

Data Path : Z:\HPCHEM1\BNA M\DATA\BM070816\
 Data File : BM006346.D
 Acq On : 08 Jul 2016 12:20
 Operator : UM/SJ
 Sample : H3914-22
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4TT3

Manual Integrations

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Quant Time: Jul 08 13:52:18 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM070716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 08:04:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4910	0.40	ng/ul	0.00
4) Naphthalene-d8	10.43	136	19176	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.30	164	11187	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.04	188	25909	0.40	ng/ul	0.00
18) Chrysene-d12	21.24	240	17751	0.40	ng/ul	0.00
22) Perylene-d12	23.45	264	15516	0.40	ng/ul	0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
6) 2-Methylnaphthalene-d10	12.02	152	7725	0.34	ng/ul	0.00
16) Fluoranthene-d10	19.08	212	18382	0.34	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.46	128	39856	0.89	ng/ul	96
9) Acenaphthylene	14.01	152	47763	1.27	ng/ul#	92
10) Acenaphthene	14.35	153	24510	0.66	ng/ul	91
11) Fluorene	15.34	166	36552	0.87	ng/ul	83
13) Pentachlorophenol	16.70	266	11592	2.90	ng/ul	96
14) Phenanthrene	17.07	178	70129	0.98	ng/ul#	92
15) Anthracene	17.16	178	24411m	0.37	ng/ul	
19) Pyrene	19.48	202	108206	1.46	ng/ul	92
20) Benzo(a)anthracene	21.22	228	69681	1.21	ng/ul	94
21) Chrysene	21.28	228	45080	0.80	ng/ul	94
23) Benzo(b)fluoranthene	22.79	252	24831	0.45	ng/ul	98
24) Benzo(k)fluoranthene	22.83	252	20520	0.40	ng/ul	97
25) Benzo(a)pyrene	23.35	252	13843	0.27	ng/ul	99
26) Indeno(1,2,3-cd)pyrene	25.66	276	38802	0.68	ng/ul#	93
27) Dibenzo(a,h)anthracene	25.69	278	30713	0.69	ng/ul#	95
28) Benzo(a,h,i)perylene	26.34	276	51797	1.07	ng/ul#	94

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

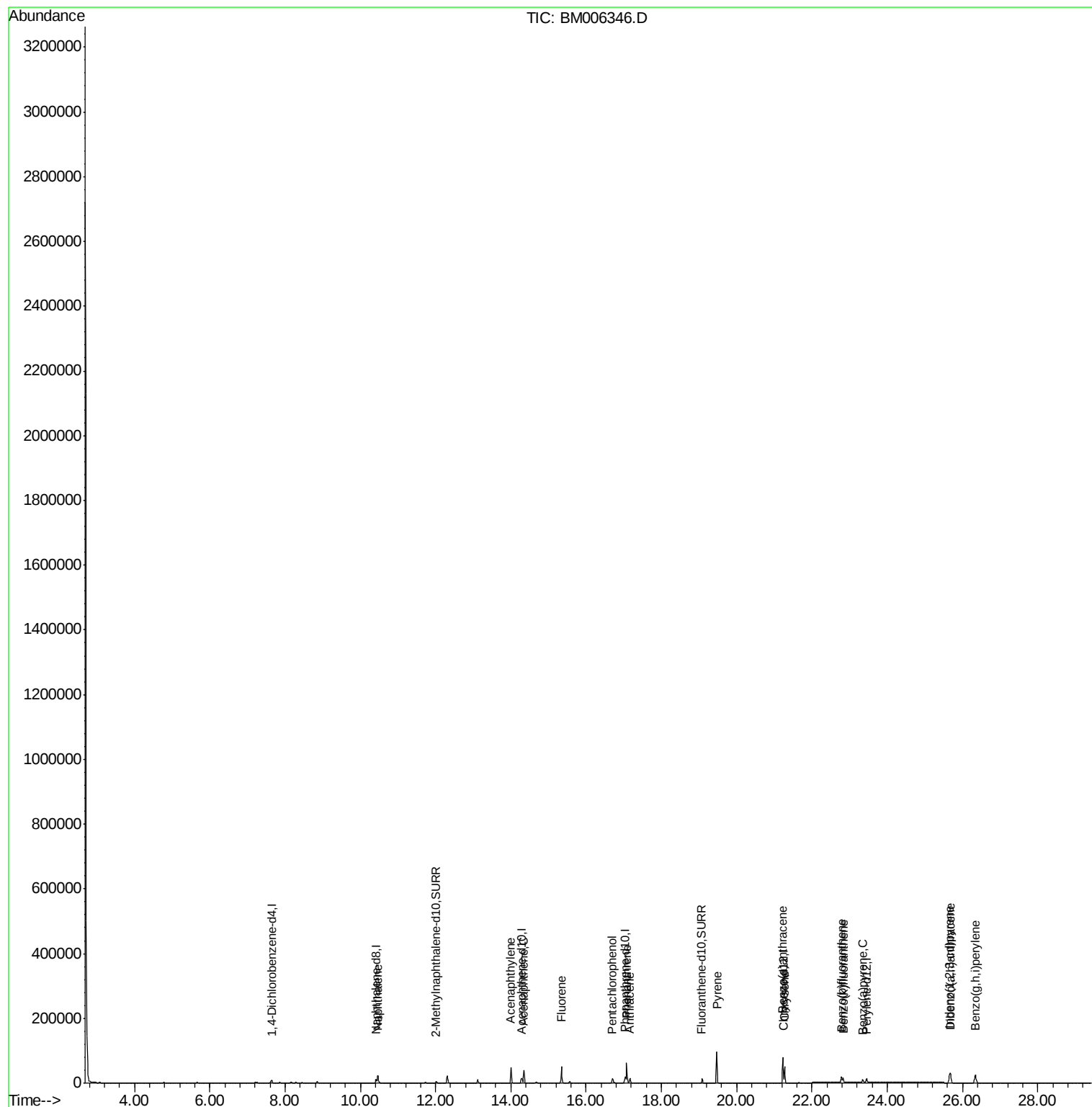
Data Path : Z:\HPCHEM1\BNA M\DATA\BM070816\
Data File : BM006346.D
Acq On : 08 Jul 2016 12:20
Operator : UM/SJ
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Misc :
ALS Vial : 35 Sample Multiplier: 1

