

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092815\
 Data File : BM002738.D
 Acq On : 28 Sep 2015 17:51
 Operator : UM/IZ
 Sample : G3798-19
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9G73

Manual Integrations
 APPROVED

MMDadoda
 9/29/2015 3:42:53 PM

Quant Time: Sep 29 06:05:49 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	10206	0.40	ng/ul	0.00
4) Naphthalene-d8	11.60	136	40227	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.33	164	21750	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.03	188	45367	0.40	ng/ul	0.00
18) Chrysene-d12	22.13	240	45177	0.40	ng/ul	0.00
22) Perylene-d12	24.73	264	49108	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.80	96	22287	2.12	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.13	152	7655m	0.13	ng/ul	0.00
16) Fluoranthene-d10	20.01	212	12980	0.11	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	11.65	128	12134	0.11	ng/ul	99
7) 2-Methylnaphthalene	13.20	142	6945	0.10	ng/ul	99
9) Acenaphthylene	15.06	152	126033	1.12	ng/ul	96
10) Acenaphthene	15.38	153	26003	0.32	ng/ul	95
11) Fluorene	16.36	166	40757m	0.44	ng/ul	
14) Phenanthrene	18.08	178	1365598	9.25	ng/ul	97
15) Anthracene	18.17	178	259474	1.90	ng/ul	96
17) Fluoranthene	20.04	202	4333793	26.99	ng/ul	97
19) Pyrene	20.40	202	3628979	20.61	ng/ul	92
20) Benzo(a)anthracene	22.11	228	1679765	11.13	ng/ul	93
21) Chrysene	22.16	228	1876819	12.99	ng/ul	97
23) Benzo(b)fluoranthene	23.93	252	3016336m	17.04	ng/ul	
24) Benzo(k)fluoranthene	23.97	252	738972m	4.51	ng/ul	
25) Benzo(a)pyrene	24.62	252	1643744	10.08	ng/ul	94
26) Indeno(1,2,3-cd)pyrene	27.47	276	1395105	7.67	ng/ul	94
27) Dibenzo(a,h)anthracene	27.46	278	315604	2.12	ng/ul	100
28) Benzo(g,h,i)perylene	28.33	276	1241037	8.05	ng/ul	97

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

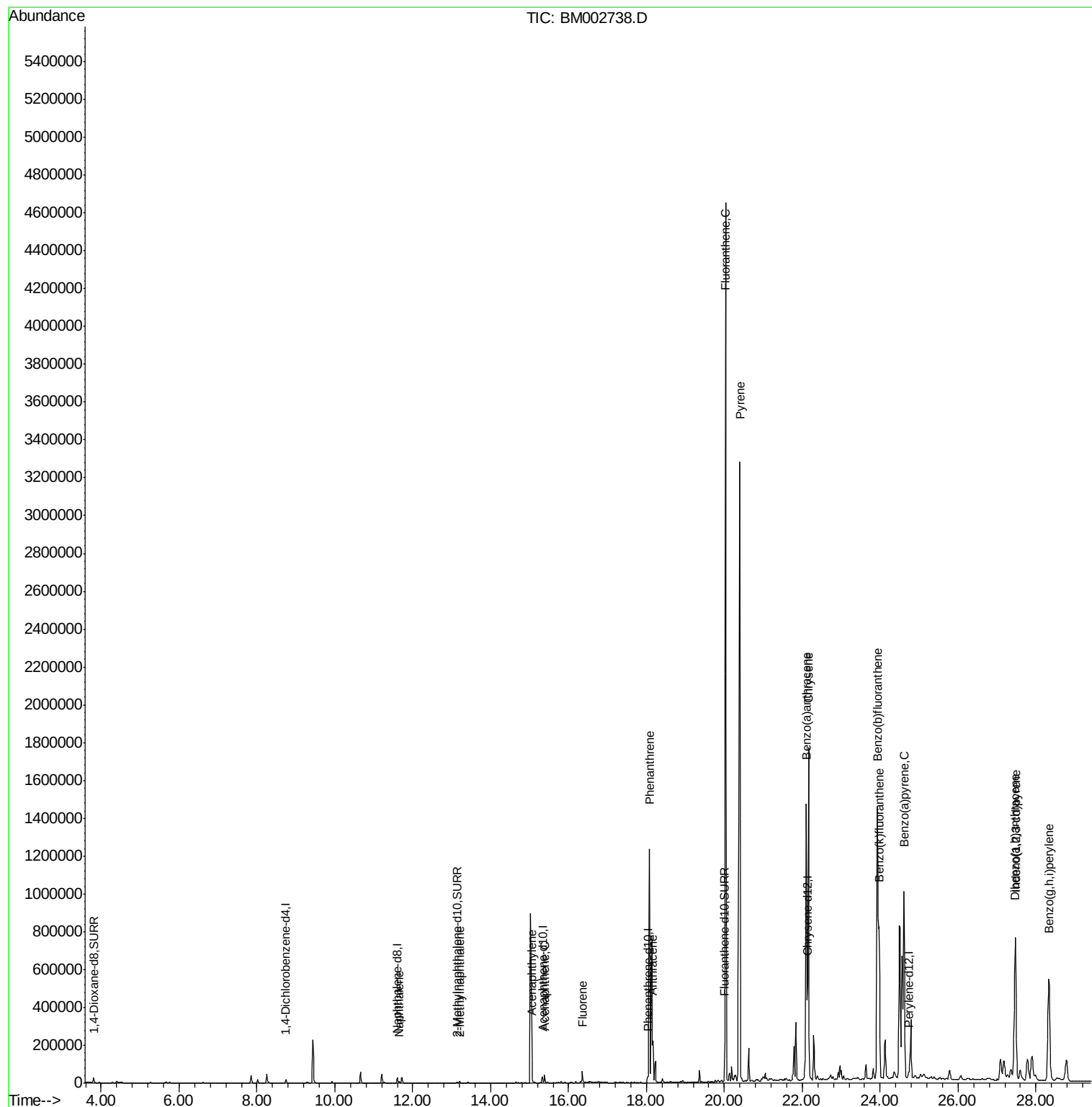
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092815\
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Misc :
ALS Vial : 10 Sample Multiplier: 1

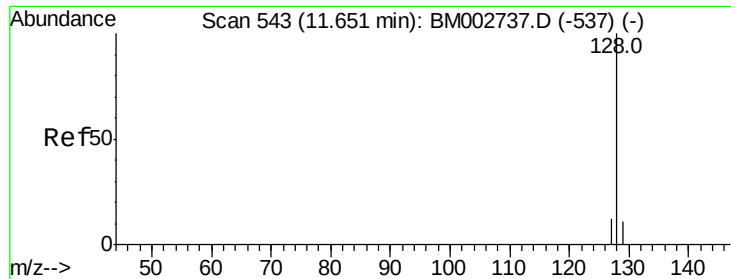
Instrument :
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#5

