

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030917\
 Data File : BM009155.D
 Acq On : 09 Mar 2017 20:57
 Operator : SJ/MA
 Sample : I2069-20
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ5

Manual Integrations
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Quant Time: Mar 10 03:31:29 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	255	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	789	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	463	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	1122m	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	1191	0.40	ng/ul	0.00
20) Perylene-d12	23.77	264	1078m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	246	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	657	0.19	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.73	128	226	0.10	ng/ul#	54
5) 2-Methylnaphthalene	12.34	142	142	0.09	ng/ul	96
9) Fluorene	15.56	166	110	0.05	ng/ul#	69
12) Phenanthrene	17.30	178	2879	0.82	ng/ul	97
13) Anthracene	17.40	178	658	0.19	ng/ul#	86
15) Fluoranthene	19.33	202	6630	1.44	ng/ul	94
17) Pyrene	19.69	202	6091	1.49	ng/ul	97
18) Benzo(a)anthracene	21.42	228	3507m	0.89	ng/ul	
19) Chrysene	21.47	228	3615m	0.96	ng/ul	
21) Benzo(b)fluoranthene	23.07	252	4818m	1.14	ng/ul	
22) Benzo(k)fluoranthene	23.11	252	1615m	0.43	ng/ul	
23) Benzo(a)pyrene	23.67	252	3122m	0.82	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.15	276	2302m	0.48	ng/ul	
25) Dibenzo(a,h)anthracene	26.16	278	610m	0.15	ng/ul	
26) Benzo(g,h,i)perylene	26.89	276	1970m	0.48	ng/ul	

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

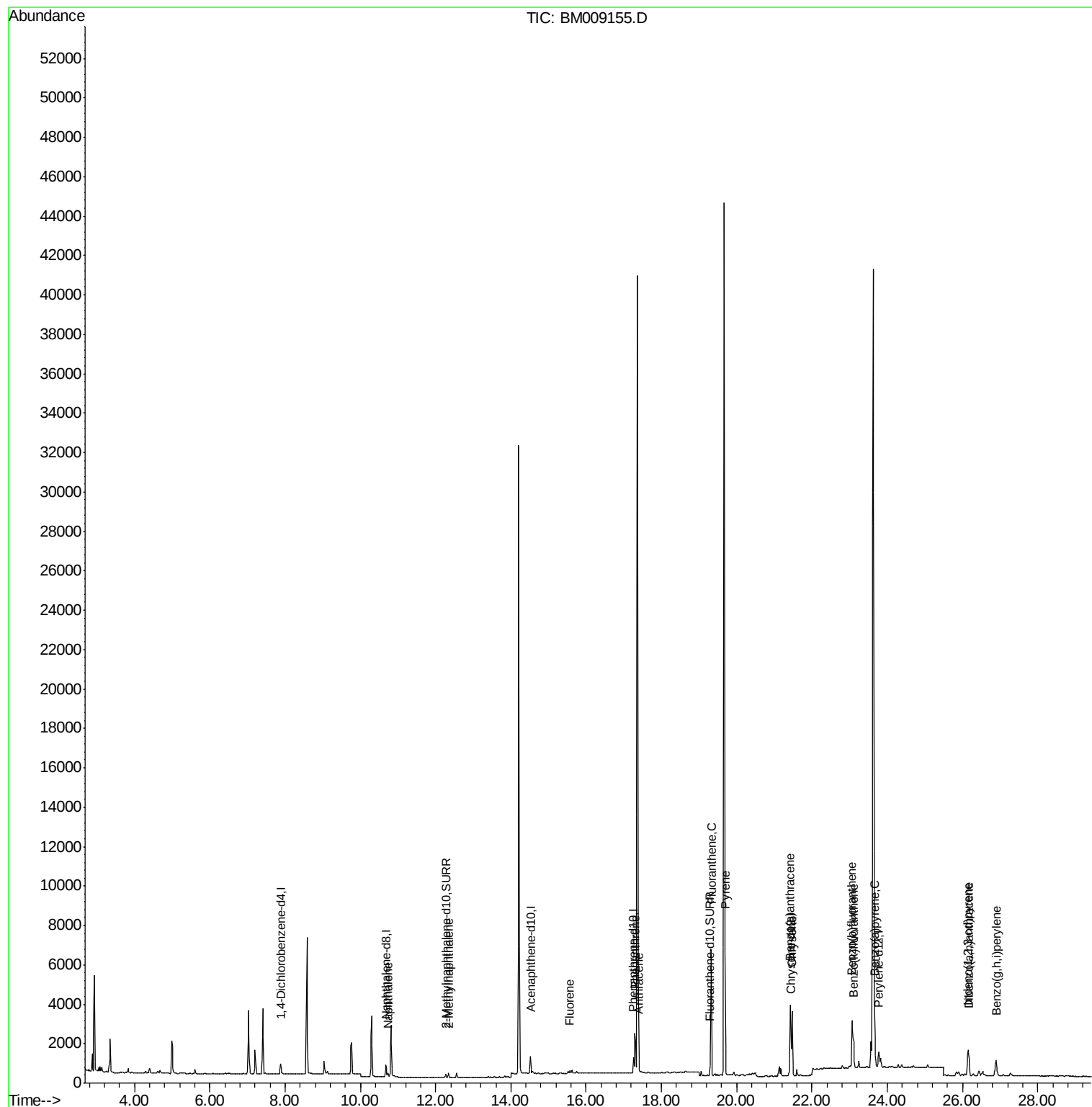
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030917\
Data File : BM009155.D
Acq On : 09 Mar 2017 20:57
Operator : SJ/MA
Sample : I2069-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

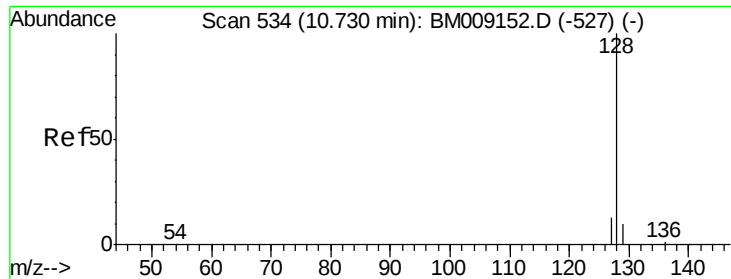
Instrument :
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ClientSampleId :
C0AJ5

