

Data Path : Z:\HPCHEM1\BNA M\DATA\BM070716\
 Data File : BM006303.D
 Acq On : 07 Jul 2016 04:05
 Operator : UM/SJ
 Sample : H3811-19
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4TW7

Manual Integrations

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Quant Time: Jul 07 12:42:15 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	4773	0.40	ng/ul	0.00
4) Naphthalene-d8	10.43	136	19415	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.30	164	11130	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.04	188	23955m	0.40	ng/ul	0.00
18) Chrysene-d12	21.24	240	16774	0.40	ng/ul	0.00
22) Perylene-d12	23.45	264	12024m	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	8387	4.16	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.02	152	6981	0.31	ng/ul	0.00
16) Fluoranthene-d10	19.08	212	14983	0.30	ng/ul	0.00
Target Compounds				Ovalue		
9) Acenaphthylene	14.01	152	2170	0.06	ng/ul#	95
14) Phenanthrene	17.07	178	17165m	0.26	ng/ul	
15) Anthracene	17.16	178	1945	0.03	ng/ul#	60
17) Fluoranthene	19.10	202	35349m	0.48	ng/ul	
19) Pyrene	19.48	202	33591	0.48	ng/ul#	92
20) Benzo(a)anthracene	21.22	228	10355	0.19	ng/ul#	86
21) Chrysene	21.28	228	13192	0.25	ng/ul	95
23) Benzo(b)fluoranthene	22.79	252	14527m	0.34	ng/ul	
24) Benzo(k)fluoranthene	22.81	252	5846m	0.15	ng/ul	
25) Benzo(a)pyrene	23.35	252	9550m	0.24	ng/ul	
26) Indeno(1,2,3-cd)pyrene	25.66	276	7073m	0.16	ng/ul	
27) Dibenzo(a,h)anthracene	25.66	278	1895m	0.05	ng/ul	
28) Benzo(g,h,i)perylene	26.34	276	6688m	0.18	ng/ul	

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

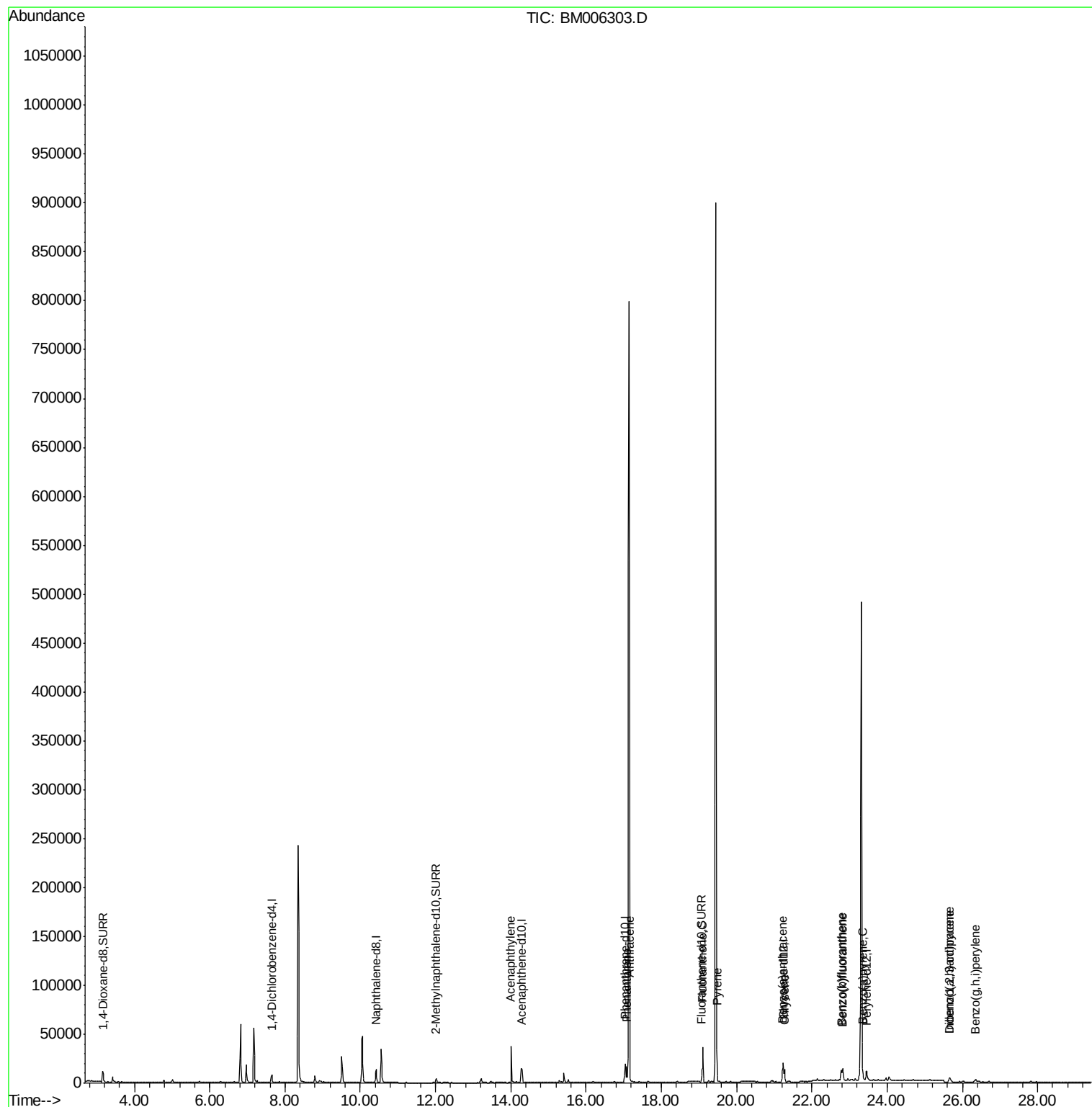
Data Path : Z:\HPCHEM1\BNA M\DATA\BM070716\
Data File : BM006303.D
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Misc :
ALS Vial : 24 Sample Multiplier: 1

