

Data Path : Z:\HPCHEM1\BNA M\DATA\BM070716\
 Data File : BM006296.D
 Acq On : 06 Jul 2016 23:16
 Operator : UM/SJ
 Sample : H3811-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4TV8

Manual Integrations

umangi
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Quant Time: Jul 07 11:29:24 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	4458	0.40	ng/ul	0.00
4) Naphthalene-d8	10.43	136	17803	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.30	164	10183	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.04	188	22610m	0.40	ng/ul	0.00
18) Chrysene-d12	21.24	240	15479	0.40	ng/ul	0.00
22) Perylene-d12	23.45	264	12090m	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	6564	3.48	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.02	152	5322	0.26	ng/ul	0.00
16) Fluoranthene-d10	19.07	212	11866	0.25	ng/ul	-0.01
Target Compounds				Ovalue		
5) Naphthalene	10.48	128	3384	0.08	ng/ul#	91
7) 2-Methylnaphthalene	12.09	142	1645	0.06	ng/ul	99
9) Acenaphthylene	14.01	152	6639	0.19	ng/ul#	94
10) Acenaphthene	14.35	153	2964	0.09	ng/ul	89
11) Fluorene	15.34	166	4024	0.11	ng/ul#	83
14) Phenanthrene	17.07	178	75311m	1.20	ng/ul	
15) Anthracene	17.16	178	16541	0.29	ng/ul#	93
17) Fluoranthene	19.11	202	140736m	2.04	ng/ul	
19) Pyrene	19.47	202	137192	2.12	ng/ul	96
20) Benzo(a)anthracene	21.22	228	65188	1.30	ng/ul#	93
21) Chrysene	21.27	228	66957	1.36	ng/ul	96
23) Benzo(b)fluoranthene	22.78	252	77964m	1.80	ng/ul	
24) Benzo(k)fluoranthene	22.83	252	19250m	0.48	ng/ul	
25) Benzo(a)pyrene	23.35	252	52780m	1.31	ng/ul	
26) Indeno(1,2,3-cd)pyrene	25.66	276	35395m	0.79	ng/ul	
27) Dibenzo(a,h)anthracene	25.66	278	9218m	0.26	ng/ul	
28) Benzo(g,h,i)perylene	26.34	276	34691m	0.92	ng/ul	

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

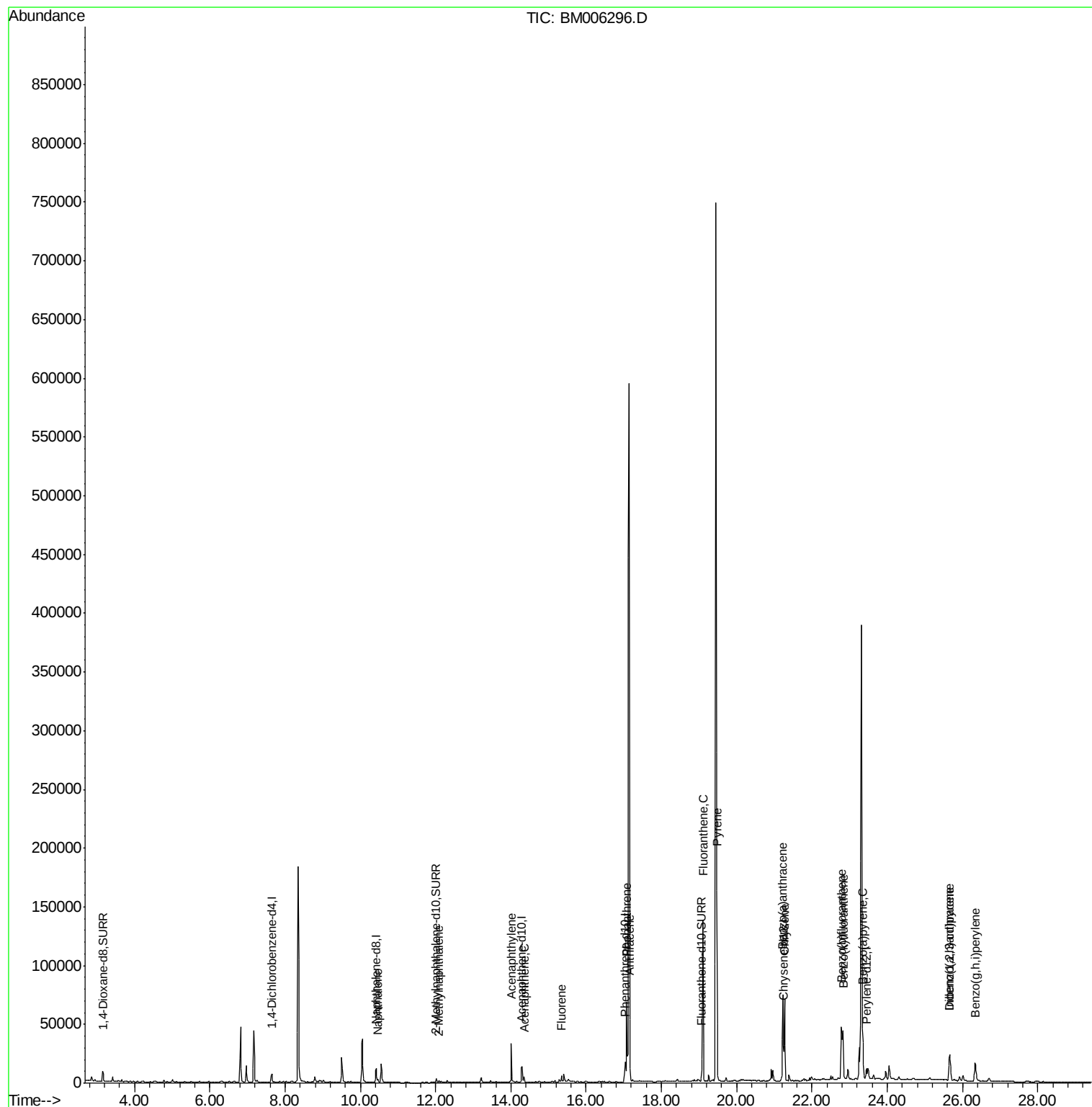
Data Path : Z:\HPCHEM1\BNA M\DATA\BM070716\
Data File : BM006296.D
Acq On : 06 Jul 2016 23:16
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ALS Vial : 18 Sample Multiplier: 1

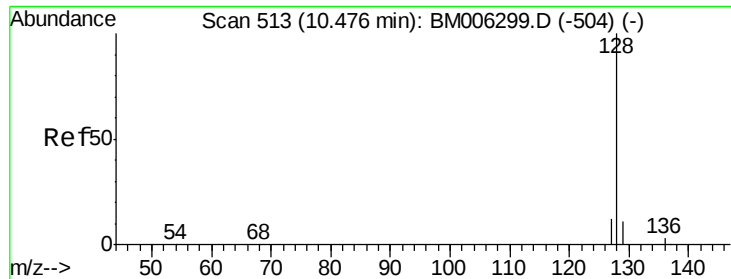
Instrument :
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A4TV8