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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





#3

Naphthalene

Concen: 0.10 ng/ul

RT: 10.73 min Scan# 534

Delta R.T. -0.00 min

Lab File: BM009155.D

Acq: 09 Mar 2017 20:57

Instrument :

BNA_M

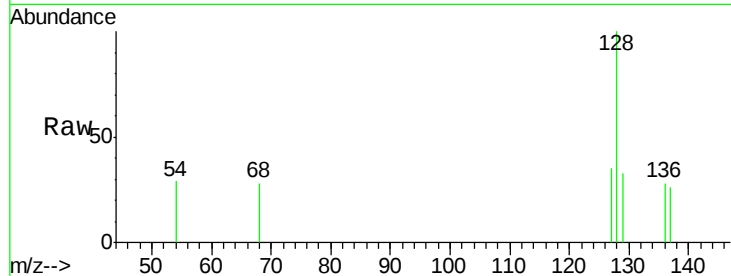
ClientSampleId :

C0AJ5

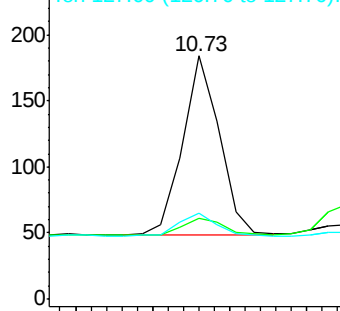
Tgt Ion:	128	Resp:	226
Ion Ratio	Lower	Upper	
128	100		
129	33.2	11.3	16.9#
127	35.3	12.8	19.2#

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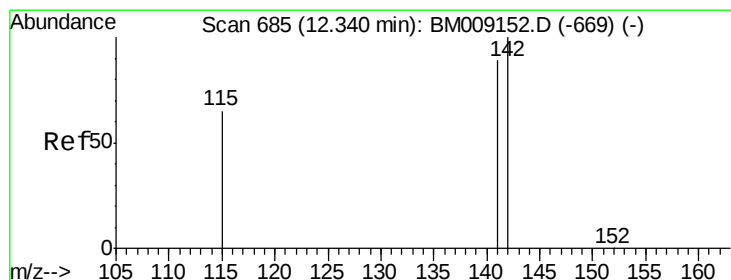
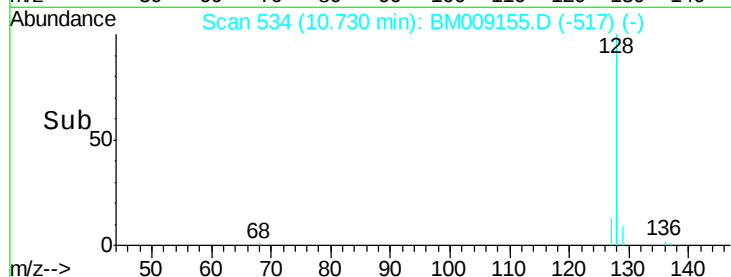
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



Time-->



#5

2-Methylnaphthalene

Concen: 0.09 ng/ul

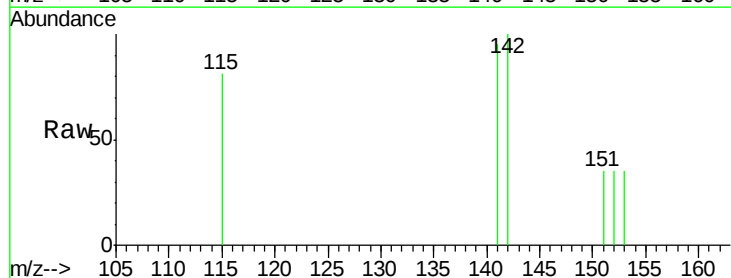
RT: 12.34 min Scan# 685

Delta R.T. -0.00 min

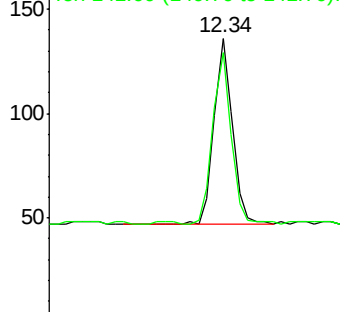
Lab File: BM009155.D

Acq: 09 Mar 2017 20:57

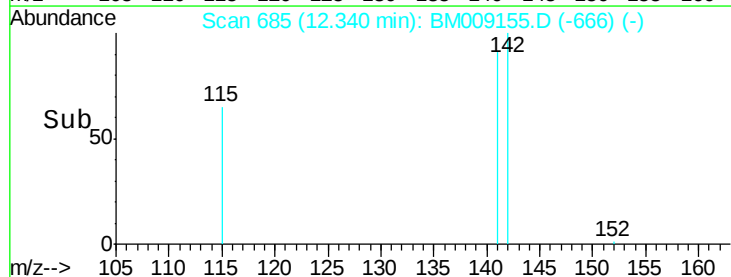
Tgt Ion:	142	Resp:	142
Ion Ratio	Lower	Upper	
142	100		
141	94.4	72.6	108.8

