

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032516\
 Data File : BM004788.D
 Acq On : 25 Mar 2016 21:32
 Operator : UM/SJ
 Sample : H1909-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4T48

Manual Integrations
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 4/6/2016 1:28:55 PM

Quant Time: Apr 05 19:30:38 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM032516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 05 18:29:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1265	0.40	ng/ul	0.00
4) Naphthalene-d8	10.62	136	6165	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	3905	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.21	188	8607m	0.40	ng/ul	0.00
18) Chrysene-d12	21.39	240	8596	0.40	ng/ul	-0.01
22) Perylene-d12	23.68	264	7110m	0.40	ng/ul	-0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.32	96	5731	10.05	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.21	152	3000	0.35	ng/ul	0.00
16) Fluoranthene-d10	19.24	212	7948	0.39	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.67	128	633	0.04	ng/ul#	68
9) Acenaphthylene	14.18	152	855	0.05	ng/ul#	85
14) Phenanthrene	17.24	178	3354m	0.14	ng/ul	
15) Anthracene	17.33	178	983	0.04	ng/ul#	75
17) Fluoranthene	19.27	202	9189	0.33	ng/ul	96
19) Pyrene	19.63	202	9256	0.31	ng/ul#	96
20) Benzo(a)anthracene	21.37	228	3900	0.15	ng/ul#	90
21) Chrysene	21.42	228	5362	0.21	ng/ul#	90
23) Benzo(b)fluoranthene	22.98	252	7661m	0.32	ng/ul	
24) Benzo(k)fluoranthene	23.02	252	2788m	0.13	ng/ul	
25) Benzo(a)pyrene	23.58	252	6700m	0.31	ng/ul	
26) Indeno(1,2,3-cd)pyrene	25.99	276	3208m	0.16	ng/ul	
27) Dibenzo(a,h)anthracene	26.01	278	856m	0.05	ng/ul	
28) Benzo(g,h,i)perylene	26.71	276	3084m	0.18	ng/ul	

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

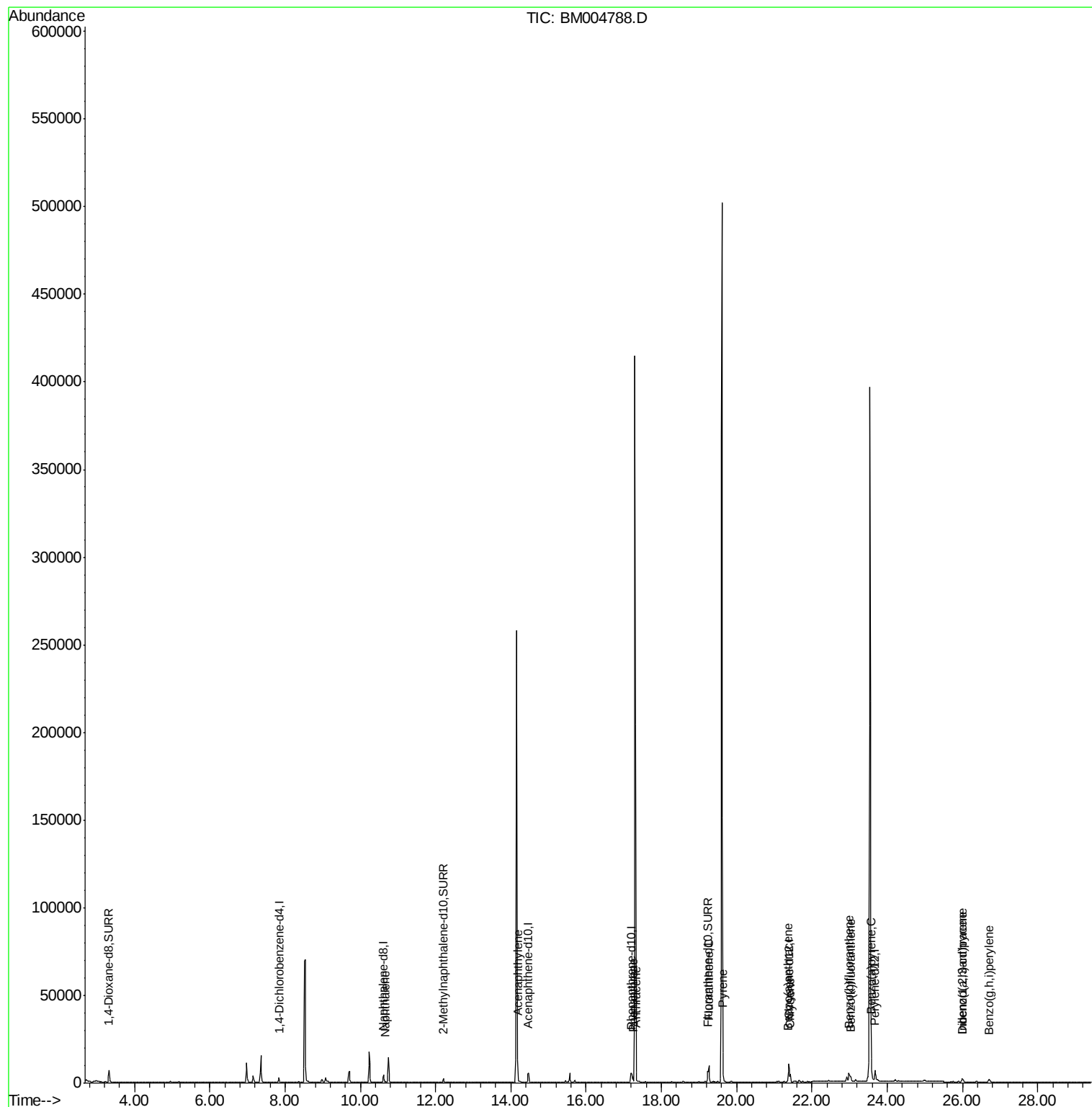
Data Path : Z:\HPCHEM1\BNA M\DATA\BM032516\
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ALS Vial : 20 Sample Multiplier: 1

