

Data Path : Z:\HPCHEM1\BNA M\DATA\BM070716\
 Data File : BM006302.D
 Acq On : 07 Jul 2016 03:29
 Operator : UM/SJ
 Sample : H3811-18
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4TW6

Manual Integrations

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Quant Time: Jul 07 12:37:32 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	5001	0.40	ng/ul	0.00
4) Naphthalene-d8	10.43	136	19625	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.30	164	11189	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.04	188	22126m	0.40	ng/ul	0.00
18) Chrysene-d12	21.24	240	14418	0.40	ng/ul	0.00
22) Perylene-d12	23.45	264	12376m	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	11789	5.58	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.02	152	9582	0.42	ng/ul	0.00
16) Fluoranthene-d10	19.08	212	17467	0.37	ng/ul	0.00
Target Compounds				Ovalue		
9) Acenaphthylene	14.01	152	3148	0.08	ng/ul#	95
14) Phenanthrene	17.07	178	21340m	0.35	ng/ul	
15) Anthracene	17.18	178	2808	0.05	ng/ul#	79
17) Fluoranthene	19.10	202	39858m	0.59	ng/ul	
19) Pyrene	19.48	202	36444	0.60	ng/ul#	91
20) Benzo(a)anthracene	21.22	228	11182	0.24	ng/ul#	84
21) Chrysene	21.28	228	14643	0.32	ng/ul	95
23) Benzo(b)fluoranthene	22.79	252	17910	0.40	ng/ul#	78
24) Benzo(k)fluoranthene	22.81	252	7174m	0.17	ng/ul	
25) Benzo(a)pyrene	23.35	252	15923m	0.39	ng/ul	
26) Indeno(1,2,3-cd)pyrene	25.66	276	9441m	0.21	ng/ul	
27) Dibenzo(a,h)anthracene	25.67	278	2375m	0.07	ng/ul	
28) Benzo(g,h,i)perylene	26.34	276	9665m	0.25	ng/ul	

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

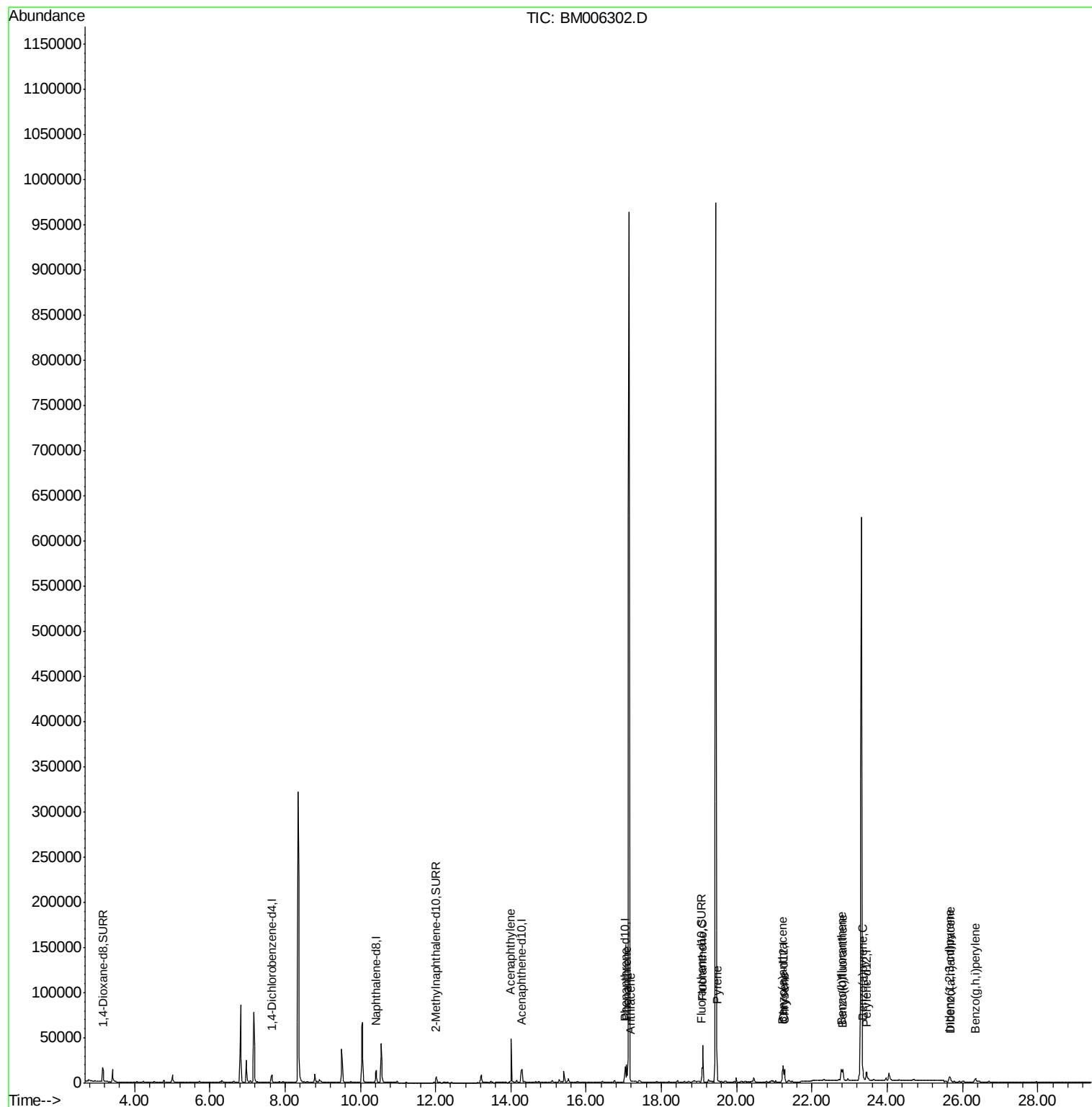
Data Path : Z:\HPCHEM1\BNA M\DATA\BM070716\
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Misc :
ALS Vial : 23 Sample Multiplier: 1