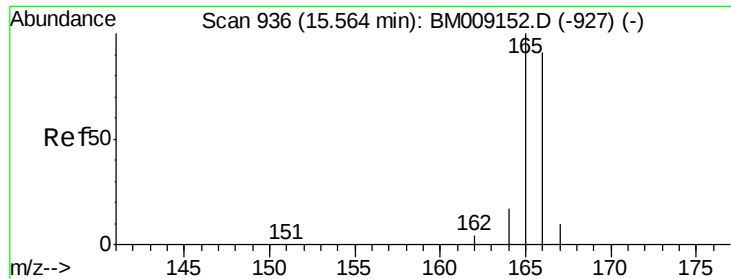


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->





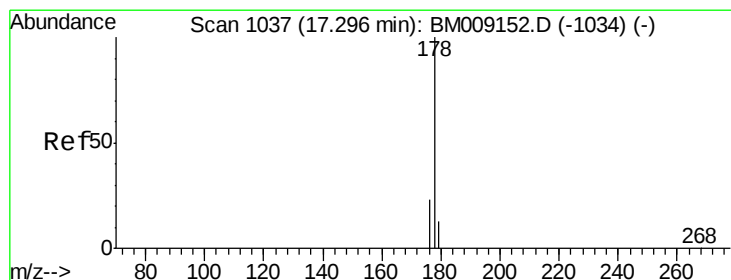
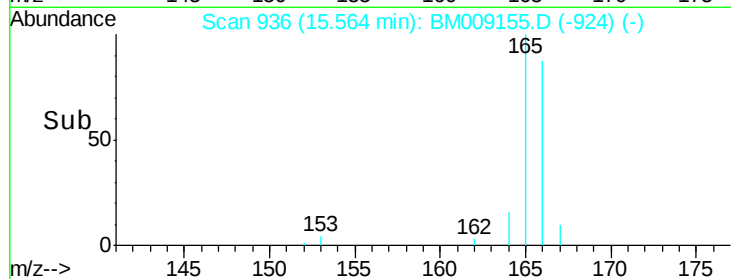
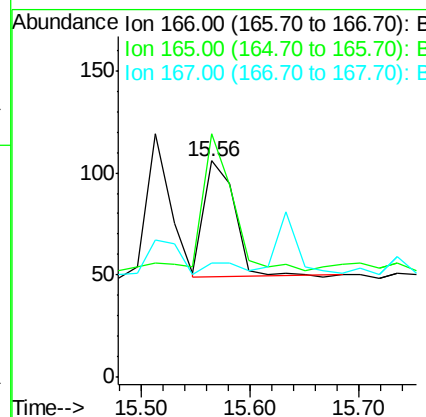
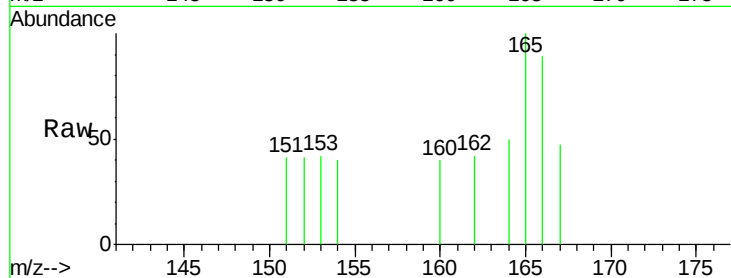
#9
Fluorene
 Concen: 0.05 ng/ul
 RT: 15.56 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: BM009155.D
 Acq: 09 Mar 2017 20:57

Instrument :
 BNA_M
 ClientSampled :
 C0AJ5

Tgt Ion	Ratio	Lower	Upper
166	100		
165	112.3	73.4	110.2#
167	52.8	14.6	22.0#

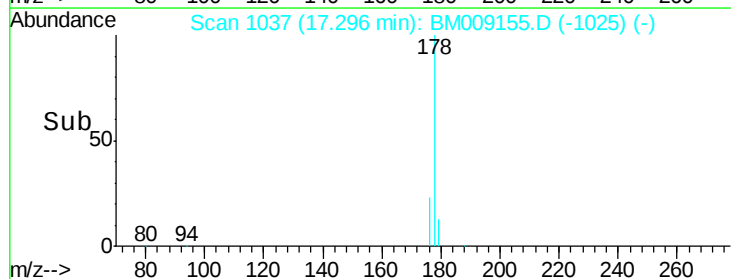
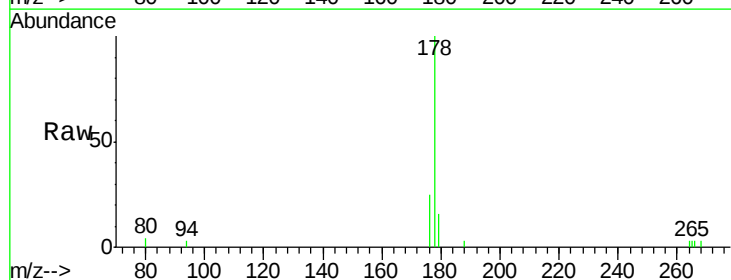
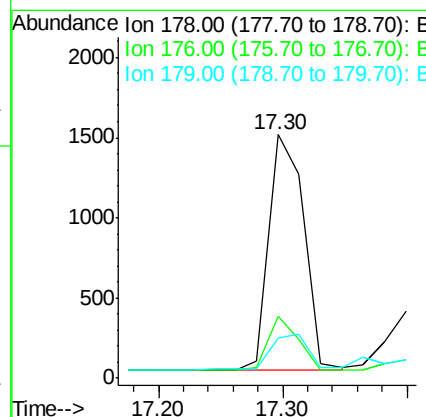
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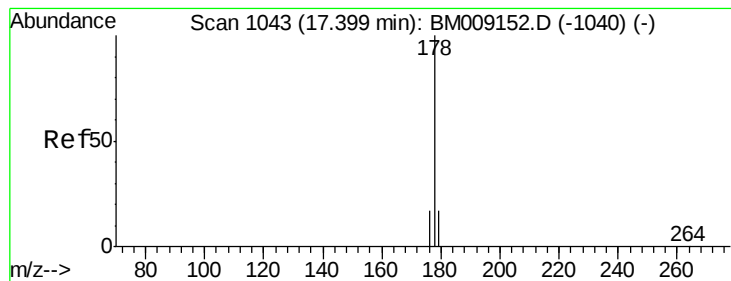
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#12
Phenanthrene
 Concen: 0.82 ng/ul
 RT: 17.30 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BM009155.D
 Acq: 09 Mar 2017 20:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	25.2	18.4	27.6
179	16.4	13.6	20.4





#13

Anthracene

Concen: 0.19 ng/ul

RT: 17.40 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BM009155.D

Acq: 09 Mar 2017 20:57

Instrument :

