

Data Path : Z:\HPCHEM1\BNA M\DATA\BM070716\
 Data File : BM006301.D
 Acq On : 07 Jul 2016 02:53
 Operator : UM/SJ
 Sample : H3811-17
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4TW5

Manual Integrations

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Quant Time: Jul 07 11:58:45 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	4835	0.40	ng/ul	0.00
4) Naphthalene-d8	10.43	136	19248	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.30	164	10800	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.04	188	22149m	0.40	ng/ul	0.00
18) Chrysene-d12	21.24	240	14457	0.40	ng/ul	0.00
22) Perylene-d12	23.45	264	12097m	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	6748	3.30	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.02	152	6177	0.27	ng/ul	0.00
16) Fluoranthene-d10	19.07	212	12610	0.27	ng/ul	-0.01
Target Compounds				Ovalue		
5) Naphthalene	10.48	128	3414	0.08	ng/ul#	92
7) 2-Methylnaphthalene	12.09	142	1734	0.06	ng/ul	100
9) Acenaphthylene	14.01	152	12264	0.34	ng/ul#	93
10) Acenaphthene	14.35	153	1144	0.03	ng/ul#	87
11) Fluorene	15.34	166	3331	0.08	ng/ul#	79
14) Phenanthrene	17.07	178	59635m	0.97	ng/ul	
15) Anthracene	17.16	178	13705	0.24	ng/ul#	92
17) Fluoranthene	19.11	202	124829m	1.85	ng/ul	
19) Pyrene	19.47	202	141022	2.33	ng/ul	97
20) Benzo(a)anthracene	21.22	228	52292	1.12	ng/ul#	91
21) Chrysene	21.27	228	67313	1.47	ng/ul	95
23) Benzo(b)fluoranthene	22.78	252	70217m	1.62	ng/ul	
24) Benzo(k)fluoranthene	22.83	252	17766m	0.44	ng/ul	
25) Benzo(a)pyrene	23.35	252	46513m	1.15	ng/ul	
26) Indeno(1,2,3-cd)pyrene	25.66	276	30710m	0.69	ng/ul	
27) Dibenzo(a,h)anthracene	25.67	278	8898m	0.25	ng/ul	
28) Benzo(g,h,i)perylene	26.34	276	25508m	0.67	ng/ul	

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

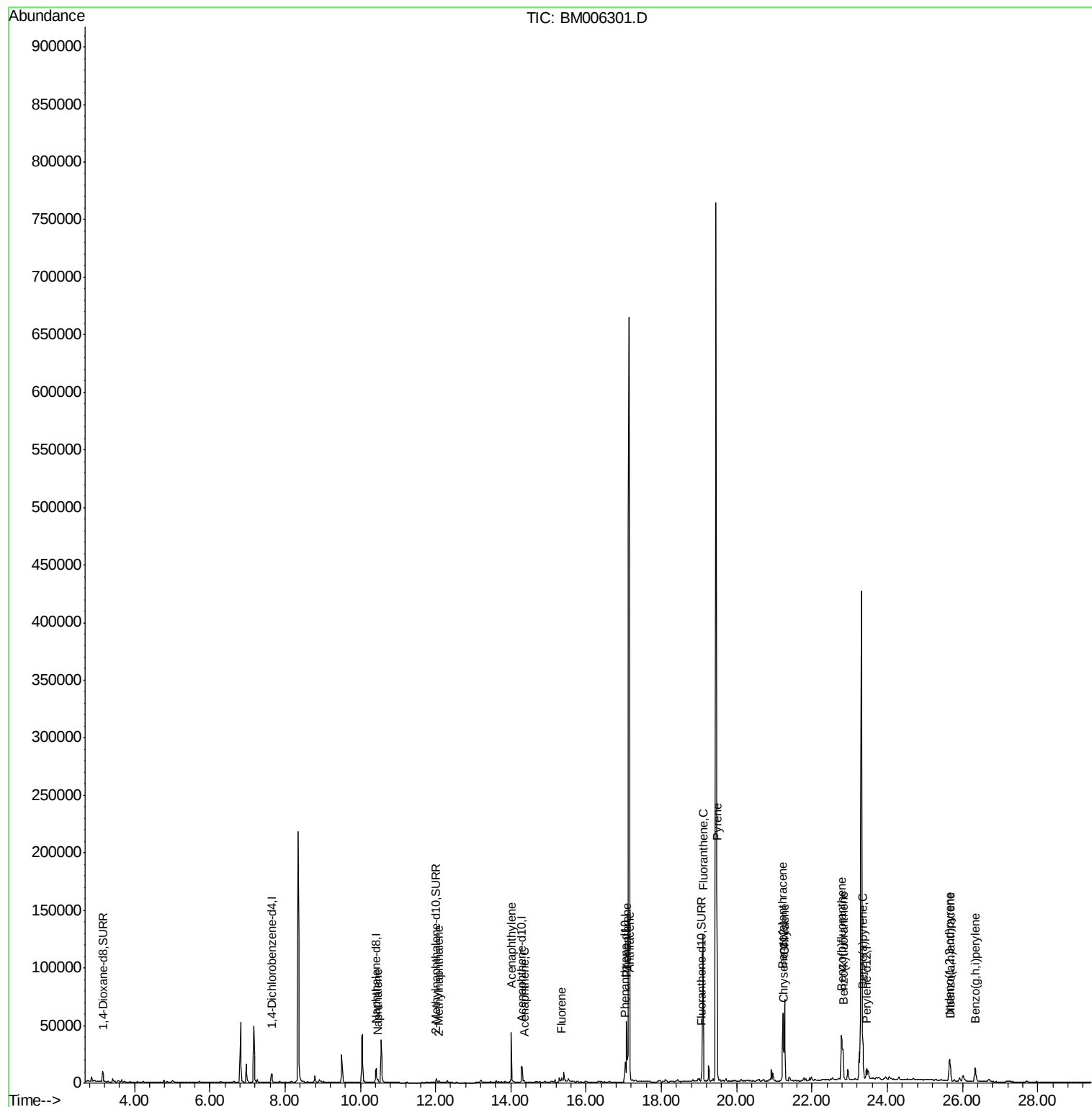
Data Path : Z:\HPCHEM1\BNA M\DATA\BM070716\
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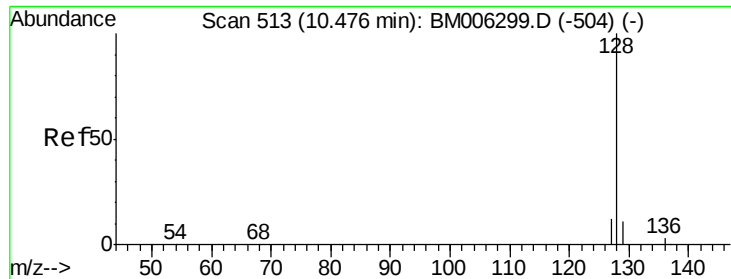
Instrument :
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Quant Time: Jul 07 11:58:45 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM070716.M
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#5

Naphthalene

Concen: 0.08 ng/ul

RT: 10.48 min Scan# 513

Delta R.T. 0.00 min

Lab File: BM006301.D

Acq: 07 Jul 2016 02:53

Instrument :

