

Data Path : Z:\HPCHEM1\BNA M\DATA\BM070716\
 Data File : BM006292.D
 Acq On : 06 Jul 2016 20:51
 Operator : UM/SJ
 Sample : H3811-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4TV6

Manual Integrations

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 umangi
 7/7/2016 6:05:09 PM

Quant Time: Jul 07 11:10:42 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM070716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 05:51:09 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4497	0.40	ng/ul	0.00
4) Naphthalene-d8	10.43	136	17694	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.30	164	10248	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.04	188	22074m	0.40	ng/ul	0.00
18) Chrysene-d12	21.24	240	15079m	0.40	ng/ul	0.00
22) Perylene-d12	23.45	264	12733	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	7387	3.89	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.02	152	6102	0.29	ng/ul	0.00
16) Fluoranthene-d10	19.07	212	13337	0.29	ng/ul	-0.01
Target Compounds				Ovalue		
5) Naphthalene	10.48	128	1189	0.03	ng/ul#	77
7) 2-Methylnaphthalene	12.09	142	629	0.02	ng/ul	99
9) Acenaphthylene	14.01	152	2825	0.08	ng/ul#	94
10) Acenaphthene	14.35	153	962	0.03	ng/ul#	67
11) Fluorene	15.34	166	1292	0.03	ng/ul#	80
14) Phenanthrene	17.07	178	34429m	0.56	ng/ul	
15) Anthracene	17.16	178	5769	0.10	ng/ul#	85
17) Fluoranthene	19.11	202	70868	1.05	ng/ul	94
19) Pyrene	19.47	202	62727	0.99	ng/ul	96
20) Benzo(a)anthracene	21.22	228	24240m	0.50	ng/ul	
21) Chrysene	21.27	228	27197	0.57	ng/ul	96
23) Benzo(b)fluoranthene	22.78	252	34346m	0.75	ng/ul	
24) Benzo(k)fluoranthene	22.82	252	7894m	0.19	ng/ul	
25) Benzo(a)pyrene	23.35	252	21508	0.51	ng/ul	98
26) Indeno(1,2,3-cd)pyrene	25.66	276	15840	0.34	ng/ul#	81
27) Dibenzo(a,h)anthracene	25.67	278	3997	0.11	ng/ul#	15
28) Benzo(g,h,i)perylene	26.34	276	14129	0.35	ng/ul	96

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

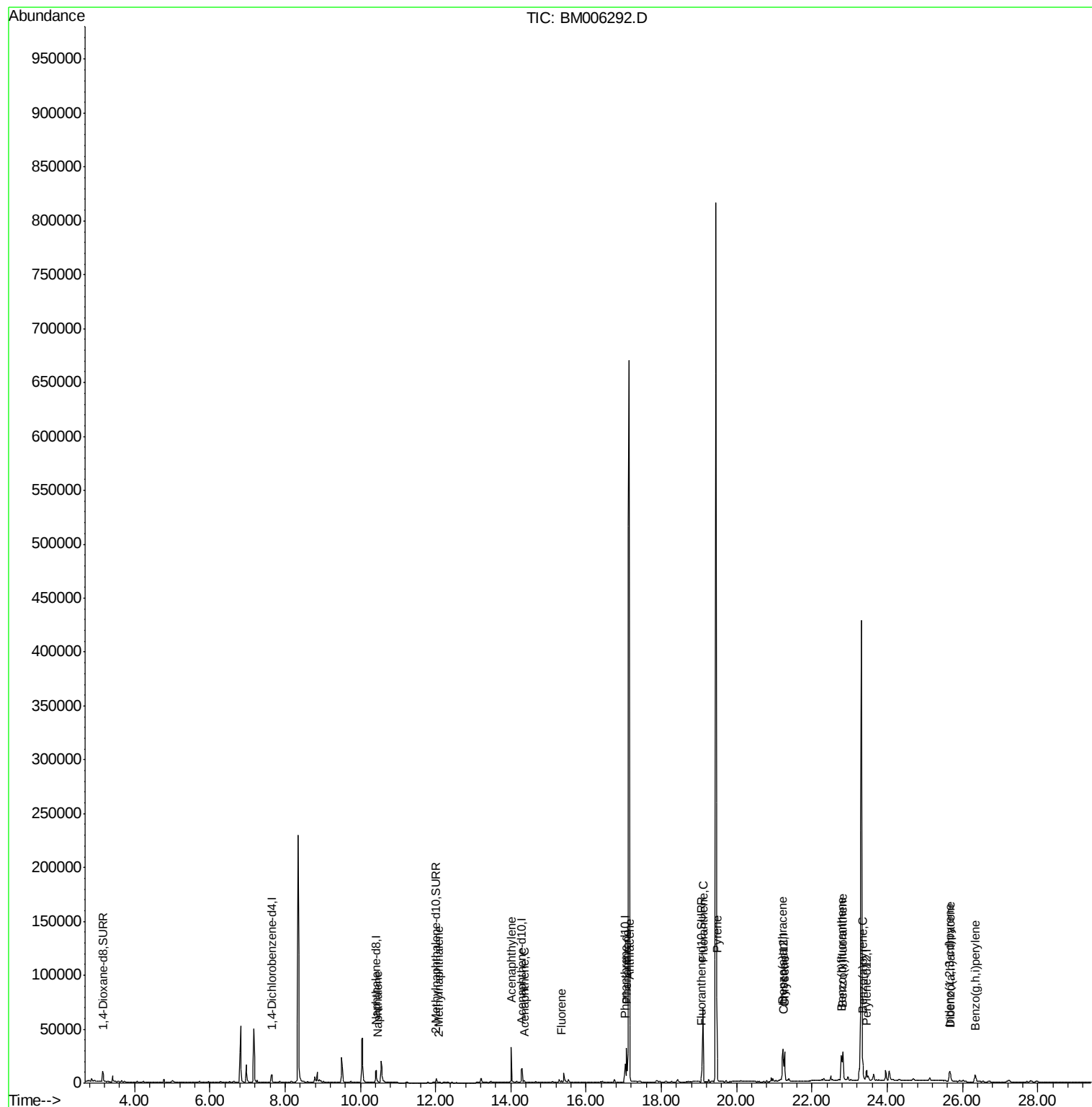
Data Path : Z:\HPCHEM1\BNA M\DATA\BM070716\
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ALS Vial : 14 Sample Multiplier: 1

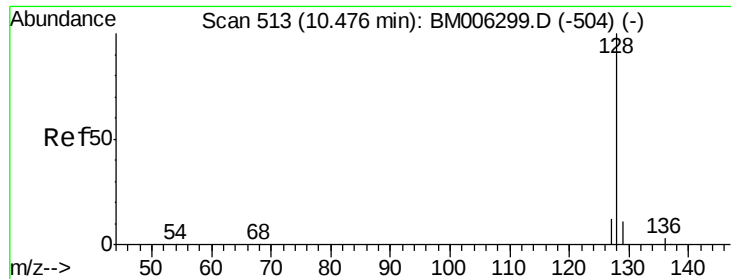
Instrument :
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Quant Time: Jul 07 11:10:42 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM070716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#5

