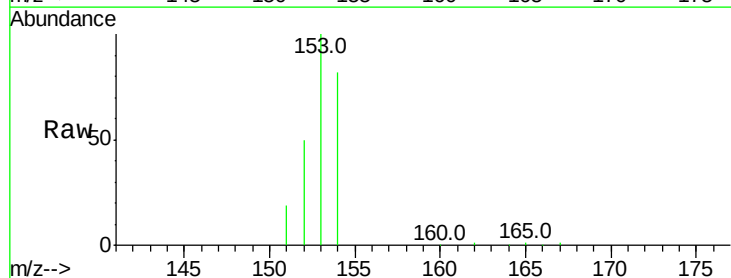
RT: 15.38 min Scan# 869

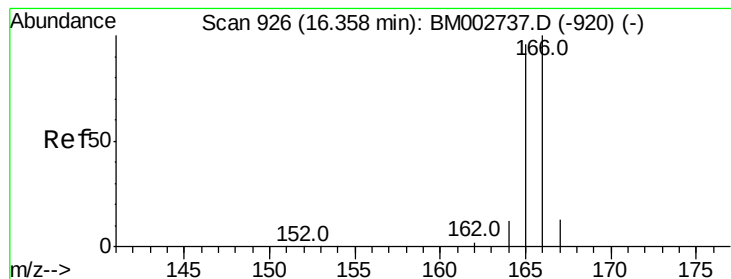
Delta R.T. -0.00 min

Lab File: BM002743.D

Acq: 28 Sep 2015 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	124437		
152	49.8		42.3	63.5
154	81.6		64.7	97.1





#11

Fluorene

Concen: 2.61 ng/ul

RT: 16.36 min Scan# 926

Delta R.T. -0.00 min

Lab File: BM002743.D

Acq: 28 Sep 2015 20:54

Instrument :

BNA_M

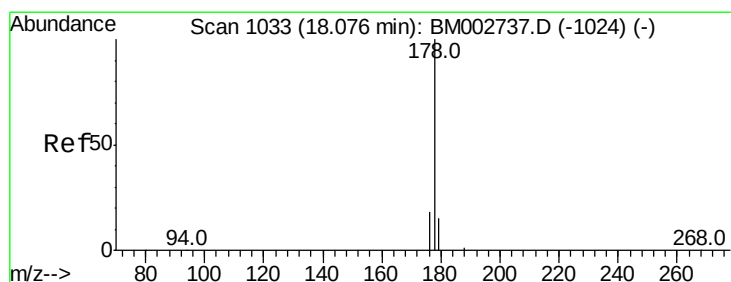
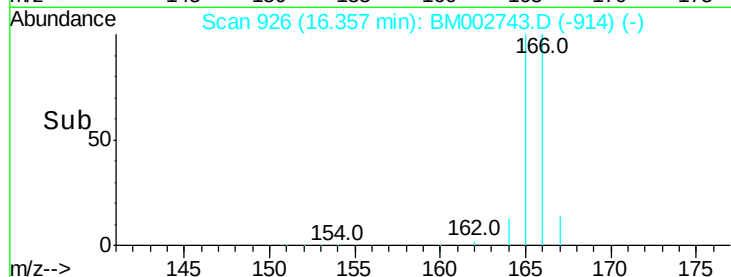
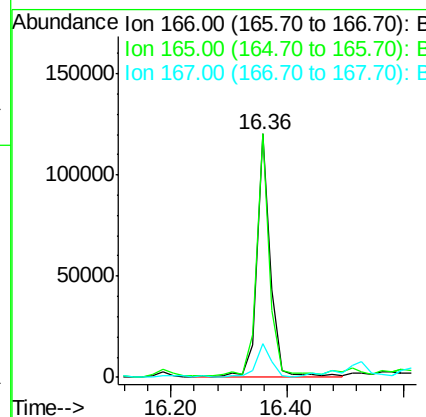
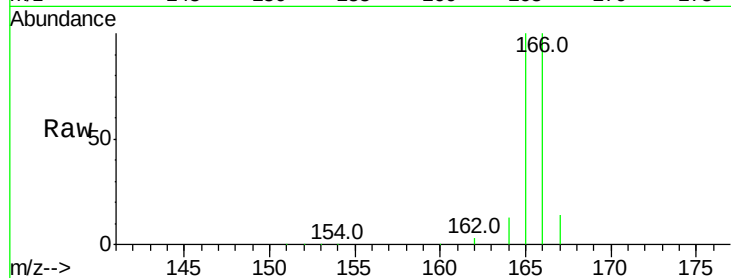
ClientSampleId :

D9G76

Tot Ion:	166	Resp:	195085
Ion Ratio	Lower	Upper	
166	100		
165	100.2	87.6	131.4
167	14.1	11.1	16.7