Naphthalene

Concen: 0.11 ng/ul

RT: 11.65 min Scan# 543

Delta R.T. -0.00 min

Lab File: BM002738.D

Acq: 28 Sep 2015 17:51

Instrument :

BNA_M

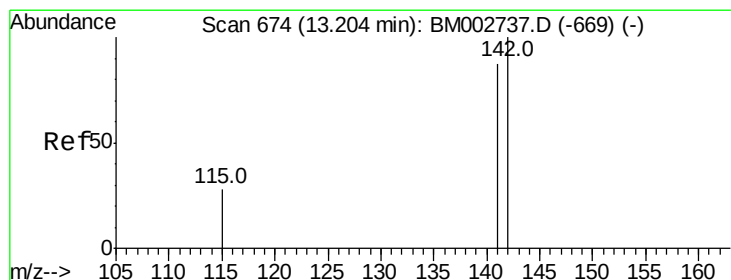
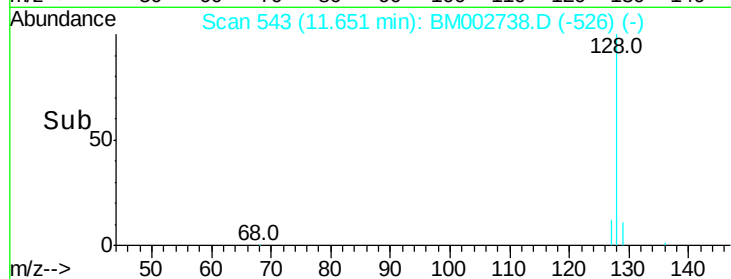
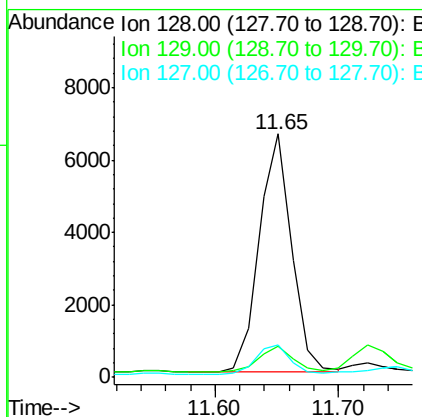
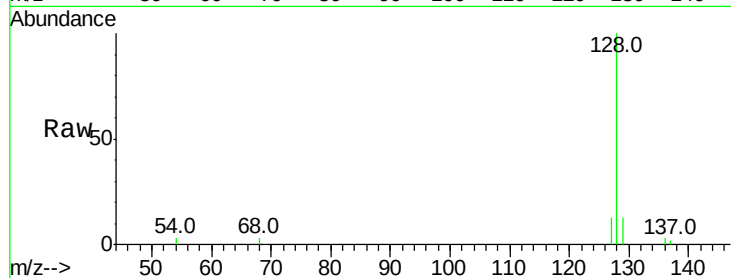
ClientSampleId :

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Tot Ion:	128	Resp:	12134
Ion	Ratio	Lower	Upper
128	100		
129	13.0	9.8	14.8
127	13.1	10.7	16.1



#7

2-Methylnaphthalene

Concen: 0.10 ng/ul

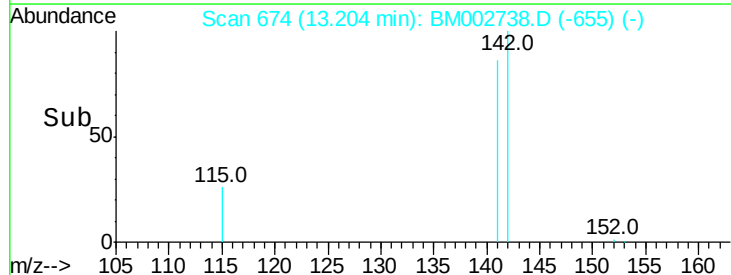
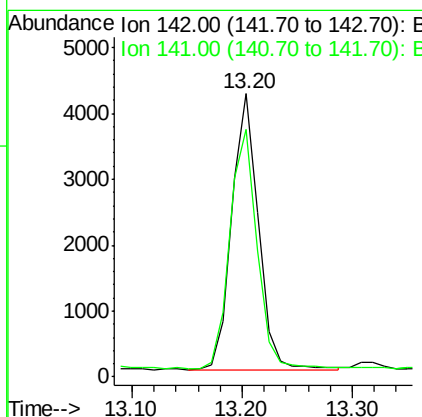
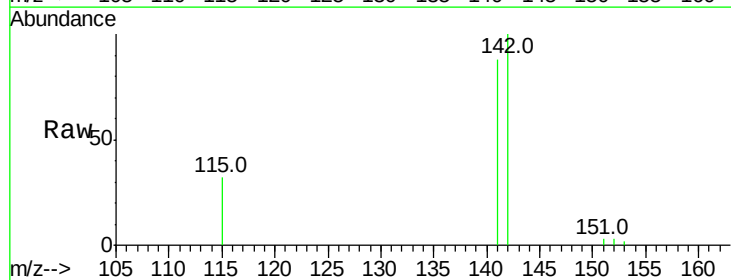
RT: 13.20 min Scan# 674

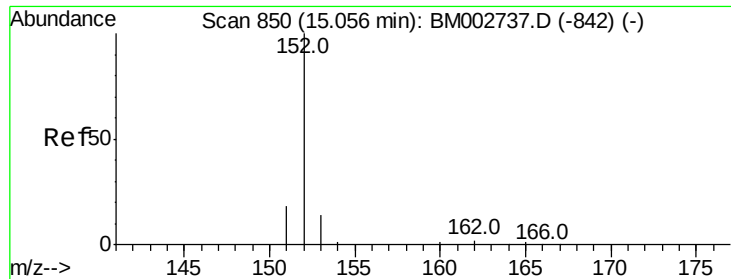
Delta R.T. -0.00 min

Lab File: BM002738.D

Acq: 28 Sep 2015 17:51

Tgt Ion:	142	Resp:	6945
Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.3	105.5





