

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092815\
 Data File : BM002739.D
 Acq On : 28 Sep 2015 18:28
 Operator : UM/IZ
 Sample : G3798-20MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9G73MS

Manual Integrations
 APPROVED

MMDadoda
 9/29/2015 3:42:58 PM

Quant Time: Sep 29 07:07:16 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	10304	0.40	ng/ul	0.00
4) Naphthalene-d8	11.60	136	40307	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.33	164	21653	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.03	188	44600	0.40	ng/ul	0.00
18) Chrysene-d12	22.13	240	43711	0.40	ng/ul	0.00
22) Perylene-d12	24.73	264	49326	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.80	96	23141	2.18	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.13	152	7790m	0.13	ng/ul	0.00
16) Fluoranthene-d10	20.01	212	12563	0.11	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	11.65	128	16583	0.15	ng/ul	100
7) 2-Methylnaphthalene	13.20	142	7529	0.11	ng/ul	99
9) Acenaphthylene	15.06	152	88562	0.79	ng/ul	96
10) Acenaphthene	15.38	153	942624	11.57	ng/ul	94
11) Fluorene	16.36	166	78386	0.84	ng/ul	90
13) Pentachlorophenol	17.69	266	88068	10.11	ng/ul	95
14) Phenanthrene	18.08	178	1678551	11.57	ng/ul	97
15) Anthracene	18.17	178	337911	2.52	ng/ul	96
17) Fluoranthene	20.03	202	3824669	24.23	ng/ul	98
19) Pyrene	20.40	202	4350858	25.54	ng/ul	96
20) Benzo(a)anthracene	22.10	228	1408351	9.64	ng/ul	96
21) Chrysene	22.17	228	1628196m	11.64	ng/ul	
23) Benzo(b)fluoranthene	23.93	252	2393921m	13.46	ng/ul	
24) Benzo(k)fluoranthene	23.97	252	741311m	4.50	ng/ul	
25) Benzo(a)pyrene	24.62	252	1315663	8.04	ng/ul	94
26) Indeno(1,2,3-cd)pyrene	27.47	276	1147435	6.28	ng/ul	94
27) Dibenzo(a,h)anthracene	27.47	278	265529	1.77	ng/ul	98
28) Benzo(a,h,i)perylene	28.34	276	1000485	6.46	ng/ul	97

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

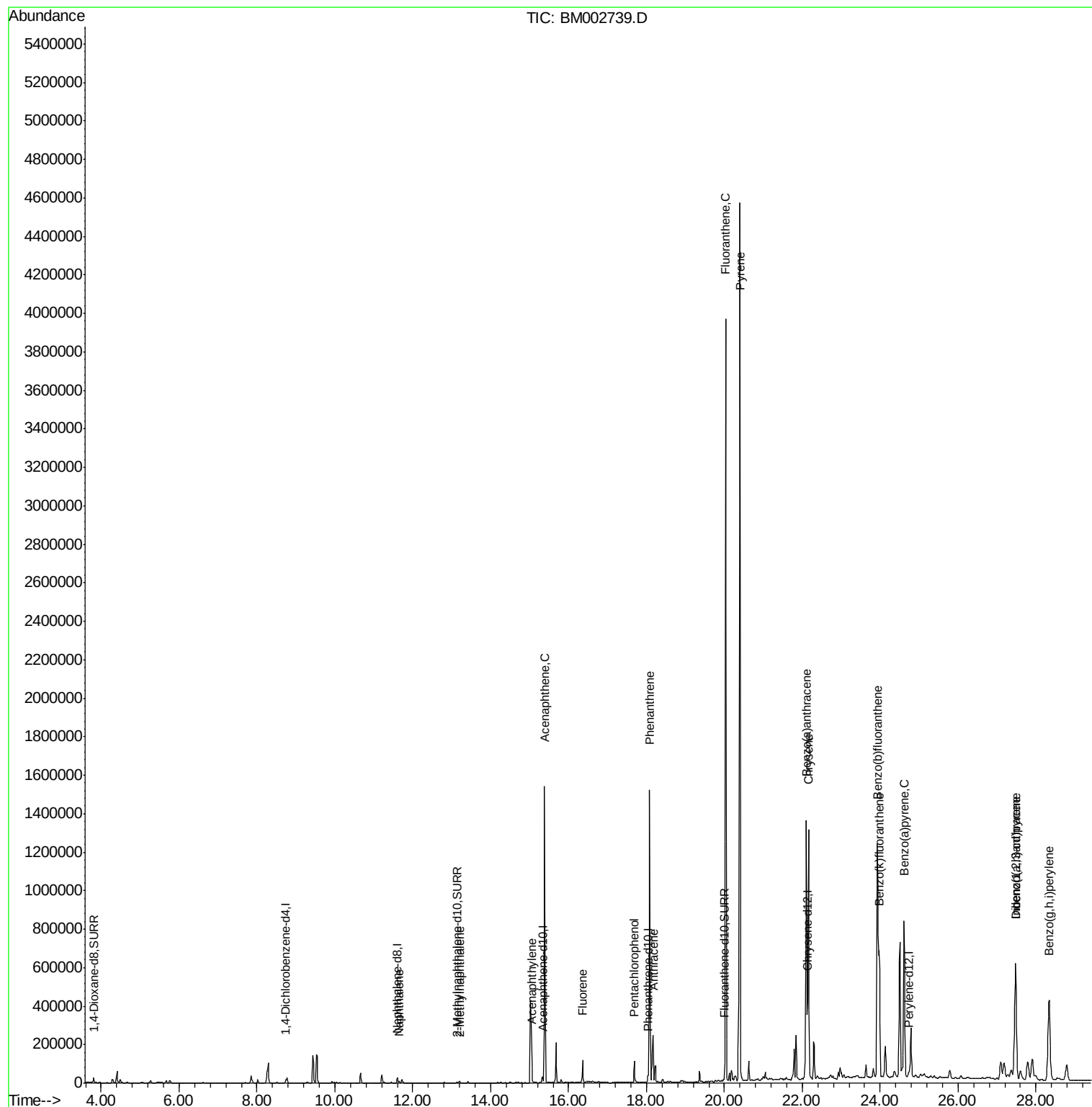
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092815\
Data File : BM002739.D
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Misc :
ALS Vial : 11 Sample Multiplier: 1

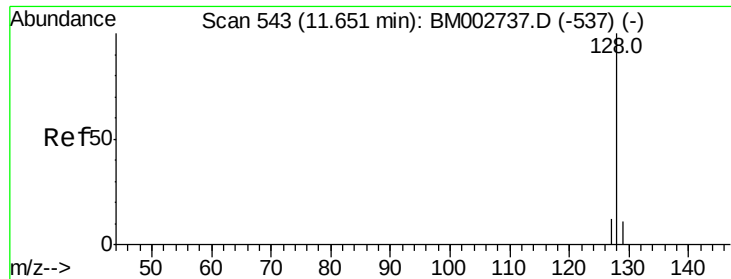
Instrument :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM092415.M
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#5

Naphthalene

Concen: 0.15 ng/ul

RT: 11.65 min Scan# 543

Delta R.T. -0.00 min

Lab File: BM002739.D

Acq: 28 Sep 2015 18:28

Instrument :

