

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030917\
 Data File : BM009160.D
 Acq On : 09 Mar 2017 23:57
 Operator : SJ/MA
 Sample : I2062-20DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK6DL

Manual Integrations
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 3/10/2017 6:01:44 PM

Quant Time: Mar 10 03:58:43 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 10 03:16:46 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	263	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	840	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	464	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	1087	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	1222	0.40	ng/ul	0.00
20) Perylene-d12	23.77	264	1260	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	76	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	216	0.06	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.73	128	1240	0.51	ng/ul#	93
5) 2-Methylnaphthalene	12.34	142	1006	0.58	ng/ul	100
12) Phenanthrene	17.30	178	1158	0.34	ng/ul#	89
13) Anthracene	17.40	178	186	0.06	ng/ul#	48
15) Fluoranthene	19.33	202	2087	0.47	ng/ul	94
17) Pyrene	19.69	202	2235	0.53	ng/ul	96
18) Benzo(a)anthracene	21.42	228	1360m	0.33	ng/ul	
19) Chrysene	21.47	228	1536m	0.40	ng/ul	
21) Benzo(b)fluoranthene	23.07	252	2611m	0.53	ng/ul	
22) Benzo(k)fluoranthene	23.11	252	896m	0.20	ng/ul	
23) Benzo(a)pyrene	23.67	252	1466m	0.33	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.16	276	948	0.17	ng/ul#	88
25) Dibenzo(a,h)anthracene	26.17	278	246	0.05	ng/ul#	17
26) Benzo(g,h,i)perylene	26.89	276	885	0.18	ng/ul#	88

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

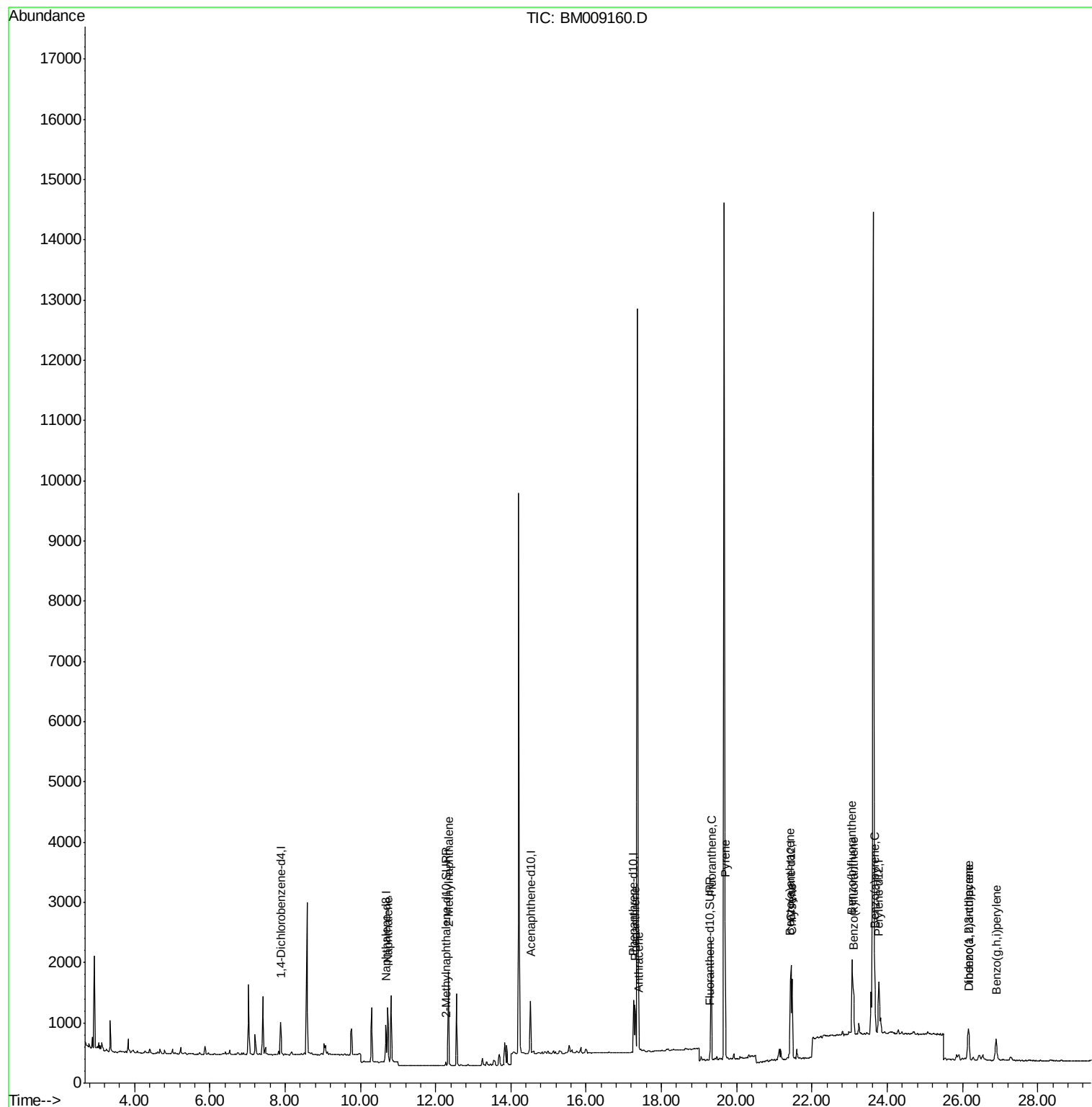
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030917\
Data File : BM009160.D
Acq On : 09 Mar 2017 23:57
Operator : SJ/MA
Sample : I2062-20DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

