

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031117\
 Data File : BM009213.D
 Acq On : 11 Mar 2017 18:18
 Operator : SJ/MA
 Sample : I2072-07DL 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK2DL

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Quant Time: Mar 13 12:16:10 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 11:21:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	209	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	655	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	355	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	830	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	907	0.40	ng/ul	0.00
20) Perylene-d12	23.77	264	891	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	25	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	62	0.02	ng/ul	0.00
Target Compounds				Qvalue		
5) 2-Methylnaphthalene	12.34	142	76	0.06	ng/ul	94
8) Acenaphthene	14.57	153	59	0.04	ng/ul#	83
12) Phenanthrene	17.30	178	1524	0.58	ng/ul	96
13) Anthracene	17.40	178	216m	0.08	ng/ul	
15) Fluoranthene	19.31	202	3090	0.91	ng/ul	97
17) Pyrene	19.68	202	2933	0.94	ng/ul	97
18) Benzo(a)anthracene	21.42	228	2020	0.67	ng/ul	97
19) Chrysene	21.47	228	2219	0.78	ng/ul	94
21) Benzo(b)fluoranthene	23.07	252	2251m	0.64	ng/ul	
22) Benzo(k)fluoranthene	23.09	252	867m	0.28	ng/ul	
23) Benzo(a)pyrene	23.67	252	1280	0.41	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	26.14	276	829	0.21	ng/ul#	89
25) Dibenzo(a,h)anthracene	26.15	278	312	0.09	ng/ul#	39
26) Benzo(g,h,i)perylene	26.88	276	705	0.21	ng/ul#	84

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

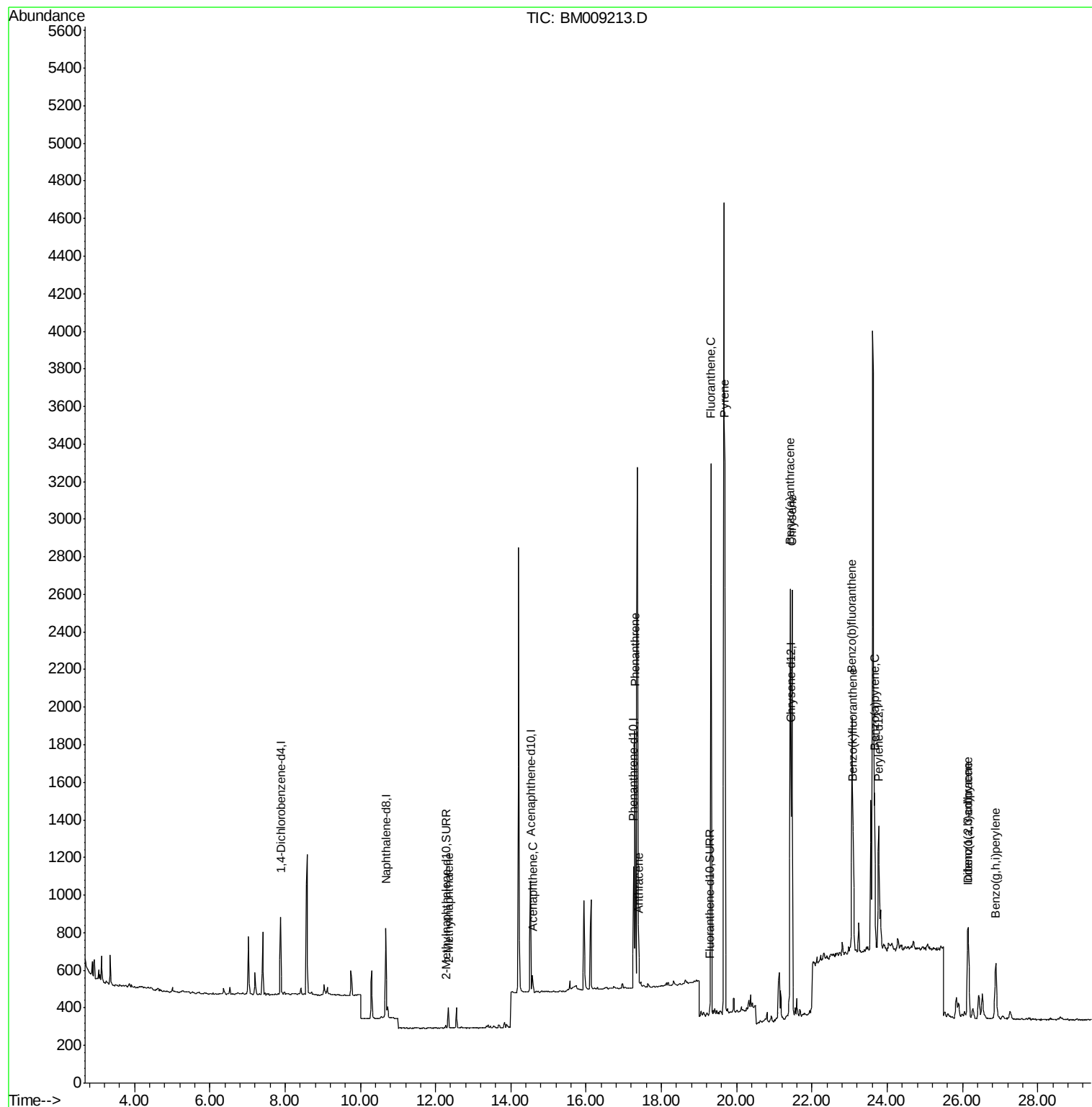
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031117\
Data File : BM009213.D
Acq On : 11 Mar 2017 18:18
Operator : SJ/MA
Sample : I2072-07DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

