

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030917\
 Data File : BM009154.D
 Acq On : 09 Mar 2017 20:21
 Operator : SJ/MA
 Sample : I2069-18
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ3

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Quant Time: Mar 10 03:27:54 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	250	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	798	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	509	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	1133m	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	1379	0.40	ng/ul	0.00
20) Perylene-d12	23.78	264	1203m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.27	152	358	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	1129m	0.32	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.73	128	922	0.40	ng/ul#	90
5) 2-Methylnaphthalene	12.34	142	661	0.40	ng/ul	99
12) Phenanthrene	17.30	178	2141	0.60	ng/ul	96
13) Anthracene	17.40	178	396	0.11	ng/ul#	74
15) Fluoranthene	19.32	202	5549	1.20	ng/ul	95
17) Pyrene	19.68	202	5287	1.11	ng/ul	97
18) Benzo(a)anthracene	21.42	228	3119	0.68	ng/ul	96
19) Chrysene	21.47	228	3358	0.77	ng/ul	93
21) Benzo(b)fluoranthene	23.07	252	4850m	1.03	ng/ul	
22) Benzo(k)fluoranthene	23.11	252	1358m	0.32	ng/ul	
23) Benzo(a)pyrene	23.67	252	3066m	0.72	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.15	276	2005m	0.37	ng/ul	
25) Dibenzo(a,h)anthracene	26.17	278	562m	0.12	ng/ul	
26) Benzo(g,h,i)perylene	26.88	276	1868m	0.40	ng/ul	

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

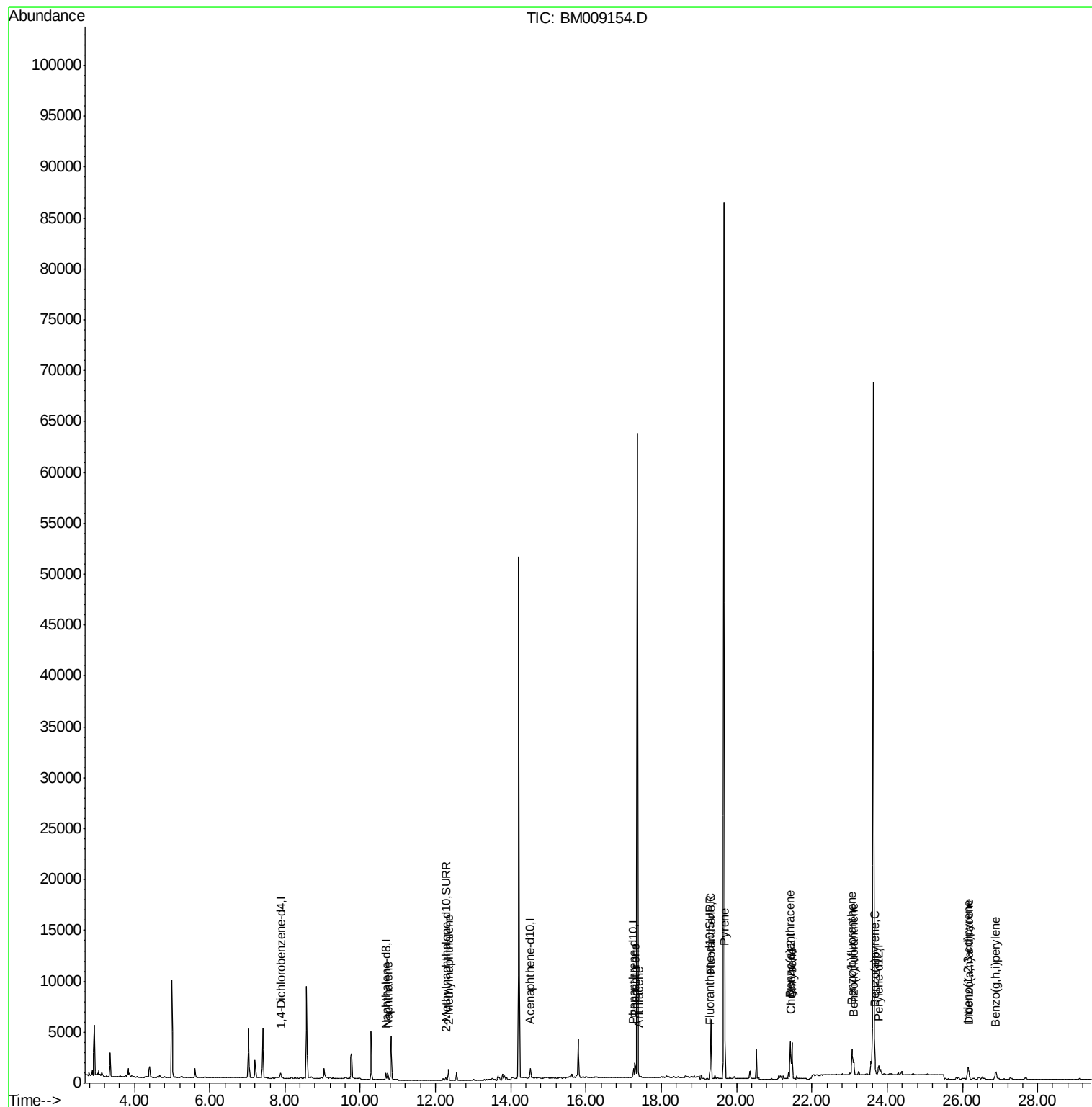
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030917\
Data File : BM009154.D
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Misc :
ALS Vial : 17 Sample Multiplier: 1

