

Data Path : Z:\HPCHEM1\BNA M\DATA\BM070816\
 Data File : BM006339.D
 Acq On : 08 Jul 2016 03:43
 Operator : UM/SJ
 Sample : H3811-15DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4TW3DL

Manual Integrations

umangi
 7/8/2016 7:14:23 PM

Quant Time: Jul 08 08:35:21 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	4722	0.40	ng/ul	0.00
4) Naphthalene-d8	10.43	136	18840	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.28	164	11098	0.40	ng/ul	-0.02
12) Phenanthrene-d10	17.04	188	25977	0.40	ng/ul	0.00
18) Chrysene-d12	21.23	240	17984	0.40	ng/ul	-0.01
22) Perylene-d12	23.44	264	15080	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	1978	0.99	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.02	152	1488	0.07	ng/ul	0.00
16) Fluoranthene-d10	19.08	212	5399	0.10	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.46	128	2330	0.05	ng/ul#	86
7) 2-Methylnaphthalene	12.09	142	1135	0.04	ng/ul	99
9) Acenaphthylene	14.01	152	14161	0.38	ng/ul#	92
10) Acenaphthene	14.35	153	1354	0.04	ng/ul#	89
11) Fluorene	15.34	166	5289m	0.13	ng/ul	
14) Phenanthrene	17.07	178	93853	1.31	ng/ul#	93
15) Anthracene	17.16	178	20899m	0.31	ng/ul	
17) Fluoranthene	19.10	202	176739	2.23	ng/ul	98
19) Pyrene	19.46	202	223961	2.97	ng/ul	99
20) Benzo(a)anthracene	21.22	228	98539	1.69	ng/ul#	89
21) Chrysene	21.27	228	94057	1.65	ng/ul#	89
23) Benzo(b)fluoranthene	22.79	252	69002m	1.28	ng/ul	
24) Benzo(k)fluoranthene	22.81	252	25498m	0.51	ng/ul	
25) Benzo(a)pyrene	23.35	252	59454m	1.18	ng/ul	
26) Indeno(1,2,3-cd)pyrene	25.65	276	31406	0.56	ng/ul#	95
27) Dibenzo(a,h)anthracene	25.66	278	9554m	0.22	ng/ul	
28) Benzo(g,h,i)perylene	26.33	276	28793	0.61	ng/ul	96

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

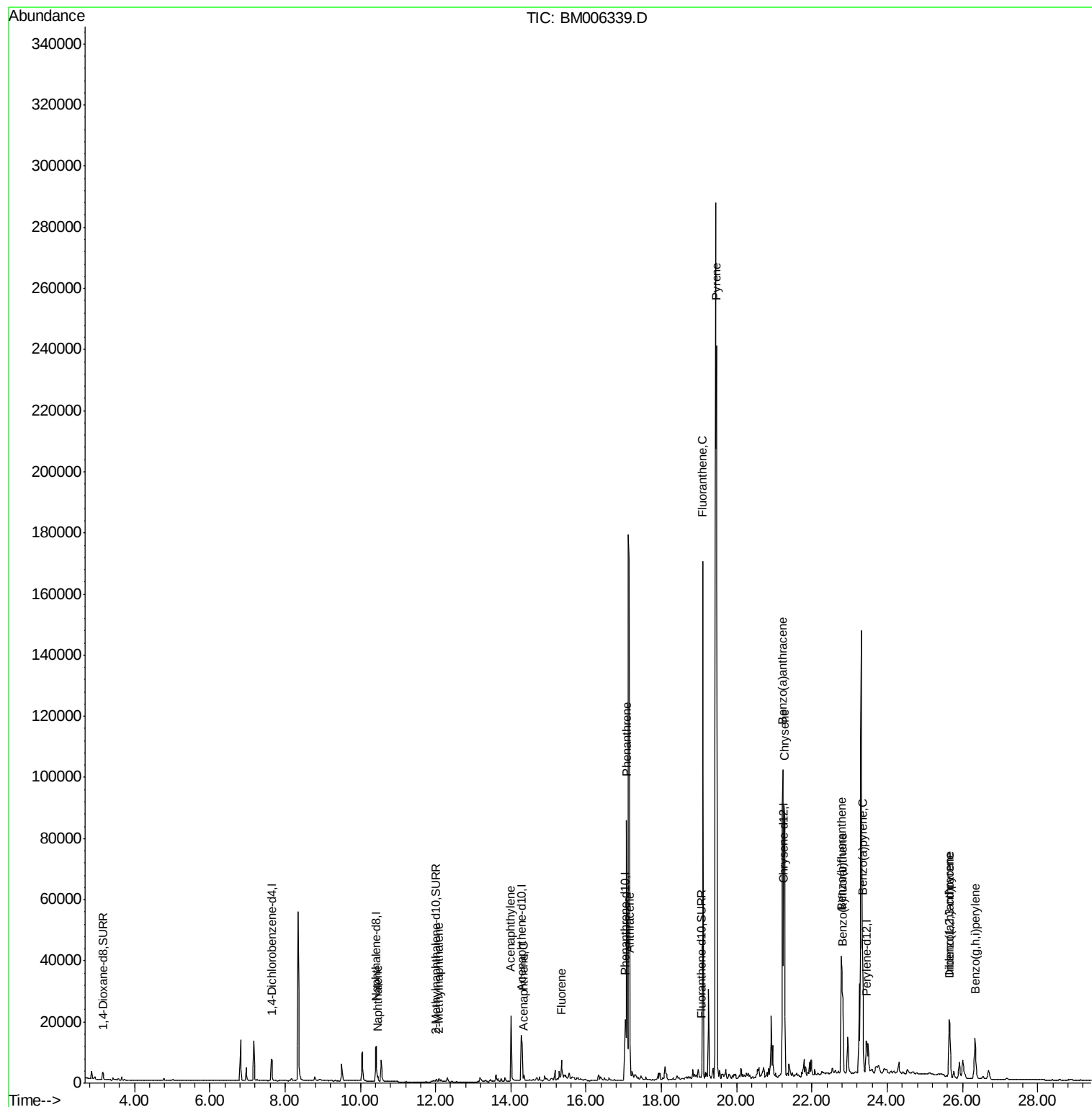
Data Path : Z:\HPCHEM1\BNA M\DATA\BM070816\
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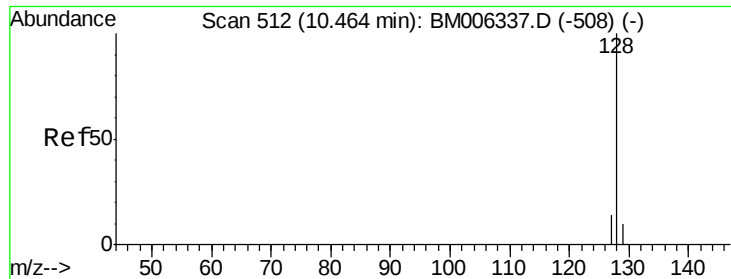
Instrument :
BNA_M
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Quant Time: Jul 08 08:35:21 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM070716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 08:04:54 2016
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.05 ng/ul