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#14

Phenanthrene

Concen: 45.17 ng/ul

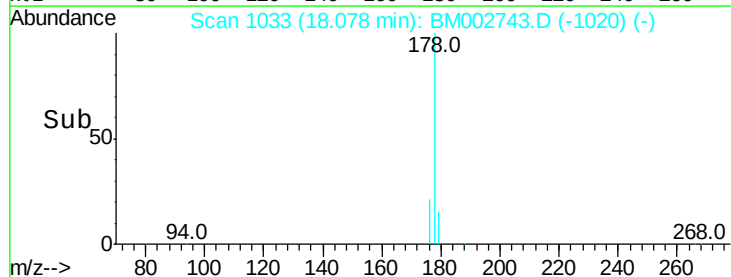
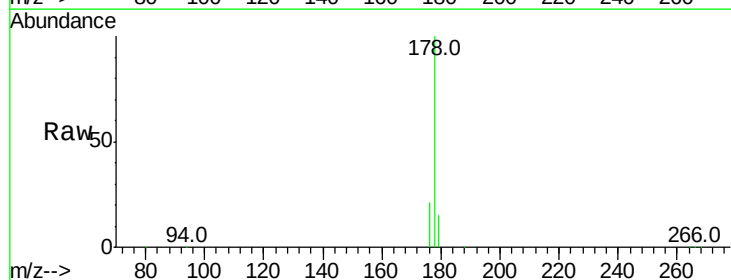
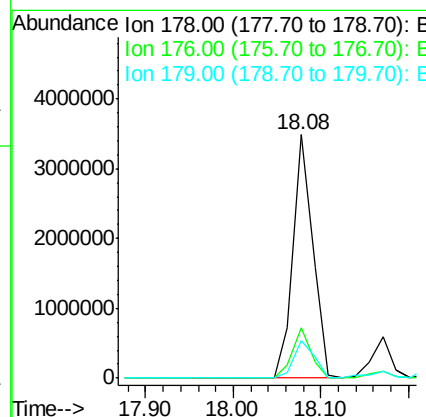
RT: 18.08 min Scan# 1033

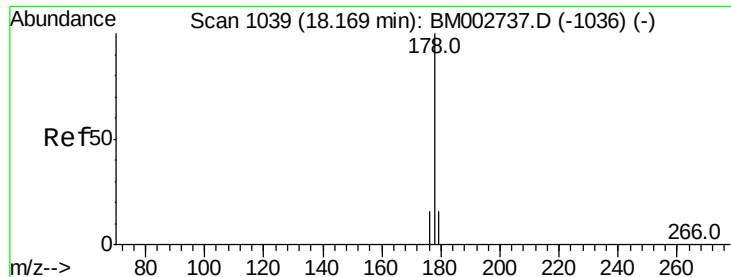
Delta R.T. 0.00 min

Lab File: BM002743.D

Acq: 28 Sep 2015 20:54

Tgt Ion:	178	Resp:	5449022
Ion Ratio	Lower	Upper	
178	100		
176	20.5	16.2	24.4
179	15.4	12.8	19.2





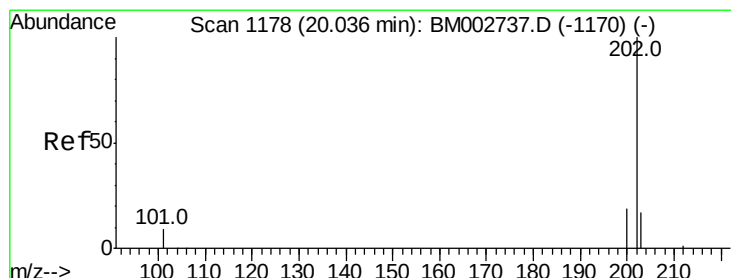
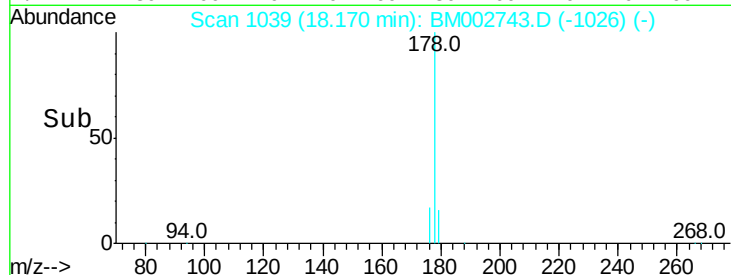
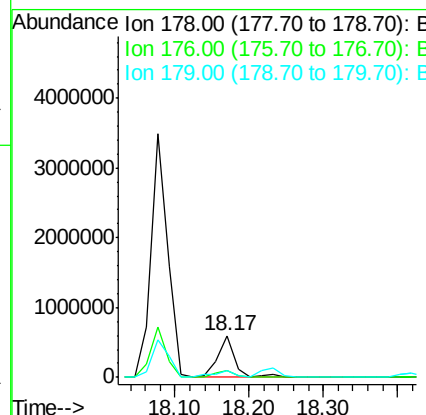
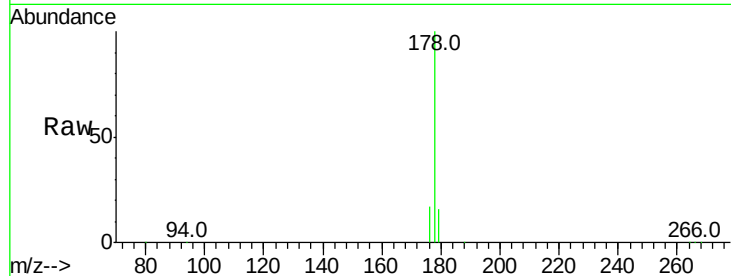
#15
 Anthracene
 Concen: 8.69 ng/ul
 RT: 18.17 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BM002743.D
 Acq: 28 Sep 2015 20:54

