

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM083115\
 Data File : BM002606.D
 Acq On : 01 Sep 2015 01:29
 Operator : UM/IZ
 Sample : G3456-20
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9EA5

Manual Integrations
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Quant Time: Sep 01 02:20:12 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 01 02:00:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	114936	20.00	ng/ul	0.00
2) Naphthalene-d8	11.65	136	502233	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.37	164	245084	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.07	188	427344	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	330862	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	336575	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.07	160	381383	15.22	ng/ul	0.00
10) Fluorene-d10	16.34	176	243673	13.85	ng/ul	0.00
14) Anthracene-d10	18.17	188	313773	15.22	ng/ul	0.00
18) Pyrene-d10	20.40	212	250357	17.07	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.61	264	221117	12.51	ng/ul	0.00
Target Compounds						
8) Acenaphthylene	15.10	152	45301	1.73	ng/ul	Qvalue 99
13) Phenanthrene	18.12	178	287376	11.65	ng/ul	100
15) Anthracene	18.21	178	73582	2.94	ng/ul	99
16) Fluoranthene	20.07	202	540924	19.36	ng/ul	99
19) Pyrene	20.43	202	446328	23.03	ng/ul	99
20) Benzo(a)anthracene	22.14	228	238242	12.04	ng/ul	99
21) Chrysene	22.20	228	237143	12.81	ng/ul	97
23) Benzo(b)fluoranthene	23.97	252	340095	16.71	ng/ul	99
24) Benzo(k)fluoranthene	24.02	252	115676m	6.00	ng/ul	
26) Benzo(a)pyrene	24.67	252	225429	11.60	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	27.55	276	172458	7.72	ng/ul	93
28) Dibenzo(a,h)anthracene	27.54	278	44689	2.39	ng/ul#	78
29) Benzo(g,h,i)perylene	28.41	276	146008	7.85	ng/ul	99

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

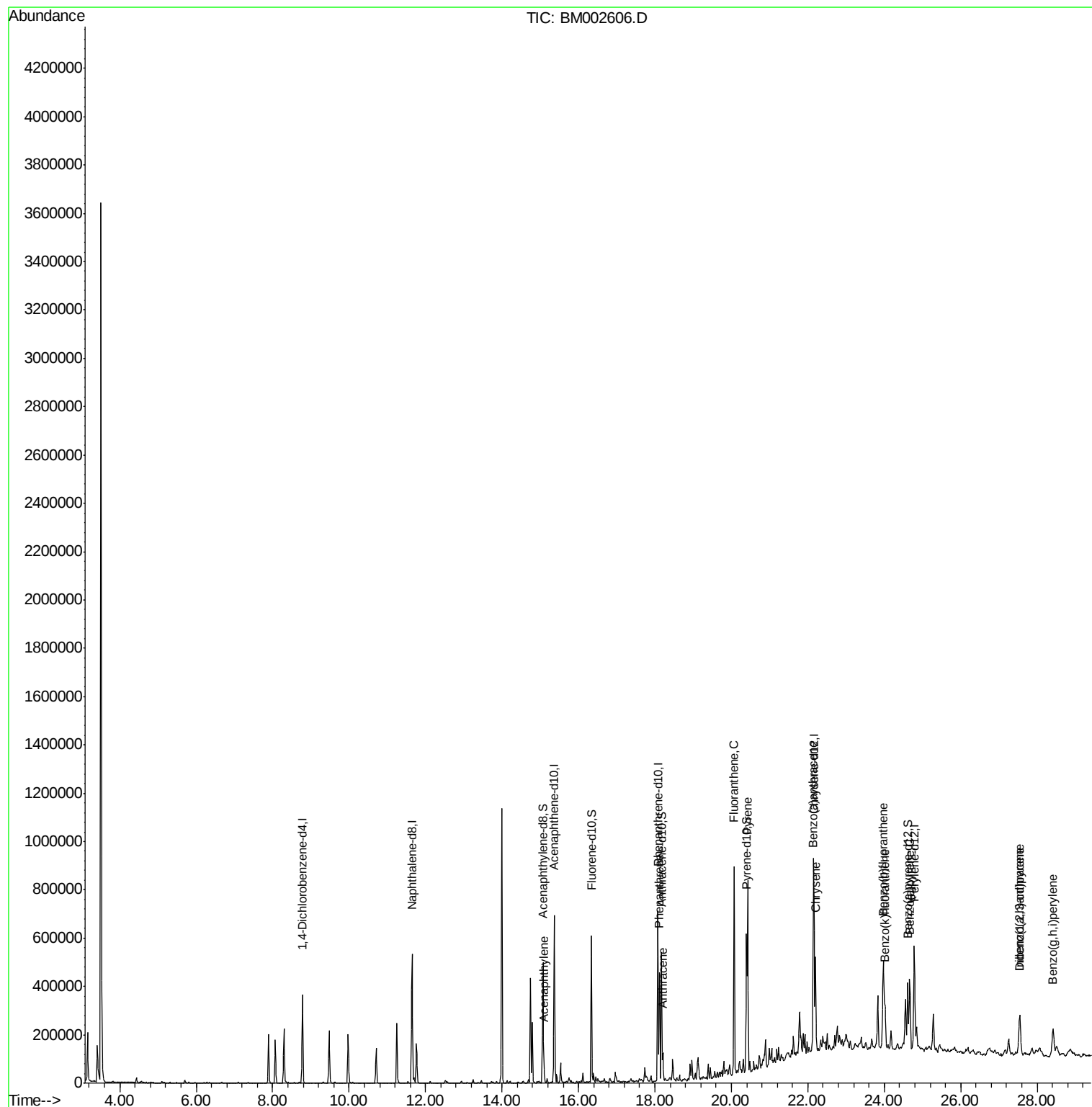
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM083115\
Data File : BM002606.D
Acq On : 01 Sep 2015 01:29
Operator : UM/IZ
Sample : G3456-20
Misc :
ALS Vial : 20 Sample Multiplier: 1