BNA_M

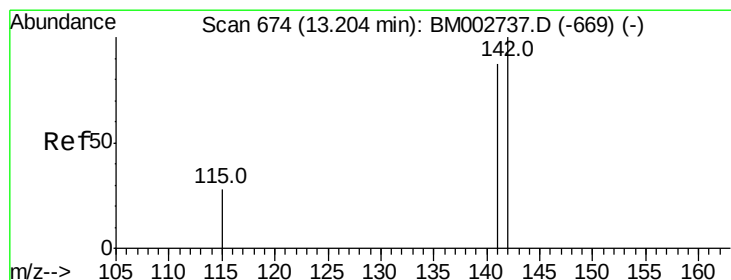
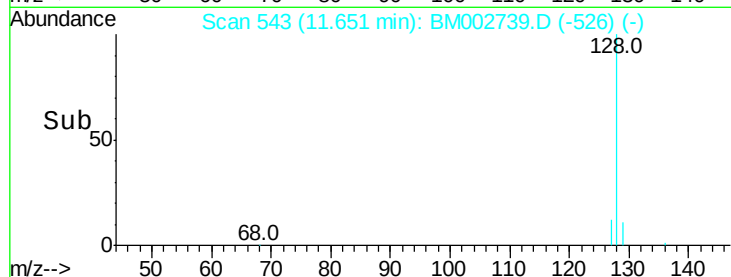
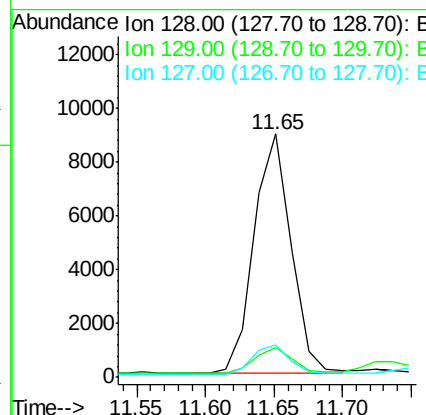
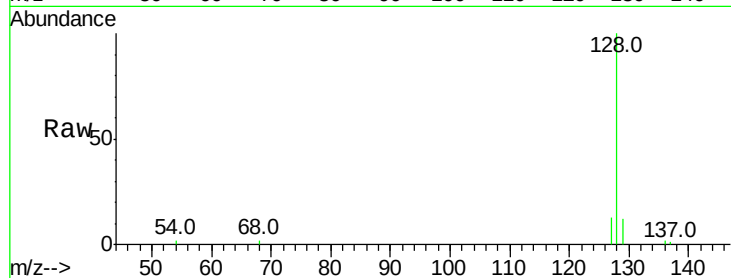
ClientSampleId :

D9G73MS

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Tot Ion:128	Resp:	16583
Ion Ratio	Lower	Upper
128 100		
129 12.5	9.8	14.8
127 13.2	10.7	16.1



#7

2-Methylnaphthalene

Concen: 0.11 ng/ul

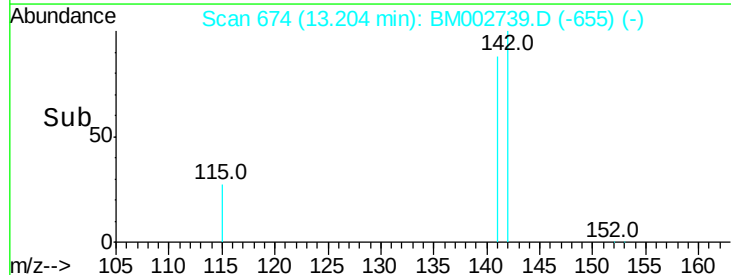
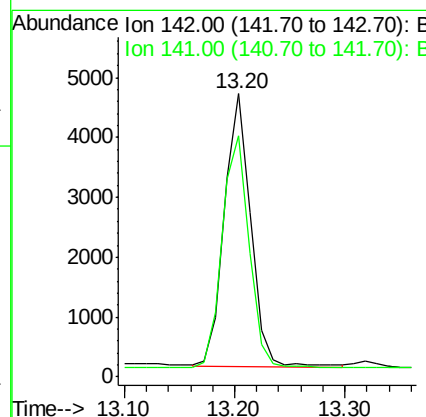
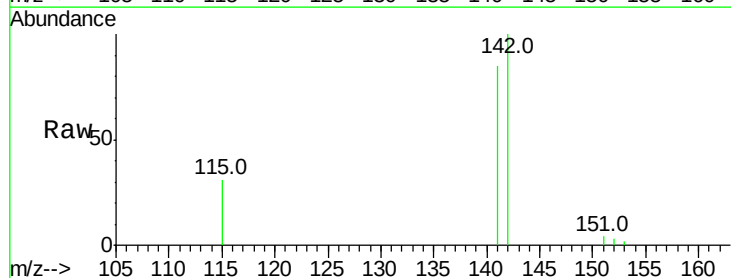
RT: 13.20 min Scan# 674

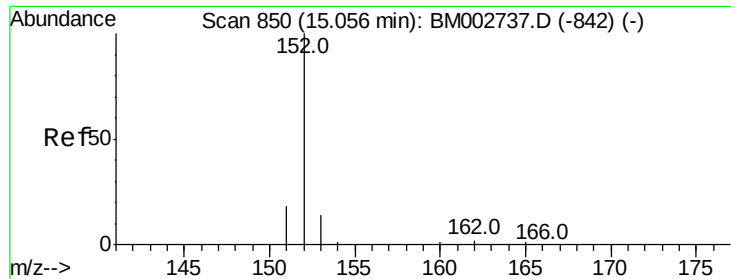
Delta R.T. -0.00 min

Lab File: BM002739.D

Acq: 28 Sep 2015 18:28

Tgt Ion:142	Resp:	7529
Ion Ratio	Lower	Upper
142 100		
141 87.1	70.3	105.5





#9

Acenaphthylene

Concen: 0.79 ng/ul

RT: 15.06 min Scan# 850

Delta R.T. -0.00 min

Lab File: BM002739.D

Acq: 28 Sep 2015 18:28

Instrument :