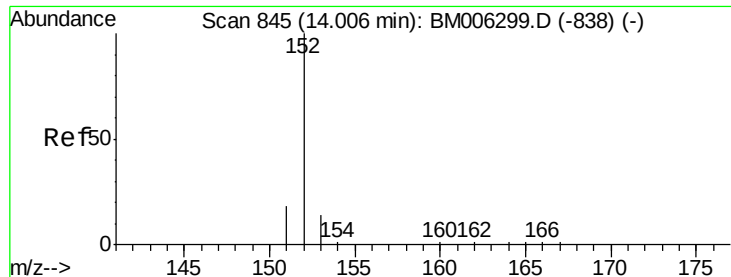
Instrument :
BNA_M
ClientSampleId :
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Manual Integrations

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Quant Time: Jul 07 12:42:15 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





#9

Acenaphthylene

Concen: 0.06 ng/ul

RT: 14.01 min Scan# 845

Delta R.T. 0.00 min

Lab File: BM006303.D

Acq: 07 Jul 2016 04:05

Instrument :

BNA_M

ClientSampleId :

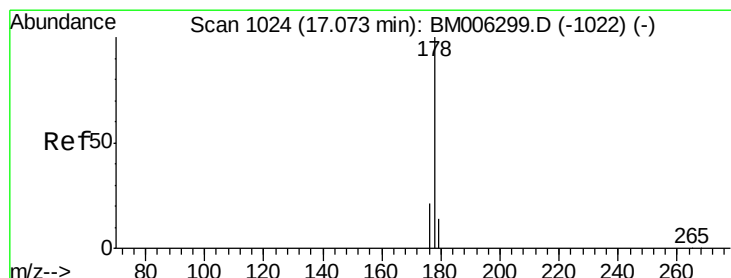
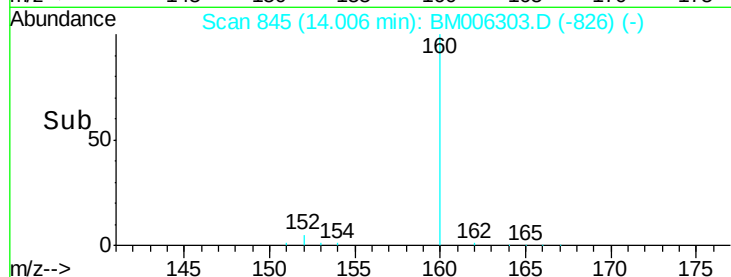
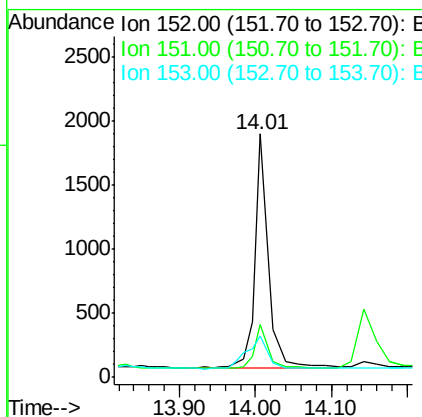
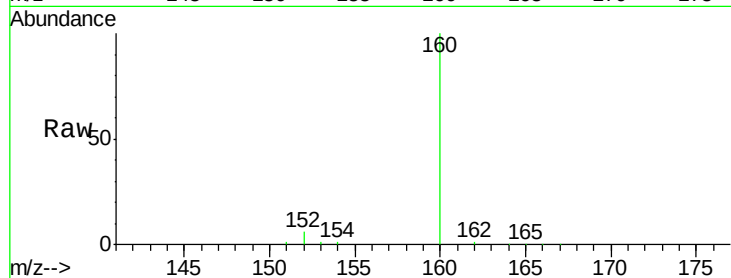
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Tot Ion:	152	Resp:	2170
Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.6	26.4
153	17.3	9.7	14.5

Manual Integrations

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#14

Phenanthrene

Concen: 0.26 ng/ul m

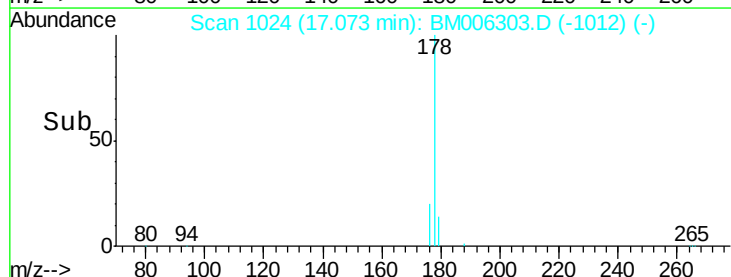
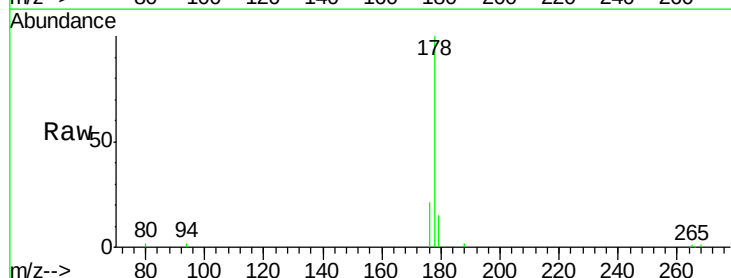
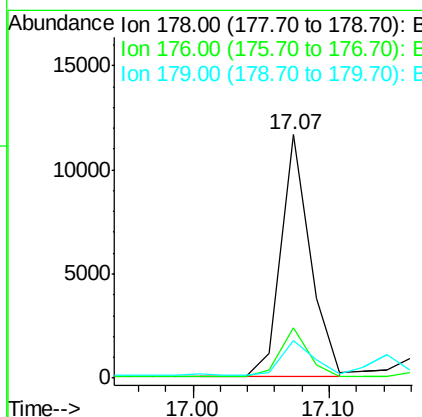
RT: 17.07 min Scan# 1024