BNA_M

ClientSampleId :

A4TW5

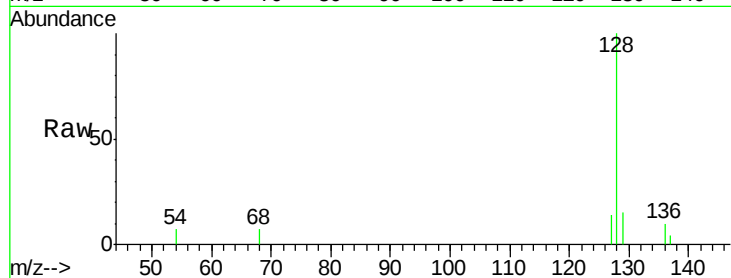
Tot Ion:128 Resp: 3414

Ion	Ratio	Lower	Upper
128	100		
129	15.2	9.0	13.6#
127	14.5	9.6	14.4#

Manual Integrations

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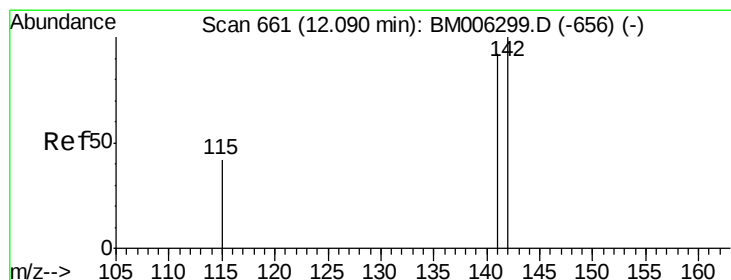
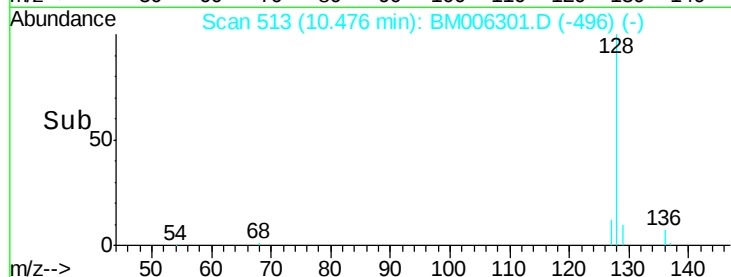
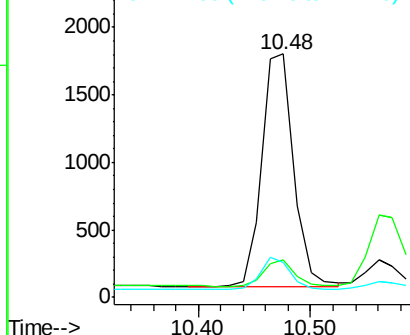


Abundance

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



#7

2-Methylnaphthalene

Concen: 0.06 ng/ul

RT: 12.09 min Scan# 661

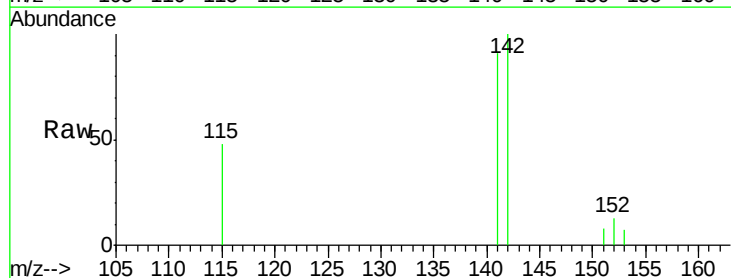
Delta R.T. 0.00 min

Lab File: BM006301.D

Acq: 07 Jul 2016 02:53

Tgt Ion:142 Resp: 1734

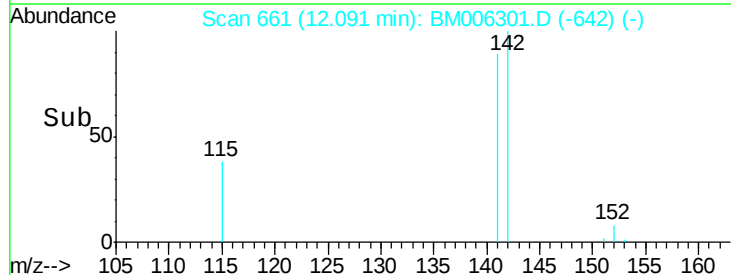
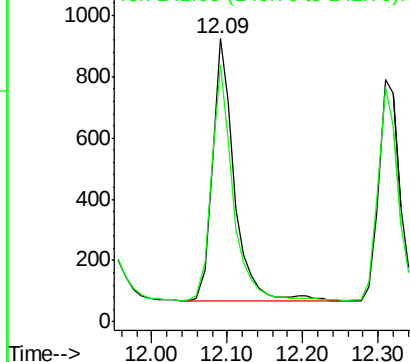
Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.3	105.5

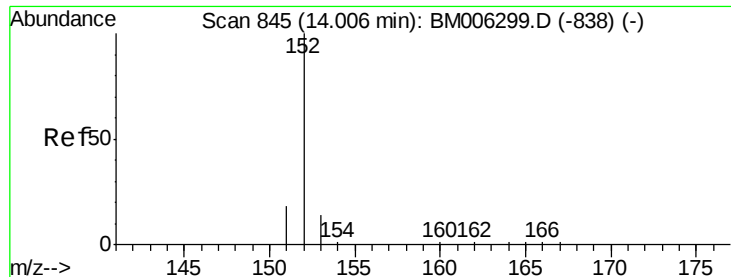


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.34 ng/ul

RT: 14.01 min Scan# 845

Delta R.T. 0.00 min

Lab File: BM006301.D

Acq: 07 Jul 2016 02:53

Instrument :

BNA_M

ClientSampleId :