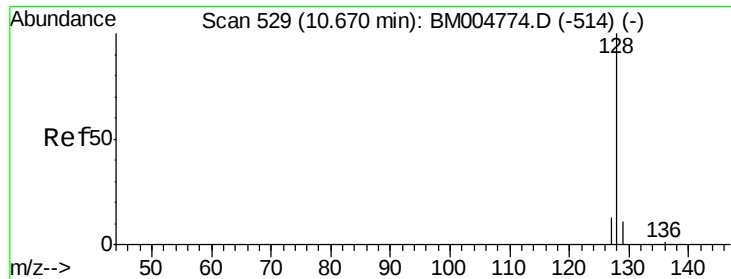
Instrument :
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Manual Integrations
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Response via : Initial Calibration





#5

Naphthalene

Concen: 0.04 ng/ul

RT: 10.67 min Scan# 529

Delta R.T. -0.00 min

Lab File: BM004788.D

Acq: 25 Mar 2016 21:32

Instrument :

BNA_M

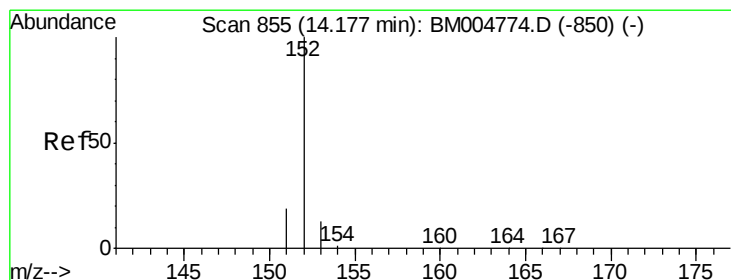
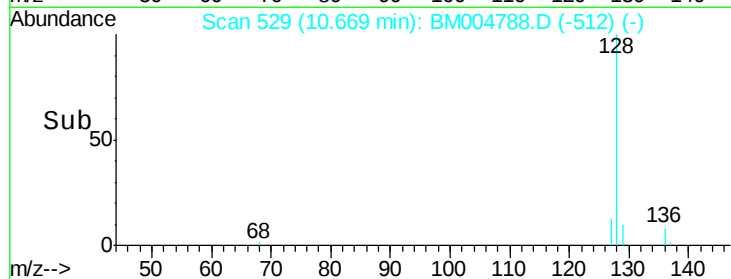
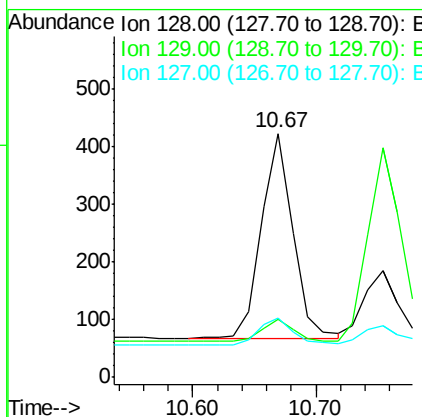
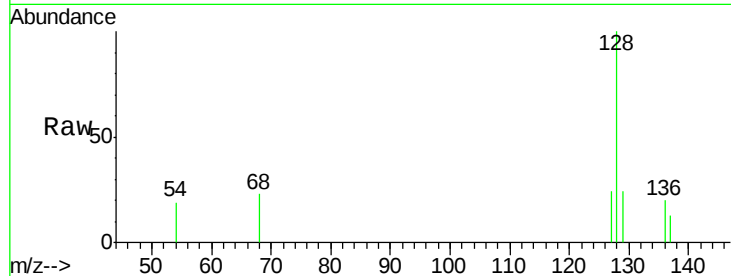
ClientSampleId :

A4T48

Tot Ion:128	Resp:	633
Ion Ratio	Lower	Upper
128 100		
129 23.6	9.0	13.6#
127 24.1	9.6	14.4#

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#9

Acenaphthylene

Concen: 0.05 ng/ul

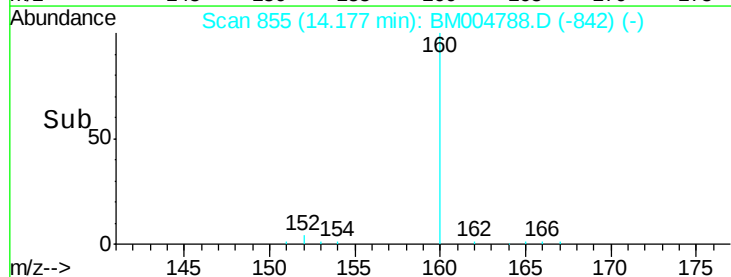
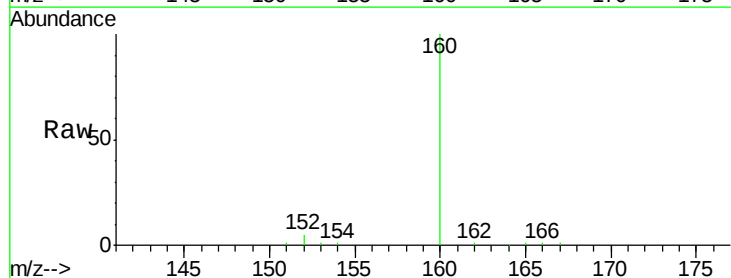
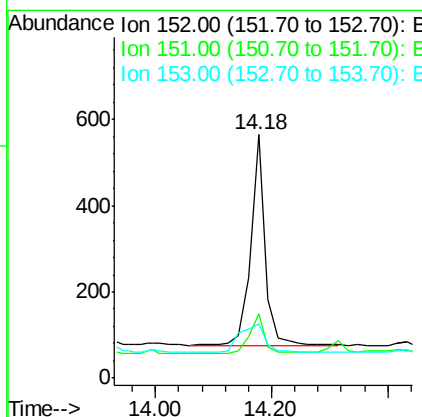
RT: 14.18 min Scan# 855

