

Data Path : Z:\HPCHEM1\BNA M\DATA\BM070716\
 Data File : BM006304.D
 Acq On : 07 Jul 2016 04:41
 Operator : UM/SJ
 Sample : H3811-20
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4TW8

Manual Integrations

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 7/7/2016 6:06:14 PM

Quant Time: Jul 07 12:47:36 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	5131	0.40	ng/ul	0.00
4) Naphthalene-d8	10.43	136	20372	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.30	164	11821	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.04	188	24027m	0.40	ng/ul	0.00
18) Chrysene-d12	21.24	240	15442	0.40	ng/ul	0.00
22) Perylene-d12	23.45	264	11981m	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	11811	5.45	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.02	152	9944	0.42	ng/ul	0.00
16) Fluoranthene-d10	19.07	212	19700	0.39	ng/ul	-0.01
Target Compounds				Ovalue		
9) Acenaphthylene	14.01	152	3884	0.10	ng/ul#	94
14) Phenanthrene	17.07	178	26491m	0.40	ng/ul	
15) Anthracene	17.18	178	3308	0.05	ng/ul#	84
17) Fluoranthene	19.11	202	55569m	0.76	ng/ul	
19) Pyrene	19.47	202	48853	0.76	ng/ul	96
20) Benzo(a)anthracene	21.22	228	12931	0.26	ng/ul#	89
21) Chrysene	21.27	228	19899	0.41	ng/ul	95
23) Benzo(b)fluoranthene	22.78	252	25940m	0.60	ng/ul	
24) Benzo(k)fluoranthene	22.83	252	7180m	0.18	ng/ul	
25) Benzo(a)pyrene	23.35	252	13390m	0.34	ng/ul	
26) Indeno(1,2,3-cd)pyrene	25.66	276	11275m	0.25	ng/ul	
27) Dibenzo(a,h)anthracene	25.67	278	2678m	0.08	ng/ul	
28) Benzo(g,h,i)perylene	26.34	276	11331m	0.30	ng/ul	

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

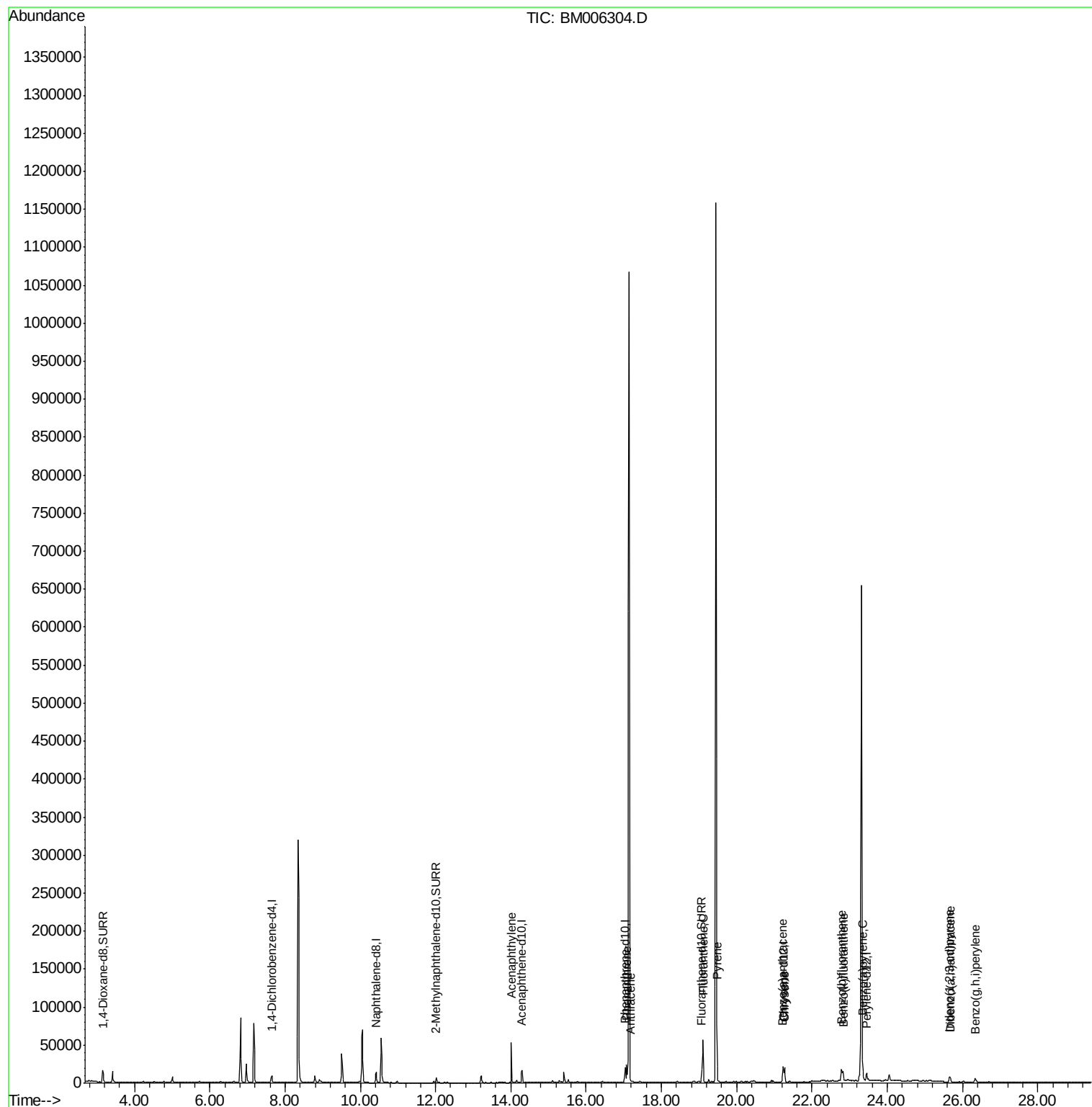
Data Path : Z:\HPCHEM1\BNA M\DATA\BM070716\
Data File : BM006304.D
Acq On : 07 Jul 2016 04:41
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Sample : H3811-20
Misc :
ALS Vial : 25 Sample Multiplier: 1