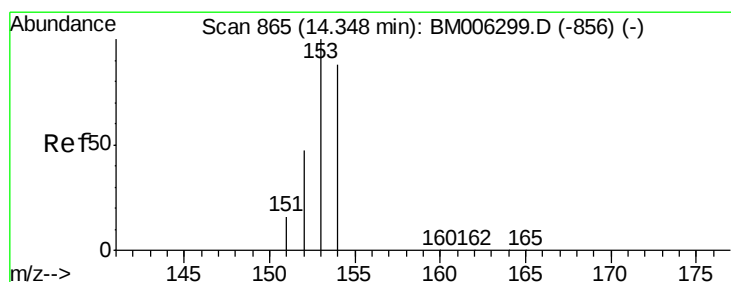
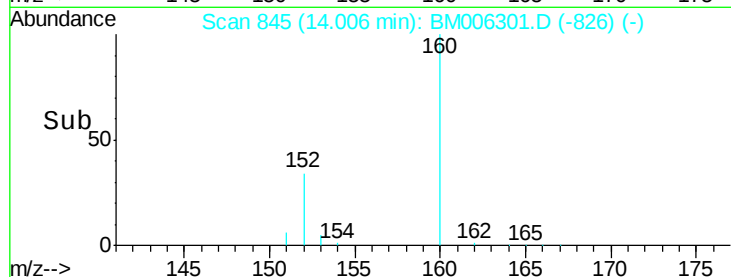
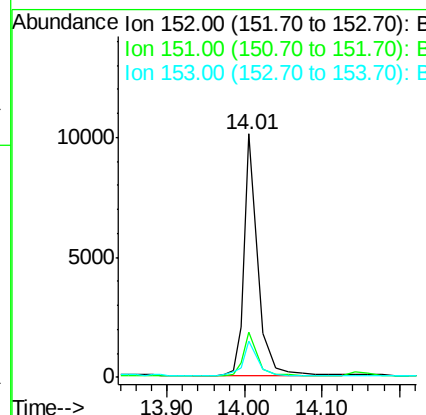
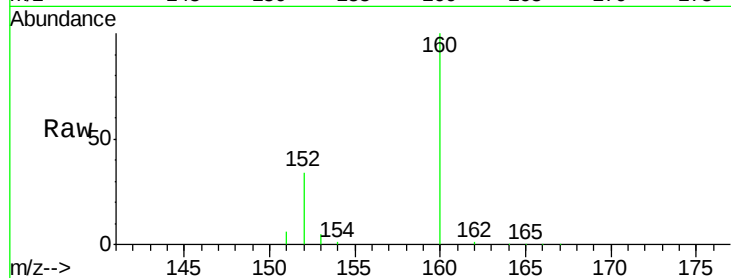
A4TW5

Tot Ion:	152	Resp:	12264
Ion Ratio	Lower	Upper	
152	100		
151	18.7	17.6	26.4
153	14.7	9.7	14.5#

Manual Integrations

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#10

Acenaphthene

Concen: 0.03 ng/ul

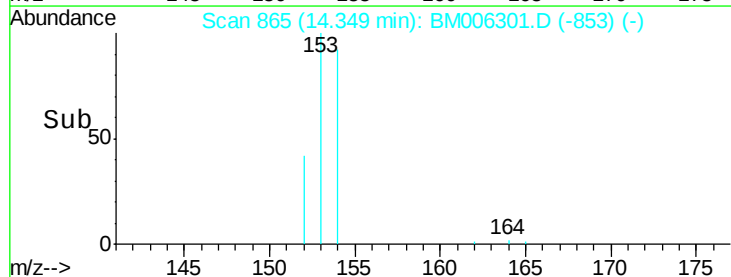
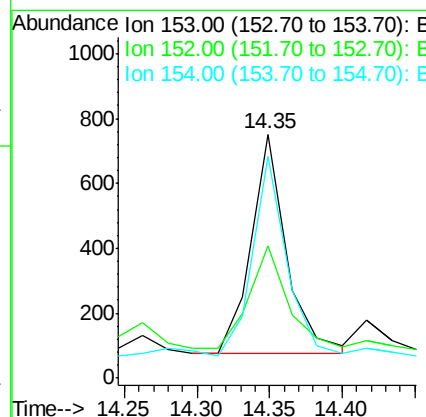
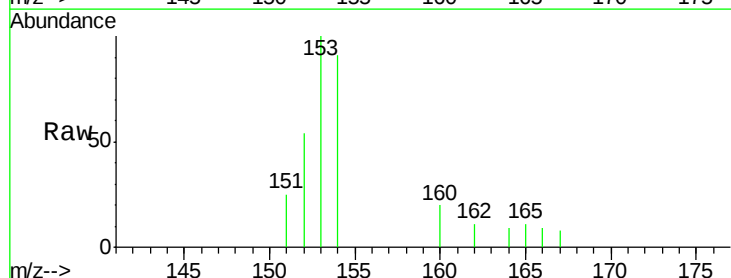
RT: 14.35 min Scan# 865

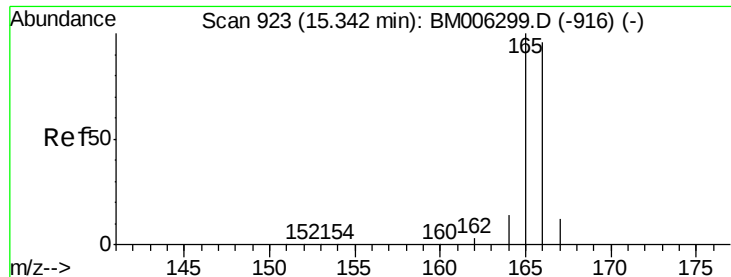
Delta R.T. 0.00 min

Lab File: BM006301.D

Acq: 07 Jul 2016 02:53

Tgt Ion:	153	Resp:	1144
Ion Ratio	Lower	Upper	
153	100		
152	54.3	33.9	50.9#
154	90.8	80.6	121.0





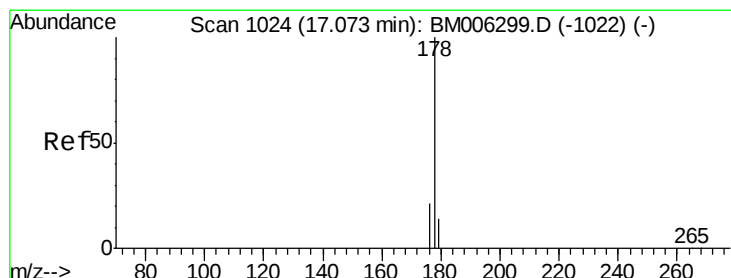
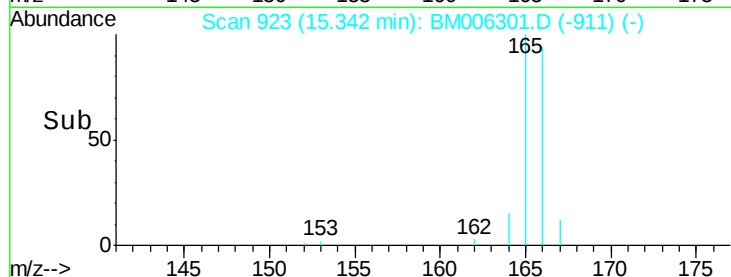
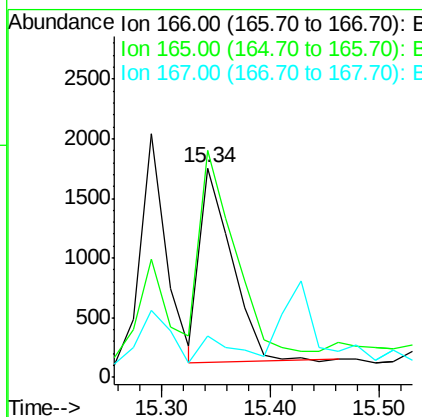
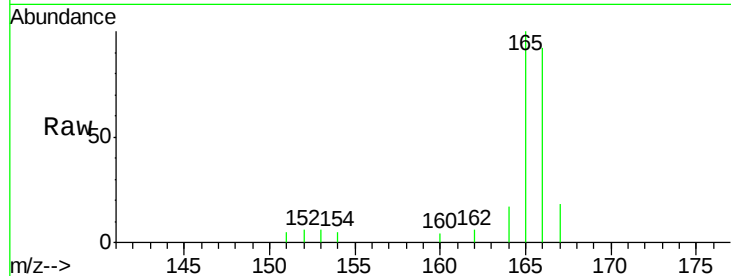
#11
Fluorene
Concen: 0.08 ng/ul
RT: 15.34 min Scan# 923
Delta R.T. 0.00 min
Lab File: BM006301.D
Acq: 07 Jul 2016 02:53