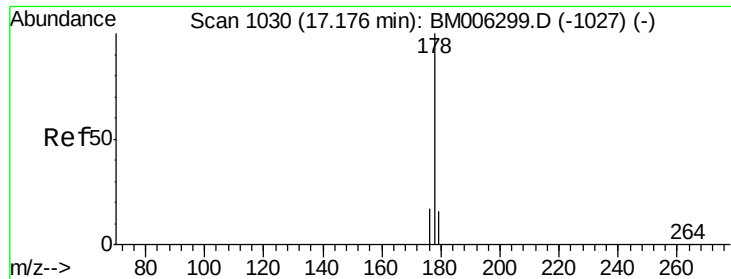
Delta R.T. 0.00 min

Lab File: BM006303.D

Acq: 07 Jul 2016 04:05

Tgt Ion:	178	Resp:	17165
Ion	Ratio	Lower	Upper
178	100		
176	20.6	13.0	19.4
179	15.4	14.2	21.2





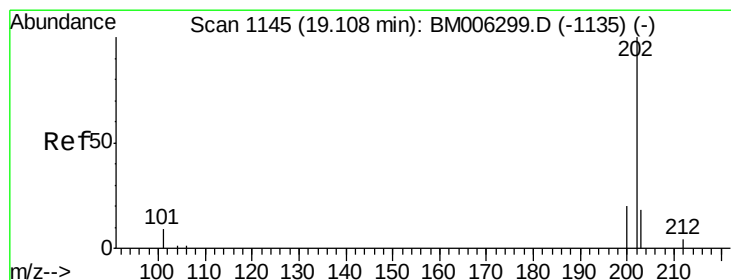
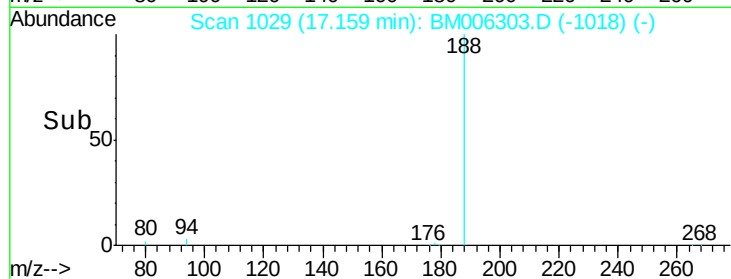
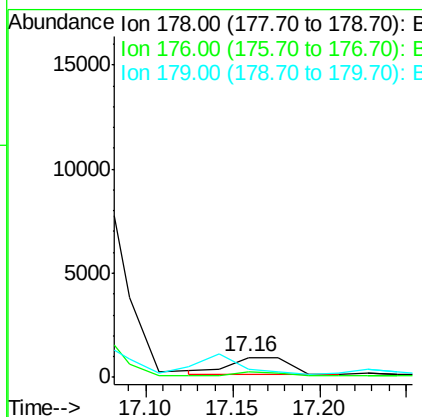
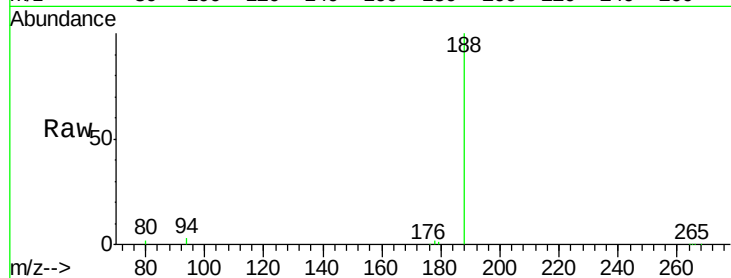
#15
 Anthracene
 Concen: 0.03 ng/ul
 RT: 17.16 min Scan# 1029
 Delta R.T. -0.02 min
 Lab File: BM006303.D
 Acq: 07 Jul 2016 04:05

Instrument :
 BNA_M
 ClientSampleId :
 A4TW7

Tot Ion:178 Resp: 1945
 Ion Ratio Lower Upper
 178 100
 176 28.5 14.0 21.0#
 179 40.1 12.9 19.3#