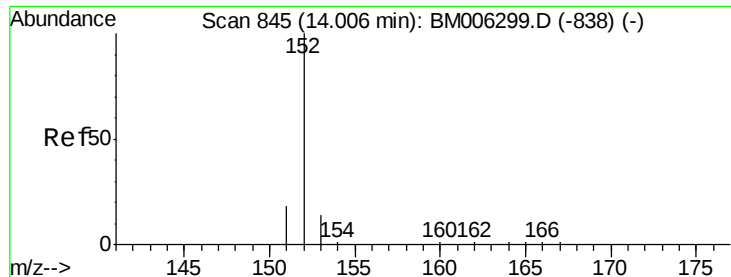
Instrument :
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QLast Update : Thu Jul 07 05:51:09 2016
Response via : Initial Calibration





#9

Acenaphthylene

Concen: 0.08 ng/ul

RT: 14.01 min Scan# 845

Delta R.T. 0.00 min

Lab File: BM006302.D

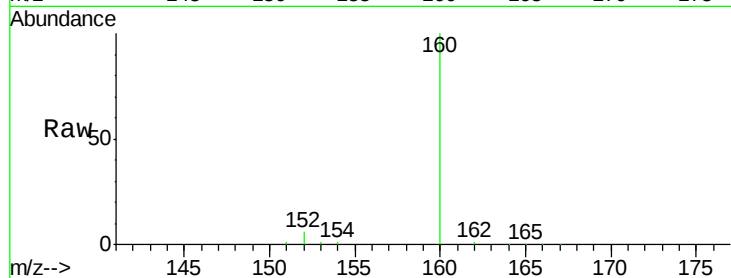
Acq: 07 Jul 2016 03:29

Instrument :

BNA_M

ClientSampleId :

A4TW6



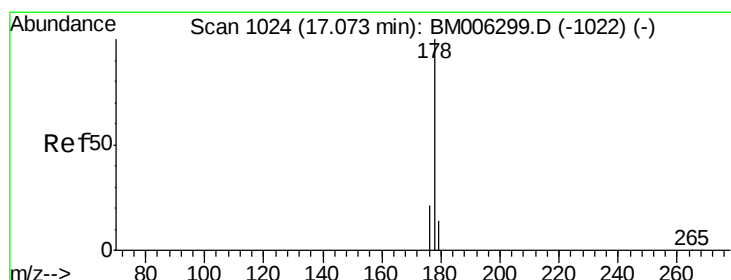
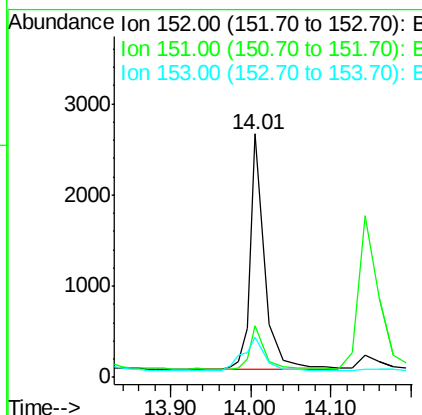
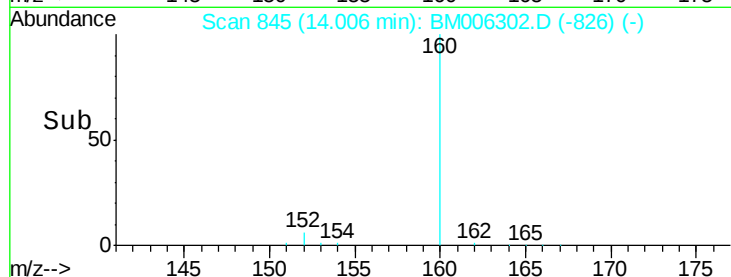
Tot Ion:152 Resp: 3148

Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.6	26.4
153	16.4	9.7	14.5

Manual Integrations

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#14

Phenanthrene

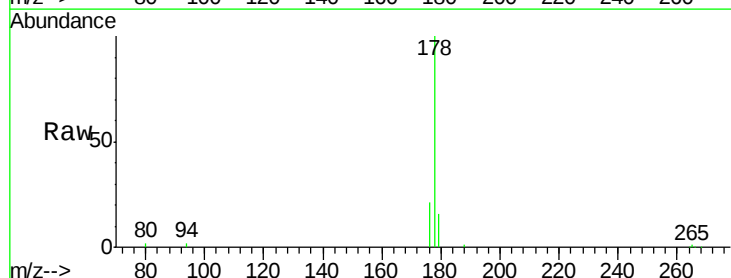
Concen: 0.35 ng/ul m

RT: 17.07 min Scan# 1024

Delta R.T. 0.00 min

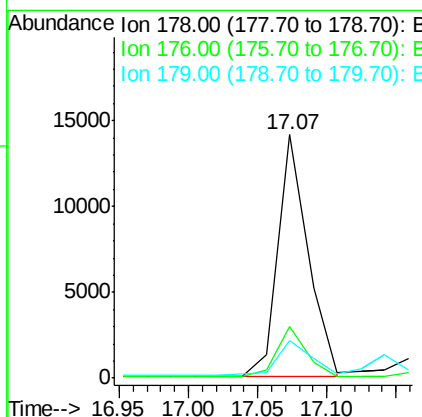
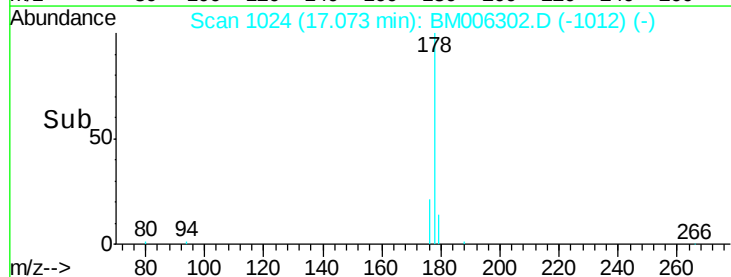
Lab File: BM006302.D

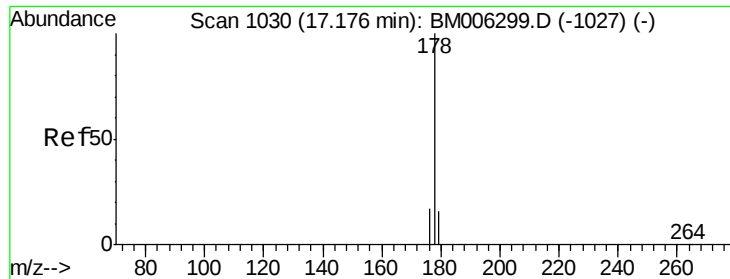
Acq: 07 Jul 2016 03:29



Tgt Ion:178 Resp: 21340

Ion	Ratio	Lower	Upper
178	100		
176	21.0	13.0	19.4
179	15.5	14.2	21.2





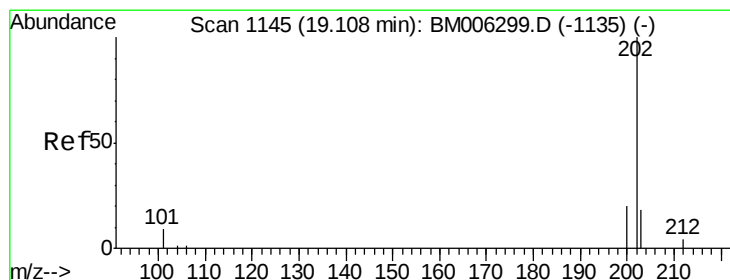
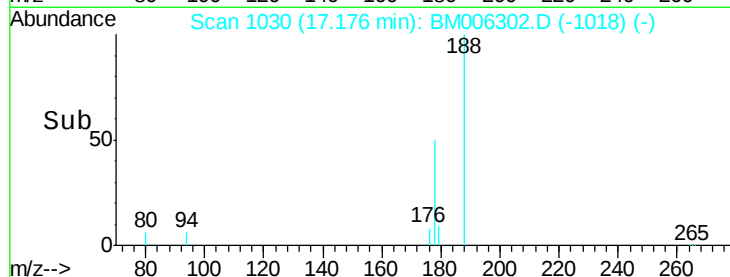
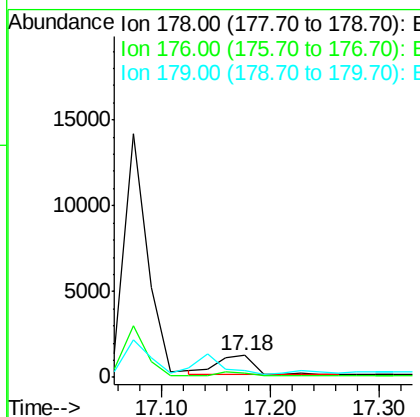
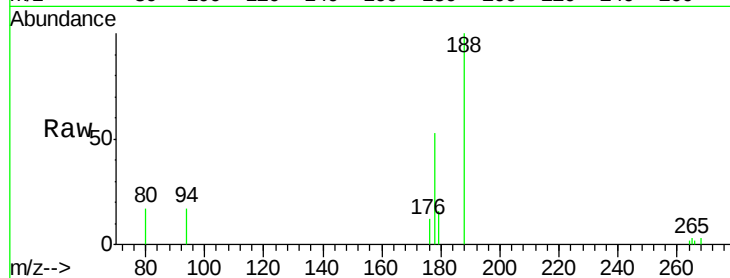
#15
 Anthracene
 Concen: 0.05 ng/u1
 RT: 17.18 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BM006302.D
 Acq: 07 Jul 2016 03:29

Instrument :
 BNA_M
 ClientSampleId :
 A4TW6

Tot Ion:178 Resp: 2808
 Ion Ratio Lower Upper
 178 100
 176 21.8 14.0 21.0#
 179 30.3 12.9 19.3#