BNA_M

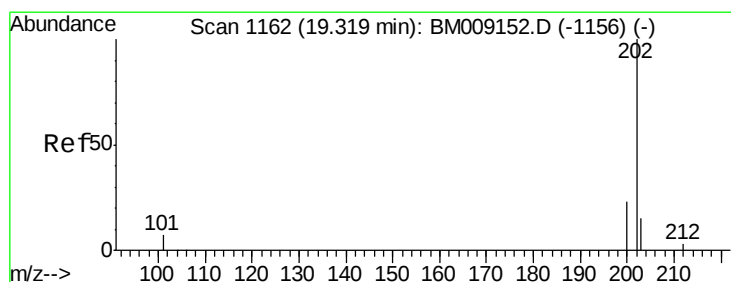
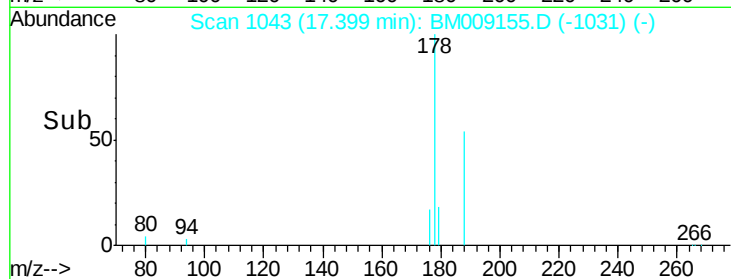
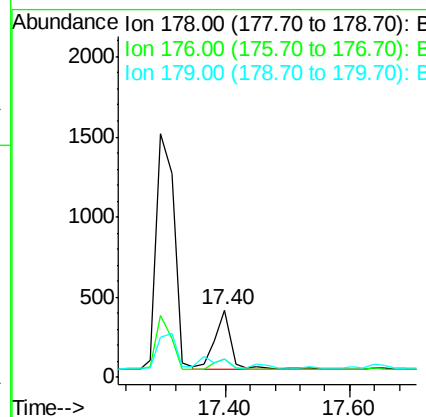
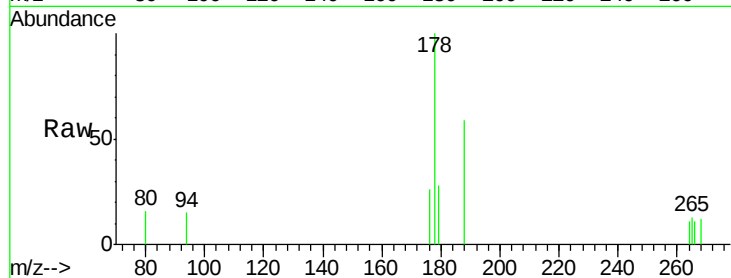
ClientSampleId :

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Tgt Ion:	178	Resp:	658
Ion Ratio	Lower	Upper	
178	100		
176	26.4	18.1	27.1
179	27.8	14.7	22.1#

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#15

Fluoranthene

Concen: 1.44 ng/ul

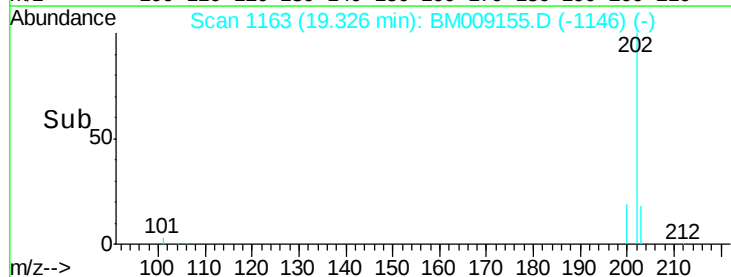
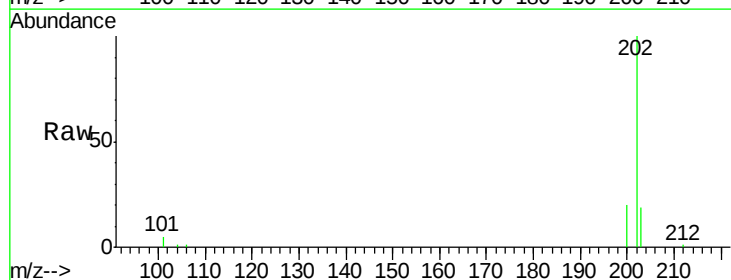
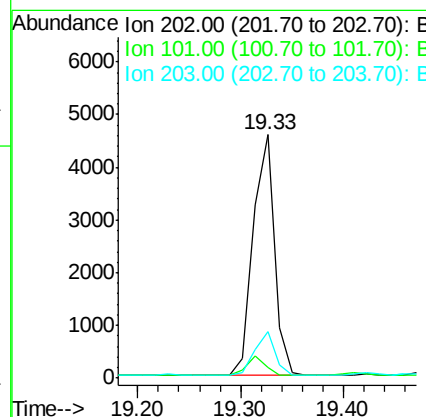
RT: 19.33 min Scan# 1163

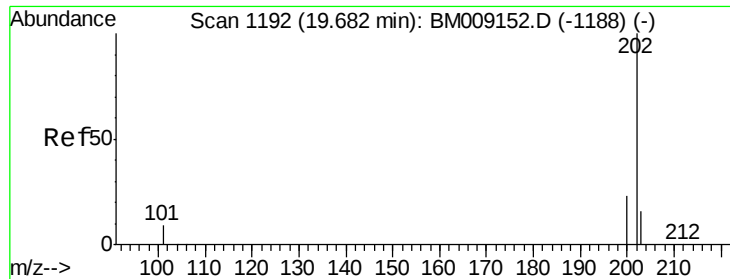
Delta R.T. 0.01 min

Lab File: BM009155.D

Acq: 09 Mar 2017 20:57

Tgt Ion:	202	Resp:	6630
Ion Ratio	Lower	Upper	
202	100		
101	4.5	0.0	30.3
203	19.2	0.0	39.5