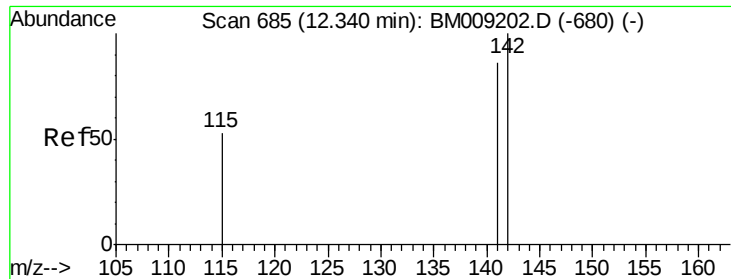
Instrument :
BNA_M
ClientSampleId :
C0AK2DL

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Quant Time: Mar 13 12:16:10 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 13 11:21:07 2017
Response via : Initial Calibration





#5

2-Methylnaphthalene

Concen: 0.06 ng/ul

RT: 12.34 min Scan# 685

Delta R.T. 0.00 min

Lab File: BM009213.D

Acq: 11 Mar 2017 18:18

Instrument :

BNA_M

ClientSampled :

C0AK2DL

Tgt Ion:142 Resp: 76

Ion Ratio Lower Upper

142 100

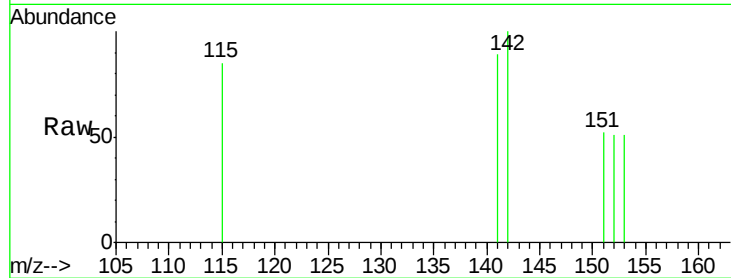
141 96.1 72.6 108.8

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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.34

100

80

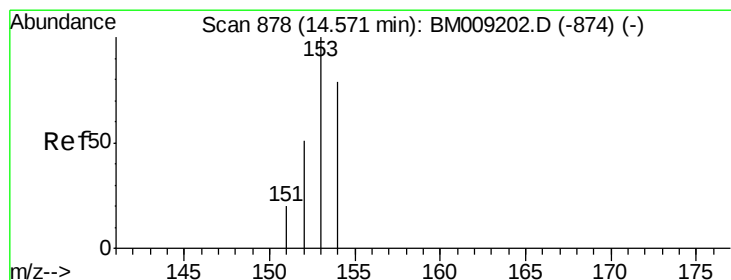
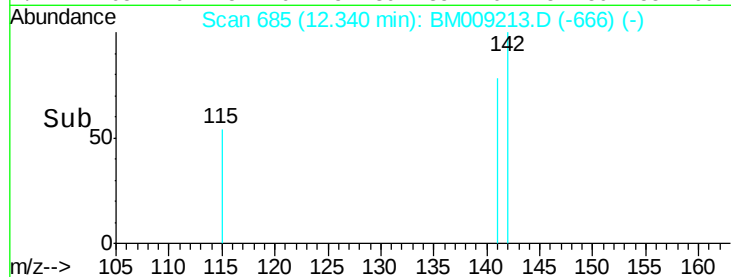
60

40

20

0

Time--> 12.20 12.40



#8

Acenaphthene

Concen: 0.04 ng/ul

RT: 14.57 min Scan# 878

Delta R.T. 0.00 min

Lab File: BM009213.D

Acq: 11 Mar 2017 18:18

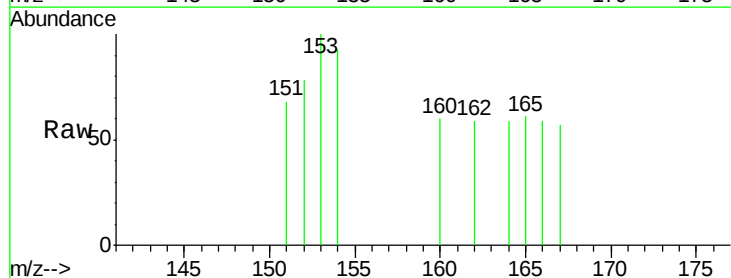
Tgt Ion:153 Resp: 59

Ion Ratio Lower Upper

153 100

152 78.0 40.3 60.5#

154 92.7 71.4 107.2



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

14.57

100

80

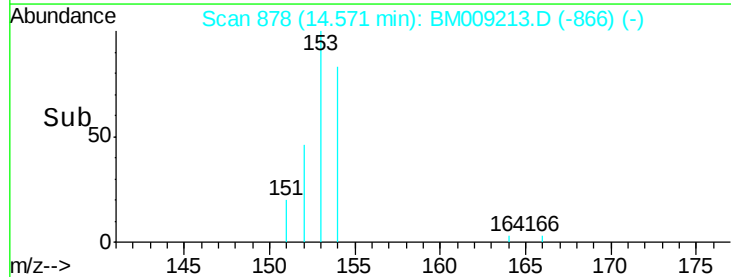
60

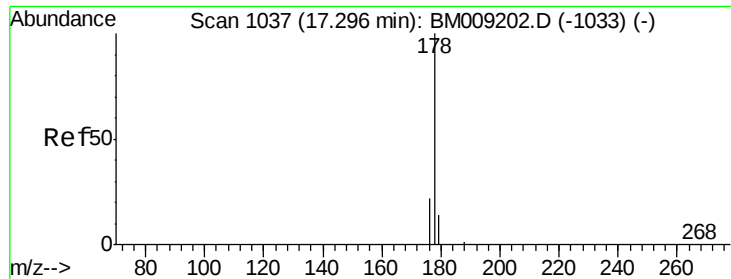
40

20

0

Time--> 14.50 14.55 14.60 14.65





#12

Phenanthrene

Concen: 0.58 ng/ul

RT: 17.30 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BM009213.D

Acq: 11 Mar 2017 18:18

Instrument :