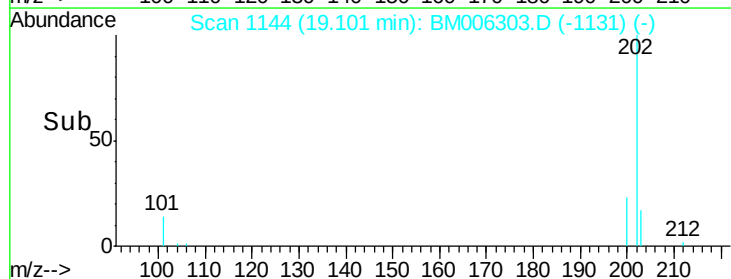
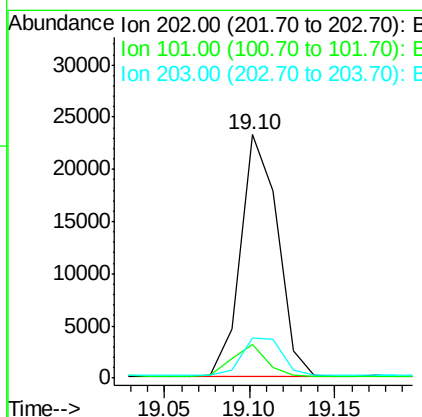
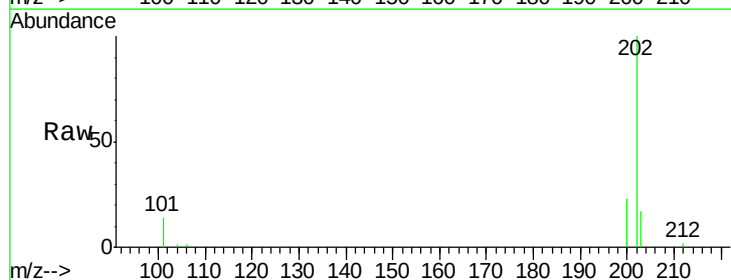
Manual Integrations

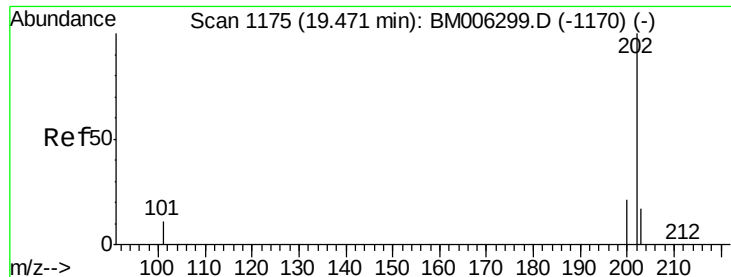
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#17
 Fluoranthene
 Concen: 0.48 ng/ul m
 RT: 19.10 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BM006303.D
 Acq: 07 Jul 2016 04:05

Tgt Ion:202 Resp: 35349
 Ion Ratio Lower Upper
 202 100
 101 13.8 0.0 29.6
 203 16.6 0.0 36.3





#19

Pvrene

Concen: 0.48 ng/ul

RT: 19.48 min Scan# 1175

Delta R.T. 0.01 min

Lab File: BM006303.D

Acq: 07 Jul 2016 04:05

Instrument :

BNA_M

ClientSampleId :

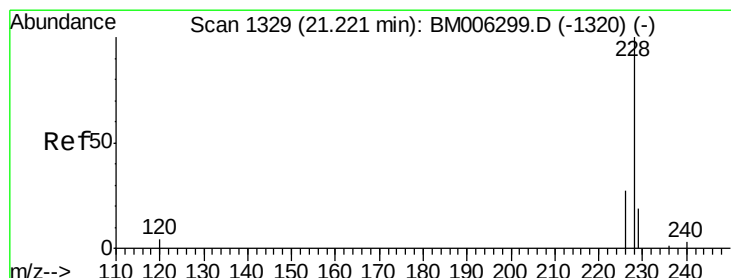
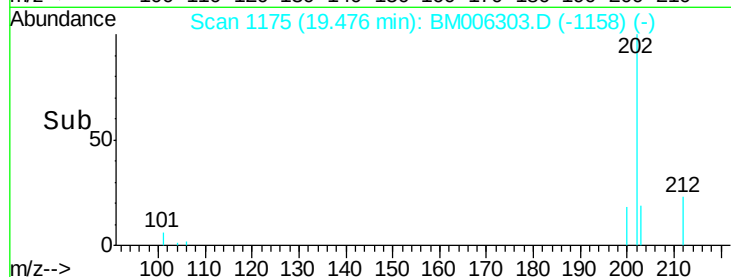
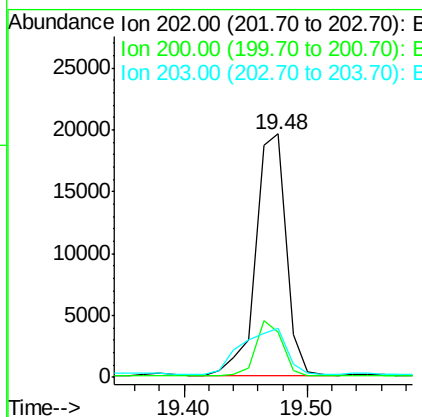
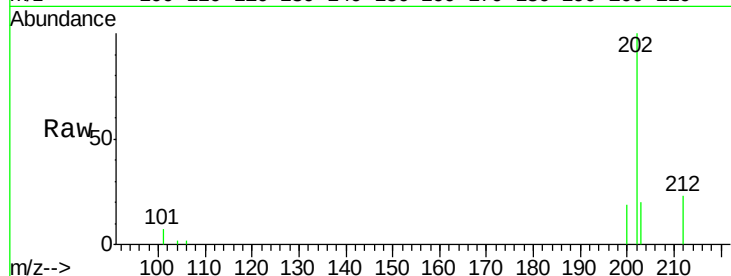
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Tot Ion:	202	Resp:	33591
Ion Ratio	Lower	Upper	
202	100		
200	18.8	17.8	26.8
203	20.2	12.8	19.2#