Instrument :
 BNA_M
 ClientSampleId :
 D9G76

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.0	15.8	23.8
179	16.1	13.3	19.9

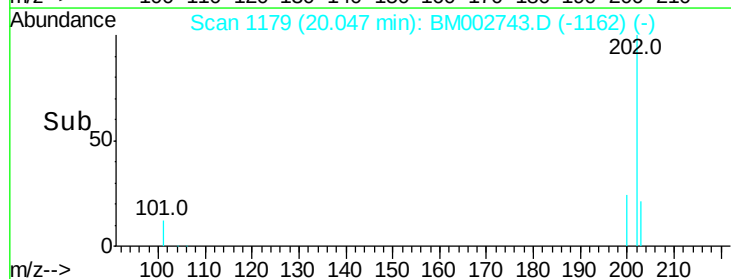
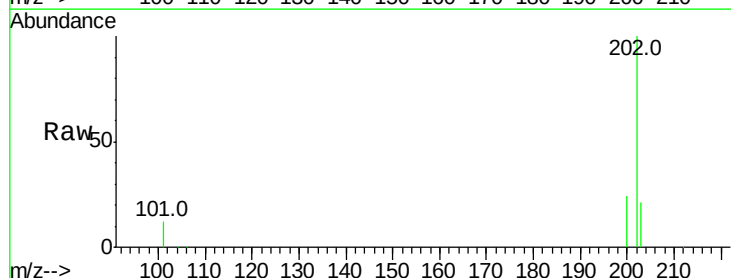
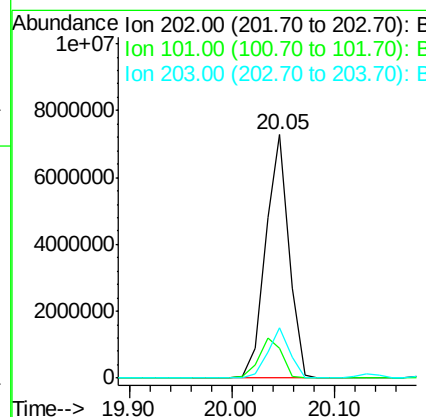
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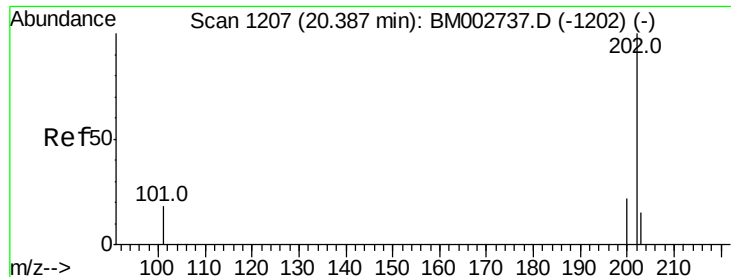
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#17
 Fluoranthene
 Concen: 87.71 ng/ul
 RT: 20.05 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: BM002743.D
 Acq: 28 Sep 2015 20:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	33.1
203	20.8	0.0	37.2