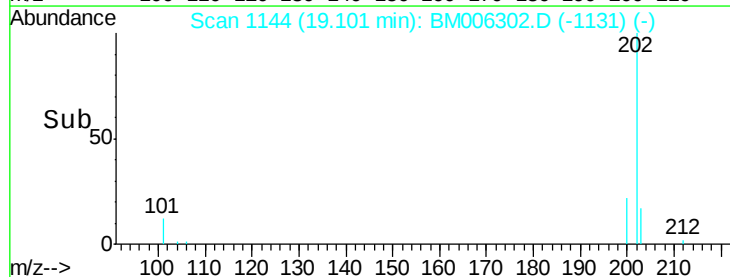
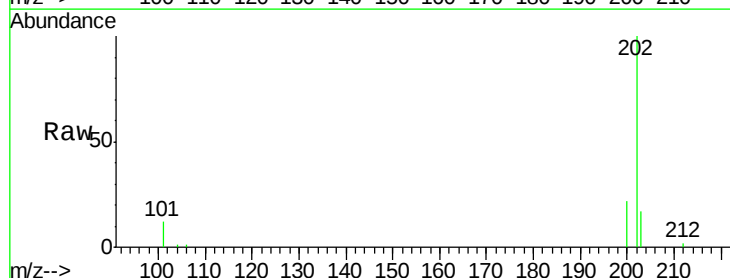
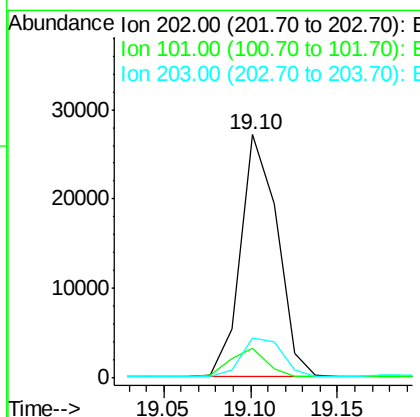
Manual Integrations

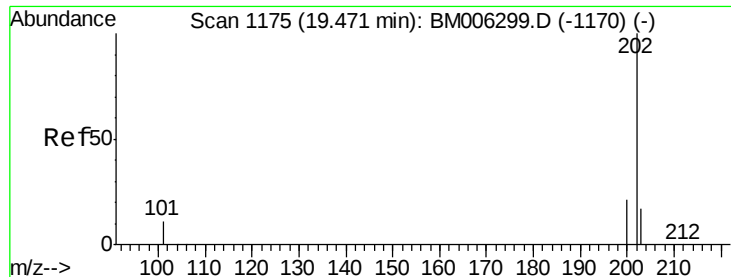
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#17
 Fluoranthene
 Concen: 0.59 ng/u1 m
 RT: 19.10 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BM006302.D
 Acq: 07 Jul 2016 03:29

Tgt Ion:202 Resp: 39858
 Ion Ratio Lower Upper
 202 100
 101 12.3 0.0 29.6
 203 16.6 0.0 36.3





#19

Pvrene

Concen: 0.60 ng/ul

RT: 19.48 min Scan# 1175

Delta R.T. 0.01 min

Lab File: BM006302.D

Acq: 07 Jul 2016 03:29

Instrument :

BNA_M

ClientSampleId :

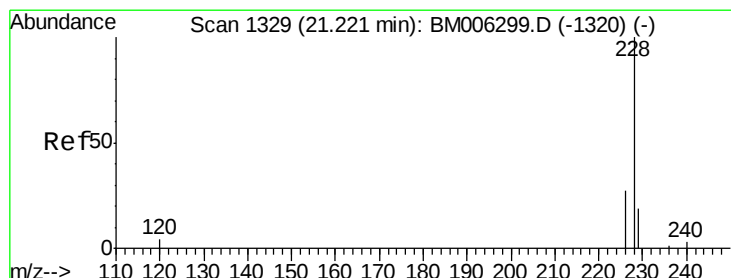
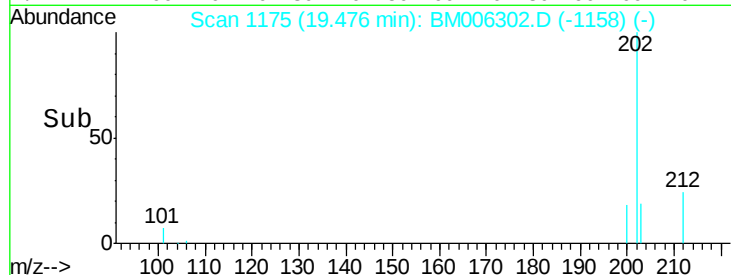
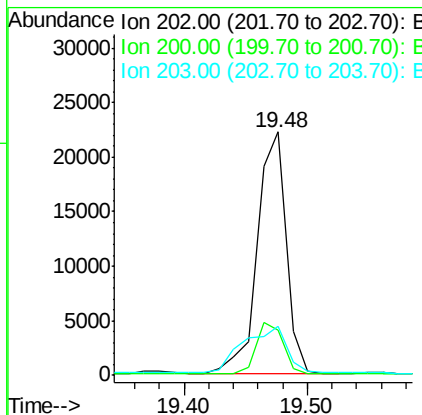
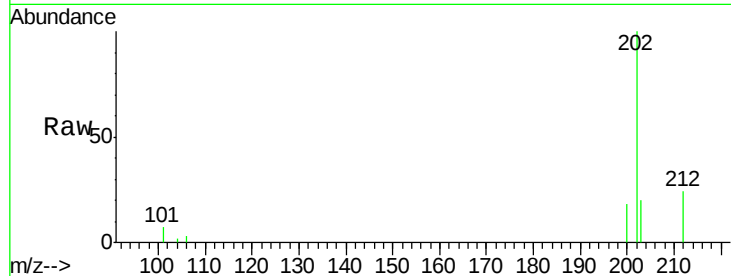
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Tot Ion	Ratio	Lower	Upper
202	100		
200	18.5	17.8	26.8
203	20.0	12.8	19.2