BNA_M

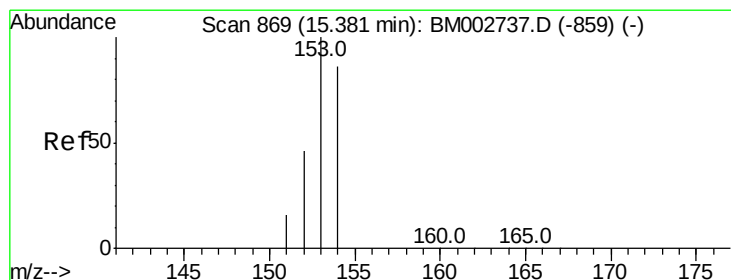
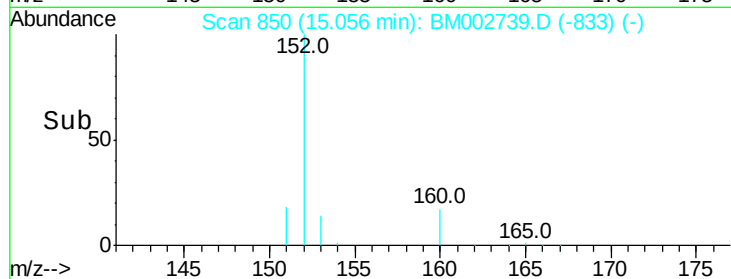
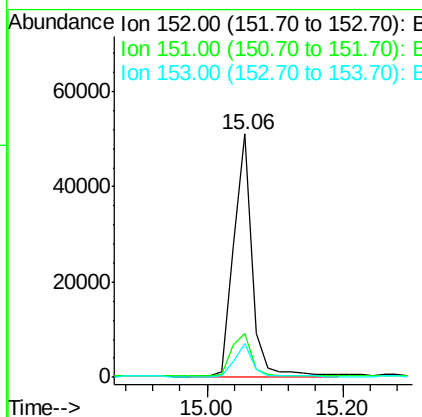
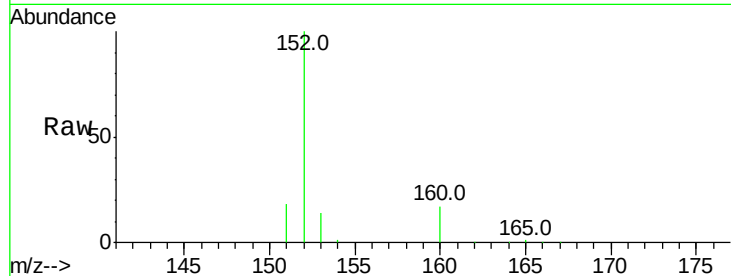
ClientSampleId :

D9G73MS

Tot Ion:	152	Resp:	88562
Ion Ratio	Lower	Upper	
152	100		
151	18.1	16.8	25.2
153	14.0	11.3	16.9

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#10

Acenaphthene

Concen: 11.57 ng/ul

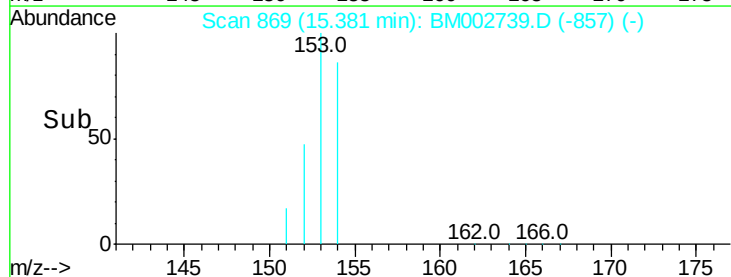
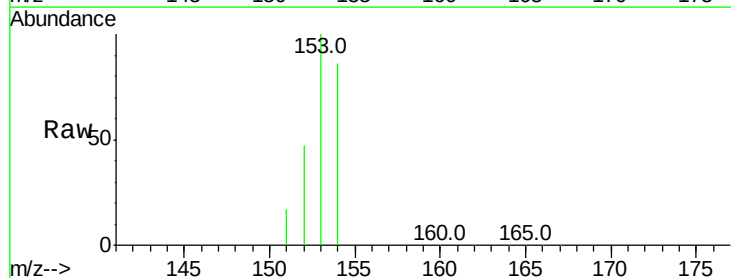
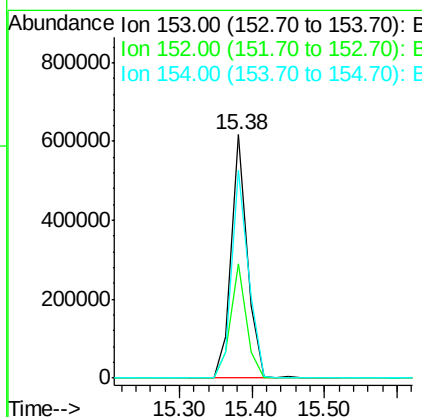
RT: 15.38 min Scan# 869

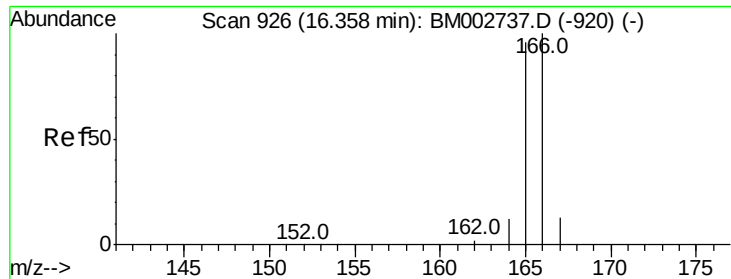
Delta R.T. -0.00 min

Lab File: BM002739.D

Acq: 28 Sep 2015 18:28

Tgt Ion:	153	Resp:	942624
Ion Ratio	Lower	Upper	
153	100		
152	47.0	42.3	63.5
154	85.6	64.7	97.1





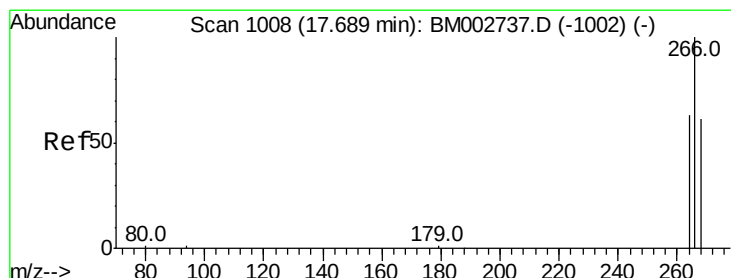
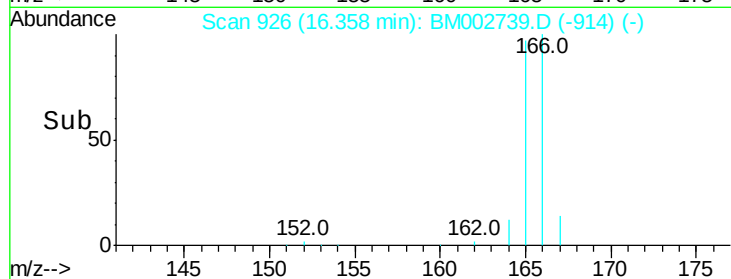
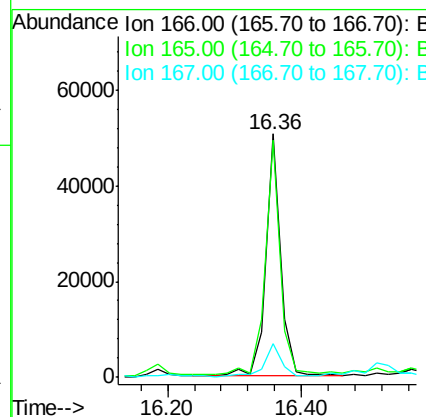
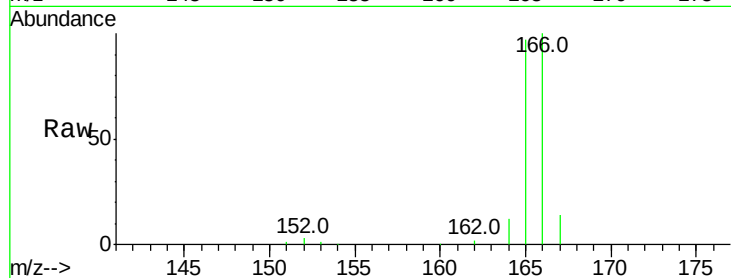
#11
Fluorene
Concen: 0.84 ng/ul
RT: 16.36 min Scan# 926
Delta R.T. -0.00 min
Lab File: BM002739.D
Acq: 28 Sep 2015 18:28