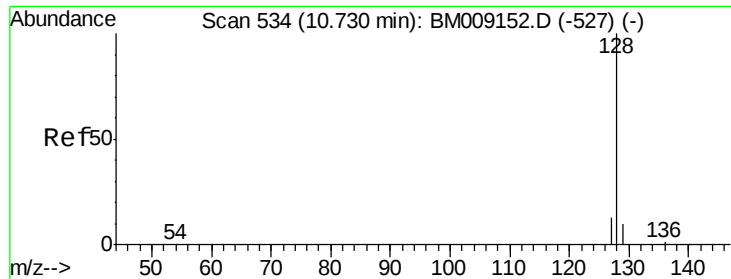
Instrument :
BNA_M
ClientSampleId :
C0AJ3

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Quant Time: Mar 10 03:27:54 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
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QLast Update : Fri Mar 10 03:16:46 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.40 ng/ul

RT: 10.73 min Scan# 534

Delta R.T. 0.00 min

Lab File: BM009154.D

Acq: 09 Mar 2017 20:21

Instrument :

BNA_M

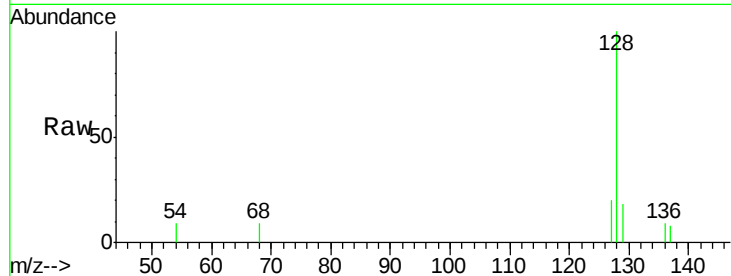
ClientSampleId :

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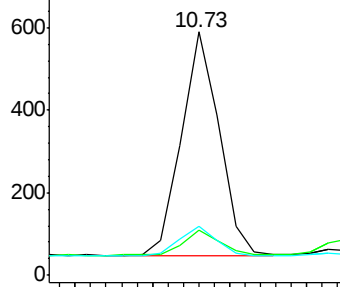
Tgt Ion:	128	Resp:	922
Ion Ratio	Lower	Upper	
128	100		
129	18.3	11.3	16.9#
127	20.0	12.8	19.2#

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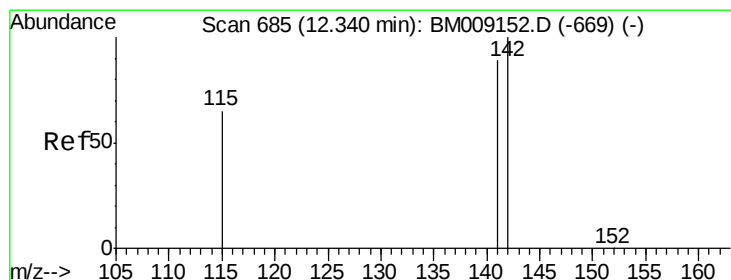
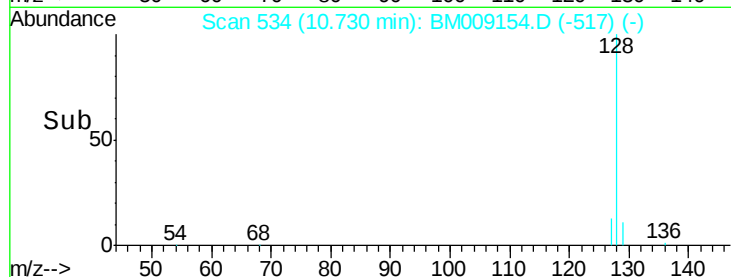
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



Time-->



#5

2-Methylnaphthalene

Concen: 0.40 ng/ul

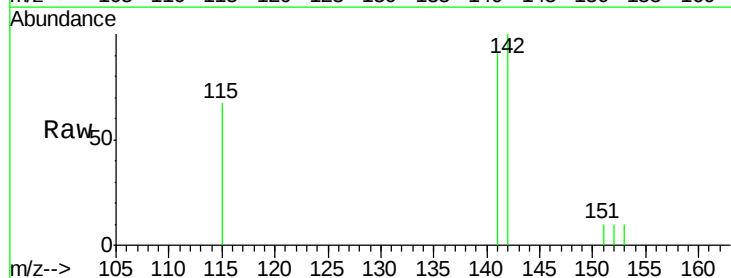
RT: 12.34 min Scan# 685

Delta R.T. 0.00 min

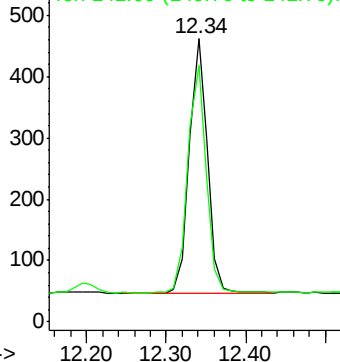
Lab File: BM009154.D

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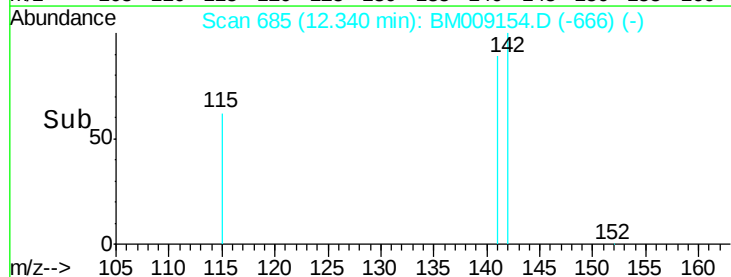
Tgt Ion:	142	Resp:	661
Ion Ratio	Lower	Upper	
142	100		
141	92.0	72.6	108.8