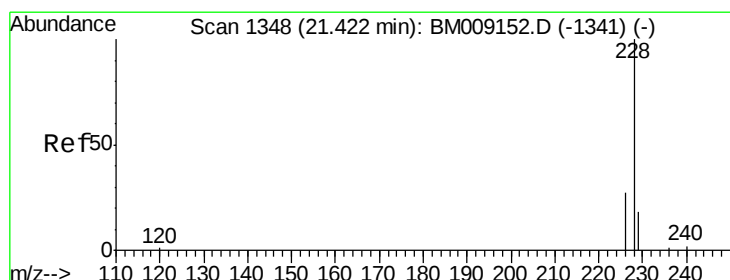
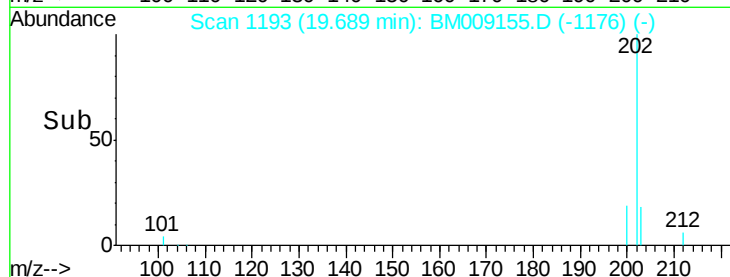
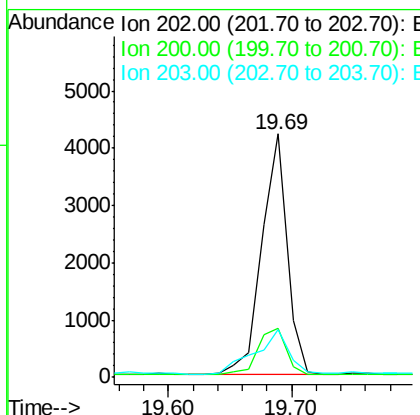
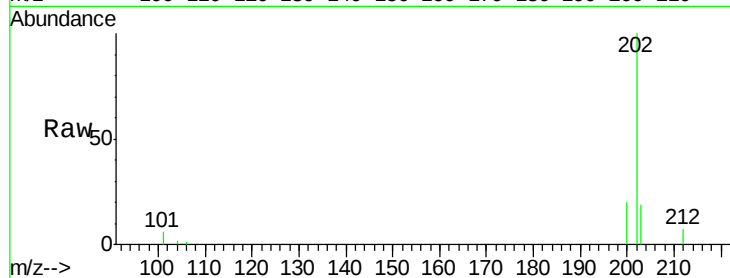
#17
 Pyrene
 Concen: 1.49 ng/ul
 RT: 19.69 min Scan# 1193
 Delta R.T. 0.01 min
 Lab File: BM009155.D
 Acq: 09 Mar 2017 20:57

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.0	18.2	27.4
203	19.4	15.6	23.4

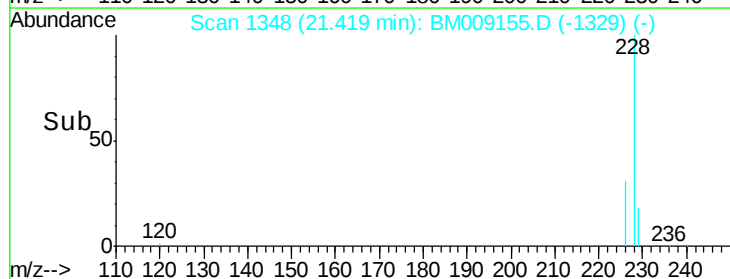
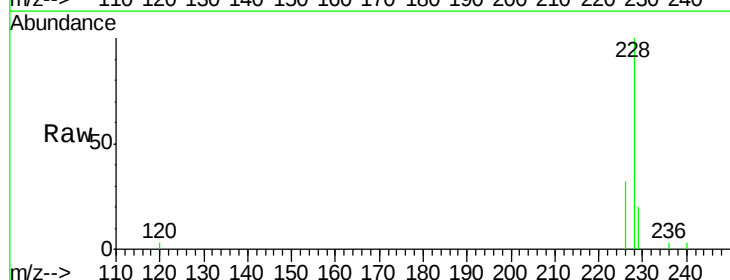
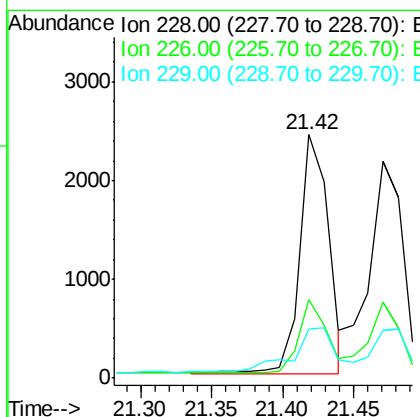
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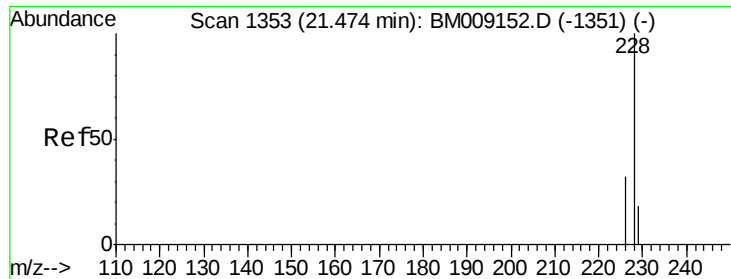
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#18
 Benzo(a)anthracene
 Concen: 0.89 ng/ul m
 RT: 21.42 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: BM009155.D
 Acq: 09 Mar 2017 20:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.4	22.8	34.2
229	20.2	17.0	25.6





#19

Chrysene

Concen: 0.96 ng/ul m

RT: 21.47 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BM009155.D

Acq: 09 Mar 2017 20:57

Instrument :