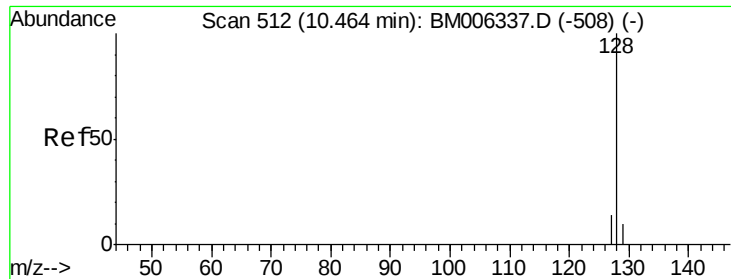
Instrument :
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Quant Time: Jul 08 13:52:18 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM070716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 08:04:54 2016
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.89 ng/ul

RT: 10.46 min Scan# 512

Delta R.T. -0.00 min

Lab File: BM006346.D

Acq: 08 Jul 2016 12:20

Instrument :

BNA_M

ClientSampleId :

A4TT3

Tot Ion:128 Resp: 39856

Ion Ratio Lower Upper

128 100

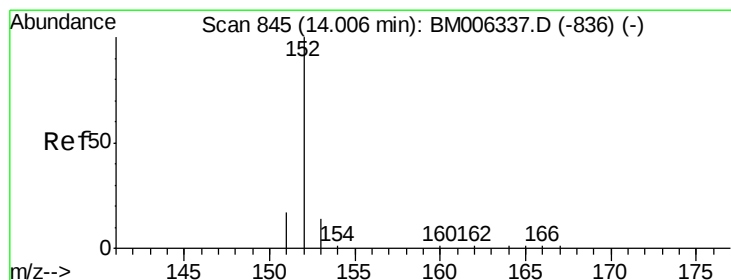
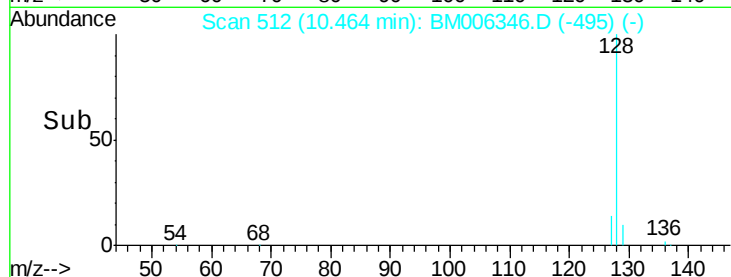
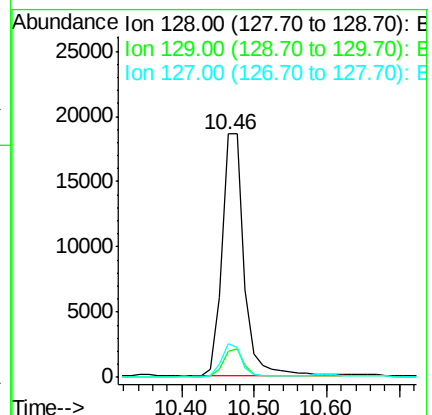
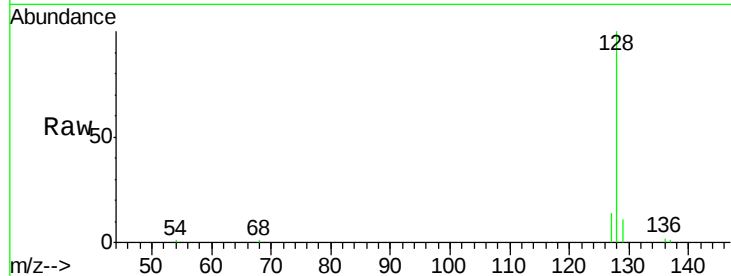
129 10.5 9.0 13.6

127 14.1 9.6 14.4

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#9

Acenaphthylene

Concen: 1.27 ng/ul

RT: 14.01 min Scan# 845

Delta R.T. -0.00 min

Lab File: BM006346.D

Acq: 08 Jul 2016 12:20

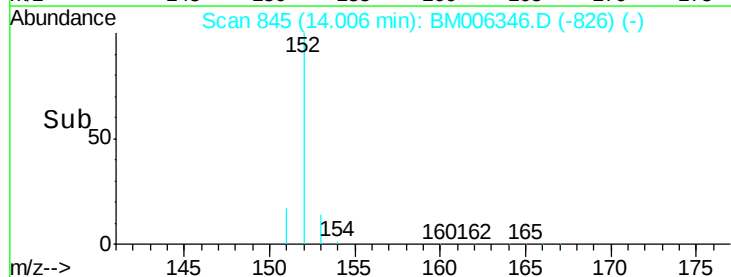
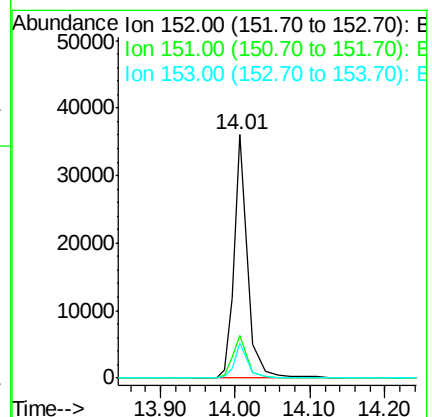
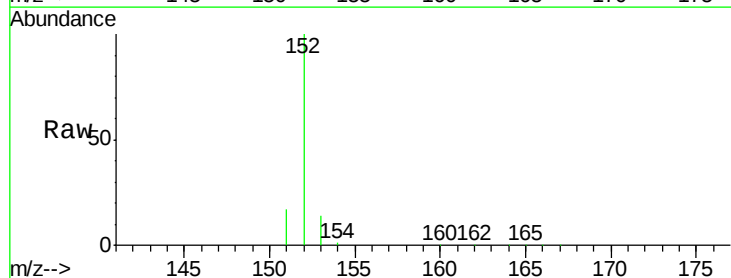
Tgt Ion:152 Resp: 47763

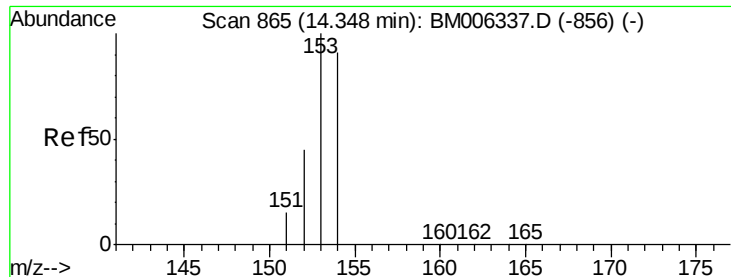
Ion Ratio Lower Upper

152 100

151 17.5 17.6 26.4#

153 14.1 9.7 14.5





#10

Acenaphthene

Concen: 0.66 ng/ul

RT: 14.35 min Scan# 865

Delta R.T. -0.00 min

Lab File: BM006346.D

Acq: 08 Jul 2016 12:20

Instrument :