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#20

Benzo(a)anthracene

Concen: 0.24 ng/ul

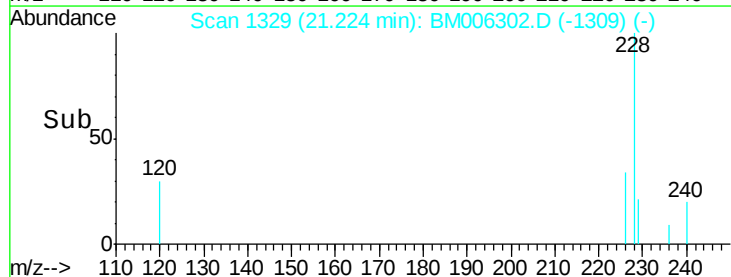
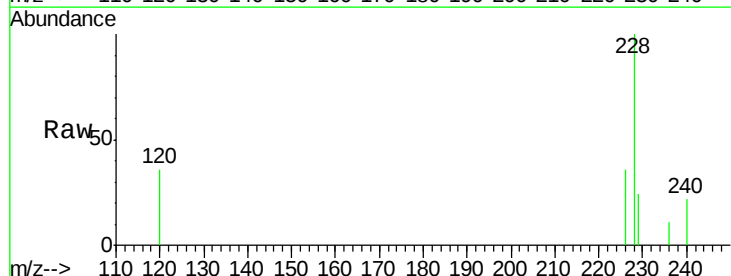
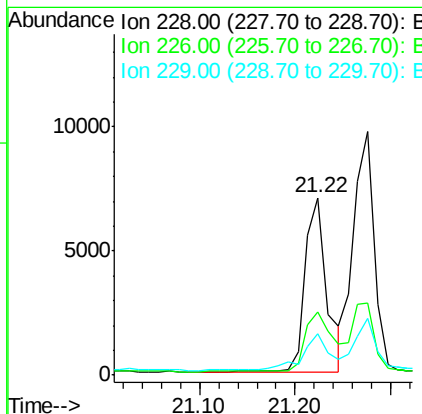
RT: 21.22 min Scan# 1329

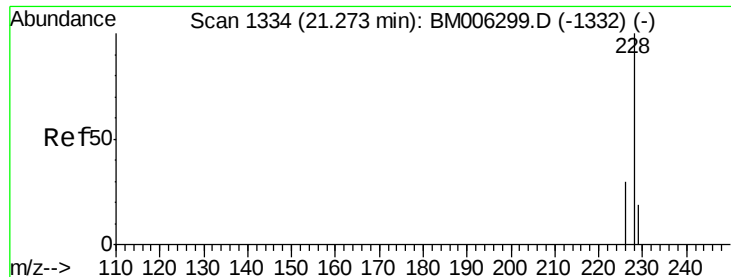
Delta R.T. 0.00 min

Lab File: BM006302.D

Acq: 07 Jul 2016 03:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.9	18.8	28.2
229	23.7	17.1	25.7





#21

Chrysene

Concen: 0.32 ng/ul

RT: 21.28 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BM006302.D

Acq: 07 Jul 2016 03:29

Instrument :

BNA_M

ClientSampleId :

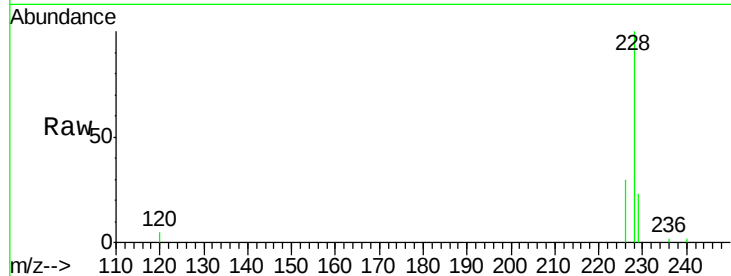
A4TW6

Tot Ion:	228	Resp:	14643
Ion	Ratio	Lower	Upper
228	100		
226	29.7	21.2	31.8
229	23.2	17.0	25.6

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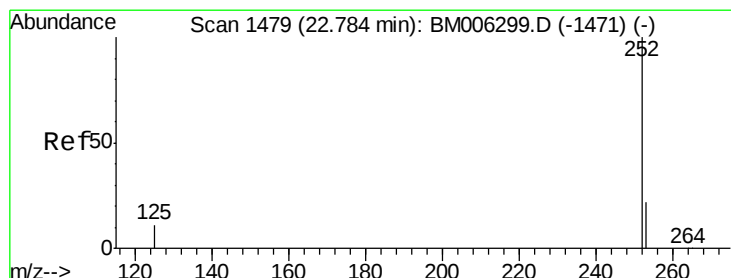
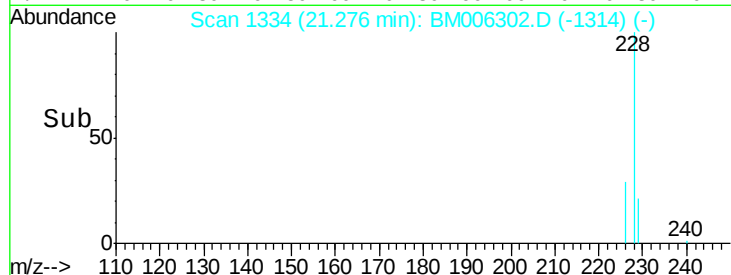
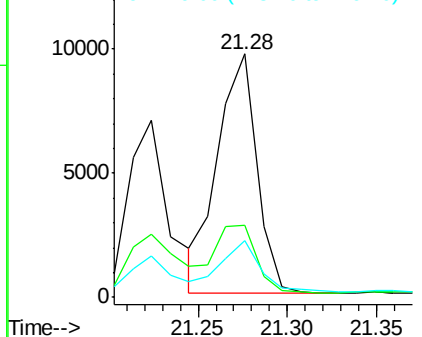
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#23