Manual Integrations

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Quant Time: Jul 07 11:29:24 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





#5

Naphthalene

Concen: 0.08 ng/ul

RT: 10.48 min Scan# 513

Delta R.T. 0.00 min

Lab File: BM006296.D

Acq: 06 Jul 2016 23:16

Instrument :

BNA_M

ClientSampleId :

A4TV8

Tot Ion:128 Resp: 3384

Ion Ratio Lower Upper

128 100

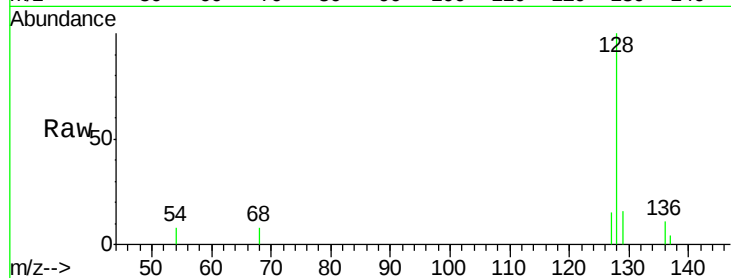
129 15.5 9.0 13.6#

127 14.7 9.6 14.4#

Manual Integrations

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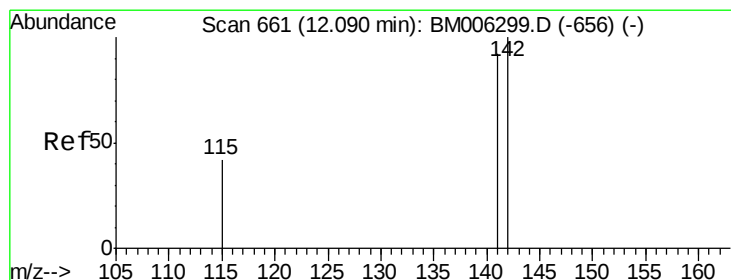
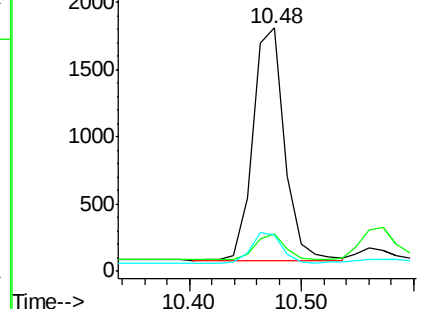
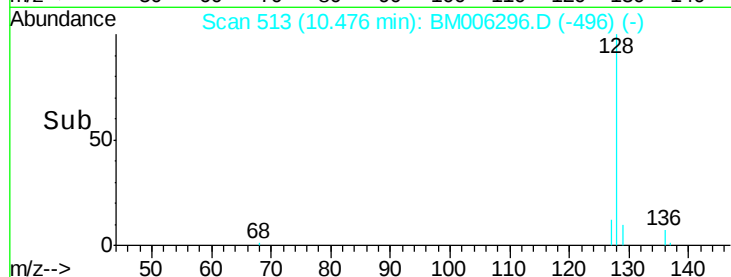
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Abundance Ion 128.00 (127.70 to 128.70): E

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: BM006296.D

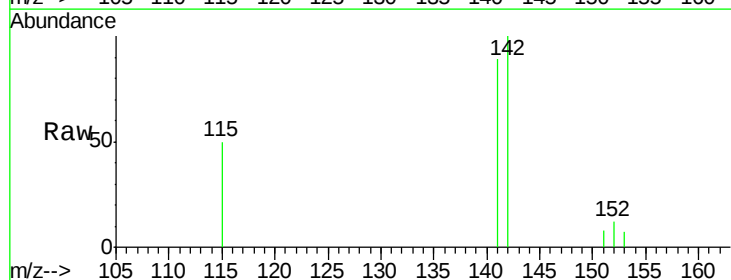
Acq: 06 Jul 2016 23:16

Tgt Ion:142 Resp: 1645

Ion Ratio Lower Upper

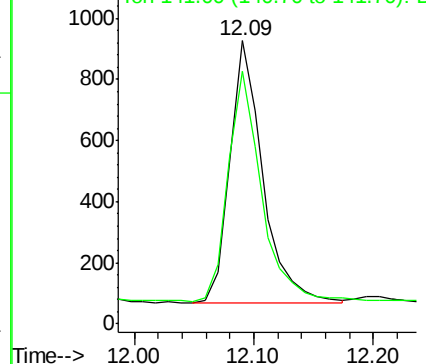
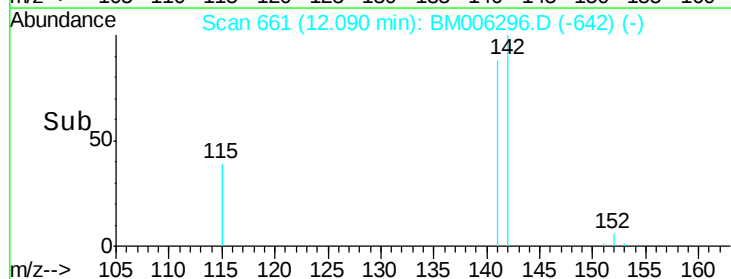
142 100

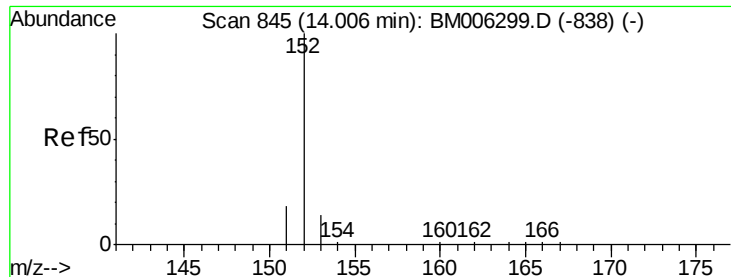
141 87.4 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.19 ng/ul

RT: 14.01 min Scan# 845

Delta R.T. 0.00 min

Lab File: BM006296.D

Acq: 06 Jul 2016 23:16

Instrument :

BNA_M

ClientSampleId :