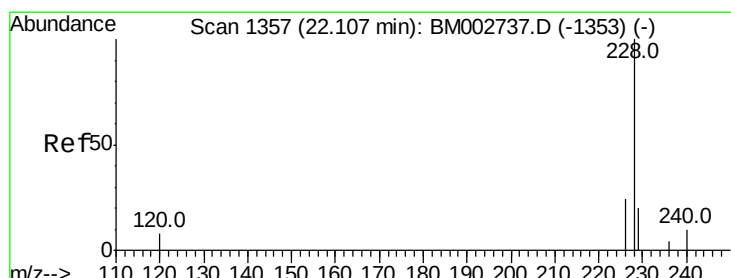
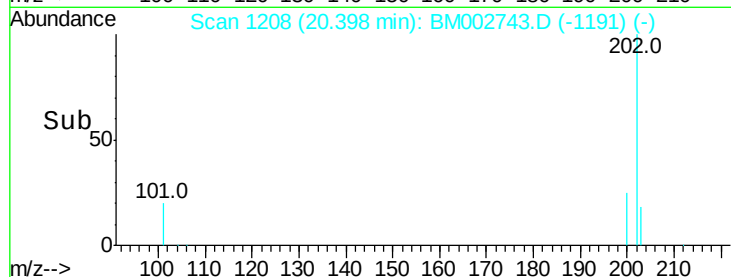
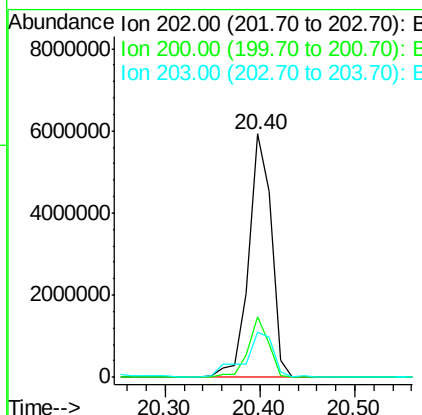
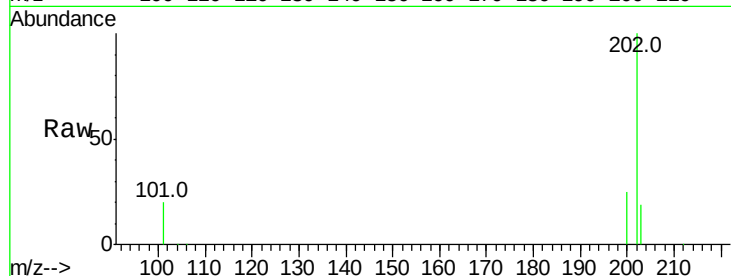
#19
Pvrene
Concen: 56.18 ng/ul
RT: 20.40 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BM002743.D
Acq: 28 Sep 2015 20:54

Instrument :
BNA_M
ClientSampleId :
D9G76

Tot Ion	Ratio	Lower	Upper
202	100		
200	25.0	18.0	27.0
203	18.5	13.8	20.6

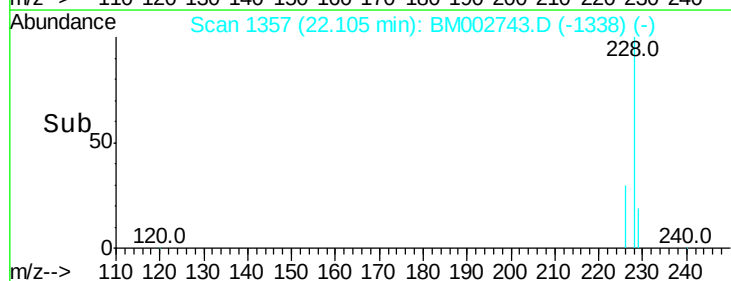
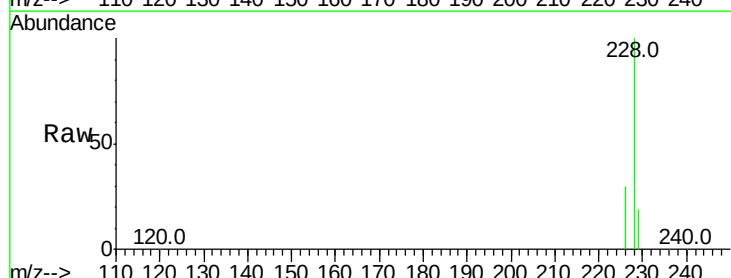
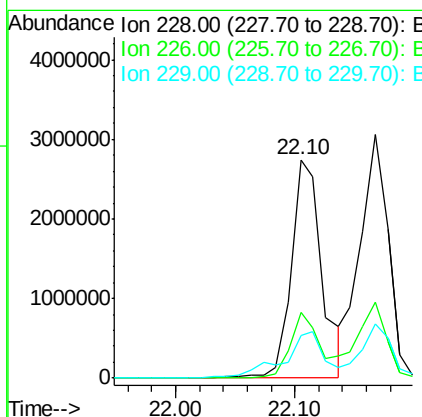
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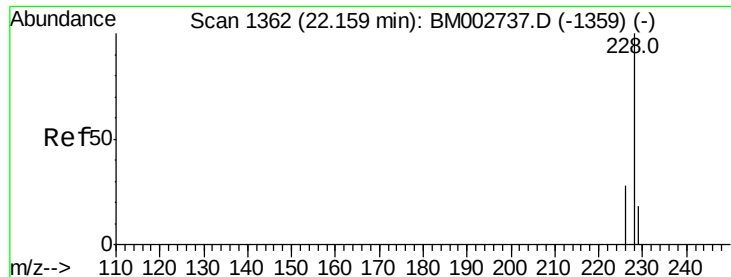
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#20
Benzo(a)anthracene
Concen: 32.92 ng/ul
RT: 22.10 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BM002743.D
Acq: 28 Sep 2015 20:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.0	34.4
229	19.4	15.2	22.8





#21

Chrysene

Concen: 34.89 ng/ul

RT: 22.17 min Scan# 1363

Delta R.T. 0.01 min

Lab File: BM002743.D

Acq: 28 Sep 2015 20:54

Instrument :

BNA_M

ClientSampleId :