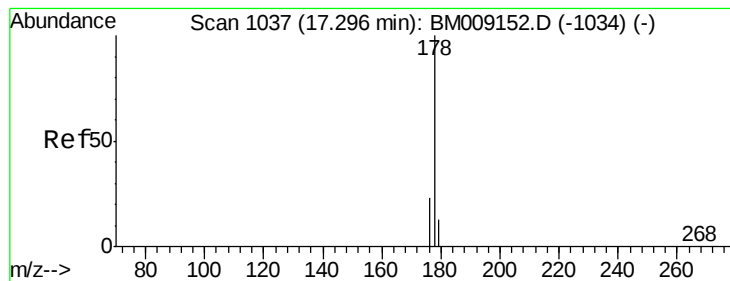


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->





#12

Phenanthrene

Concen: 0.60 ng/ul

RT: 17.30 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BM009154.D

Acq: 09 Mar 2017 20:21

Instrument :

BNA_M

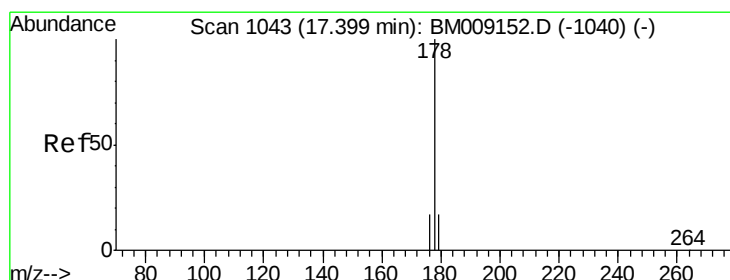
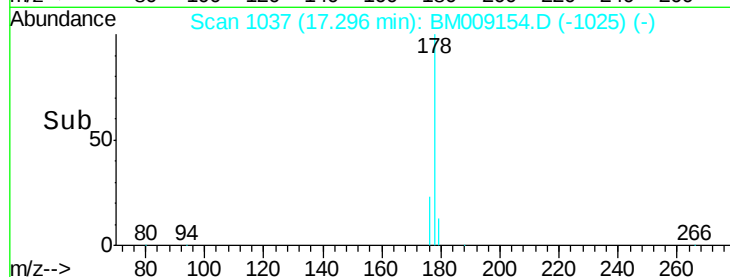
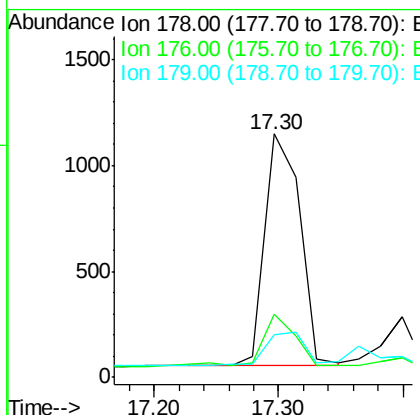
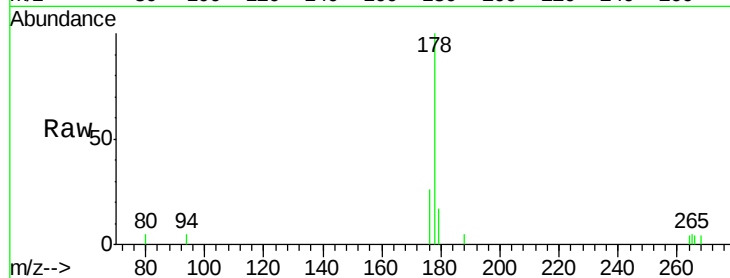
ClientSampleId :

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Tgt Ion:	178	Resp:	2141
Ion Ratio	Lower	Upper	
178	100		
176	26.2	18.4	27.6
179	17.4	13.6	20.4

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#13

Anthracene

Concen: 0.11 ng/ul

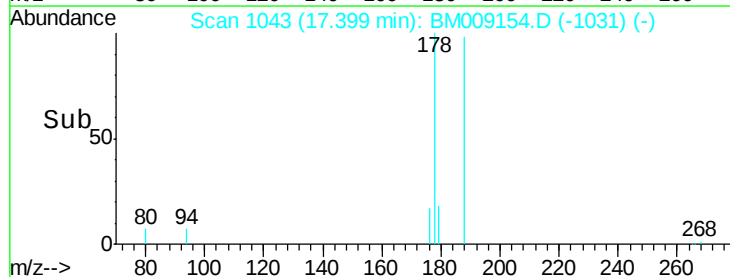
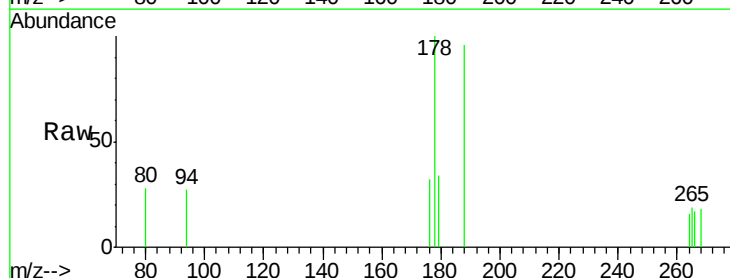
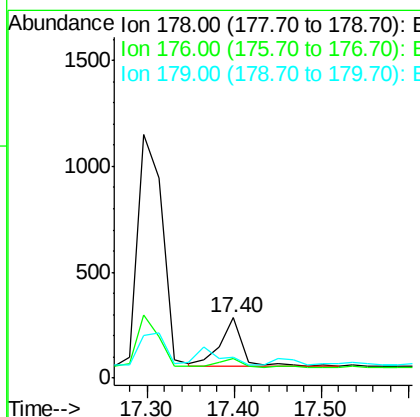
RT: 17.40 min Scan# 1043