BNA_M

ClientSampleId :

A4TT3

Tot Ion:153 Resp: 24510

Ion Ratio Lower Upper

153 100

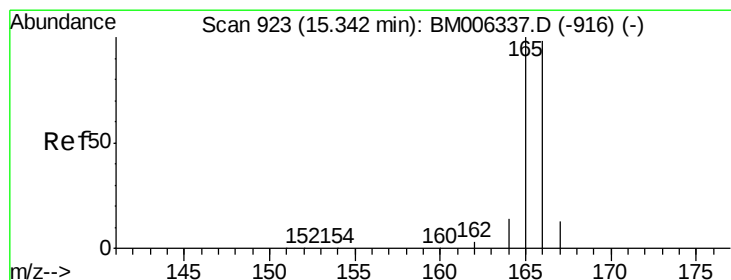
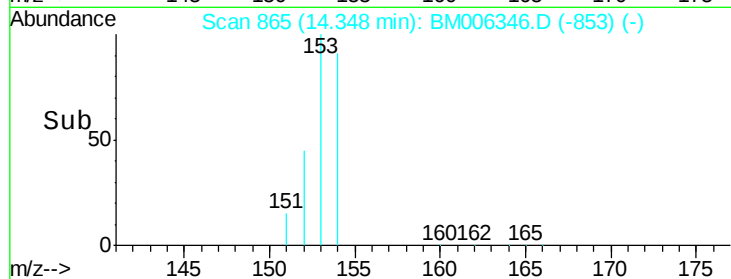
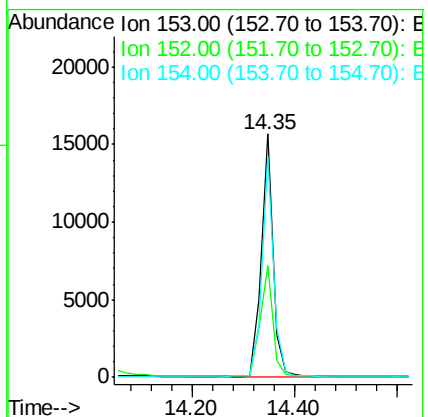
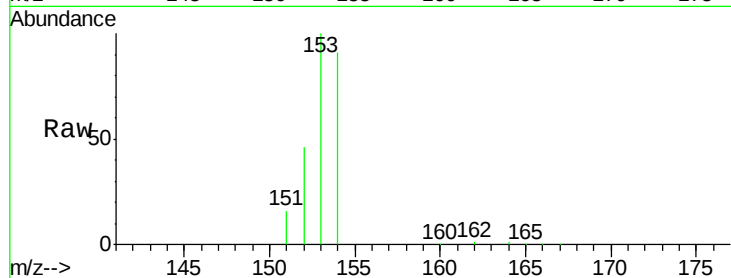
152 46.1 33.9 50.9

154 90.6 80.6 121.0

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#11

Fluorene

Concen: 0.87 ng/ul

RT: 15.34 min Scan# 923

Delta R.T. -0.00 min

Lab File: BM006346.D

Acq: 08 Jul 2016 12:20

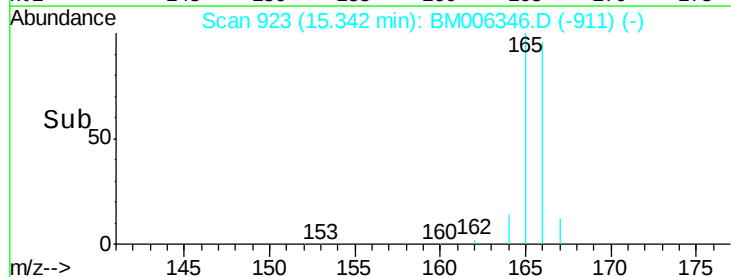
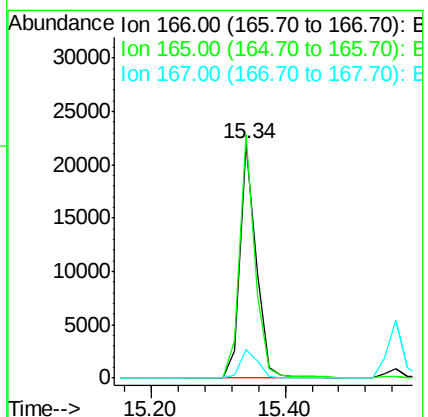
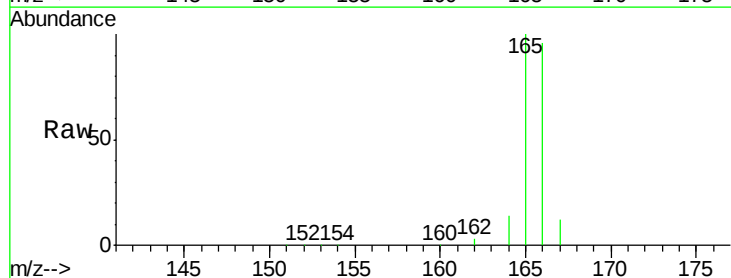
Tgt Ion:166 Resp: 36552