#9

Acenaphthylene

Concen: 1.12 ng/ul

RT: 15.06 min Scan# 850

Delta R.T. -0.00 min

Lab File: BM002738.D

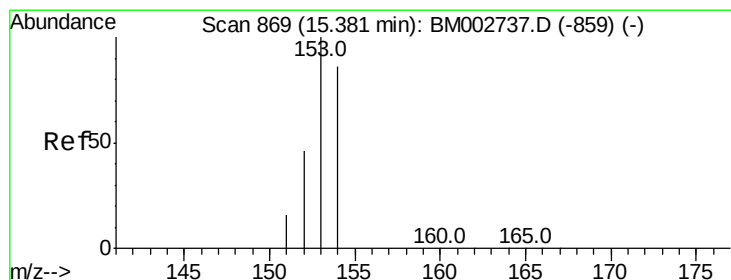
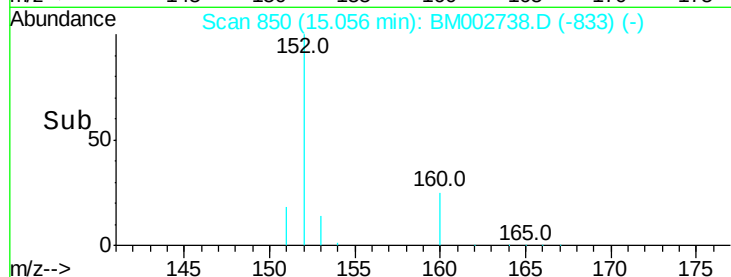
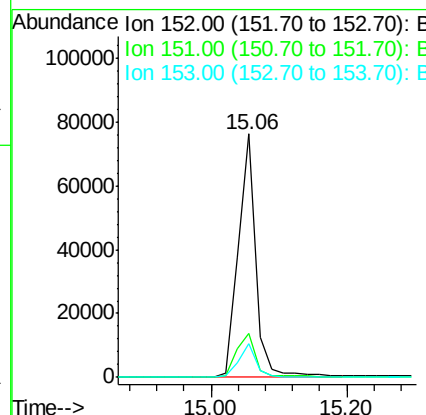
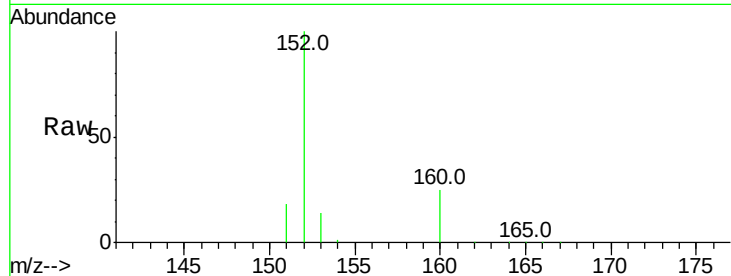
Acq: 28 Sep 2015 17:51

Instrument :
BNA_M
ClientSampleId :
D9G73

Tot Ion	Ion	Ratio	Resp	Lower	Upper
126033	152	100			
	151	18.0		16.8	25.2
	153	13.7		11.3	16.9

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#10

Acenaphthene

Concen: 0.32 ng/ul

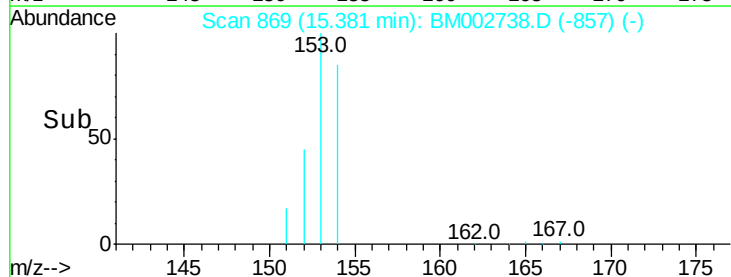
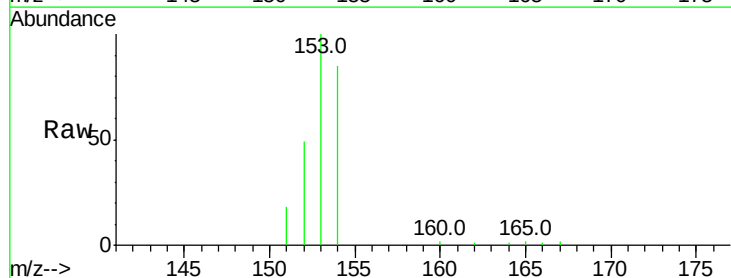
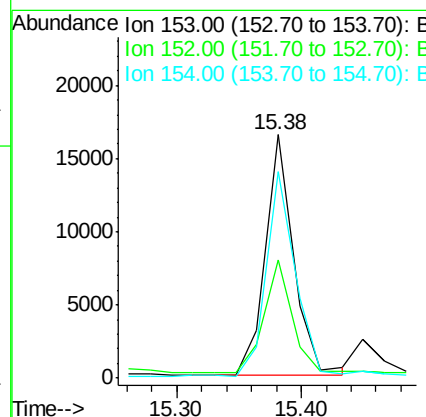
RT: 15.38 min Scan# 869

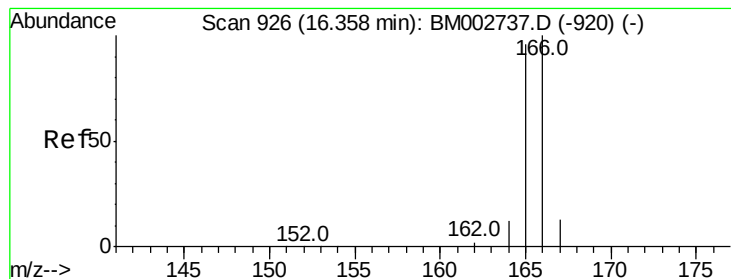
Delta R.T. -0.00 min

Lab File: BM002738.D

Acq: 28 Sep 2015 17:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
26003	153	100			
	152	48.8		42.3	63.5
	154	84.8		64.7	97.1





#11

Fluorene

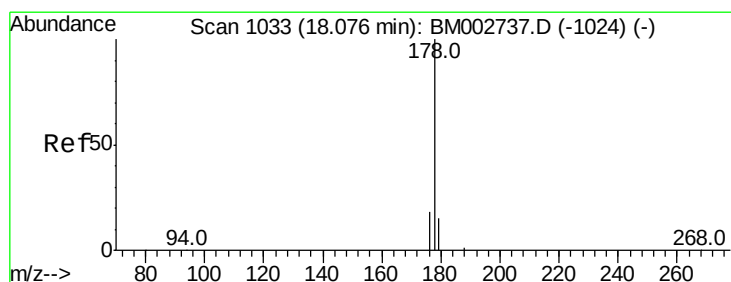
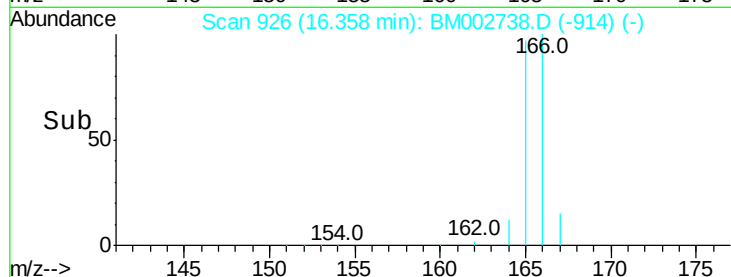
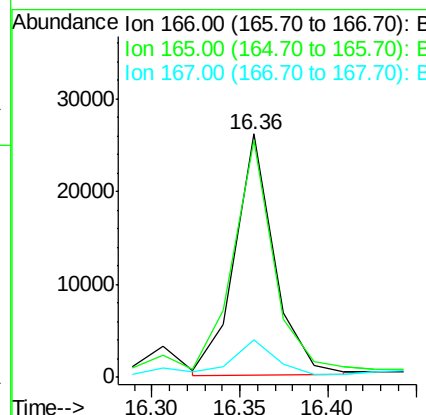
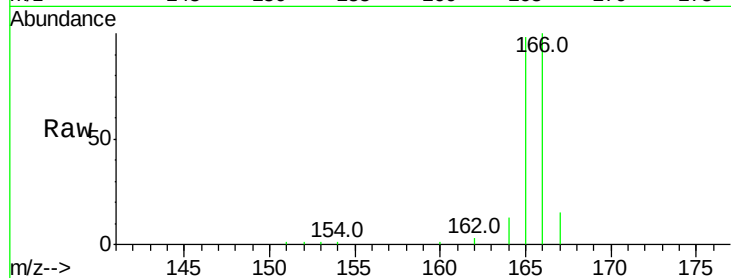
Concen: 0.44 ng/ul m
RT: 16.36 min Scan# 926
Delta R.T. -0.00 min
Lab File: BM002738.D
Acq: 28 Sep 2015 17:51