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#20

Benzo(a)anthracene

Concen: 0.19 ng/ul

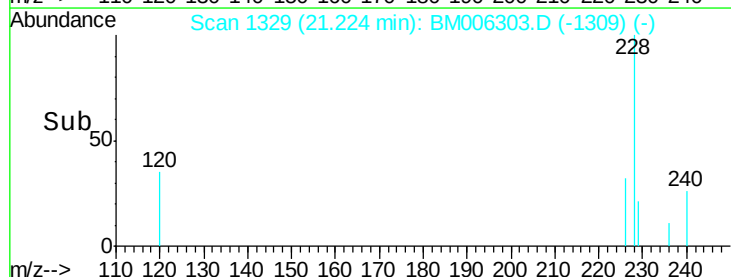
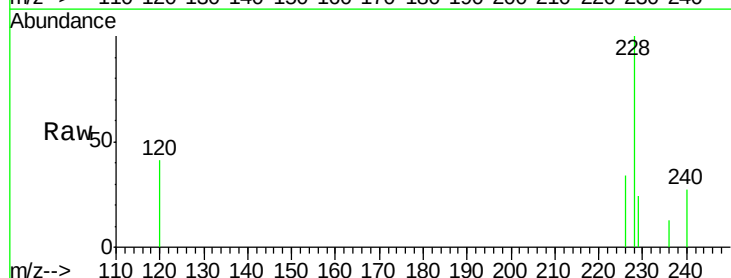
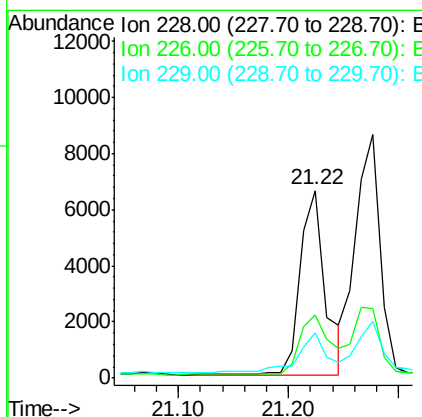
RT: 21.22 min Scan# 1329

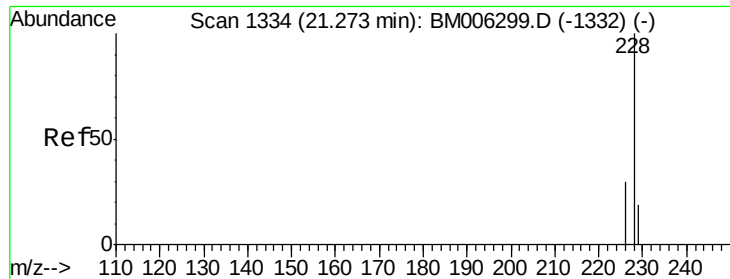
Delta R.T. 0.00 min

Lab File: BM006303.D

Acq: 07 Jul 2016 04:05

Tgt Ion:	228	Resp:	10355
Ion Ratio	Lower	Upper	
228	100		
226	33.6	18.8	28.2#
229	24.4	17.1	25.7





#21

Chrysene

Concen: 0.25 ng/ul

RT: 21.28 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BM006303.D

Acq: 07 Jul 2016 04:05

Instrument :

BNA_M

ClientSampleId :

A4TW7

Tot Ion:228 Resp: 13192

Ion Ratio Lower Upper

228 100

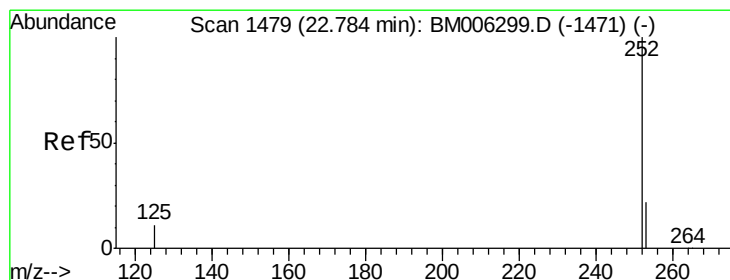
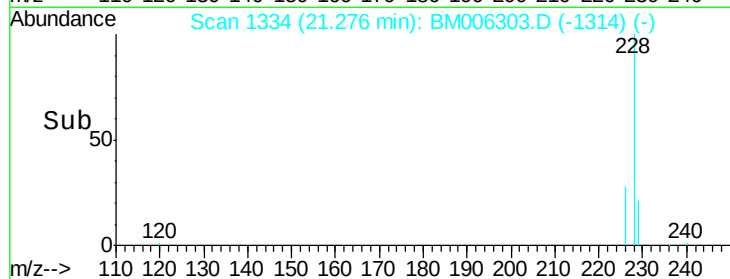
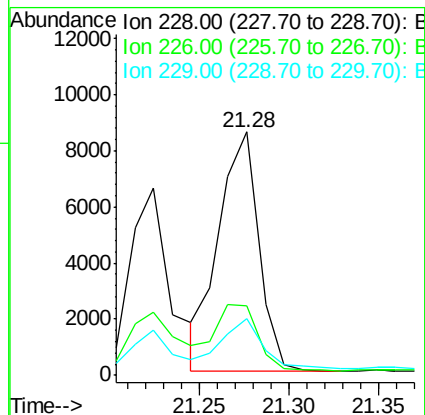
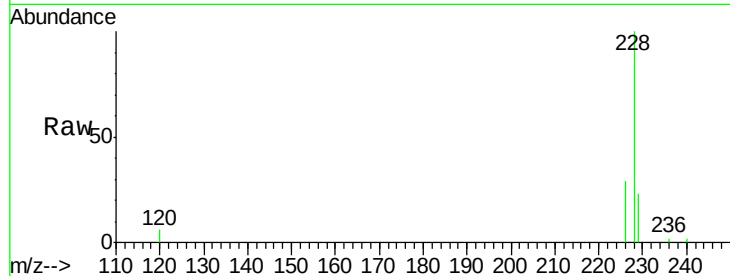
226 28.8 21.2 31.8