Instrument :
BNA_M
ClientSampled :
A4TW5

Tot Ion:166 Resp: 3331
Ion Ratio Lower Upper
166 100
165 108.3 69.6 104.4#
167 19.5 11.9 17.9#

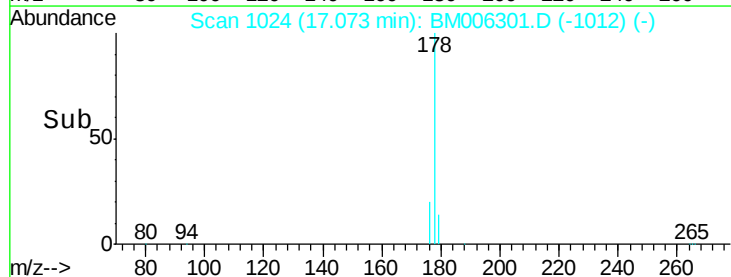
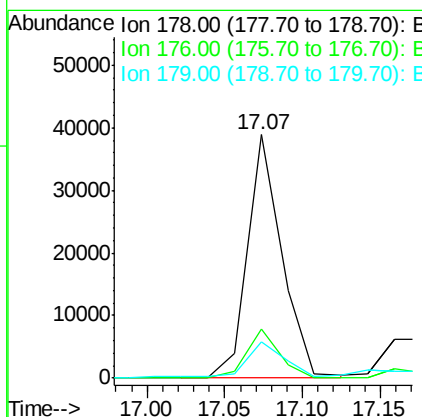
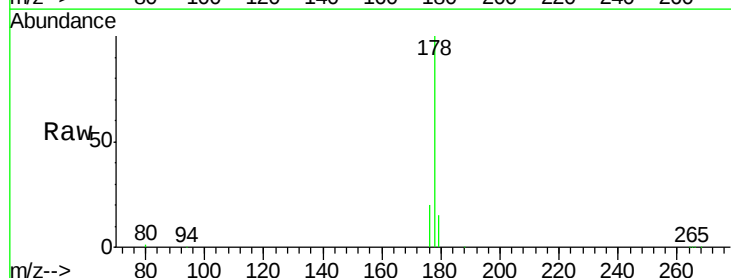
Manual Integrations

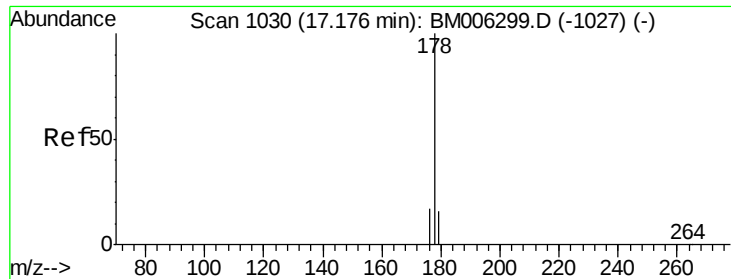
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#14
Phenanthrene
Concen: 0.97 ng/ul m
RT: 17.07 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BM006301.D
Acq: 07 Jul 2016 02:53

Tgt Ion:178 Resp: 59635
Ion Ratio Lower Upper
178 100
176 20.2 13.0 19.4#
179 14.8 14.2 21.2





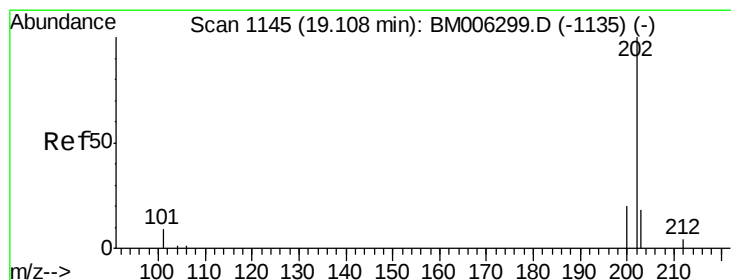
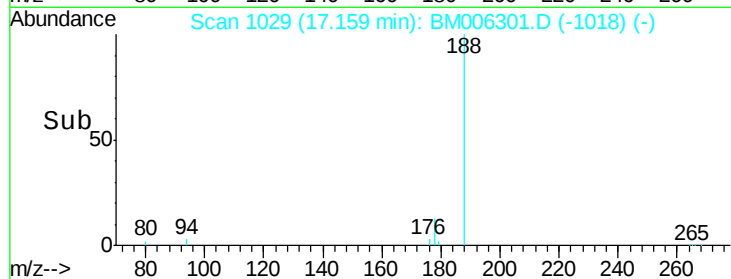
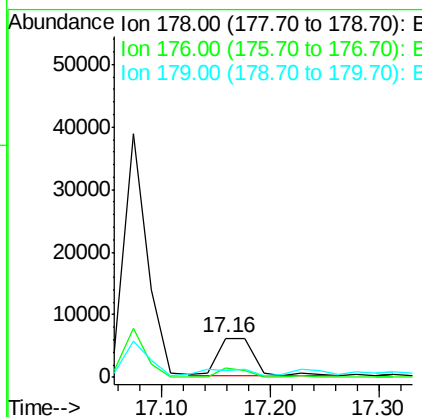
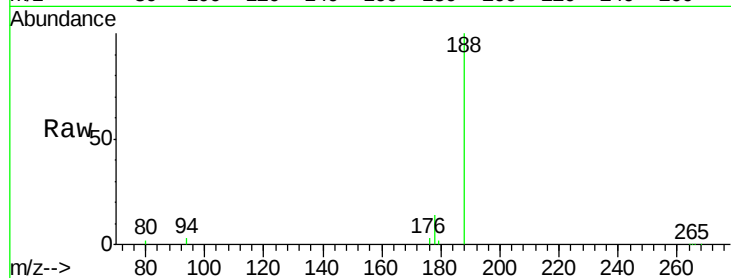
#15
 Anthracene
 Concen: 0.24 ng/ul
 RT: 17.16 min Scan# 1029
 Delta R.T. -0.02 min
 Lab File: BM006301.D
 Acq: 07 Jul 2016 02:53

Instrument :
 BNA_M
 ClientSampleId :
 A4TW5

Tot Ion:178 Resp: 13705
 Ion Ratio Lower Upper
 178 100
 176 22.9 14.0 21.0#
 179 17.3 12.9 19.3