Instrument :
BNA_M
ClientSampleId :
D9G73MS

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.4	87.6	131.4
167	14.1	11.1	16.7

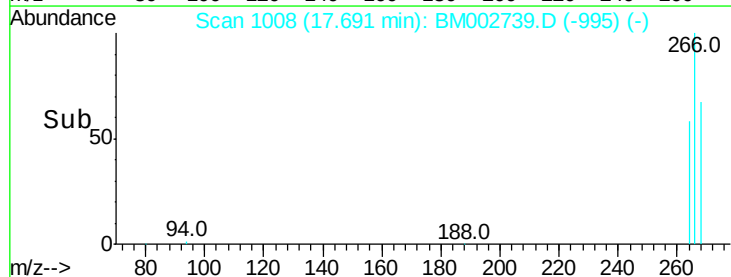
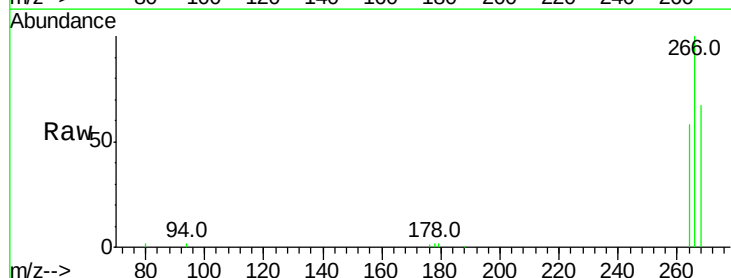
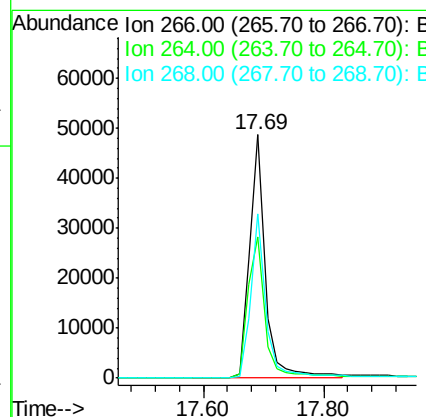
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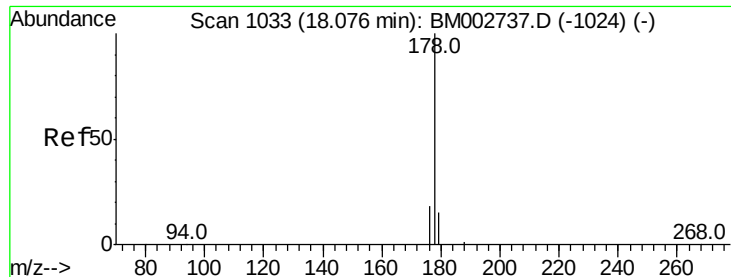
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#13
Pentachlorophenol
Concen: 10.11 ng/ul
RT: 17.69 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BM002739.D
Acq: 28 Sep 2015 18:28

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.8	53.5	80.3
268	63.8	54.2	81.2





#14

Phenanthrene

Concen: 11.57 ng/ul

RT: 18.08 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BM002739.D

Acq: 28 Sep 2015 18:28

Instrument :

BNA_M

ClientSampleId :

D9G73MS

Tot Ion:178 Resp: 1678551

Ion Ratio Lower Upper

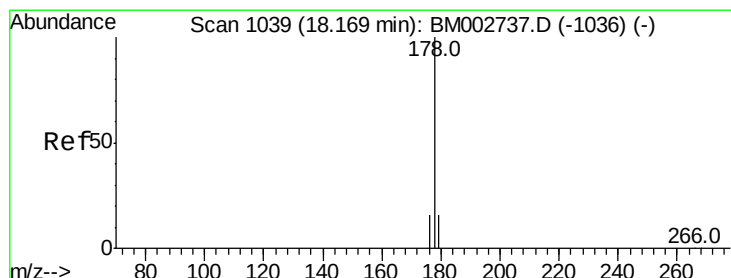
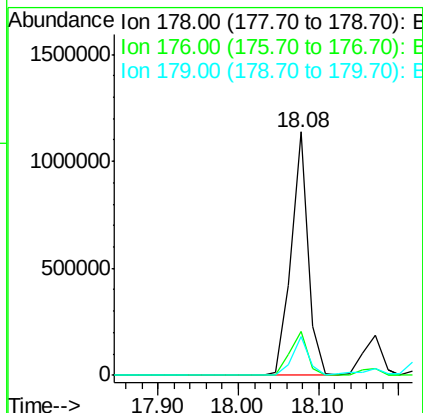
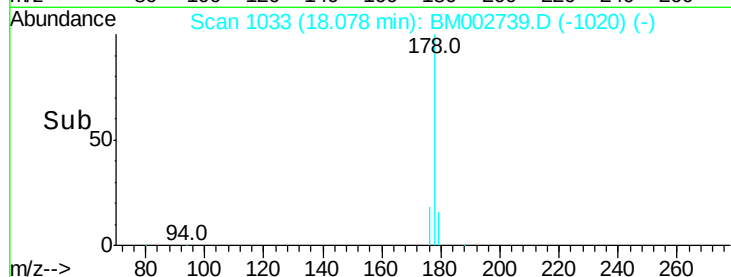
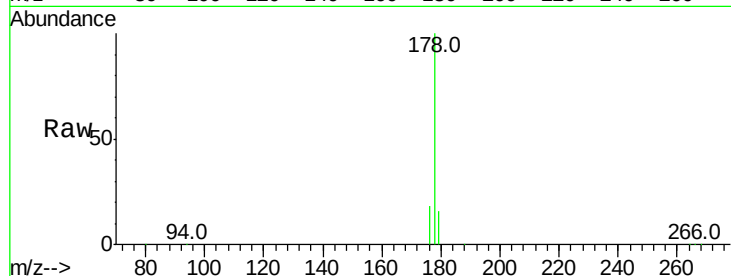
178 100

176 17.9 16.2 24.4

179 15.9 12.8 19.2

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#15

Anthracene

Concen: 2.52 ng/ul

RT: 18.17 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BM002739.D

Acq: 28 Sep 2015 18:28

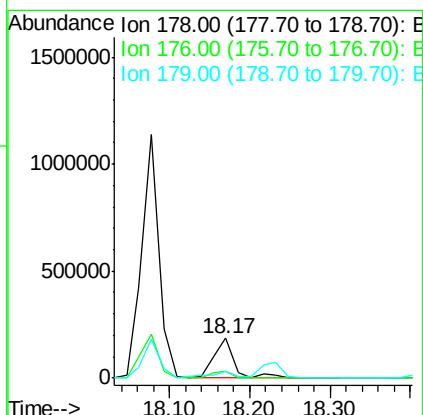
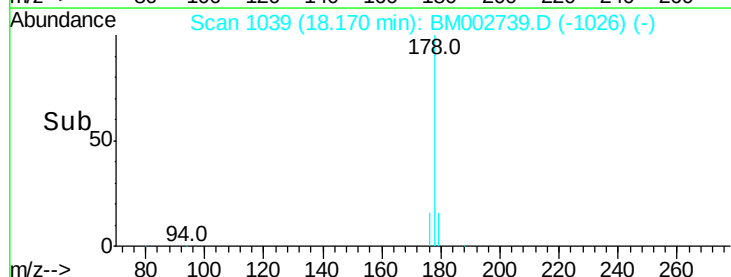
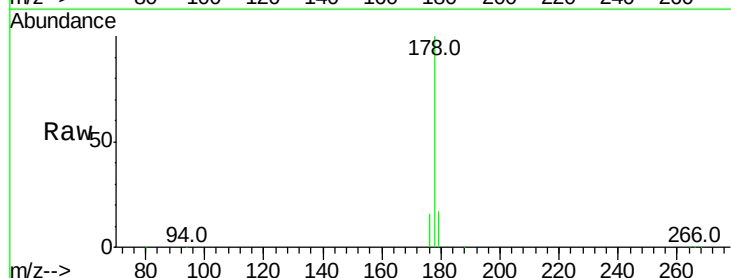
Tgt Ion:178 Resp: 337911

