

Data Path : Z:\HPCHEM1\BNA M\DATA\BM070816\
 Data File : BM006338.D
 Acq On : 08 Jul 2016 03:07
 Operator : UM/SJ
 Sample : H3811-14DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4TW2DL

Manual Integrations

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Quant Time: Jul 08 08:29:49 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	6737	0.40	ng/ul	0.00
4) Naphthalene-d8	10.43	136	26802	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.30	164	15186	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.04	188	36009	0.40	ng/ul	0.00
18) Chrysene-d12	21.23	240	28344	0.40	ng/ul	-0.01
22) Perylene-d12	23.44	264	25741	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	1623	0.57	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.02	152	1152	0.04	ng/ul	0.00
16) Fluoranthene-d10	19.08	212	3844	0.05	ng/ul	0.00
Target Compounds				Ovalue		
9) Acenaphthylene	14.01	152	9687	0.19	ng/ul#	93
11) Fluorene	15.34	166	2682	0.05	ng/ul#	81
14) Phenanthrene	17.07	178	48988	0.49	ng/ul#	92
15) Anthracene	17.16	178	7043m	0.08	ng/ul	
17) Fluoranthene	19.10	202	105324	0.96	ng/ul	98
19) Pyrene	19.46	202	102555	0.86	ng/ul	99
20) Benzo(a)anthracene	21.22	228	39773	0.43	ng/ul#	86
21) Chrysene	21.27	228	41991	0.47	ng/ul#	91
23) Benzo(b)fluoranthene	22.79	252	49197m	0.53	ng/ul	
24) Benzo(k)fluoranthene	22.81	252	16052m	0.19	ng/ul	
25) Benzo(a)pyrene	23.35	252	34476	0.40	ng/ul	98
26) Indeno(1,2,3-cd)pyrene	25.65	276	27026	0.28	ng/ul#	94
27) Dibenzo(a,h)anthracene	25.66	278	6032m	0.08	ng/ul	
28) Benzo(g,h,i)perylene	26.33	276	23451	0.29	ng/ul	95

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

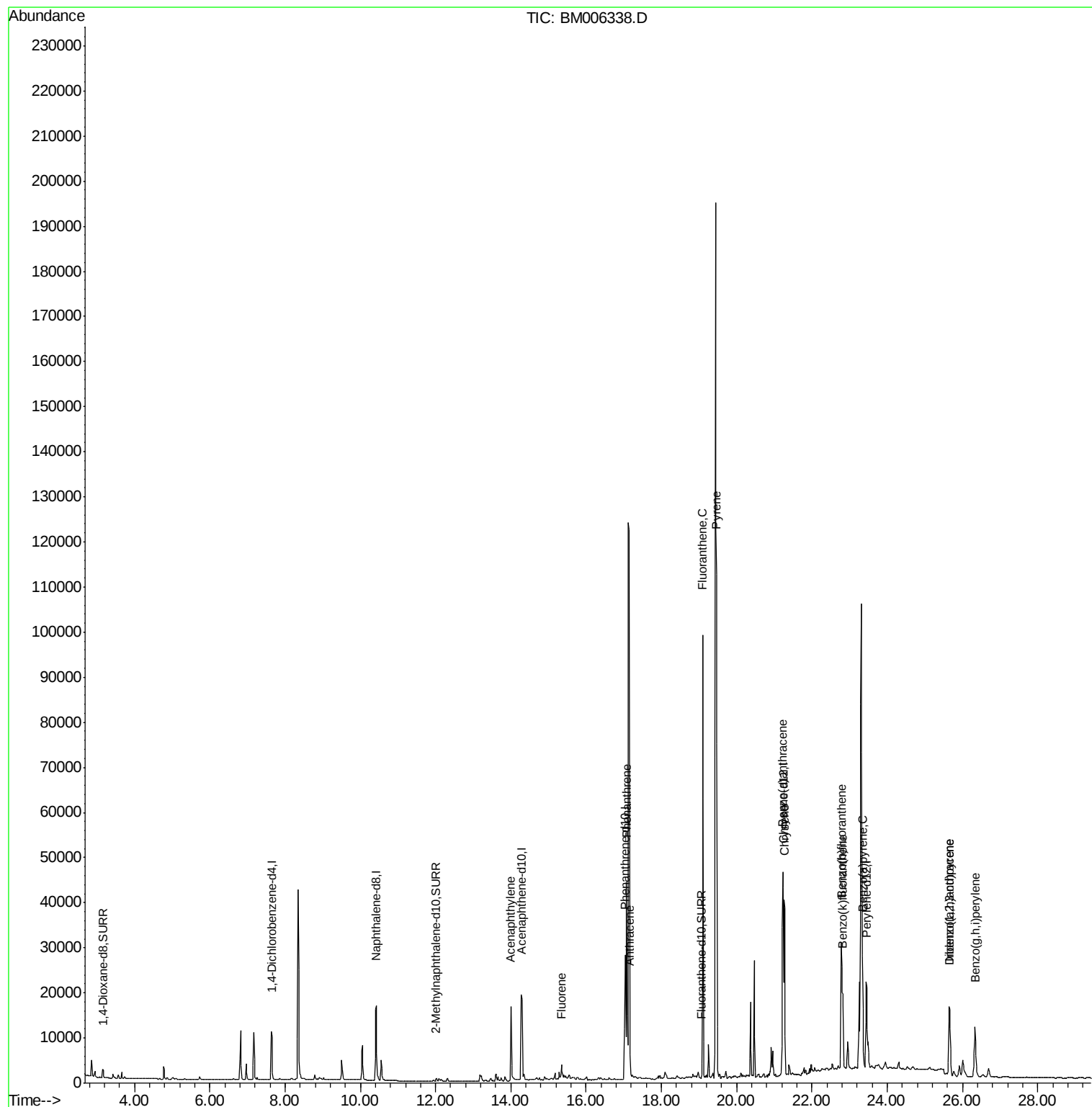
Data Path : Z:\HPCHEM1\BNA M\DATA\BM070816\
Data File : BM006338.D
Acq On : 08 Jul 2016 03:07
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Misc :
ALS Vial : 28 Sample Multiplier: 1

