

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092815\
 Data File : BM002740.D
 Acq On : 28 Sep 2015 19:04
 Operator : UM/IZ
 Sample : G3798-21MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9G73MSD

Manual Integrations
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 9/29/2015 3:43:14 PM

Quant Time: Sep 29 07:17:39 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	9438	0.40	ng/ul	0.00
4) Naphthalene-d8	11.60	136	36672	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.33	164	20287	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.03	188	41869	0.40	ng/ul	0.00
18) Chrysene-d12	22.13	240	42554	0.40	ng/ul	0.00
22) Perylene-d12	24.73	264	50110	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.80	96	21483	2.21	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.13	152	7412m	0.14	ng/ul	0.00
16) Fluoranthene-d10	20.01	212	12850	0.12	ng/ul	0.00
Target Compounds						
					Ovalue	
5) Naphthalene	11.65	128	22341	0.22	ng/ul	99
7) 2-Methylnaphthalene	13.20	142	10884	0.17	ng/ul	99
9) Acenaphthylene	15.06	152	131295	1.25	ng/ul	96
10) Acenaphthene	15.38	153	890202	11.66	ng/ul	95
11) Fluorene	16.36	166	85885m	0.99	ng/ul	
13) Pentachlorophenol	17.69	266	87048	10.65	ng/ul	95
14) Phenanthrene	18.08	178	2410718	17.70	ng/ul	98
15) Anthracene	18.17	178	468540	3.72	ng/ul	96
17) Fluoranthene	20.03	202	5708270	38.52	ng/ul	97
19) Pyrene	20.40	202	5872554	35.41	ng/ul	97
20) Benzo(a)anthracene	22.11	228	2131578	14.99	ng/ul	95
21) Chrysene	22.16	228	2396891	17.61	ng/ul	98
23) Benzo(b)fluoranthene	23.93	252	3457444m	19.14	ng/ul	
24) Benzo(k)fluoranthene	23.97	252	1112260m	6.65	ng/ul	
25) Benzo(a)pyrene	24.62	252	2007457	12.07	ng/ul	94
26) Indeno(1,2,3-cd)pyrene	27.48	276	1682961	9.07	ng/ul	94
27) Dibenzo(a,h)anthracene	27.47	278	386571	2.54	ng/ul	97
28) Benzo(a,h,i)perylene	28.34	276	1491905	9.48	ng/ul	97

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

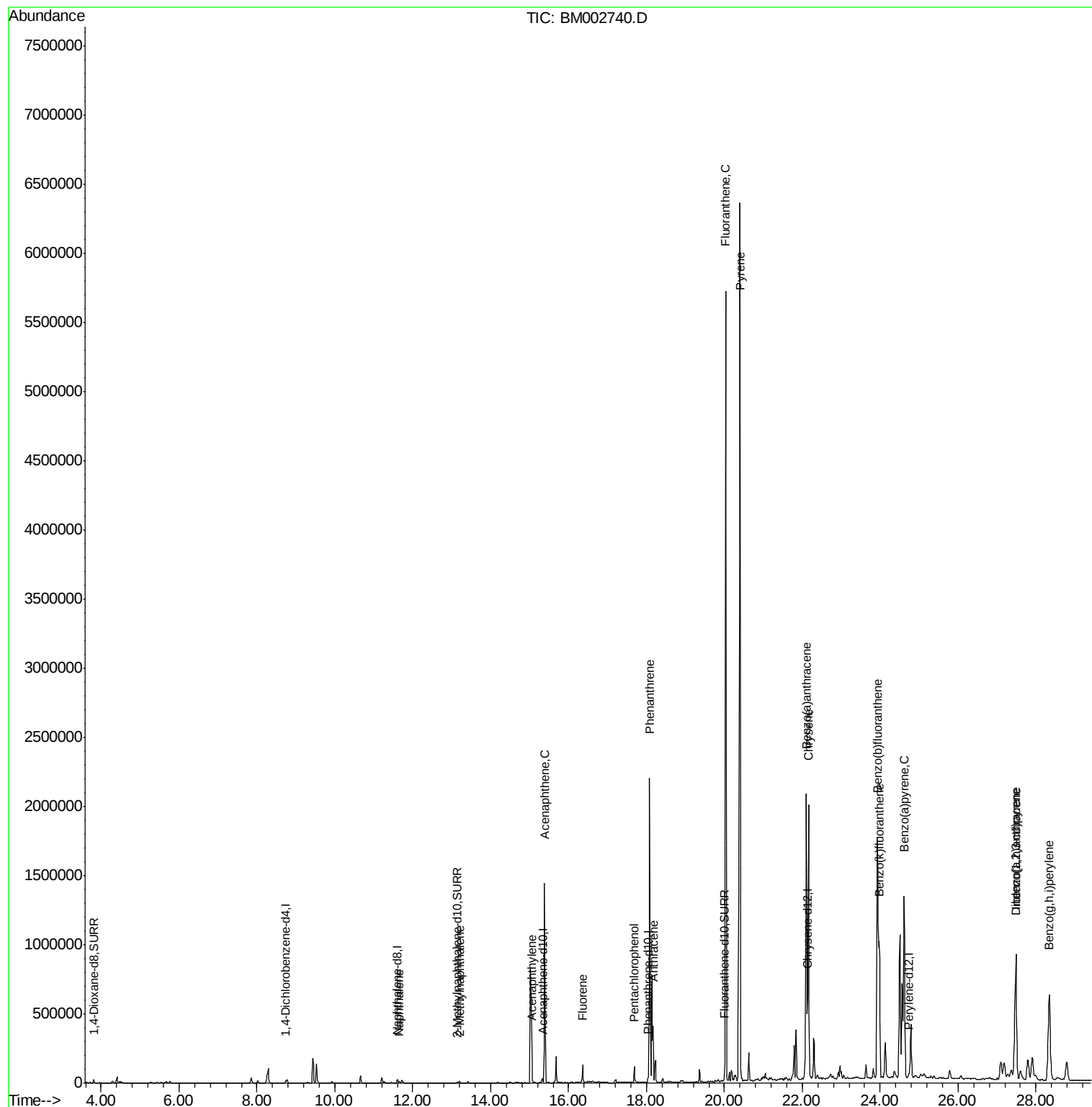
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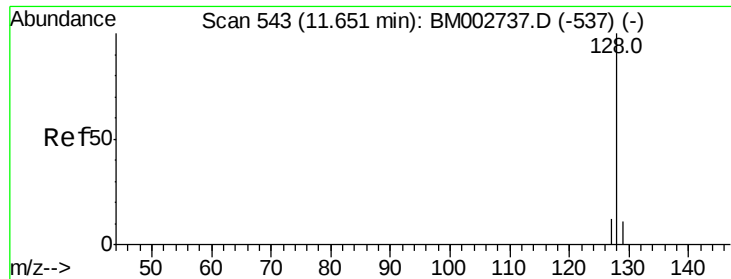
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#5

Naphthalene

Concen: 0.22 ng/ul

RT: 11.65 min Scan# 543

Delta R.T. 0.00 min

Lab File: BM002740.D

Acq: 28 Sep 2015 19:04

Instrument :