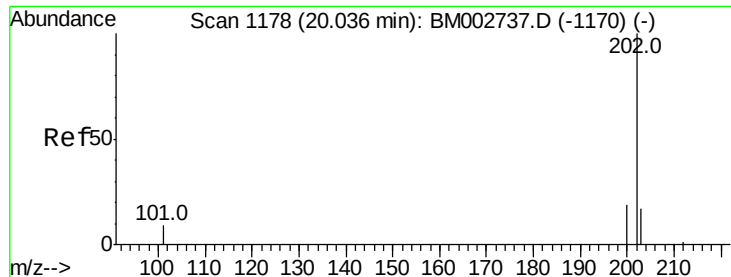
Ion Ratio Lower Upper

178 100

176 16.5 15.8 23.8

179 16.7 13.3 19.9





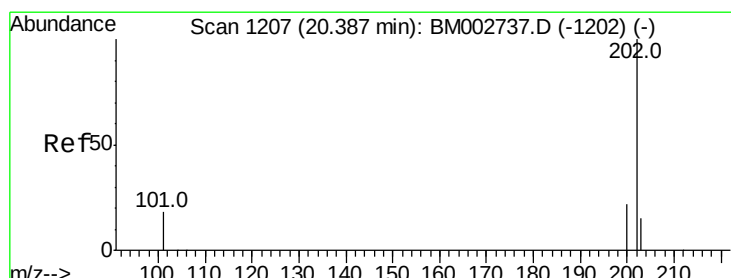
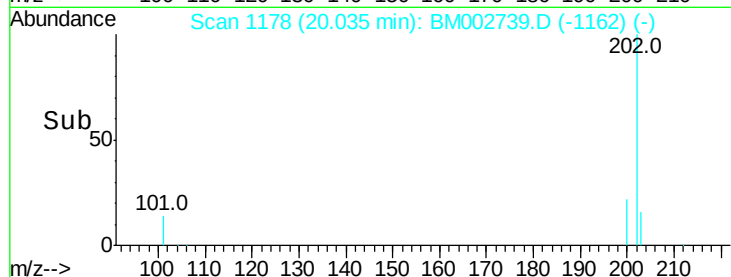
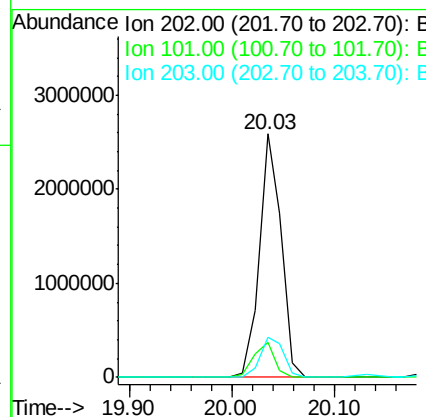
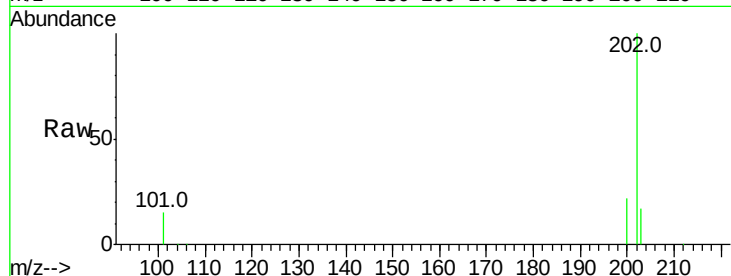
#17
Fluoranthene
 Concen: 24.23 ng/ul
 RT: 20.03 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BM002739.D
 Acq: 28 Sep 2015 18:28

Instrument :
 BNA_M
 ClientSampleId :
 D9G73MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	33.1
203	16.6	0.0	37.2

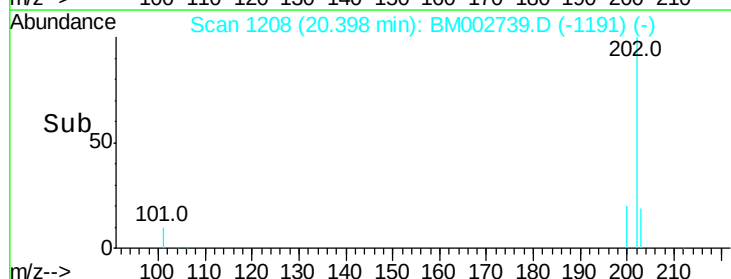
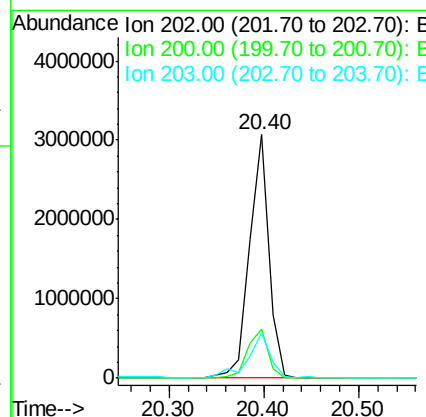
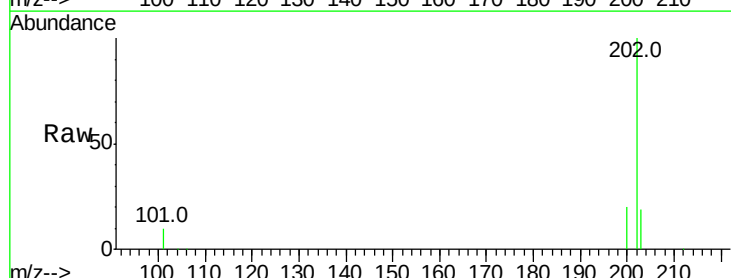
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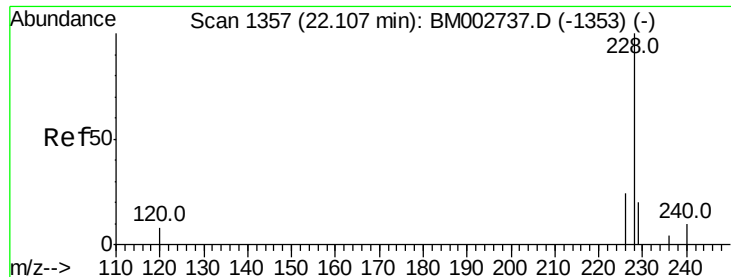
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#19
Pyrene
 Concen: 25.54 ng/ul
 RT: 20.40 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BM002739.D
 Acq: 28 Sep 2015 18:28