D9G76

Tot Ion:228 Resp: 4986968

Ion Ratio Lower Upper

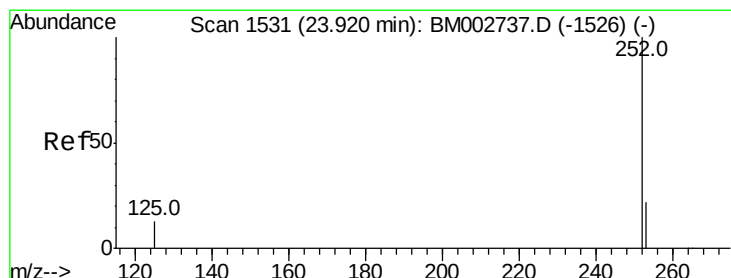
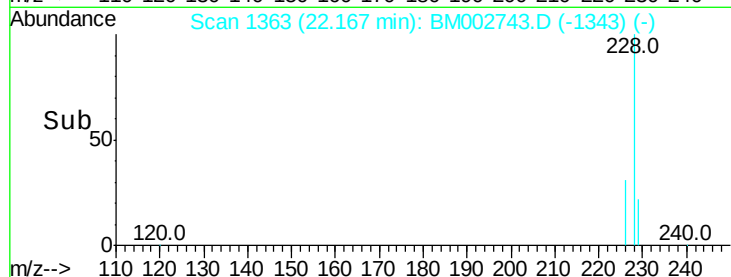
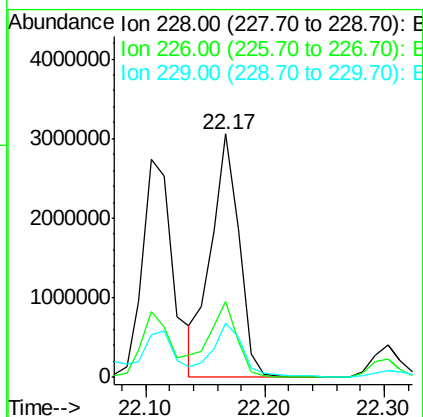
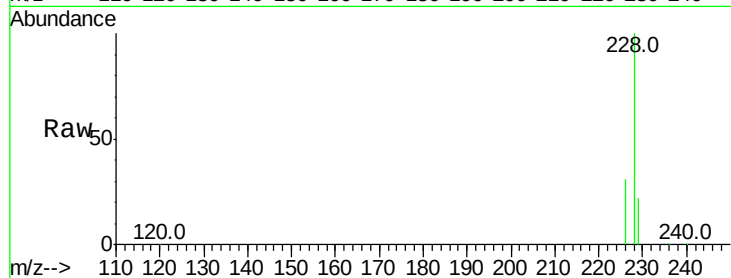
228 100

226 31.3 25.7 38.5

229 22.1 15.2 22.8

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#23

Benzo(b)fluoranthene

Concen: 40.62 ng/ul m

RT: 23.94 min Scan# 1533

Delta R.T. 0.02 min

Lab File: BM002743.D

Acq: 28 Sep 2015 20:54

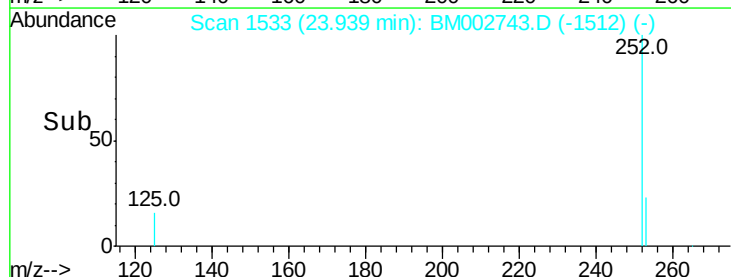
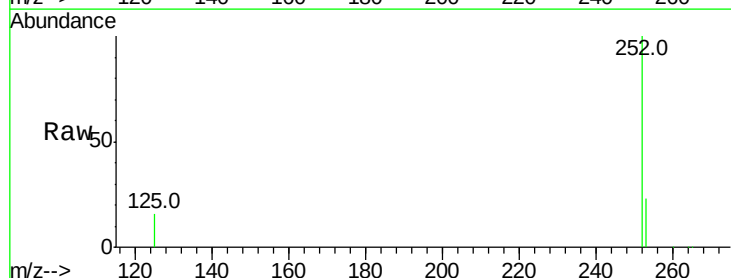
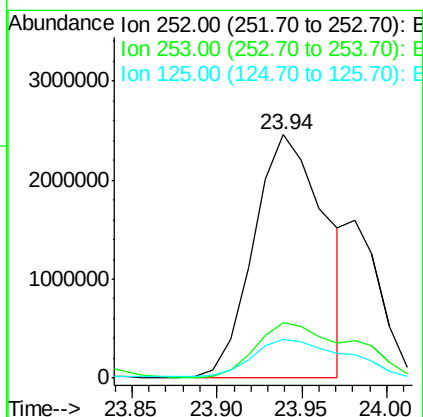
Tgt Ion:252 Resp: 7181270