Benzo(b)fluoranthene

Concen: 0.40 ng/ul

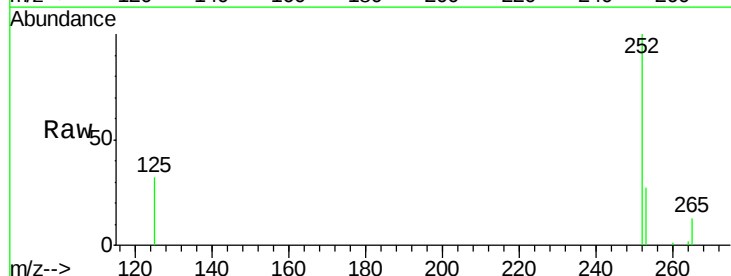
RT: 22.79 min Scan# 1479

Delta R.T. 0.00 min

Lab File: BM006302.D

Acq: 07 Jul 2016 03:29

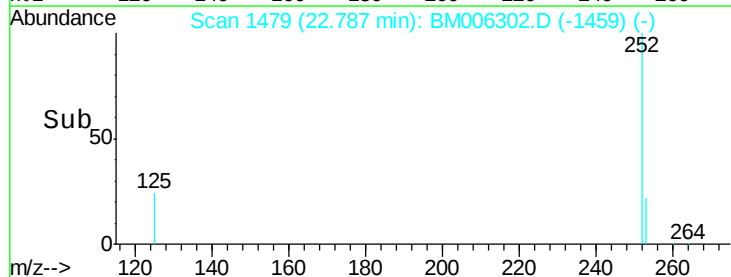
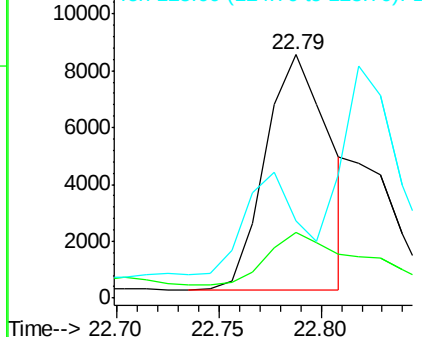
Tgt Ion:	252	Resp:	17910
Ion	Ratio	Lower	Upper
252	100		
253	27.0	0.0	45.4
125	31.6	0.0	28.8#

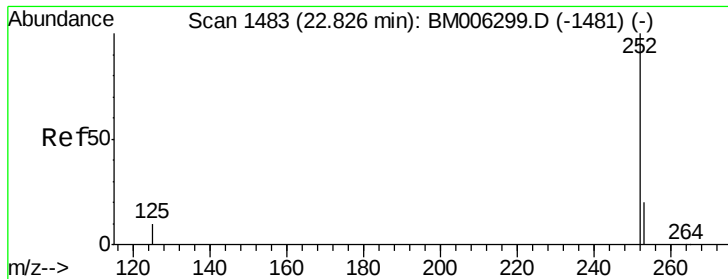


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 0.17 ng/ul m

RT: 22.81 min Scan# 1481

Delta R.T. -0.02 min

Lab File: BM006302.D

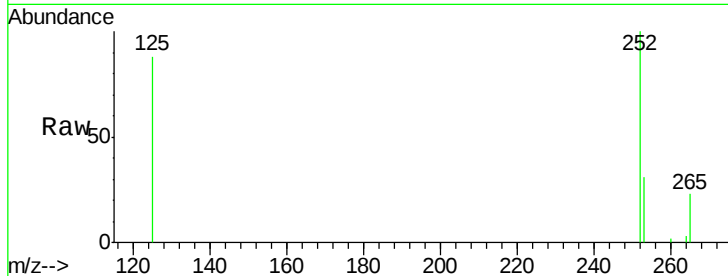
Acq: 07 Jul 2016 03:29

Instrument :

BNA_M

ClientSampled :

A4TW6



Tot Ion:252 Resp: 7174

Ion Ratio Lower Upper

252 100

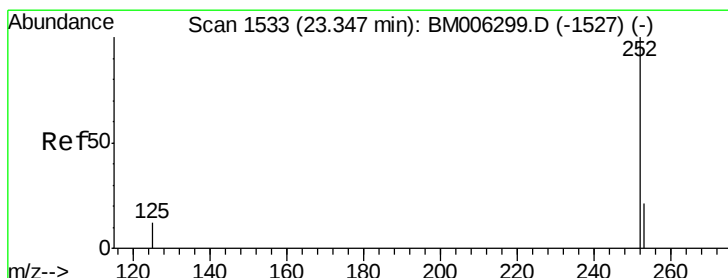
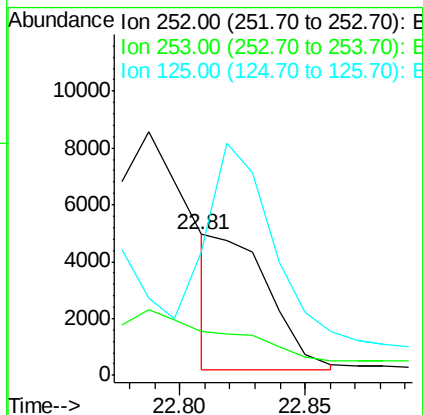
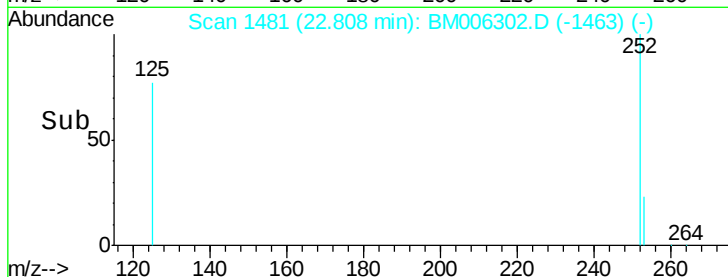
253 31.1 19.8 29.8#