RT: 10.46 min Scan# 512

Delta R.T. -0.00 min

Lab File: BM006339.D

Acq: 08 Jul 2016 03:43

Instrument :

BNA_M

ClientSampleId :

A4TW3DL

Tot Ion:128 Resp: 2330

Ion Ratio Lower Upper

128 100

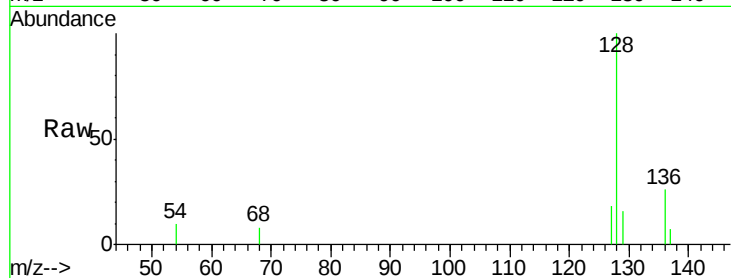
129 16.4 9.0 13.6#

127 17.7 9.6 14.4#

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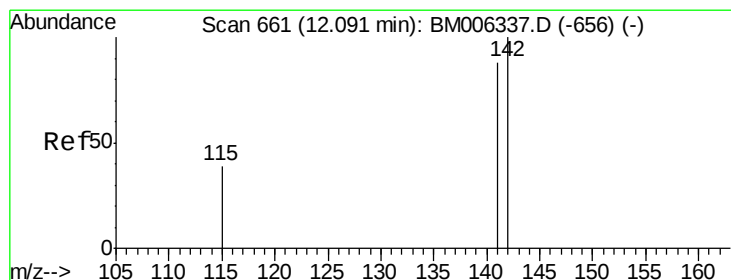
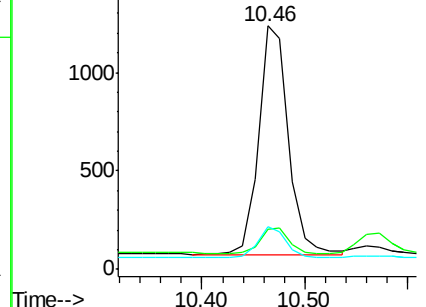
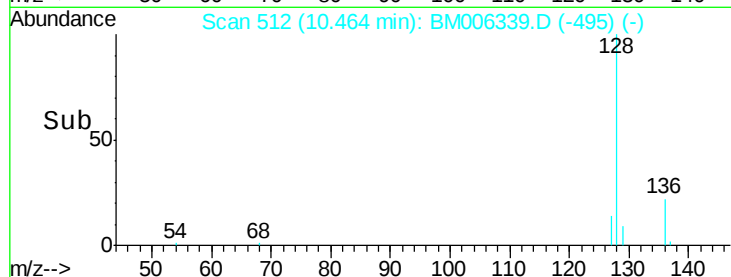
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#7

2-Methylnaphthalene

Concen: 0.04 ng/ul

RT: 12.09 min Scan# 661

Delta R.T. -0.00 min

Lab File: BM006339.D

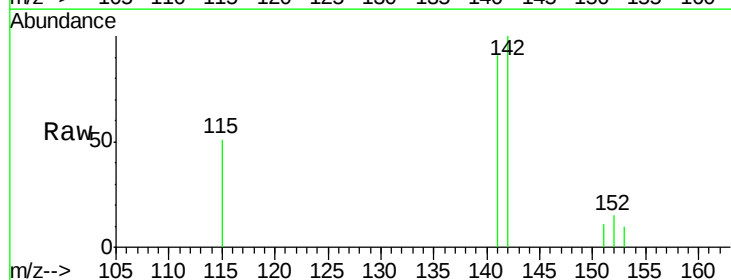
Acq: 08 Jul 2016 03:43

Tgt Ion:142 Resp: 1135

Ion Ratio Lower Upper

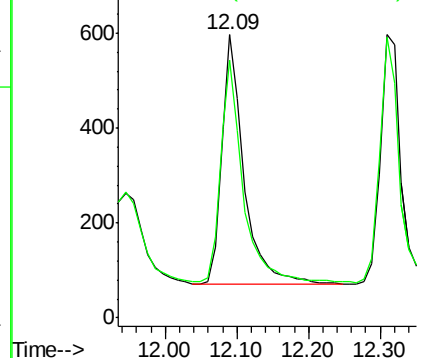
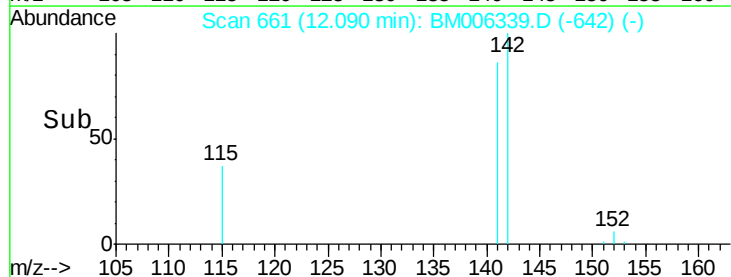
142 100

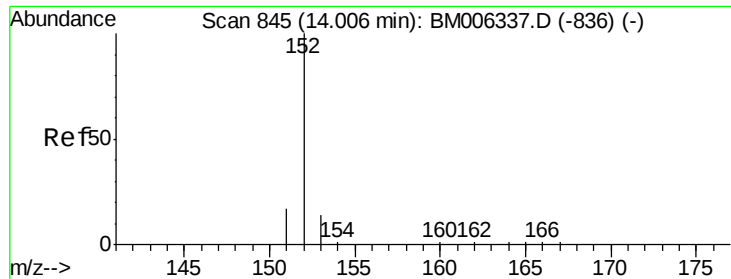
141 88.4 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.38 ng/ul

RT: 14.01 min Scan# 845

Delta R.T. -0.00 min

Lab File: BM006339.D

Acq: 08 Jul 2016 03:43

Instrument :

BNA_M

ClientSampleId :