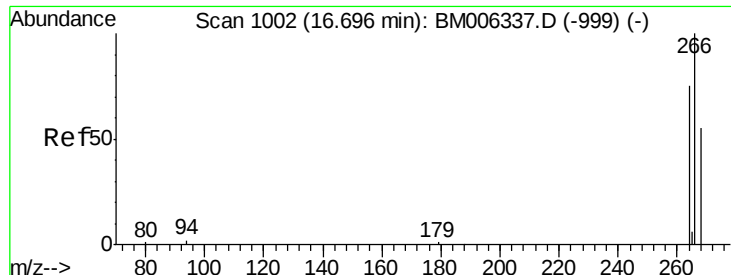
Ion Ratio Lower Upper

166 100

165 104.0 69.6 104.4

167 12.4 11.9 17.9





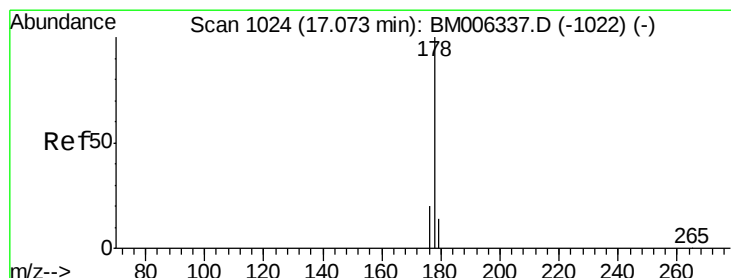
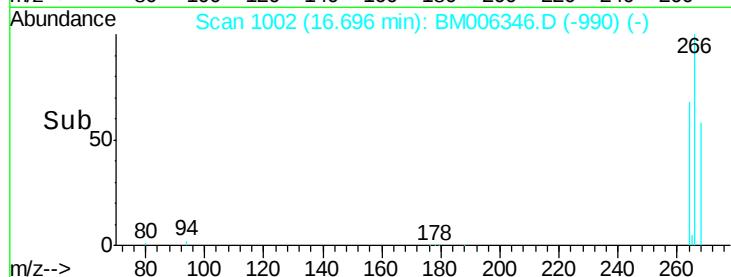
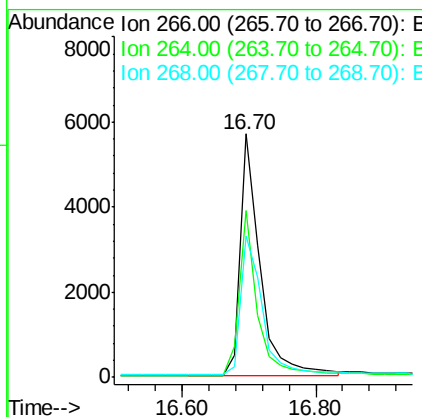
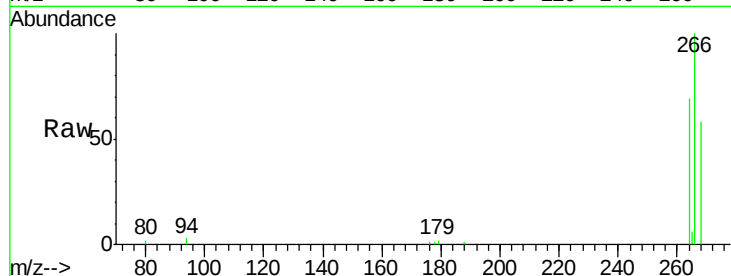
#13
 Pentachlorophenol
 Concen: 2.90 ng/ul
 RT: 16.70 min Scan# 1002
 Delta R.T. -0.00 min
 Lab File: BM006346.D
 Acq: 08 Jul 2016 12:20

Instrument :
 BNA_M
 ClientSampleId :
 A4TT3

Tot Ion	Ratio	Lower	Upper
266	100		
264	63.2	51.8	77.8
268	63.5	46.8	70.2

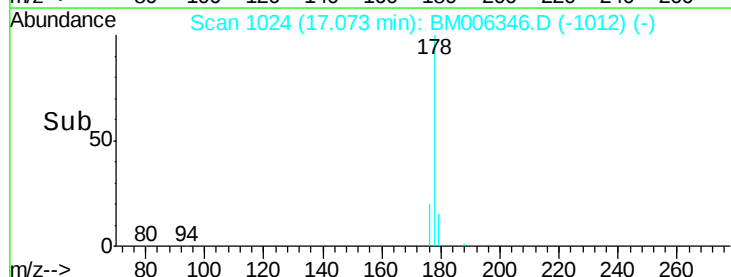
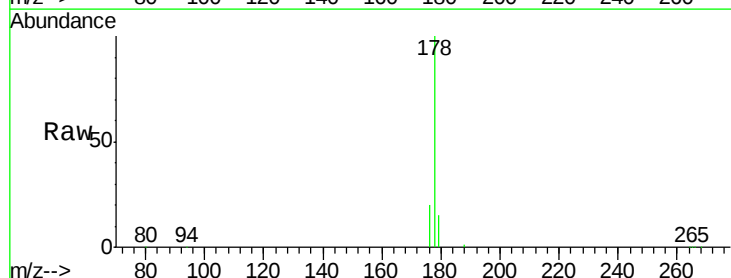
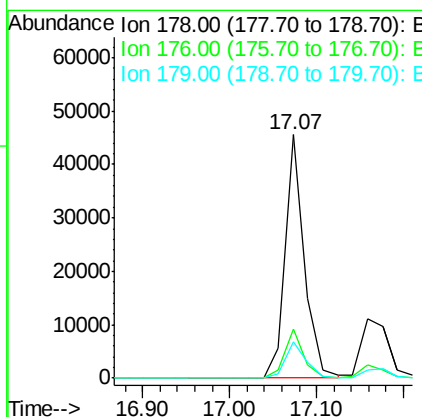
Manual Integrations

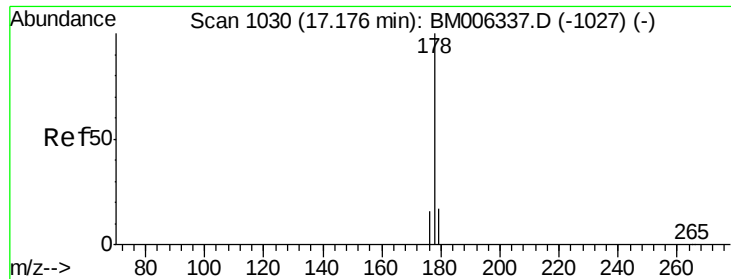
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#14
 Phenanthrene
 Concen: 0.98 ng/ul
 RT: 17.07 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BM006346.D
 Acq: 08 Jul 2016 12:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	13.0	19.4#
179	14.6	14.2	21.2





#15

Anthracene

Concen: 0.37 ng/ul m

RT: 17.16 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BM006346.D

Acq: 08 Jul 2016 12:20

Instrument :

BNA_M

ClientSampleId :