BNA_M

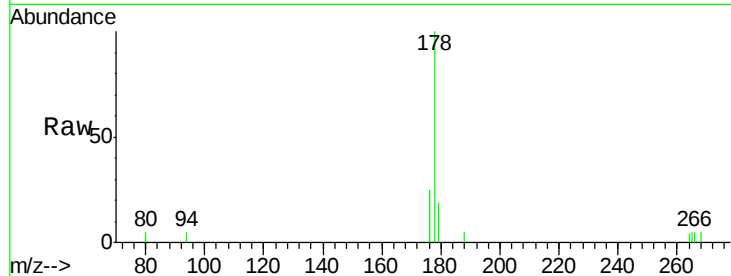
ClientSampleId :

C0AK2DL

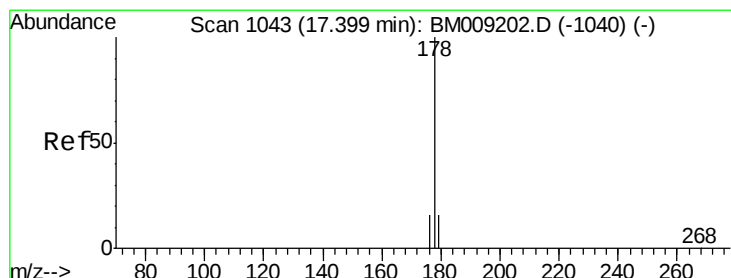
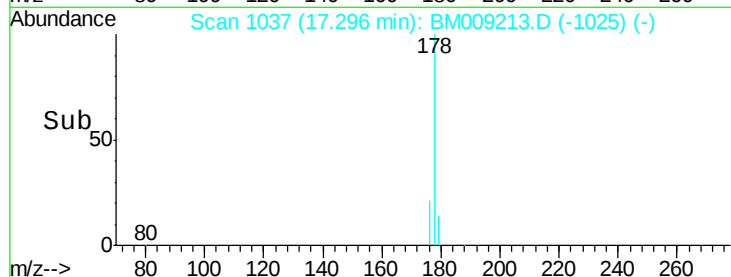
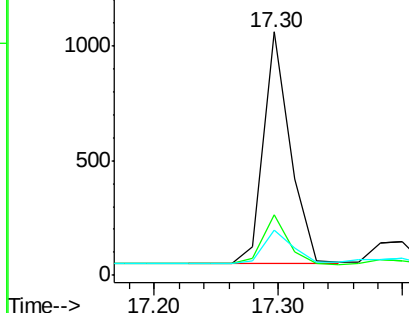
Tgt Ion:	178	Resp:	1524
Ion Ratio	Lower	Upper	
178	100		
176	24.6	18.4	27.6
179	18.7	13.6	20.4

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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



#13

Anthracene

Concen: 0.08 ng/ul m

RT: 17.40 min Scan# 1043

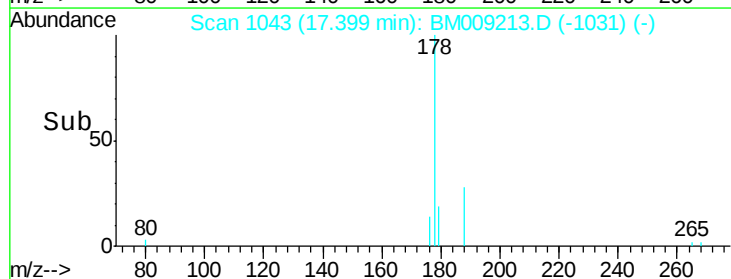
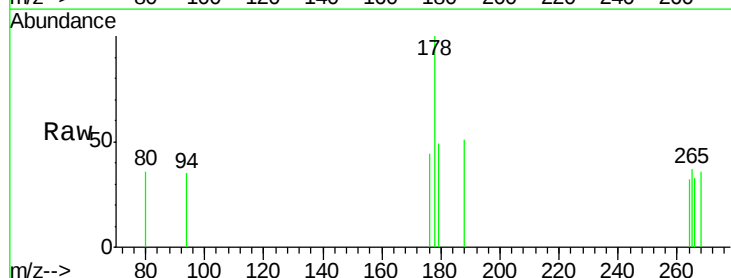
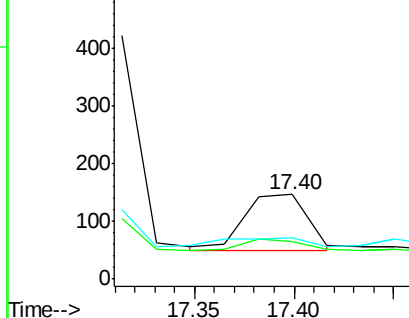
Delta R.T. 0.00 min