125 87.9 10.4 15.6#

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#25

Benzo(a)pyrene

Concen: 0.39 ng/ul m

RT: 23.35 min Scan# 1533

Delta R.T. 0.00 min

Lab File: BM006302.D

Acq: 07 Jul 2016 03:29

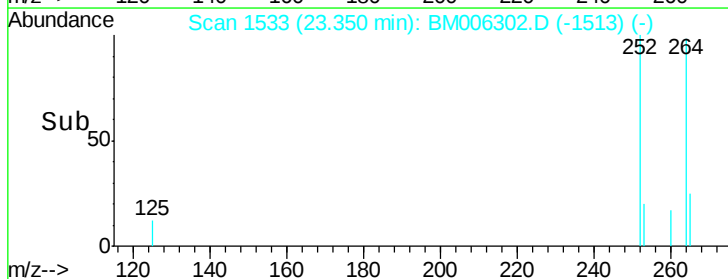
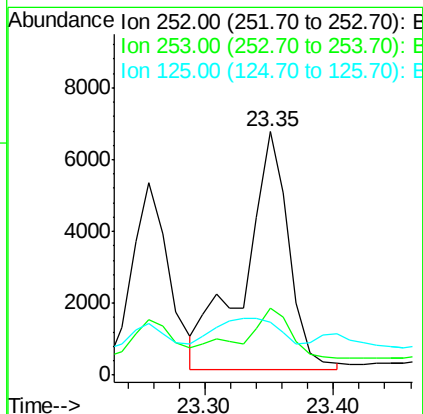
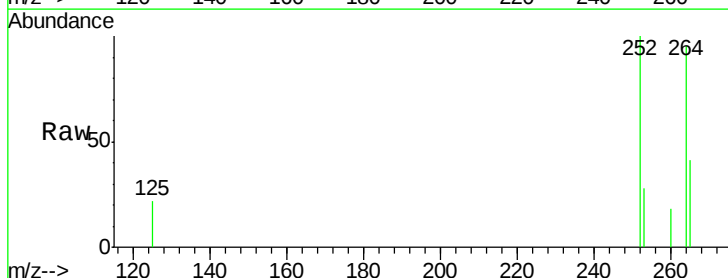
Tgt Ion:252 Resp: 15923

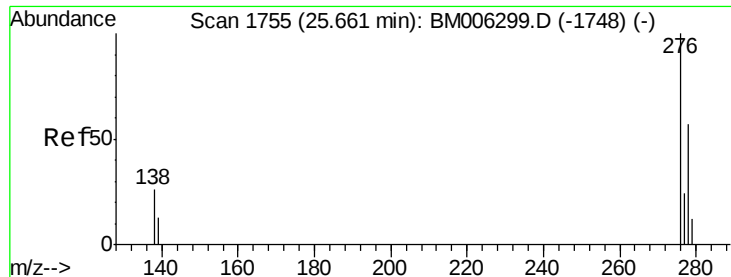
Ion Ratio Lower Upper

252 100

253 27.6 19.4 29.2

125 22.0 12.7 19.1#





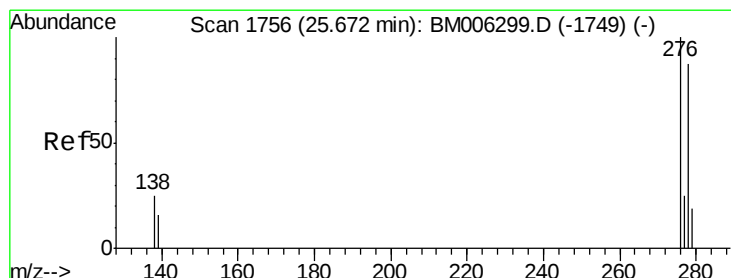
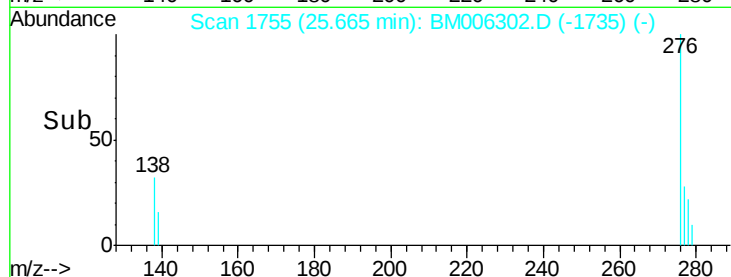
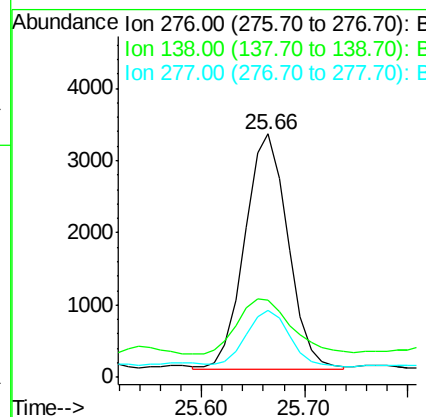
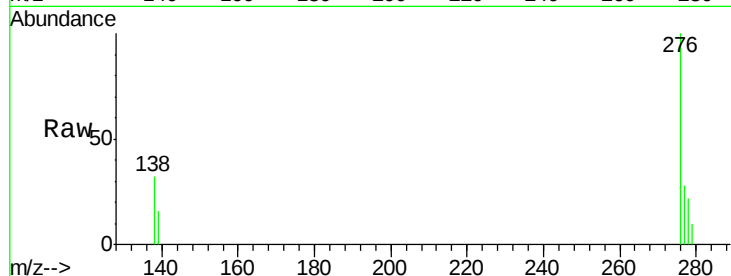
#26
Indeno(1,2,3-cd)pyrene
Concen: 0.21 ng/ul m
RT: 25.66 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BM006302.D
Acq: 07 Jul 2016 03:29