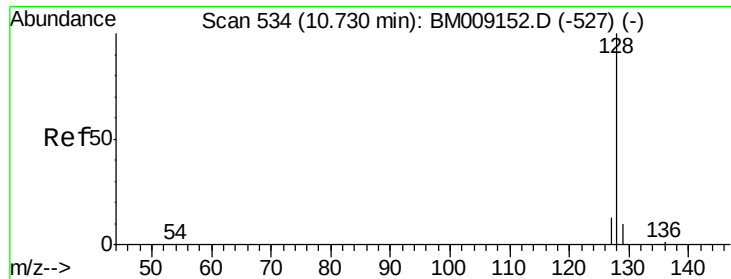
Instrument :
BNA_M
ClientSampleId :
C0AK6DL

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QLast Update : Fri Mar 10 03:16:46 2017
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#3

Naphthalene

Concen: 0.51 ng/ul

RT: 10.73 min Scan# 534

Delta R.T. -0.00 min

Lab File: BM009160.D

Acq: 09 Mar 2017 23:57

Instrument :

BNA_M

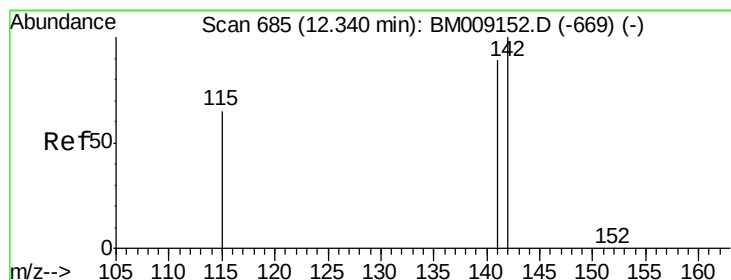
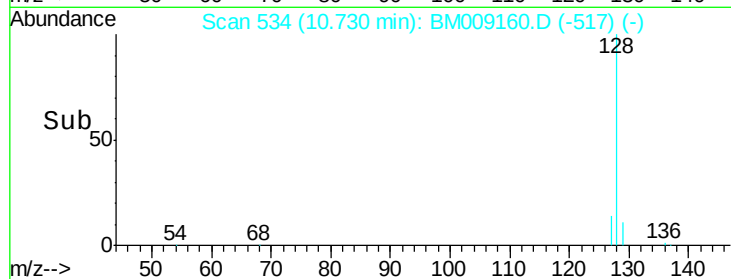
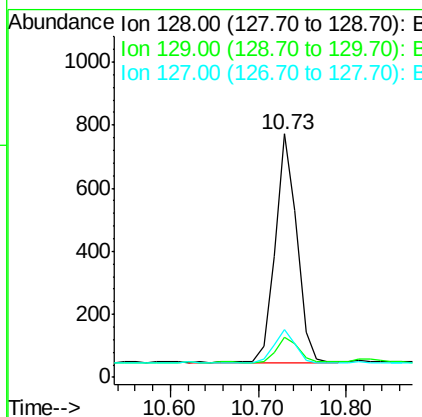
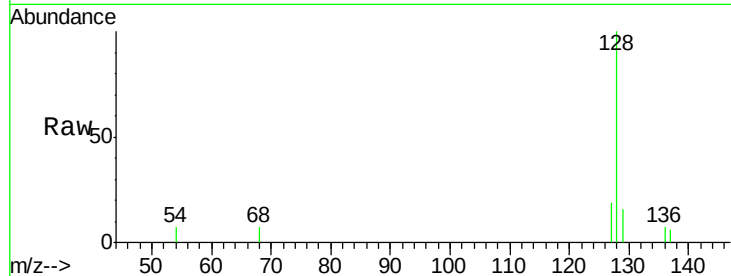
ClientSampled :

C0AK6DL

Tgt Ion:	128	Resp:	1240
Ion Ratio	Lower	Upper	
128	100		
129	16.3	11.3	16.9
127	19.4	12.8	19.2#

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#5

2-Methylnaphthalene

Concen: 0.58 ng/ul

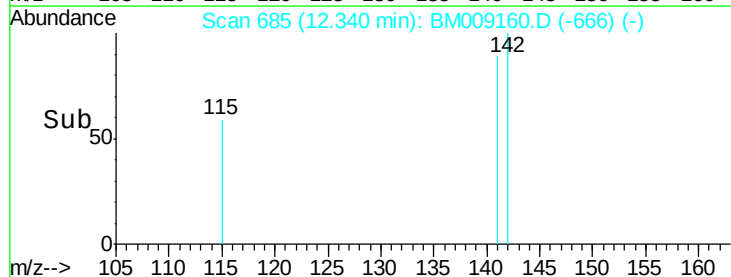
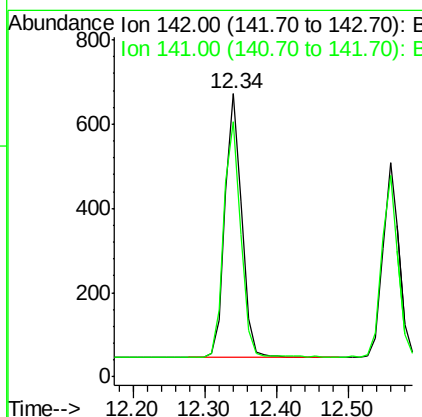
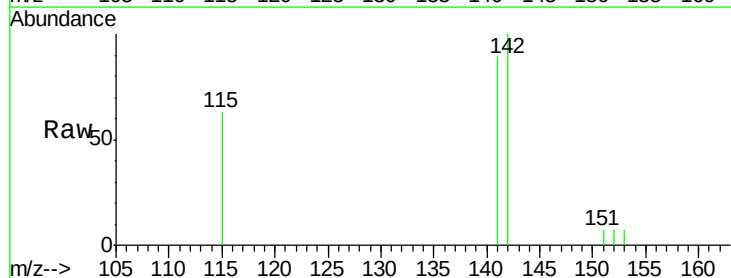
RT: 12.34 min Scan# 685