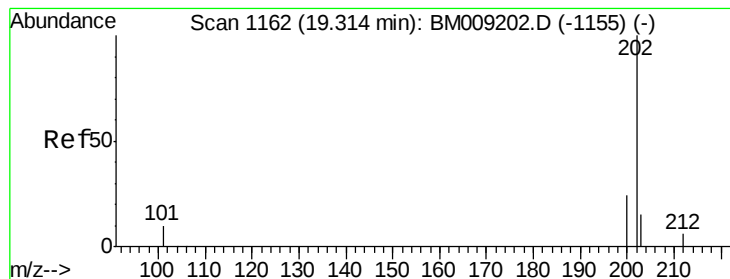
Lab File: BM009213.D

Acq: 11 Mar 2017 18:18

Tgt Ion:	178	Resp:	216
Ion Ratio	Lower	Upper	
178	100		
176	43.8	18.1	27.1#
179	49.3	14.7	22.1#

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





#15

Fluoranthene

Concen: 0.91 ng/ul

RT: 19.31 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BM009213.D

Acq: 11 Mar 2017 18:18

Instrument :

BNA_M

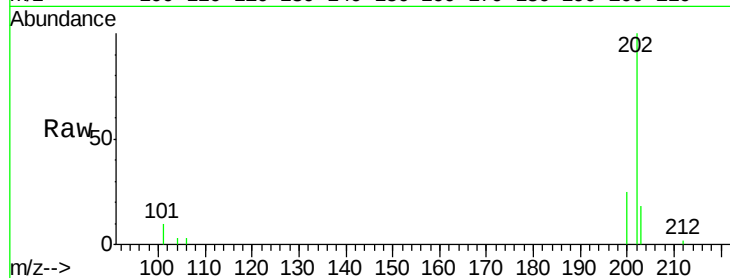
ClientSampleId :

C0AK2DL

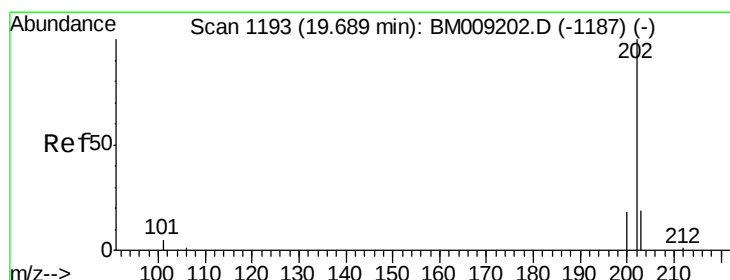
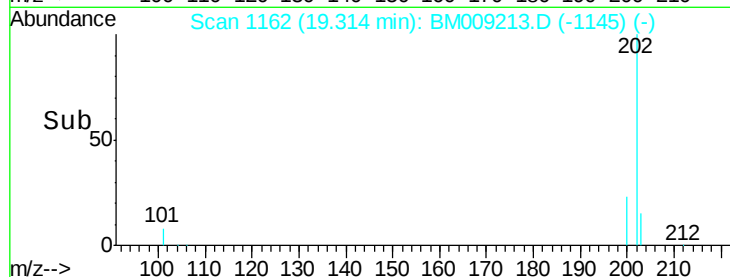
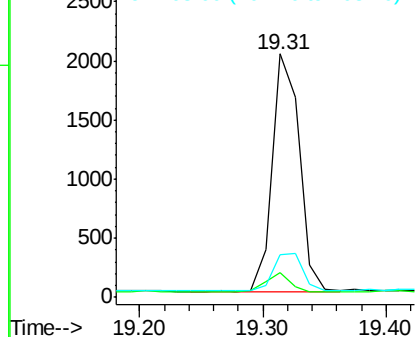
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	3090		
101	10.1	0.0	30.3	
203	17.6	0.0	39.5	

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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



#17

Pyrene

Concen: 0.94 ng/ul

RT: 19.68 min Scan# 1192

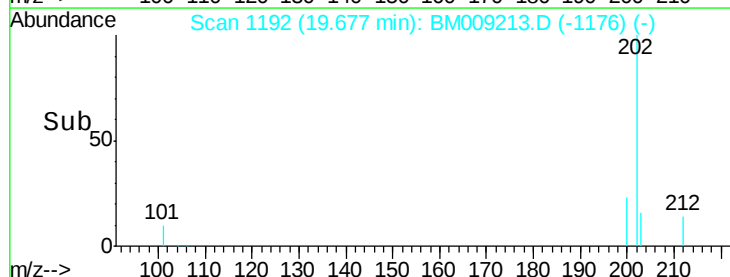
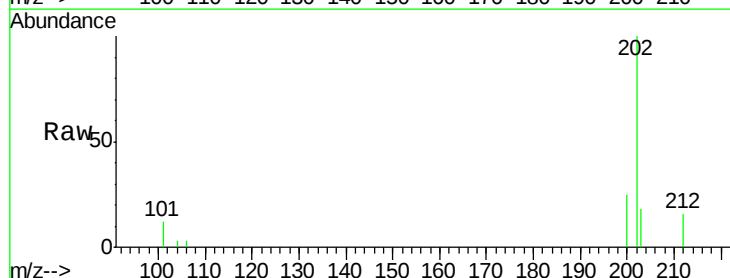
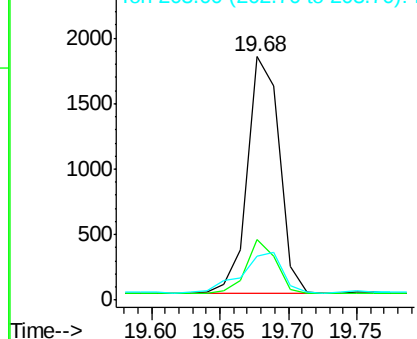
Delta R.T. -0.01 min