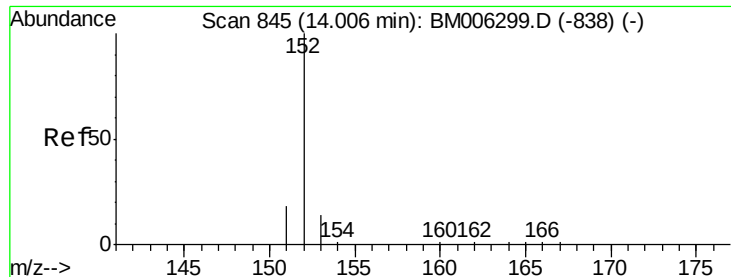
Instrument :
BNA_M
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A4TW8

Manual Integrations

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Quant Time: Jul 07 12:47:36 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: 0.10 ng/ul

RT: 14.01 min Scan# 845

Delta R.T. 0.00 min

Lab File: BM006304.D

Acq: 07 Jul 2016 04:41

Instrument :

BNA_M

ClientSampleId :

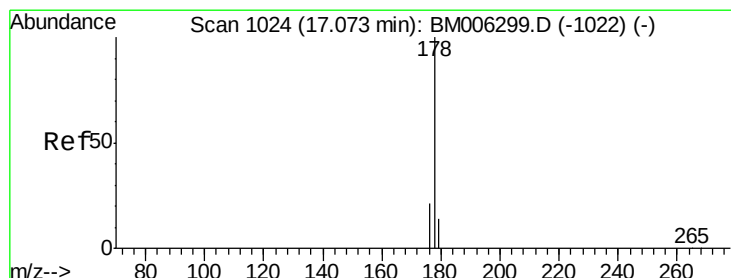
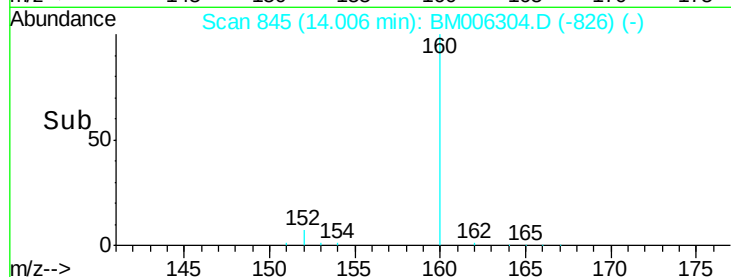
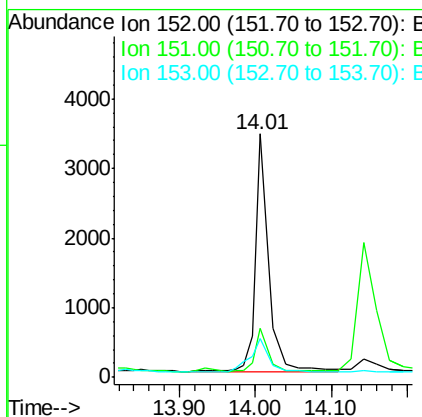
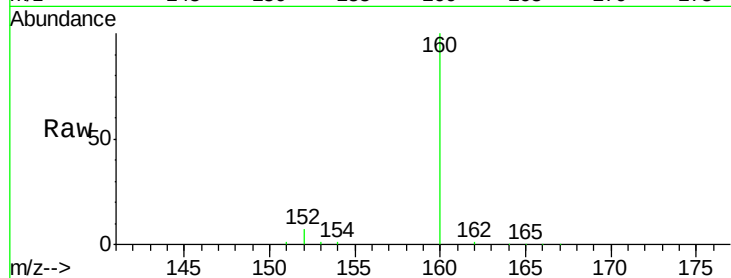
A4TW8

Tot Ion:	152	Resp:	3884
Ion Ratio	Lower	Upper	
152	100		
151	20.0	17.6	26.4
153	15.9	9.7	14.5