A4TT3

Tot Ion:178 Resp: 24411

Ion Ratio Lower Upper

178 100

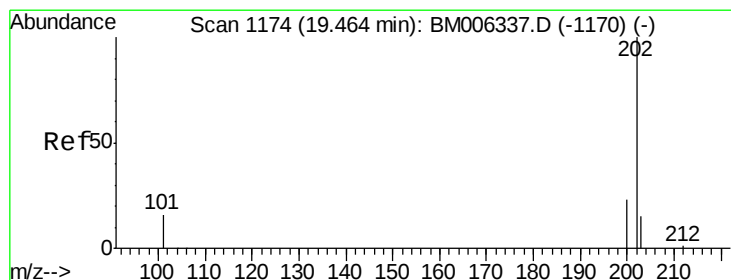
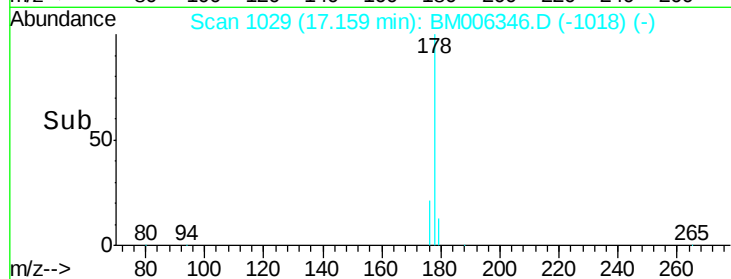
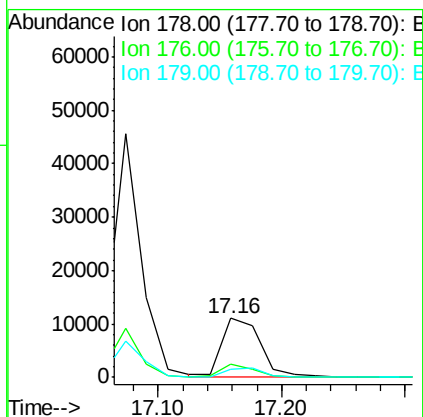
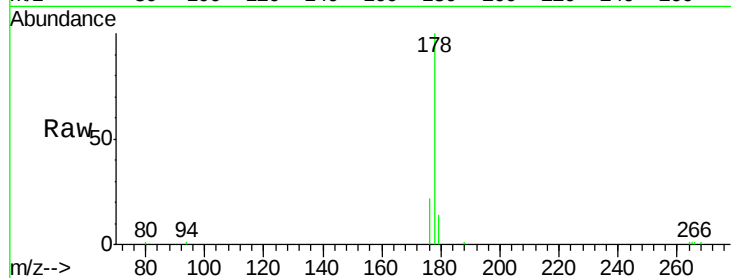
176 21.9 14.0 21.0#

179 13.9 12.9 19.3

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#19

Pyrene

Concen: 1.46 ng/ul

RT: 19.48 min Scan# 1175

Delta R.T. 0.01 min

Lab File: BM006346.D

Acq: 08 Jul 2016 12:20

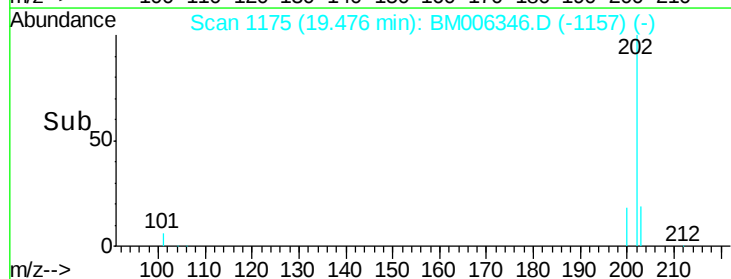
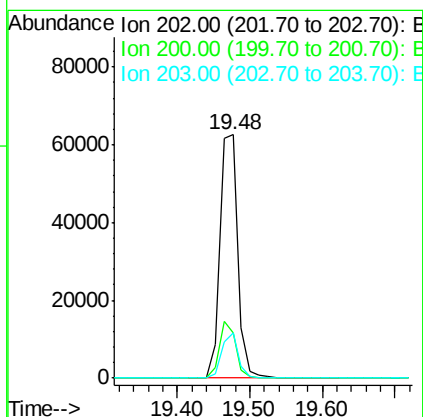
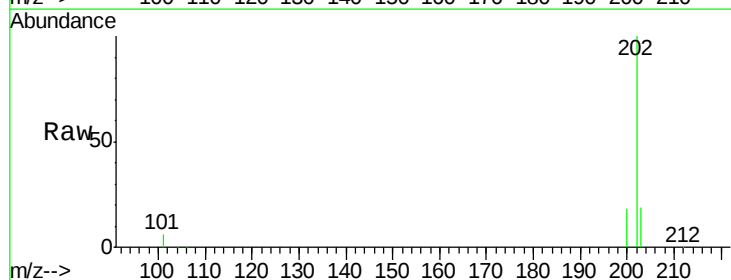
Tgt Ion:202 Resp: 108206