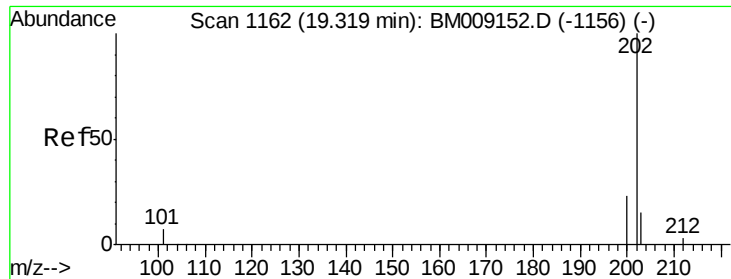
Delta R.T. 0.00 min

Lab File: BM009154.D

Acq: 09 Mar 2017 20:21

Tgt Ion:	178	Resp:	396
Ion Ratio	Lower	Upper	
178	100		
176	31.9	18.1	27.1#
179	34.0	14.7	22.1#





#15

Fluoranthene

Concen: 1.20 ng/ul

RT: 19.32 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BM009154.D

Acq: 09 Mar 2017 20:21

Instrument :

BNA_M

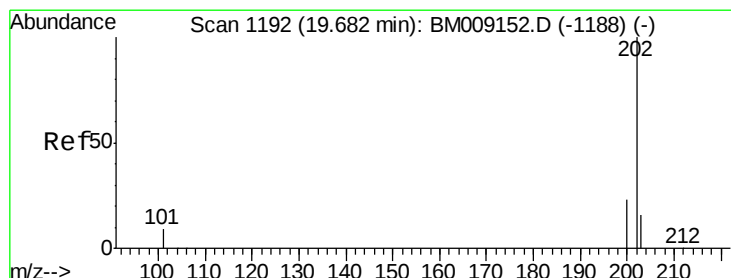
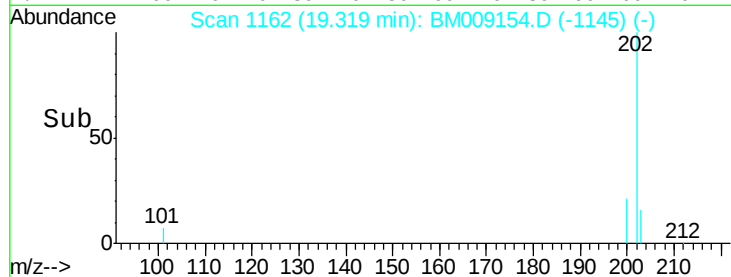
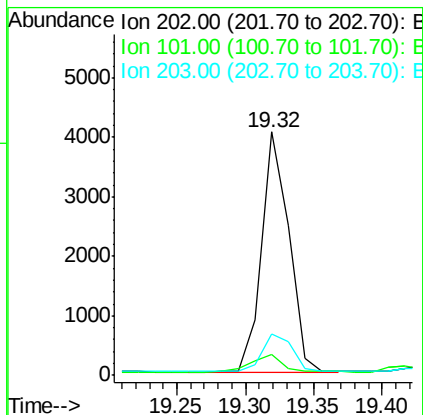
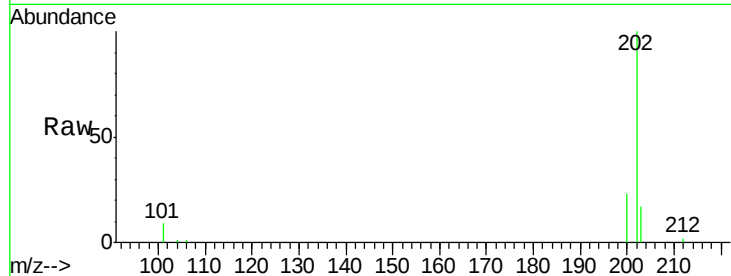
ClientSampled :

C0AJ3

Tgt Ion:	202	Resp:	5549
Ion Ratio	Lower	Upper	
202	100		
101	8.7	0.0	30.3
203	17.1	0.0	39.5

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#17

Pyrene

Concen: 1.11 ng/ul

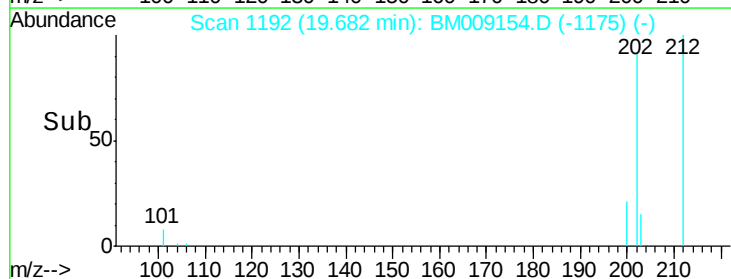
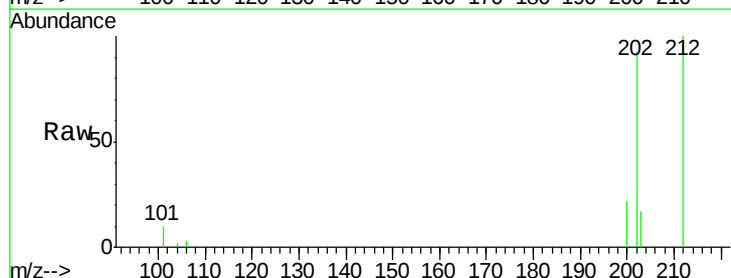
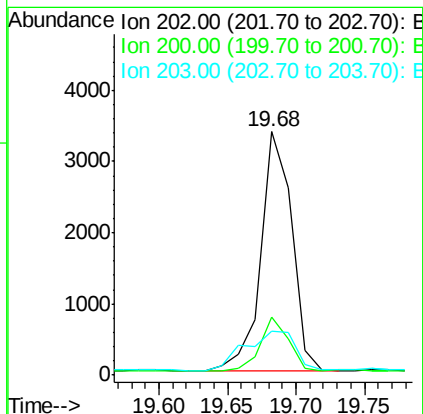
RT: 19.68 min Scan# 1192