Naphthalene

Concen: 0.03 ng/ul

RT: 10.48 min Scan# 513

Delta R.T. 0.00 min

Lab File: BM006292.D

Acq: 06 Jul 2016 20:51

Instrument :

BNA_M

ClientSampleId :

A4TV6

Tot Ion:128 Resp: 1189

Ion Ratio Lower Upper

128 100

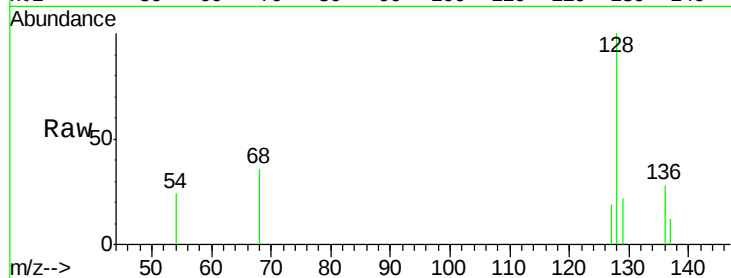
129 21.9 9.0 13.6#

127 19.4 9.6 14.4#

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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

10.48

600

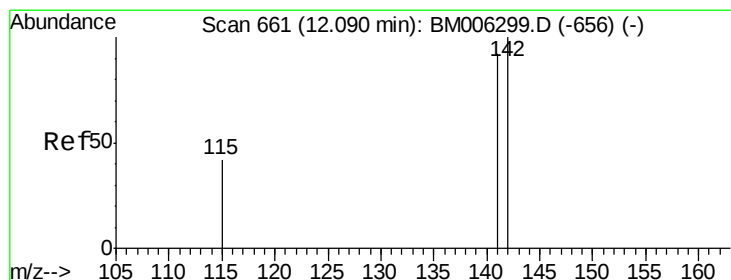
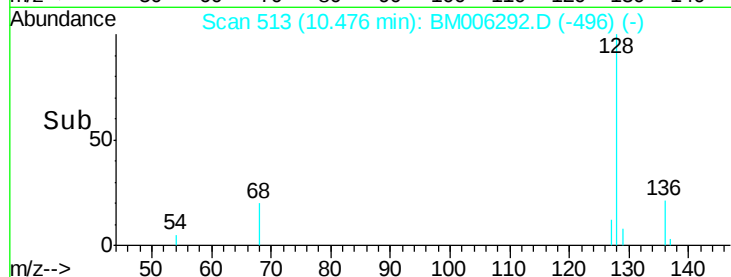
400

200

0

10.40 10.50

Time-->



#7

2-Methylnaphthalene

Concen: 0.02 ng/ul

RT: 12.09 min Scan# 661

Delta R.T. 0.00 min

Lab File: BM006292.D

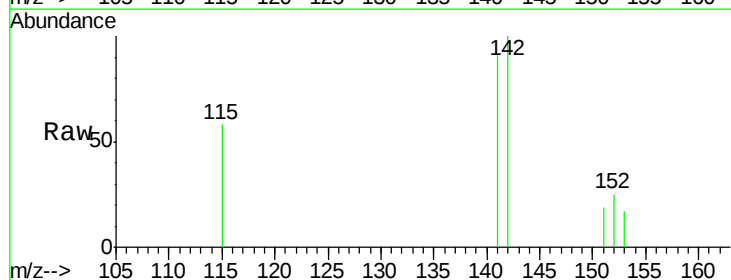
Acq: 06 Jul 2016 20:51

Tgt Ion:142 Resp: 629

Ion Ratio Lower Upper

142 100

141 89.2 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.09

400

300

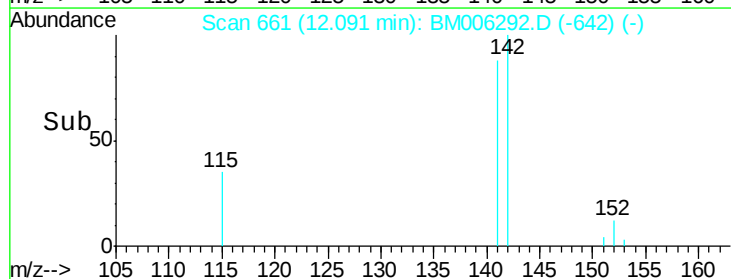
200

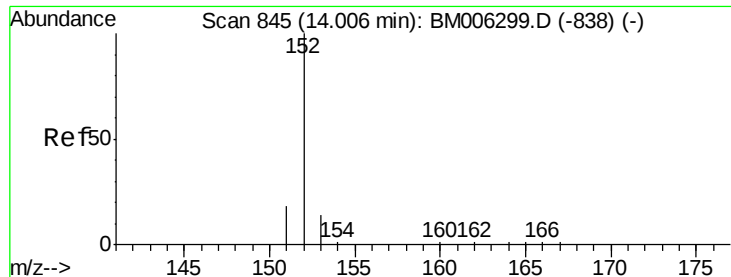
100

0

12.00 12.10 12.20

Time-->





#9

Acenaphthylene

Concen: 0.08 ng/ul

RT: 14.01 min Scan# 845

Delta R.T. 0.00 min

Lab File: BM006292.D

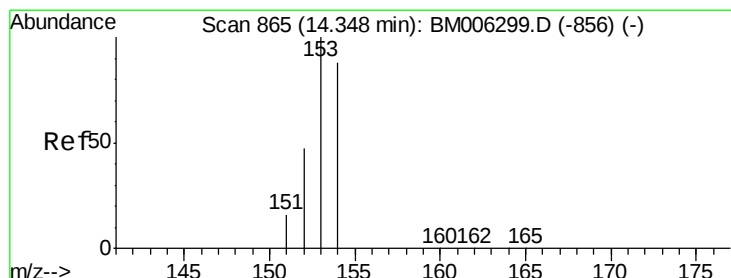
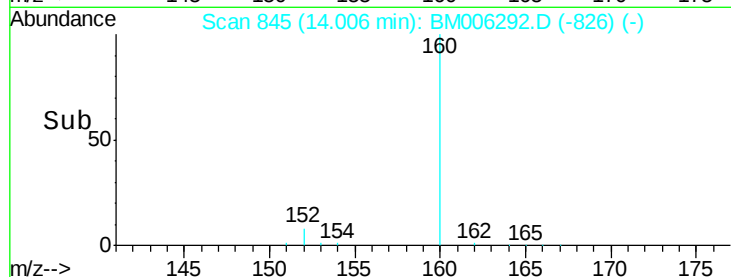
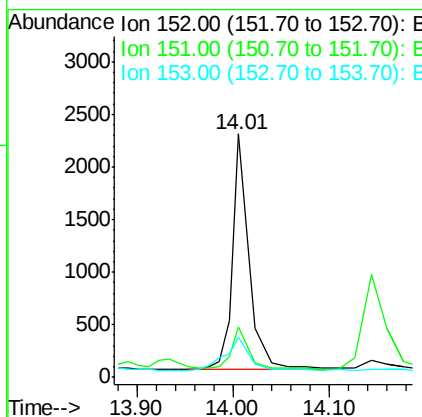
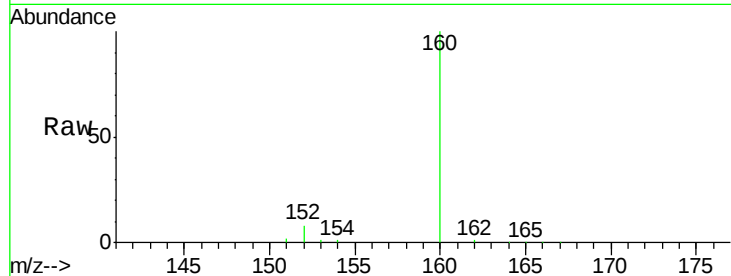
Acq: 06 Jul 2016 20:51