BNA_M

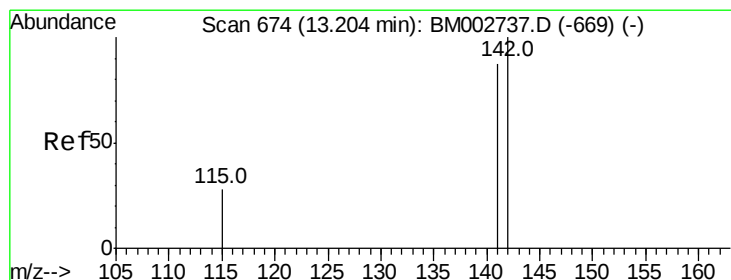
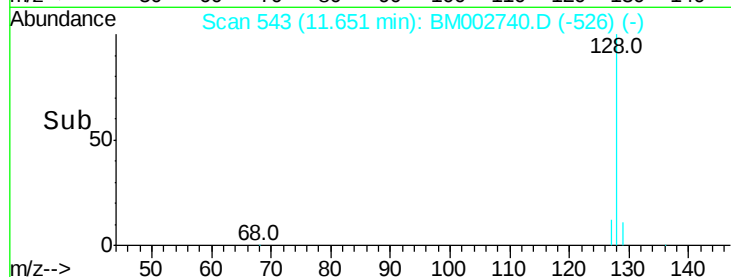
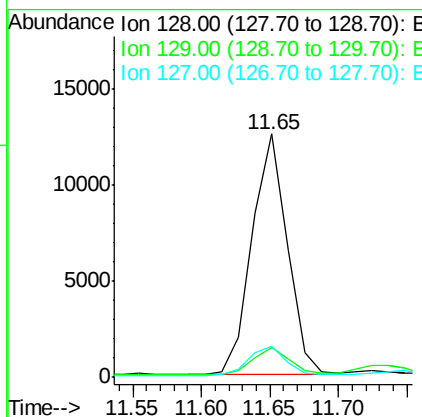
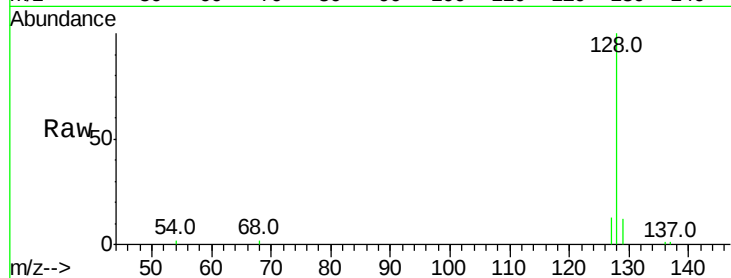
ClientSampleId :

D9G73MSD

Tot Ion:	128	Resp:	22341
Ion Ratio	Lower	Upper	
128	100		
129	12.1	9.8	14.8
127	12.9	10.7	16.1

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#7

2-Methylnaphthalene

Concen: 0.17 ng/ul

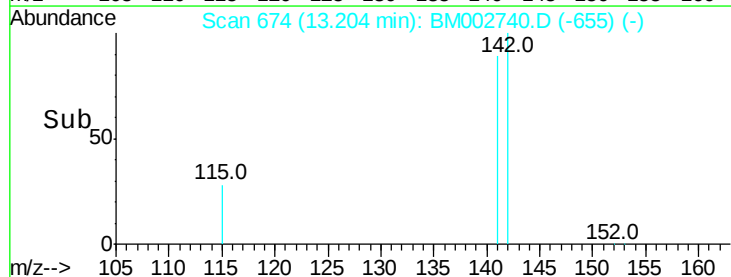
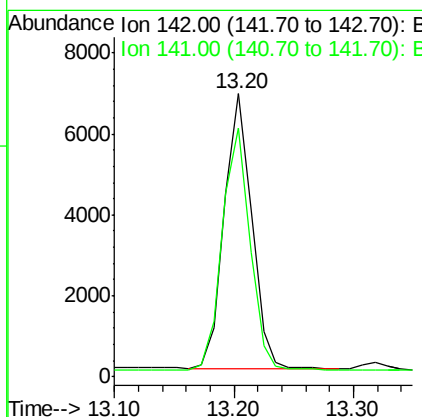
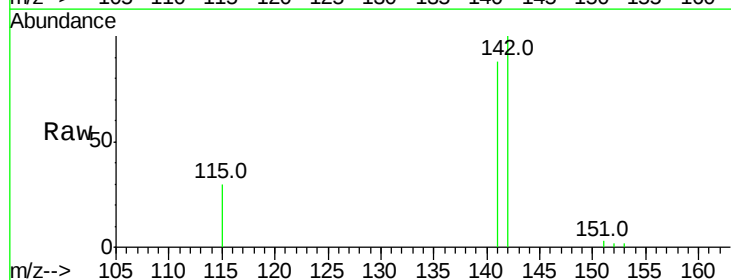
RT: 13.20 min Scan# 674

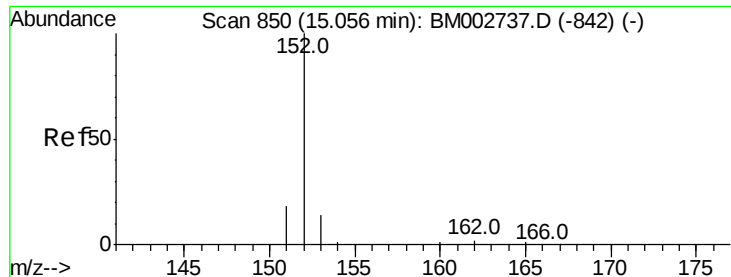
Delta R.T. 0.00 min

Lab File: BM002740.D

Acq: 28 Sep 2015 19:04

Tgt Ion:	142	Resp:	10884
Ion Ratio	Lower	Upper	
142	100		
141	88.6	70.3	105.5





#9

Acenaphthylene

Concen: 1.25 ng/ul

RT: 15.06 min Scan# 850

Delta R.T. 0.00 min

Lab File: BM002740.D

Acq: 28 Sep 2015 19:04

Instrument :