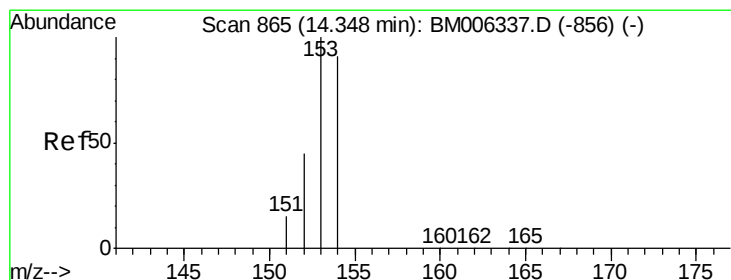
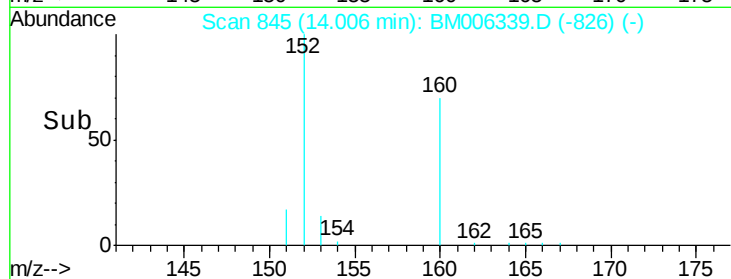
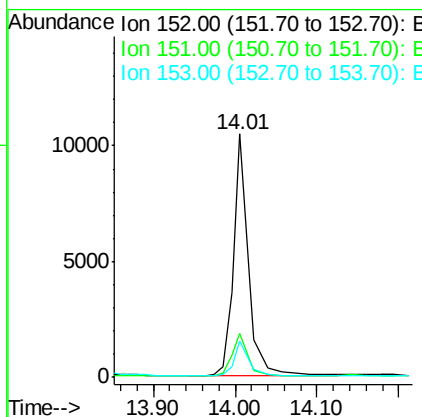
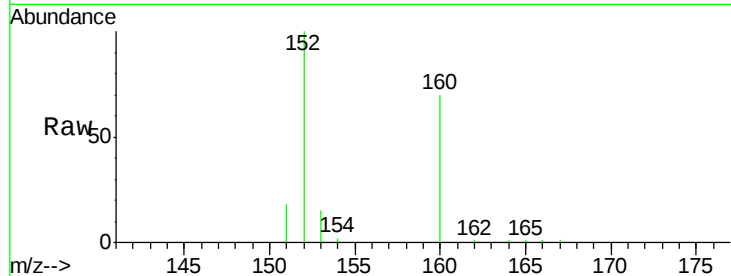
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Tot Ion:	152	Resp:	14161
Ion Ratio	Lower	Upper	
152	100		
151	18.0	17.6	26.4
153	14.9	9.7	14.5#

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#10

Acenaphthene

Concen: 0.04 ng/ul

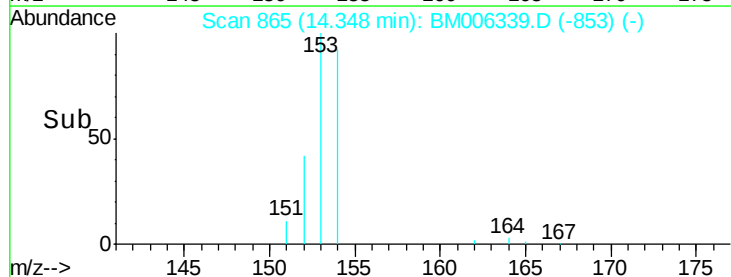
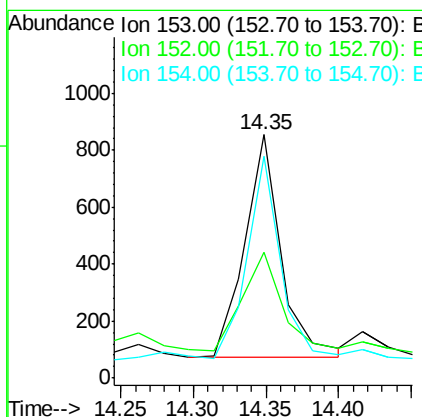
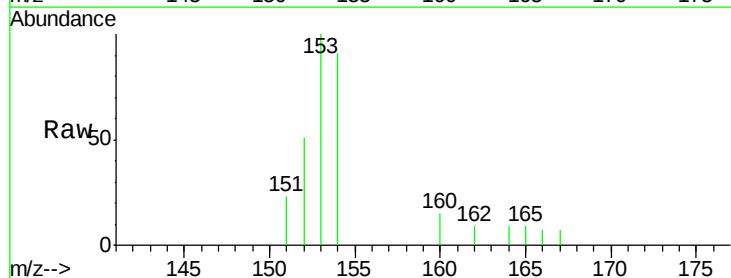
RT: 14.35 min Scan# 865

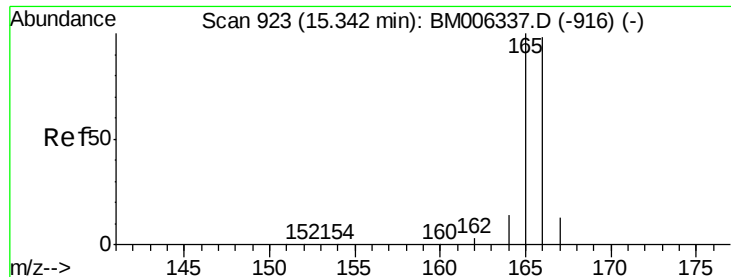
Delta R.T. -0.00 min

Lab File: BM006339.D

Acq: 08 Jul 2016 03:43

Tgt Ion:	153	Resp:	1354
Ion Ratio	Lower	Upper	
153	100		
152	51.5	33.9	50.9#
154	91.0	80.6	121.0





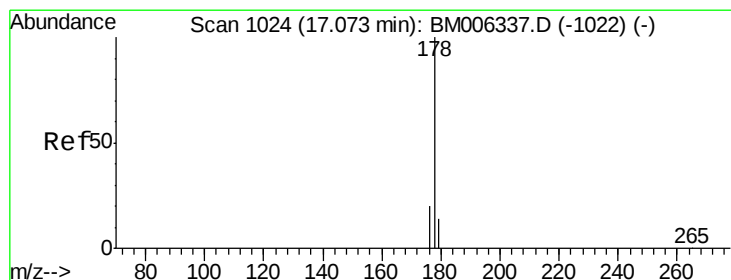
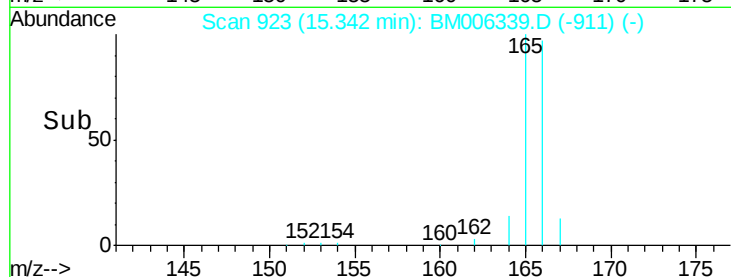
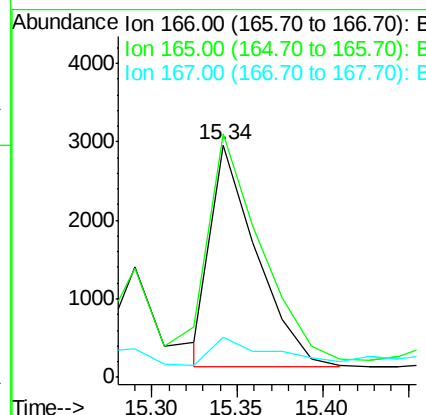
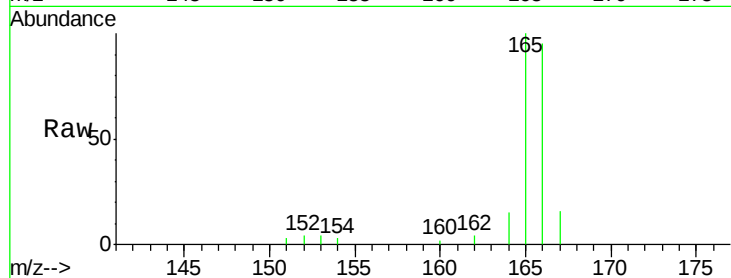
#11
Fluorene
 Concen: 0.13 ng/ul m
 RT: 15.34 min Scan# 923
 Delta R.T. -0.00 min
 Lab File: BM006339.D
 Acq: 08 Jul 2016 03:43