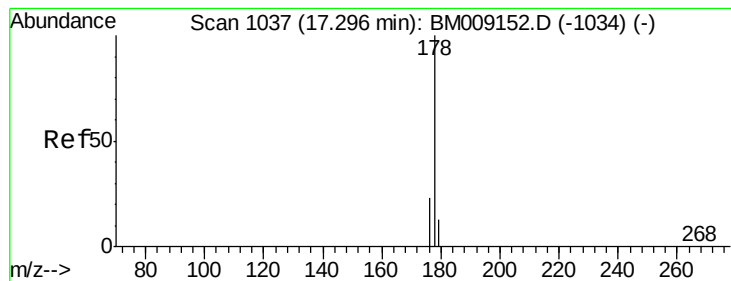
Delta R.T. -0.00 min

Lab File: BM009160.D

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Tgt Ion:	142	Resp:	1006
Ion Ratio	Lower	Upper	
142	100		
141	91.0	72.6	108.8





#12

Phenanthrene

Concen: 0.34 ng/ul

RT: 17.30 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BM009160.D

Acq: 09 Mar 2017 23:57

Instrument :

BNA_M

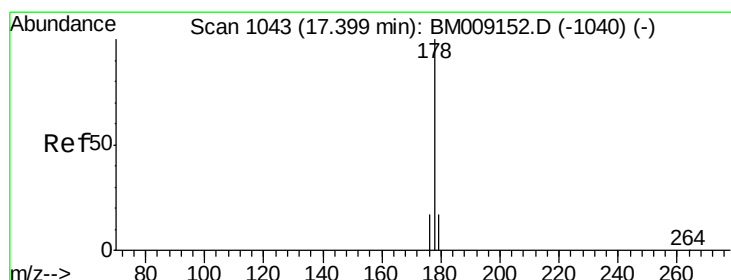
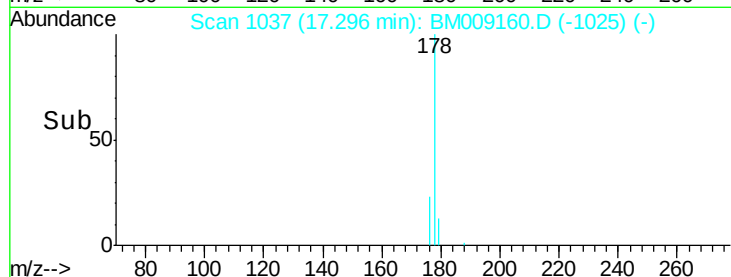
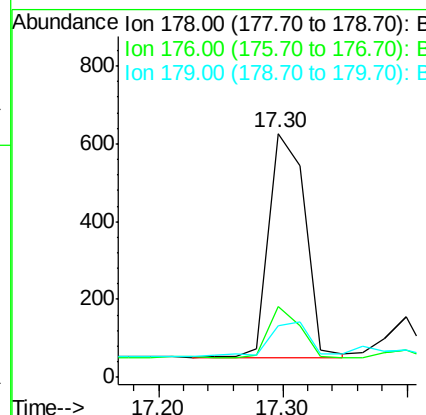
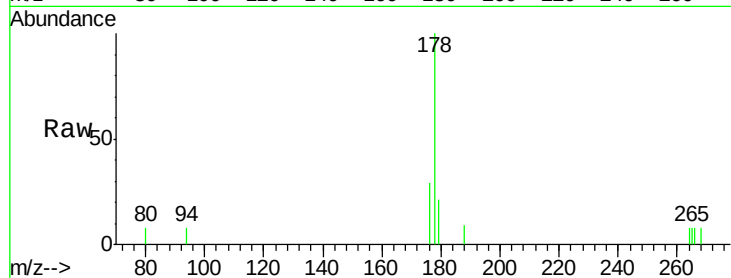
ClientSampleId :

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Tgt Ion:	178	Resp:	1158
Ion Ratio	Lower	Upper	
178	100		
176	28.9	18.4	27.6#
179	20.9	13.6	20.4#

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#13

Anthracene

Concen: 0.06 ng/ul

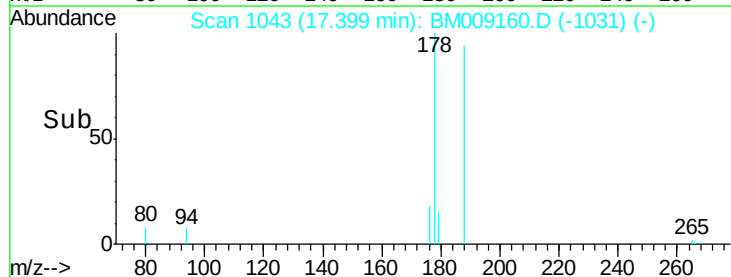
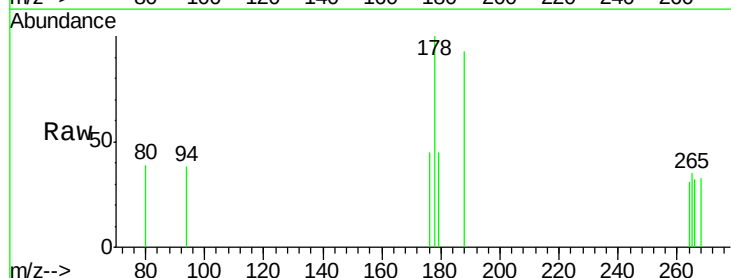
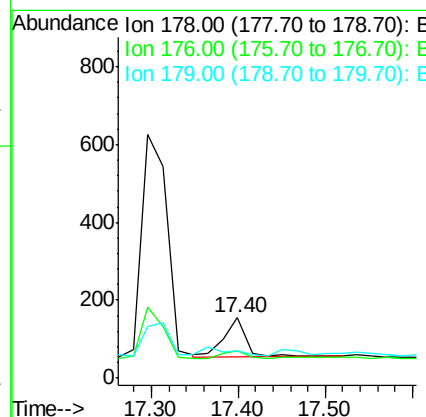
RT: 17.40 min Scan# 1043