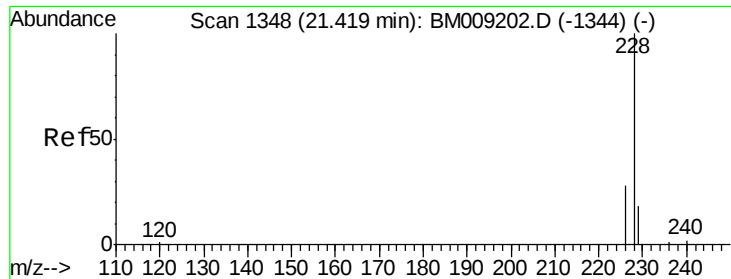
Lab File: BM009213.D

Acq: 11 Mar 2017 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	2933		
200	24.7	18.2	27.4	
203	18.2	15.6	23.4	

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





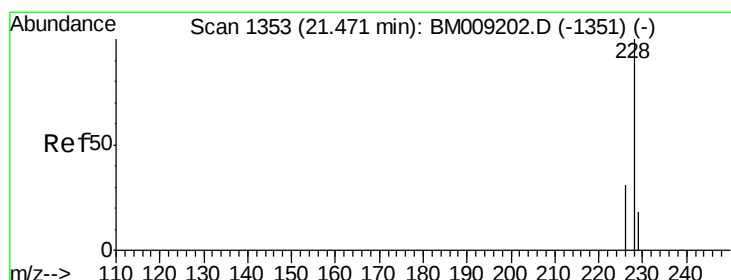
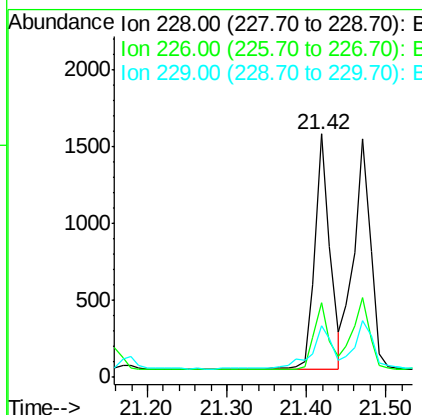
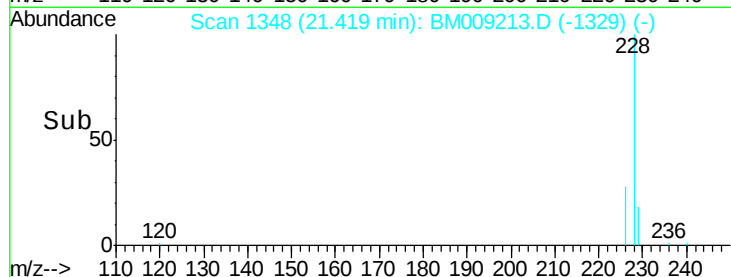
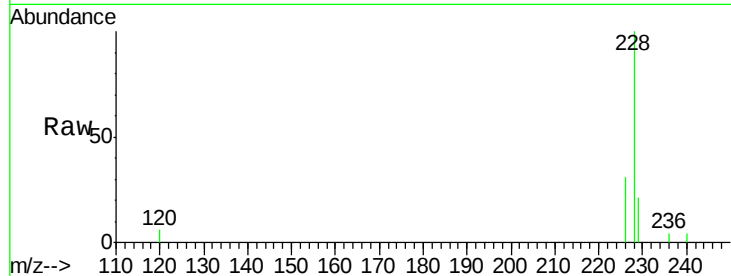
#18
Benzo(a)anthracene
Concen: 0.67 ng/ul
RT: 21.42 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BM009213.D
Acq: 11 Mar 2017 18:18

Instrument :
BNA_M
ClientSampleId :
C0AK2DL

Tgt Ion:	228	Resp:	2020
Ion Ratio	Lower	Upper	
228	100		
226	30.9	22.8	34.2
229	21.3	17.0	25.6

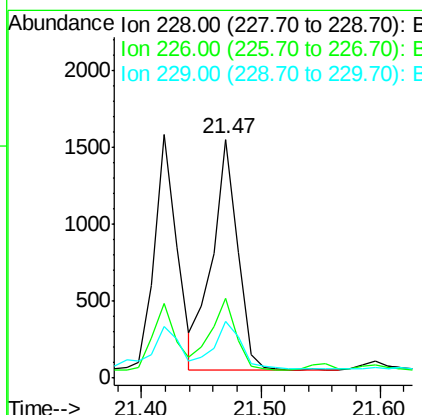
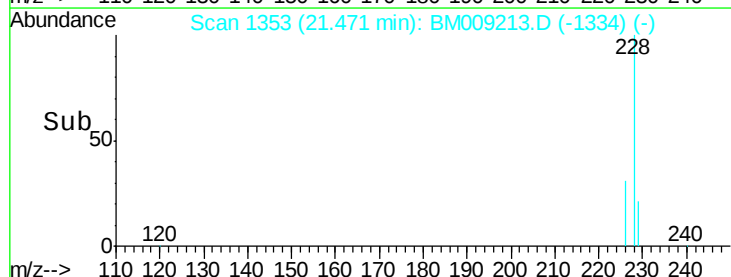
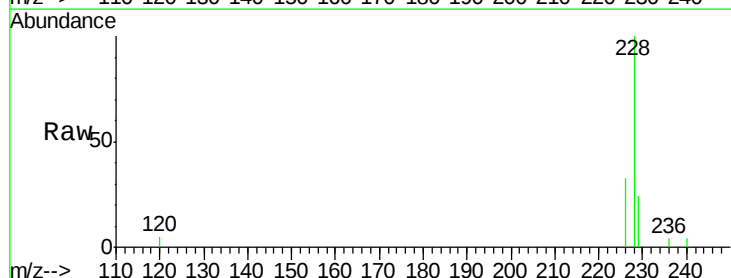
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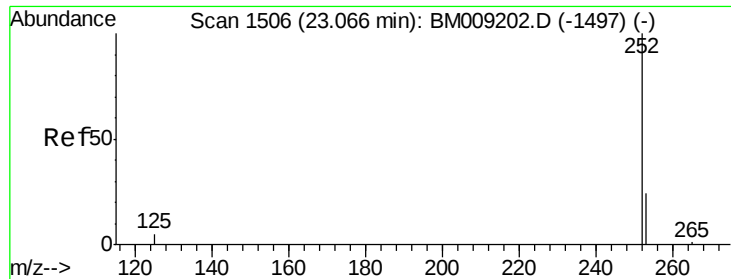
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#19
Chrysene
Concen: 0.78 ng/ul
RT: 21.47 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BM009213.D
Acq: 11 Mar 2017 18:18