Instrument :
 BNA_M
 ClientSampleId :
 A4TW3DL

Tot Ion:166 Resp: 5289
 Ion Ratio Lower Upper
 166 100
 165 104.7 69.6 104.4#
 167 17.1 11.9 17.9

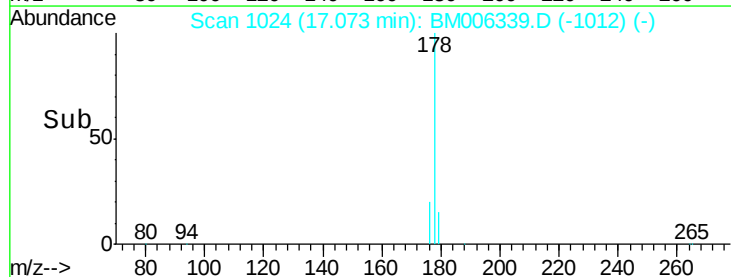
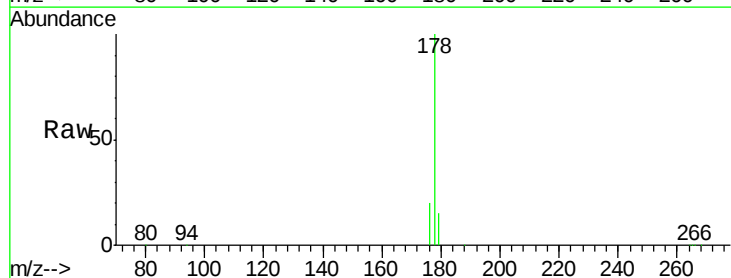
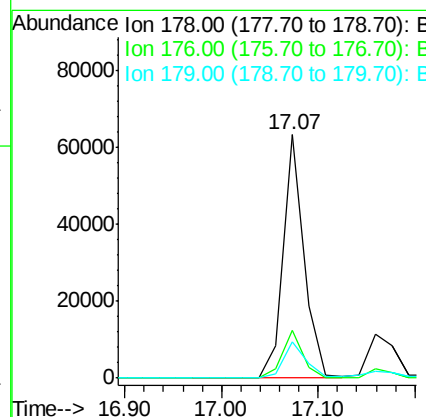
Manual Integrations

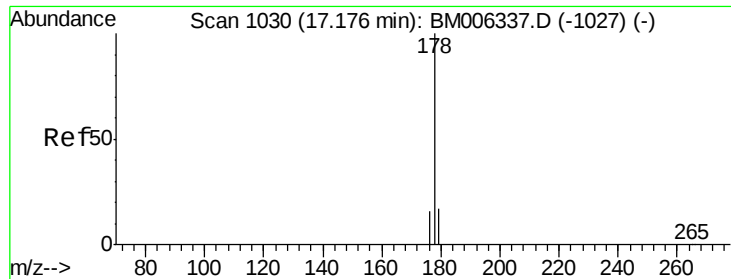
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#14
Phenanthrene
 Concen: 1.31 ng/ul
 RT: 17.07 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BM006339.D
 Acq: 08 Jul 2016 03:43

Tgt Ion:178 Resp: 93853
 Ion Ratio Lower Upper
 178 100
 176 19.7 13.0 19.4#
 179 14.9 14.2 21.2





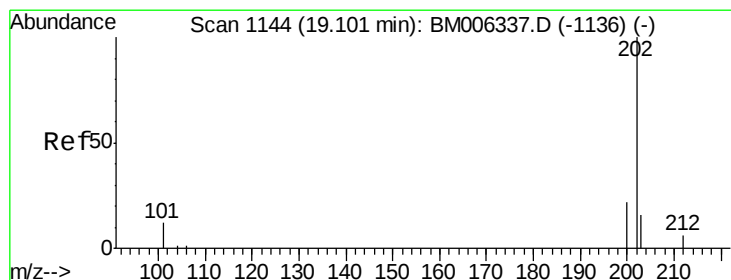
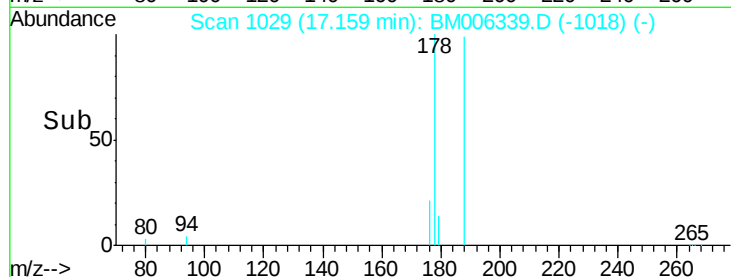
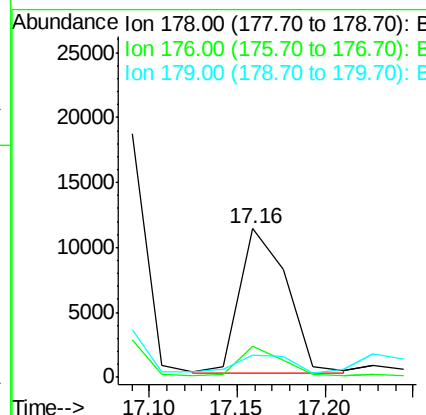
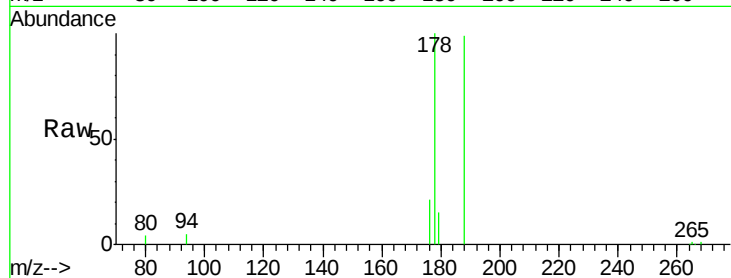
#15
 Anthracene
 Concen: 0.31 ng/ul m
 RT: 17.16 min Scan# 1029
 Delta R.T. -0.02 min
 Lab File: BM006339.D
 Acq: 08 Jul 2016 03:43

Instrument :
 BNA_M
 ClientSampleId :
 A4TW3DL

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	21.2	14.0	21.0	
179	15.0	12.9	19.3	