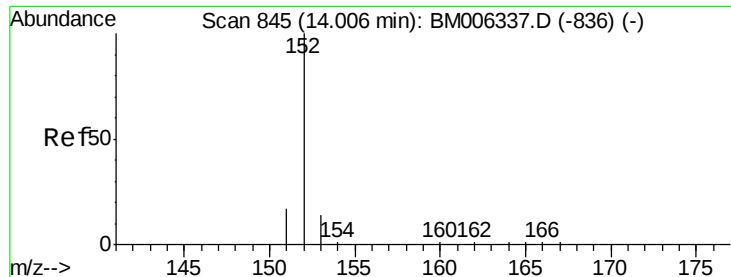
Instrument :
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Quant Time: Jul 08 08:29:49 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM070716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 08:04:54 2016
Response via : Initial Calibration





#9

Acenaphthylene

Concen: 0.19 ng/ul

RT: 14.01 min Scan# 845

Delta R.T. -0.00 min

Lab File: BM006338.D

Acq: 08 Jul 2016 03:07

Instrument :

BNA_M

ClientSampleId :

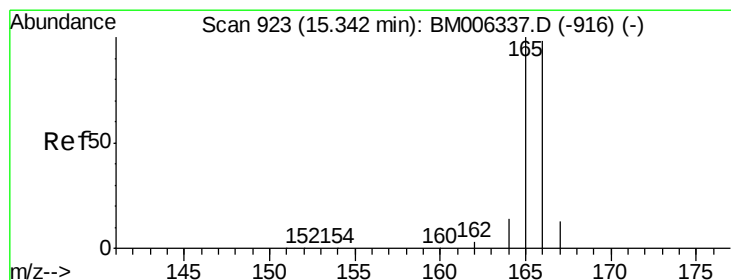
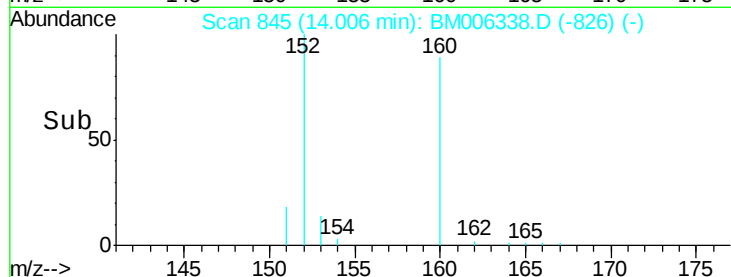
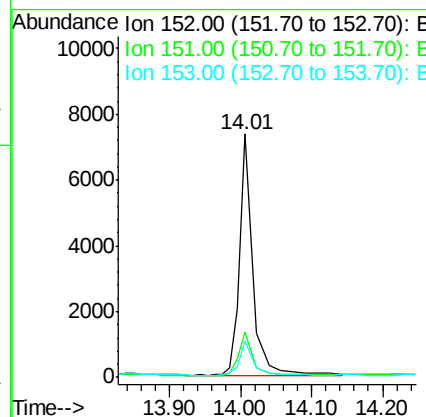
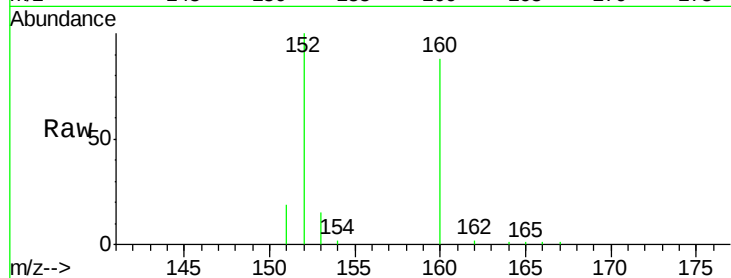
A4TW2DL

Tot Ion:	152	Resp:	9687
Ion	Ratio	Lower	Upper
152	100		
151	18.5	17.6	26.4
153	15.0	9.7	14.5#

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#11

Fluorene

Concen: 0.05 ng/ul

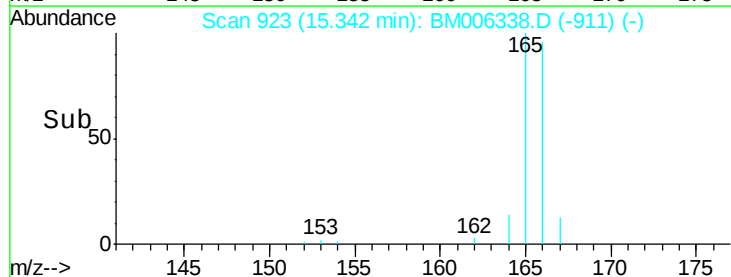
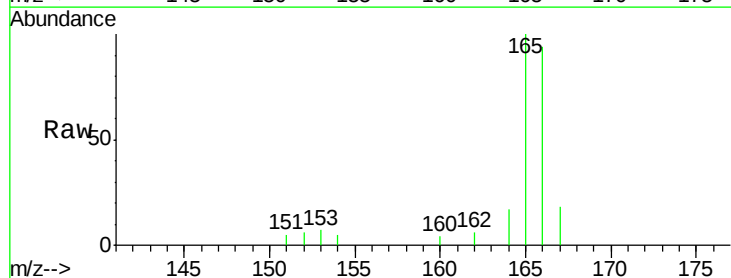
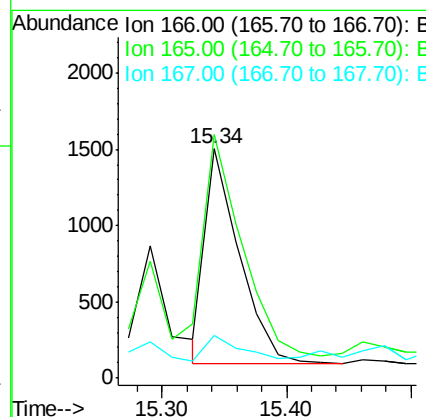
RT: 15.34 min Scan# 923