Manual Integrations

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#14

Phenanthrene

Concen: 0.40 ng/ul m

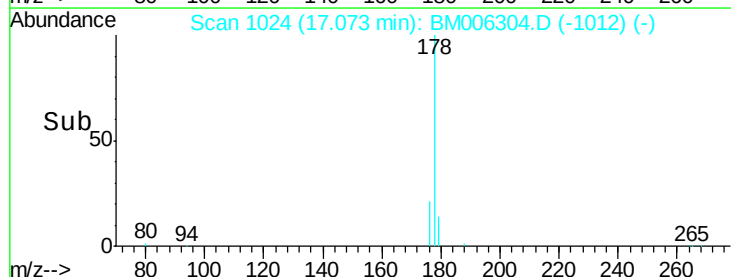
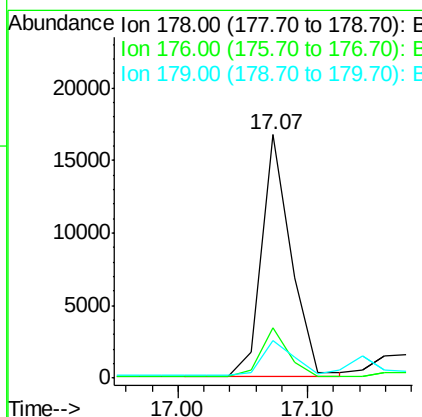
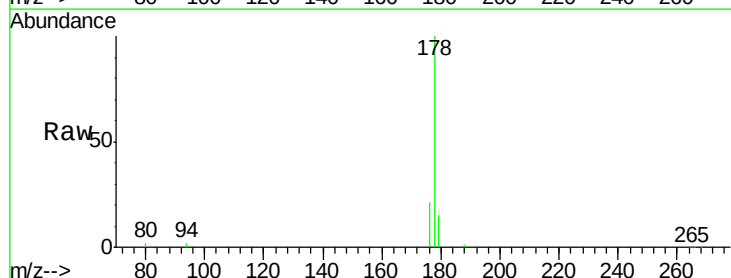
RT: 17.07 min Scan# 1024

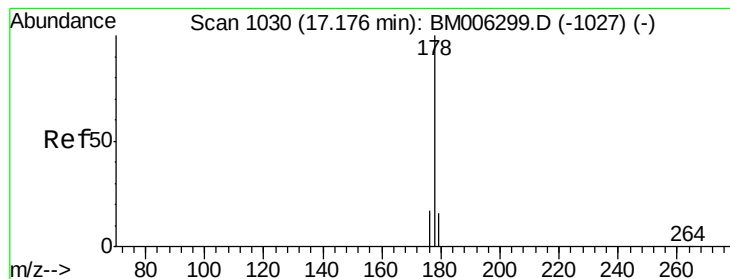
Delta R.T. 0.00 min

Lab File: BM006304.D

Acq: 07 Jul 2016 04:41

Tgt Ion:	178	Resp:	26491
Ion Ratio	Lower	Upper	
178	100		
176	20.9	13.0	19.4
179	15.5	14.2	21.2





#15

Anthracene

Concen: 0.05 ng/ul

RT: 17.18 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BM006304.D

Acq: 07 Jul 2016 04:41

Instrument :

BNA_M

ClientSampleId :

A4TW8

Tot Ion:178 Resp: 3308

Ion Ratio Lower Upper

178 100

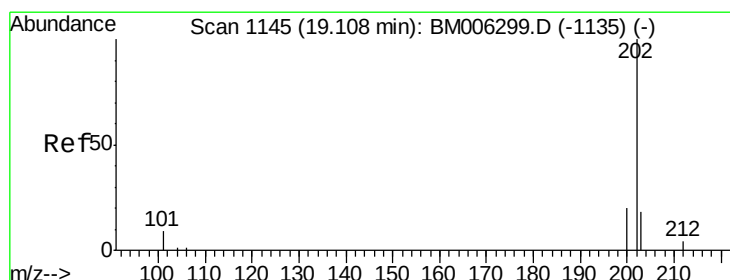
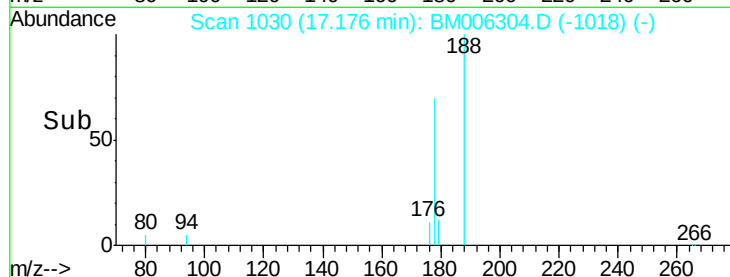
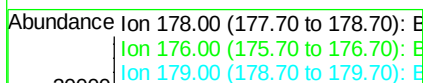
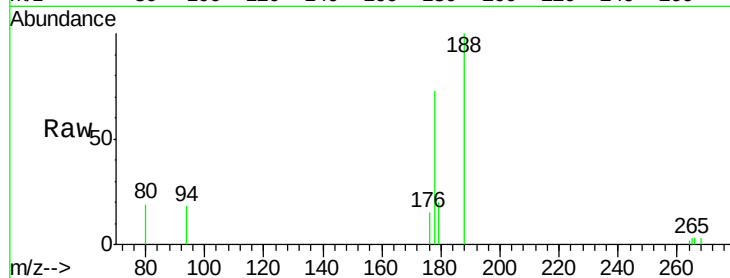
176 20.7 14.0 21.0