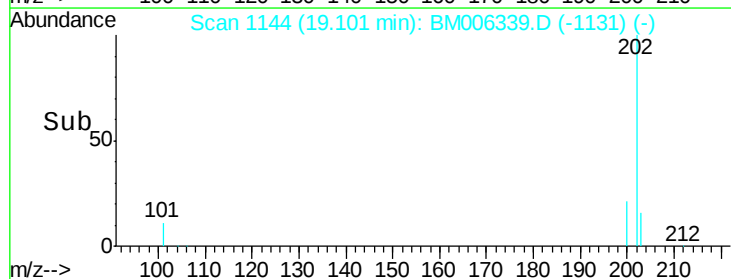
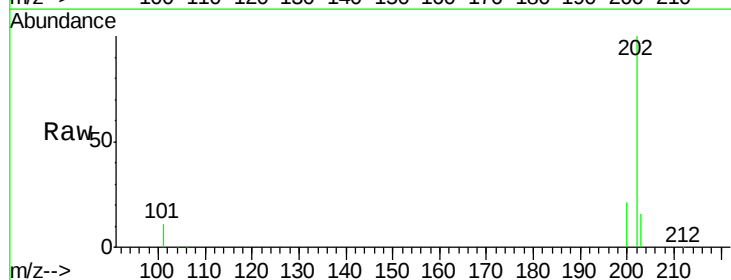
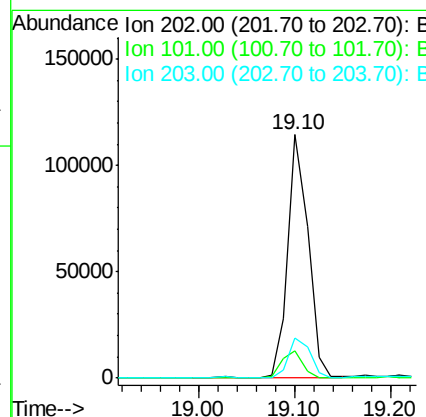
Manual Integrations

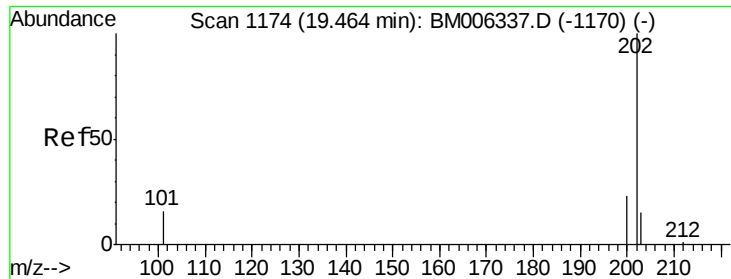
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#17
 Fluoranthene
 Concen: 2.23 ng/ul
 RT: 19.10 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: BM006339.D
 Acq: 08 Jul 2016 03:43

Tgt Ion	Ion	Ratio	Lower	Upper
202	100			
101	11.1	0.0	29.6	
203	16.4	0.0	36.3	





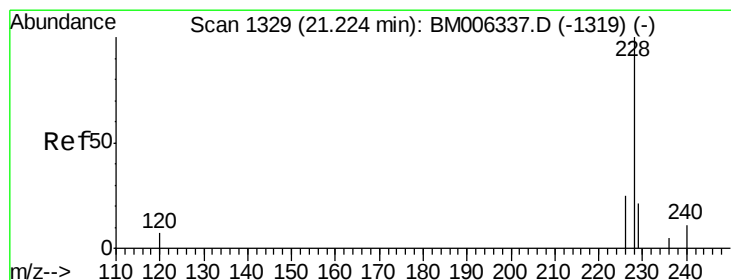
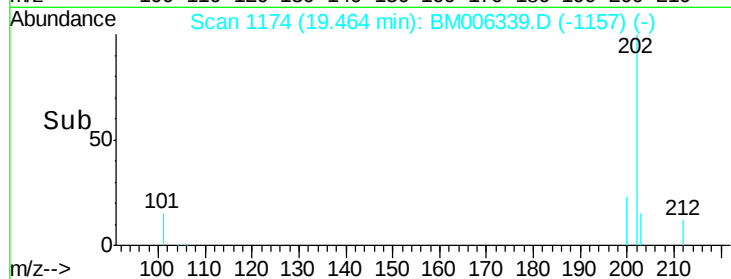
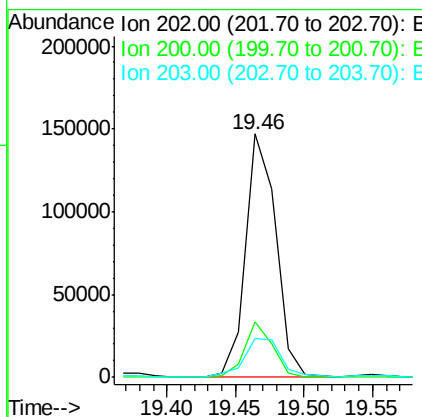
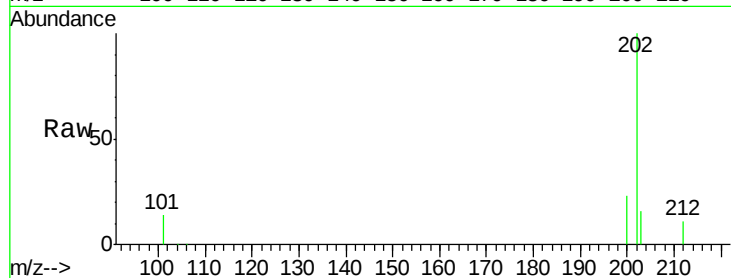
#19
Pvrene
Concen: 2.97 ng/ul
RT: 19.46 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BM006339.D
Acq: 08 Jul 2016 03:43

Instrument :
BNA_M
ClientSampleId :
A4TW3DL

Tot Ion:202	Resp:	223961
Ion Ratio	Lower	Upper
202	100	
200	22.7	17.8 26.8
203	15.9	12.8 19.2

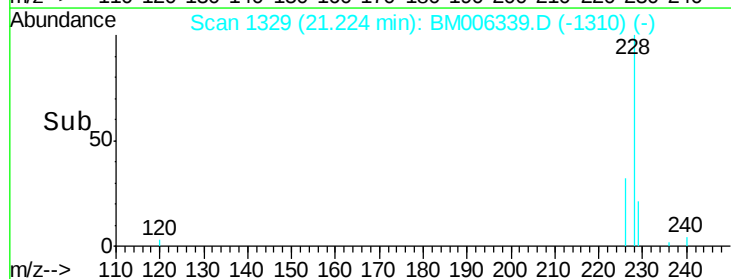
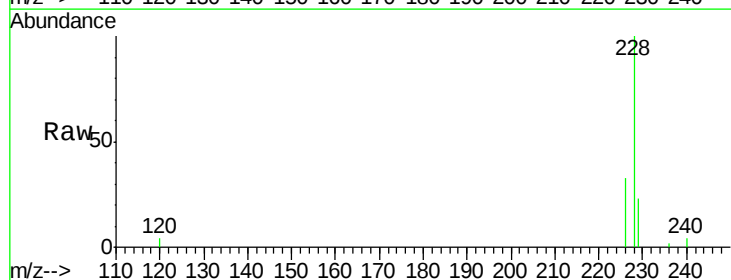
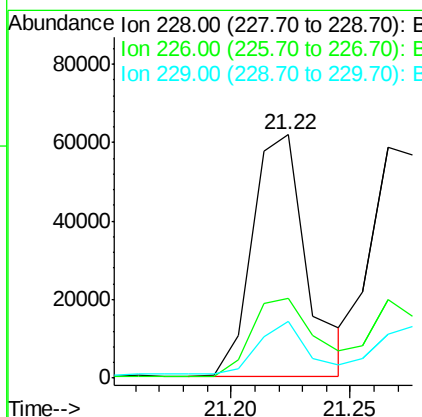
Manual Integrations