229 23.5 17.0 25.6

Manual Integrations

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#23

Benzo(b)fluoranthene

Concen: 0.34 ng/ul m

RT: 22.79 min Scan# 1479

Delta R.T. 0.00 min

Lab File: BM006303.D

Acq: 07 Jul 2016 04:05

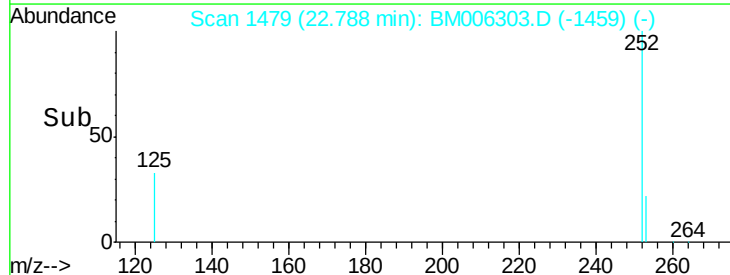
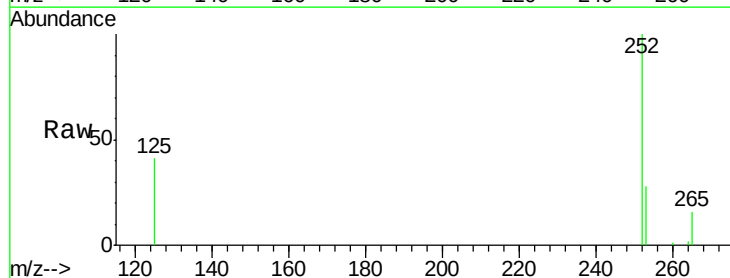
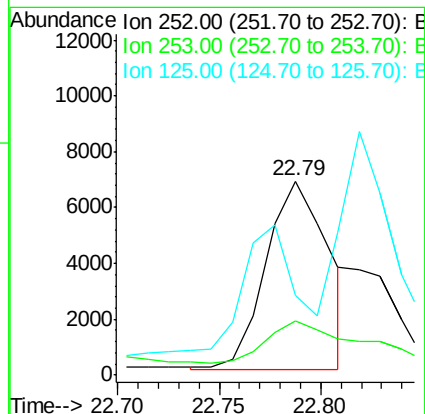
Tgt Ion:252 Resp: 14527

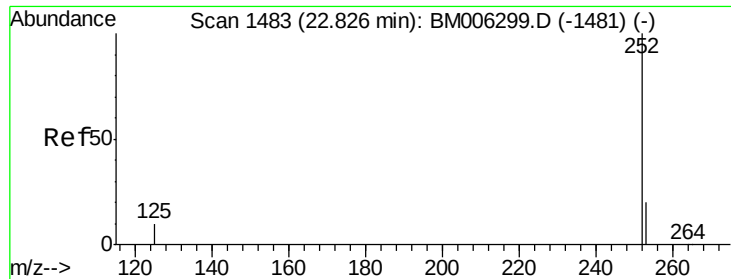
Ion Ratio Lower Upper

252 100

253 27.8 0.0 45.4

125 41.4 0.0 28.8#





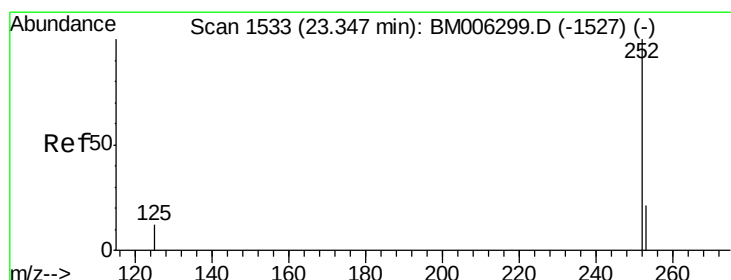
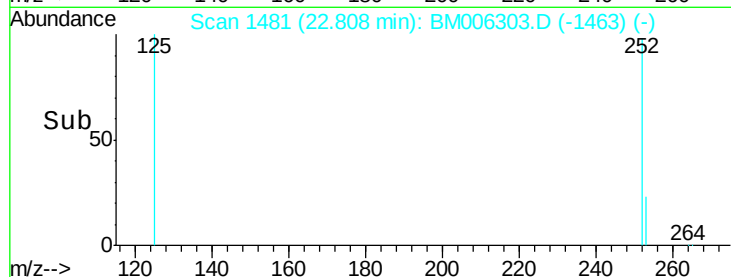
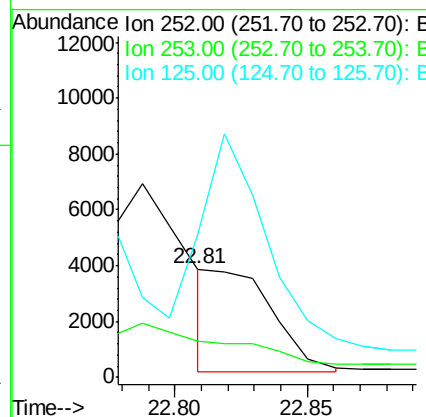
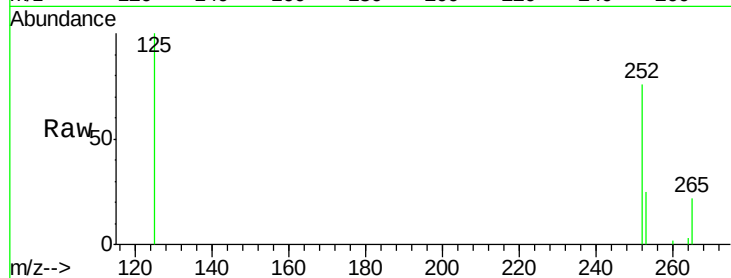
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Benzo(k)fluoranthene
Concen: 0.15 ng/ul m
RT: 22.81 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BM006303.D
Acq: 07 Jul 2016 04:05