179 27.1 12.9 19.3#

Manual Integrations

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#17

Fluoranthene

Concen: 0.76 ng/ul m

RT: 19.11 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BM006304.D

Acq: 07 Jul 2016 04:41

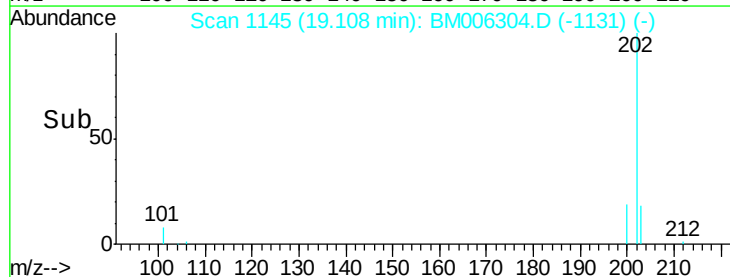
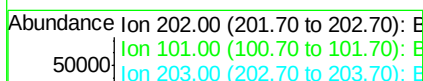
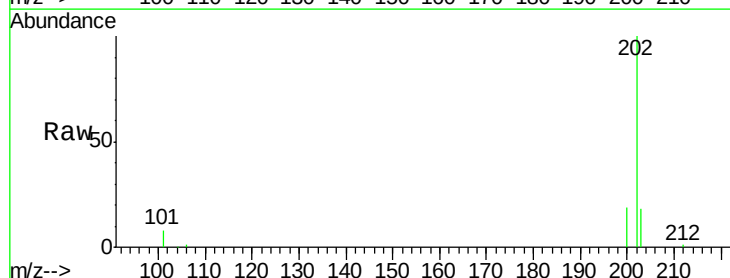
Tgt Ion:202 Resp: 55569

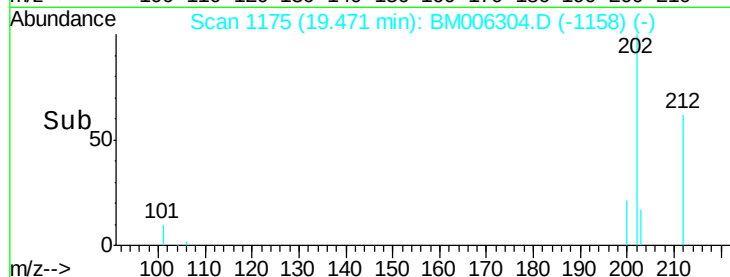
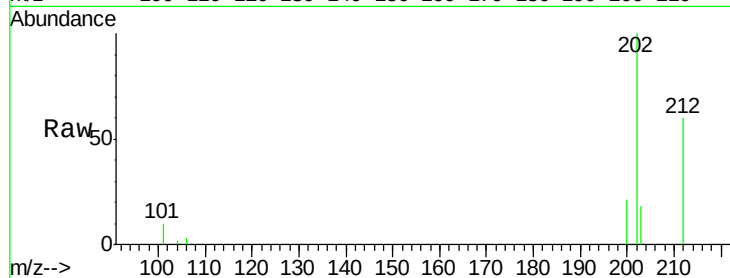
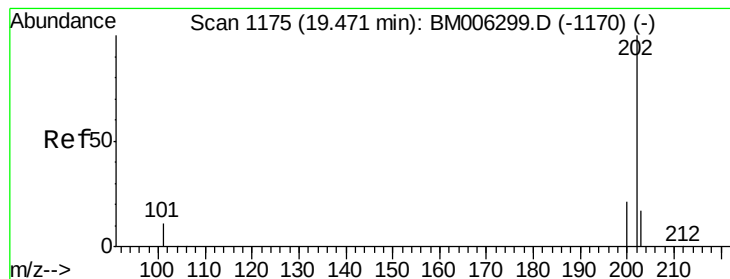
Ion Ratio Lower Upper

202 100

101 7.5 0.0 29.6

203 18.4 0.0 36.3





#19

Pvrene

Concen: 0.76 ng/ul

RT: 19.47 min Scan# 1175

Delta R.T. 0.00 min

Lab File: BM006304.D

Acq: 07 Jul 2016 04:41

Tot Ion:	202	Resp:	48853
Ion Ratio	Lower	Upper	
202	100		
200	20.7	17.8	26.8
203	18.1	12.8	19.2

Instrument :

BNA_M

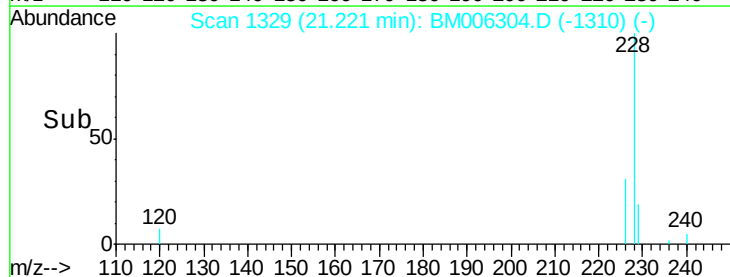
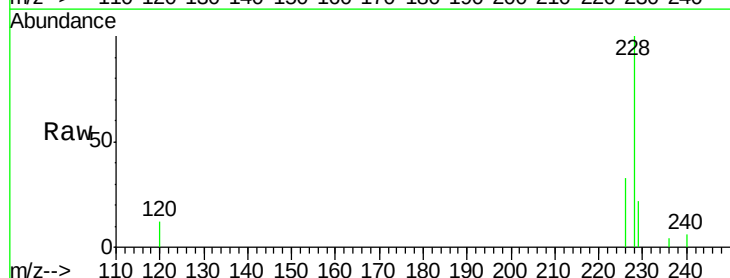
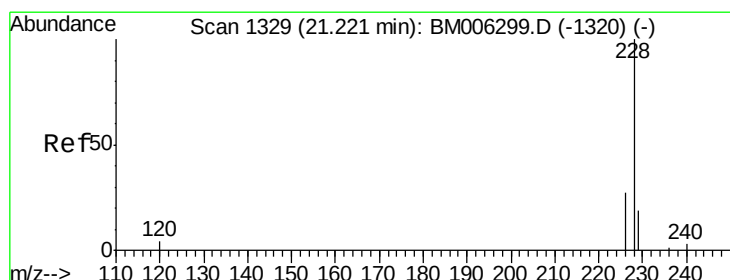
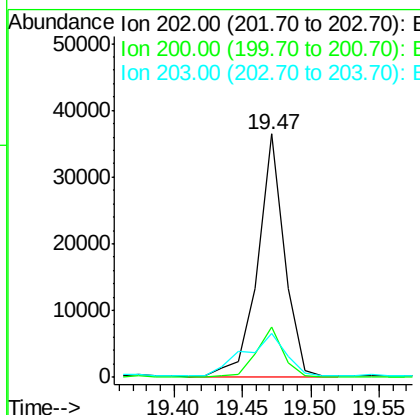
ClientSampled :