Instrument :
BNA_M
ClientSampleId :
D9G73

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.5	87.6	131.4
167	15.2	11.1	16.7

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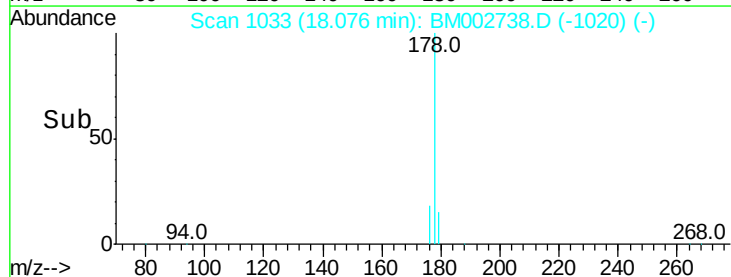
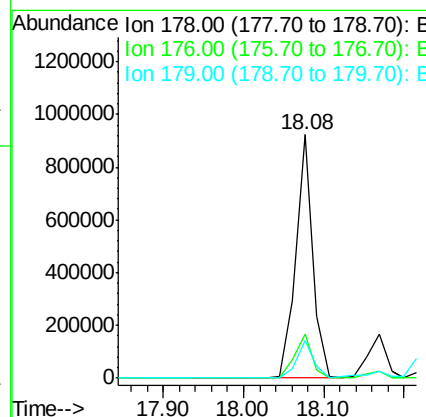
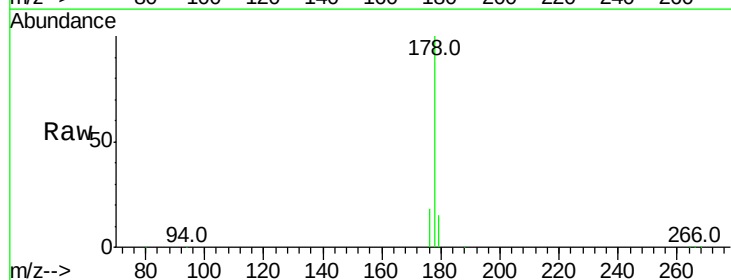


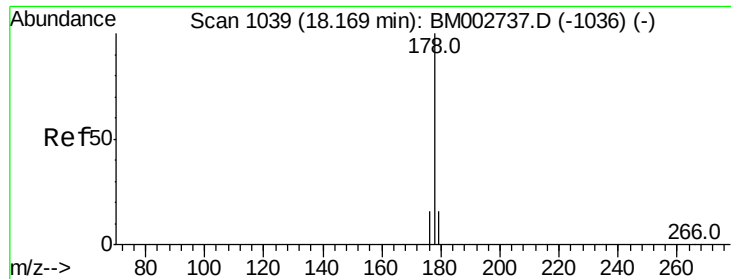
#14

Phenanthrene

Concen: 9.25 ng/ul
RT: 18.08 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BM002738.D
Acq: 28 Sep 2015 17:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	16.2	24.4
179	15.5	12.8	19.2





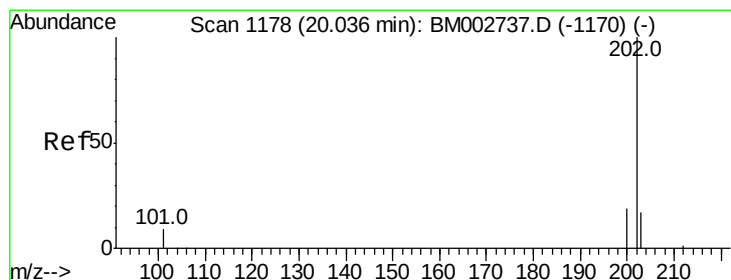
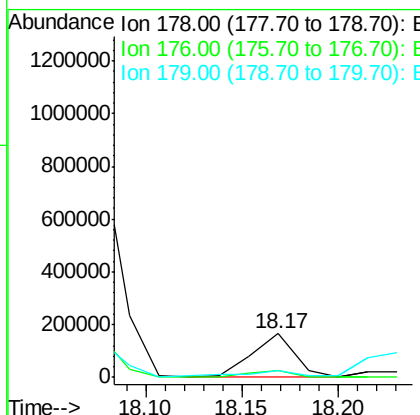
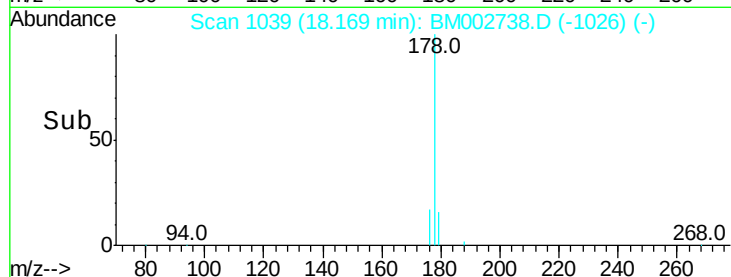
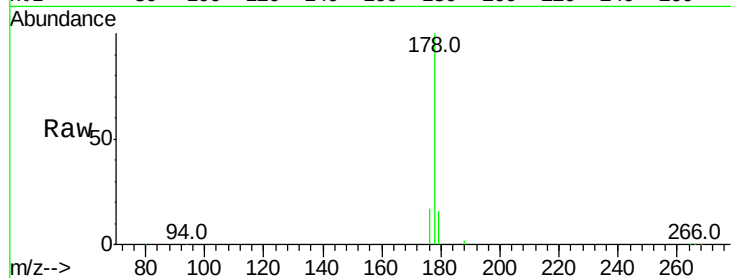
#15
 Anthracene
 Concen: 1.90 ng/ul
 RT: 18.17 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BM002738.D
 Acq: 28 Sep 2015 17:51