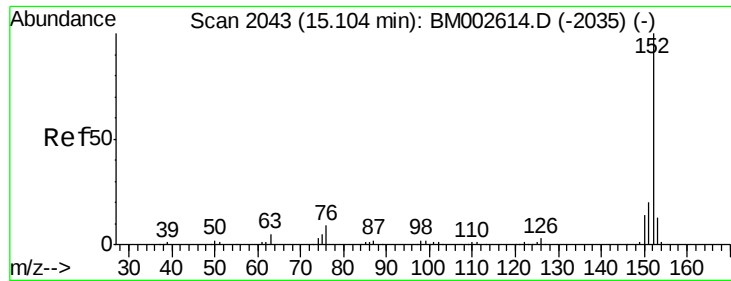
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Quant Time: Sep 01 02:20:12 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 01 02:00:58 2015
Response via : Initial Calibration





#8

Acenaphthylene

Concen: 1.73 ng/ul

RT: 15.10 min Scan# 2043

Delta R.T. 0.00 min

Lab File: BM002606.D

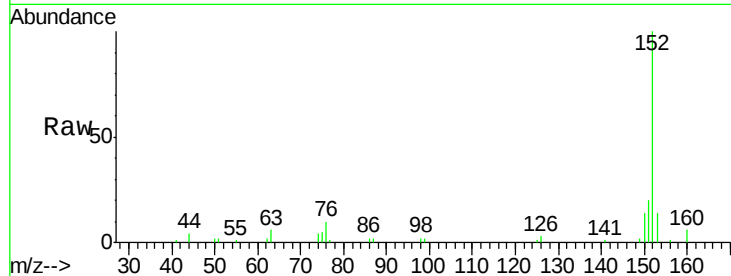
Acq: 01 Sep 2015 01:29

Instrument :

BNA_M

ClientSampleId :