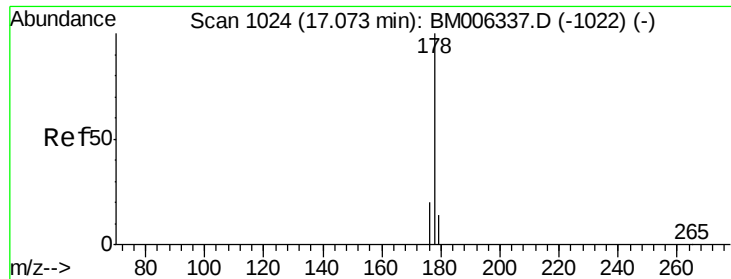
Delta R.T. -0.00 min

Lab File: BM006338.D

Acq: 08 Jul 2016 03:07

Tgt Ion:	166	Resp:	2682
Ion	Ratio	Lower	Upper
166	100		
165	106.1	69.6	104.4#
167	18.7	11.9	17.9#





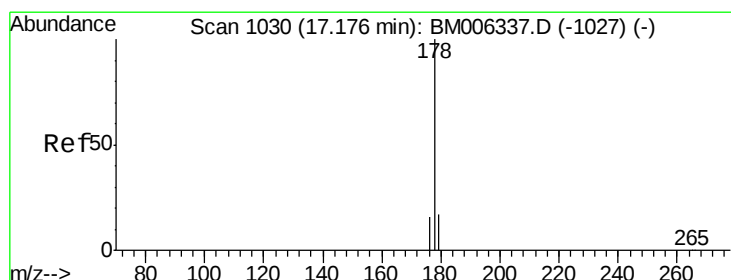
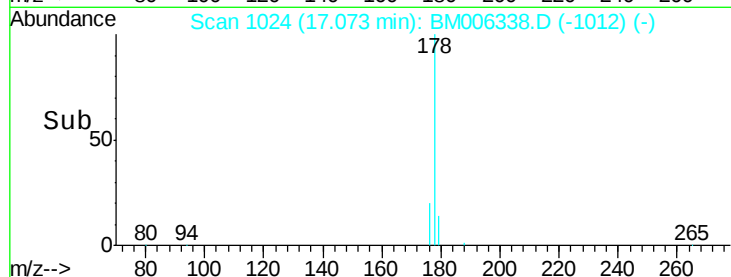
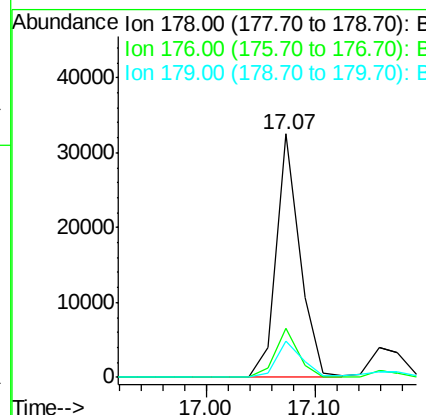
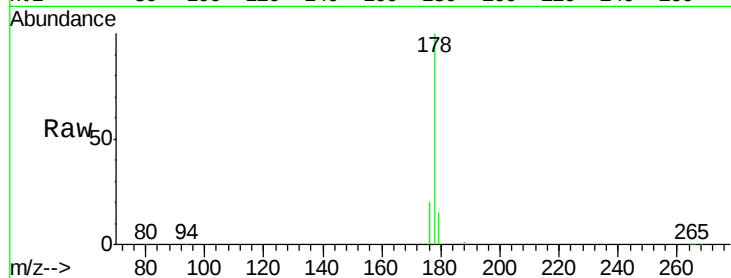
#14
Phenanthrene
Concen: 0.49 ng/ul
RT: 17.07 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BM006338.D
Acq: 08 Jul 2016 03:07

Instrument :
BNA_M
ClientSampleId :
A4TW2DL

Tot Ion:178 Resp: 48988
Ion Ratio Lower Upper
178 100
176 19.9 13.0 19.4#
179 14.7 14.2 21.2

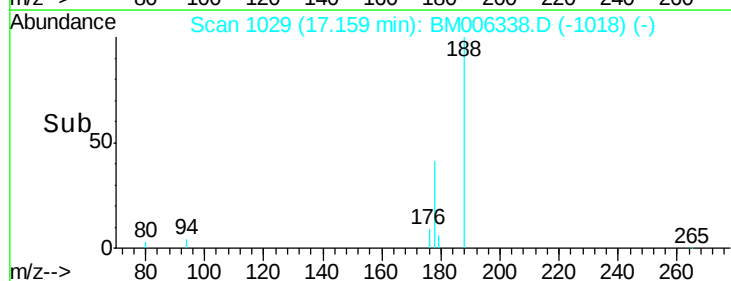
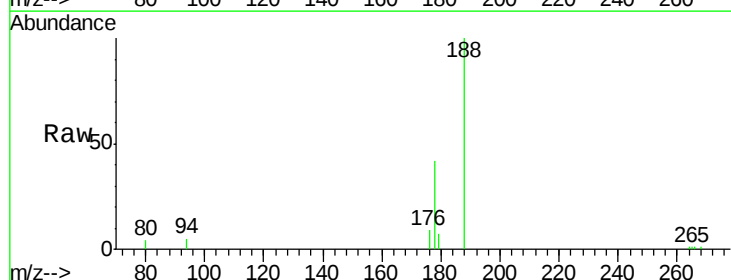
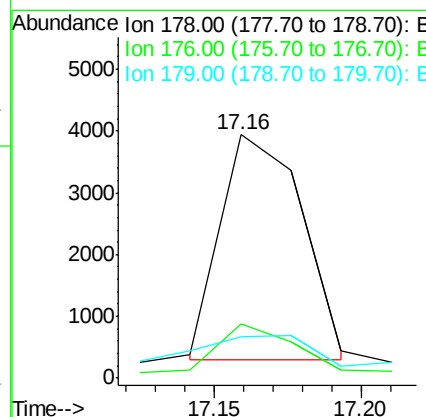
Manual Integrations