Instrument :
 BNA_M
 ClientSampleId :
 D9G73

Tot Ion	Ratio	Lower	Upper
178	100		
176	16.8	15.8	23.8
179	16.3	13.3	19.9

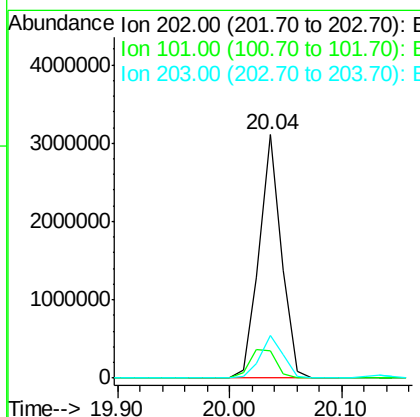
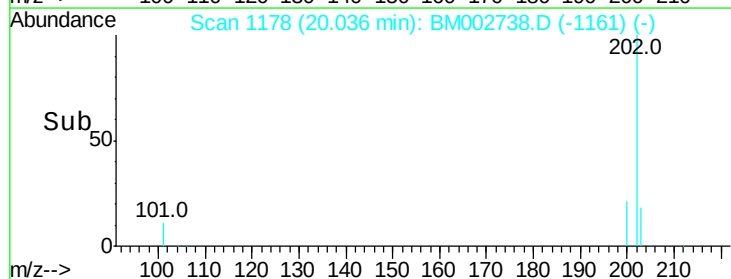
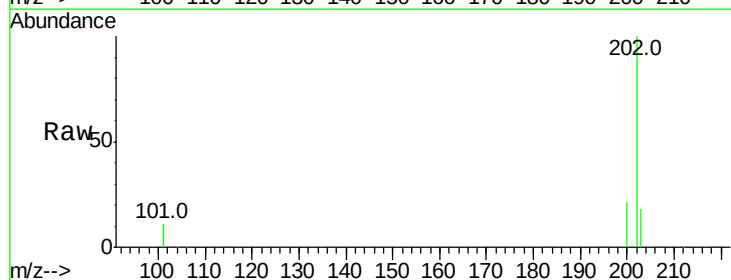
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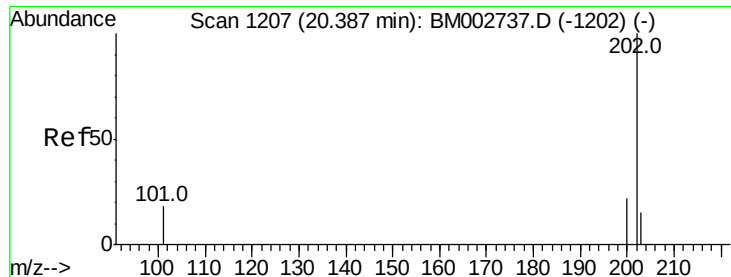
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#17
 Fluoranthene
 Concen: 26.99 ng/ul
 RT: 20.04 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BM002738.D
 Acq: 28 Sep 2015 17:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	33.1
203	17.7	0.0	37.2





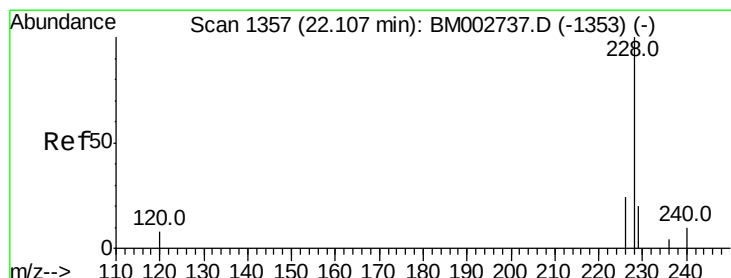
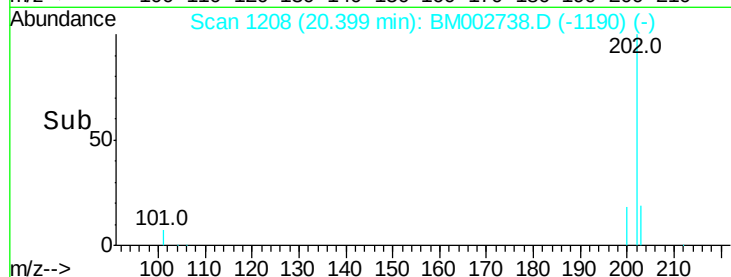
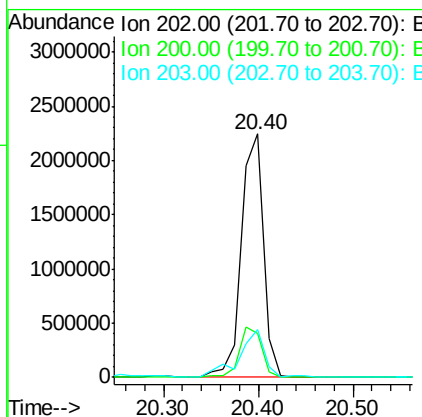
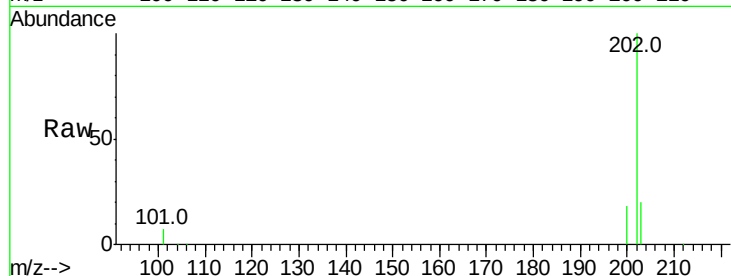
#19
Pvrene
Concen: 20.61 ng/ul
RT: 20.40 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BM002738.D
Acq: 28 Sep 2015 17:51