Instrument :
BNA_M
ClientSampleId :
A4TV6

Tot Ion	Ion	Ratio	Lower	Upper
152	100			
151	20.8	17.6	26.4	
153	16.6	9.7	14.5	

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#10

Acenaphthene

Concen: 0.03 ng/ul

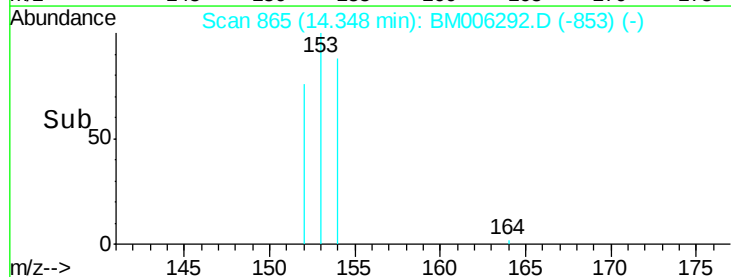
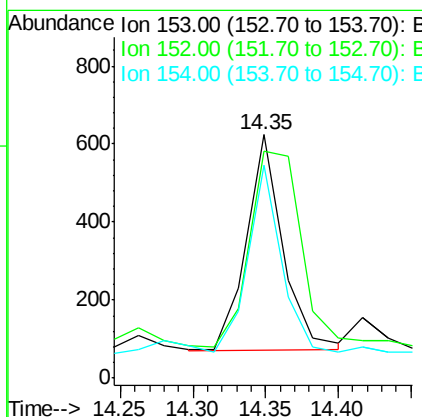
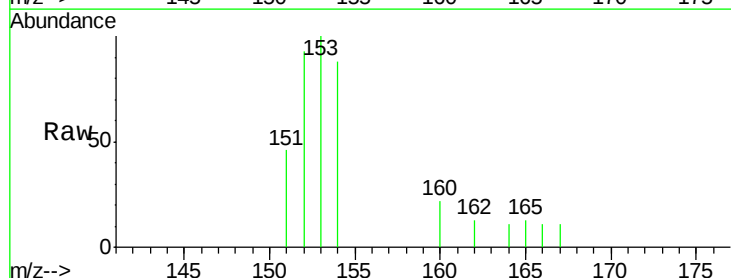
RT: 14.35 min Scan# 865

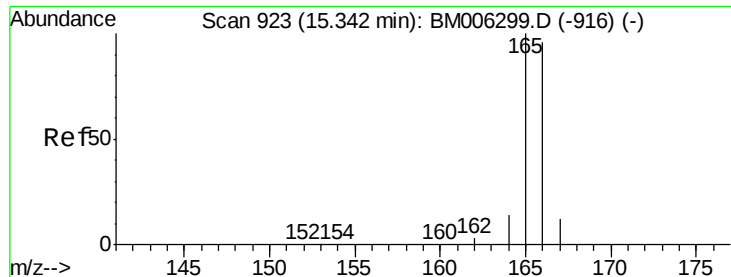
Delta R.T. 0.00 min

Lab File: BM006292.D

Acq: 06 Jul 2016 20:51

Tgt Ion	Ion	Ratio	Lower	Upper
153	100			
152	93.1	33.9	50.9	
154	87.7	80.6	121.0	





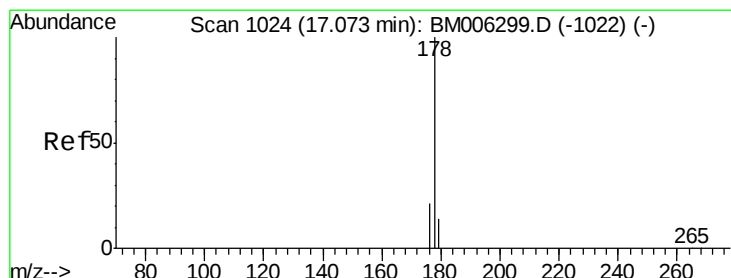
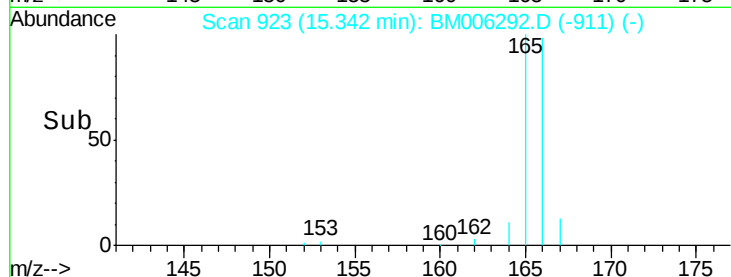
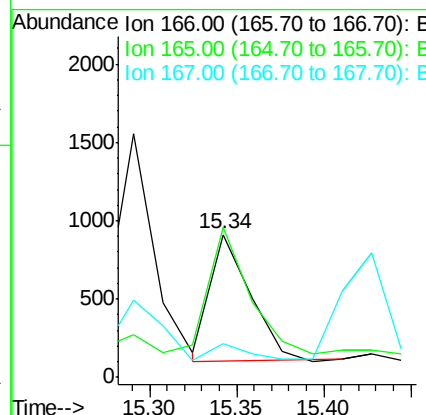
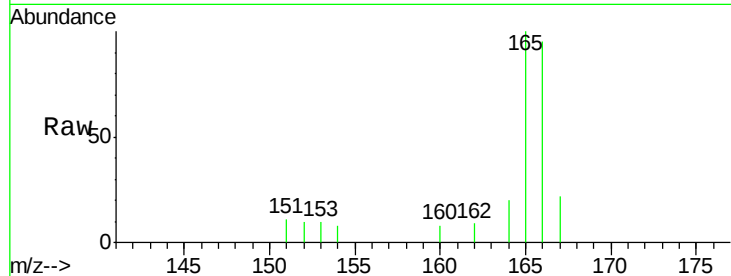
#11
Fluorene
Concen: 0.03 ng/ul
RT: 15.34 min Scan# 923
Delta R.T. 0.00 min
Lab File: BM006292.D
Acq: 06 Jul 2016 20:51