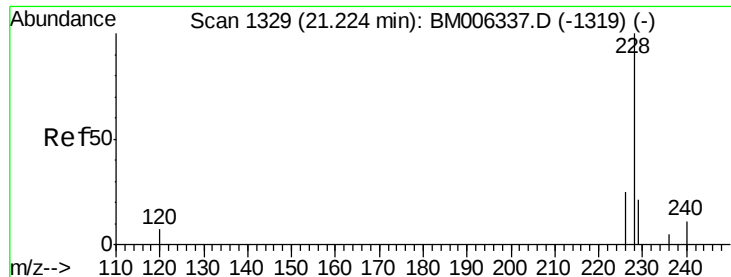
Ion Ratio Lower Upper

202 100

200 18.4 17.8 26.8

203 18.8 12.8 19.2





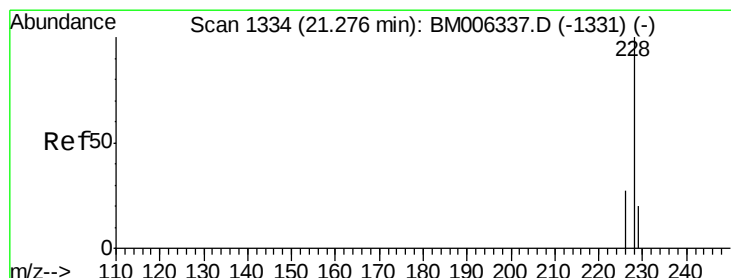
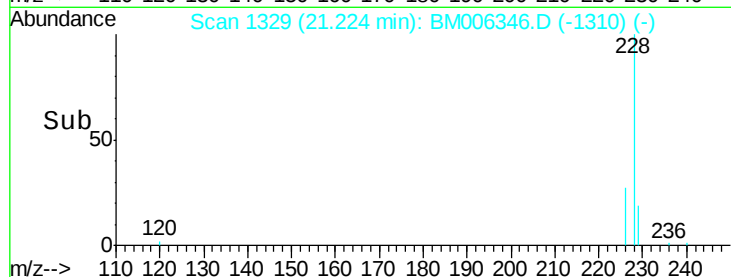
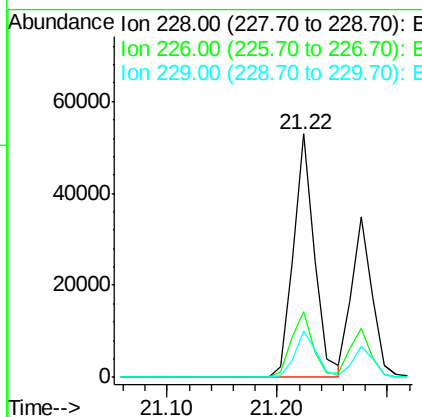
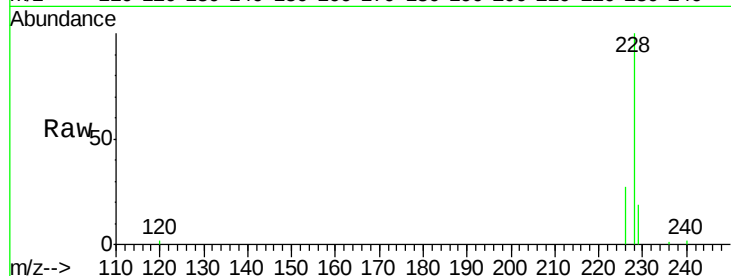
#20
Benzo(a)anthracene
Concen: 1.21 ng/ul
RT: 21.22 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BM006346.D
Acq: 08 Jul 2016 12:20

Instrument :
BNA_M
ClientSampleId :
A4TT3

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.0	18.8	28.2
229	19.1	17.1	25.7

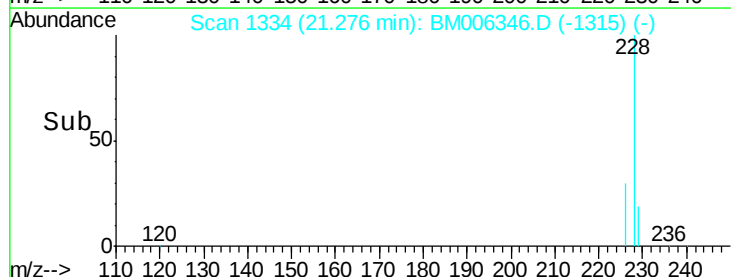
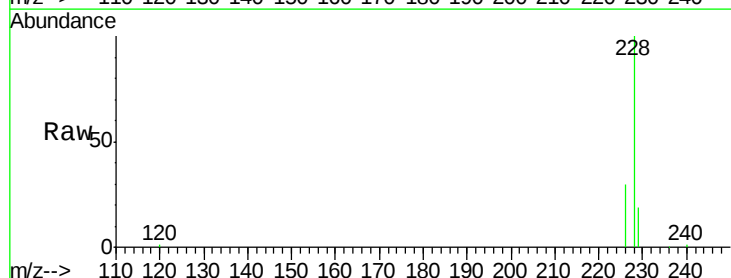
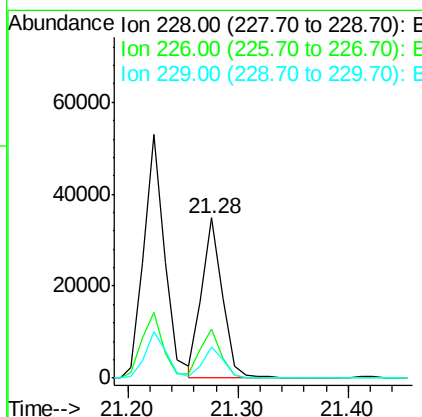
Manual Integrations

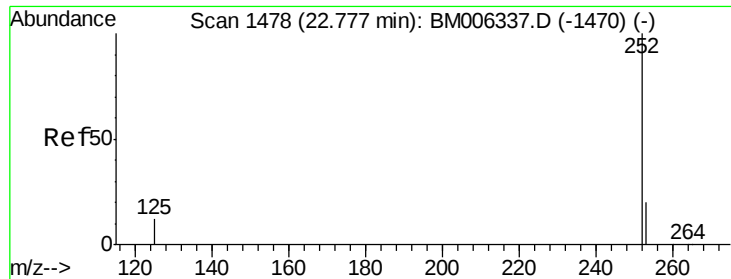
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#21
Chrysene
Concen: 0.80 ng/ul
RT: 21.28 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BM006346.D
Acq: 08 Jul 2016 12:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	21.2	31.8
229	19.4	17.0	25.6





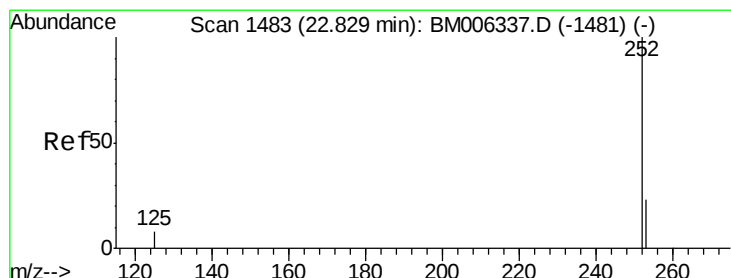
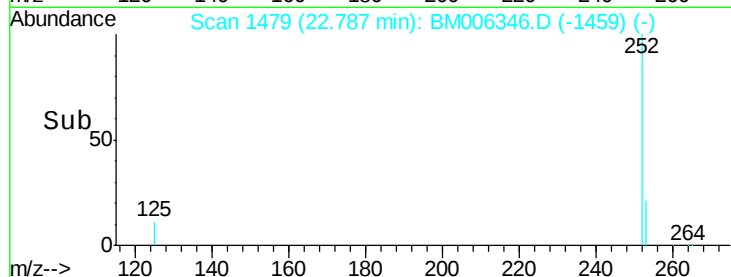
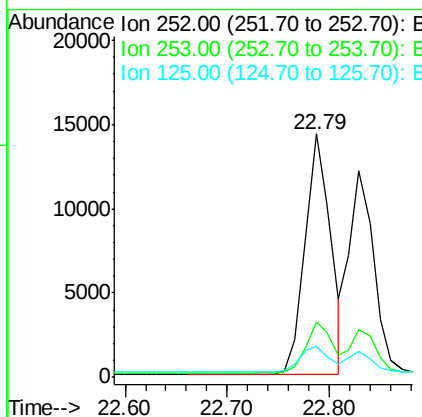
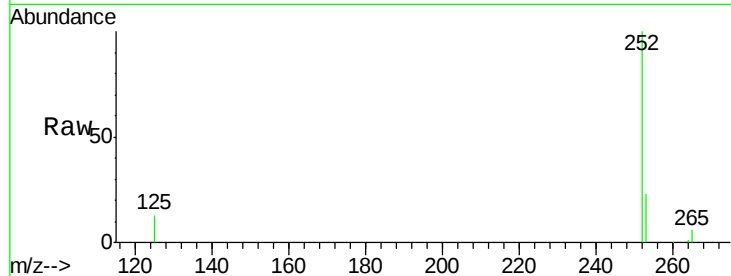
#23
Benzo(b)fluoranthene
Concen: 0.45 ng/ul
RT: 22.79 min Scan# 1479
Delta R.T. 0.01 min
Lab File: BM006346.D
Acq: 08 Jul 2016 12:20