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.1	18.0	27.0
203	18.7	13.8	20.6





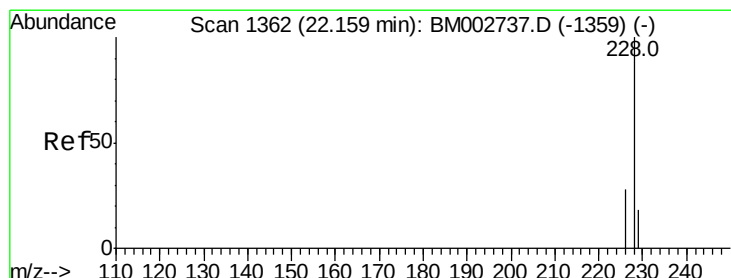
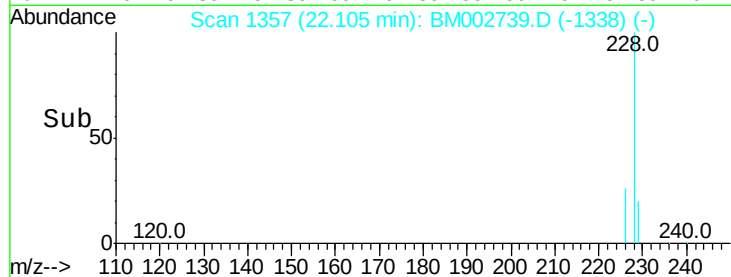
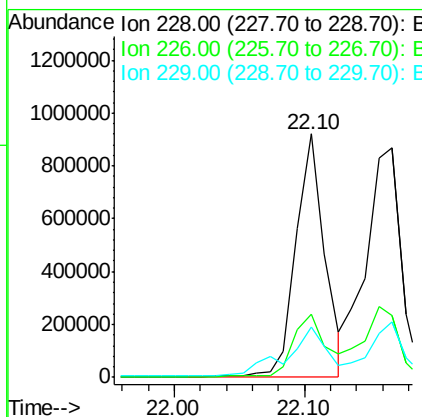
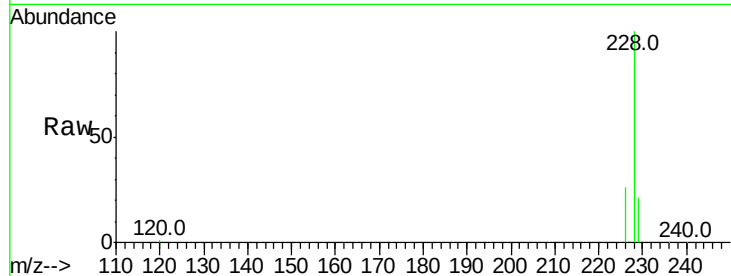
#20
Benzo(a)anthracene
Concen: 9.64 ng/ul
RT: 22.10 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BM002739.D
Acq: 28 Sep 2015 18:28

Instrument :
BNA_M
ClientSampleId :
D9G73MS

Tot Ion:228 Resp: 1408351
Ion Ratio Lower Upper
228 100
226 26.2 23.0 34.4
229 20.8 15.2 22.8

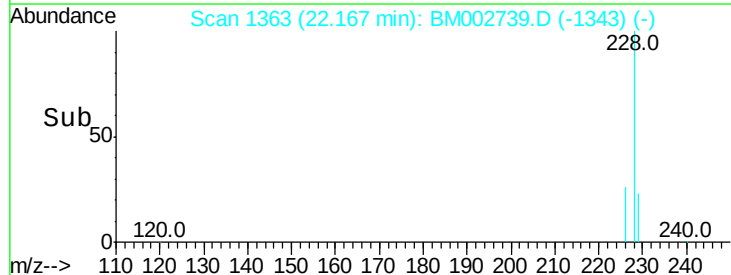
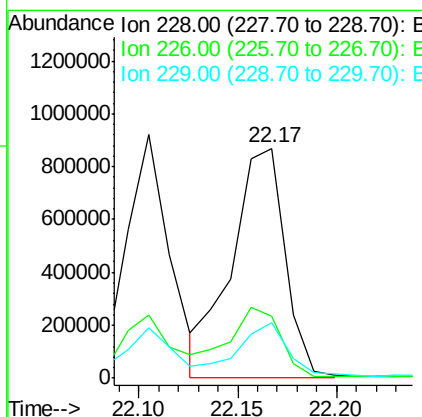
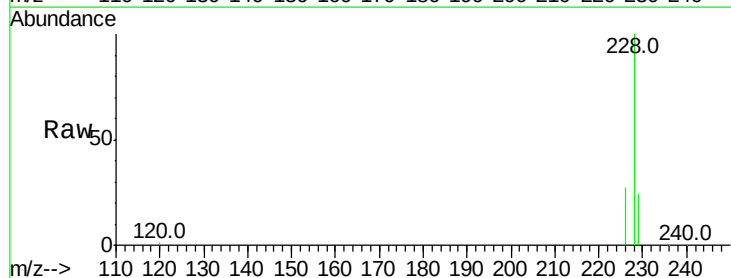
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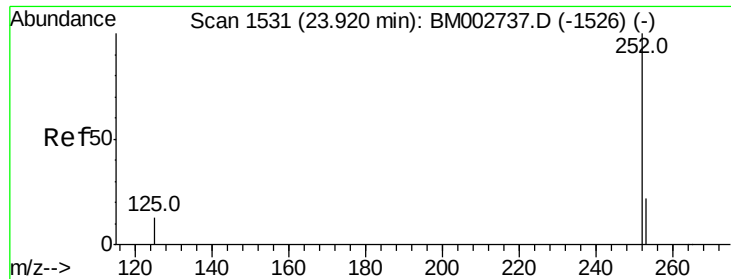
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#21
Chrysene
Concen: 11.64 ng/ul m
RT: 22.17 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BM002739.D
Acq: 28 Sep 2015 18:28

Tgt Ion:228 Resp: 1628196
Ion Ratio Lower Upper
228 100
226 26.7 25.7 38.5
229 23.9 15.2 22.8#





#23

Benzo(b)fluoranthene

Concen: 13.46 ng/ul m

RT: 23.93 min Scan# 1532

Delta R.T. 0.01 min

Lab File: BM002739.D

Acq: 28 Sep 2015 18:28

Instrument :