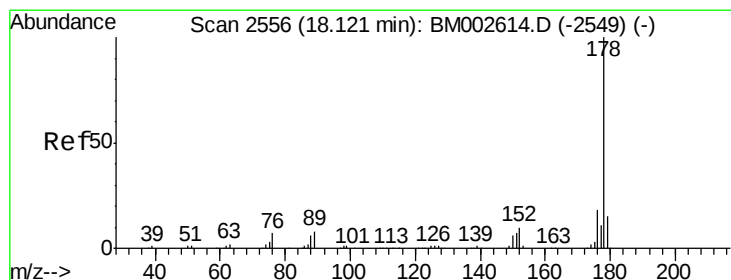
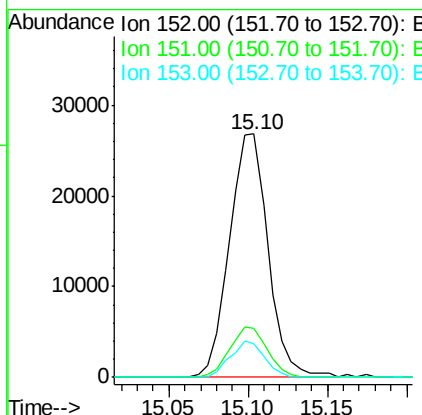
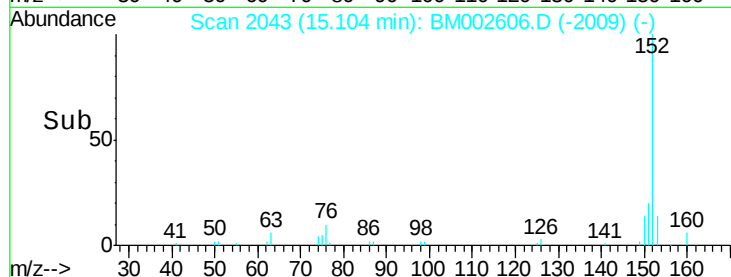
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Tgt Ion:	152	Resp:	45301
Ion Ratio	Lower	Upper	
152	100		
151	20.0	15.7	23.5
153	13.6	10.2	15.4

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#13

Phenanthrene

Concen: 11.65 ng/ul

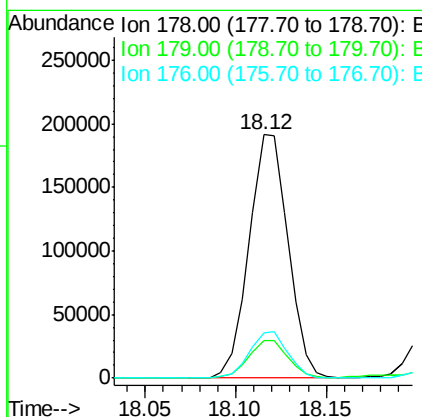
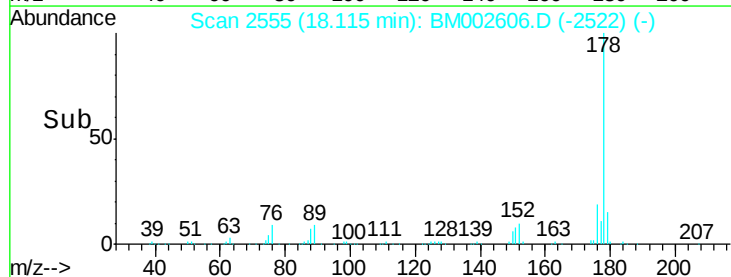
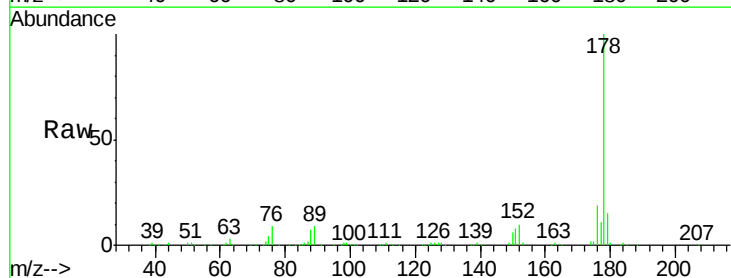
RT: 18.12 min Scan# 2555

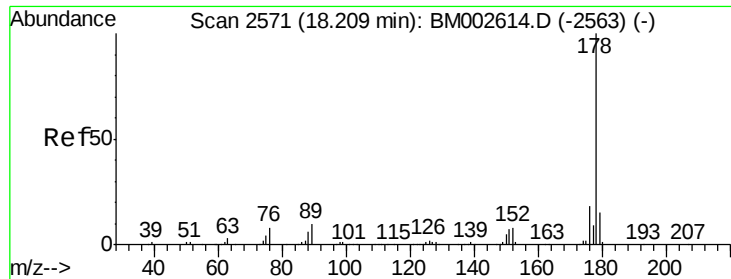
Delta R.T. -0.01 min

Lab File: BM002606.D

Acq: 01 Sep 2015 01:29

Tgt Ion:	178	Resp:	287376
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.4	18.6
176	18.8	15.1	22.7