Tgt Ion:	228	Resp:	2219
Ion Ratio	Lower	Upper	
228	100		
226	33.2	23.4	35.0
229	23.8	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 0.64 ng/ul m

RT: 23.07 min Scan# 1506

Delta R.T. 0.00 min

Lab File: BM009213.D

Acq: 11 Mar 2017 18:18

Instrument :

BNA_M

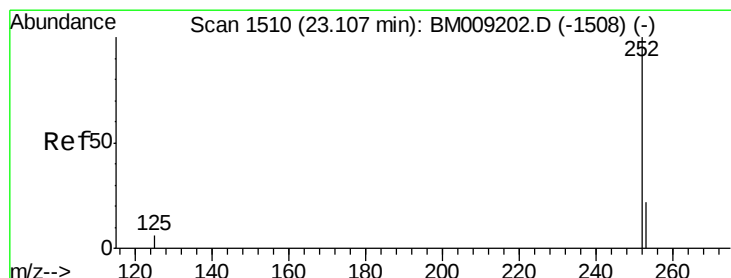
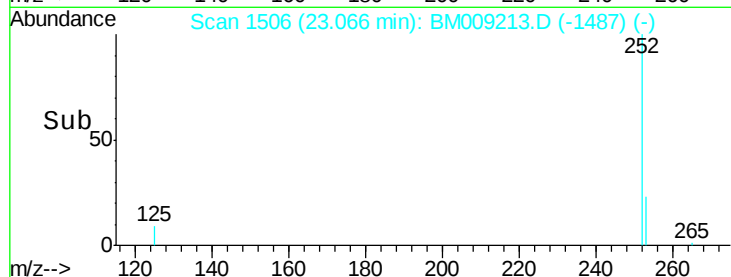
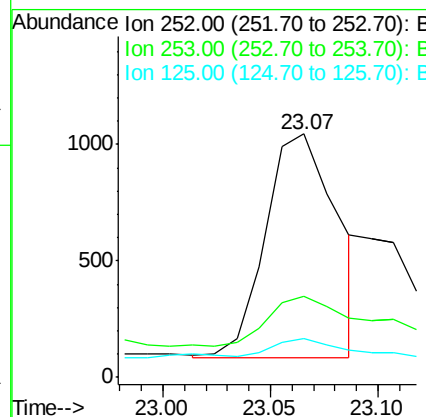
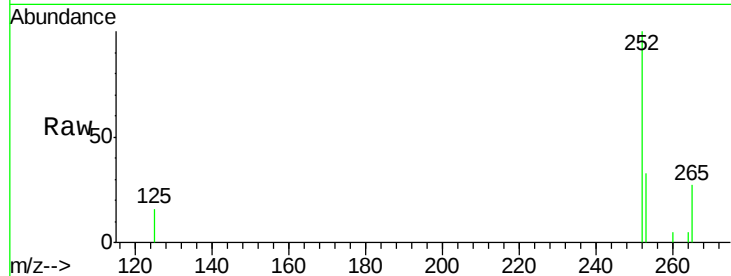
ClientSampleId :

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Tgt Ion:	252	Resp:	2251
Ion Ratio	Lower	Upper	
252	100		
253	33.5	0.0	64.2
125	16.0	0.0	35.0

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#22

Benzo(k)fluoranthene

Concen: 0.28 ng/ul m

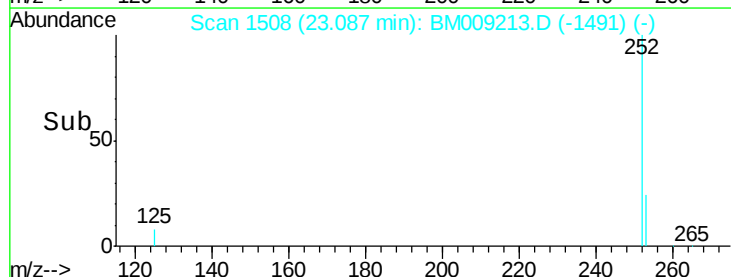
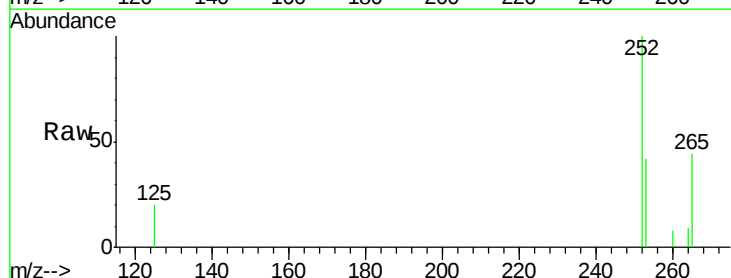
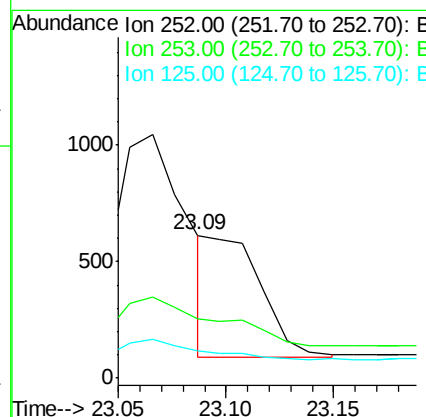
RT: 23.09 min Scan# 1508