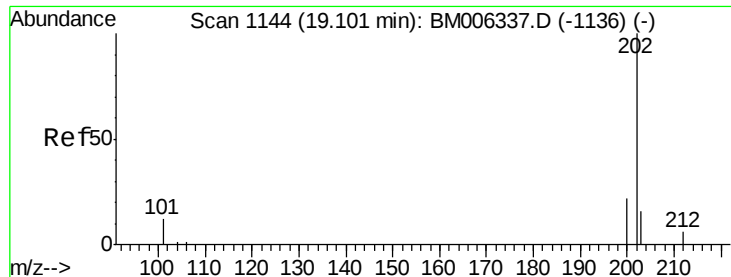
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#15
Anthracene
Concen: 0.08 ng/ul m
RT: 17.16 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BM006338.D
Acq: 08 Jul 2016 03:07

Tgt Ion:178 Resp: 7043
Ion Ratio Lower Upper
178 100
176 22.4 14.0 21.0#
179 17.0 12.9 19.3





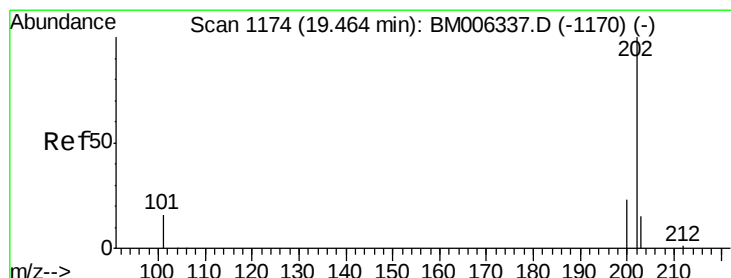
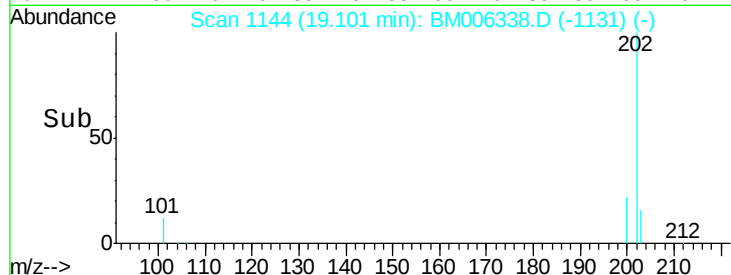
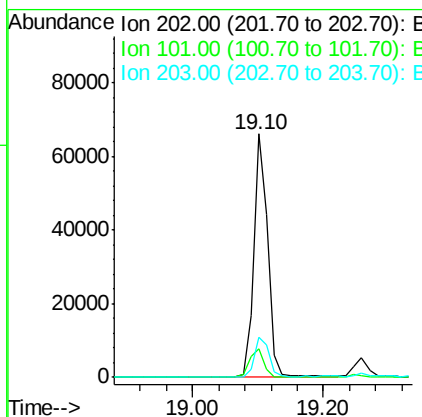
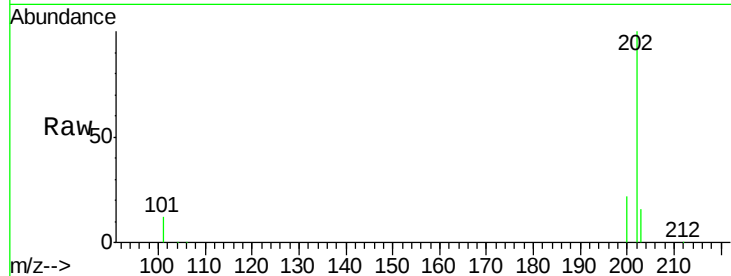
#17
Fluoranthene
Concen: 0.96 ng/ul
RT: 19.10 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BM006338.D
Acq: 08 Jul 2016 03:07

Instrument :
BNA_M
ClientSampleId :
A4TW2DL

Tot Ion	Ratio	Resp	Lower	Upper
202	100	105324		
101	11.6		0.0	29.6
203	16.4		0.0	36.3