BNA_M

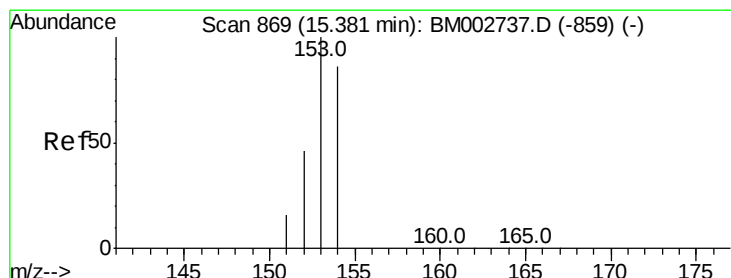
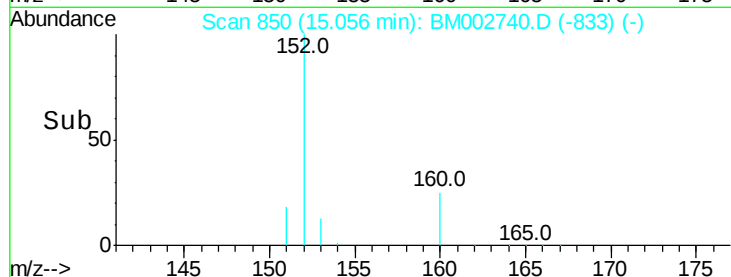
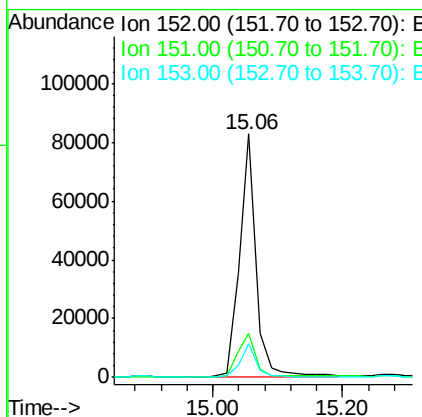
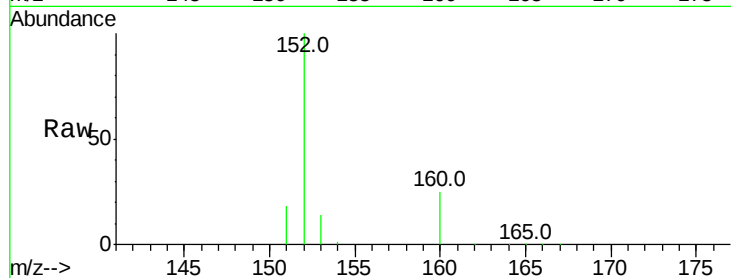
ClientSampleId :

D9G73MSD

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Tot Ion	Ratio	Lower	Upper
152	100		
151	18.2	16.8	25.2
153	13.7	11.3	16.9



#10

Acenaphthene

Concen: 11.66 ng/ul

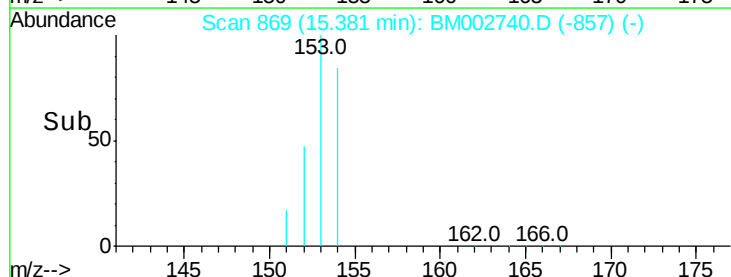
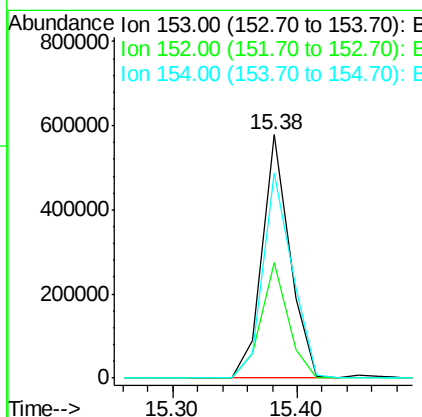
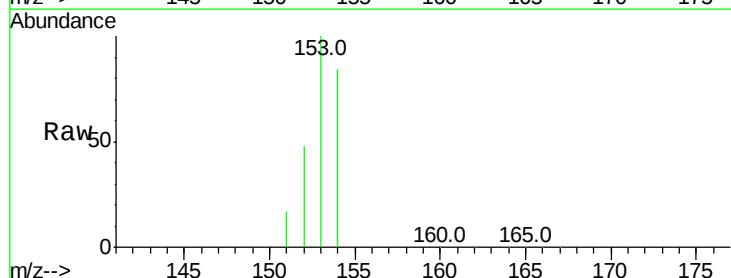
RT: 15.38 min Scan# 869

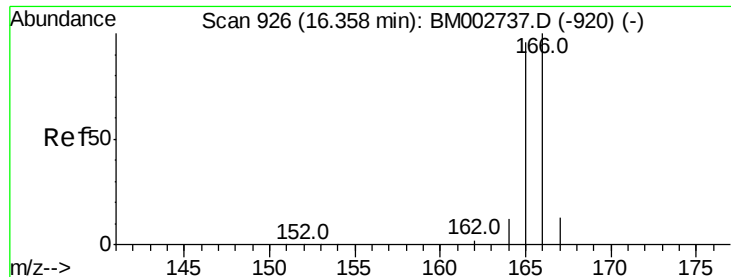
Delta R.T. 0.00 min

Lab File: BM002740.D

Acq: 28 Sep 2015 19:04

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.6	42.3	63.5
154	84.3	64.7	97.1





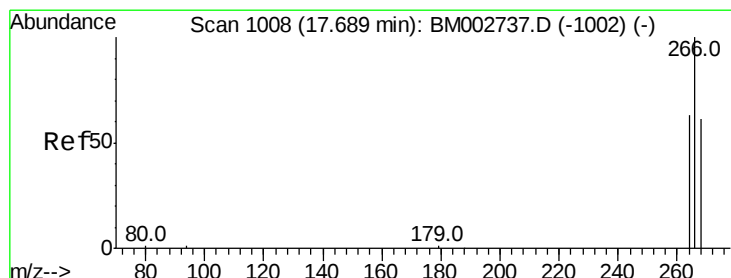
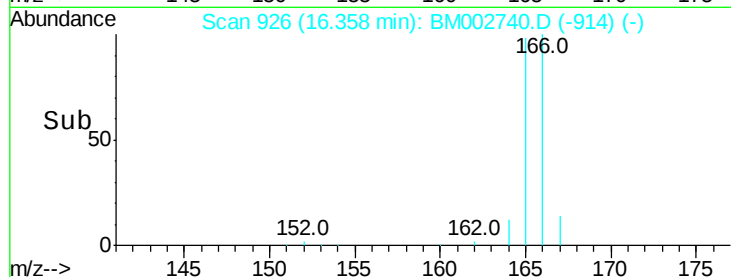
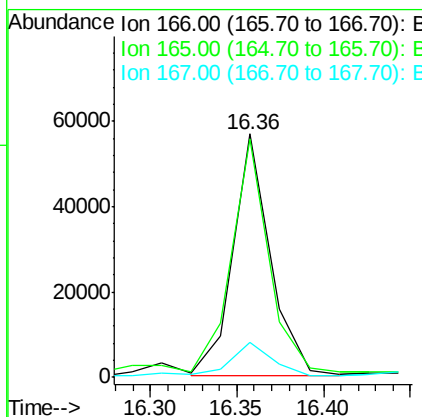
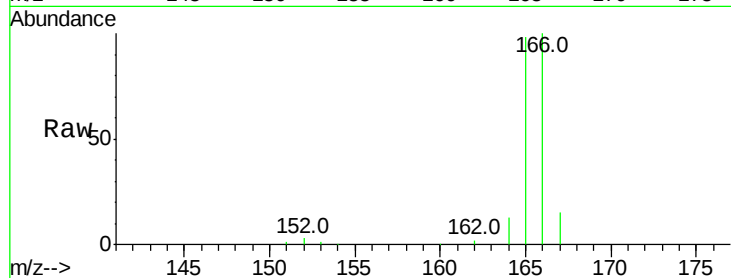
#11
Fluorene
 Concen: 0.99 ng/ul m
 RT: 16.36 min Scan# 926
 Delta R.T. 0.00 min
 Lab File: BM002740.D
 Acq: 28 Sep 2015 19:04