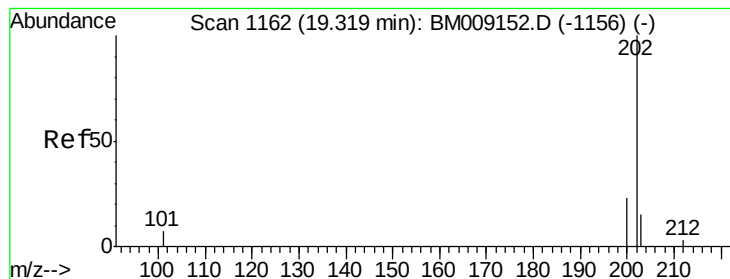
Delta R.T. -0.00 min

Lab File: BM009160.D

Acq: 09 Mar 2017 23:57

Tgt Ion:	178	Resp:	186
Ion Ratio	Lower	Upper	
178	100		
176	44.8	18.1	27.1#
179	44.8	14.7	22.1#





#15

Fluoranthene

Concen: 0.47 ng/ul

RT: 19.33 min Scan# 1163

Delta R.T. 0.01 min

Lab File: BM009160.D

Acq: 09 Mar 2017 23:57

Instrument :

BNA_M

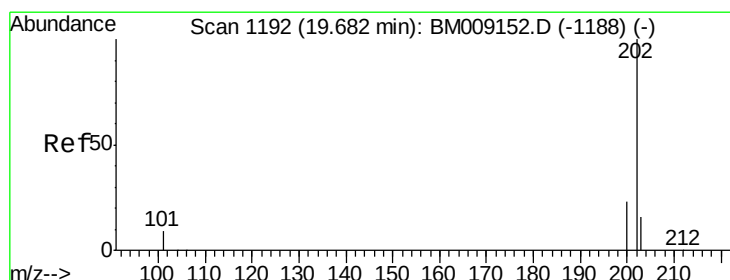
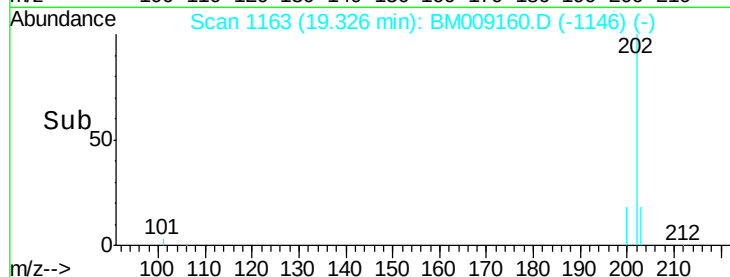
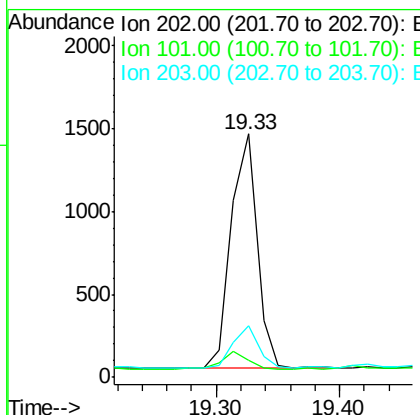
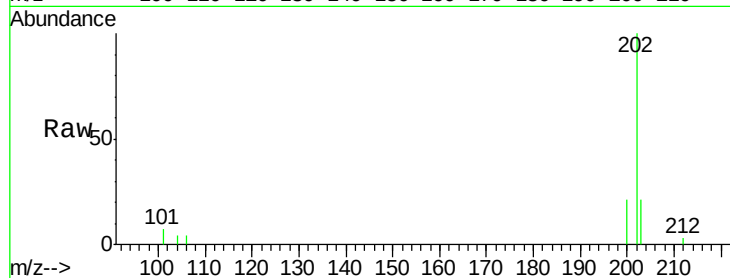
ClientSampleId :

C0AK6DL

Tgt Ion:	202	Resp:	2087
Ion Ratio	Lower	Upper	
202	100		
101	6.8	0.0	30.3
203	21.5	0.0	39.5

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#17

Pyrene

Concen: 0.53 ng/ul

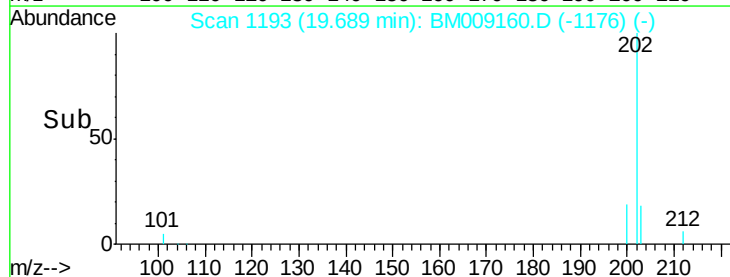
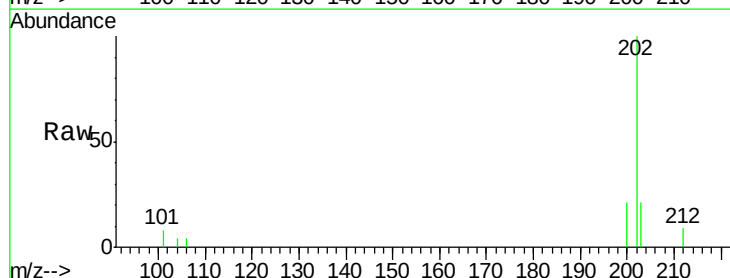
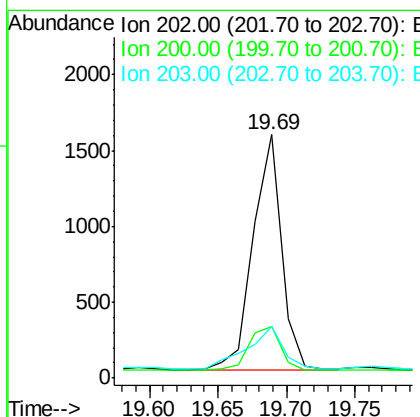
RT: 19.69 min Scan# 1193