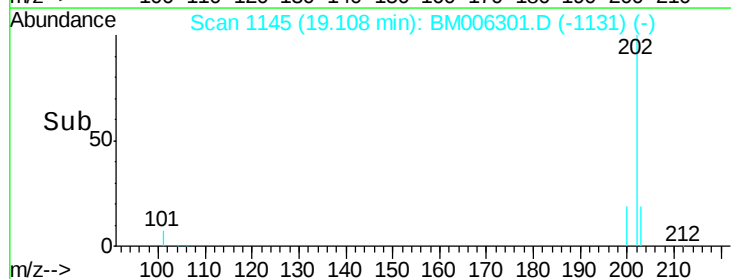
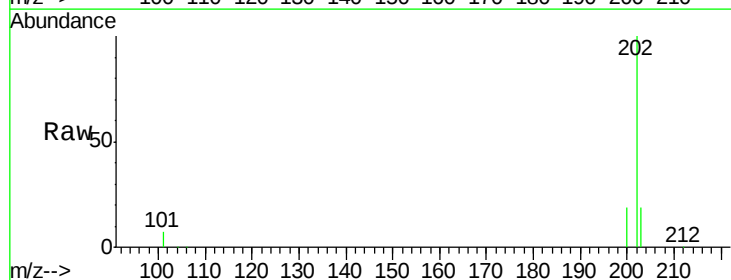
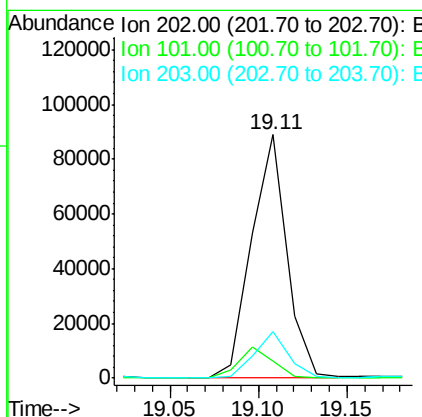
Manual Integrations

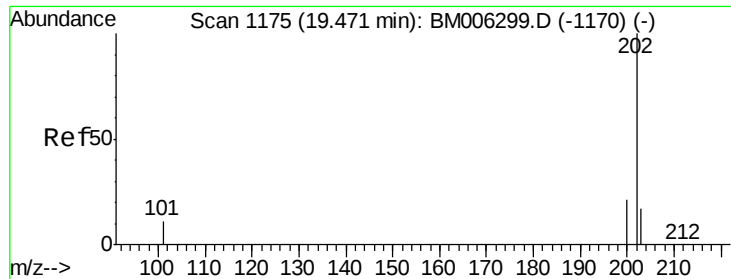
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#17
 Fluoranthene
 Concen: 1.85 ng/ul m
 RT: 19.11 min Scan# 1145
 Delta R.T. 0.00 min
 Lab File: BM006301.D
 Acq: 07 Jul 2016 02:53

Tgt Ion:202 Resp: 124829
 Ion Ratio Lower Upper
 202 100
 101 6.9 0.0 29.6
 203 18.8 0.0 36.3





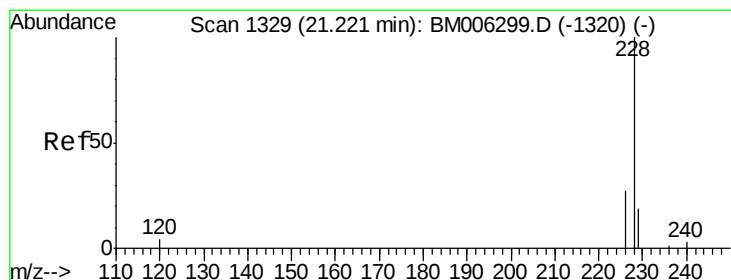
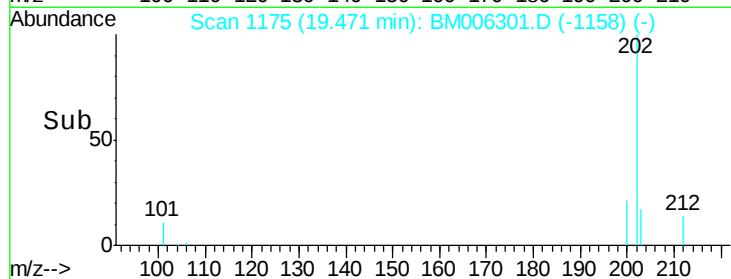
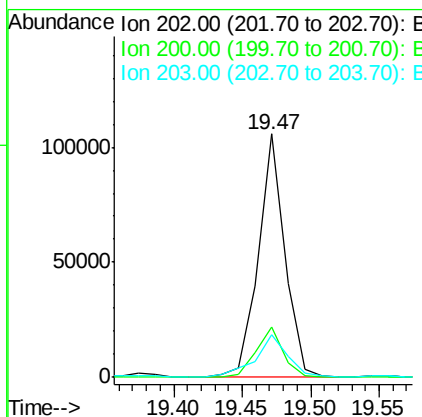
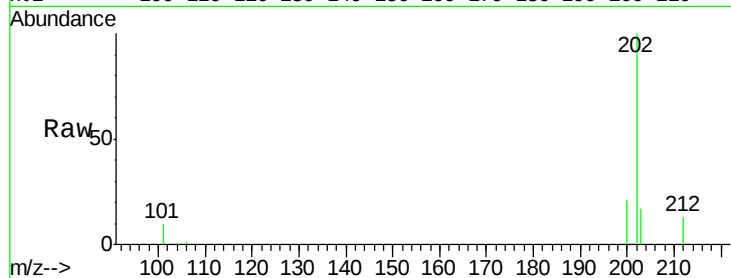
#19
Pvrene
Concen: 2.33 ng/ul
RT: 19.47 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BM006301.D
Acq: 07 Jul 2016 02:53

Instrument :
BNA_M
ClientSampleId :
A4TW5

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.8	26.8
203	17.4	12.8	19.2

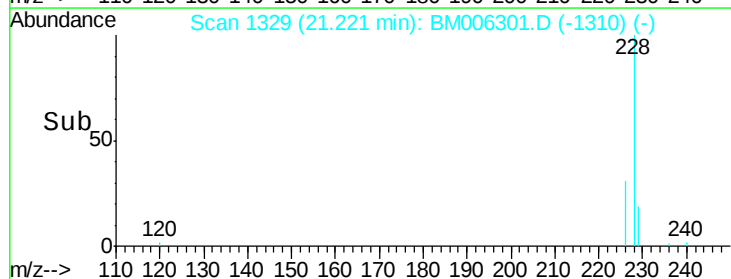
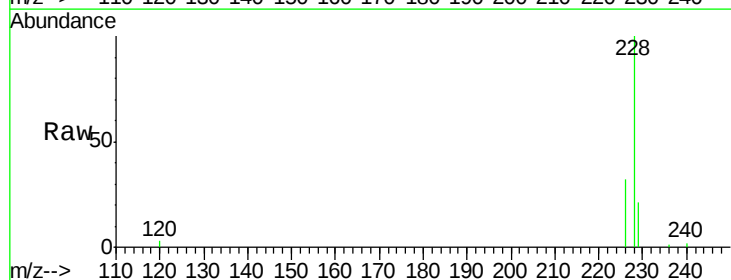
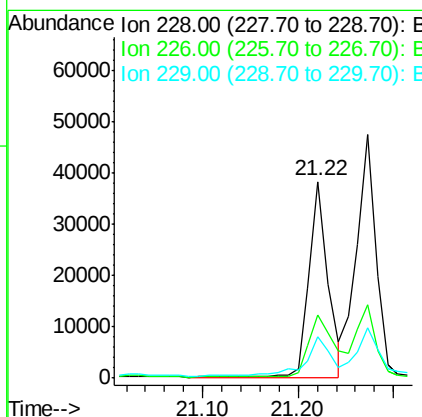
Manual Integrations