Instrument :
BNA_M
ClientSampled :
A4TW7

Tot Ion:252 Resp: 5846
Ion Ratio Lower Upper
252 100
253 33.0 19.8 29.8#
125 132.2 10.4 15.6#

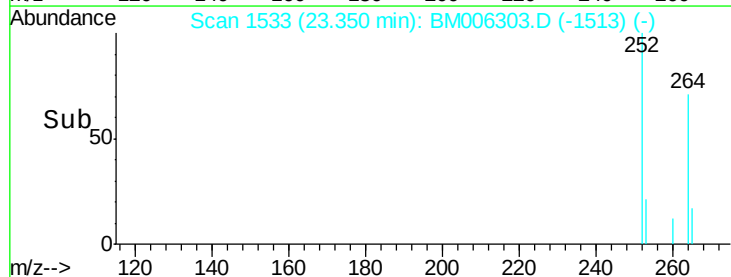
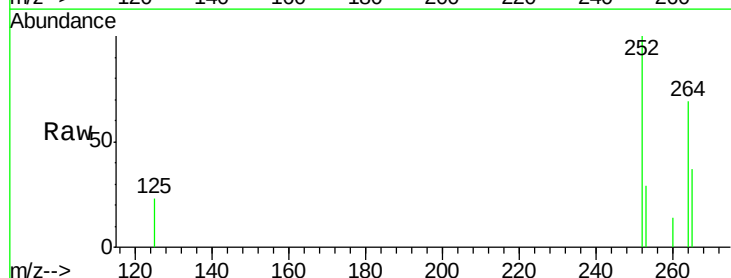
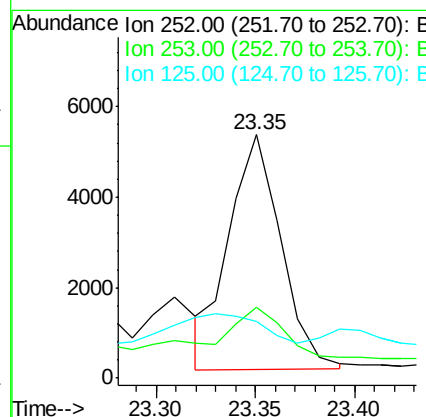
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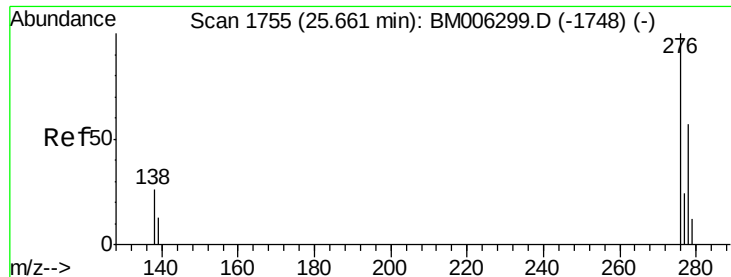
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#25
Benzo(a)pyrene
Concen: 0.24 ng/ul m
RT: 23.35 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BM006303.D
Acq: 07 Jul 2016 04:05

Tgt Ion:252 Resp: 9550
Ion Ratio Lower Upper
252 100
253 29.2 19.4 29.2#
125 23.1 12.7 19.1#





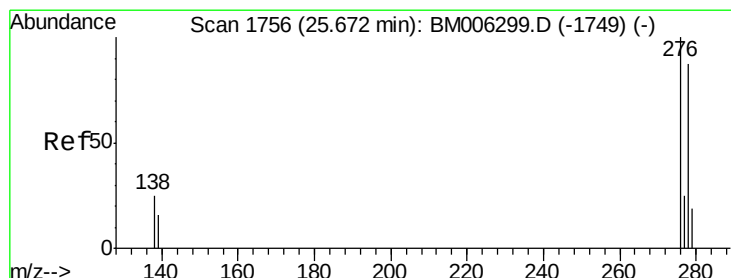
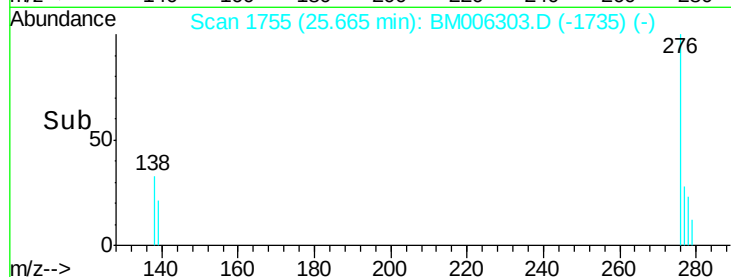
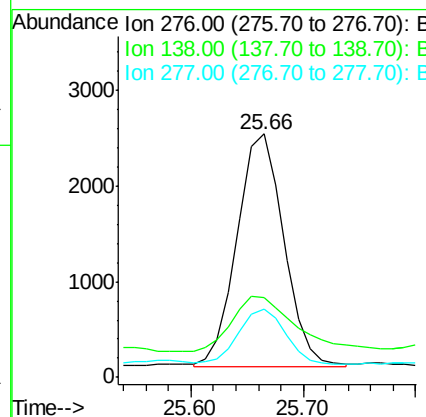
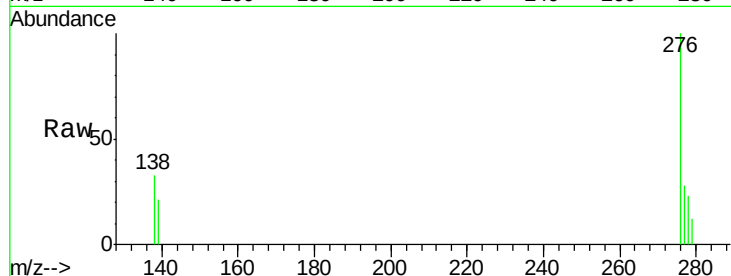
#26
Indeno(1,2,3-cd)pyrene
Concen: 0.16 ng/ul m
RT: 25.66 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BM006303.D
Acq: 07 Jul 2016 04:05