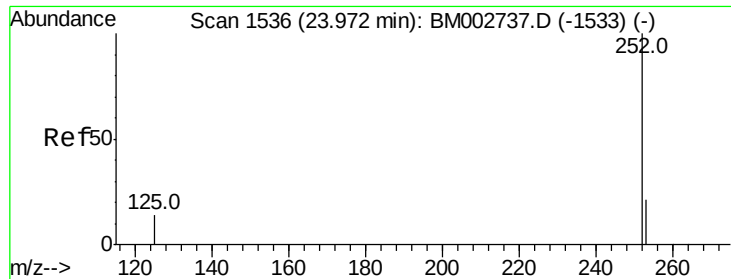
Ion Ratio Lower Upper

252 100

253 22.9 0.0 48.0

125 16.1 0.0 36.6





#24

Benzo(k)fluoranthene

Concen: 13.33 ng/ul m

RT: 23.98 min Scan# 1537

Delta R.T. 0.01 min

Lab File: BM002743.D

Acq: 28 Sep 2015 20:54

Instrument :

BNA_M

ClientSampleId :

D9G76

Tot Ion:252 Resp: 2183707

Ion Ratio Lower Upper

252 100

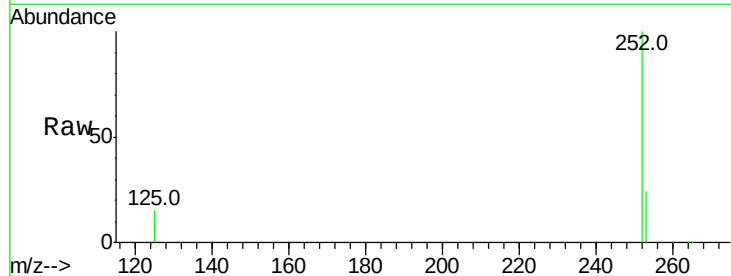
253 23.5 20.8 31.2

125 15.1 12.2 18.4

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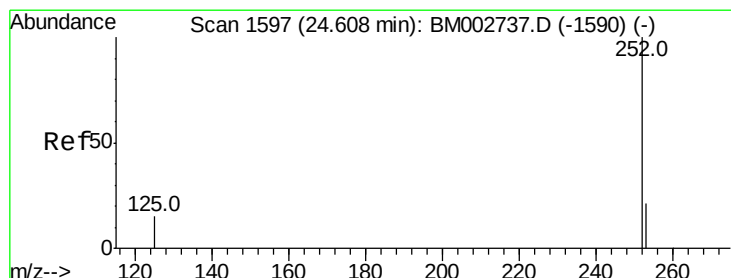
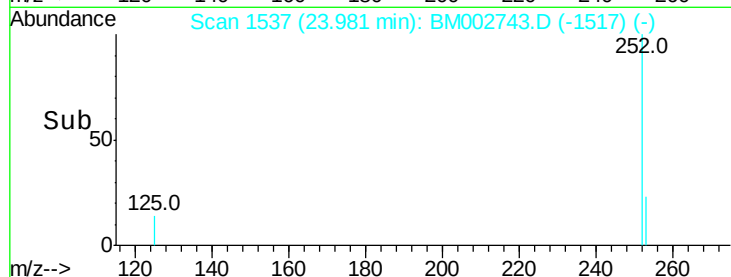
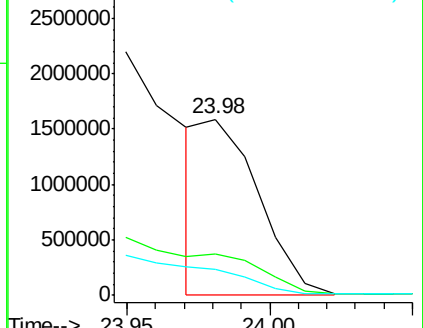
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#25