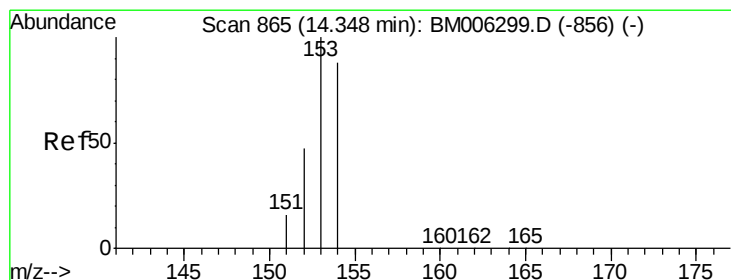
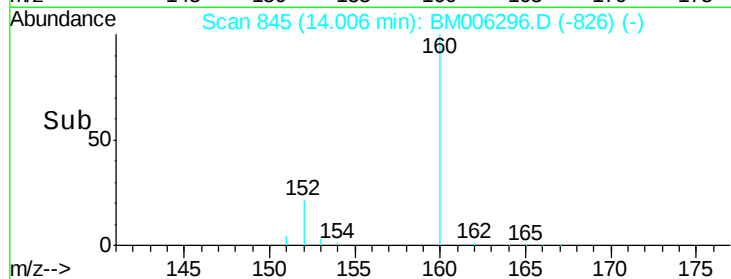
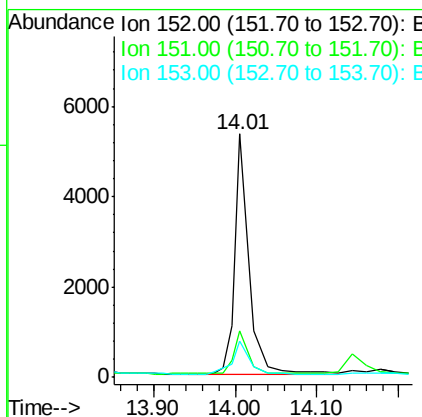
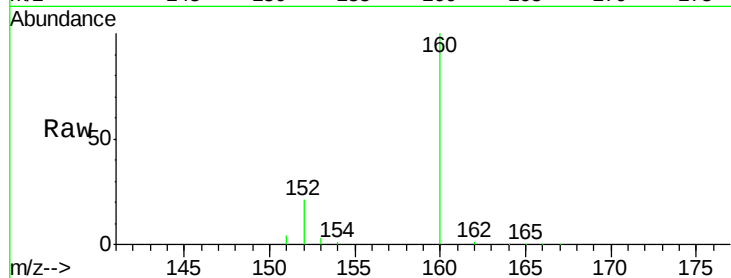
A4TV8

Tot Ion:	152	Resp:	6639
Ion	Ratio	Lower	Upper
152	100		
151	19.2	17.6	26.4
153	15.1	9.7	14.5#

Manual Integrations

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#10

Acenaphthene

Concen: 0.09 ng/ul

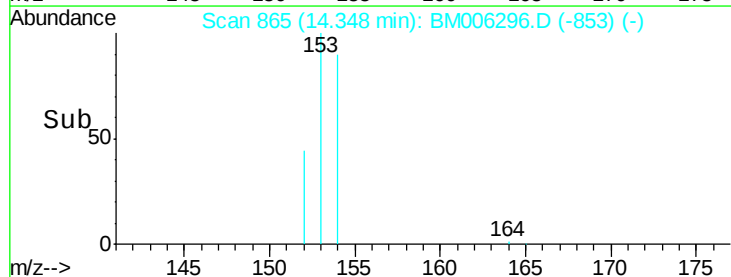
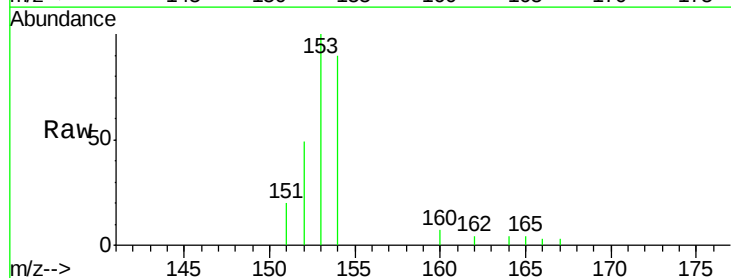
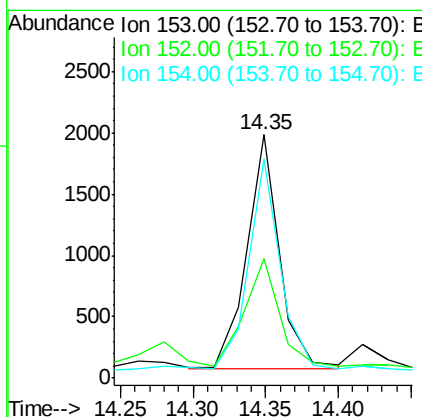
RT: 14.35 min Scan# 865

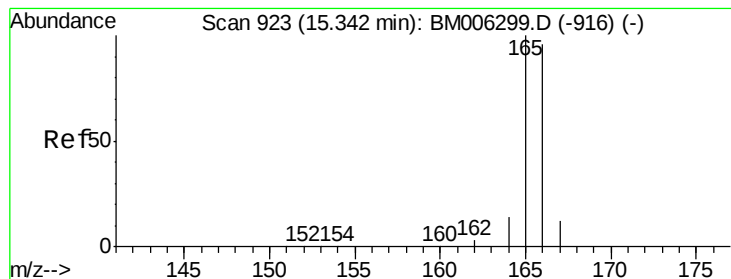
Delta R.T. 0.00 min

Lab File: BM006296.D

Acq: 06 Jul 2016 23:16

Tgt Ion:	153	Resp:	2964
Ion	Ratio	Lower	Upper
153	100		
152	48.8	33.9	50.9
154	90.0	80.6	121.0





#11

Fluorene

Concen: 0.11 ng/ul

RT: 15.34 min Scan# 923

Delta R.T. 0.00 min

Lab File: BM006296.D

Acq: 06 Jul 2016 23:16

Instrument :

BNA_M

ClientSampleId :

A4TV8

Tot Ion:166 Resp: 4024

Ion Ratio Lower Upper

166 100

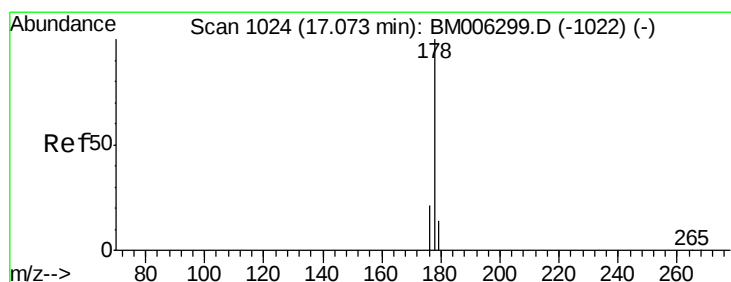
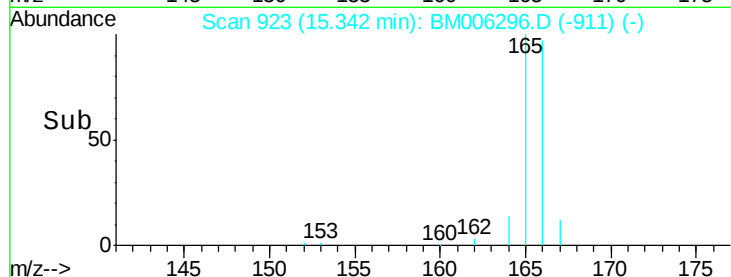
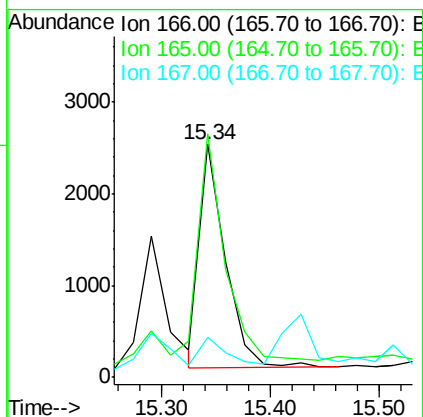
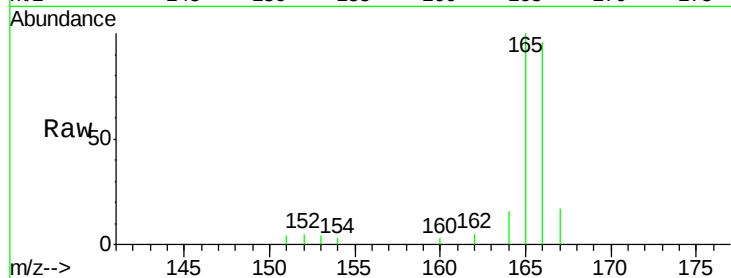
165 104.5 69.6 104.4#