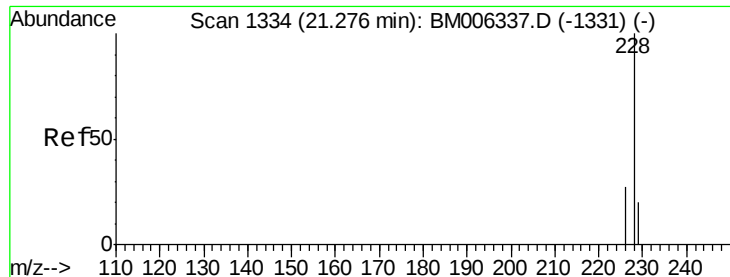
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#20
Benzo(a)anthracene
Concen: 1.69 ng/ul
RT: 21.22 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BM006339.D
Acq: 08 Jul 2016 03:43

Tgt Ion:228	Resp:	98539
Ion Ratio	Lower	Upper
228	100	
226	32.7	18.8 28.2#
229	23.1	17.1 25.7





#21

Chrysene

Concen: 1.65 ng/ul

RT: 21.27 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BM006339.D

Acq: 08 Jul 2016 03:43

Instrument :

BNA_M

ClientSampleId :

A4TW3DL

Tot Ion:228 Resp: 94057

Ion Ratio Lower Upper

228 100

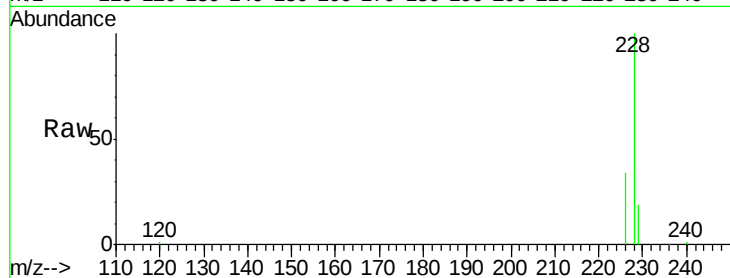
226 34.4 21.2 31.8#

229 19.0 17.0 25.6

Manual Integrations

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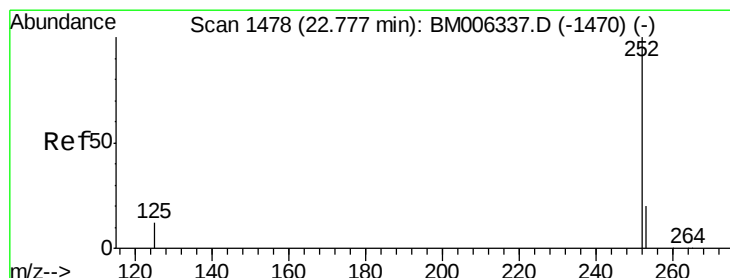
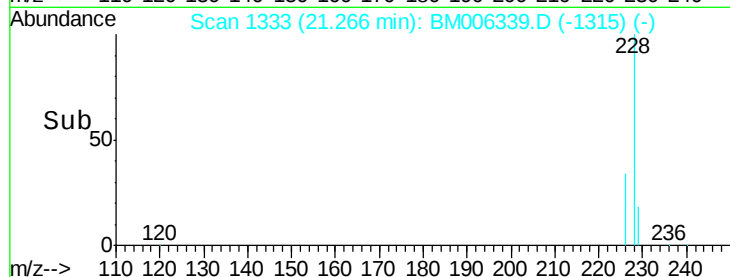
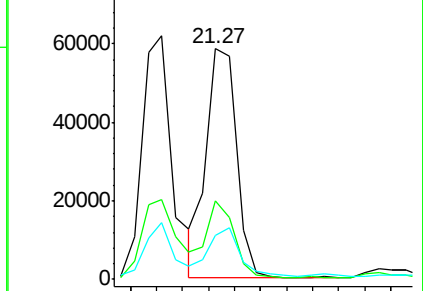
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#23

Benzo(b)fluoranthene

Concen: 1.28 ng/ul m

RT: 22.79 min Scan# 1479

Delta R.T. 0.01 min

Lab File: BM006339.D

Acq: 08 Jul 2016 03:43

Tgt Ion:252 Resp: 69002

Ion Ratio Lower Upper

252 100

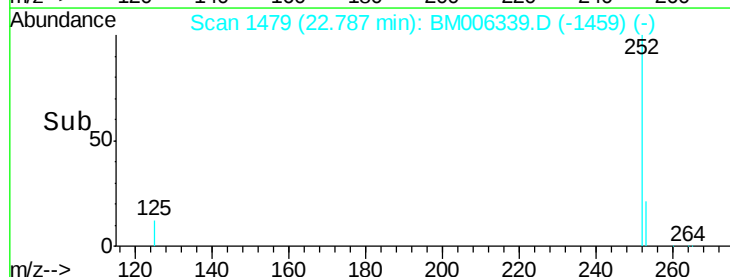
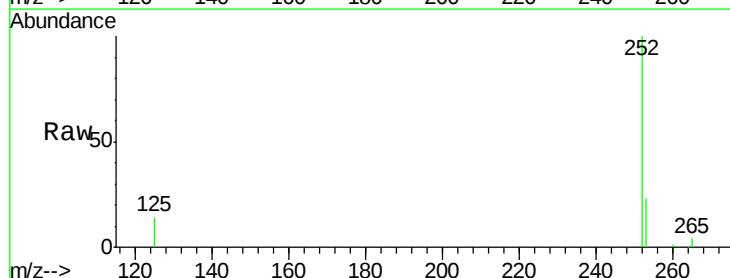
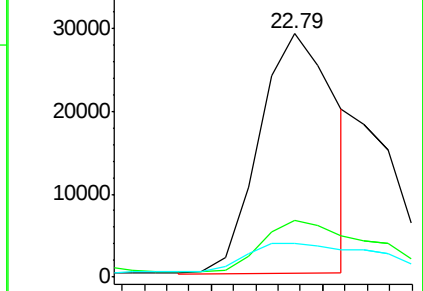
253 23.3 0.0 45.4