Instrument :
 BNA_M
 ClientSampleId :
 D9G73MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.1	87.6	131.4
167	14.6	11.1	16.7

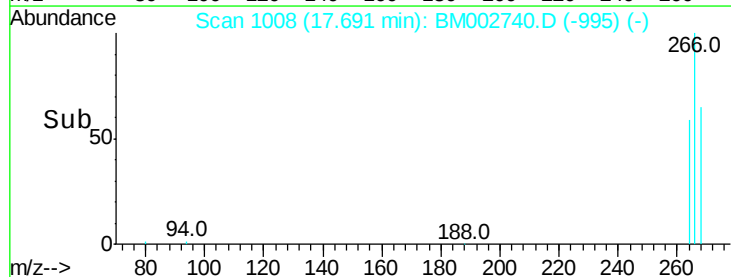
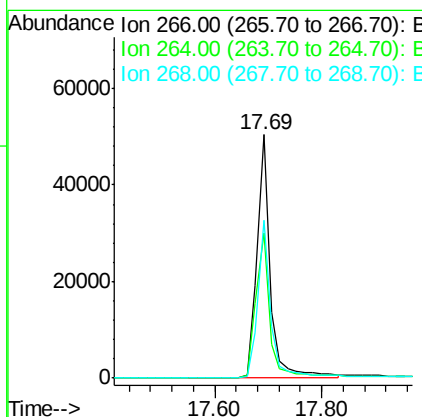
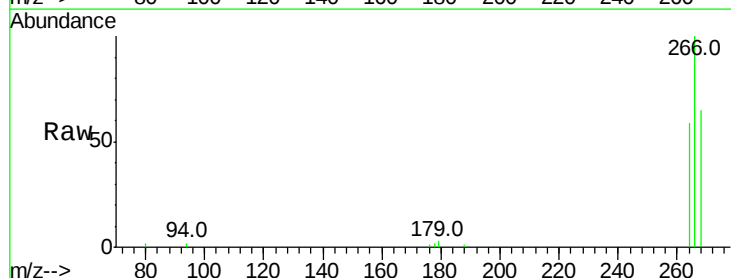
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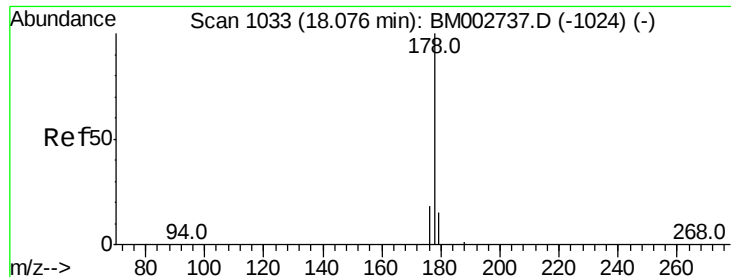
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#13
Pentachlorophenol
 Concen: 10.65 ng/ul
 RT: 17.69 min Scan# 1008
 Delta R.T. 0.00 min
 Lab File: BM002740.D
 Acq: 28 Sep 2015 19:04

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.8	53.5	80.3
268	63.7	54.2	81.2





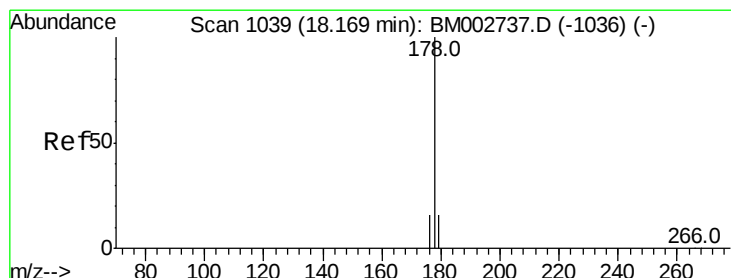
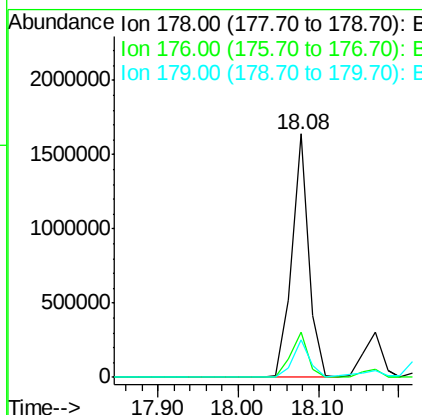
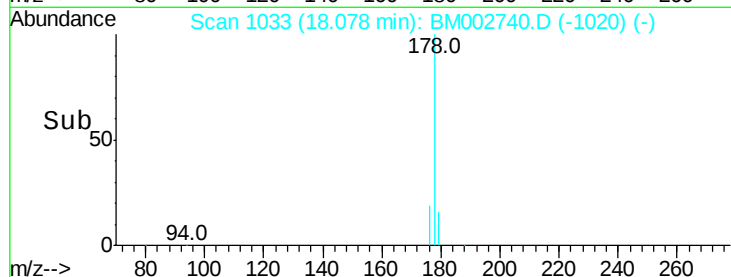
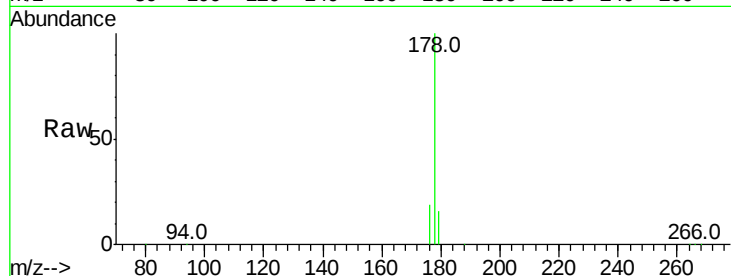
#14
Phenanthrene
Concen: 17.70 ng/ul
RT: 18.08 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BM002740.D
Acq: 28 Sep 2015 19:04

Instrument :
BNA_M
ClientSampleId :
D9G73MSD

Tot Ion:178 Resp: 2410718
Ion Ratio Lower Upper
178 100
176 18.5 16.2 24.4
179 15.7 12.8 19.2