Benzo(a)pyrene

Concen: 26.97 ng/ul

RT: 24.63 min Scan# 1599

Delta R.T. 0.02 min

Lab File: BM002743.D

Acq: 28 Sep 2015 20:54

Tgt Ion:252 Resp: 4390279

Ion Ratio Lower Upper

252 100

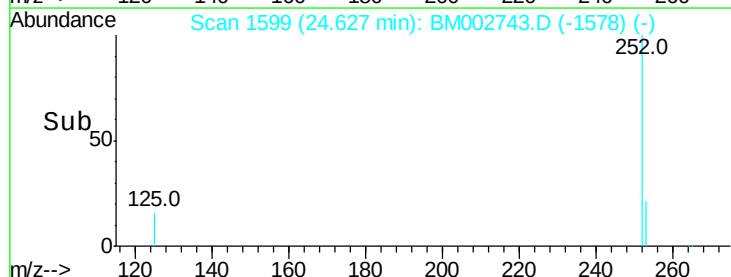
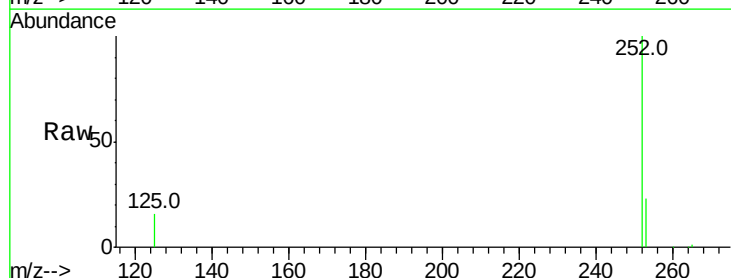
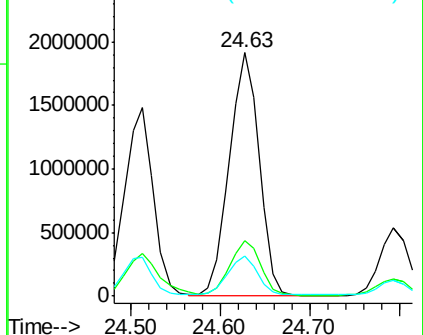
253 22.8 21.8 32.8

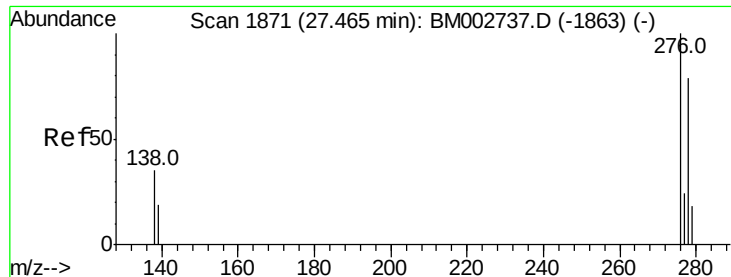
125 16.4 14.5 21.7

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





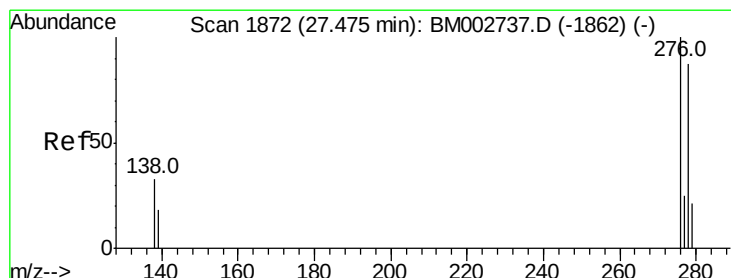
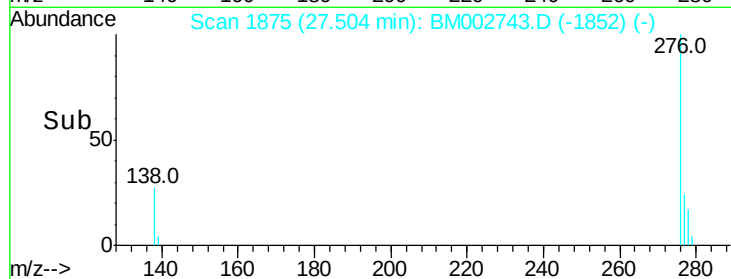
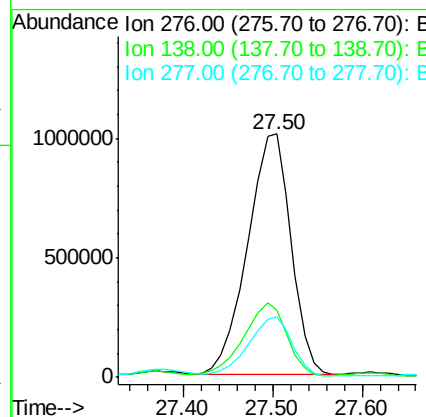
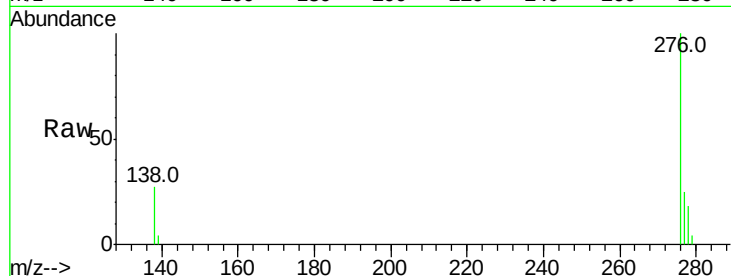
#26
 Indeno(1,2,3-cd)pyrene
 Concen: 18.71 ng/ul
 RT: 27.50 min Scan# 1875
 Delta R.T. 0.04 min
 Lab File: BM002743.D
 Acq: 28 Sep 2015 20:54

Instrument :
 BNA_M
 ClientSampleId :
 D9G76

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.6	27.5	41.3
277	24.6	19.3	28.9