Instrument :
BNA_M
ClientSampleId :
A4TT3

Tot Ion	Ratio	Resp	Lower	Upper
252	100	24831		
253	22.9	0.0	45.4	
125	13.0	0.0	28.8	

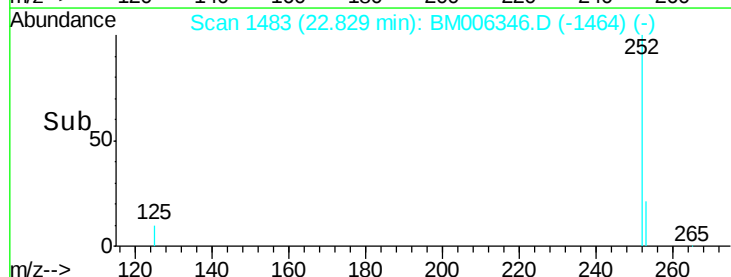
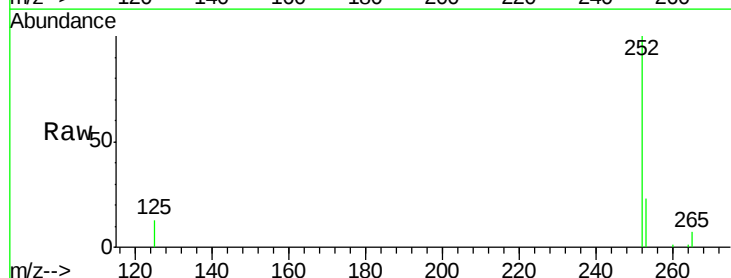
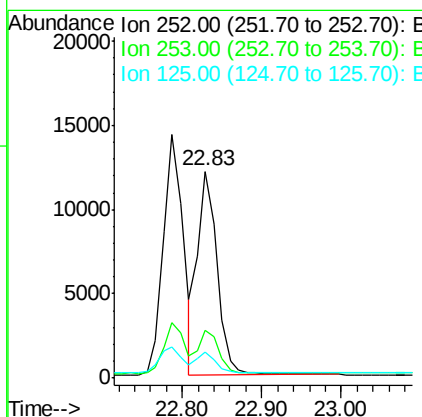
Manual Integrations

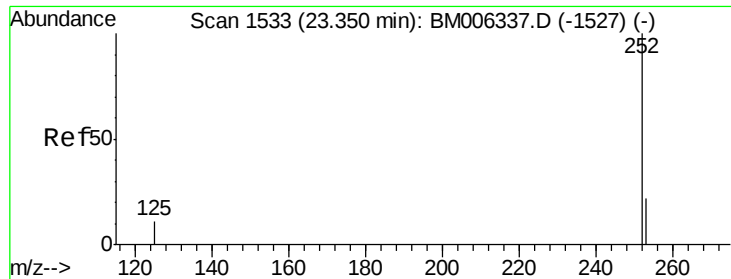
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#24
Benzo(k)fluoranthene
Concen: 0.40 ng/ul
RT: 22.83 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BM006346.D
Acq: 08 Jul 2016 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	20520		
253	22.9	19.8	29.8	
125	12.7	10.4	15.6	





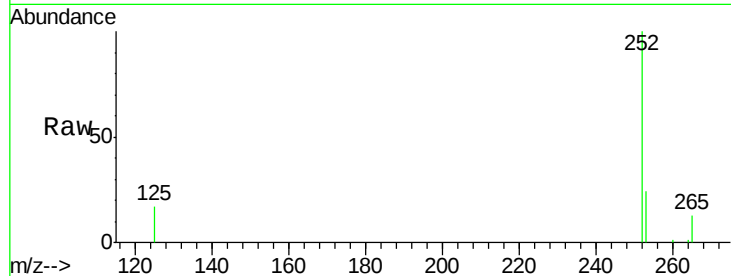
#25
Benzo(a)pyrene
Concen: 0.27 ng/ul
RT: 23.35 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BM006346.D
Acq: 08 Jul 2016 12:20

Instrument :
BNA_M
ClientSampleId :
A4TT3

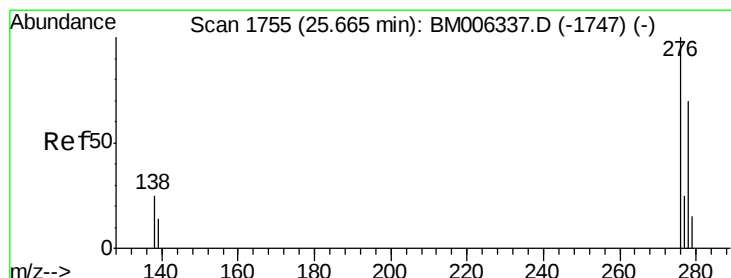
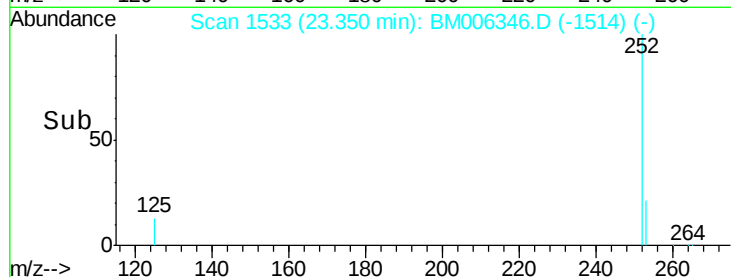
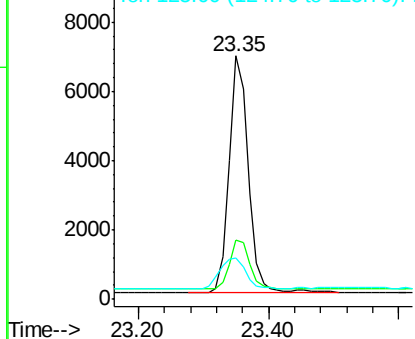
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.4	29.2
125	16.9	12.7	19.1