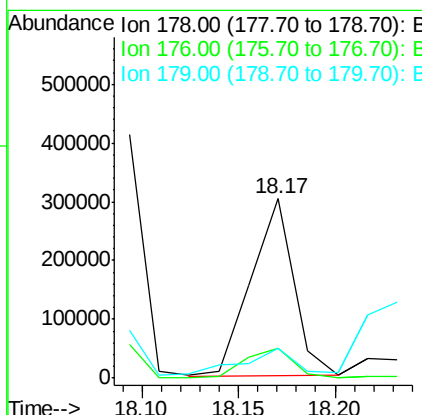
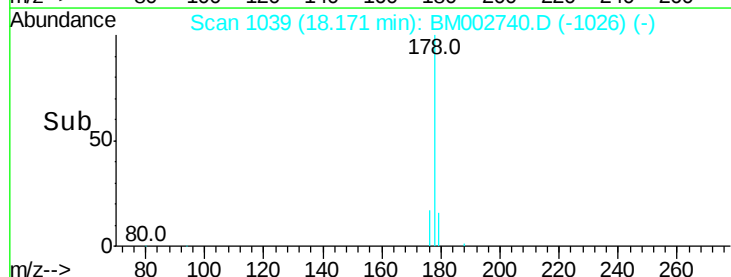
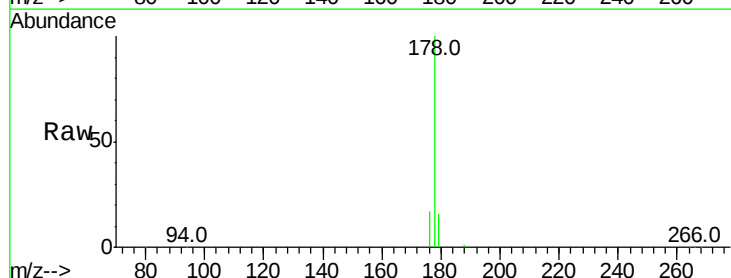
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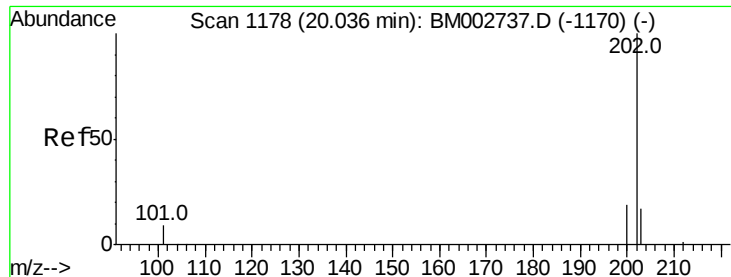
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#15
Anthracene
Concen: 3.72 ng/ul
RT: 18.17 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BM002740.D
Acq: 28 Sep 2015 19:04

Tgt Ion:178 Resp: 468540
Ion Ratio Lower Upper
178 100
176 16.7 15.8 23.8
179 16.5 13.3 19.9





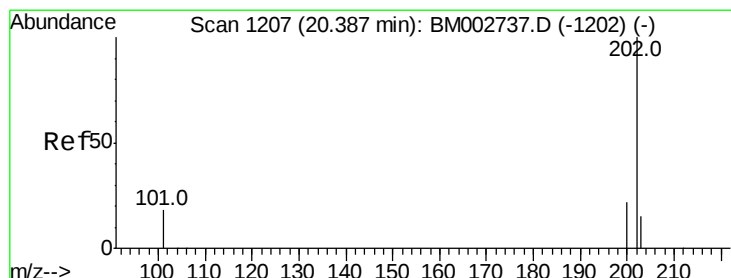
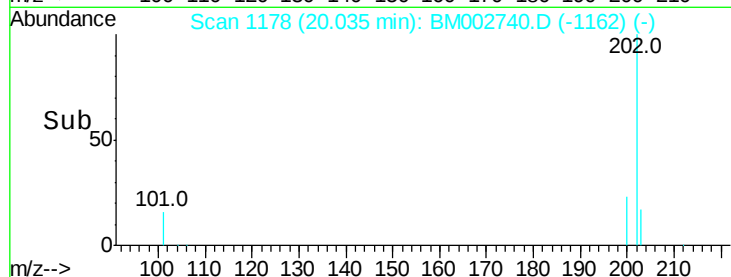
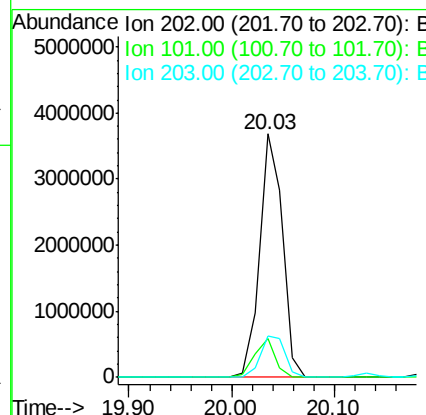
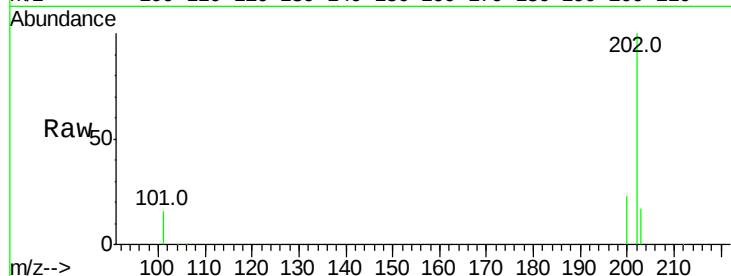
#17
Fluoranthene
 Concen: 38.52 ng/ul
 RT: 20.03 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BM002740.D
 Acq: 28 Sep 2015 19:04

Instrument :
 BNA_M
 ClientSampleId :
 D9G73MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	15.7	0.0	33.1
203	16.9	0.0	37.2

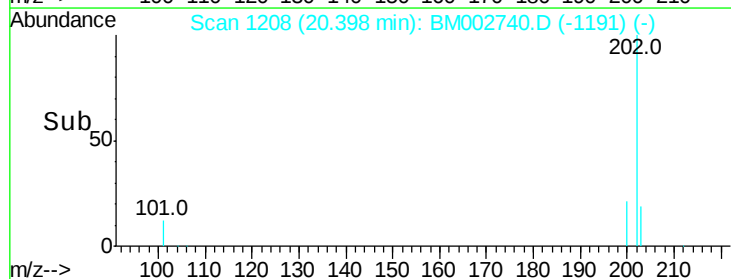
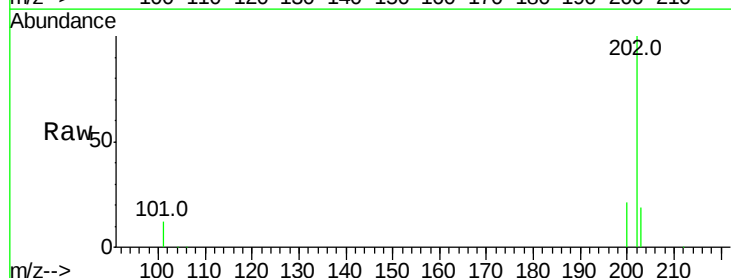
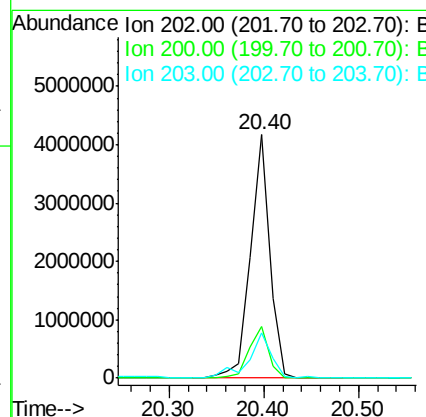
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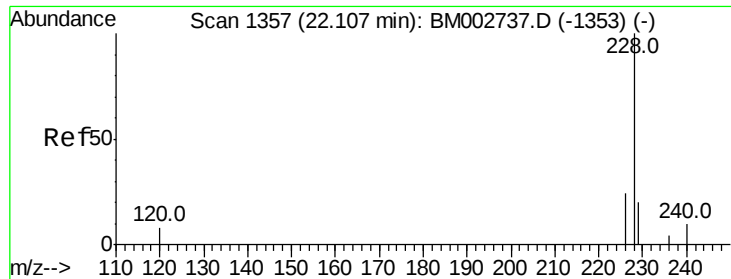
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#19
Pyrene
 Concen: 35.41 ng/ul
 RT: 20.40 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BM002740.D
 Acq: 28 Sep 2015 19:04