BNA_M

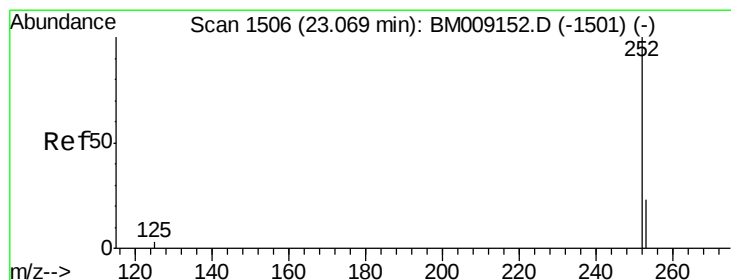
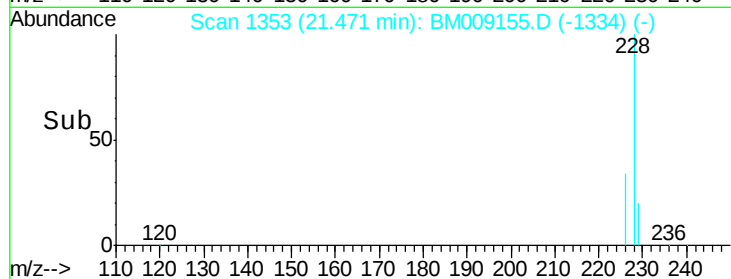
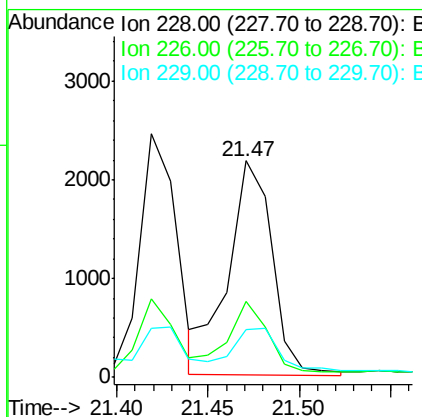
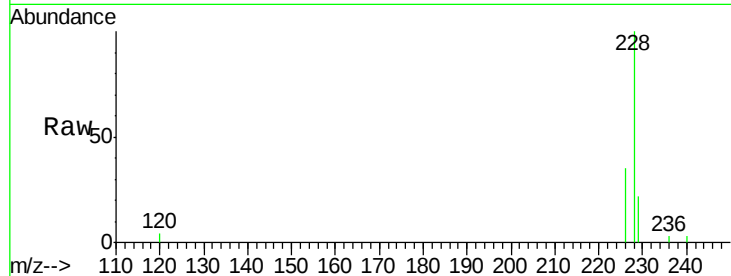
ClientSampleId :

C0AJ5

Tgt Ion:	228	Resp:	3615
Ion Ratio	Lower	Upper	
228	100		
226	35.2	23.4	35.0#
229	22.1	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 1.14 ng/ul m

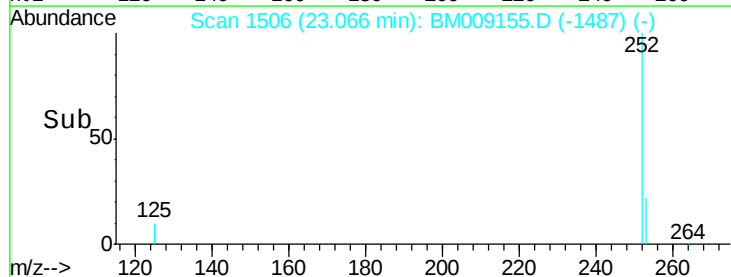
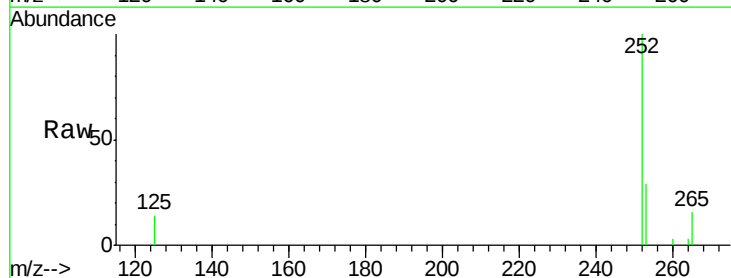
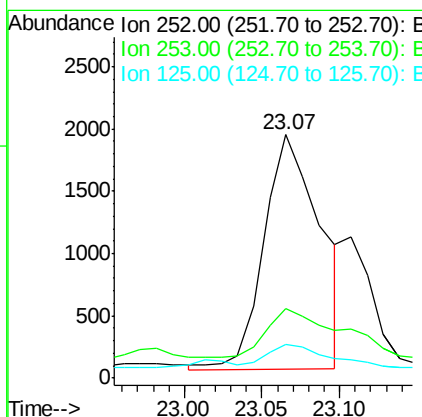
RT: 23.07 min Scan# 1506

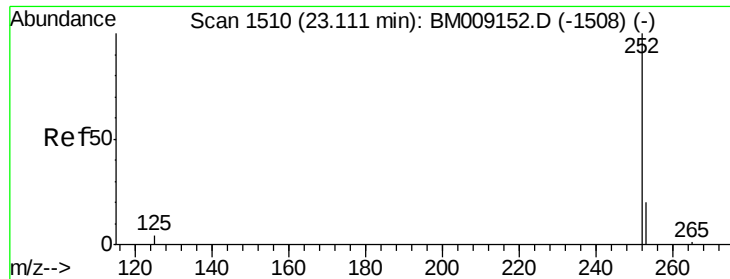
Delta R.T. -0.00 min

Lab File: BM009155.D

Acq: 09 Mar 2017 20:57

Tgt Ion:	252	Resp:	4818
Ion Ratio	Lower	Upper	
252	100		
253	28.6	0.0	64.2
125	14.0	0.0	35.0