Instrument :
BNA_M
ClientSampleId :
A4TV6

Tot Ion:166 Resp: 1292
Ion Ratio Lower Upper
166 100
165 105.4 69.6 104.4#
167 23.5 11.9 17.9#

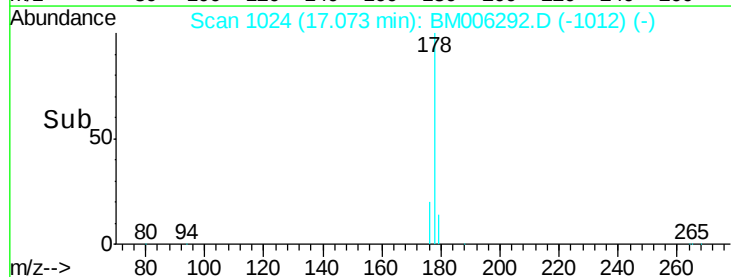
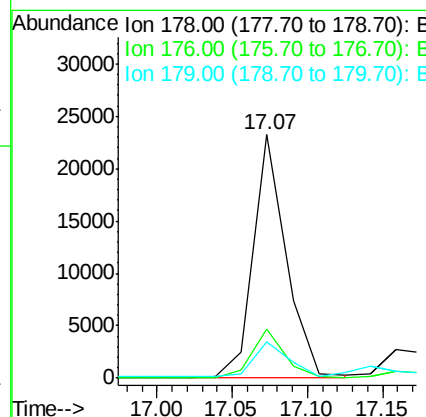
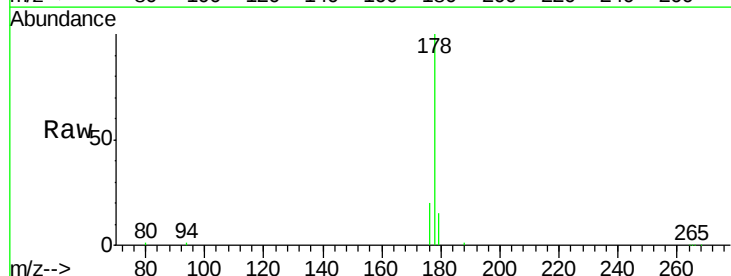
Manual Integrations

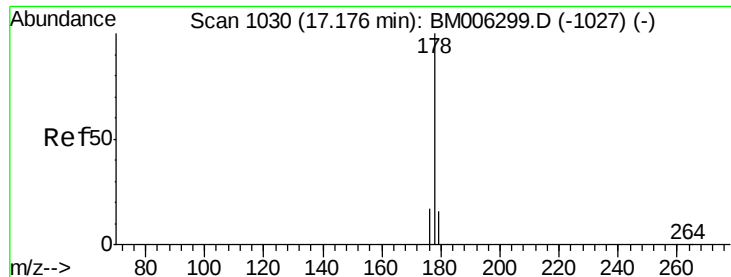
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#14
Phenanthrene
Concen: 0.56 ng/ul m
RT: 17.07 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BM006292.D
Acq: 06 Jul 2016 20:51

Tgt Ion:178 Resp: 34429
Ion Ratio Lower Upper
178 100
176 20.3 13.0 19.4#
179 14.9 14.2 21.2





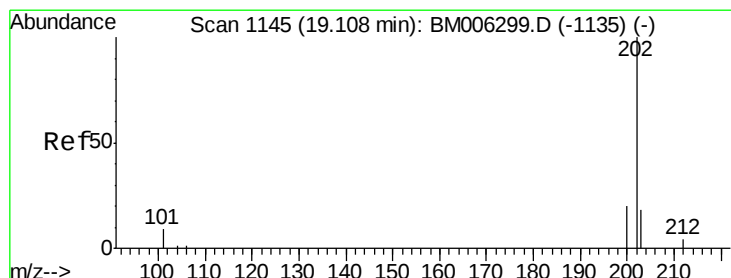
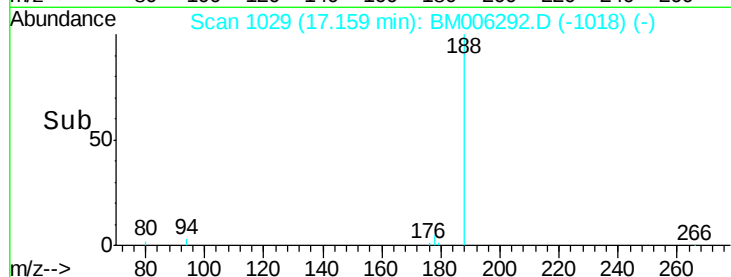
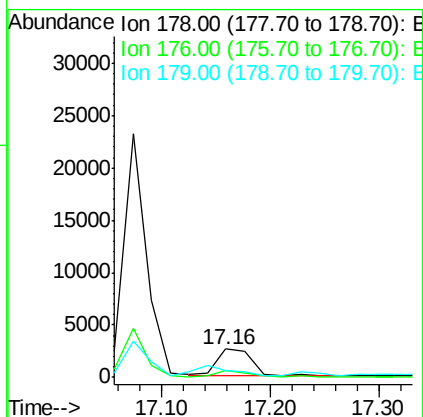
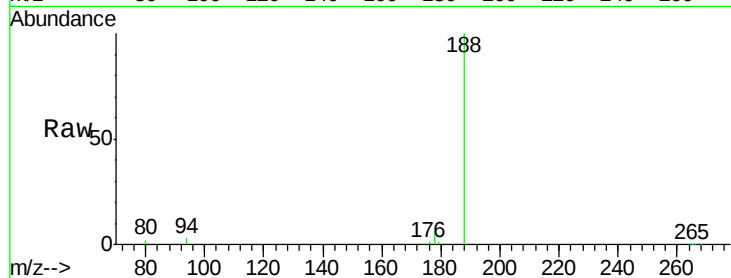
#15
 Anthracene
 Concen: 0.10 ng/ul
 RT: 17.16 min Scan# 1029
 Delta R.T. -0.02 min
 Lab File: BM006292.D
 Acq: 06 Jul 2016 20:51

Instrument :
 BNA_M
 ClientSampleId :
 A4TV6

Tot Ion:178 Resp: 5769
 Ion Ratio Lower Upper
 178 100
 176 24.0 14.0 21.0#
 179 22.5 12.9 19.3#