167 17.3 11.9 17.9

Manual Integrations

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#14

Phenanthrene

Concen: 1.20 ng/ul m

RT: 17.07 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BM006296.D

Acq: 06 Jul 2016 23:16

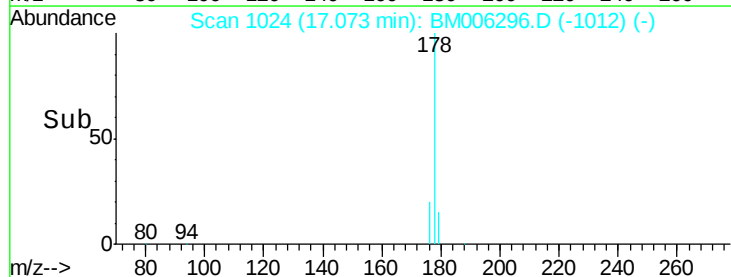
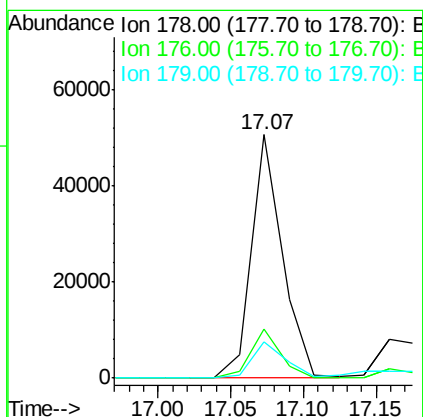
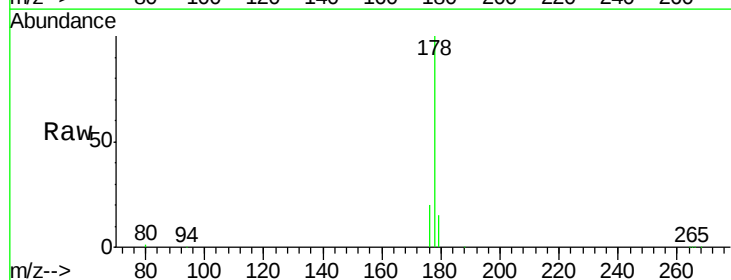
Tgt Ion:178 Resp: 75311

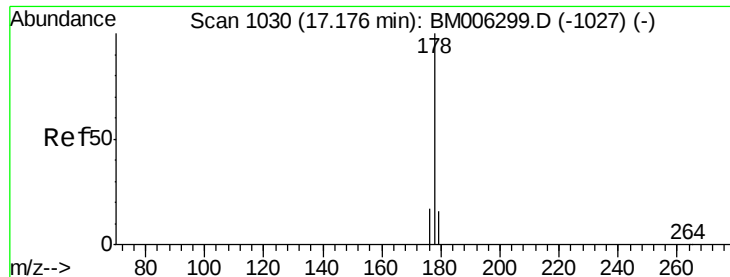
Ion Ratio Lower Upper

178 100

176 20.1 13.0 19.4#

179 14.9 14.2 21.2





#15

Anthracene

Concen: 0.29 ng/ul

RT: 17.16 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BM006296.D

Acq: 06 Jul 2016 23:16

Instrument :

BNA_M

ClientSampleId :

A4TV8

Tot Ion:178 Resp: 16541

Ion Ratio Lower Upper

178 100

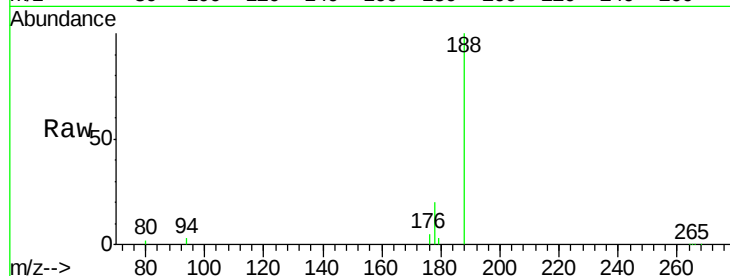
176 22.7 14.0 21.0#

179 16.8 12.9 19.3

Manual Integrations

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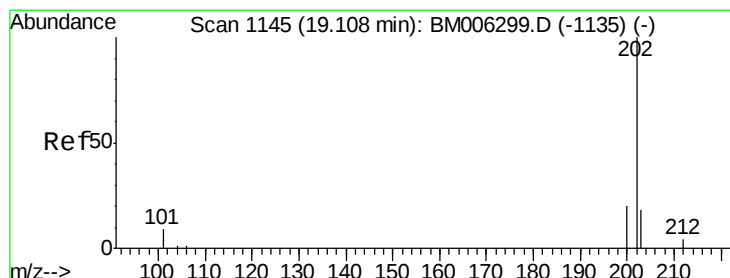
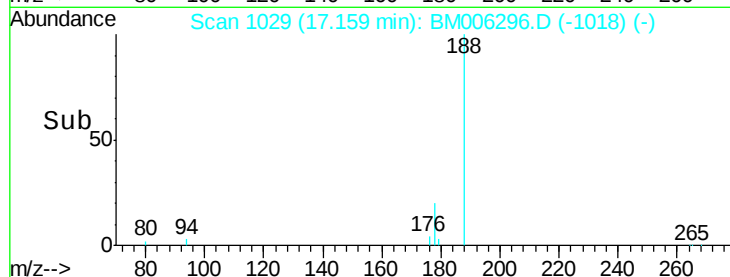
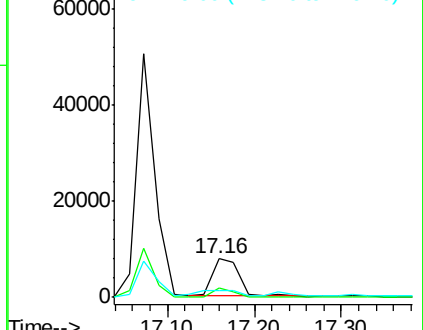
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#17