Instrument :
BNA_M
ClientSampleId :
D9G73

Tot Ion	Ratio	Lower	Upper
202	100		
200	18.2	18.0	27.0
203	19.7	13.8	20.6

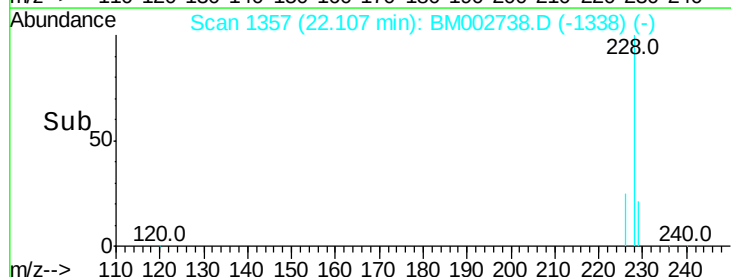
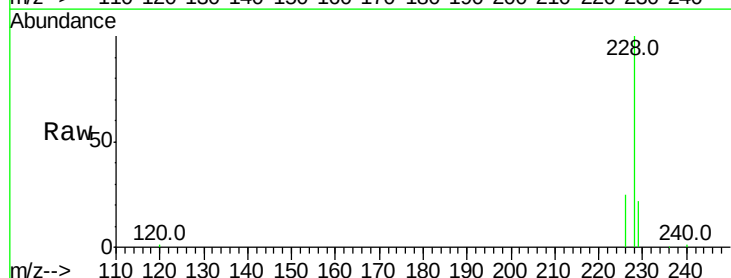
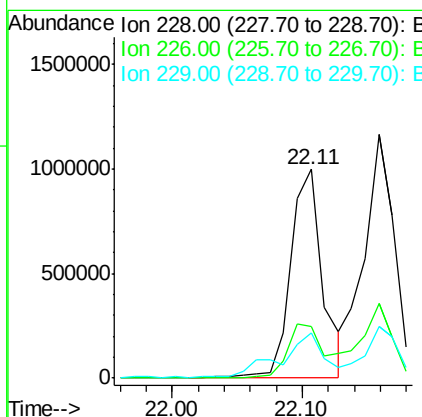
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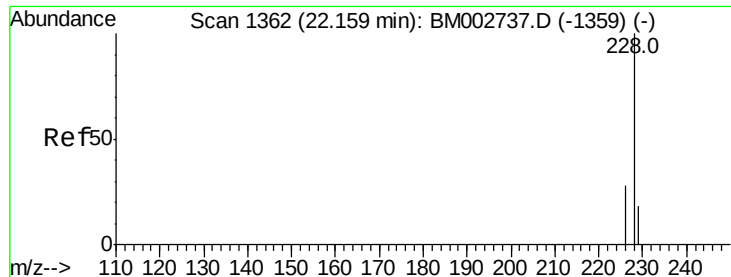
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#20
Benzo(a)anthracene
Concen: 11.13 ng/ul
RT: 22.11 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BM002738.D
Acq: 28 Sep 2015 17:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	24.8	23.0	34.4
229	21.9	15.2	22.8





#21

Chrysene

Concen: 12.99 ng/ul

RT: 22.16 min Scan# 1362

Delta R.T. -0.00 min

Lab File: BM002738.D

Acq: 28 Sep 2015 17:51

Instrument :

BNA_M

ClientSampleId :

D9G73

Tot Ion:228 Resp: 1876819

Ion Ratio Lower Upper

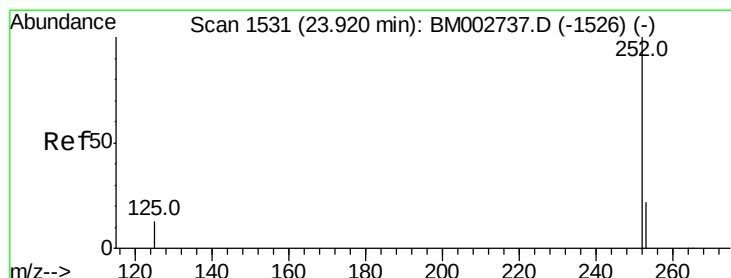
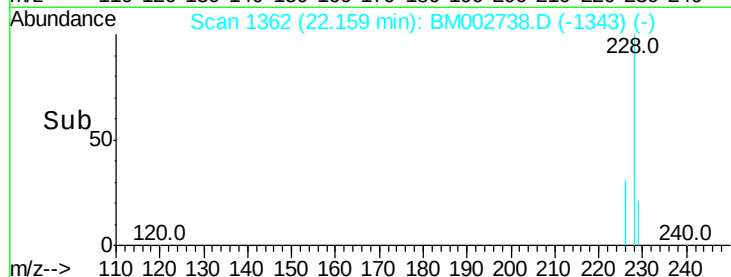
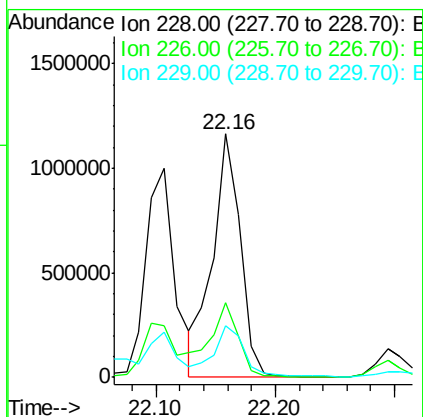
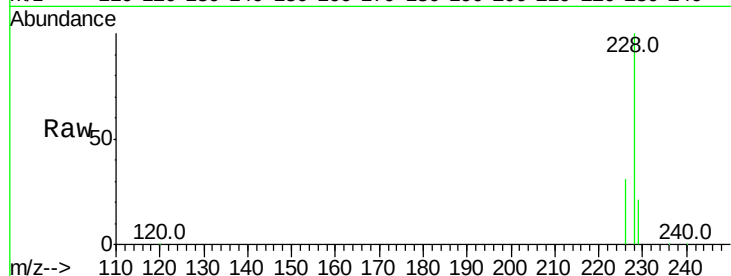
228 100

226 30.7 25.7 38.5

229 21.0 15.2 22.8

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#23

Benzo(b)fluoranthene

Concen: 17.04 ng/ul m

RT: 23.93 min Scan# 1532

Delta R.T. 0.01 min

Lab File: BM002738.D

Acq: 28 Sep 2015 17:51

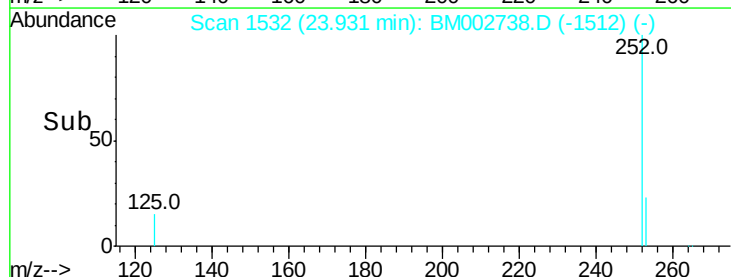
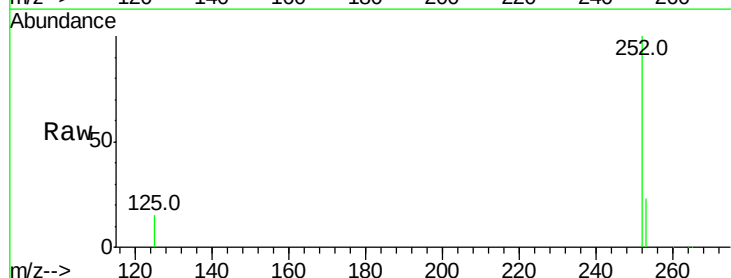
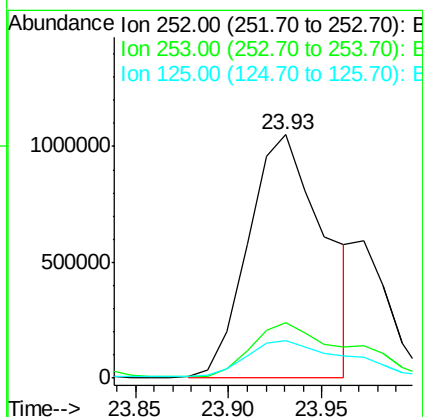
Tgt Ion:252 Resp: 3016336