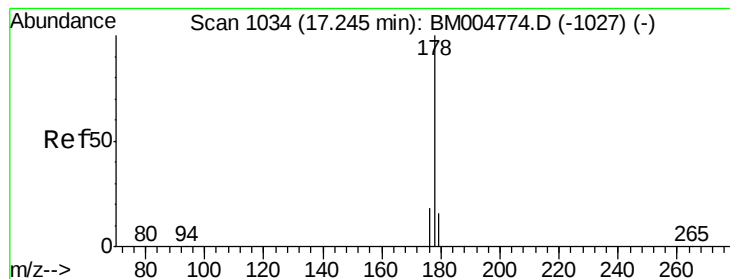
Delta R.T. -0.00 min

Lab File: BM004788.D

Acq: 25 Mar 2016 21:32

Tgt Ion:152	Resp:	855
Ion Ratio	Lower	Upper
152 100		
151 26.4	17.6	26.4
153 22.3	9.7	14.5#





#14

Phenanthrene

Concen: 0.14 ng/ul

RT: 17.24 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BM004788.D

Acq: 25 Mar 2016 21:32

Instrument :

BNA_M

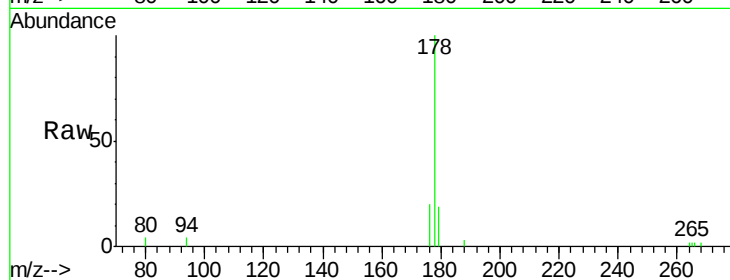
ClientSampleId :

A4T48

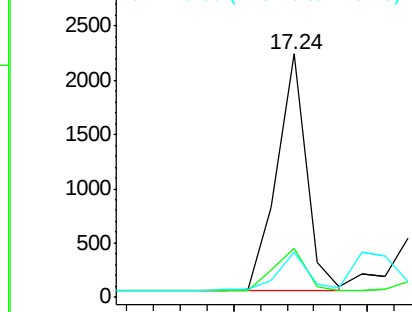
Tot Ion:178	Resp:	3354
Ion Ratio	Lower	Upper
178	100	
176	20.3	13.0 19.4#
179	18.6	14.2 21.2

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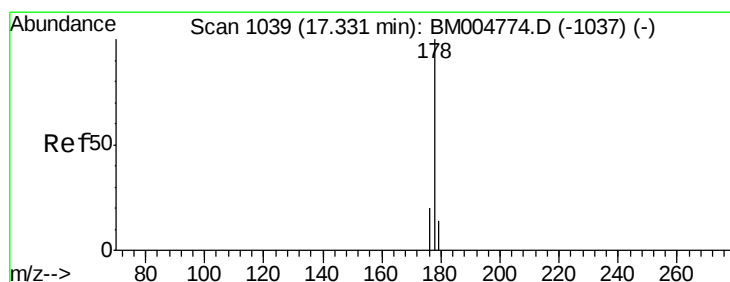
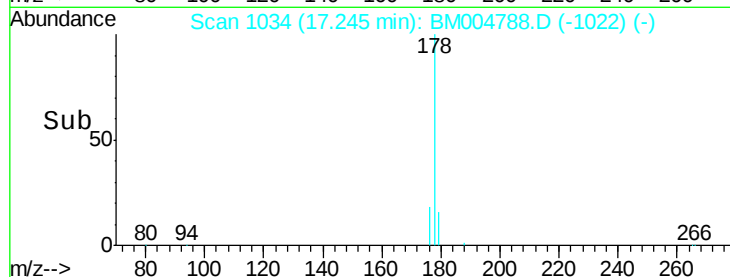
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->



#15

Anthracene

Concen: 0.04 ng/ul

RT: 17.33 min Scan# 1039

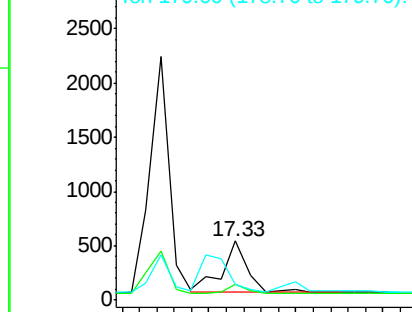
Delta R.T. -0.00 min

Lab File: BM004788.D

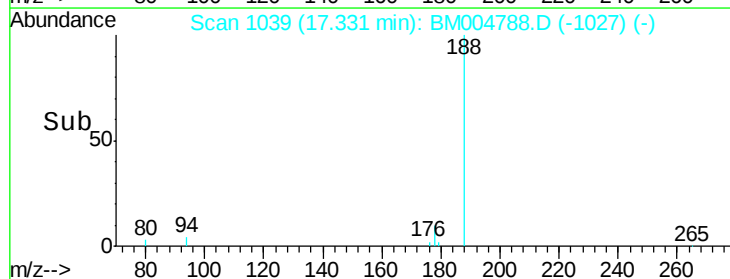
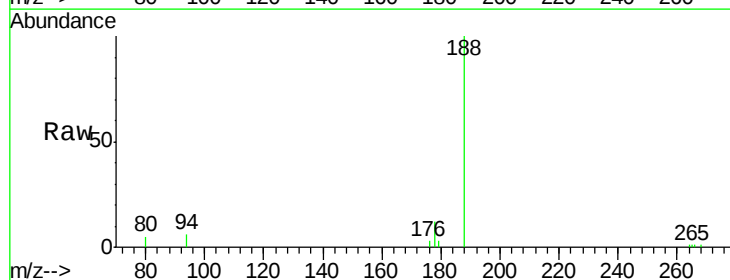
Acq: 25 Mar 2016 21:32