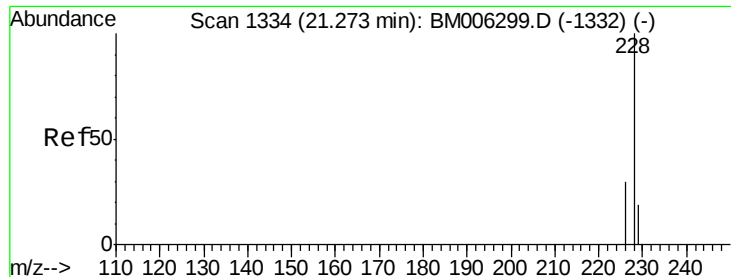
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#20
Benzo(a)anthracene
Concen: 1.12 ng/ul
RT: 21.22 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BM006301.D
Acq: 07 Jul 2016 02:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.2	18.8	28.2#
229	21.2	17.1	25.7





#21

Chrysene

Concen: 1.47 ng/ul

RT: 21.27 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BM006301.D

Acq: 07 Jul 2016 02:53

Instrument :

BNA_M

ClientSampleId :

A4TW5

Tot Ion:228 Resp: 67313

Ion Ratio Lower Upper

228 100

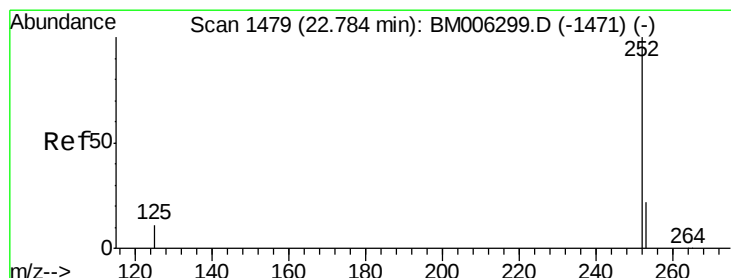
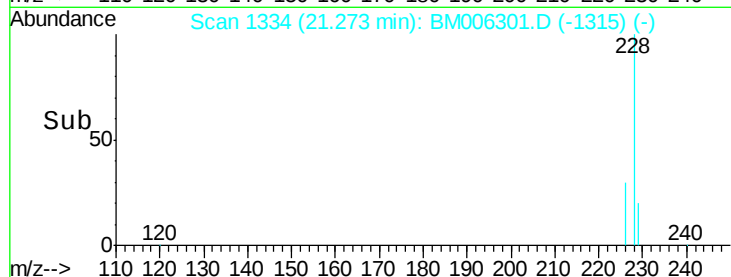
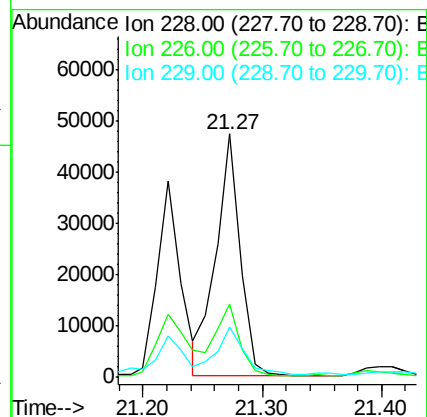
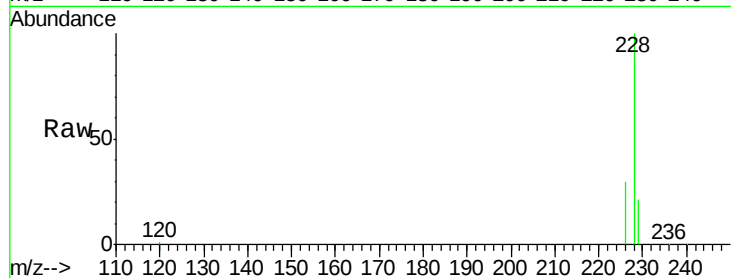
226 30.3 21.2 31.8

229 20.8 17.0 25.6

Manual Integrations

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#23

Benzo(b)fluoranthene

Concen: 1.62 ng/ul m

RT: 22.78 min Scan# 1479

Delta R.T. 0.00 min

Lab File: BM006301.D

Acq: 07 Jul 2016 02:53

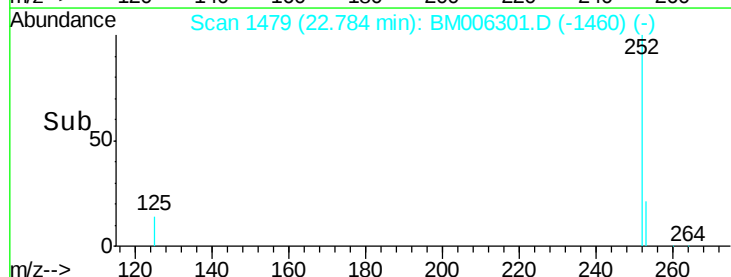
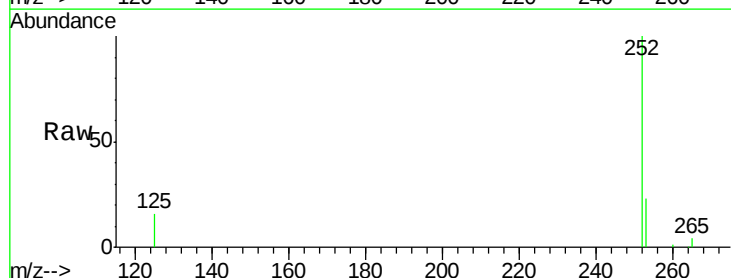
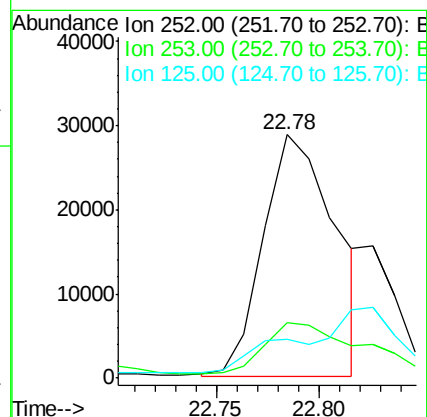
Tgt Ion:252 Resp: 70217