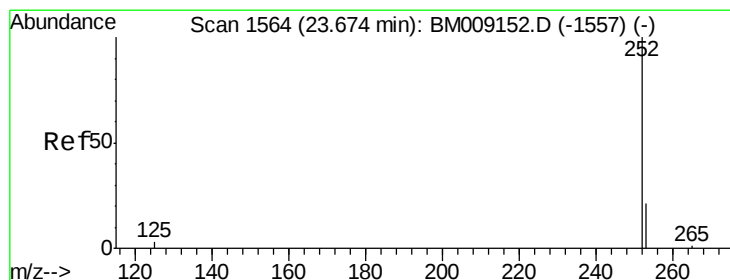
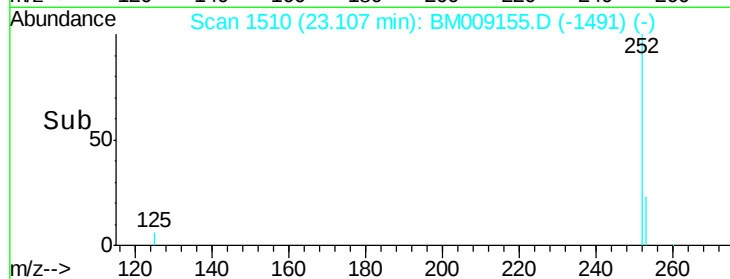
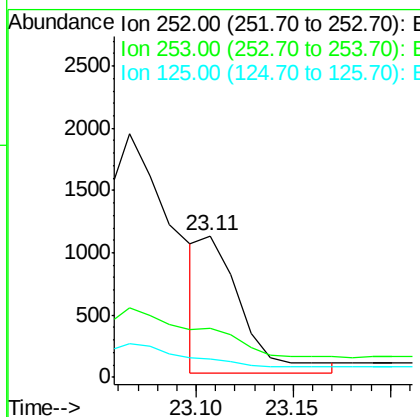
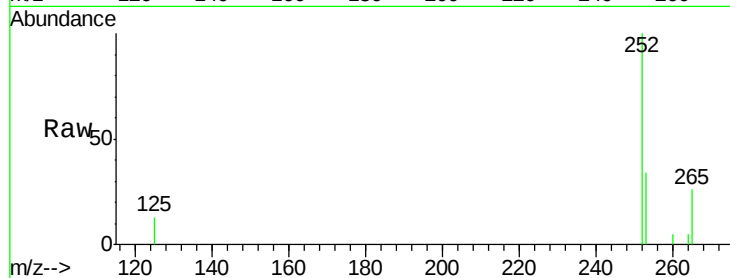
#22
Benzo(k)fluoranthene
Concen: 0.43 ng/ul m
RT: 23.11 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BM009155.D
Acq: 09 Mar 2017 20:57

Instrument :
BNA_M
ClientSampled :
C0AJ5

Tgt Ion	Ratio	Lower	Upper
252	100		
253	34.2	24.5	36.7
125	13.0	13.7	20.5#

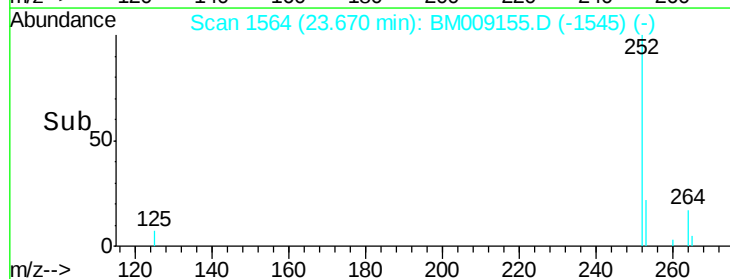
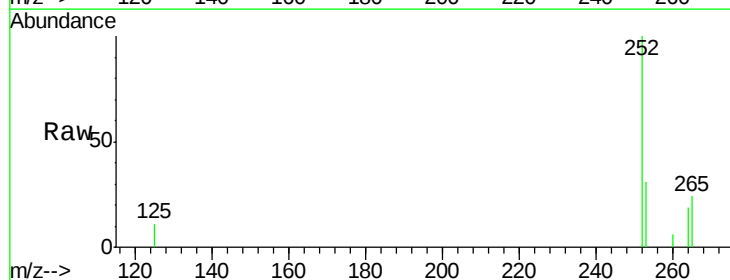
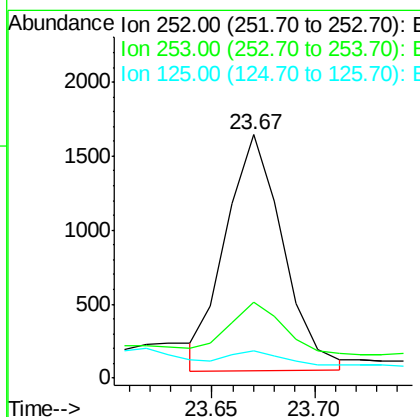
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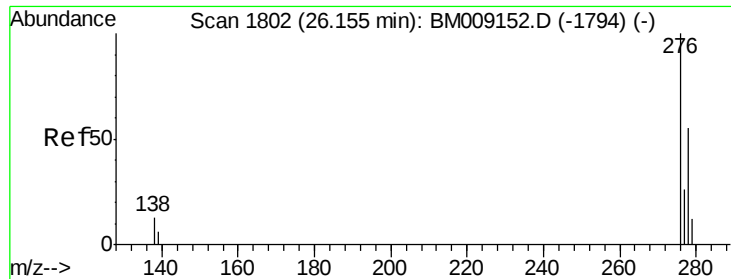
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#23
Benzo(a)pyrene
Concen: 0.82 ng/ul m
RT: 23.67 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BM009155.D
Acq: 09 Mar 2017 20:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.2	28.5	42.7
125	11.2	18.1	27.1#





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.48 ng/ul m

RT: 26.15 min Scan# 1802

Delta R.T. -0.00 min

Lab File: BM009155.D

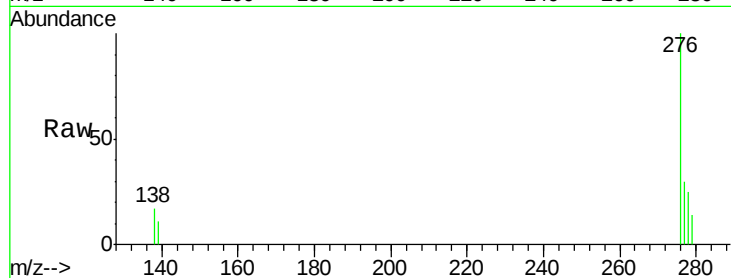
Acq: 09 Mar 2017 20:57

Instrument :

BNA_M

ClientSampleId :