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#20

Benzo(a)anthracene

Concen: 0.26 ng/ul

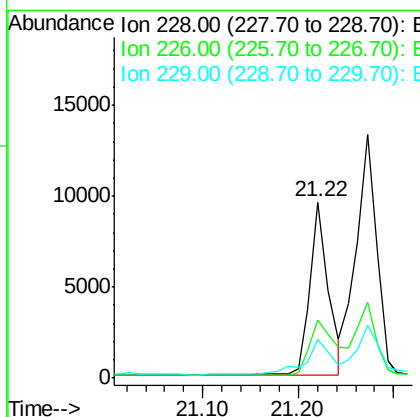
RT: 21.22 min Scan# 1329

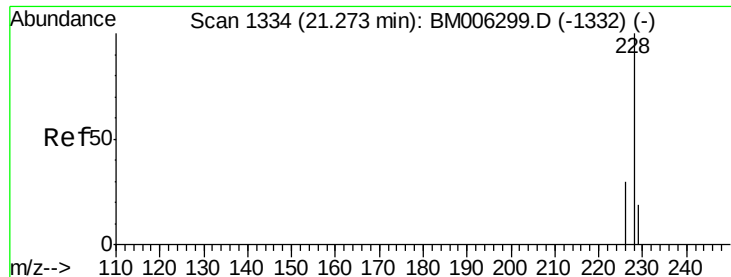
Delta R.T. 0.00 min

Lab File: BM006304.D

Acq: 07 Jul 2016 04:41

Tgt Ion:	228	Resp:	12931
Ion Ratio	Lower	Upper	
228	100		
226	32.9	18.8	28.2#
229	21.9	17.1	25.7





#21

Chrysene

Concen: 0.41 ng/ul

RT: 21.27 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BM006304.D

Acq: 07 Jul 2016 04:41

Instrument :

BNA_M

ClientSampleId :

A4TW8

Tot Ion:228 Resp: 19899

Ion Ratio Lower Upper

228 100

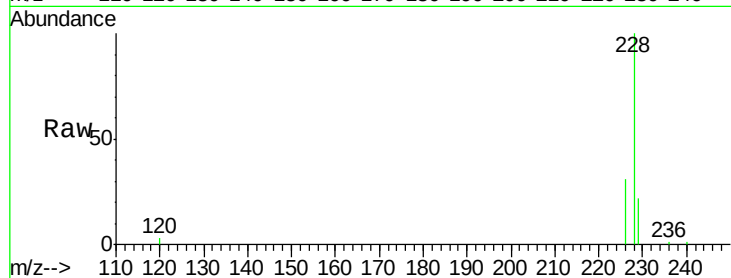
226 31.1 21.2 31.8

229 21.8 17.0 25.6

Manual Integrations

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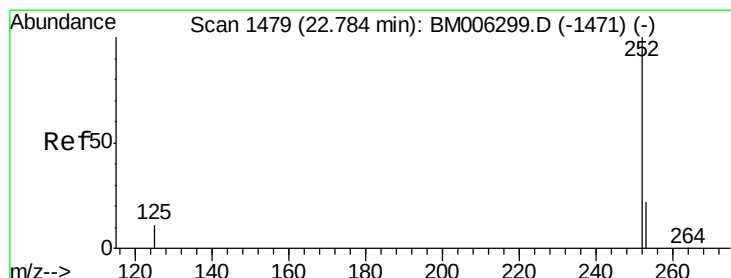
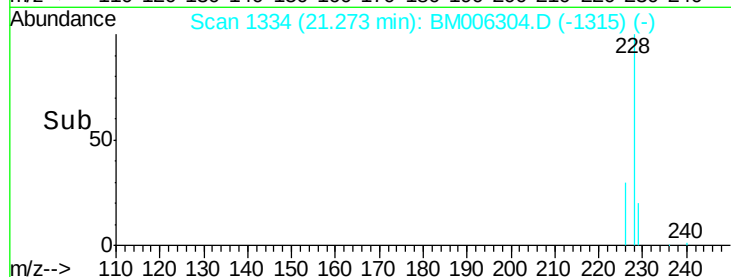
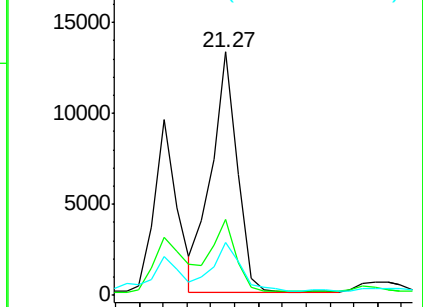
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#23