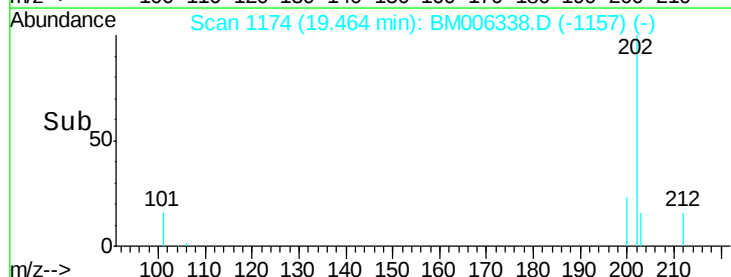
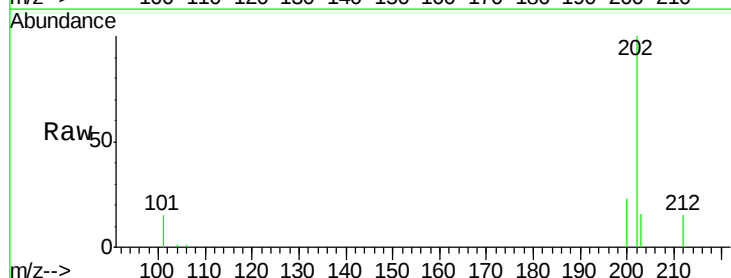
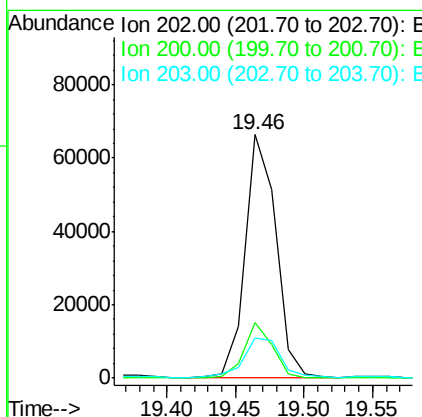
Manual Integrations

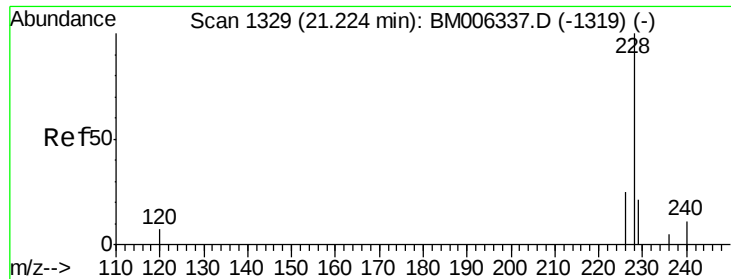
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#19
Pyrene
Concen: 0.86 ng/ul
RT: 19.46 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BM006338.D
Acq: 08 Jul 2016 03:07

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	102555		
200	22.6		17.8	26.8
203	16.4		12.8	19.2





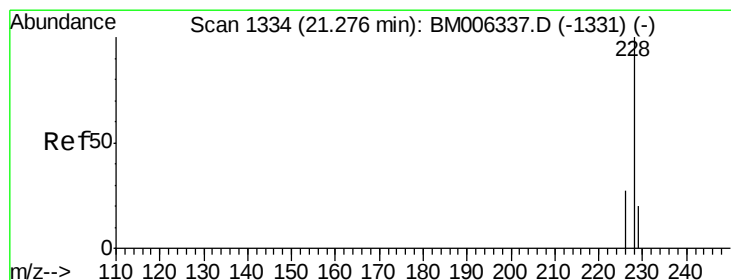
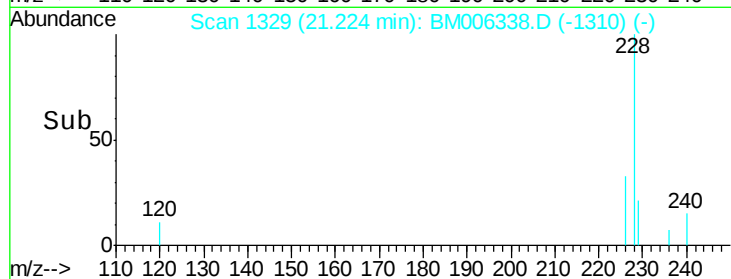
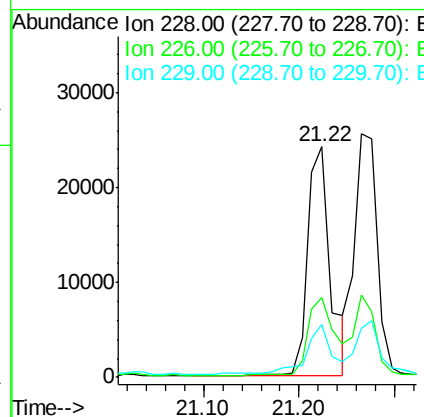
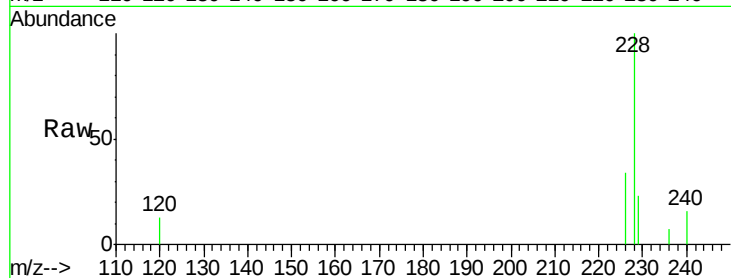
#20
Benzo(a)anthracene
Concen: 0.43 ng/ul
RT: 21.22 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BM006338.D
Acq: 08 Jul 2016 03:07

Instrument :
BNA_M
ClientSampleId :
A4TW2DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.4	18.8	28.2#
229	23.2	17.1	25.7