Fluoranthene

Concen: 2.04 ng/ul m

RT: 19.11 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BM006296.D

Acq: 06 Jul 2016 23:16

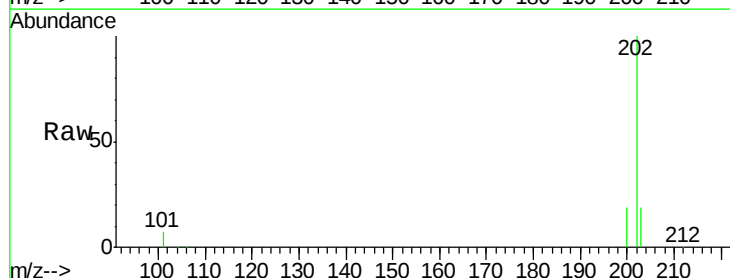
Tgt Ion:202 Resp: 140736

Ion Ratio Lower Upper

202 100

101 6.6 0.0 29.6

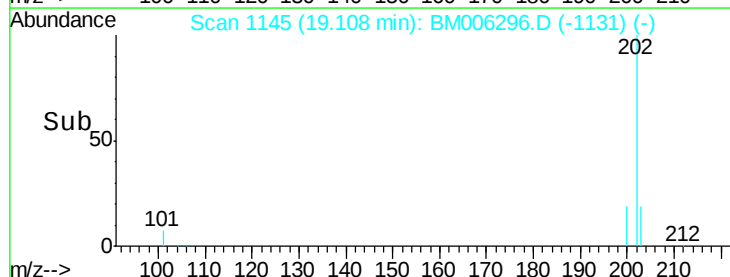
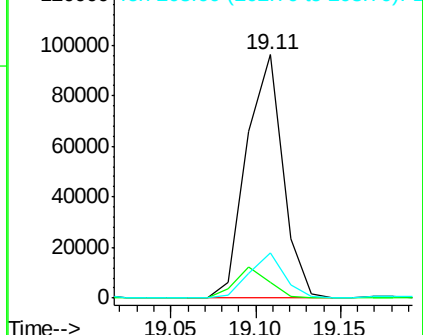
203 18.8 0.0 36.3

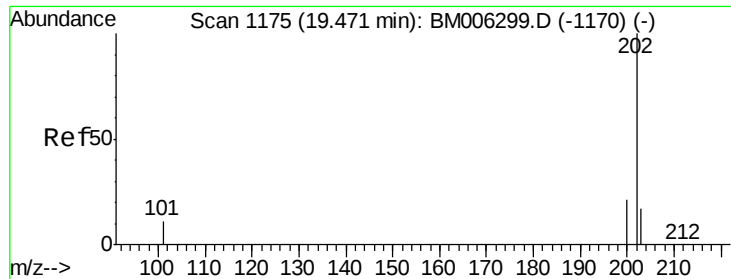


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





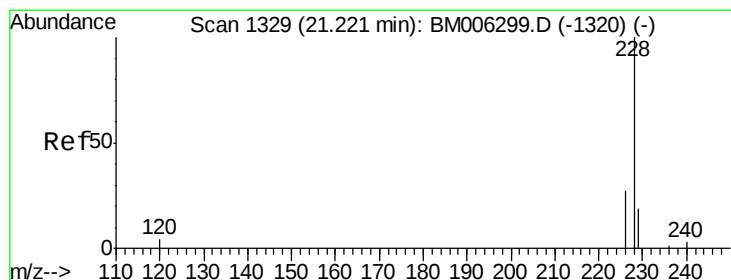
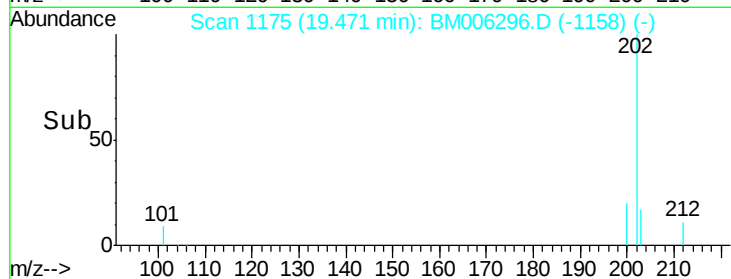
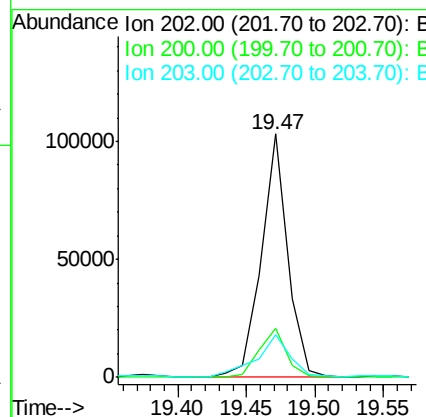
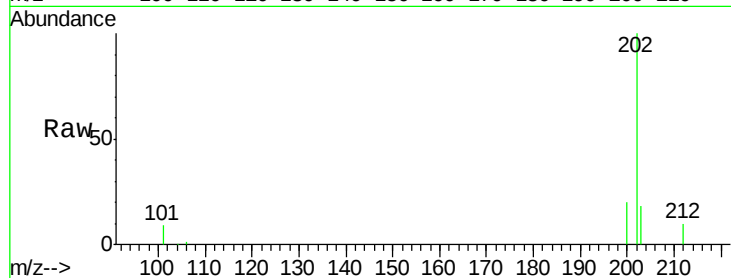
#19
Pvrene
Concen: 2.12 ng/ul
RT: 19.47 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BM006296.D
Acq: 06 Jul 2016 23:16

Instrument :
BNA_M
ClientSampleId :
A4TV8

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.8	26.8
203	17.6	12.8	19.2

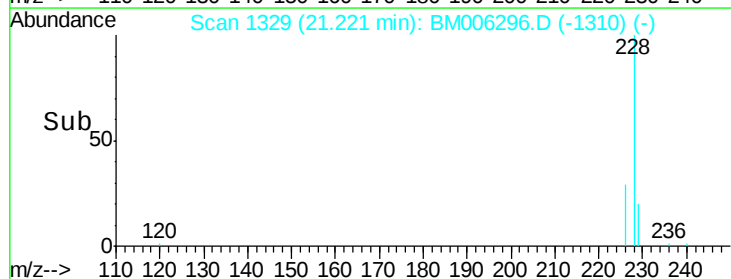
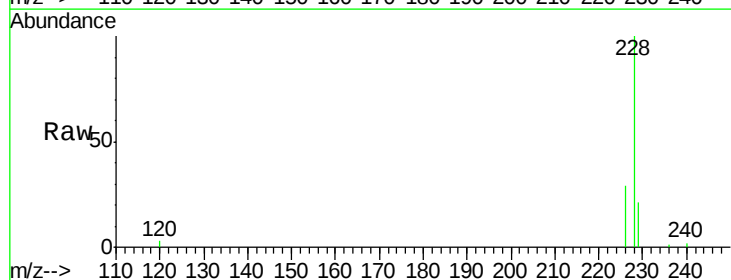
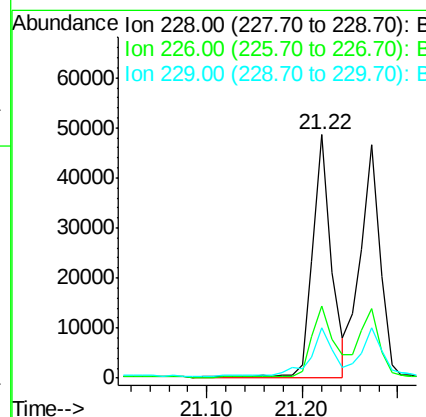
Manual Integrations