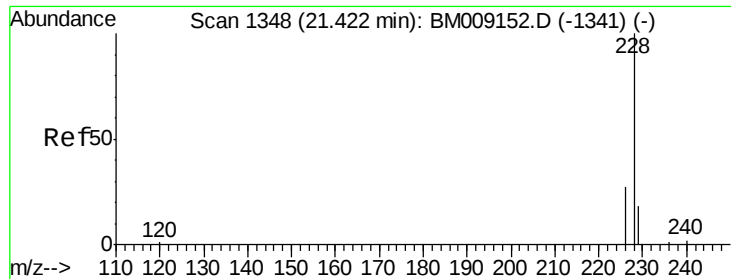
Delta R.T. 0.00 min

Lab File: BM009154.D

Acq: 09 Mar 2017 20:21

Tgt Ion:	202	Resp:	5287
Ion Ratio	Lower	Upper	
202	100		
200	24.0	18.2	27.4
203	17.9	15.6	23.4





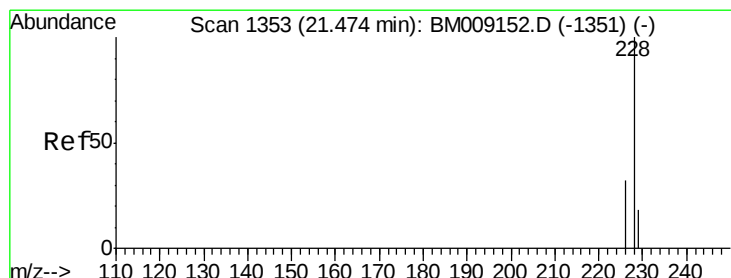
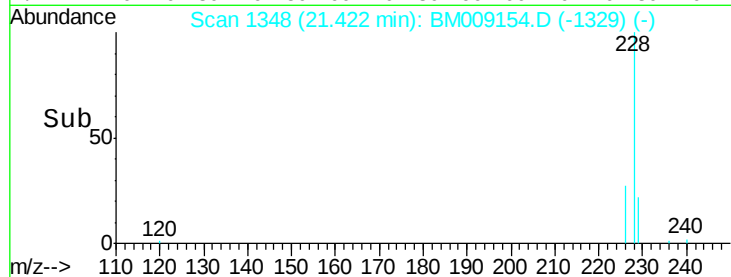
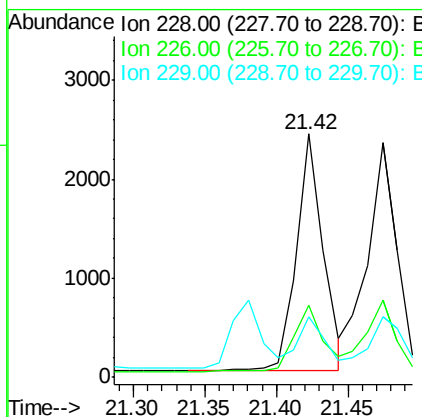
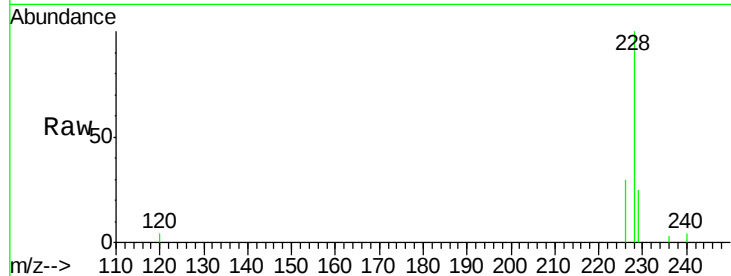
#18
Benzo(a)anthracene
Concen: 0.68 ng/ul
RT: 21.42 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BM009154.D
Acq: 09 Mar 2017 20:21

Instrument :
BNA_M
ClientSampleId :
C0AJ3

Tgt Ion:	228	Resp:	3119
Ion Ratio	Lower	Upper	
228	100		
226	29.6	22.8	34.2
229	24.8	17.0	25.6