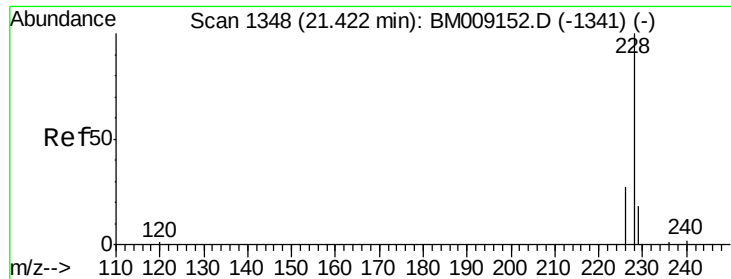
Delta R.T. 0.01 min

Lab File: BM009160.D

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Tgt Ion:	202	Resp:	2235
Ion Ratio	Lower	Upper	
202	100		
200	21.2	18.2	27.4
203	21.3	15.6	23.4





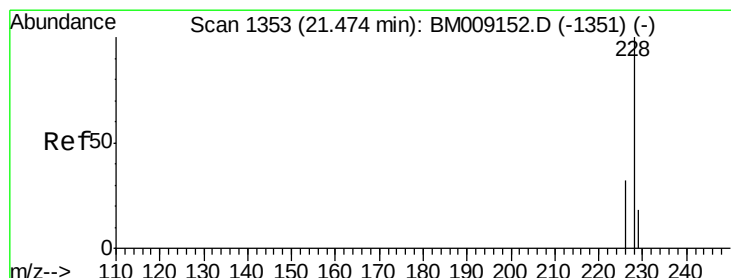
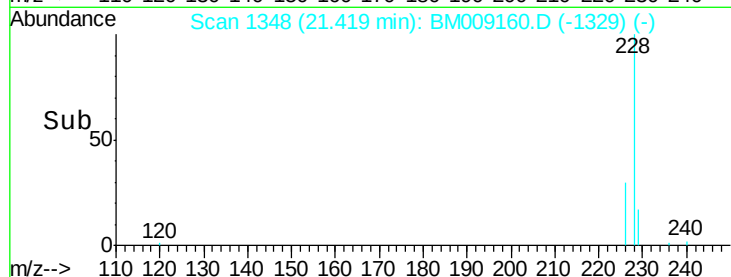
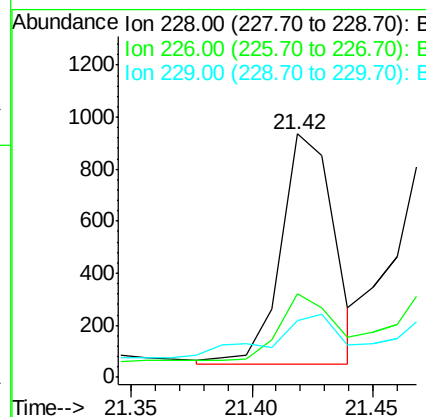
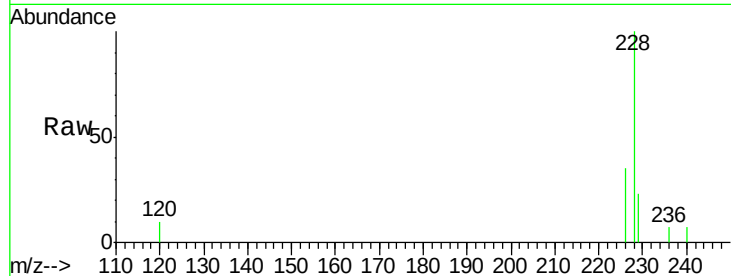
#18
Benzo(a)anthracene
Concen: 0.33 ng/ul m
RT: 21.42 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BM009160.D
Acq: 09 Mar 2017 23:57

Instrument :
BNA_M
ClientSampleId :
C0AK6DL

Tgt Ion:228 Resp: 1360
Ion Ratio Lower Upper
228 100
226 34.5 22.8 34.2#
229 23.3 17.0 25.6