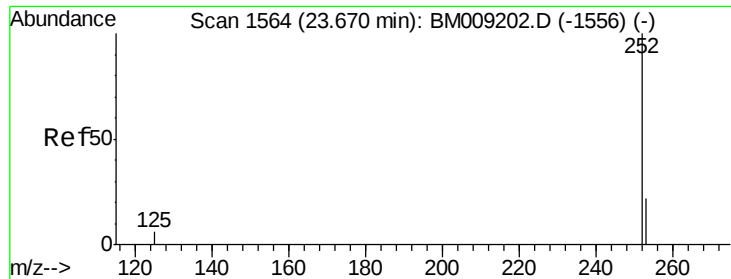
Delta R.T. -0.02 min

Lab File: BM009213.D

Acq: 11 Mar 2017 18:18

Tgt Ion:	252	Resp:	867
Ion Ratio	Lower	Upper	
252	100		
253	41.9	24.5	36.7#
125	19.5	13.7	20.5





#23

Benzo(a)pyrene

Concen: 0.41 ng/ul

RT: 23.67 min Scan# 1564

Delta R.T. 0.00 min

Lab File: BM009213.D

Acq: 11 Mar 2017 18:18

Instrument :

BNA_M

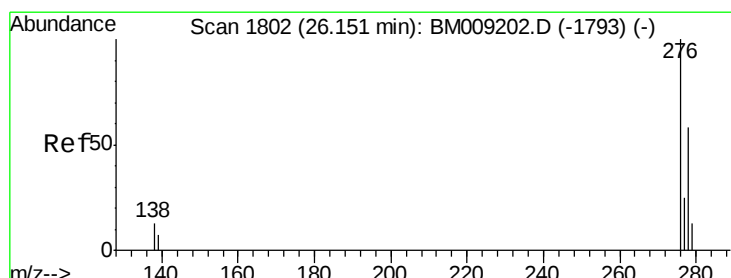
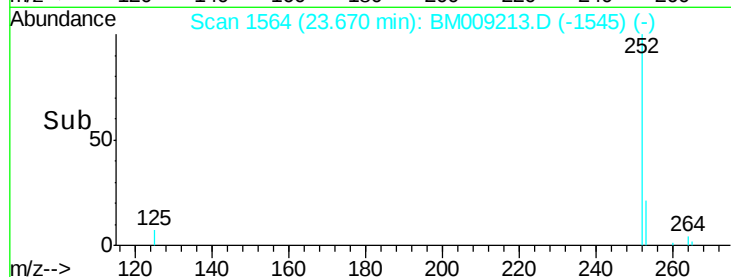
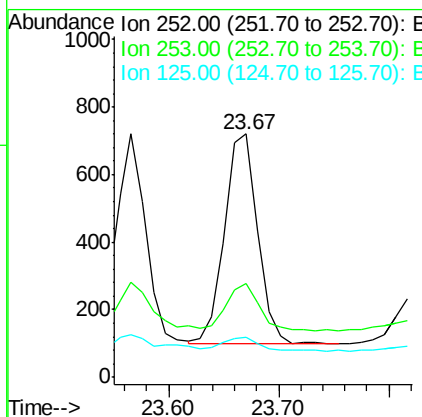
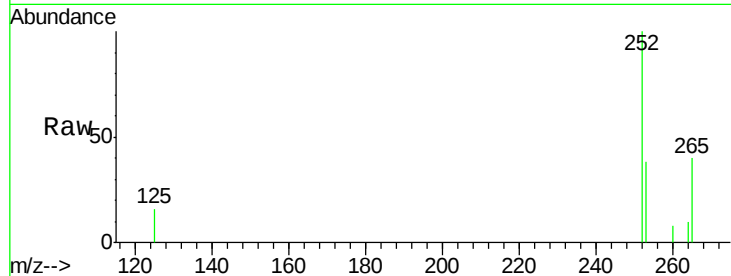
ClientSampleId :

C0AK2DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	38.3	28.5	42.7
125	16.4	18.1	27.1#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.21 ng/ul