Benzo(b)fluoranthene

Concen: 0.60 ng/ul m

RT: 22.78 min Scan# 1479

Delta R.T. 0.00 min

Lab File: BM006304.D

Acq: 07 Jul 2016 04:41

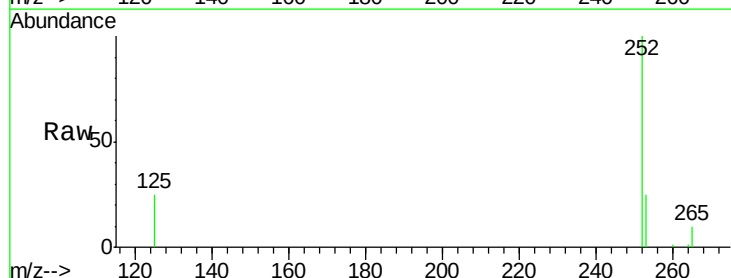
Tgt Ion:252 Resp: 25940

Ion Ratio Lower Upper

252 100

253 25.1 0.0 45.4

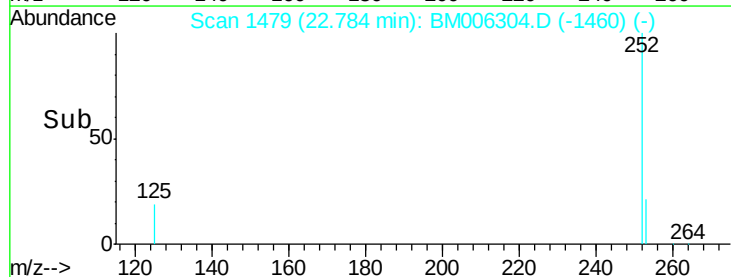
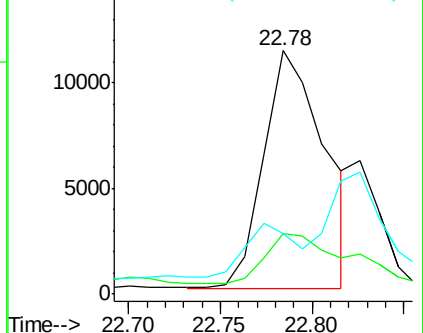
125 24.8 0.0 28.8

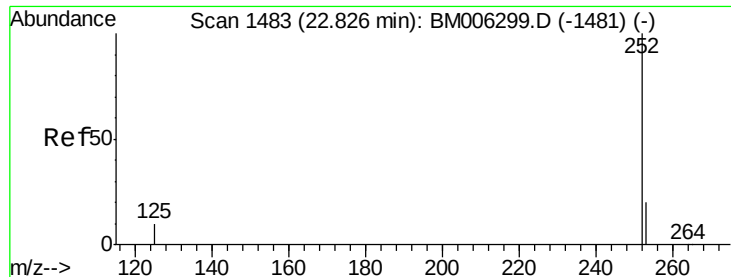


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





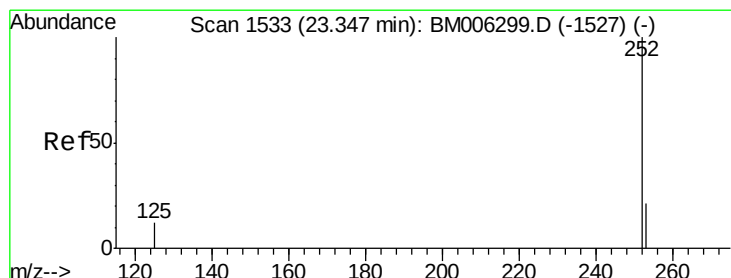
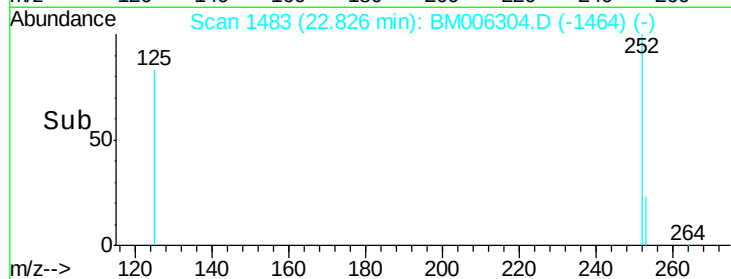
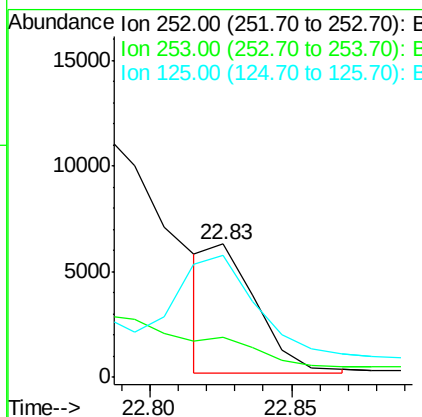
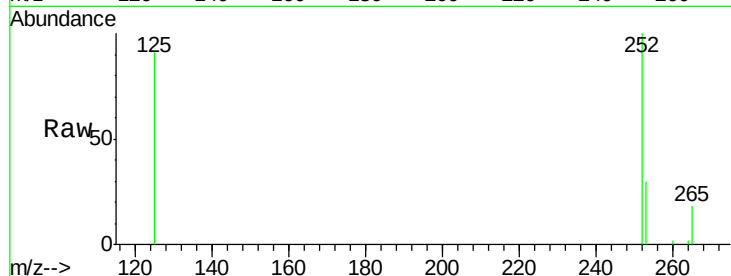
#24
Benzo(k)fluoranthene
Concen: 0.18 ng/ul m
RT: 22.83 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BM006304.D
Acq: 07 Jul 2016 04:41