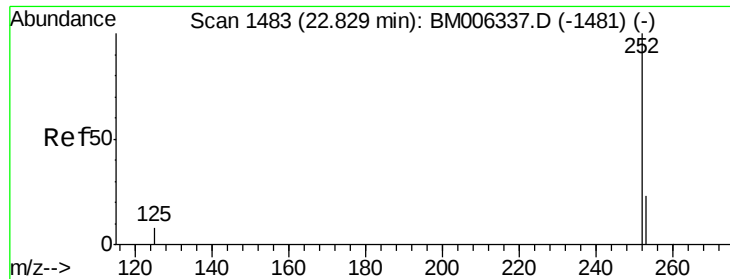
125 13.9 0.0 28.8

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





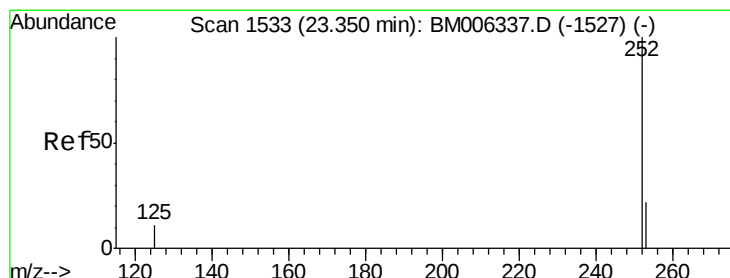
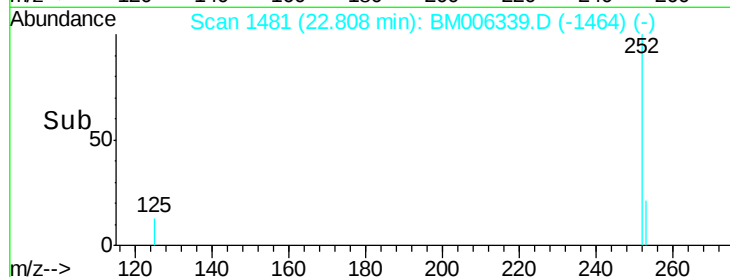
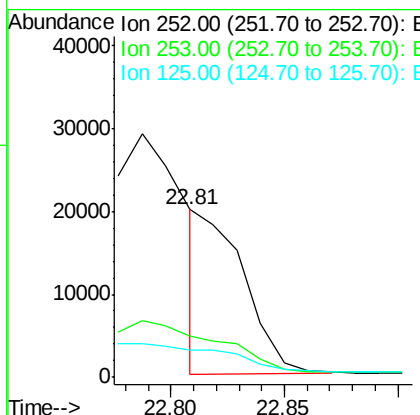
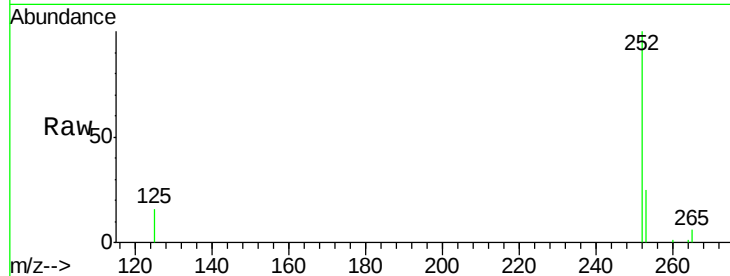
#24
Benzo(k)fluoranthene
Concen: 0.51 ng/ul m
RT: 22.81 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BM006339.D
Acq: 08 Jul 2016 03:43

Instrument :
BNA_M
ClientSampleId :
A4TW3DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.8	29.8
125	16.1	10.4	15.6

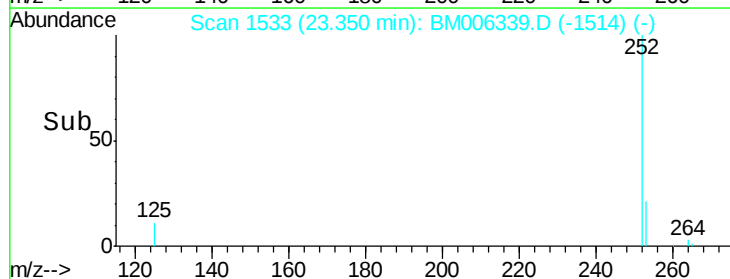
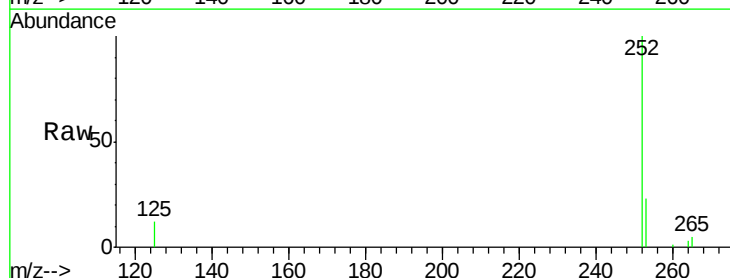
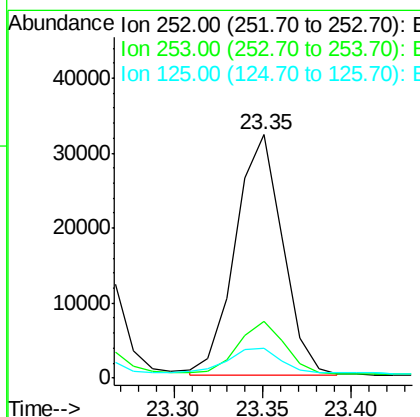
Manual Integrations

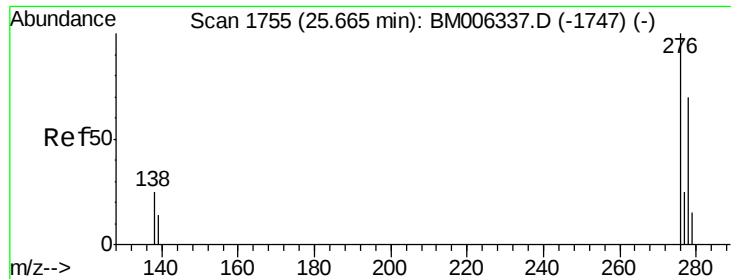
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#25
Benzo(a)pyrene
Concen: 1.18 ng/ul m
RT: 23.35 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BM006339.D
Acq: 08 Jul 2016 03:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.4	29.2
125	12.4	12.7	19.1