Manual Integrations

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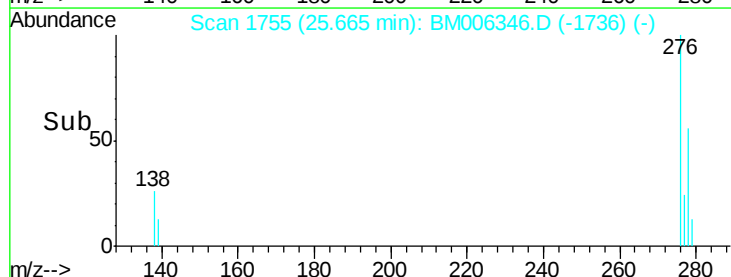
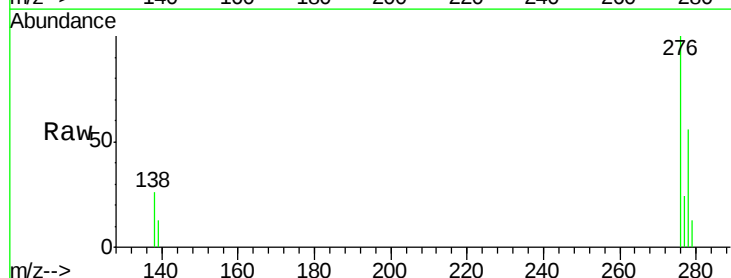
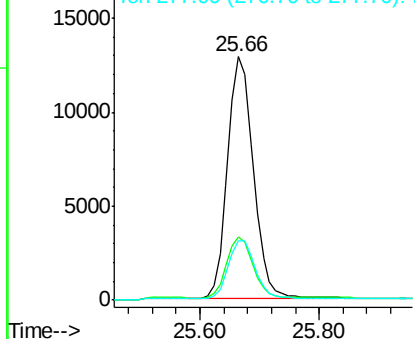
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

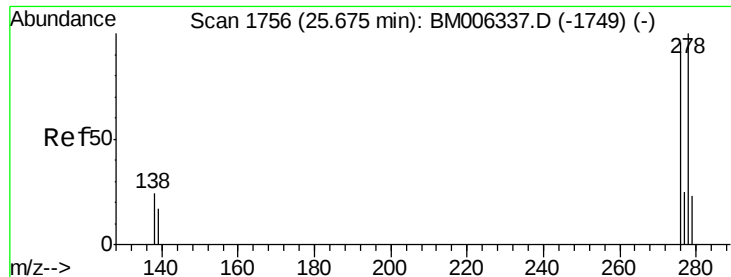


#26
Indeno(1,2,3-cd)pyrene
Concen: 0.68 ng/ul
RT: 25.66 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BM006346.D
Acq: 08 Jul 2016 12:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.9	16.3	24.5#
277	25.6	19.8	29.8

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





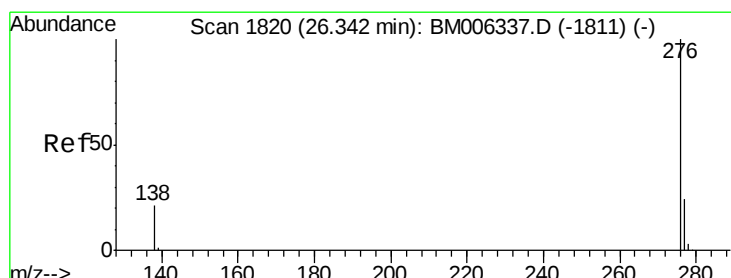
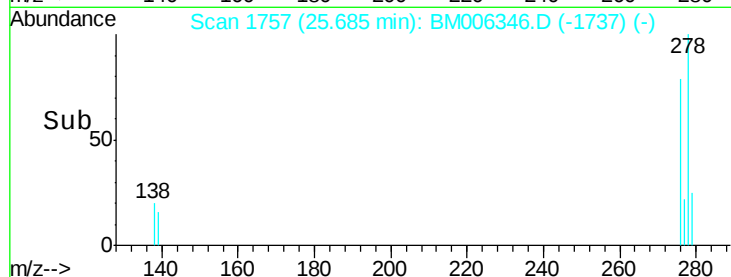
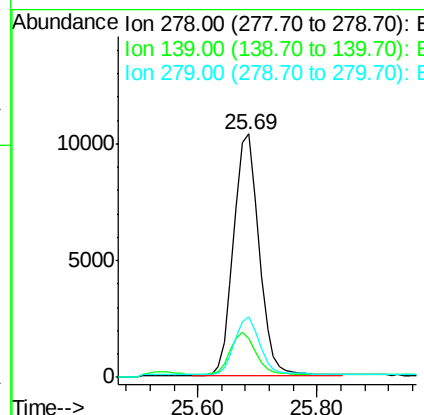
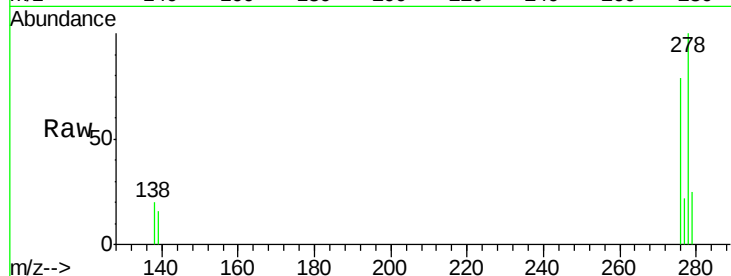
#27
Dibenzo(a,h)anthracene
Concen: 0.69 ng/ul
RT: 25.69 min Scan# 1757
Delta R.T. 0.01 min
Lab File: BM006346.D
Acq: 08 Jul 2016 12:20

Instrument :
BNA_M
ClientSampled :
A4TT3

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.2	16.4	24.6#
279	24.8	20.2	30.2

Manual Integrations

umangi
7/8/2016 7:19:58 PM



#28
Benzo(g,h,i)perylene
Concen: 1.07 ng/ul
RT: 26.34 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BM006346.D
Acq: 08 Jul 2016 12:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	22.2	22.5	33.7#