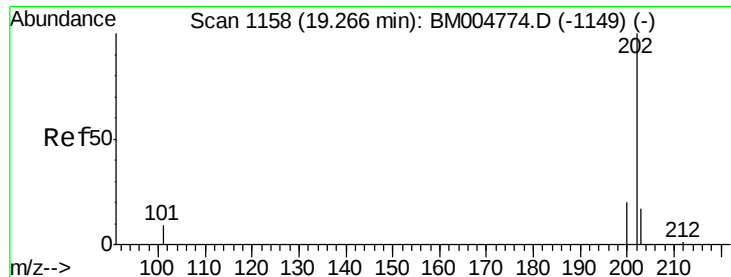
Tgt Ion:178	Resp:	983
Ion Ratio	Lower	Upper
178	100	
176	27.7	14.0 21.0#
179	27.7	12.9 19.3#

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



Time-->





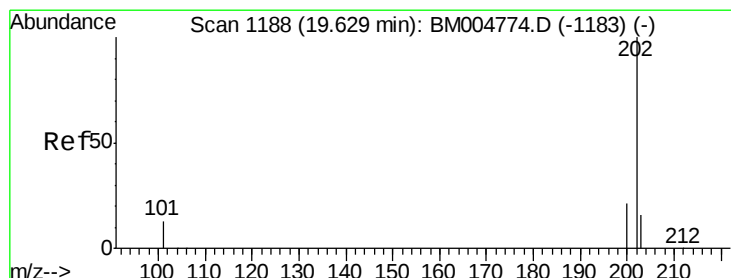
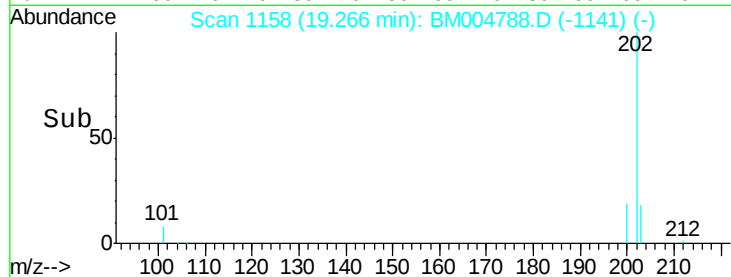
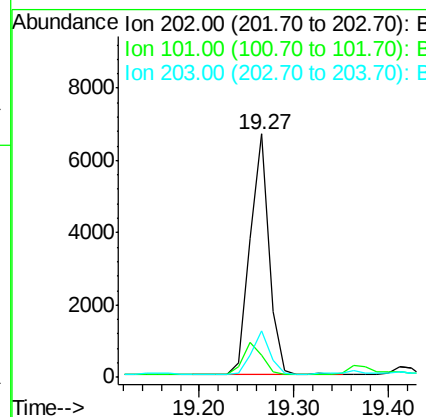
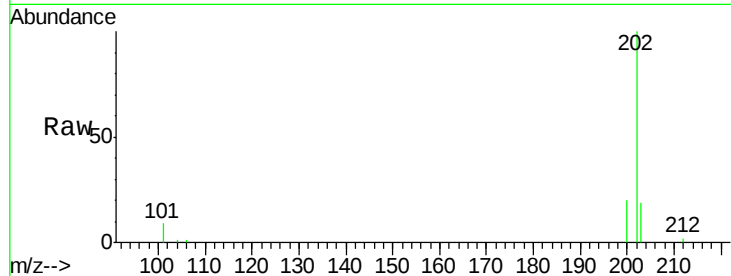
#17
Fluoranthene
 Concen: 0.33 ng/ul
 RT: 19.27 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BM004788.D
 Acq: 25 Mar 2016 21:32

Instrument :
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Tot Ion:	202	Resp:	9189
Ion Ratio	Lower	Upper	
202	100		
101	9.2	0.0	29.6
203	19.1	0.0	36.3