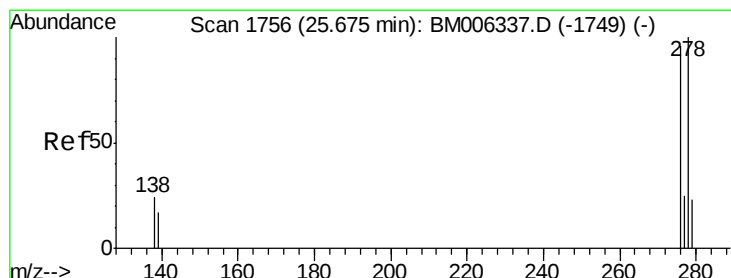
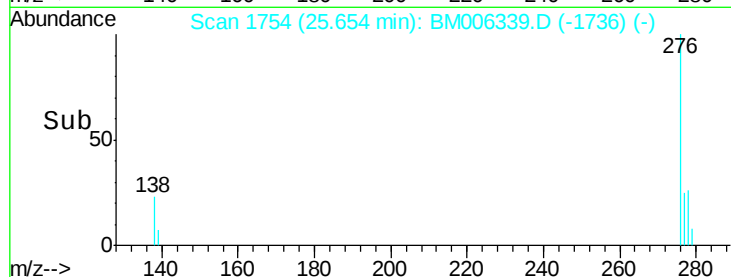
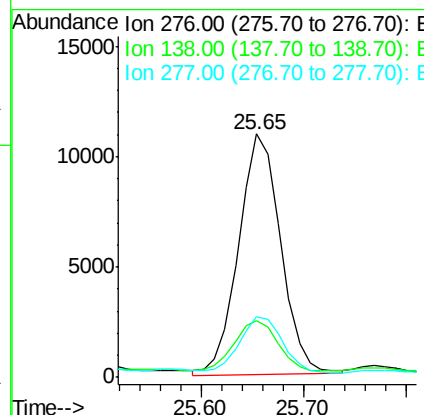
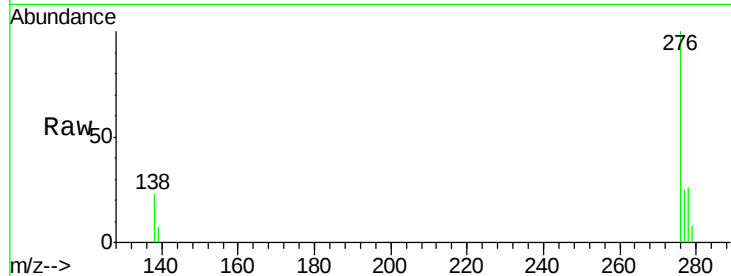
#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.56 ng/ul
 RT: 25.65 min Scan# 1754
 Delta R.T. -0.01 min
 Lab File: BM006339.D
 Acq: 08 Jul 2016 03:43

Instrument :
 BNA_M
 ClientSampleId :
 A4TW3DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.8	16.3	24.5#
277	25.5	19.8	29.8

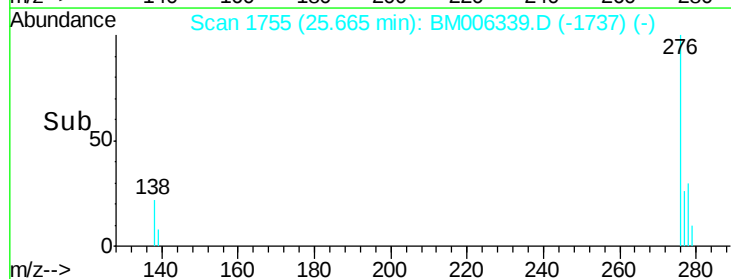
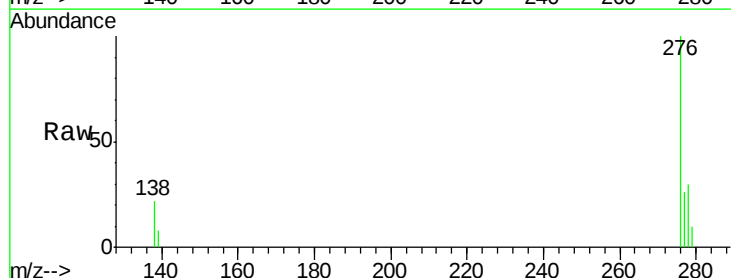
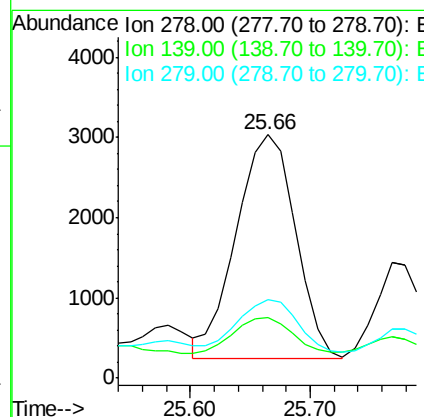
Manual Integrations

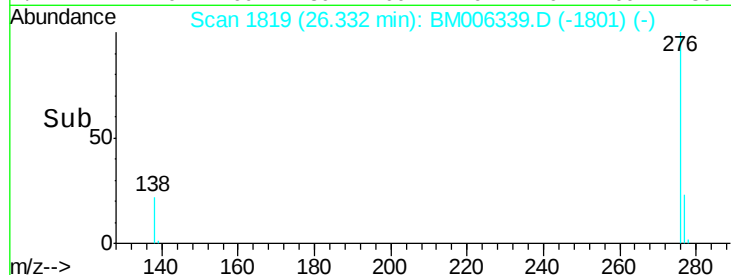
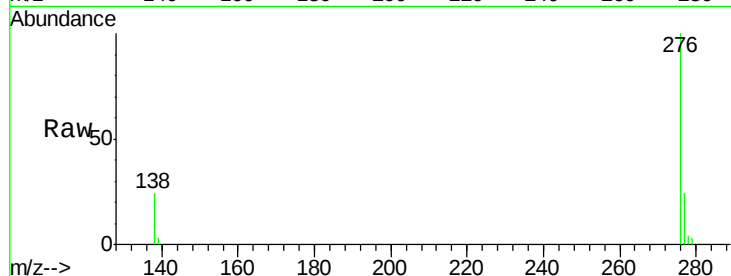
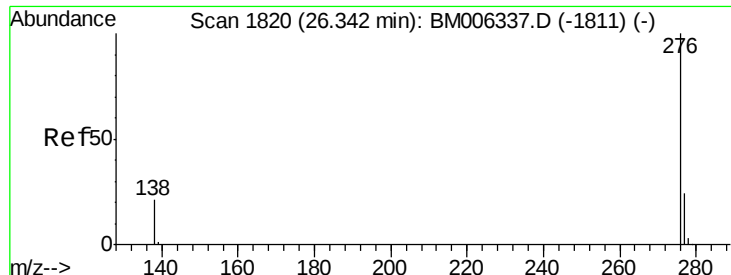
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#27
 Dibenzo(a,h)anthracene
 Concen: 0.22 ng/ul m
 RT: 25.66 min Scan# 1755
 Delta R.T. -0.01 min
 Lab File: BM006339.D
 Acq: 08 Jul 2016 03:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	25.1	16.4	24.6#
279	32.4	20.2	30.2#





#28
Benzo(a,h,i)perylene
Concen: 0.61 ng/ul
RT: 26.33 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BM006339.D
Acq: 08 Jul 2016 03:43

Tot Ion:	276	Resp:	28793
Ion Ratio	Lower	Upper	
276	100		
277	24.4	18.9	28.3
138	24.5	22.5	33.7

Instrument :
BNA_M
ClientSampleId :
A4TW3DL

Manual Integrations

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