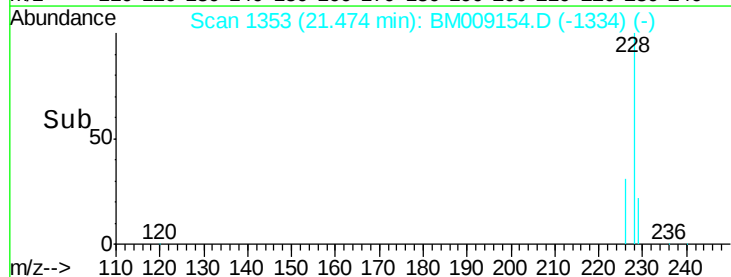
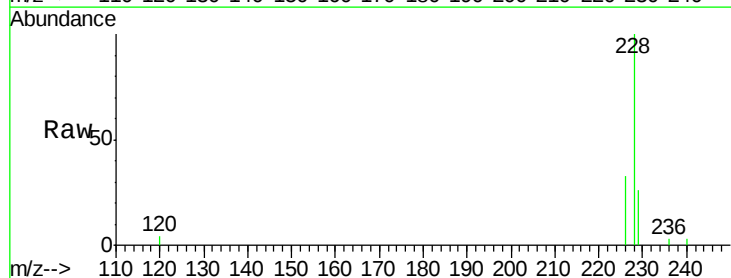
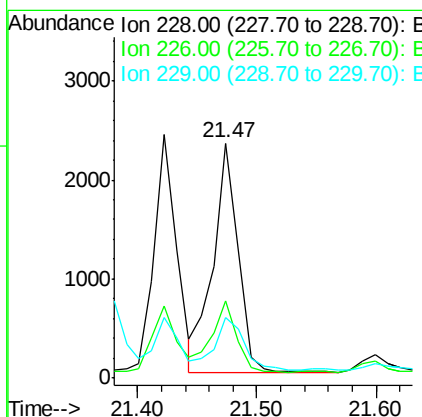
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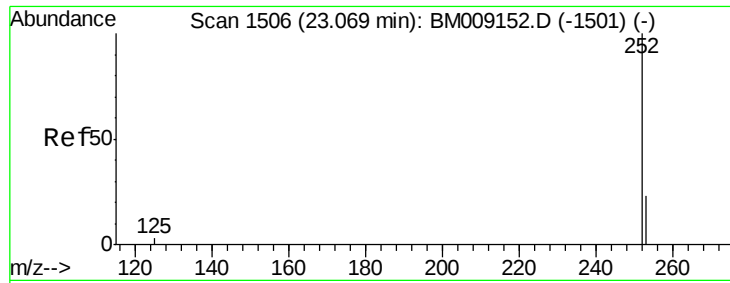
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#19
Chrysene
Concen: 0.77 ng/ul
RT: 21.47 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BM009154.D
Acq: 09 Mar 2017 20:21

Tgt Ion:	228	Resp:	3358
Ion Ratio	Lower	Upper	
228	100		
226	32.7	23.4	35.0
229	25.7	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 1.03 ng/ul m

RT: 23.07 min Scan# 1506

Delta R.T. 0.00 min

Lab File: BM009154.D

Acq: 09 Mar 2017 20:21

Instrument :

BNA_M

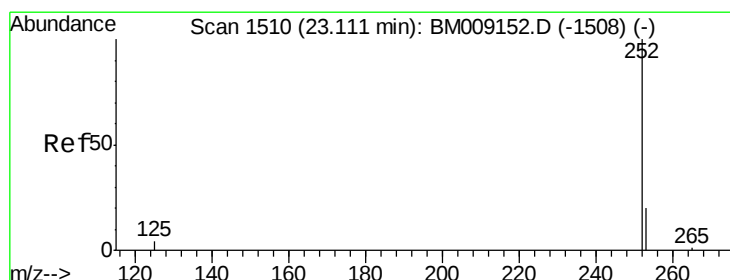
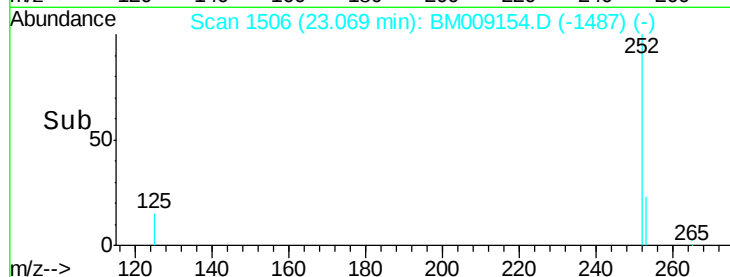
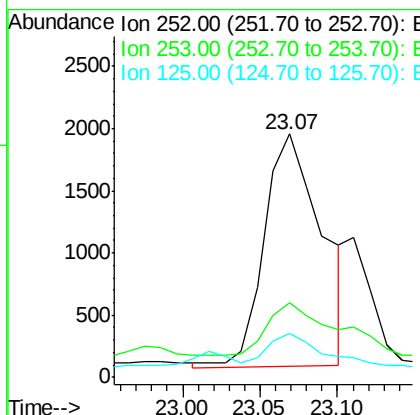
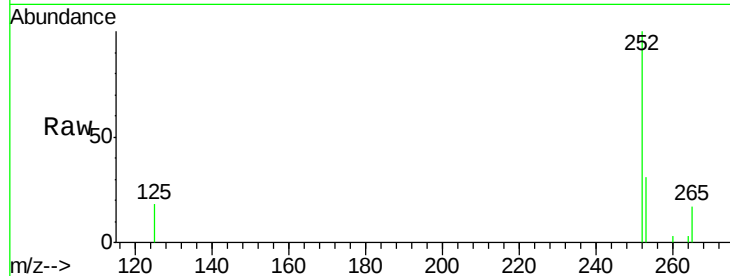
ClientSampled :

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Tgt Ion:	252	Resp:	4850
Ion Ratio	Lower	Upper	
252	100		
253	30.5	0.0	64.2
125	18.3	0.0	35.0