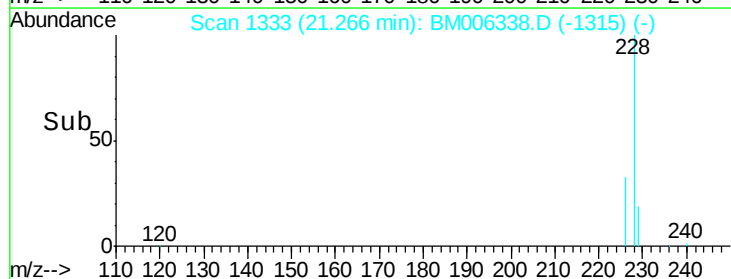
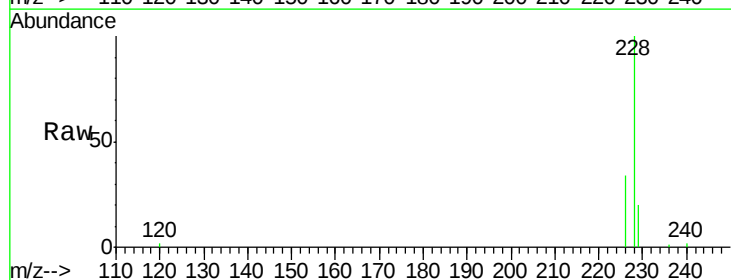
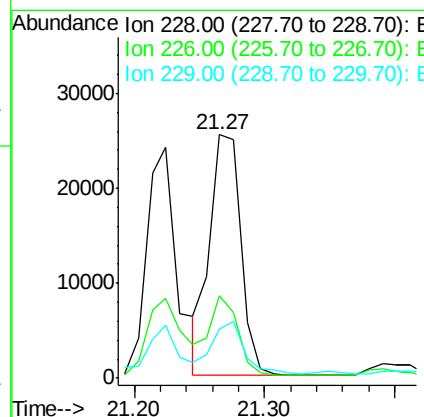
Manual Integrations

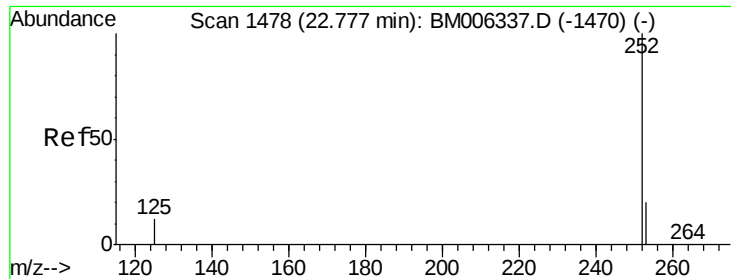
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#21
Chrysene
Concen: 0.47 ng/ul
RT: 21.27 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BM006338.D
Acq: 08 Jul 2016 03:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.0	21.2	31.8#
229	20.0	17.0	25.6





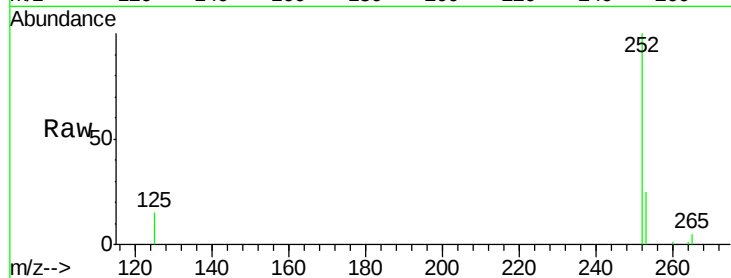
#23
Benzo(b)fluoranthene
Concen: 0.53 ng/ul m
RT: 22.79 min Scan# 1479
Delta R.T. 0.01 min
Lab File: BM006338.D
Acq: 08 Jul 2016 03:07

Instrument :
BNA_M
ClientSampleId :
A4TW2DL

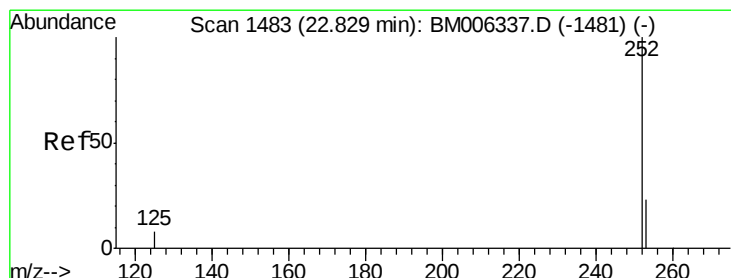
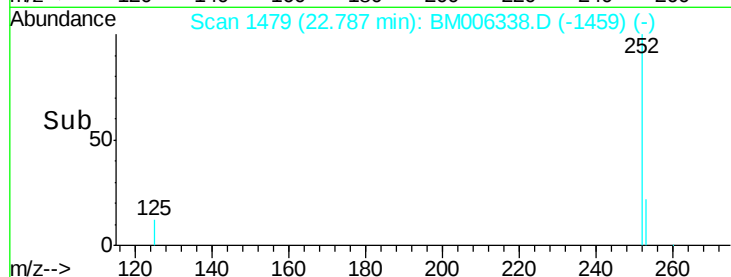
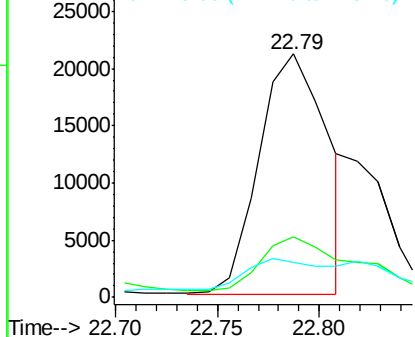
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	0.0	45.4
125	14.6	0.0	28.8