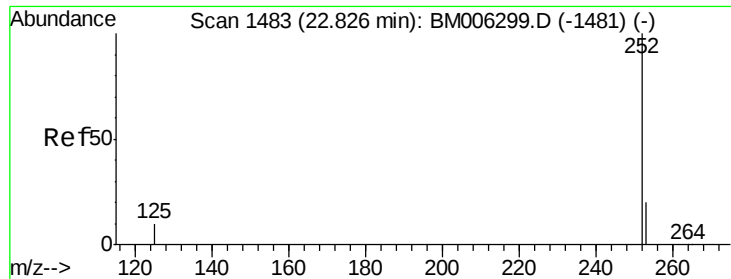
Ion Ratio Lower Upper

252 100

253 22.9 0.0 45.4

125 15.8 0.0 28.8





#24

Benzo(k)fluoranthene

Concen: 0.44 ng/ul m

RT: 22.83 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BM006301.D

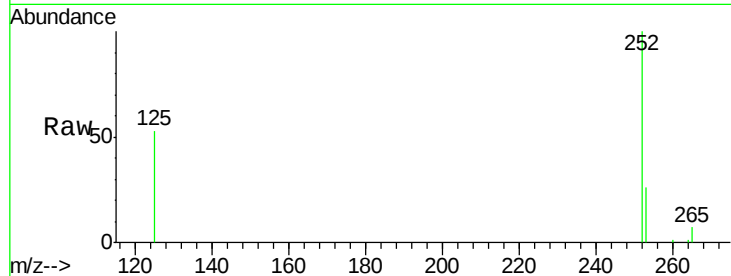
Acq: 07 Jul 2016 02:53

Instrument :

BNA_M

ClientSampleId :

A4TW5



Tot Ion:252 Resp: 17766

Ion Ratio Lower Upper

252 100

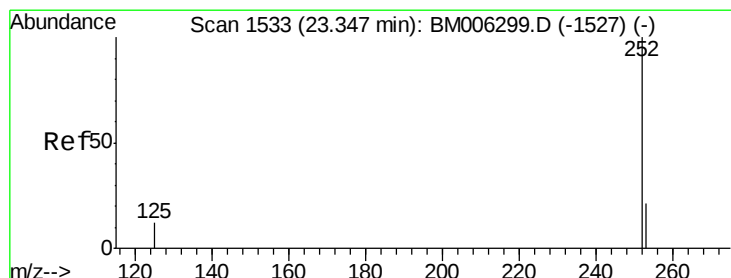
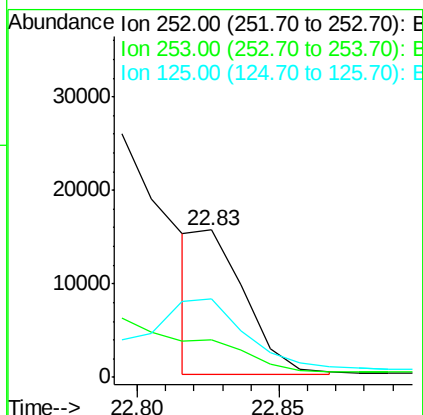
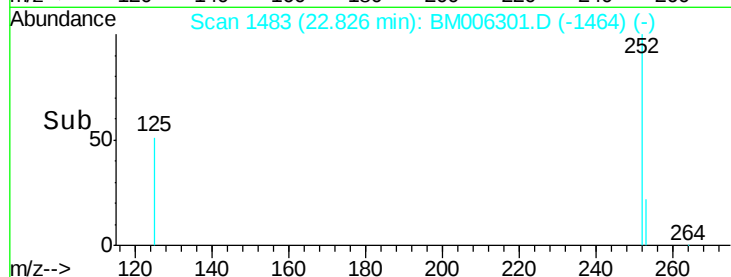
253 25.7 19.8 29.8

125 53.1 10.4 15.6#

Manual Integrations

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#25

Benzo(a)pyrene

Concen: 1.15 ng/ul m

RT: 23.35 min Scan# 1533

Delta R.T. 0.00 min

Lab File: BM006301.D

Acq: 07 Jul 2016 02:53

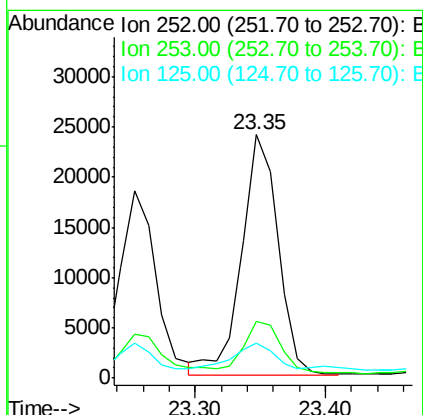
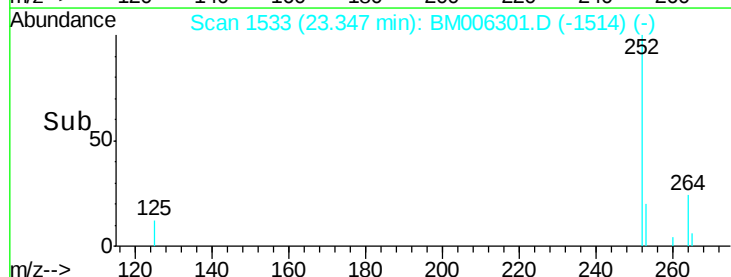
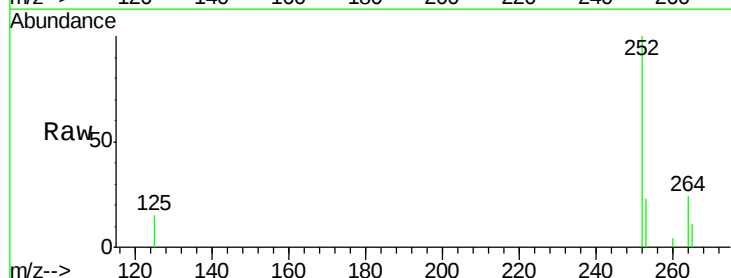
Tgt Ion:252 Resp: 46513

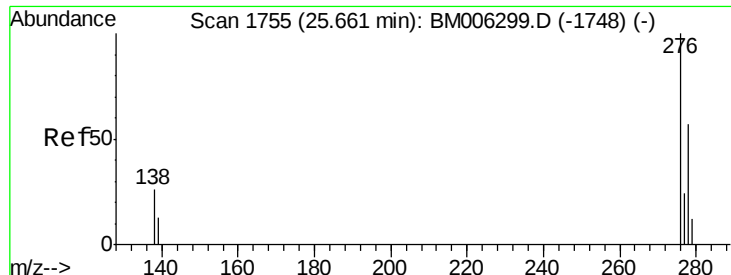
Ion Ratio Lower Upper

252 100

253 23.3 19.4 29.2

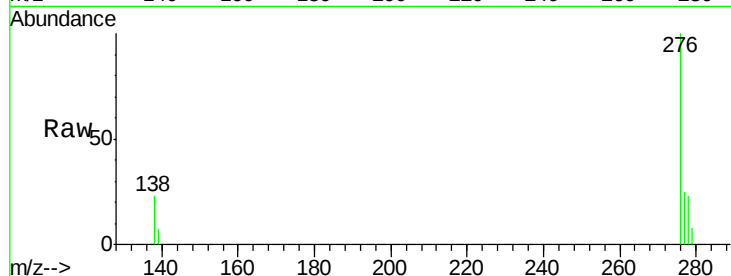
125 14.6 12.7 19.1





#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.69 ng/ul m
 RT: 25.66 min Scan# 1755
 Delta R.T. 0.00 min
 Lab File: BM006301.D
 Acq: 07 Jul 2016 02:53