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#22

Benzo(k)fluoranthene

Concen: 0.32 ng/ul m

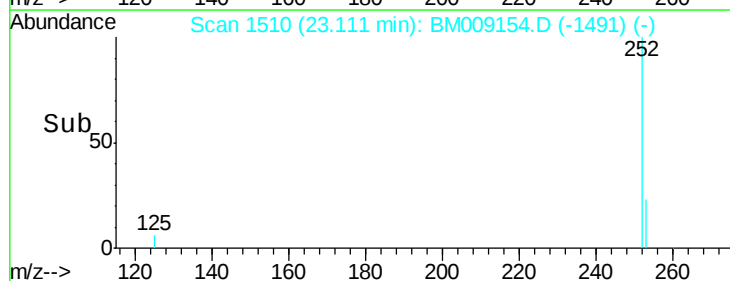
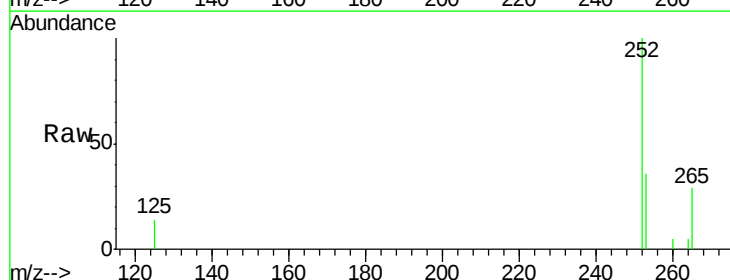
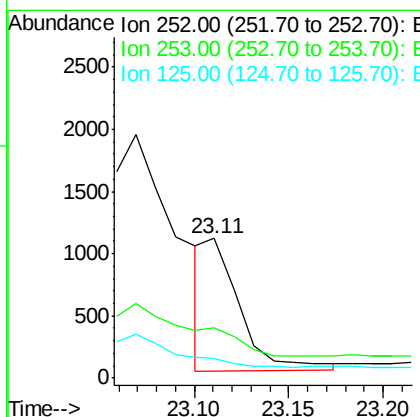
RT: 23.11 min Scan# 1510

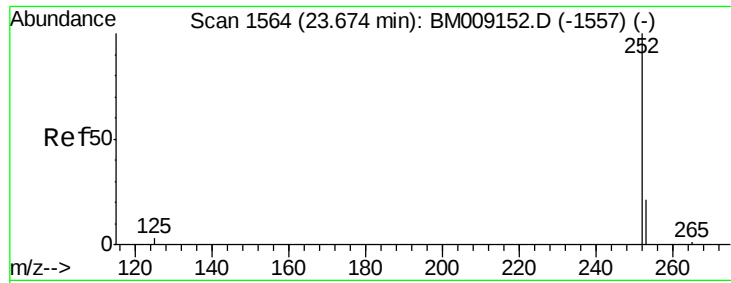
Delta R.T. 0.00 min

Lab File: BM009154.D

Acq: 09 Mar 2017 20:21

Tgt Ion:	252	Resp:	1358
Ion Ratio	Lower	Upper	
252	100		
253	36.1	24.5	36.7
125	13.7	13.7	20.5





#23

Benzo(a)pyrene

Concen: 0.72 ng/ul m

RT: 23.67 min Scan# 1564

Delta R.T. 0.00 min

Lab File: BM009154.D

Acq: 09 Mar 2017 20:21

Instrument :

BNA_M

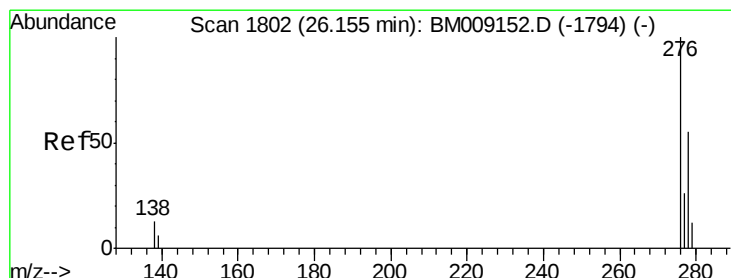
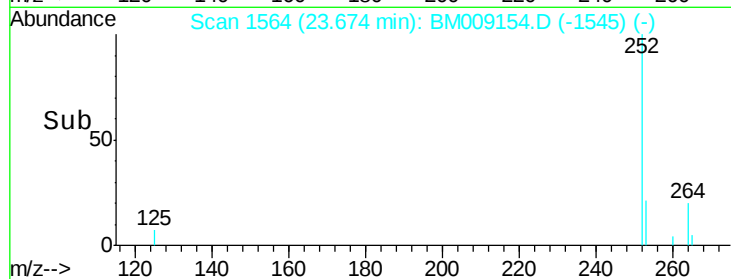
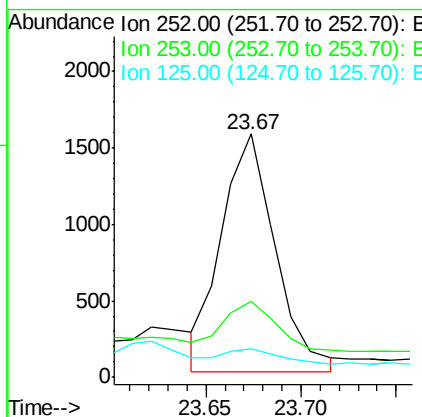
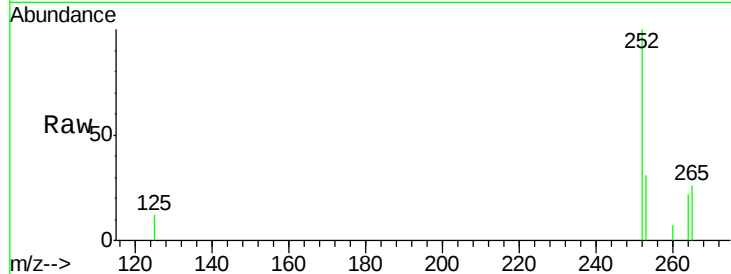
ClientSampleId :

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Tgt	Ion	252	Resp:	3066
	Ratio		Lower	Upper
252	100			
253	31.4	28.5	42.7	
125	11.9	18.1	27.1	#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.37 ng/ul m