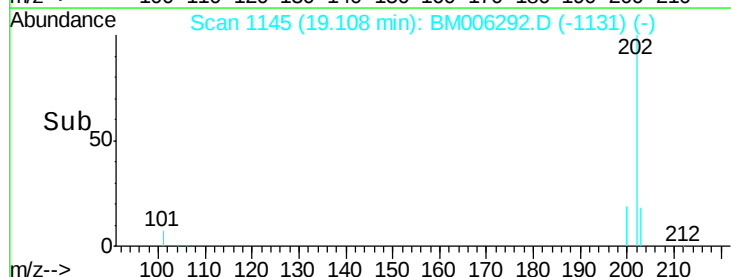
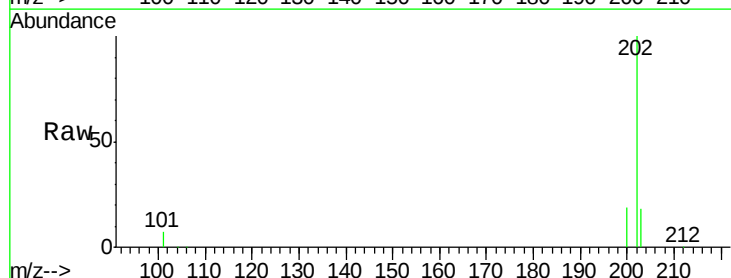
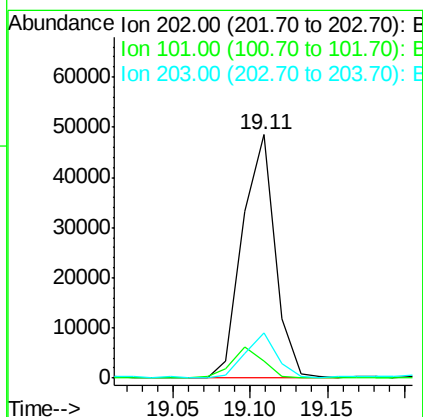
Manual Integrations

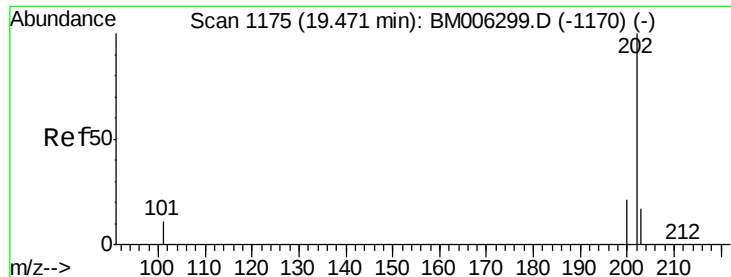
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#17
 Fluoranthene
 Concen: 1.05 ng/ul
 RT: 19.11 min Scan# 1145
 Delta R.T. 0.00 min
 Lab File: BM006292.D
 Acq: 06 Jul 2016 20:51

Tgt Ion:202 Resp: 70868
 Ion Ratio Lower Upper
 202 100
 101 6.8 0.0 29.6
 203 18.4 0.0 36.3





#19

Pvrene

Concen: 0.99 ng/ul

RT: 19.47 min Scan# 1175

Delta R.T. 0.00 min

Lab File: BM006292.D

Acq: 06 Jul 2016 20:51

Instrument :

BNA_M

ClientSampleId :

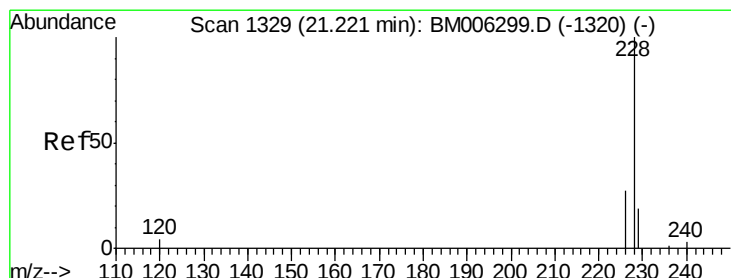
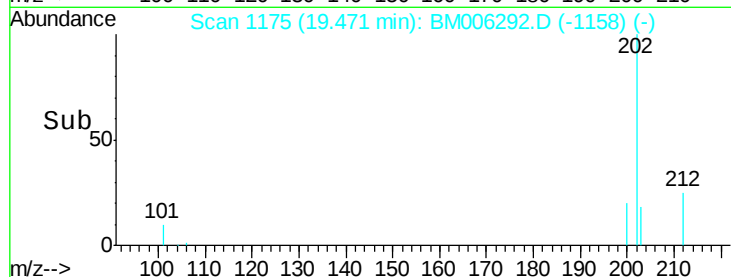
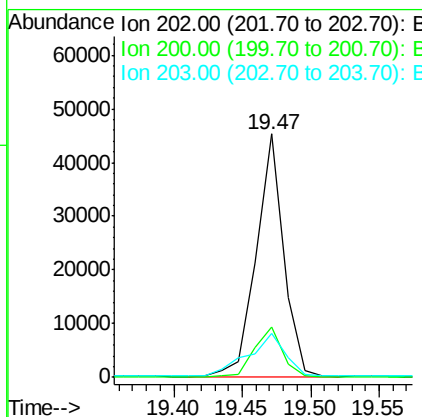
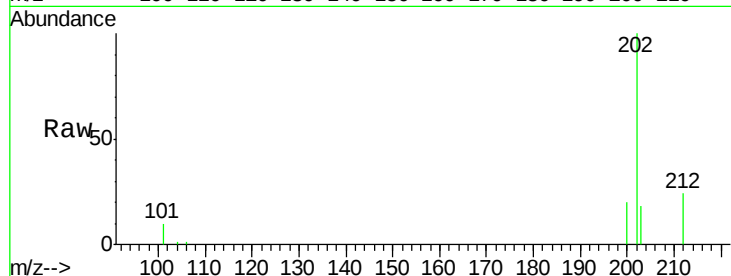
A4TV6

Tot Ion:	202	Resp:	62727
Ion Ratio	Lower	Upper	
202	100		
200	20.4	17.8	26.8
203	18.0	12.8	19.2

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#20

Benzo(a)anthracene

Concen: 0.50 ng/ul m

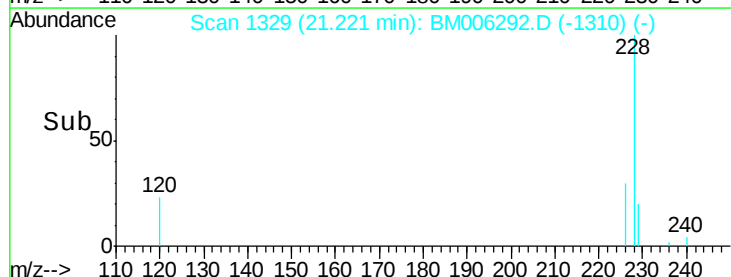
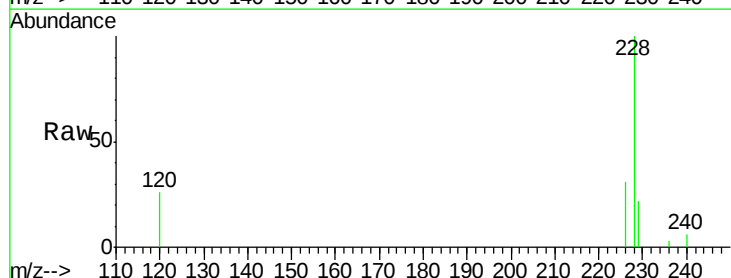
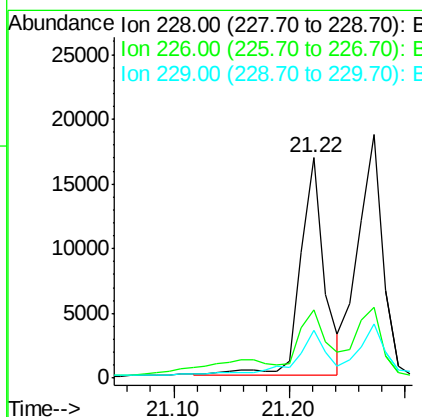
RT: 21.22 min Scan# 1329