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	18.0	27.0
203	18.7	13.8	20.6





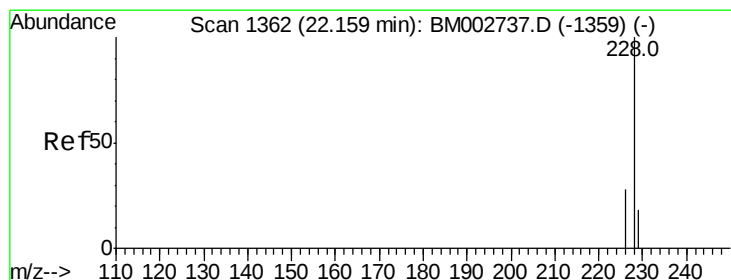
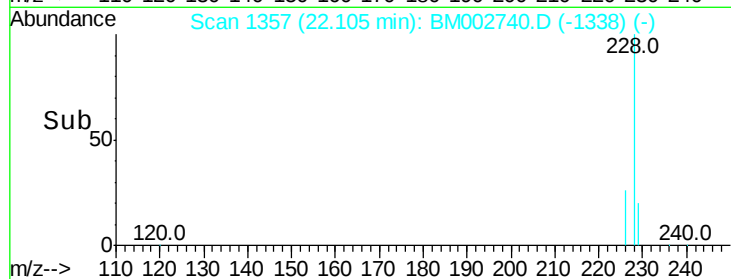
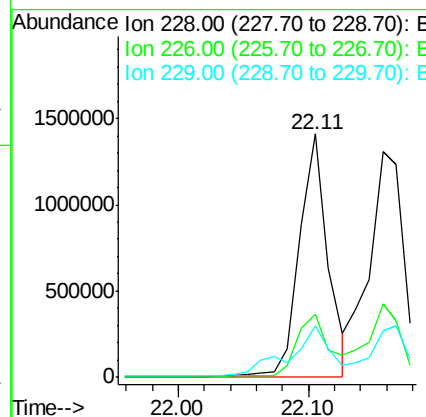
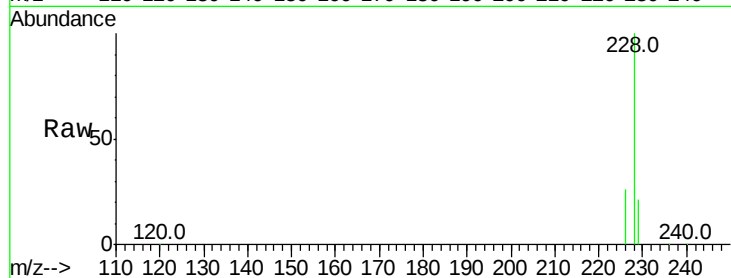
#20
Benzo(a)anthracene
Concen: 14.99 ng/ul
RT: 22.11 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BM002740.D
Acq: 28 Sep 2015 19:04

Instrument :
BNA_M
ClientSampleId :
D9G73MSD

Tot Ion:228 Resp: 2131578
Ion Ratio Lower Upper
228 100
226 26.0 23.0 34.4
229 21.0 15.2 22.8

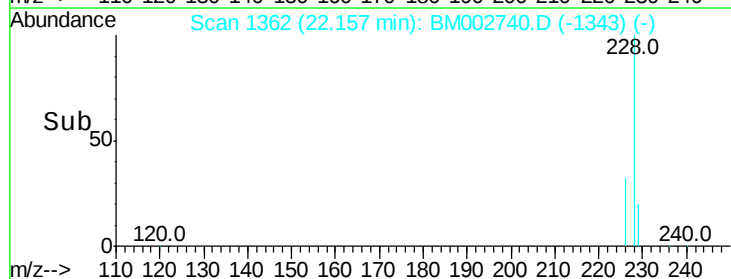
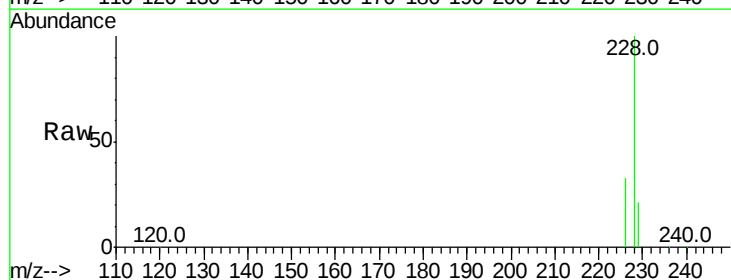
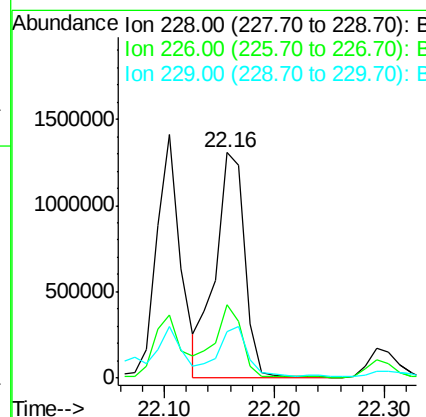
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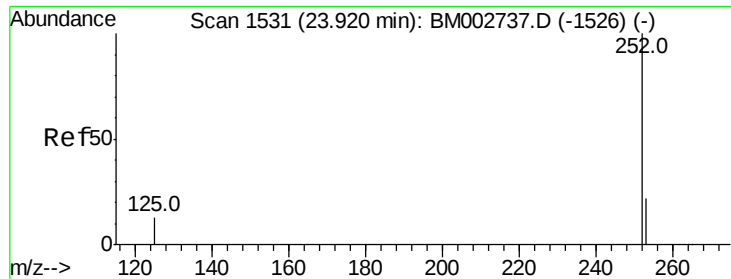
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#21
Chrysene
Concen: 17.61 ng/ul
RT: 22.16 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BM002740.D
Acq: 28 Sep 2015 19:04

Tgt Ion:228 Resp: 2396891
Ion Ratio Lower Upper
228 100
226 32.6 25.7 38.5
229 20.5 15.2 22.8





#23

Benzo(b)fluoranthene

Concen: 19.14 ng/ul m

RT: 23.93 min Scan# 1532

Delta R.T. 0.01 min

Lab File: BM002740.D

Acq: 28 Sep 2015 19:04

Instrument :

BNA_M

ClientSampleId :