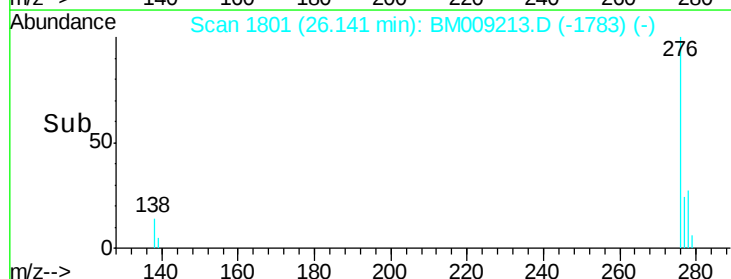
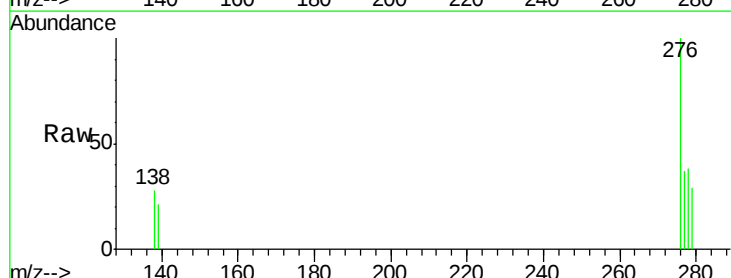
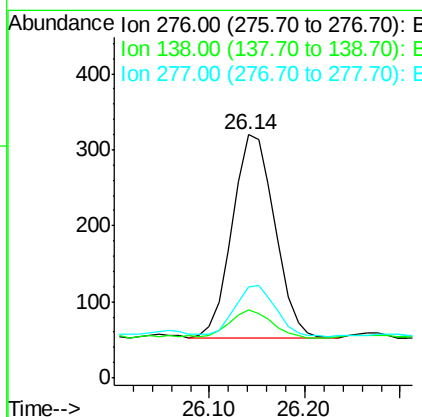
RT: 26.14 min Scan# 1801

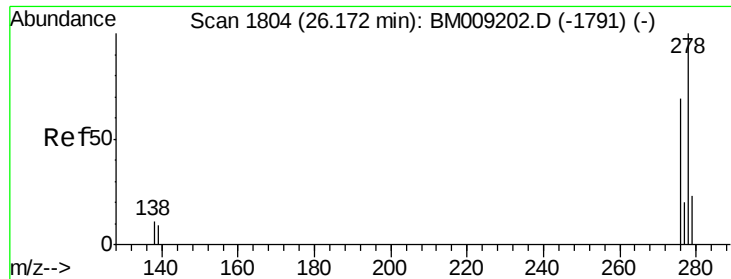
Delta R.T. -0.01 min

Lab File: BM009213.D

Acq: 11 Mar 2017 18:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.1	19.1	28.7#
277	24.6	19.6	29.4





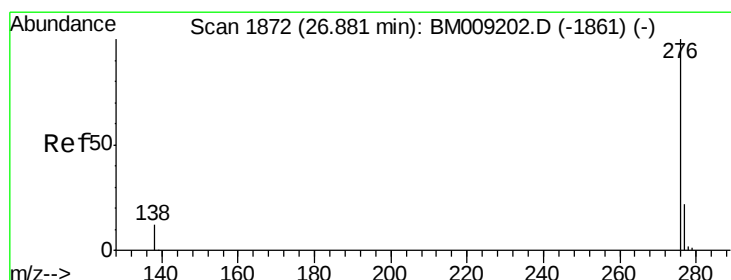
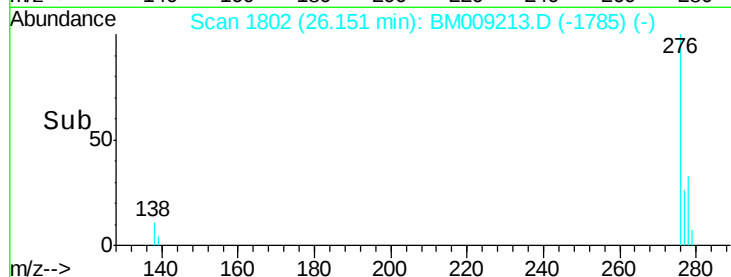
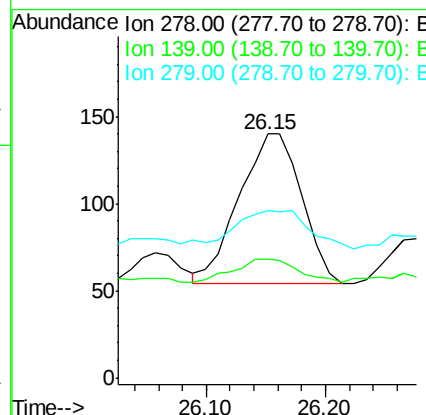
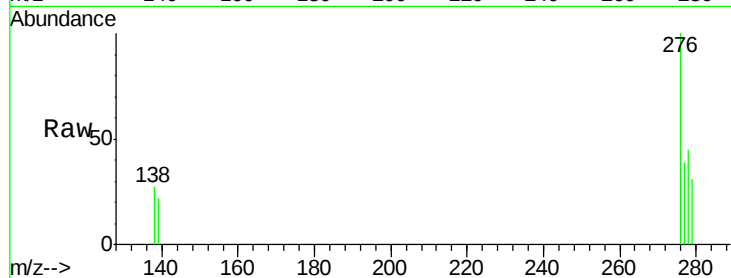
#25
Dibenzo(a,h)anthracene
Concen: 0.09 ng/ul
RT: 26.15 min Scan# 1802
Delta R.T. -0.02 min
Lab File: BM009213.D
Acq: 11 Mar 2017 18:18

Instrument :
BNA_M
ClientSampleId :
C0AK2DL

Tgt Ion	Ratio	Lower	Upper
278	100		
139	48.6	17.4	26.0#
279	68.6	25.9	38.9#

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#26
Benzo(g,h,i)perylene
Concen: 0.21 ng/ul
RT: 26.88 min Scan# 1872
Delta R.T. 0.00 min
Lab File: BM009213.D
Acq: 11 Mar 2017 18:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	40.4	21.8	32.8#
138	28.5	20.5	30.7