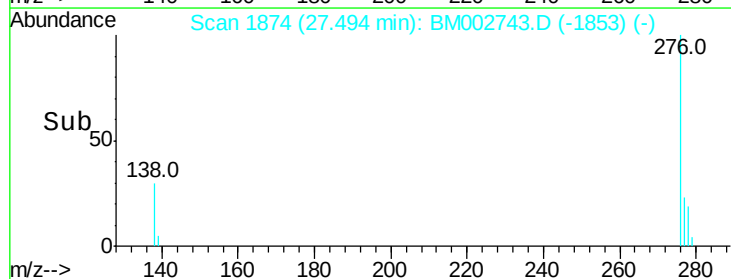
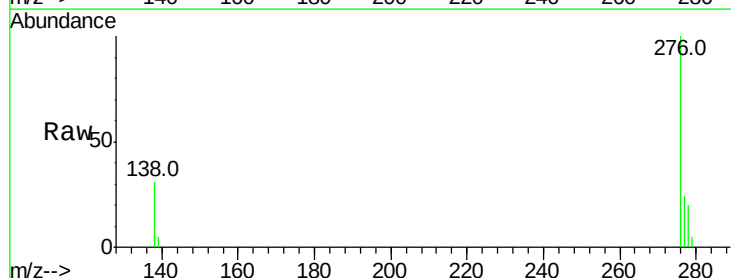
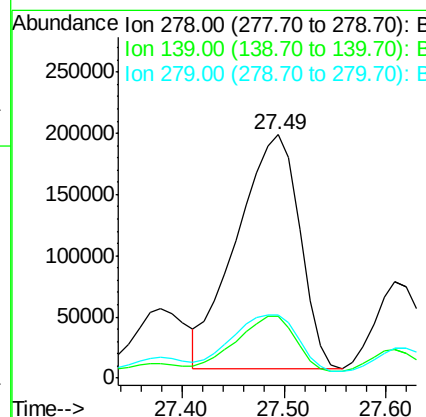
Manual Integrations
 APPROVED

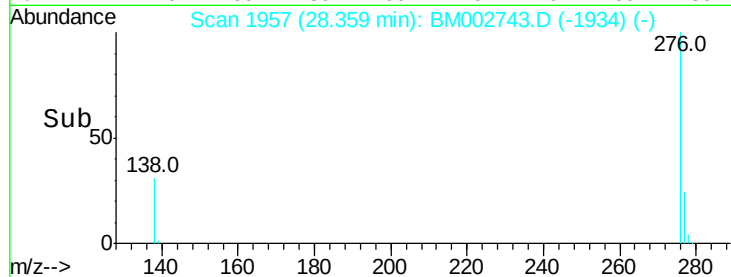
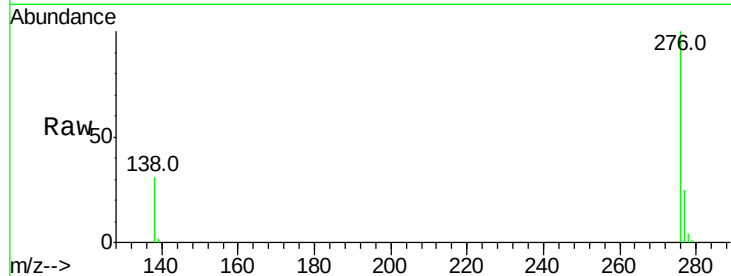
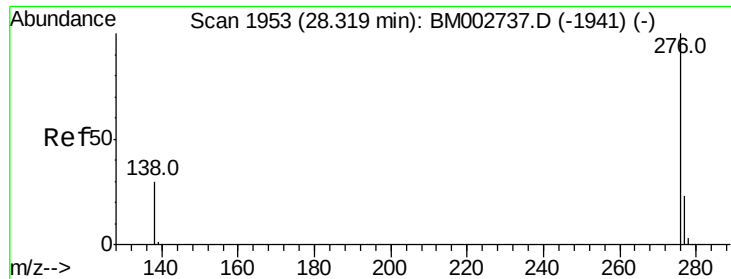
MMDadoda
 9/29/2015 3:43:34 PM



#27
 Dibenzo(a,h)anthracene
 Concen: 5.46 ng/ul
 RT: 27.49 min Scan# 1874
 Delta R.T. 0.02 min
 Lab File: BM002743.D
 Acq: 28 Sep 2015 20:54

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





#28

Benzo(a,h,i)perylene

Concen: 18.82 ng/ul

RT: 28.36 min Scan# 1957

Delta R.T. 0.04 min

Lab File: BM002743.D

Acq: 28 Sep 2015 20:54

Tot Ion: 276 Resp: 2898446

Ion Ratio Lower Upper

276 100

277 24.5 21.3 31.9

138 31.1 25.5 38.3

Instrument :

BNA_M

ClientSampleId :

D9G76

Manual Integrations
APPROVED

MMDadoda
9/29/2015 3:43:34 PM