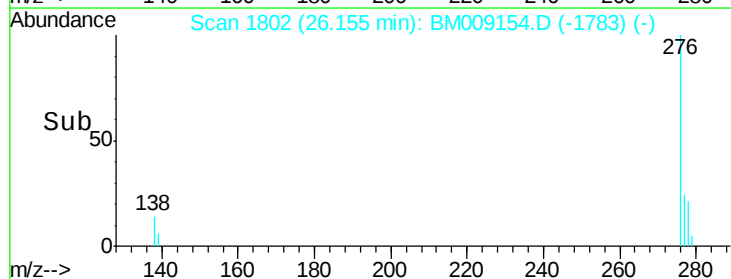
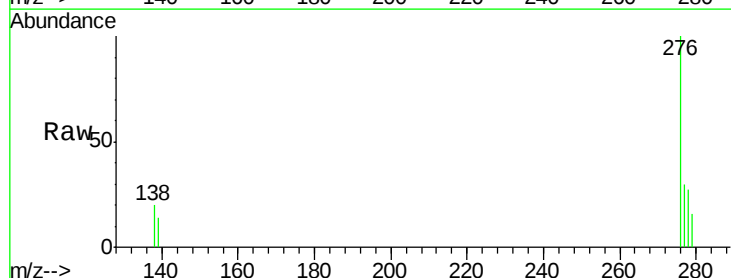
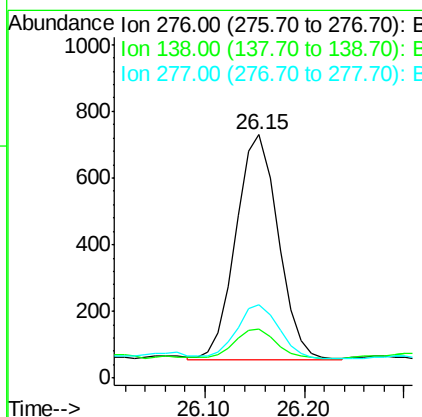
RT: 26.15 min Scan# 1802

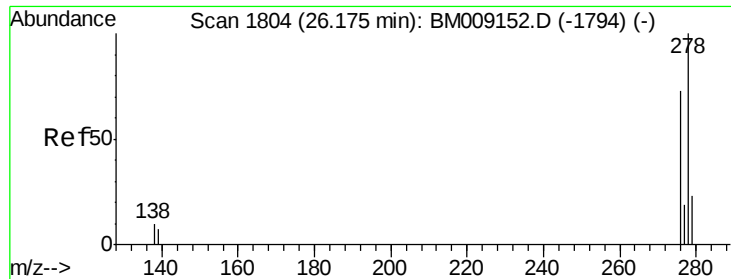
Delta R.T. 0.00 min

Lab File: BM009154.D

Acq: 09 Mar 2017 20:21

Tgt	Ion	276	Resp:	2005
	Ratio		Lower	Upper
276	100			
138	0.0	19.1	28.7	#
277	0.0	19.6	29.4	#





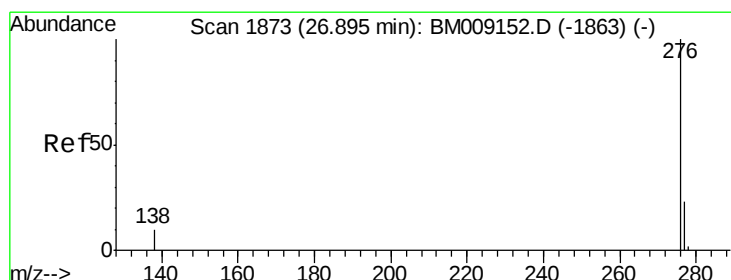
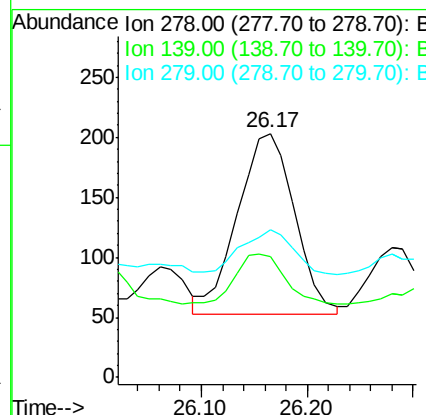
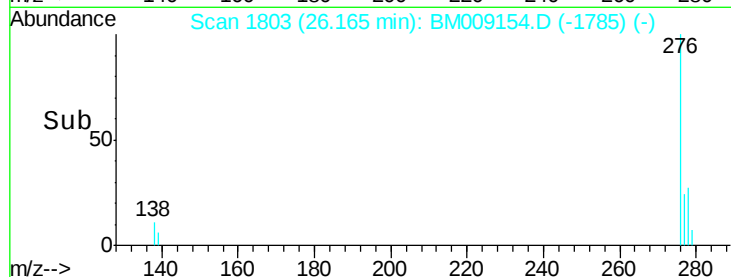
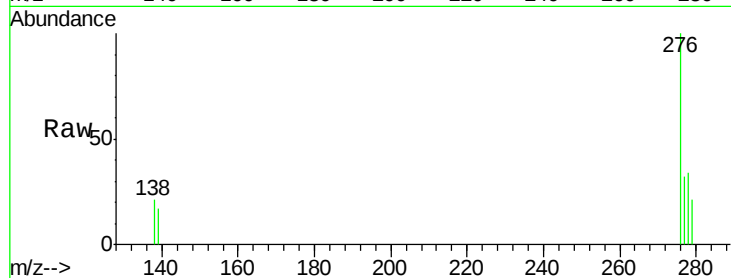
#25
Dibenzo(a,h)anthracene
Concen: 0.12 ng/ul m
RT: 26.17 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BM009154.D
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ClientSampleId :
C0AJ3

Tgt Ion	Ratio	Lower	Upper
278	100		
139	49.8	17.4	26.0#
279	60.6	25.9	38.9#

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#26
Benzo(g,h,i)perylene
Concen: 0.40 ng/ul m
RT: 26.88 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BM009154.D
Acq: 09 Mar 2017 20:21

Tgt Ion	Ratio	Lower	Upper
276	100		
277	30.1	21.8	32.8
138	20.7	20.5	30.7