D9G73MSD

Tot Ion:252 Resp: 3457444

Ion Ratio Lower Upper

252 100

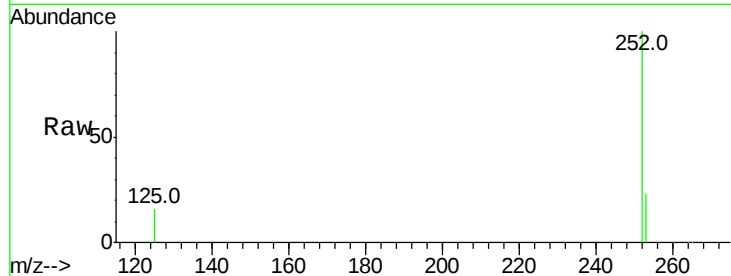
253 22.9 0.0 48.0

125 15.6 0.0 36.6

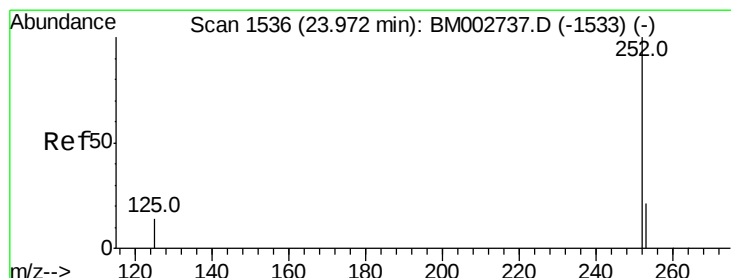
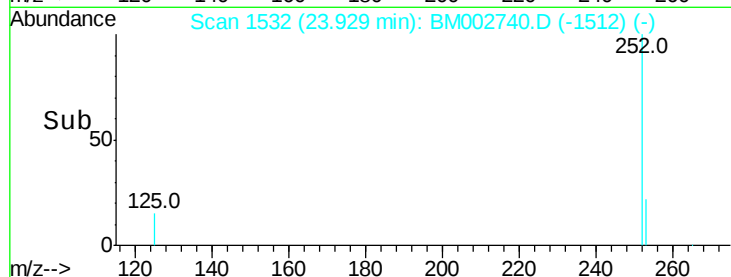
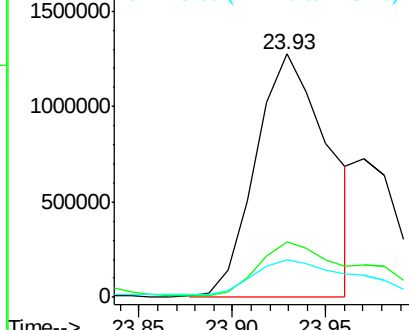
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#24

Benzo(k)fluoranthene

Concen: 6.65 ng/ul m

RT: 23.97 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BM002740.D

Acq: 28 Sep 2015 19:04

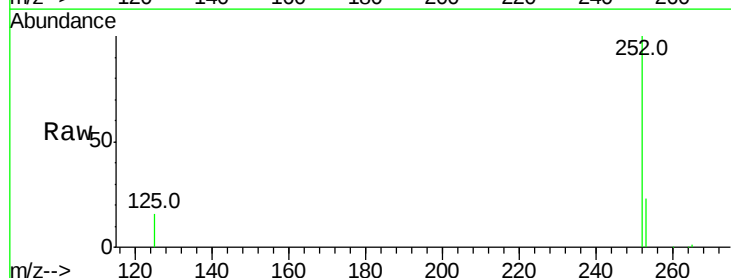
Tgt Ion:252 Resp: 1112260

Ion Ratio Lower Upper

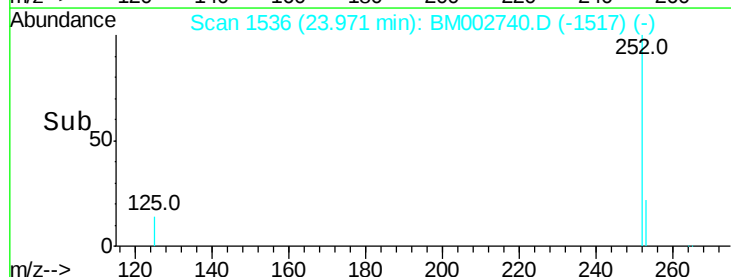
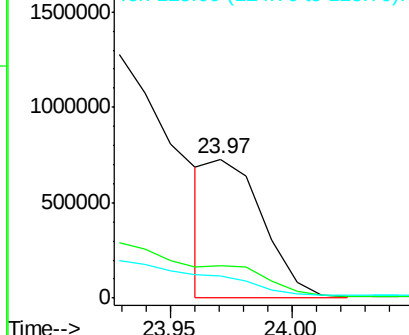
252 100

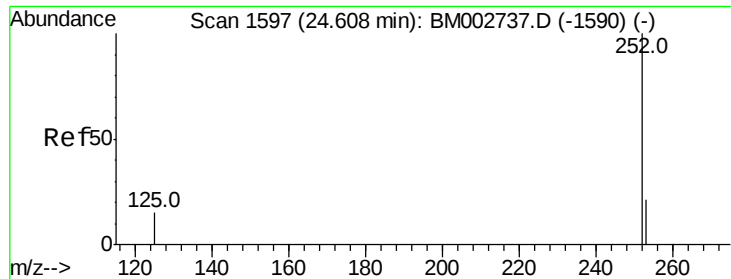
253 23.5 20.8 31.2

125 16.1 12.2 18.4



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: 12.07 ng/ul

RT: 24.62 min Scan# 1598

Delta R.T. 0.01 min

Lab File: BM002740.D

Acq: 28 Sep 2015 19:04

Instrument :

BNA_M

ClientSampleId :

D9G73MSD

Tot Ion:252 Resp: 2007457

Ion Ratio Lower Upper

252 100

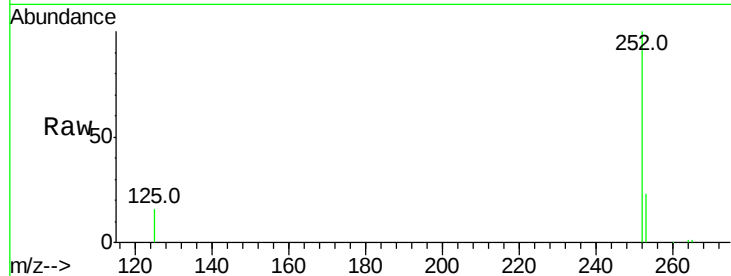
253 23.3 21.8 32.8

125 16.3 14.5 21.7

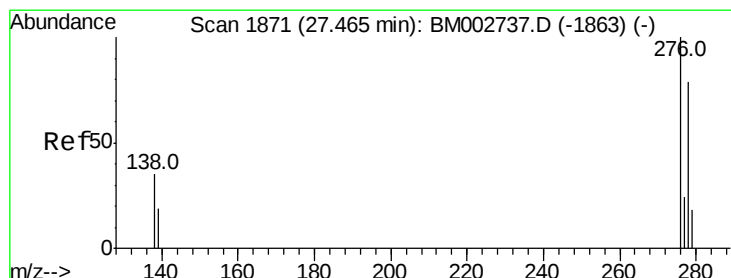
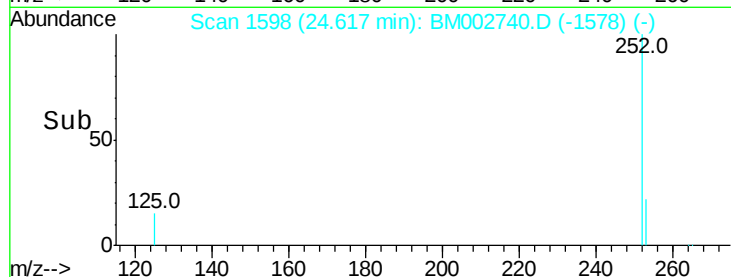
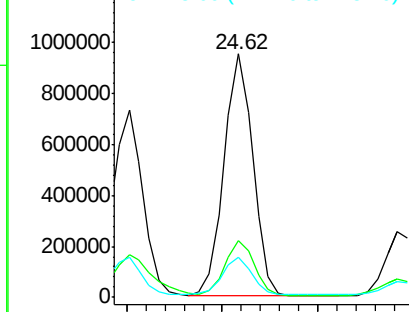
Manual Integrations
APPROVED