Instrument :
BNA_M
ClientSampleId :
A4TW7

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	16.3	24.5#
277	0.0	19.8	29.8#

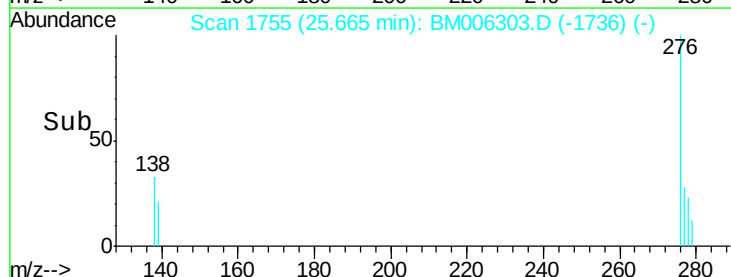
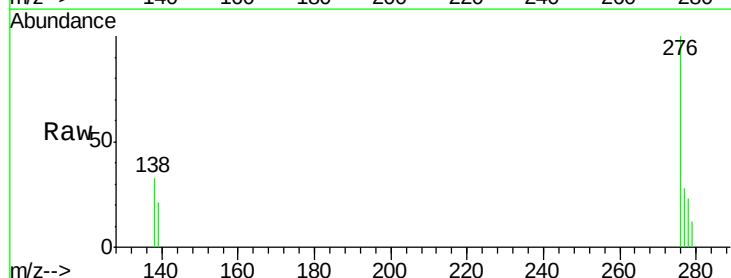
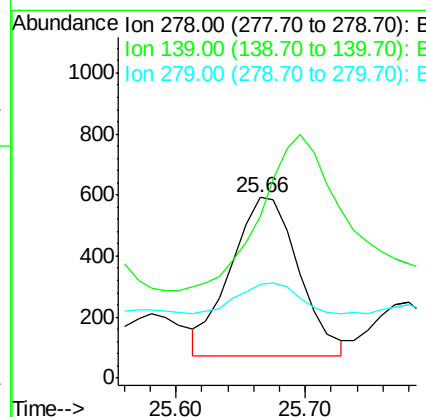
Manual Integrations

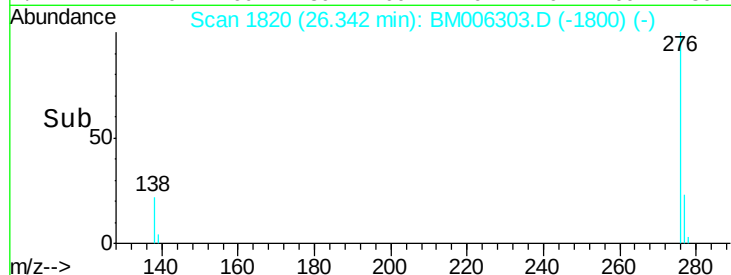
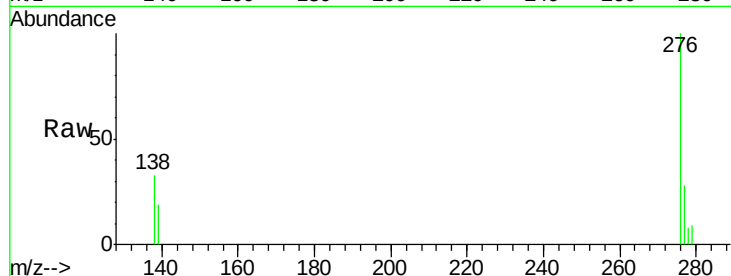
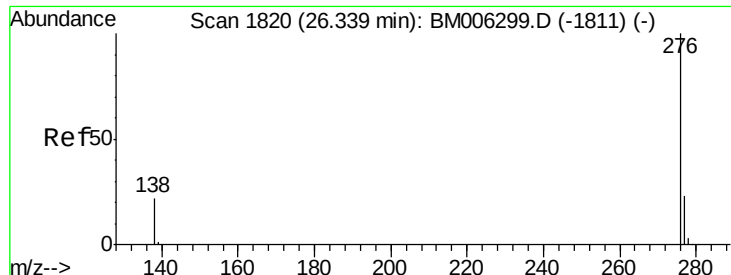
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#27
Dibenzo(a,h)anthracene
Concen: 0.05 ng/ul m
RT: 25.66 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BM006303.D
Acq: 07 Jul 2016 04:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	89.8	16.4	24.6#
279	51.8	20.2	30.2#





#28

Benzo(a,h,i)perylene

Concen: 0.18 ng/ul m

RT: 26.34 min Scan# 1820

Delta R.T. 0.00 min

Lab File: BM006303.D

Acq: 07 Jul 2016 04:05

Tot Ion: 276 Resp: 6688

Ion Ratio Lower Upper

276 100

277 28.4 18.9 28.3#

138 33.3 22.5 33.7

Instrument :

BNA_M

ClientSampleId :

A4TW7

Manual Integrations

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