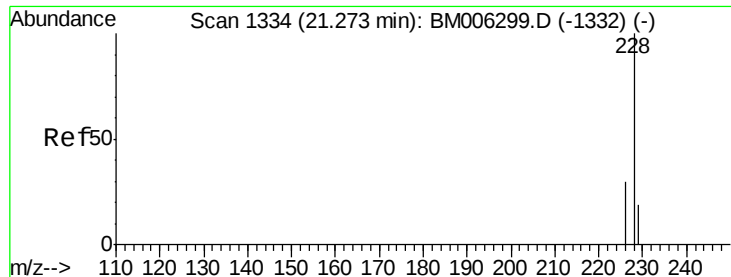
Delta R.T. 0.00 min

Lab File: BM006292.D

Acq: 06 Jul 2016 20:51

Tgt Ion:	228	Resp:	24240
Ion Ratio	Lower	Upper	
228	100		
226	30.9	18.8	28.2#
229	22.0	17.1	25.7





#21

Chrysene

Concen: 0.57 ng/ul

RT: 21.27 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BM006292.D

Acq: 06 Jul 2016 20:51

Instrument :

BNA_M

ClientSampleId :

A4TV6

Tot Ion:228 Resp: 27197

Ion Ratio Lower Upper

228 100

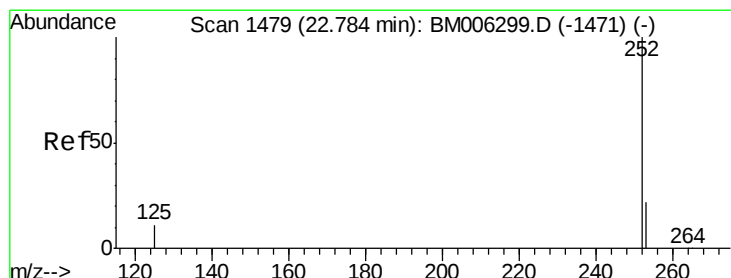
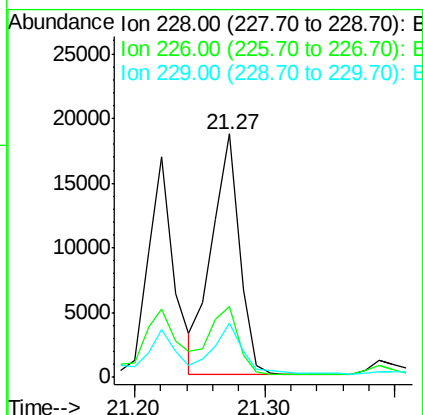
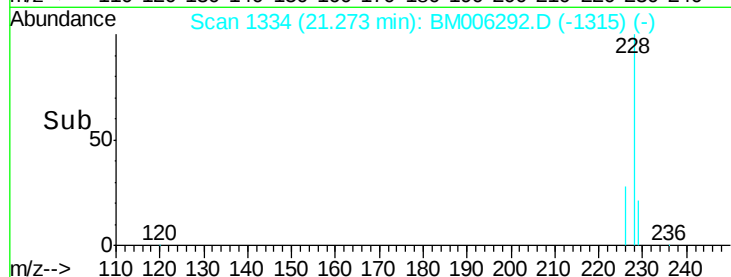
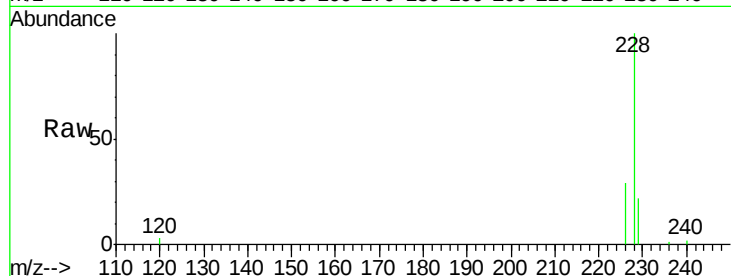
226 29.3 21.2 31.8

229 22.1 17.0 25.6

Manual Integrations

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#23

Benzo(b)fluoranthene

Concen: 0.75 ng/ul m

RT: 22.78 min Scan# 1479

Delta R.T. 0.00 min

Lab File: BM006292.D

Acq: 06 Jul 2016 20:51

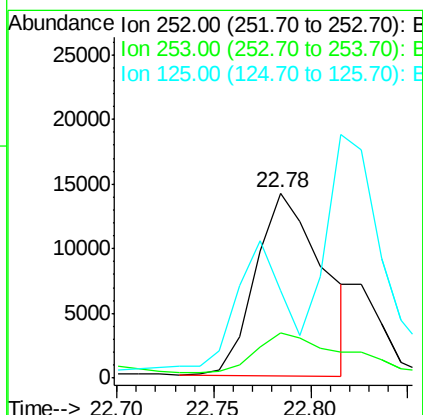
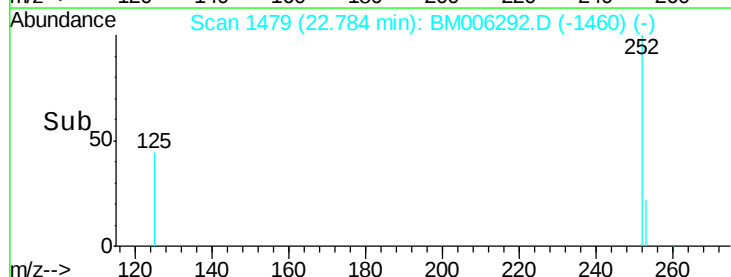
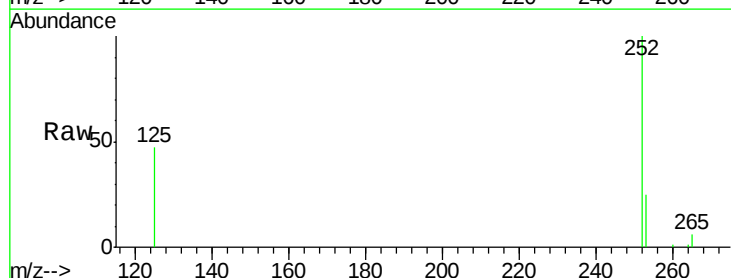
Tgt Ion:252 Resp: 34346