MMDadoda

9/29/2015 3:43:14 PM



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: 9.07 ng/ul

RT: 27.48 min Scan# 1873

Delta R.T. 0.02 min

Lab File: BM002740.D

Acq: 28 Sep 2015 19:04

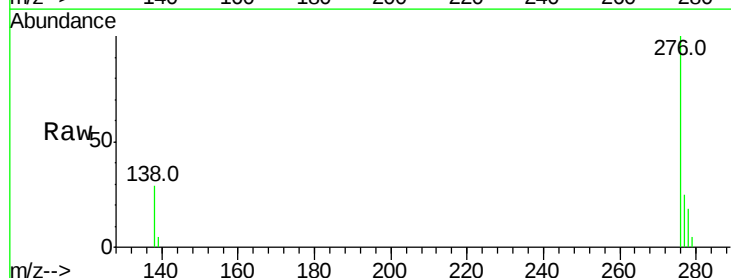
Tgt Ion:276 Resp: 1682961

Ion Ratio Lower Upper

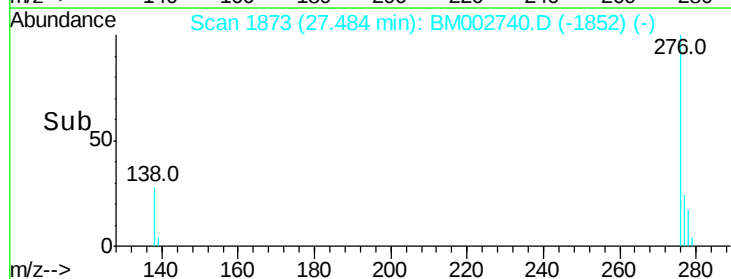
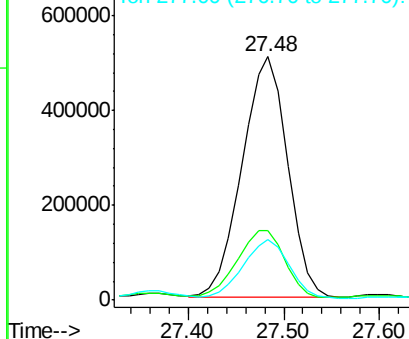
276 100

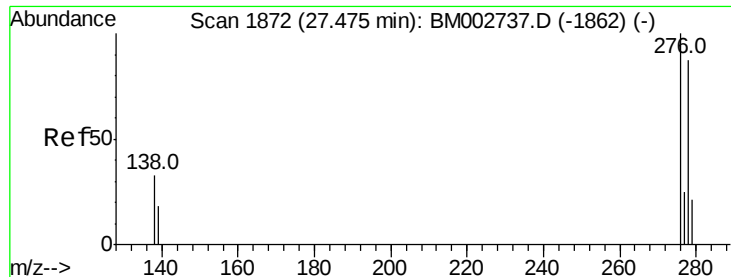
138 29.2 27.5 41.3

277 24.5 19.3 28.9



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





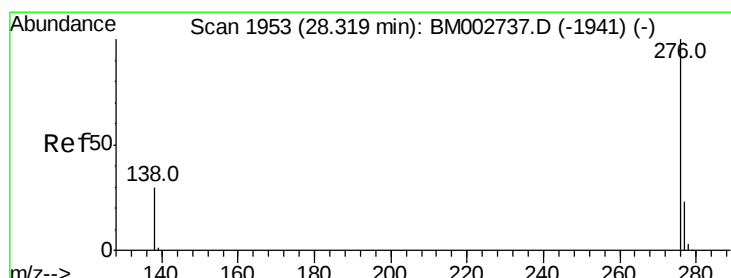
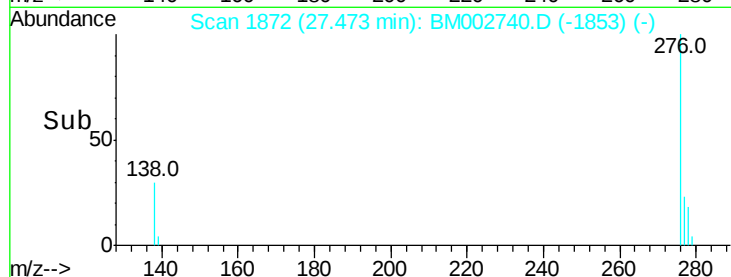
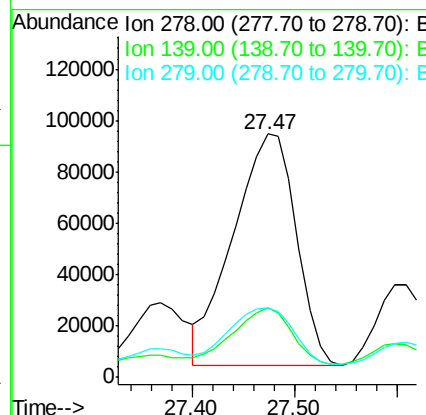
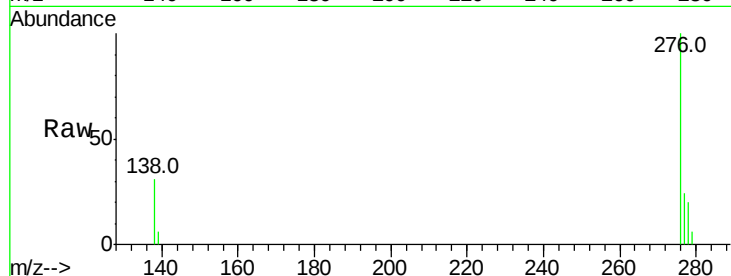
#27
Dibenzo(a,h)anthracene
Concen: 2.54 ng/ul
RT: 27.47 min Scan# 1872
Delta R.T. -0.00 min
Lab File: BM002740.D
Acq: 28 Sep 2015 19:04

Instrument :
BNA_M
ClientSampleId :
D9G73MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	28.4	21.7	32.5
279	28.7	21.9	32.9

Manual Integrations
APPROVED

MMDadoda
9/29/2015 3:43:14 PM



#28
Benzo(g,h,i)perylene
Concen: 9.48 ng/ul
RT: 28.34 min Scan# 1955
Delta R.T. 0.02 min
Lab File: BM002740.D
Acq: 28 Sep 2015 19:04

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	21.3	31.9
138	31.1	25.5	38.3