Instrument :
BNA_M
ClientSampleId :
A4TW6

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

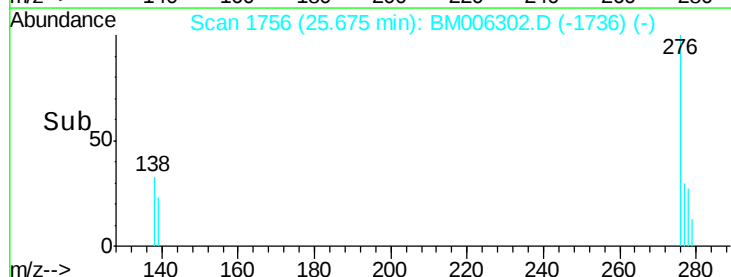
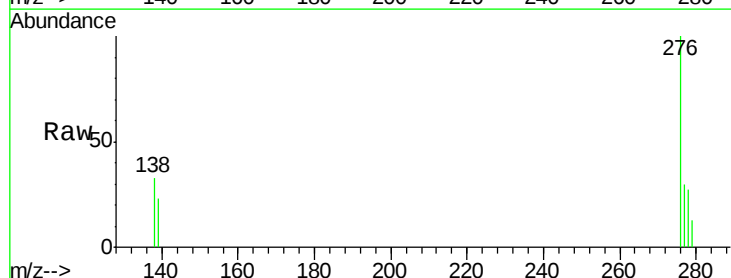
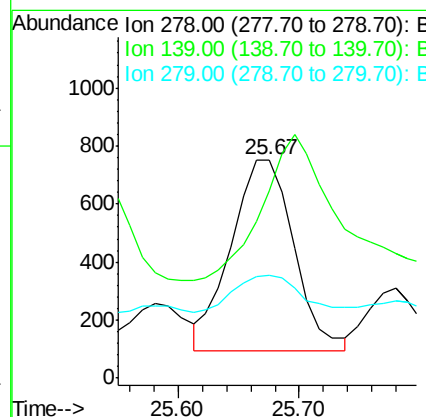
Manual Integrations

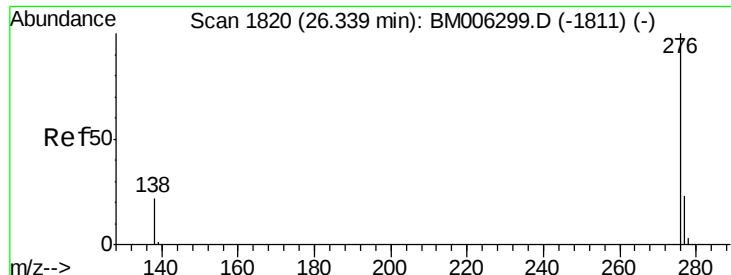
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#27
Dibenzo(a,h)anthracene
Concen: 0.07 ng/ul m
RT: 25.67 min Scan# 1756
Delta R.T. 0.00 min
Lab File: BM006302.D
Acq: 07 Jul 2016 03:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	85.8	16.4	24.6#
279	47.3	20.2	30.2#





#28

Benzo(a,h,i)perylene

Concen: 0.25 ng/ul m

RT: 26.34 min Scan# 1820

Delta R.T. 0.00 min

Lab File: BM006302.D

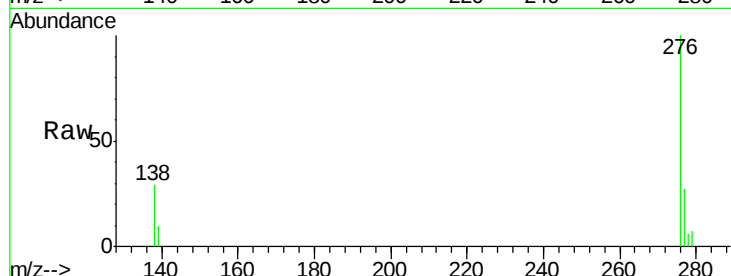
Acq: 07 Jul 2016 03:29

Instrument :

BNA_M

ClientSampleId :

A4TW6



Tot Ion: 276 Resp: 9665

Ion Ratio Lower Upper

276 100

277 27.0 18.9 28.3

138 28.6 22.5 33.7

Manual Integrations

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