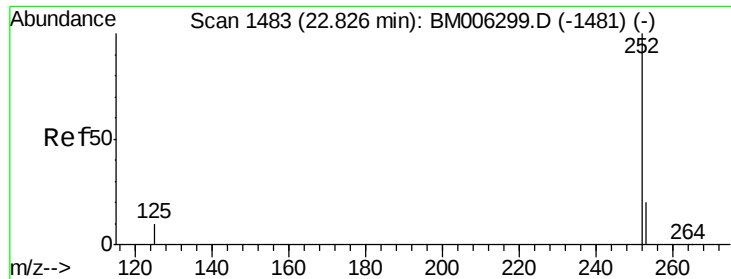
Ion Ratio Lower Upper

252 100

253 24.6 0.0 45.4

125 47.0 0.0 28.8#





#24

Benzo(k)fluoranthene

Concen: 0.19 ng/ul m

RT: 22.82 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BM006292.D

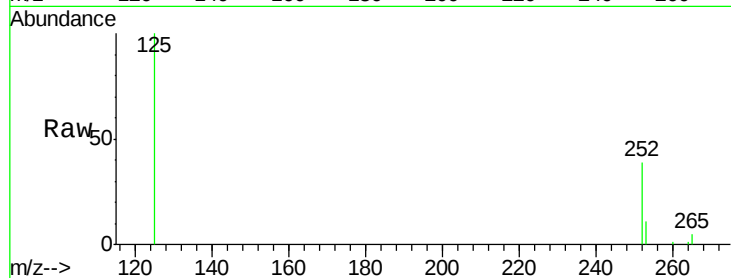
Acq: 06 Jul 2016 20:51

Instrument :

BNA_M

ClientSampleId :

A4TV6

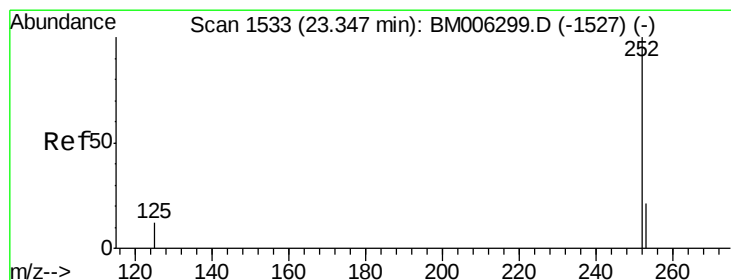
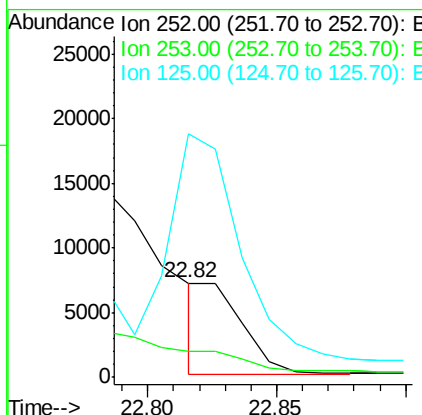
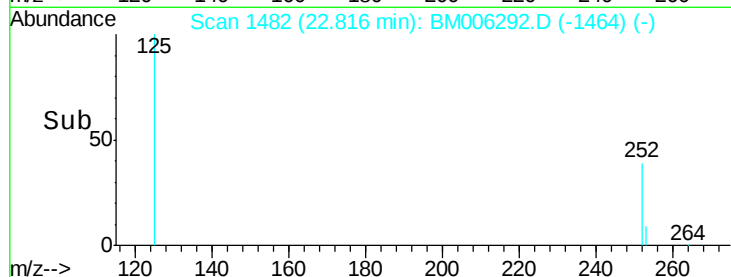


Tot Ion:	252	Resp:	7894
Ion Ratio	Lower	Upper	
252	100		
253	27.2	19.8	29.8
125	258.0	10.4	15.6

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#25

Benzo(a)pyrene

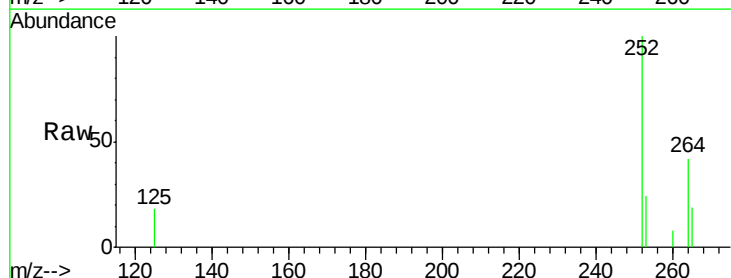
Concen: 0.51 ng/ul

RT: 23.35 min Scan# 1533

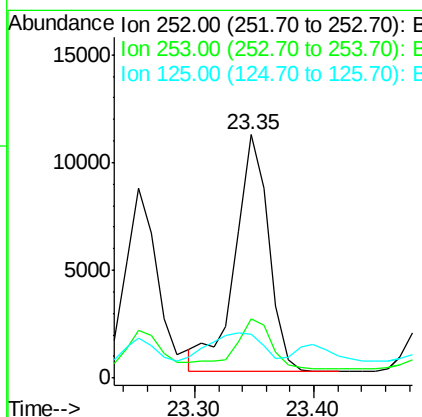
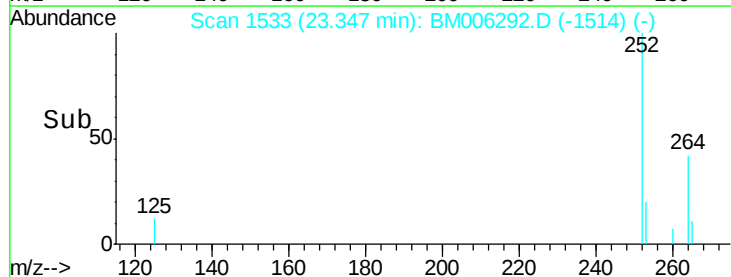
Delta R.T. 0.00 min

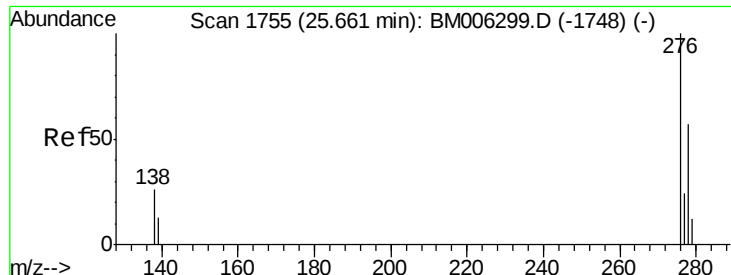
Lab File: BM006292.D

Acq: 06 Jul 2016 20:51



Tgt Ion:	252	Resp:	21508
Ion Ratio	Lower	Upper	
252	100		
253	24.3	19.4	29.2
125	17.9	12.7	19.1