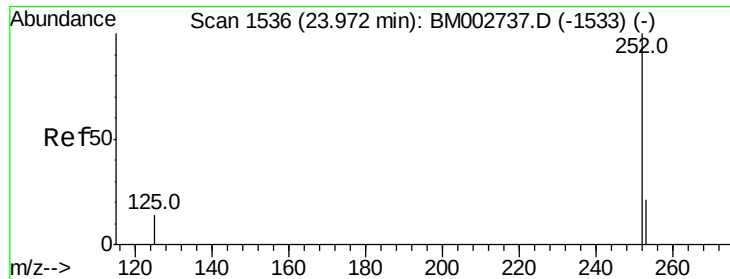
Ion Ratio Lower Upper

252 100

253 23.0 0.0 48.0

125 15.4 0.0 36.6





#24

Benzo(k)fluoranthene

Concen: 4.51 ng/ul m

RT: 23.97 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BM002738.D

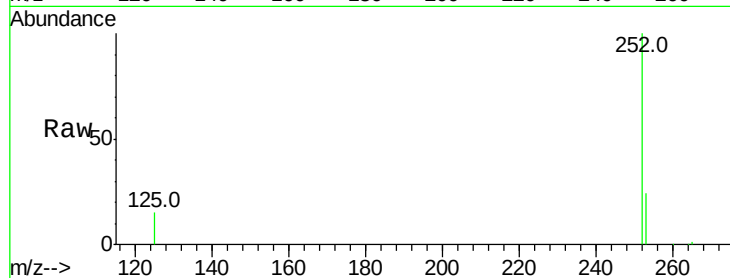
Acq: 28 Sep 2015 17:51

Instrument :

BNA_M

ClientSampleId :

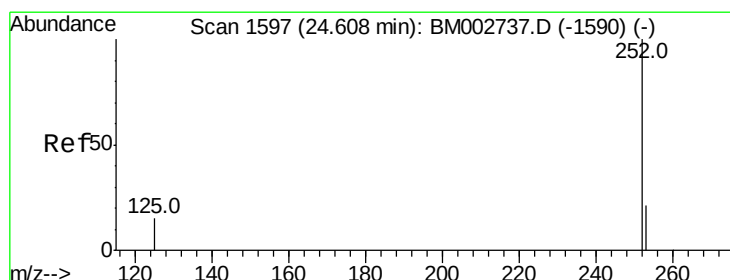
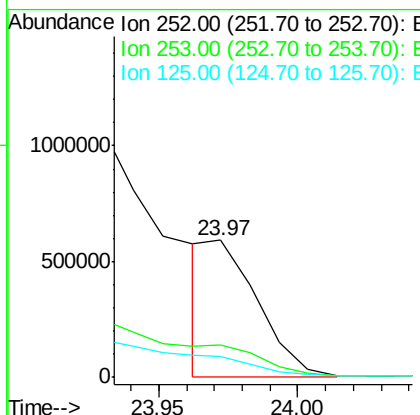
D9G73



Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	20.8	31.2
125	15.0	12.2	18.4

Manual Integrations
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#25

Benzo(a)pyrene

Concen: 10.08 ng/ul

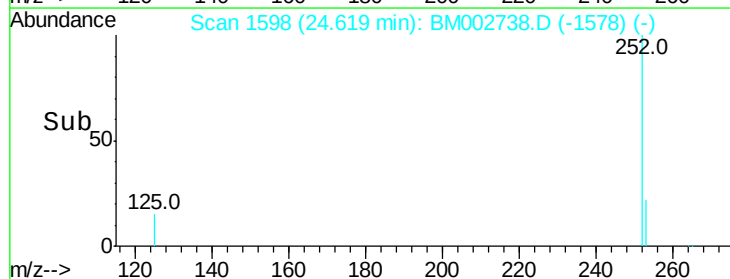
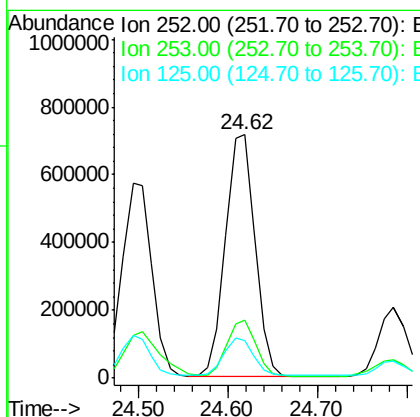
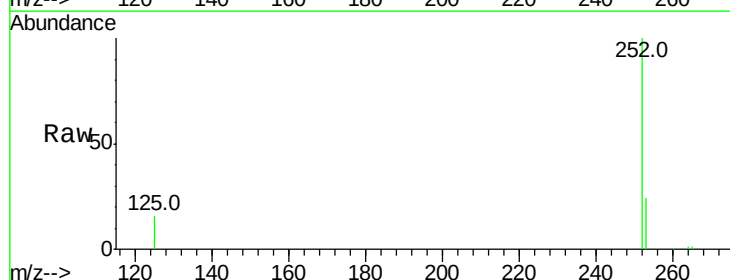
RT: 24.62 min Scan# 1598

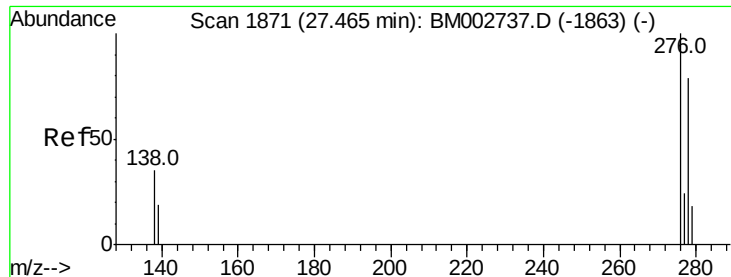
Delta R.T. 0.01 min

Lab File: BM002738.D

Acq: 28 Sep 2015 17:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	21.8	32.8
125	15.7	14.5	21.7





#26

Indeno(1,2,3-cd)pyrene

Concen: 7.67 ng/ul

RT: 27.47 min Scan# 1872

Delta R.T. 0.01 min

Lab File: BM002738.D

Acq: 28 Sep 2015 17:51

Instrument :