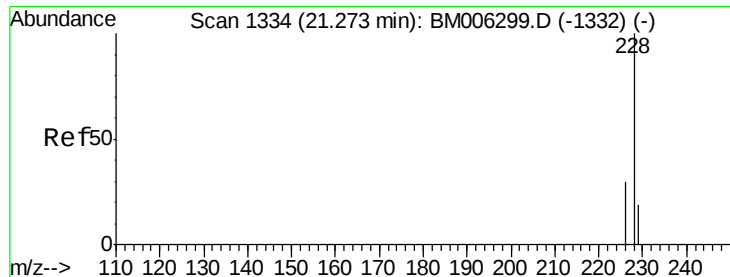
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#20
Benzo(a)anthracene
Concen: 1.30 ng/ul
RT: 21.22 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BM006296.D
Acq: 06 Jul 2016 23:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	18.8	28.2#
229	20.9	17.1	25.7





#21

Chrysene

Concen: 1.36 ng/ul

RT: 21.27 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BM006296.D

Acq: 06 Jul 2016 23:16

Instrument :

BNA_M

ClientSampleId :

A4TV8

Tot Ion:228 Resp: 66957

Ion Ratio Lower Upper

228 100

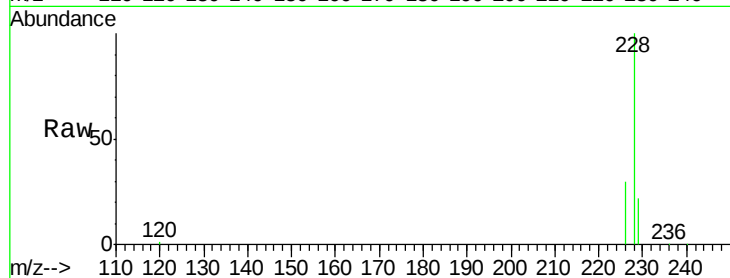
226 29.8 21.2 31.8

229 21.6 17.0 25.6

Manual Integrations

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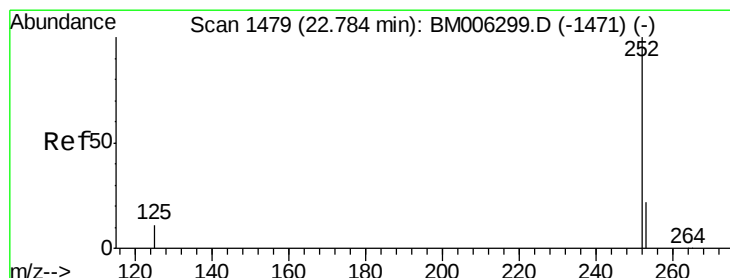
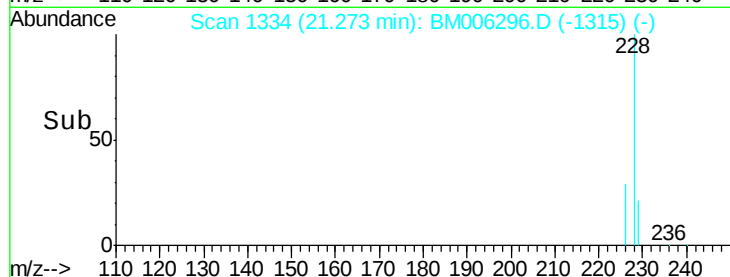
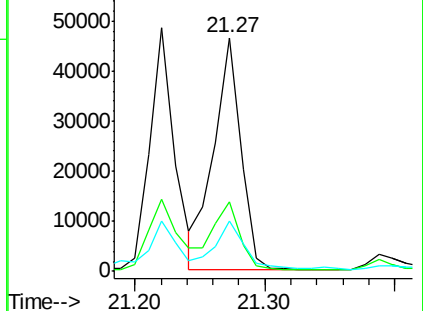
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#23

Benzo(b)fluoranthene

Concen: 1.80 ng/ul m

RT: 22.78 min Scan# 1479

Delta R.T. 0.00 min

Lab File: BM006296.D

Acq: 06 Jul 2016 23:16

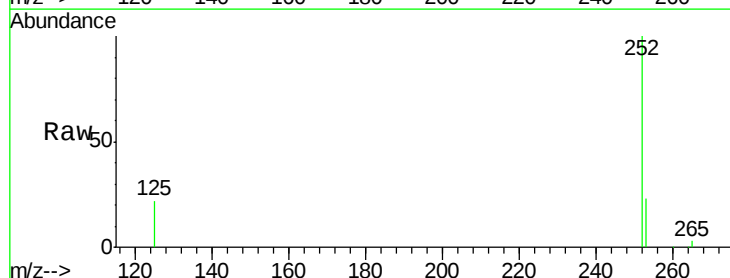
Tgt Ion:252 Resp: 77964

Ion Ratio Lower Upper

252 100

253 22.9 0.0 45.4

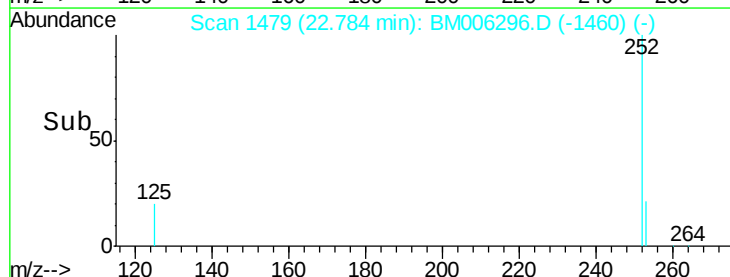
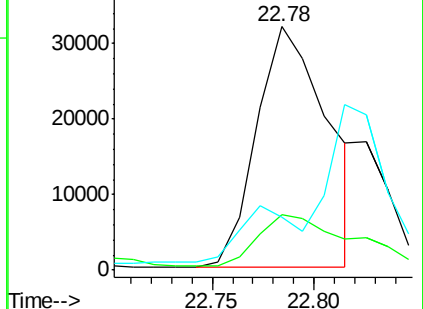
125 22.0 0.0 28.8