BNA_M

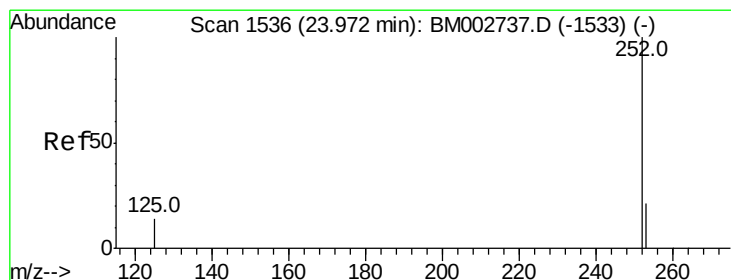
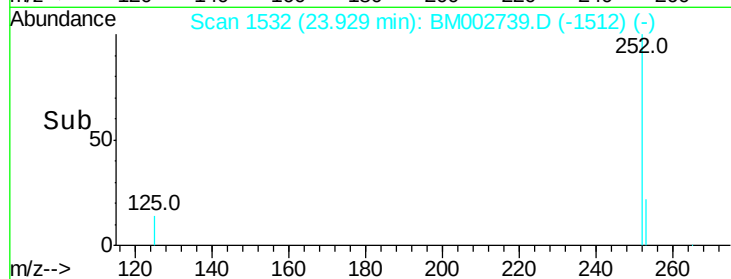
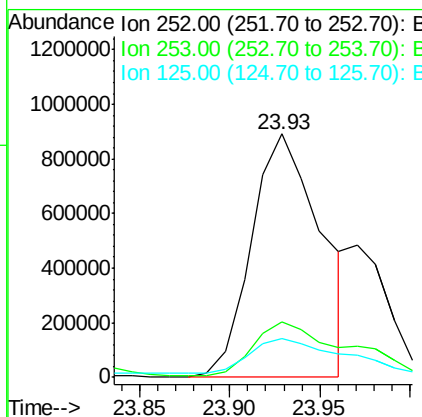
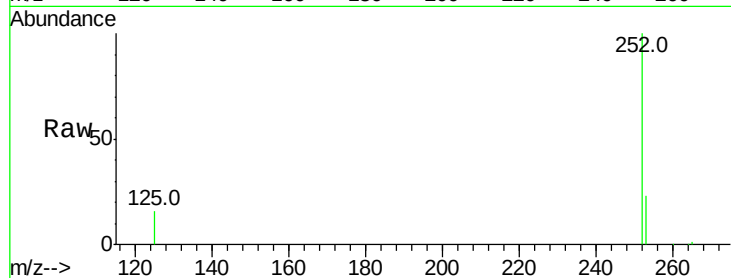
ClientSampleId :

D9G73MS

Tot Ion:	252	Resp:	2393921
Ion Ratio	Lower	Upper	
252	100		
253	22.9	0.0	48.0
125	15.8	0.0	36.6

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#24

Benzo(k)fluoranthene

Concen: 4.50 ng/ul m

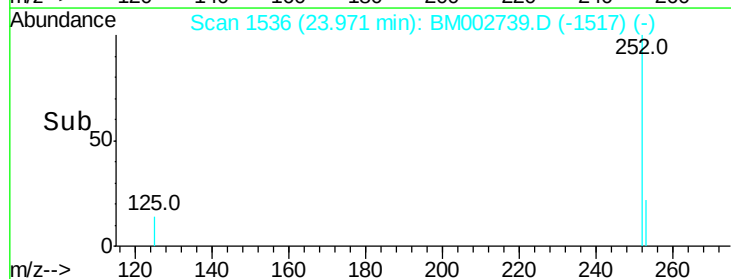
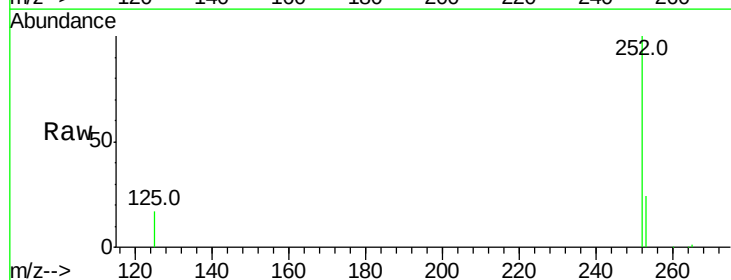
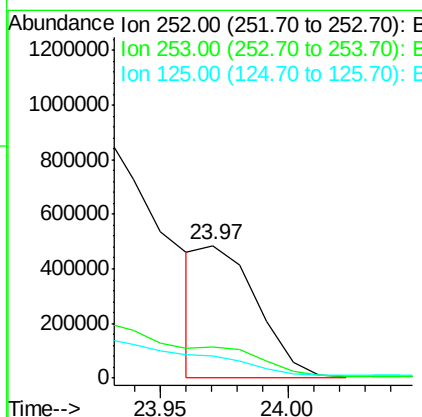
RT: 23.97 min Scan# 1536

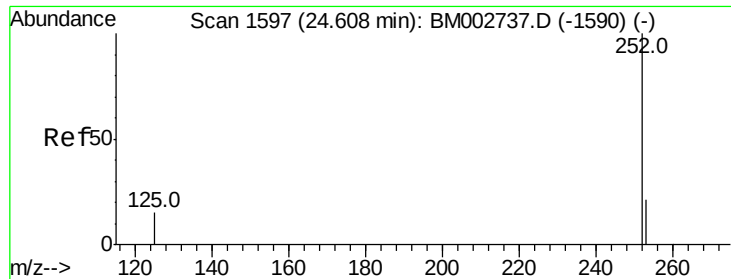
Delta R.T. -0.00 min

Lab File: BM002739.D

Acq: 28 Sep 2015 18:28

Tgt Ion:	252	Resp:	741311
Ion Ratio	Lower	Upper	
252	100		
253	23.6	20.8	31.2
125	16.6	12.2	18.4





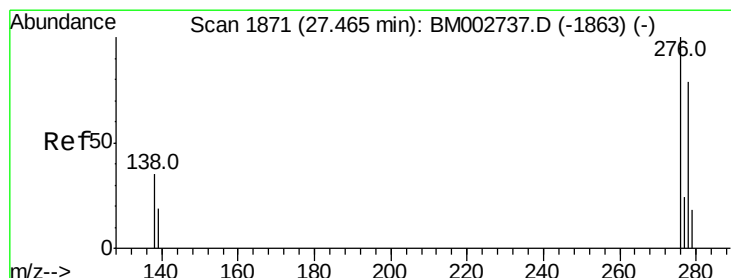
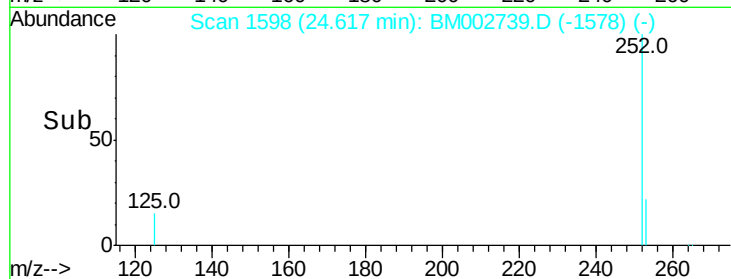
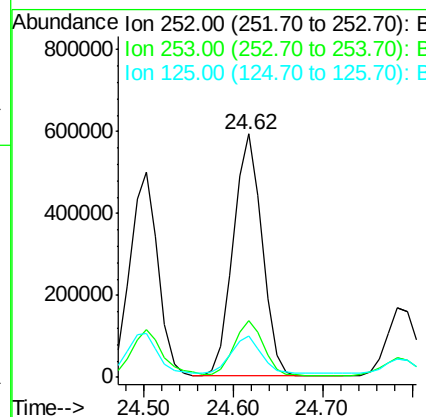
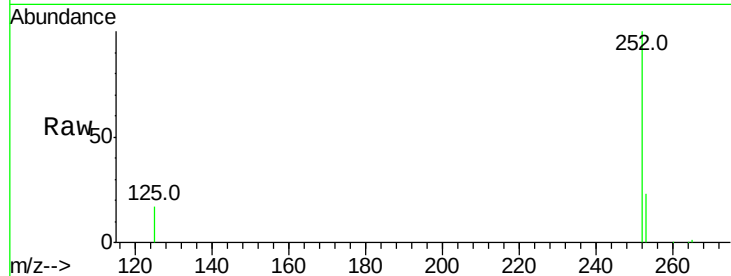
#25
Benzo(a)pyrene
Concen: 8.04 ng/ul
RT: 24.62 min Scan# 1598
Delta R.T. 0.01 min
Lab File: BM002739.D
Acq: 28 Sep 2015 18:28