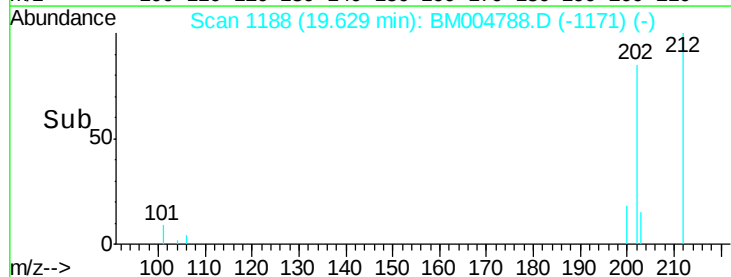
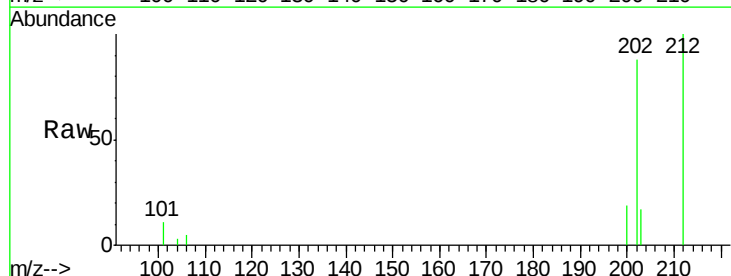
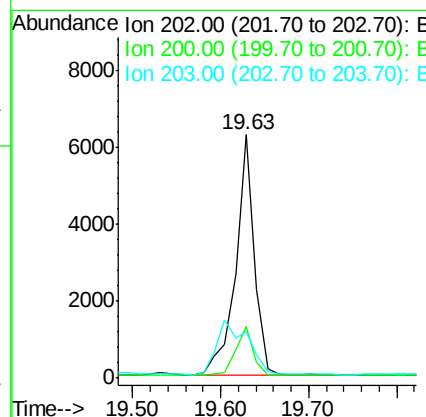
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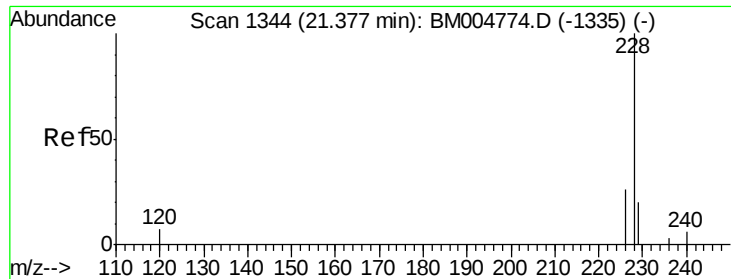
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#19
Pyrene
 Concen: 0.31 ng/ul
 RT: 19.63 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BM004788.D
 Acq: 25 Mar 2016 21:32

Tgt Ion:	202	Resp:	9256
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.8	26.8
203	19.3	12.8	19.2#





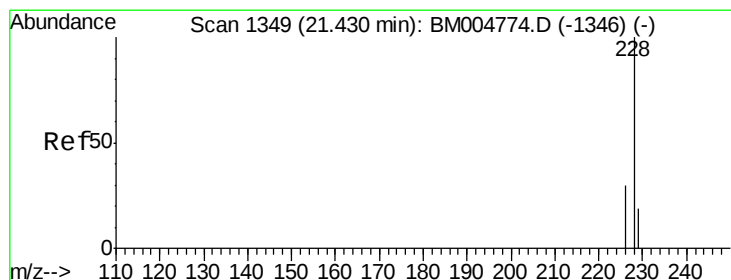
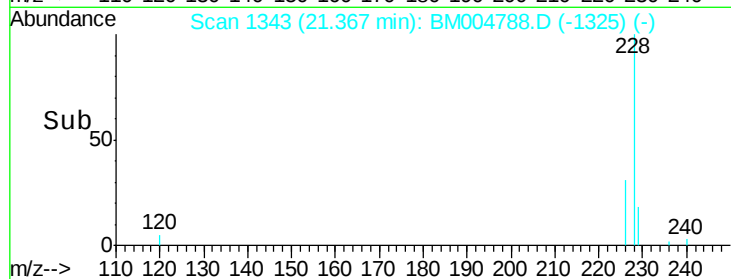
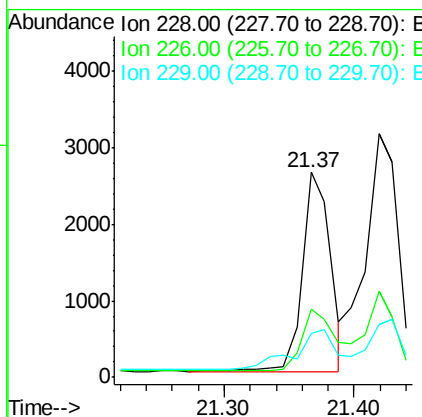
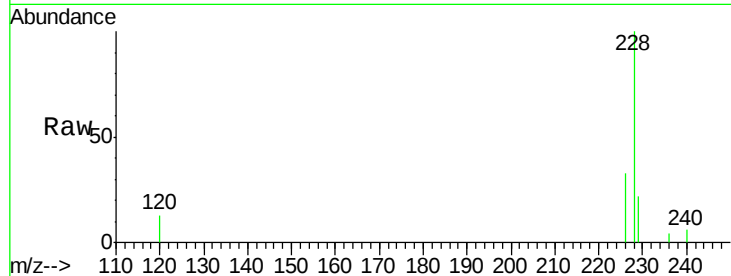
#20
Benzo(a)anthracene
Concen: 0.15 ng/ul
RT: 21.37 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BM004788.D
Acq: 25 Mar 2016 21:32

Instrument :
BNA_M
ClientSampleId :
A4T48

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.1	18.8	28.2#
229	21.6	17.1	25.7