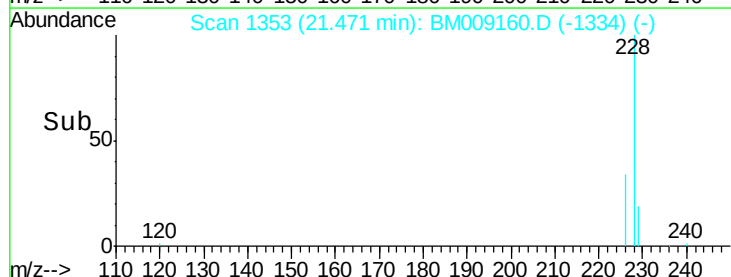
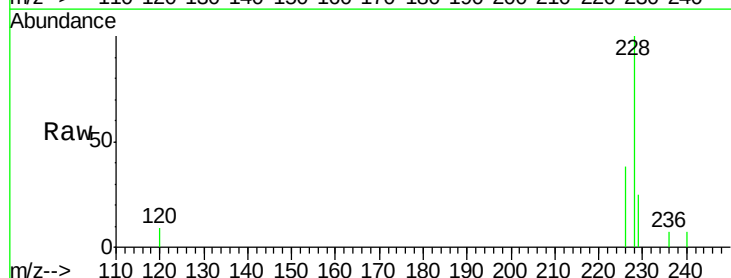
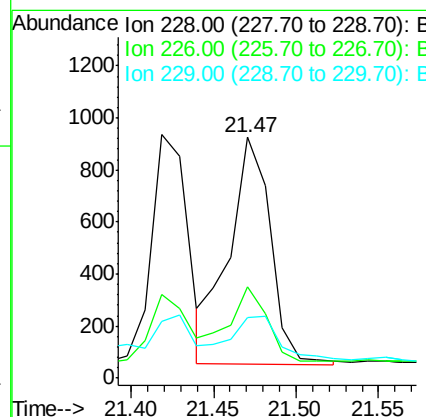
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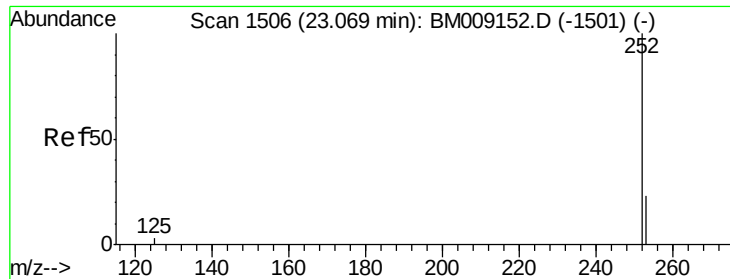
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#19
Chrysene
Concen: 0.40 ng/ul m
RT: 21.47 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BM009160.D
Acq: 09 Mar 2017 23:57

Tgt Ion:228 Resp: 1536
Ion Ratio Lower Upper
228 100
226 37.9 23.4 35.0#
229 25.4 17.7 26.5





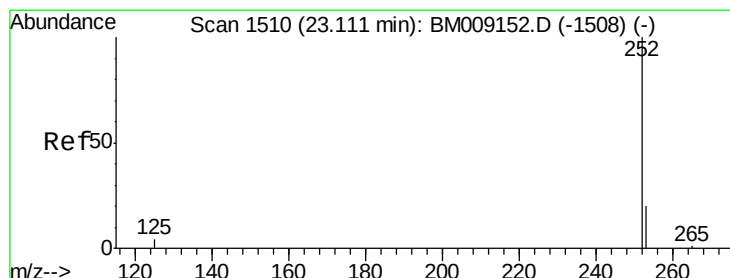
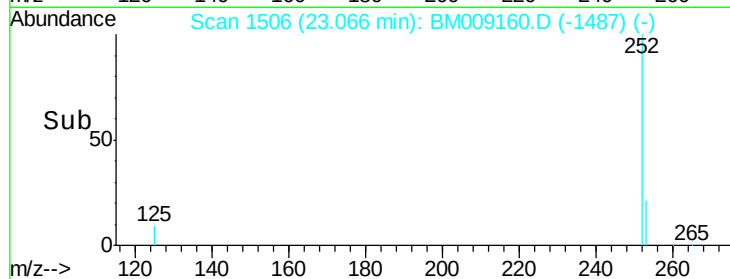
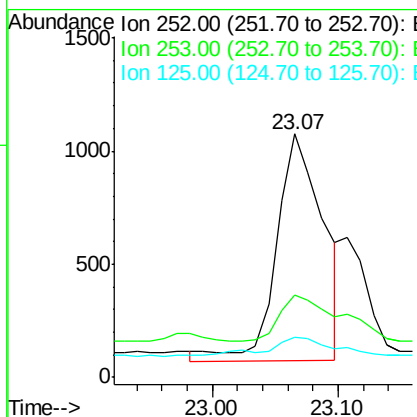
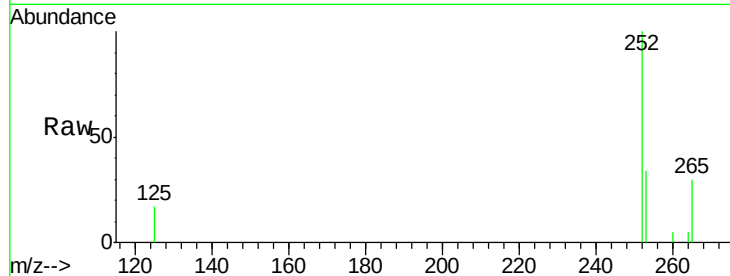
#21
Benzo(b)fluoranthene
Concen: 0.53 ng/ul m
RT: 23.07 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BM009160.D
Acq: 09 Mar 2017 23:57

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
252	100	2611		
253	33.8	0.0	64.2	
125	16.6	0.0	35.0	