Instrument :
BNA_M
ClientSampleId :
A4TW8

Tot Ion:252 Resp: 7180
Ion Ratio Lower Upper
252 100
253 29.7 19.8 29.8
125 91.3 10.4 15.6#

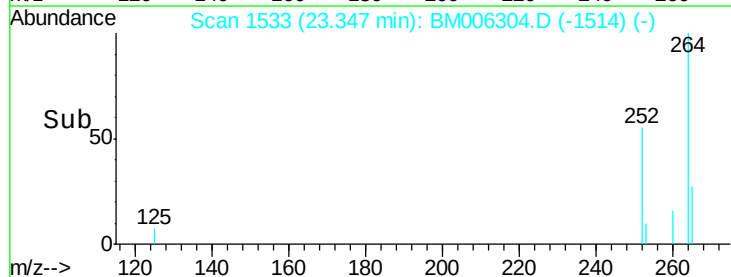
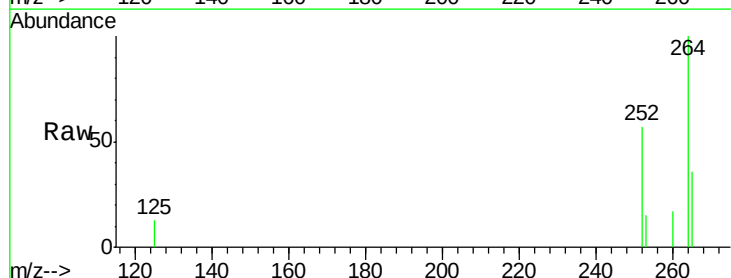
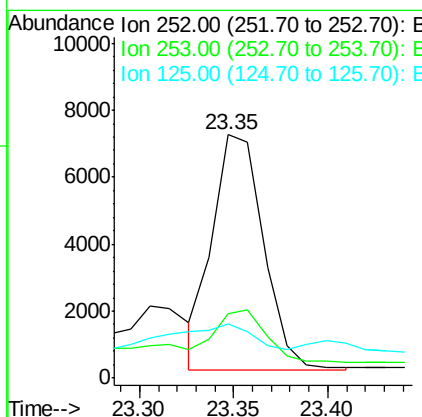
Manual Integrations

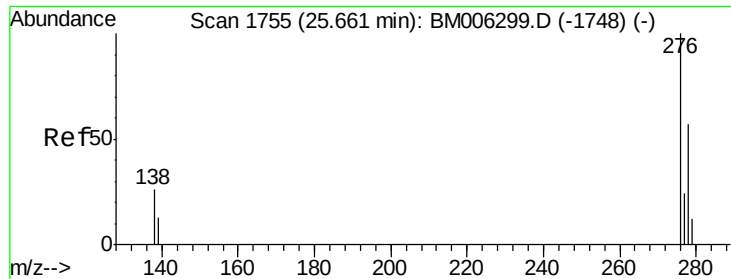
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#25
Benzo(a)pyrene
Concen: 0.34 ng/ul m
RT: 23.35 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BM006304.D
Acq: 07 Jul 2016 04:41

Tgt Ion:252 Resp: 13390
Ion Ratio Lower Upper
252 100
253 26.3 19.4 29.2
125 22.1 12.7 19.1#





#26

Indeno(1,2,3-cd)pyrene

Concen: 0.25 ng/ul m

RT: 25.66 min Scan# 1755

Delta R.T. 0.00 min

Lab File: BM006304.D

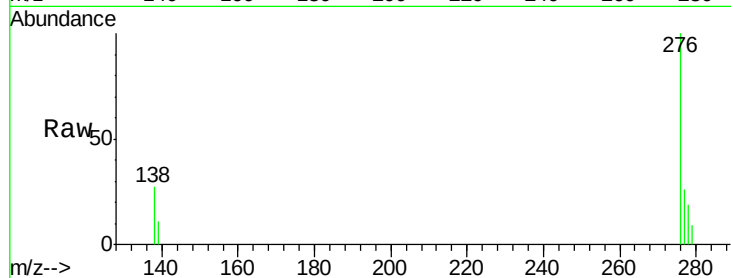
Acq: 07 Jul 2016 04:41

Instrument :

BNA_M

ClientSampleId :

A4TW8



Tot Ion:276 Resp: 11275

Ion Ratio Lower Upper

276 100

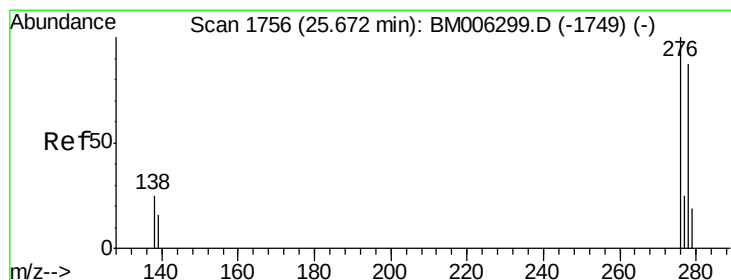
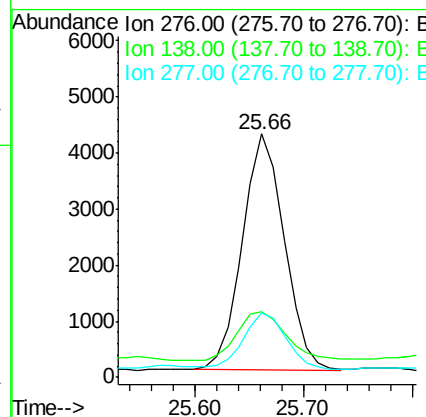
138 18.2 16.3 24.5