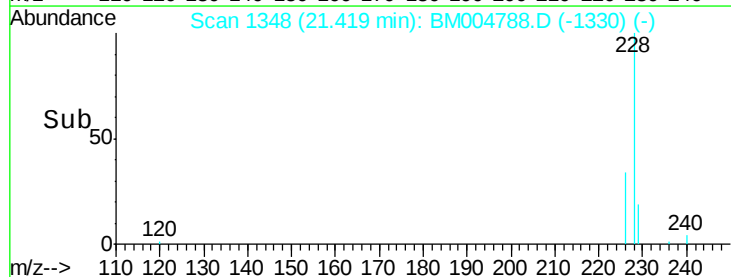
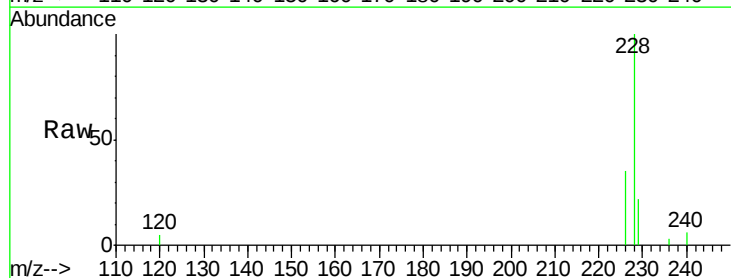
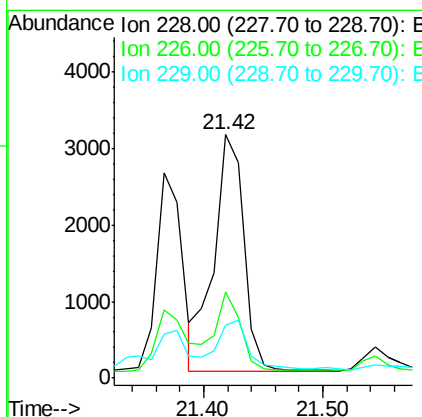
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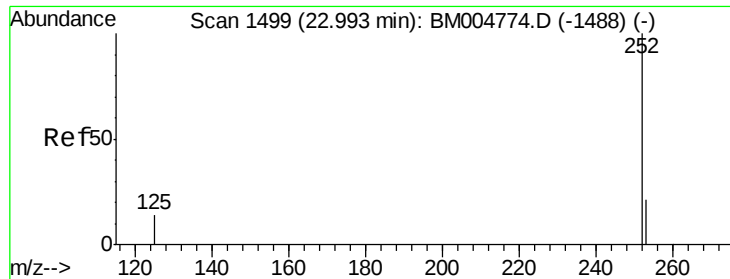
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#21
Chrysene
Concen: 0.21 ng/ul
RT: 21.42 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BM004788.D
Acq: 25 Mar 2016 21:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.3	21.2	31.8#
229	21.7	17.0	25.6





#23

Benzo(b)fluoranthene

Concen: 0.32 ng/ul m

RT: 22.98 min Scan# 1498

Delta R.T. -0.01 min

Lab File: BM004788.D

Acq: 25 Mar 2016 21:32

Instrument :

BNA_M

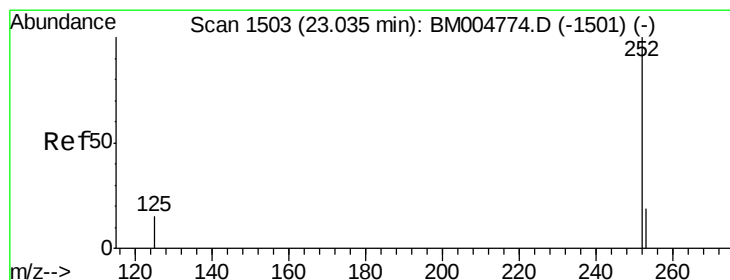
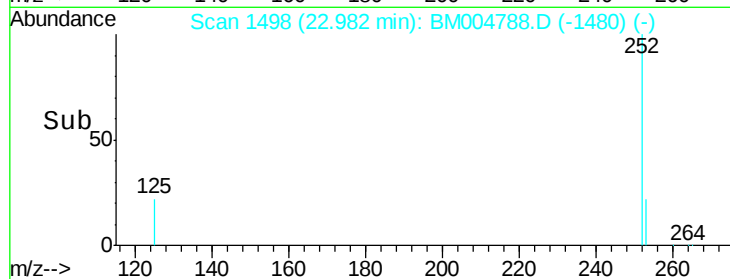
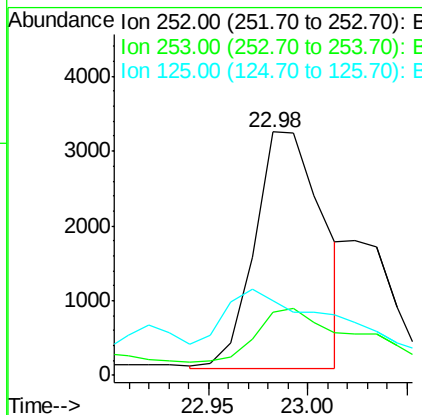
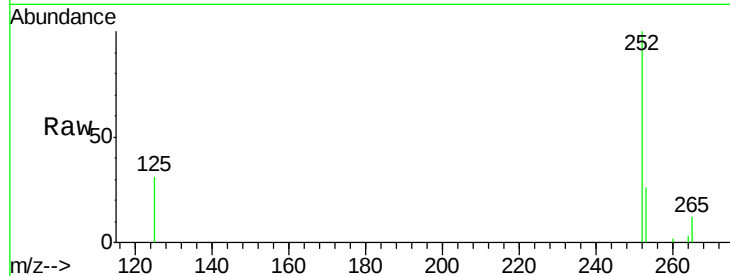
ClientSampleId :

A4T48

Tot Ion:	252	Resp:	7661
Ion Ratio	Lower	Upper	
252	100		
253	26.0	0.0	45.4
125	30.6	0.0	28.8#