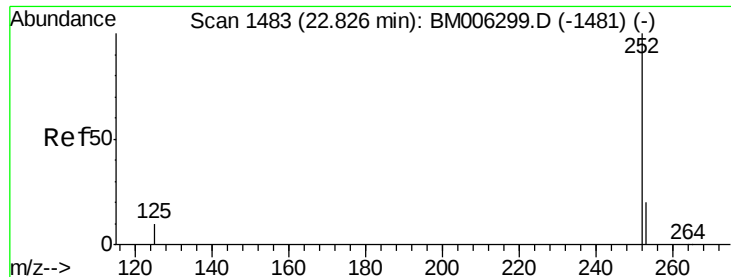


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 0.48 ng/ul m

RT: 22.83 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BM006296.D

Acq: 06 Jul 2016 23:16

Instrument :

BNA_M

ClientSampleId :

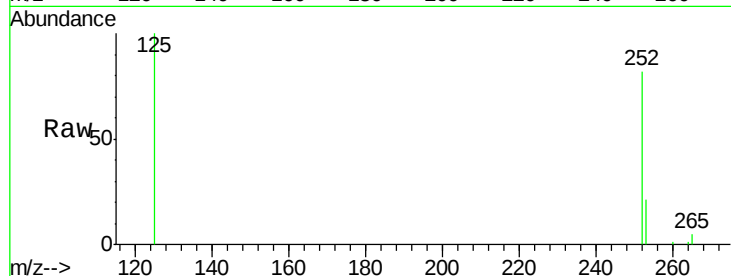
A4TV8

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.4	19.8	29.8
125	121.8	10.4	15.6

Manual Integrations

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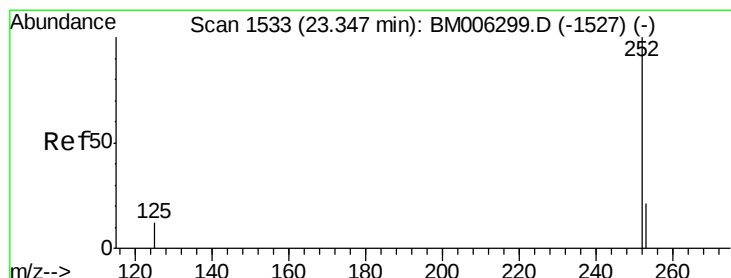
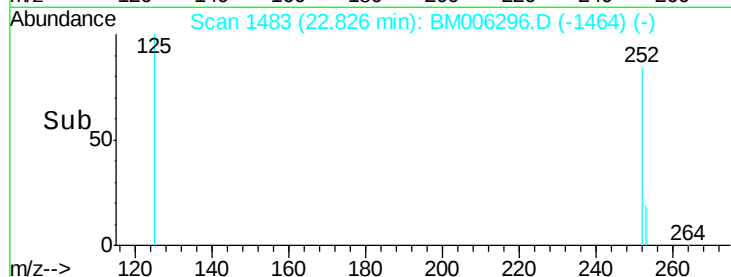
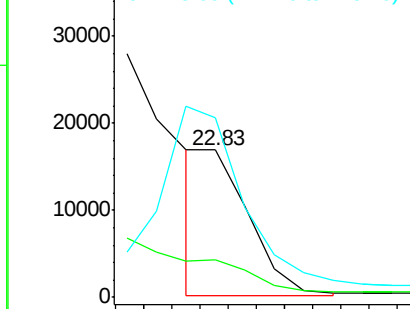
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#25

Benzo(a)pyrene

Concen: 1.31 ng/ul m

RT: 23.35 min Scan# 1533

Delta R.T. 0.00 min

Lab File: BM006296.D

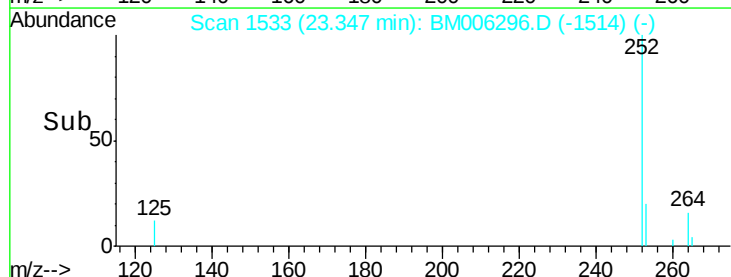
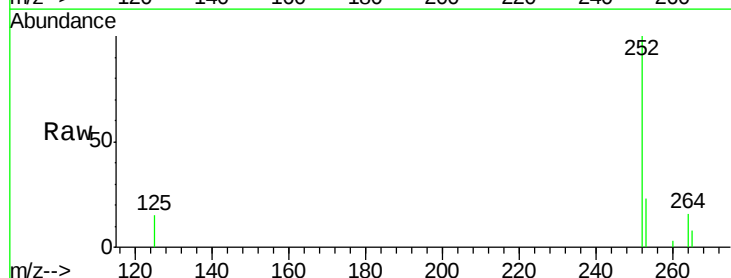
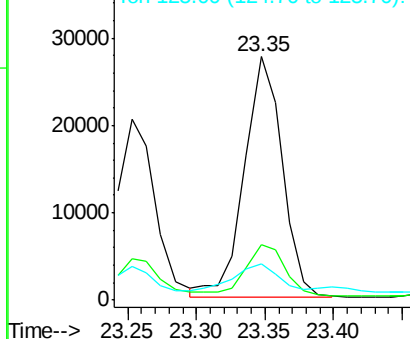
Acq: 06 Jul 2016 23:16

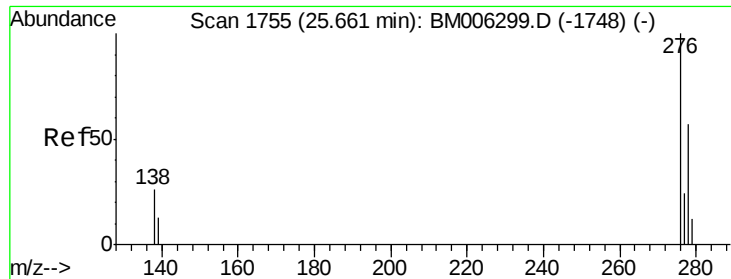
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.4	29.2
125	14.7	12.7	19.1