Instrument :
BNA_M
ClientSampleId :
D9G73MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	21.8	32.8
125	16.8	14.5	21.7

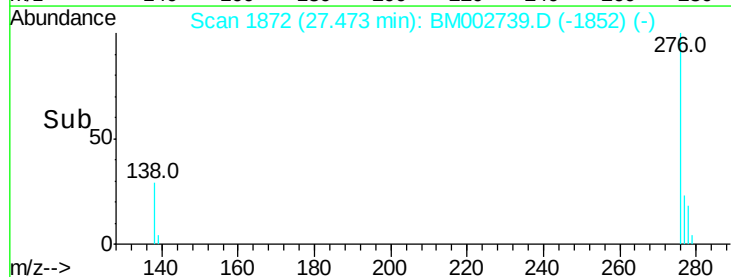
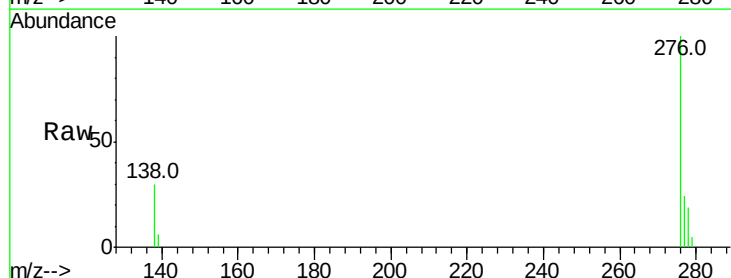
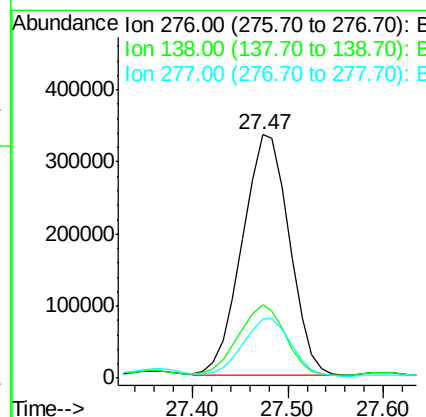
Manual Integrations
APPROVED

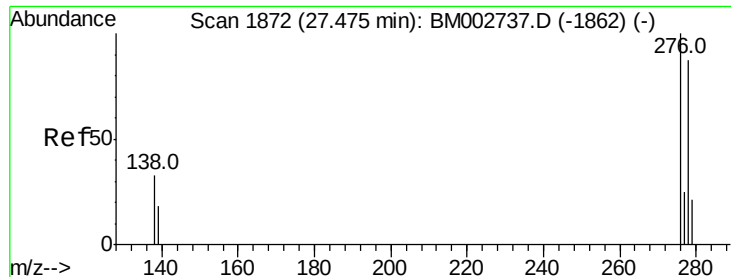
MMDadoda
9/29/2015 3:42:58 PM



#26
Indeno(1,2,3-cd)pyrene
Concen: 6.28 ng/ul
RT: 27.47 min Scan# 1872
Delta R.T. 0.01 min
Lab File: BM002739.D
Acq: 28 Sep 2015 18:28

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.2	27.5	41.3
277	24.4	19.3	28.9





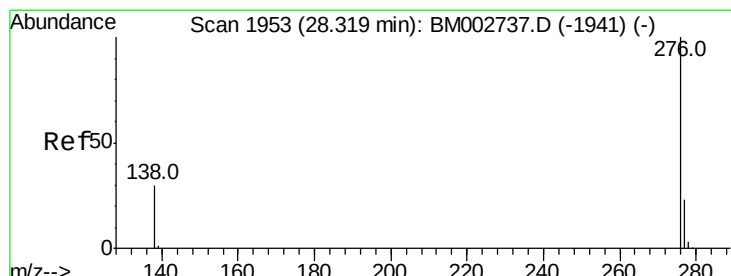
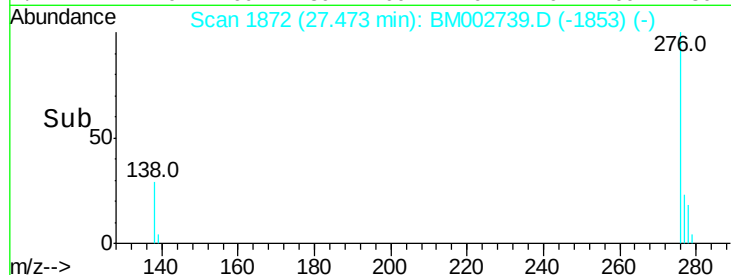
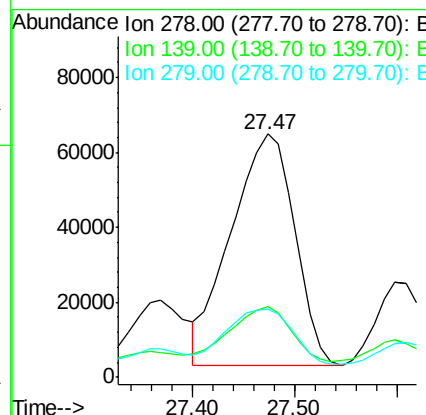
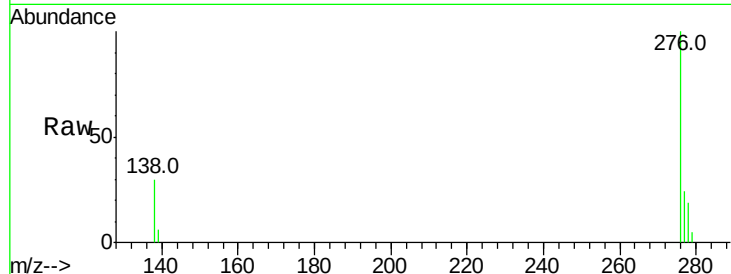
#27
Dibenzo(a,h)anthracene
Concen: 1.77 ng/ul
RT: 27.47 min Scan# 1872
Delta R.T. -0.00 min
Lab File: BM002739.D
Acq: 28 Sep 2015 18:28

Instrument :
BNA_M
ClientSampleId :
D9G73MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	29.1	21.7	32.5
279	28.0	21.9	32.9

Manual Integrations
APPROVED

MMDadoda
9/29/2015 3:42:58 PM



#28
Benzo(g,h,i)perylene
Concen: 6.46 ng/ul
RT: 28.34 min Scan# 1955
Delta R.T. 0.02 min
Lab File: BM002739.D
Acq: 28 Sep 2015 18:28

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.0	21.3	31.9
138	30.3	25.5	38.3