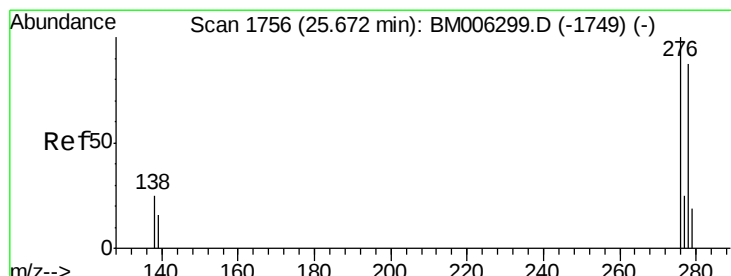
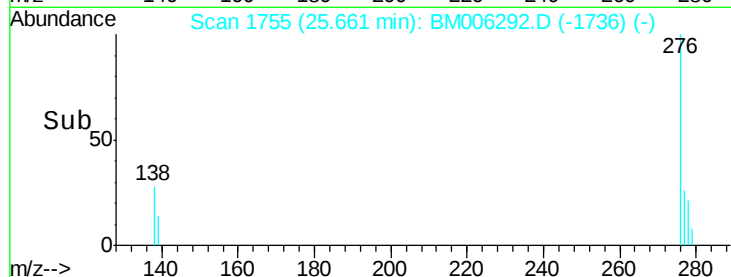
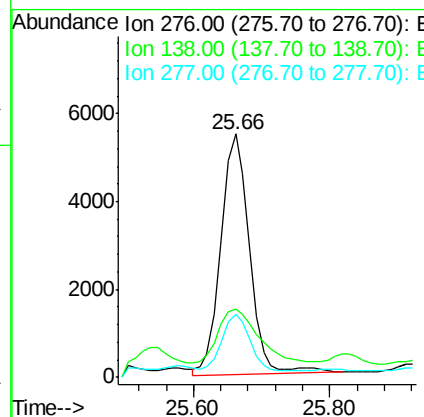
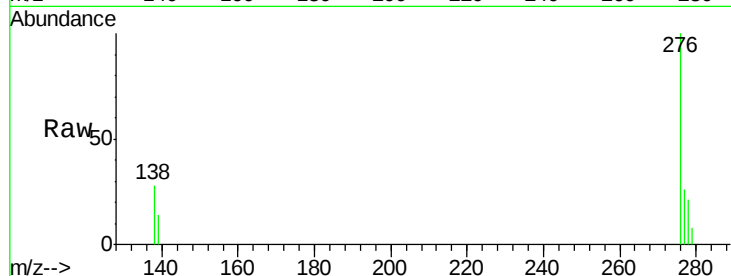
#26
Indeno(1,2,3-cd)pyrene
Concen: 0.34 ng/ul
RT: 25.66 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BM006292.D
Acq: 06 Jul 2016 20:51

Instrument :
BNA_M
ClientSampleId :
A4TV6

Tot Ion	Ratio	Lower	Upper
276	100		
138	38.6	16.3	24.5#
277	25.5	19.8	29.8

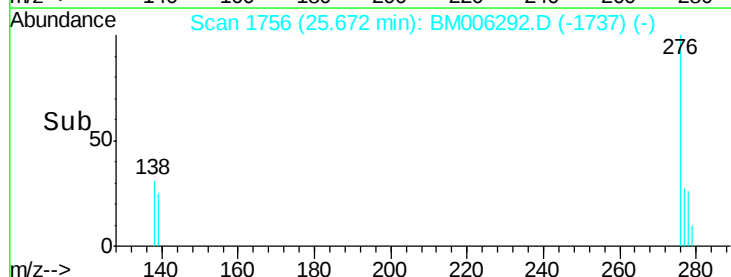
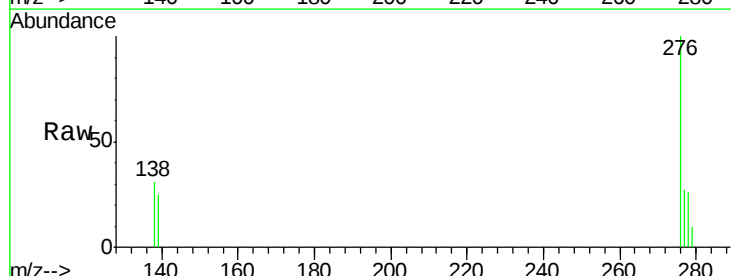
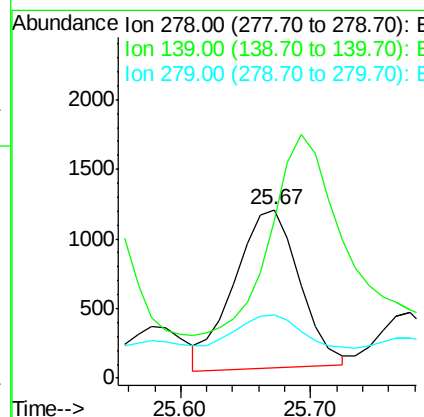
Manual Integrations

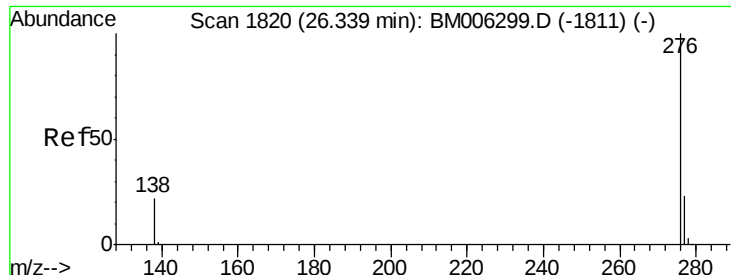
umangi
7/7/2016 6:05:09 PM



#27
Dibenzo(a,h)anthracene
Concen: 0.11 ng/ul
RT: 25.67 min Scan# 1756
Delta R.T. 0.00 min
Lab File: BM006292.D
Acq: 06 Jul 2016 20:51

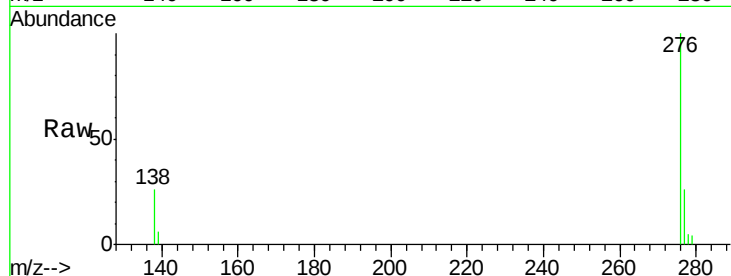
Tgt Ion	Ratio	Lower	Upper
278	100		
139	94.1	16.4	24.6#
279	37.7	20.2	30.2#





#28
 Benzo(a,h,i)perylene
 Concen: 0.35 ng/ul
 RT: 26.34 min Scan# 1820
 Delta R.T. 0.00 min
 Lab File: BM006292.D
 Acq: 06 Jul 2016 20:51

Instrument :
 BNA_M
 ClientSampleId :
 A4TV6



Tot Ion	Ratio	Lower	Upper
276	100		
277	26.0	18.9	28.3
138	26.3	22.5	33.7

Manual Integrations

umangi
 7/7/2016 6:05:09 PM