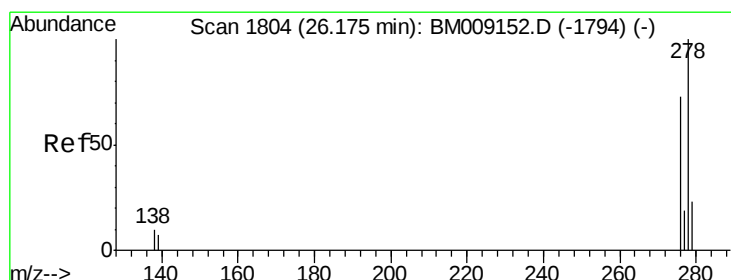
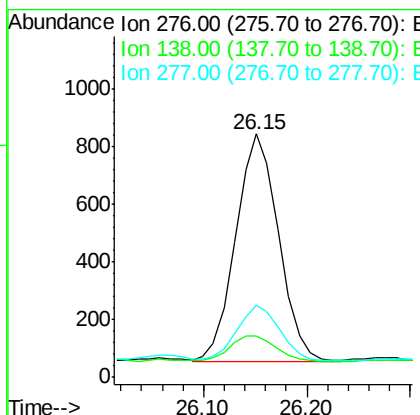
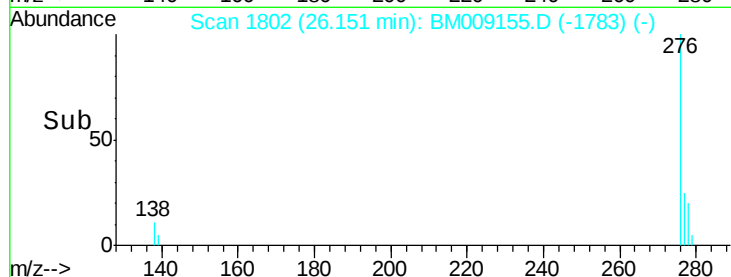
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Tgt Ion:	276	Resp:	2302
Ion Ratio	Lower	Upper	
276	100		
138	0.0	19.1	28.7#
277	0.0	19.6	29.4#

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#25

Dibenzo(a,h)anthracene

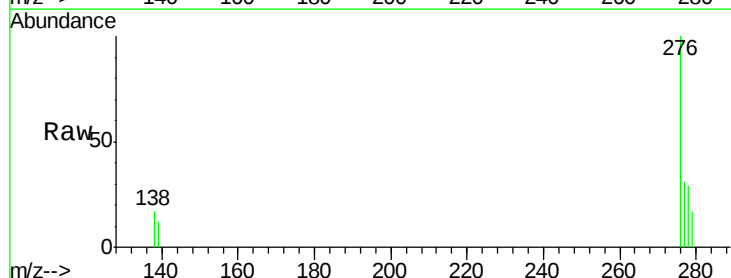
Concen: 0.15 ng/ul m

RT: 26.16 min Scan# 1803

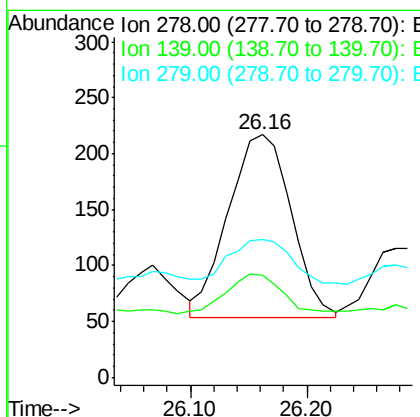
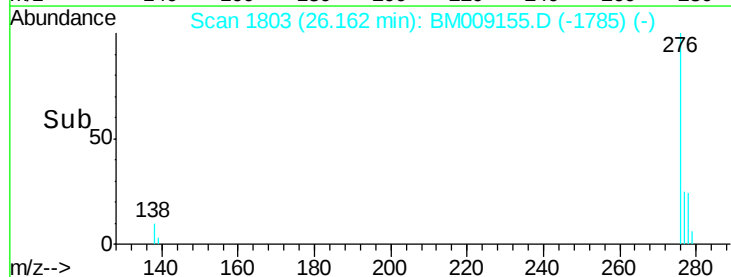
Delta R.T. -0.01 min

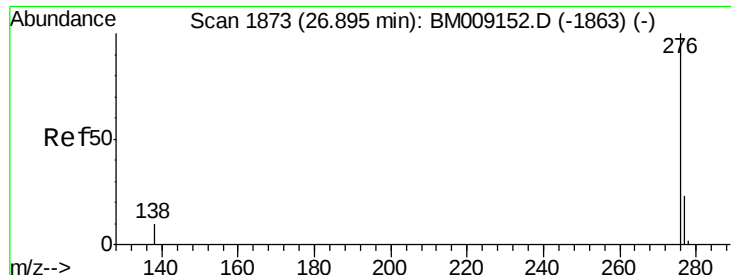
Lab File: BM009155.D

Acq: 09 Mar 2017 20:57



Tgt Ion:	278	Resp:	610
Ion Ratio	Lower	Upper	
278	100		
139	41.9	17.4	26.0#
279	56.7	25.9	38.9#





#26

Benzo(g,h,i)perylene

Concen: 0.48 ng/ul m

RT: 26.89 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BM009155.D

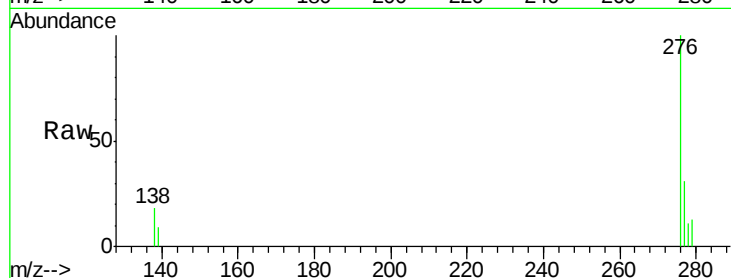
Acq: 09 Mar 2017 20:57

Instrument :

BNA_M

ClientSampleId :

C0AJ5



Tgt Ion: 276 Resp: 1970

Ion Ratio Lower Upper

276 100

277 30.5 21.8 32.8

138 18.2 20.5 30.7#

Manual Integrations

APPROVED

mohammad

3/10/2017 6:01:29 PM