BNA_M

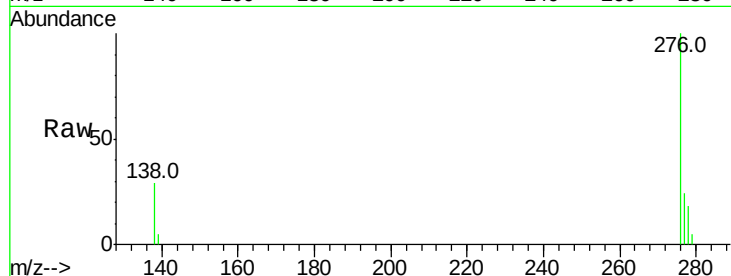
ClientSampleId :

D9G73

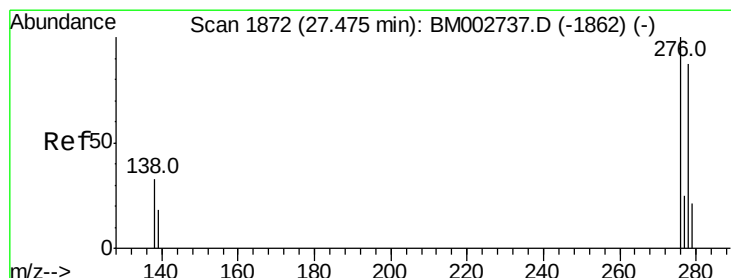
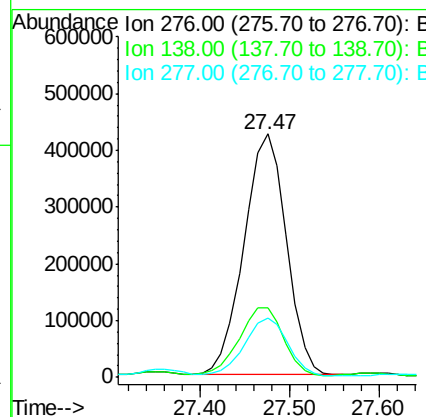
Manual Integrations
APPROVED

MMDadoda

9/29/2015 3:42:53 PM



Tot Ion	276	Resp	1395105
Ion Ratio	Lower	Upper	
276	100		
138	29.1	27.5	41.3
277	24.4	19.3	28.9



#27

Dibenzo(a,h)anthracene

Concen: 2.12 ng/ul

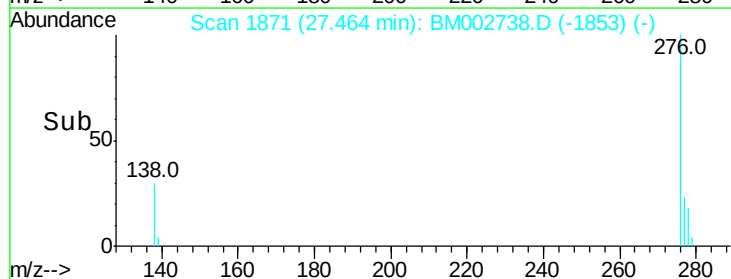
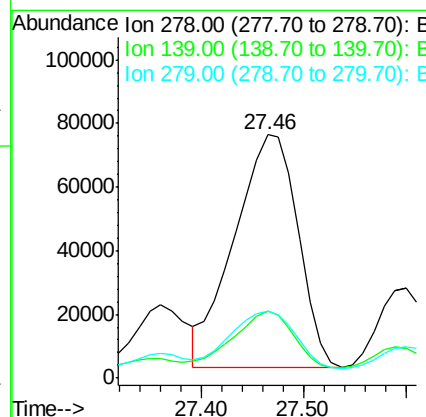
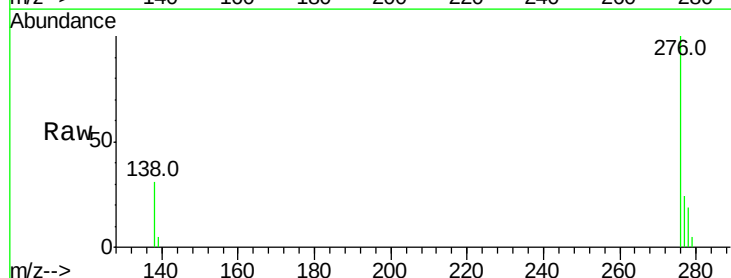
RT: 27.46 min Scan# 1871

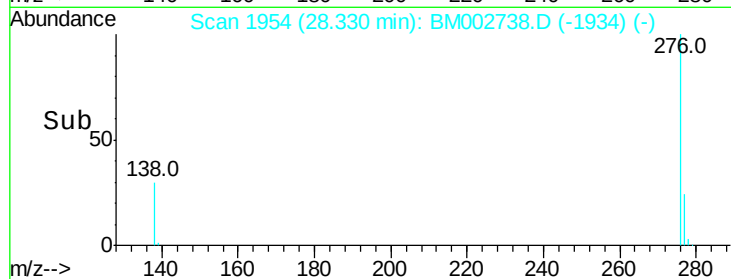
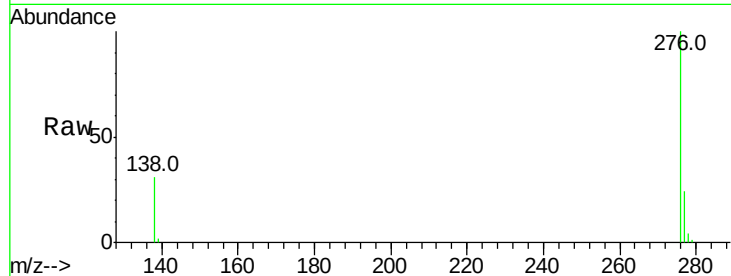
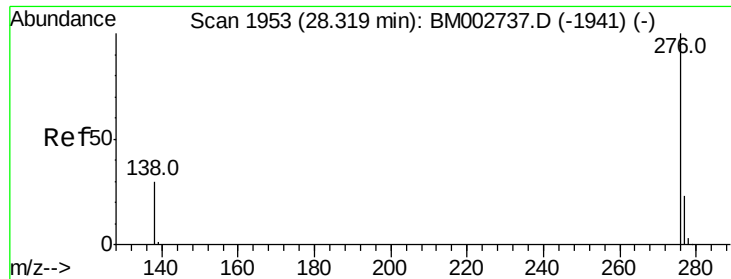
Delta R.T. -0.01 min

Lab File: BM002738.D

Acq: 28 Sep 2015 17:51

Tgt Ion	278	Resp	315604
Ion Ratio	Lower	Upper	
278	100		
139	27.3	21.7	32.5
279	27.6	21.9	32.9





#28

Benzo(a,h,i)perylene

Concen: 8.05 ng/ul

RT: 28.33 min Scan# 1954

Delta R.T. 0.01 min

Lab File: BM002738.D

Acq: 28 Sep 2015 17:51

Tot Ion: 276 Resp: 1241037

Ion Ratio Lower Upper

276 100

277 24.3 21.3 31.9

138 30.8 25.5 38.3

Instrument :

BNA_M

ClientSampleId :

D9G73

Manual Integrations
APPROVED

MMDadoda
9/29/2015 3:42:53 PM