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#24

Benzo(k)fluoranthene

Concen: 0.13 ng/ul m

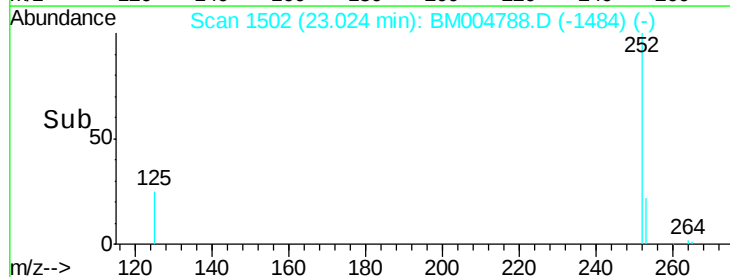
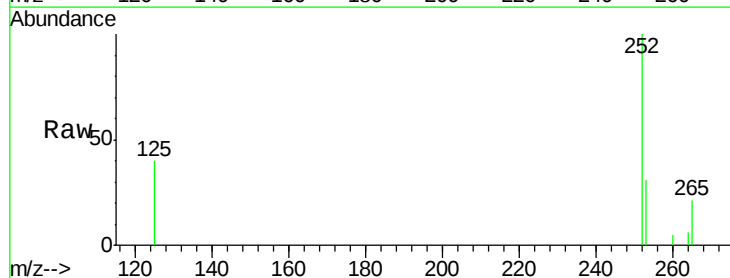
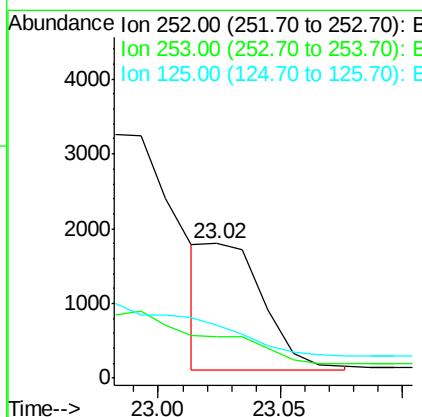
RT: 23.02 min Scan# 1502

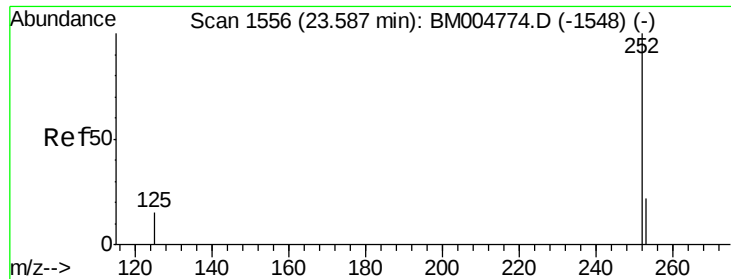
Delta R.T. -0.01 min

Lab File: BM004788.D

Acq: 25 Mar 2016 21:32

Tgt Ion:	252	Resp:	2788
Ion Ratio	Lower	Upper	
252	100		
253	30.5	19.8	29.8#
125	39.6	10.4	15.6#





#25

Benzo(a)pyrene

Concen: 0.31 ng/ul m

RT: 23.58 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BM004788.D

Acq: 25 Mar 2016 21:32

Instrument :

BNA_M

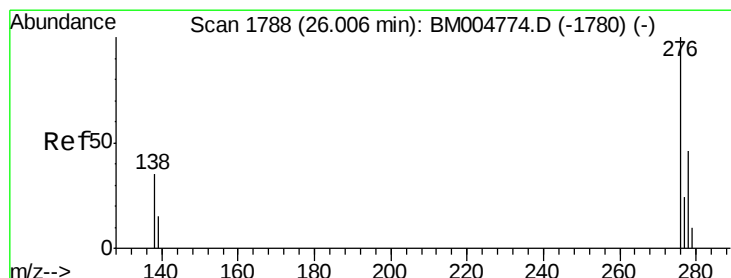
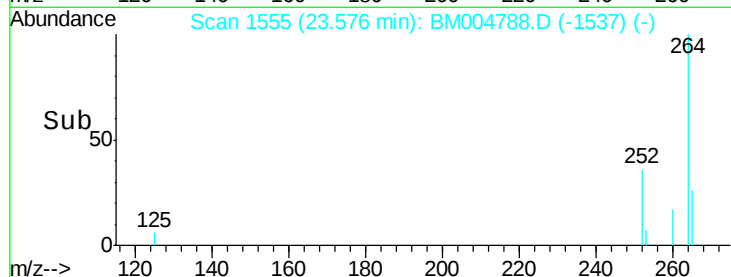
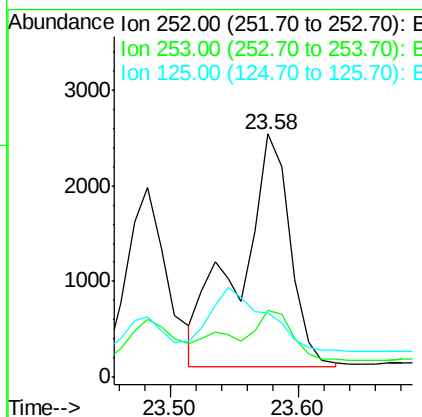
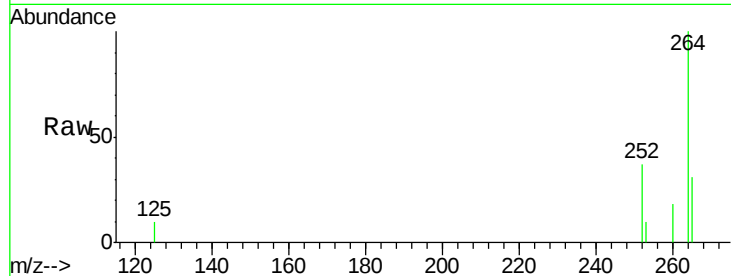
ClientSampleId :

A4T48

Tot Ion:	252	Resp:	6700
Ion Ratio	Lower	Upper	
252	100		
253	27.5	19.4	29.2
125	26.7	12.7	19.1#