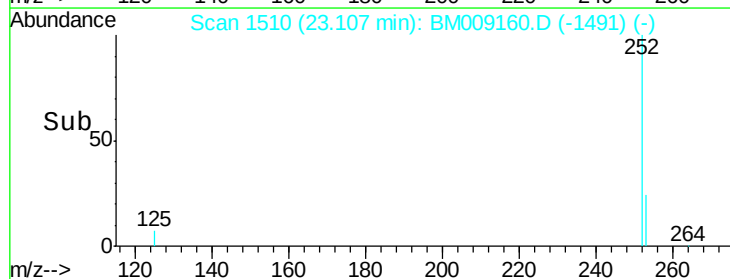
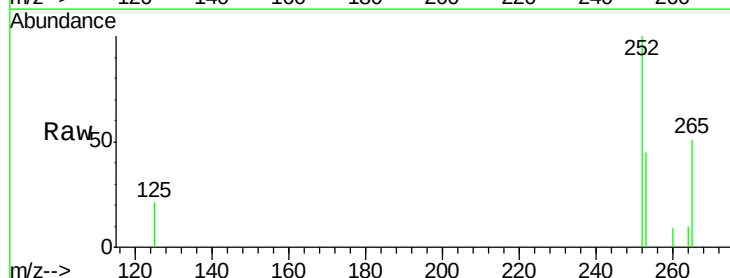
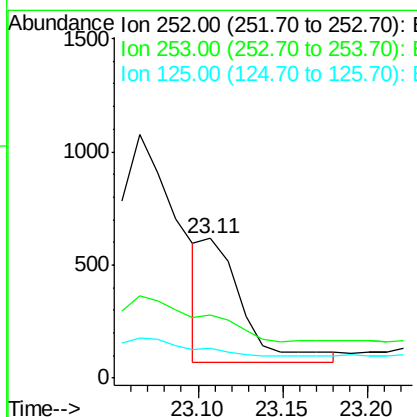
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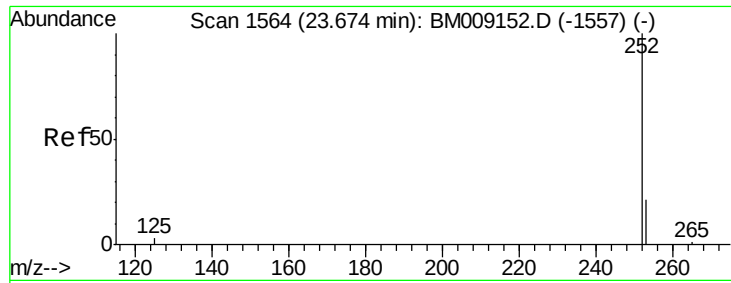
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#22
Benzo(k)fluoranthene
Concen: 0.20 ng/ul m
RT: 23.11 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BM009160.D
Acq: 09 Mar 2017 23:57

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	896		
253	45.2	24.5	36.7#	
125	21.4	13.7	20.5#	





#23

Benzo(a)pyrene

Concen: 0.33 ng/ul m

RT: 23.67 min Scan# 1564

Delta R.T. -0.00 min

Lab File: BM009160.D

Acq: 09 Mar 2017 23:57

Instrument :

BNA_M

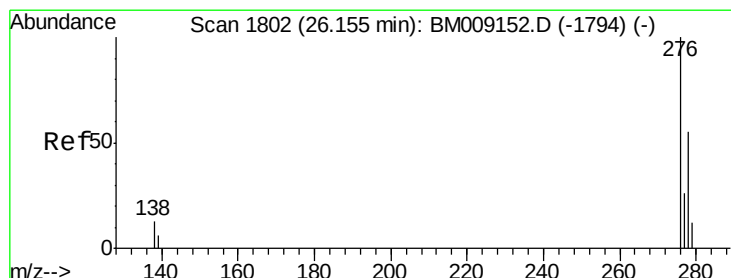
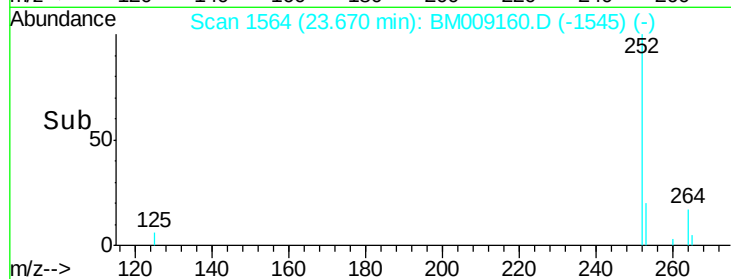
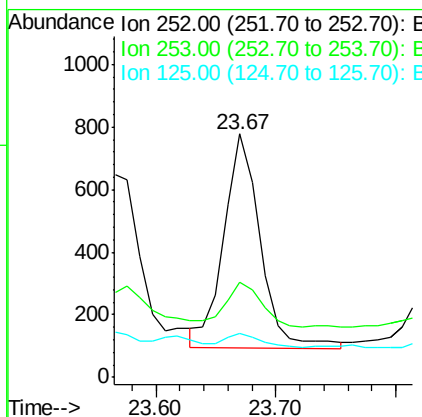
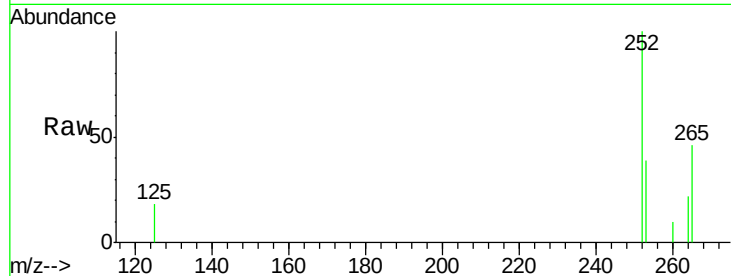
ClientSampleId :

C0AK6DL

Tgt Ion:	252	Resp:	1466
Ion Ratio	Lower	Upper	
252	100		
253	39.1	28.5	42.7
125	17.9	18.1	27.1#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.17 ng/ul