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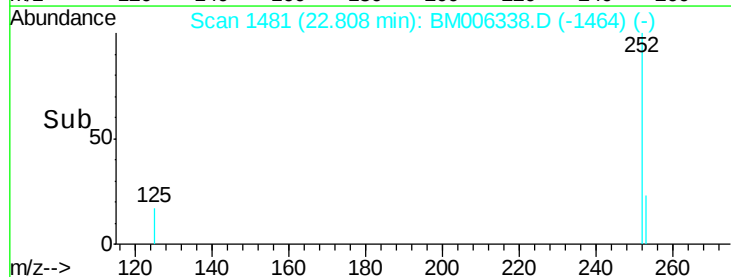
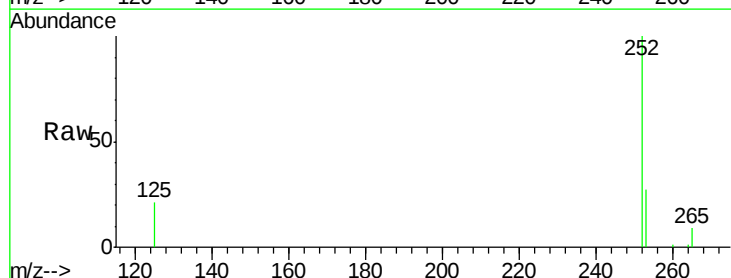
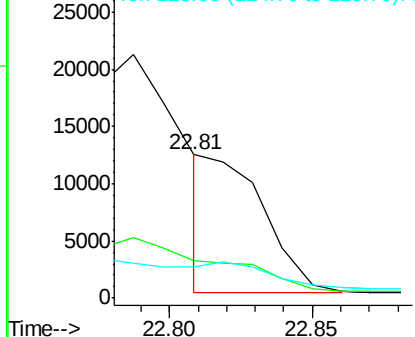
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

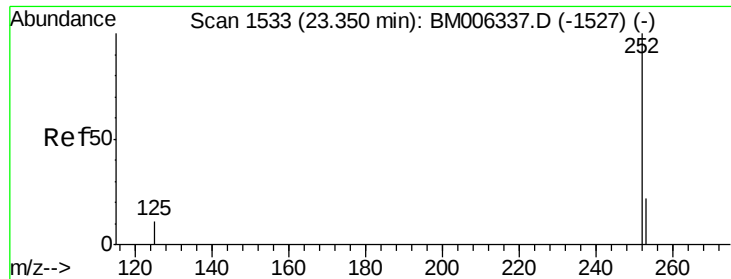


#24
Benzo(k)fluoranthene
Concen: 0.19 ng/ul m
RT: 22.81 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BM006338.D
Acq: 08 Jul 2016 03:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.5	19.8	29.8
125	21.4	10.4	15.6

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: 0.40 ng/ul

RT: 23.35 min Scan# 1533

Delta R.T. -0.00 min

Lab File: BM006338.D

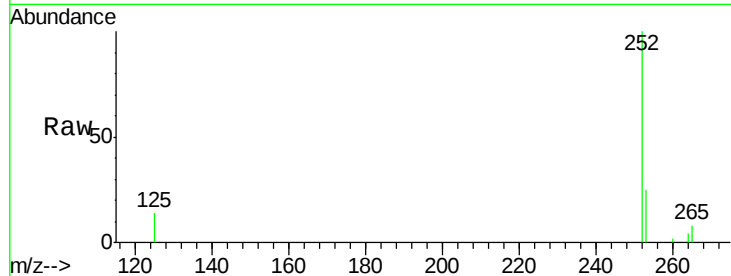
Acq: 08 Jul 2016 03:07

Instrument :

BNA_M

ClientSampleId :

A4TW2DL

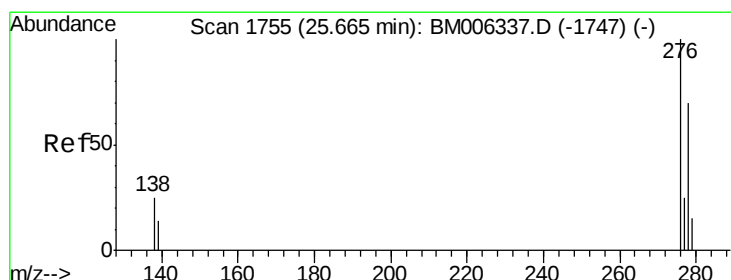
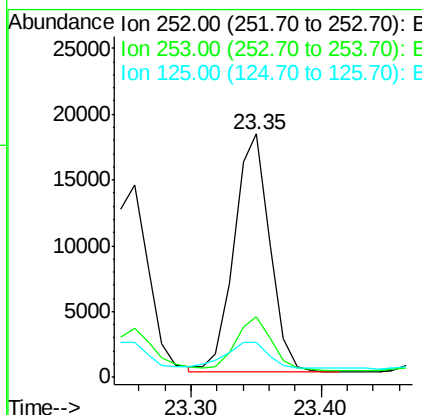
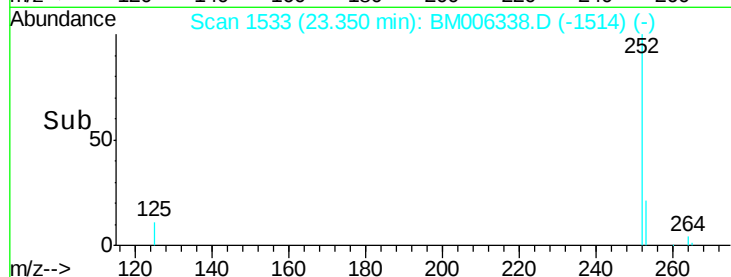


Tot Ion:	252	Resp:	34476
Ion Ratio	Lower	Upper	
252	100		
253	24.9	19.4	29.2
125	14.3	12.7	19.1