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#26

Indeno(1,2,3-cd)pyrene

Concen: 0.16 ng/ul m

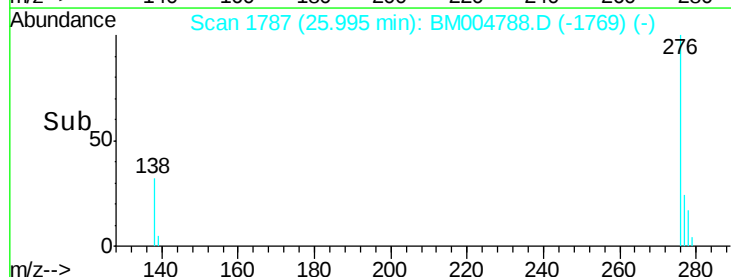
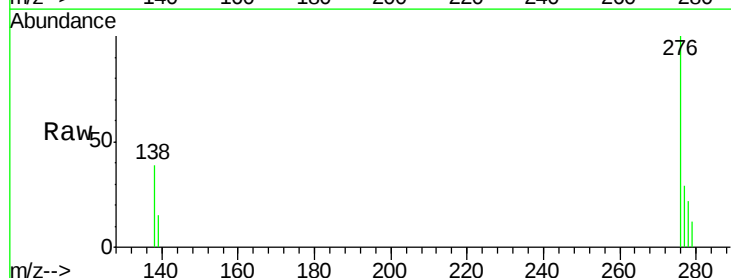
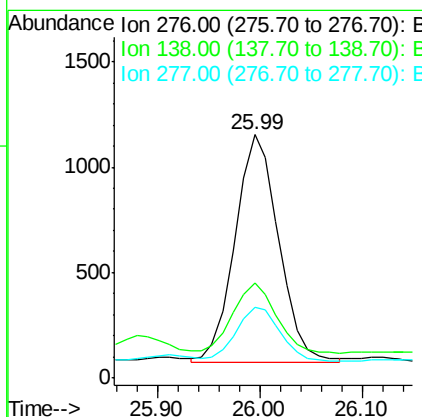
RT: 25.99 min Scan# 1787

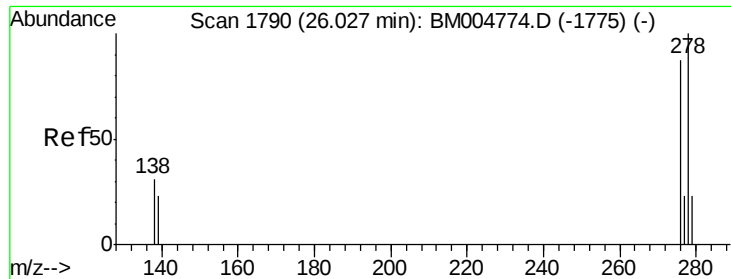
Delta R.T. -0.01 min

Lab File: BM004788.D

Acq: 25 Mar 2016 21:32

Tgt Ion:	276	Resp:	3208
Ion Ratio	Lower	Upper	
276	100		
138	5.9	16.3	24.5#
277	3.2	19.8	29.8#





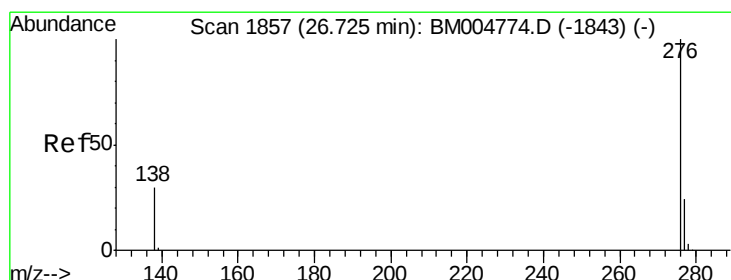
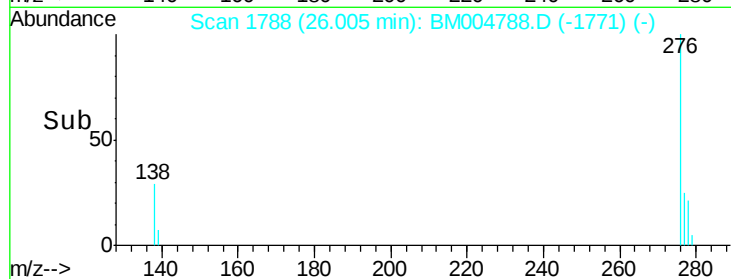
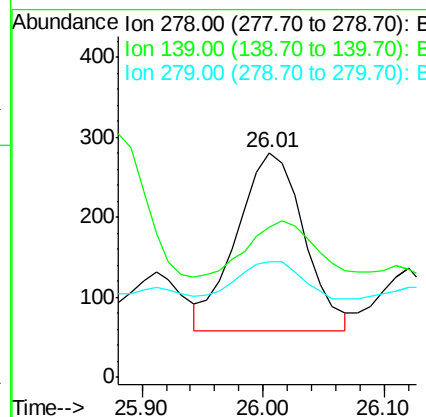
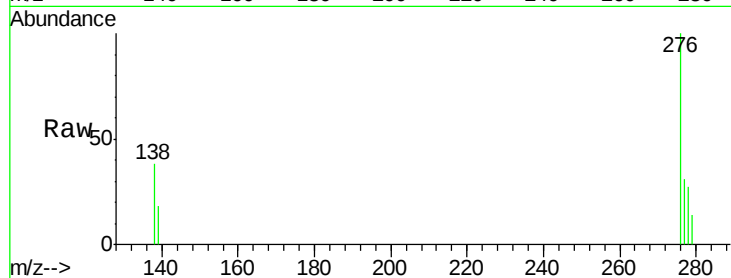
#27
Dibenzo(a,h)anthracene
Concen: 0.05 ng/ul m
RT: 26.01 min Scan# 1788
Delta R.T. -0.02 min
Lab File: BM004788.D
Acq: 25 Mar 2016 21:32

Instrument :
BNA_M
ClientSampleId :
A4T48

Tot Ion	Ratio	Lower	Upper
278	100		
139	66.5	16.4	24.6#
279	51.6	20.2	30.2#

Manual Integrations
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#28
Benzo(g,h,i)perylene
Concen: 0.18 ng/ul m
RT: 26.71 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BM004788.D
Acq: 25 Mar 2016 21:32

Tgt Ion	Ratio	Lower	Upper
276	100		
277	30.3	18.9	28.3#
138	39.2	22.5	33.7#