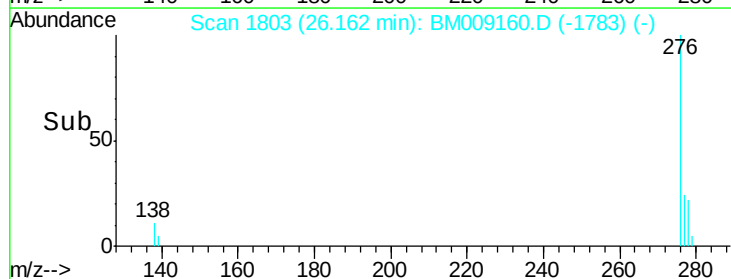
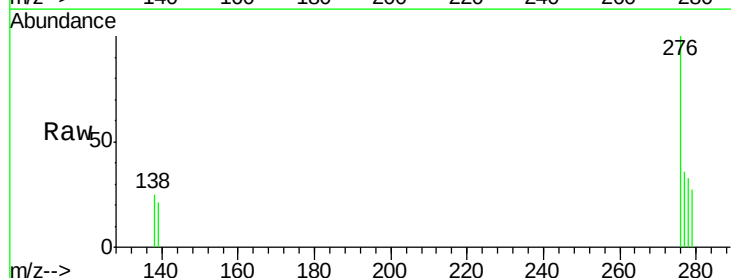
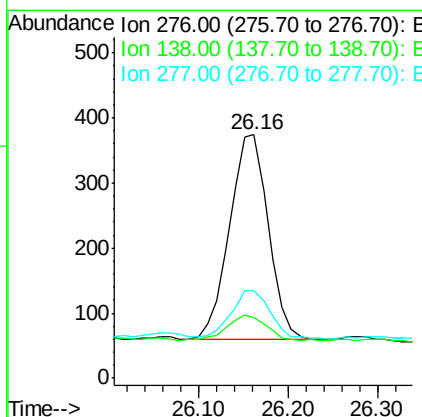
RT: 26.16 min Scan# 1803

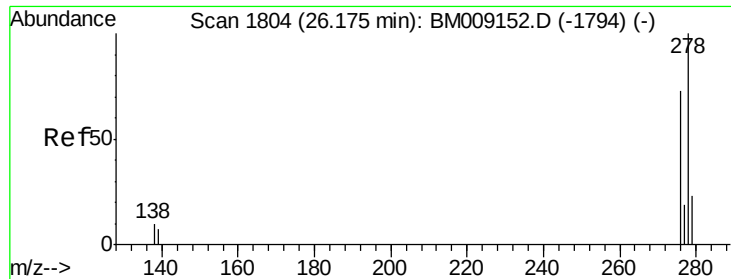
Delta R.T. 0.01 min

Lab File: BM009160.D

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Tgt Ion:	276	Resp:	948
Ion Ratio	Lower	Upper	
276	100		
138	12.6	19.1	28.7#
277	24.4	19.6	29.4





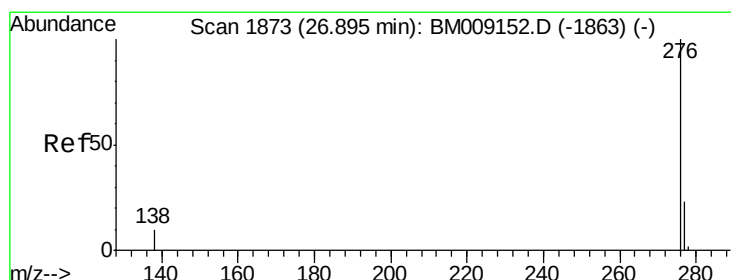
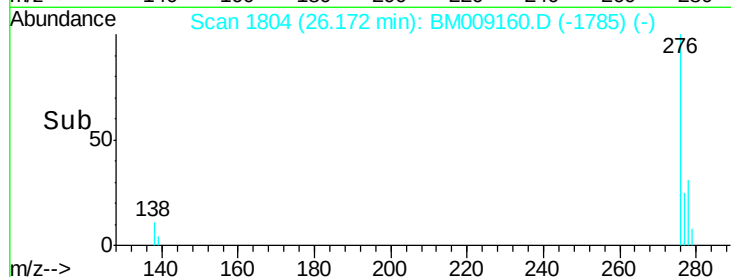
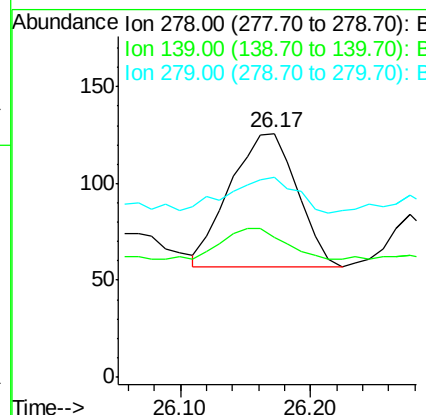
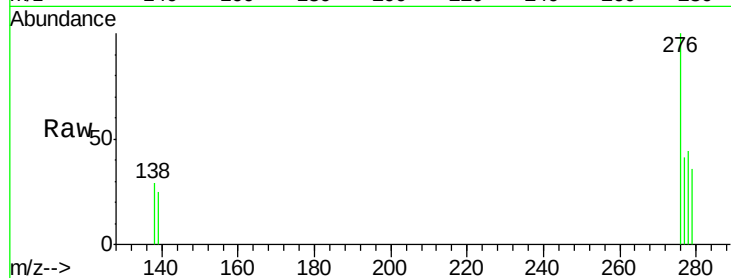
#25
Dibenzo(a,h)anthracene
Concen: 0.05 ng/ul
RT: 26.17 min Scan# 1804
Delta R.T. -0.00 min
Lab File: BM009160.D
Acq: 09 Mar 2017 23:57

Instrument :
BNA_M
ClientSampled :
C0AK6DL

Tgt Ion	Ratio	Lower	Upper
278	100		
139	57.1	17.4	26.0#
279	81.7	25.9	38.9#

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#26
Benzo(g,h,i)perylene
Concen: 0.18 ng/ul
RT: 26.89 min Scan# 1873
Delta R.T. -0.00 min
Lab File: BM009160.D
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Tgt Ion	Ratio	Lower	Upper
276	100		
277	37.8	21.8	32.8#
138	26.9	20.5	30.7