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#26

Indeno(1,2,3-cd)pyrene

Concen: 0.28 ng/ul

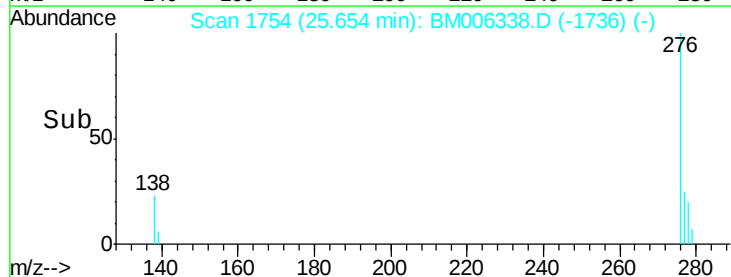
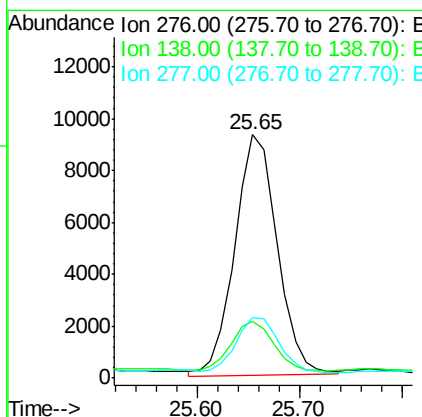
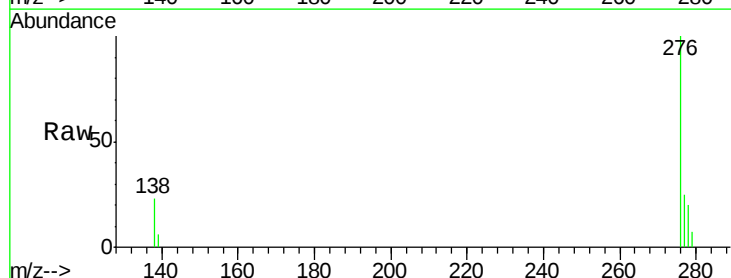
RT: 25.65 min Scan# 1754

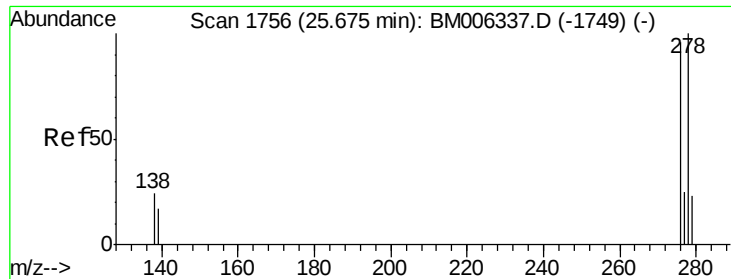
Delta R.T. -0.01 min

Lab File: BM006338.D

Acq: 08 Jul 2016 03:07

Tgt Ion:	276	Resp:	27026
Ion Ratio	Lower	Upper	
276	100		
138	25.6	16.3	24.5#
277	25.8	19.8	29.8





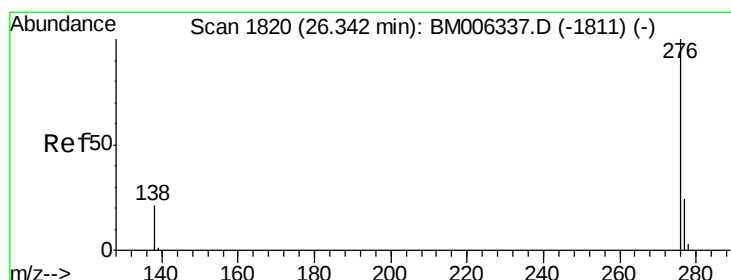
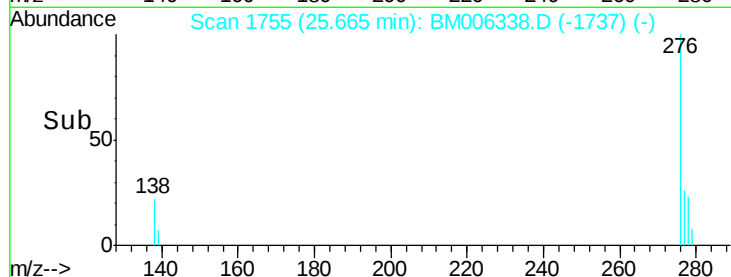
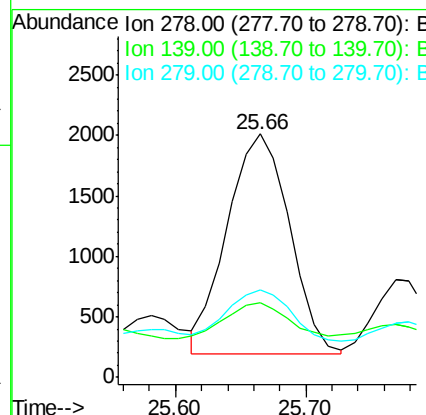
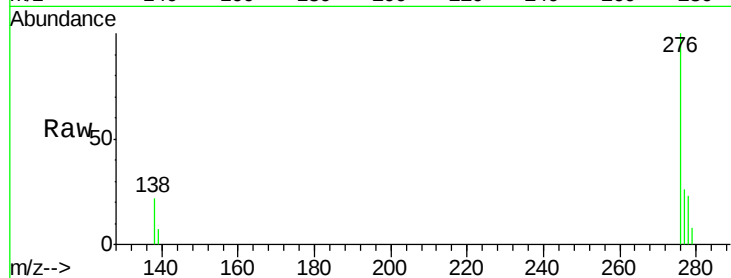
#27
Dibenzo(a,h)anthracene
Concen: 0.08 ng/ul m
RT: 25.66 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BM006338.D
Acq: 08 Jul 2016 03:07

Instrument :
BNA_M
ClientSampleID :
A4TW2DL

Tot Ion:278 Resp: 6032
Ion Ratio Lower Upper
278 100
139 30.6 16.4 24.6#
279 35.8 20.2 30.2#

Manual Integrations

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#28
Benzo(g,h,i)perylene
Concen: 0.29 ng/ul
RT: 26.33 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BM006338.D
Acq: 08 Jul 2016 03:07

Tgt Ion:276 Resp: 23451
Ion Ratio Lower Upper
276 100
277 24.9 18.9 28.3
138 24.5 22.5 33.7