277 17.0 19.8 29.8#

Manual Integrations

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#27

Dibenzo(a,h)anthracene

Concen: 0.08 ng/ul m

RT: 25.67 min Scan# 1756

Delta R.T. 0.00 min

Lab File: BM006304.D

Acq: 07 Jul 2016 04:41

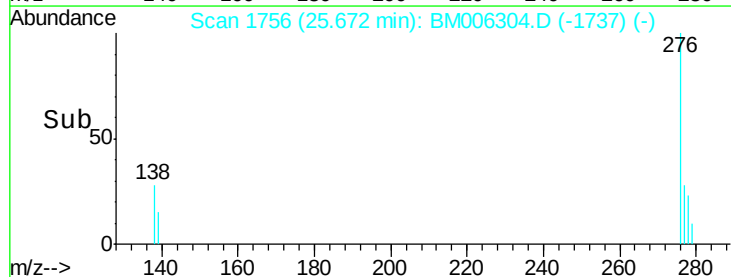
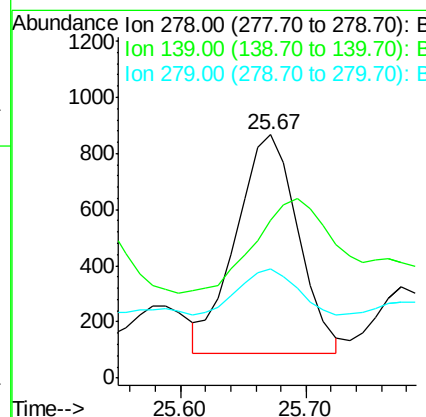
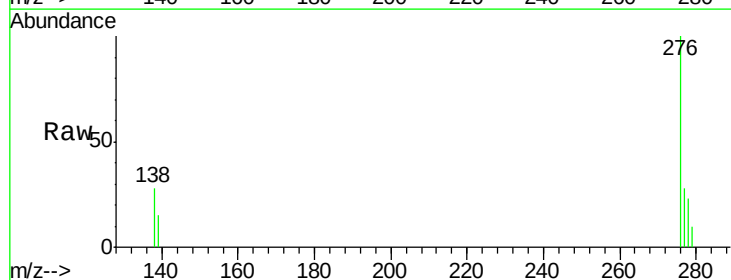
Tgt Ion:278 Resp: 2678

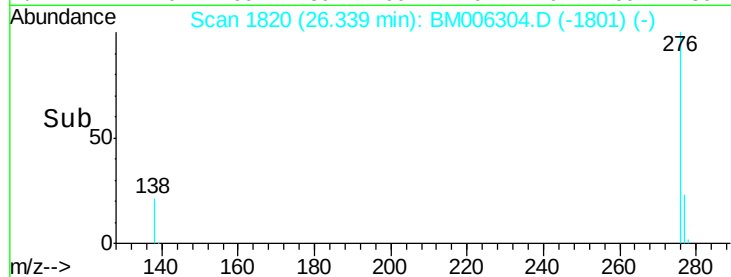
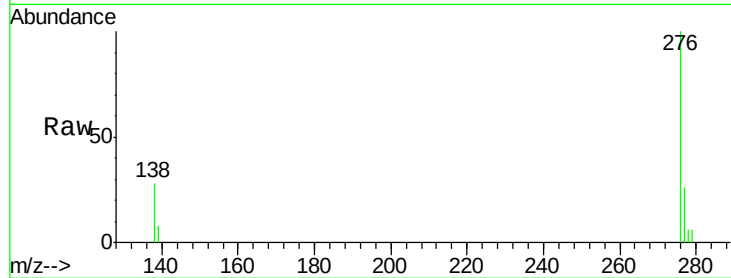
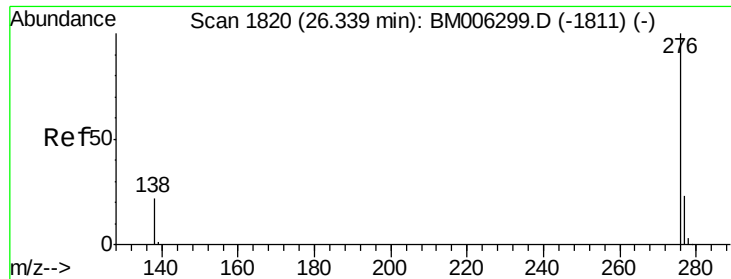
Ion Ratio Lower Upper

278 100

139 64.9 16.4 24.6#

279 44.6 20.2 30.2#





#28

Benzo(a,h,i)perylene

Concen: 0.30 ng/ul m

RT: 26.34 min Scan# 1820

Delta R.T. 0.00 min

Lab File: BM006304.D

Acq: 07 Jul 2016 04:41

Tot Ion:	276	Resp:	11331
Ion Ratio	Lower	Upper	
276	100		
277	26.1	18.9	28.3
138	27.7	22.5	33.7

Instrument :

BNA_M

ClientSampleId :

A4TW8

Manual Integrations

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