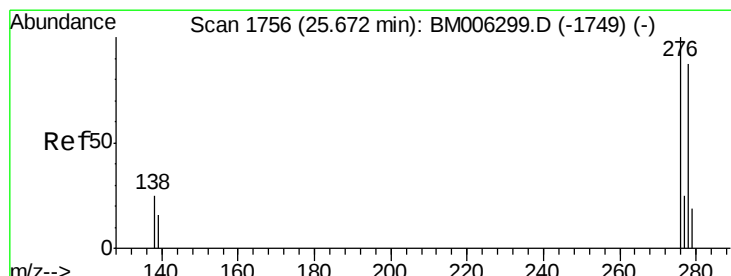
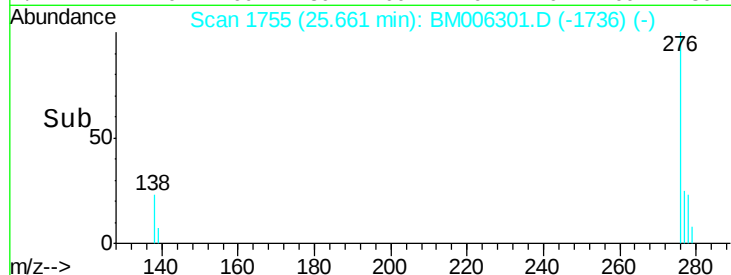
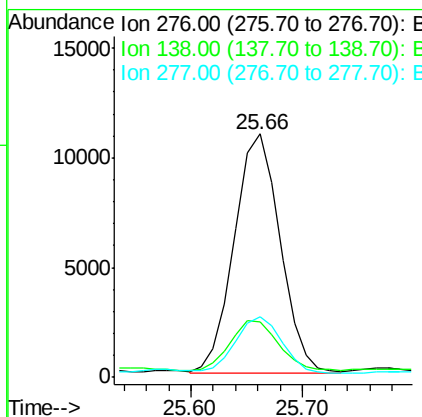
Instrument :
 BNA_M
 ClientSampleId :
 A4TW5



Tot Ion: 276 Resp: 30710
 Ion Ratio Lower Upper
 276 100
 138 18.3 16.3 24.5
 277 18.2 19.8 29.8#

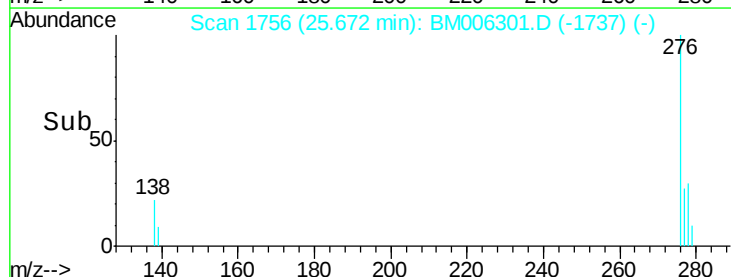
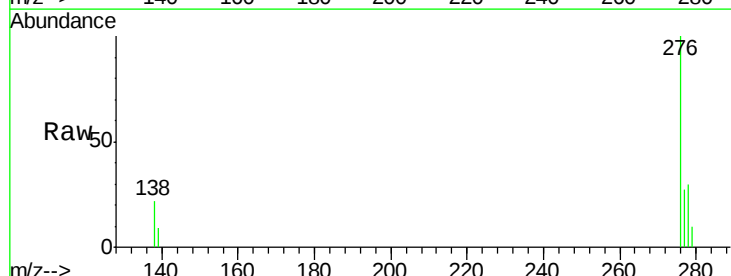
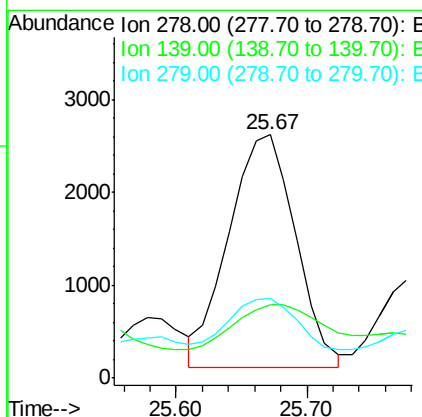
Manual Integrations

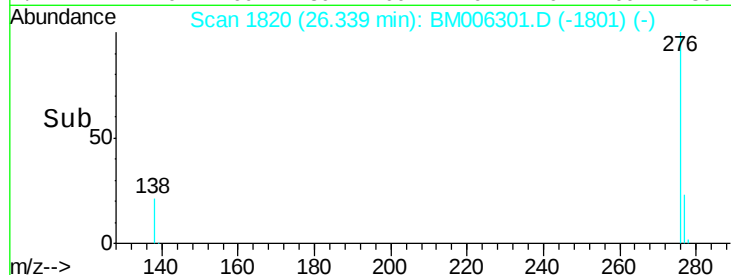
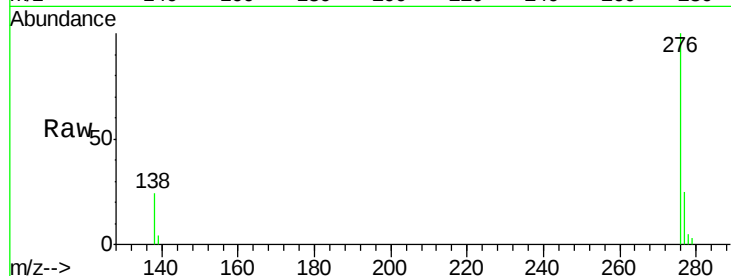
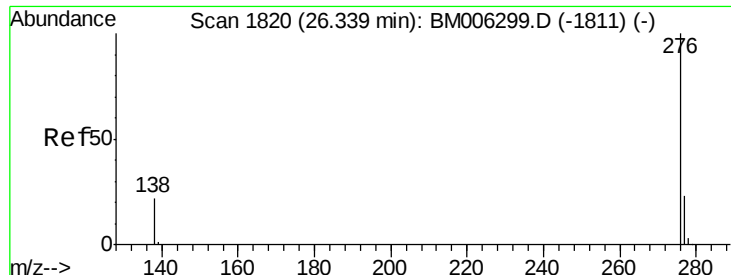
umangi
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#27
 Dibenzo(a,h)anthracene
 Concen: 0.25 ng/ul m
 RT: 25.67 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: BM006301.D
 Acq: 07 Jul 2016 02:53

Tgt Ion: 278 Resp: 8898
 Ion Ratio Lower Upper
 278 100
 139 30.2 16.4 24.6#
 279 32.9 20.2 30.2#





#28
 Benzo(a,h,i)perylene
 Concen: 0.67 ng/ul m
 RT: 26.34 min Scan# 1820
 Delta R.T. 0.00 min
 Lab File: BM006301.D
 Acq: 07 Jul 2016 02:53

Tot Ion:	276	Resp:	25508
Ion Ratio	Lower	Upper	
276	100		
277	24.7	18.9	28.3
138	23.6	22.5	33.7

Instrument :
 BNA_M
 ClientSampleId :
 A4TW5

Manual Integrations

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