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





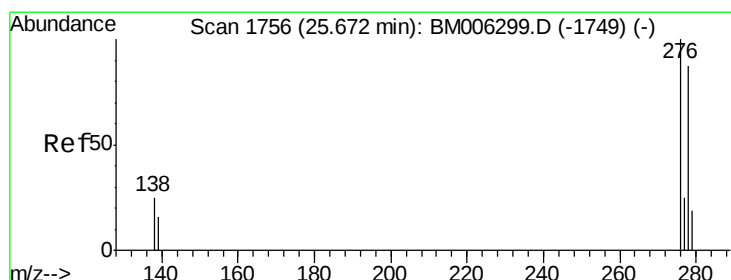
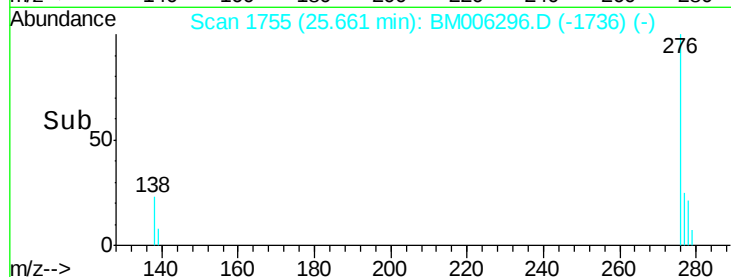
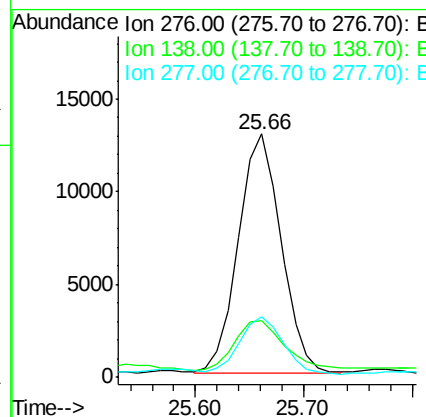
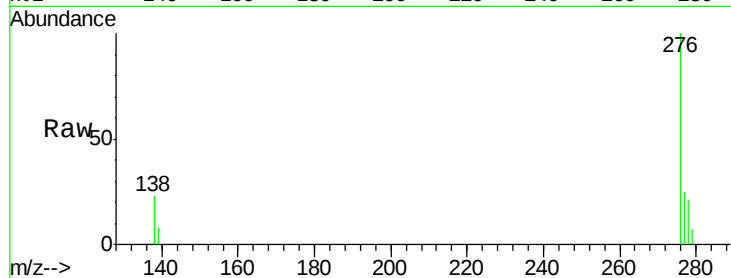
#26
Indeno(1,2,3-cd)pyrene
Concen: 0.79 ng/ul m
RT: 25.66 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BM006296.D
Acq: 06 Jul 2016 23:16

Instrument :
BNA_M
ClientSampleId :
A4TV8

Tot Ion:276 Resp: 35395
Ion Ratio Lower Upper
276 100
138 18.7 16.3 24.5
277 17.9 19.8 29.8#

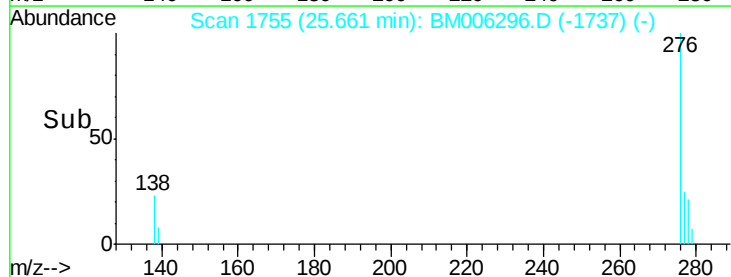
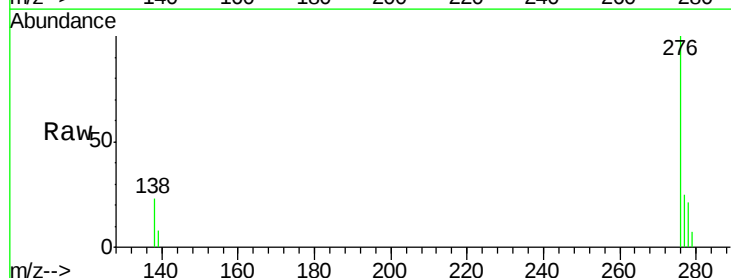
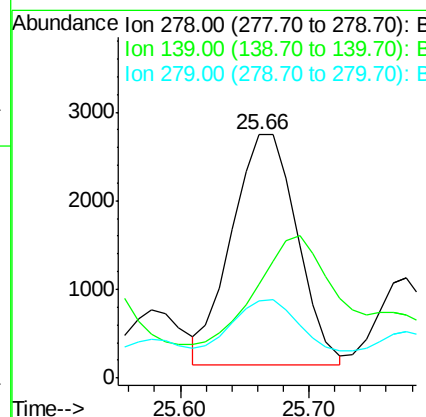
Manual Integrations

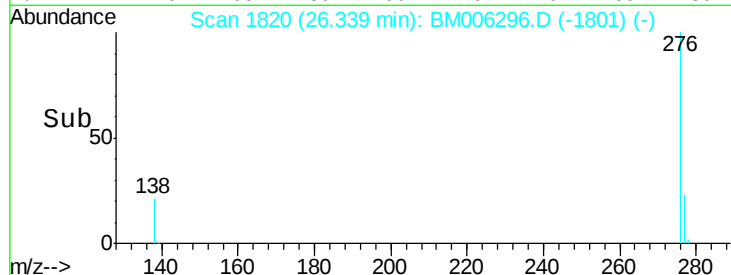
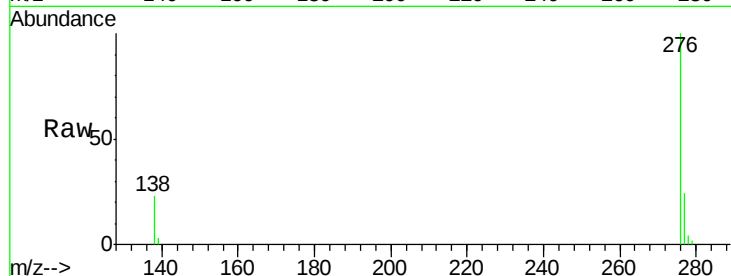
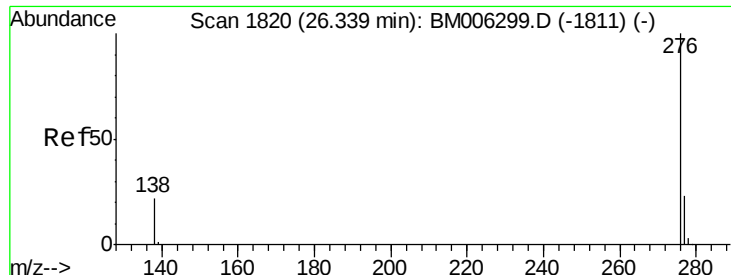
umangi
7/7/2016 6:05:37 PM



#27
Dibenzo(a,h)anthracene
Concen: 0.26 ng/ul m
RT: 25.66 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BM006296.D
Acq: 06 Jul 2016 23:16

Tgt Ion:278 Resp: 9218
Ion Ratio Lower Upper
278 100
139 38.5 16.4 24.6#
279 31.8 20.2 30.2#





#28
 Benzo(a,h,i)perylene
 Concen: 0.92 ng/ul m
 RT: 26.34 min Scan# 1820
 Delta R.T. 0.00 min
 Lab File: BM006296.D
 Acq: 06 Jul 2016 23:16

Tot Ion:	276	Resp:	34691
Ion Ratio	Lower	Upper	
276	100		
277	24.3	18.9	28.3
138	23.2	22.5	33.7

Instrument :
 BNA_M
 ClientSampleId :
 A4TV8

Manual Integrations

umangi
 7/7/2016 6:05:37 PM