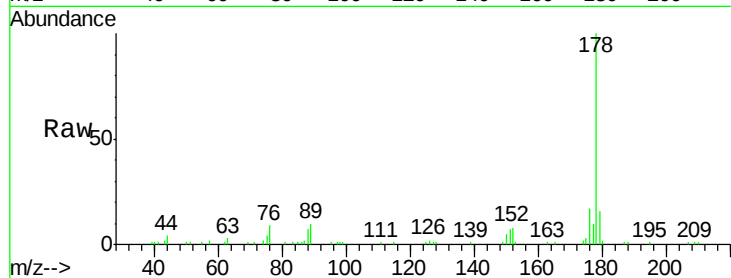
#15
 Anthracene
 Concen: 2.94 ng/ul
 RT: 18.21 min Scan# 2571
 Delta R.T. 0.00 min
 Lab File: BM002606.D
 Acq: 01 Sep 2015 01:29

Instrument :
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 ClientSampleId :
 D9EA5

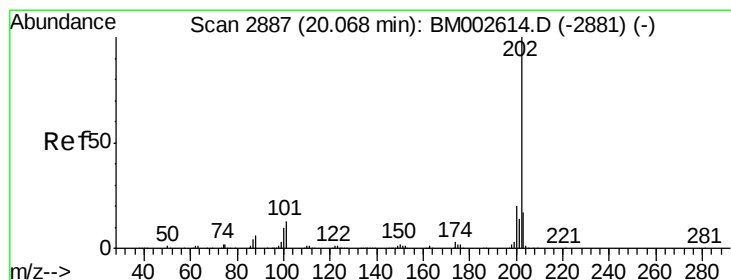
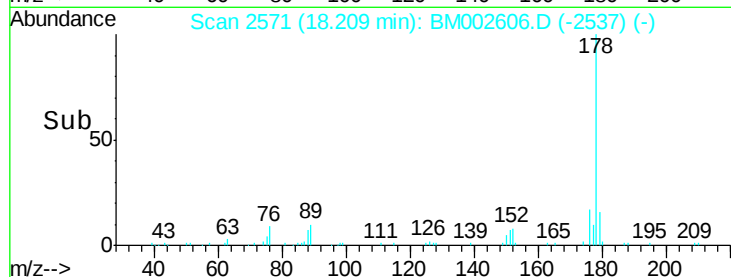
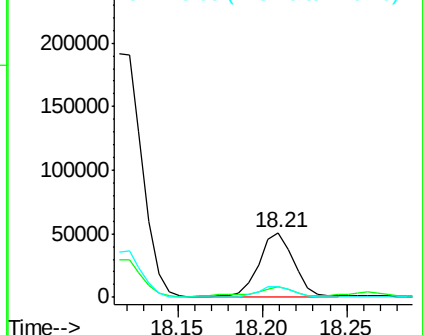
Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.6	18.8
176	17.2	14.5	21.7

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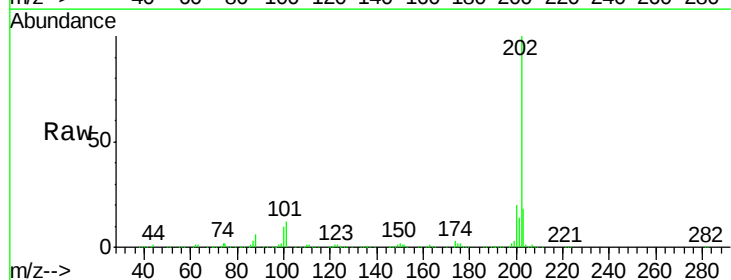


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

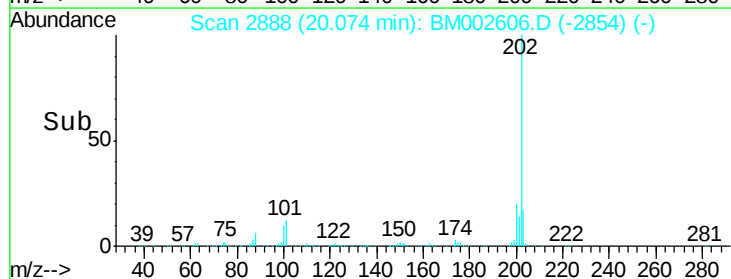
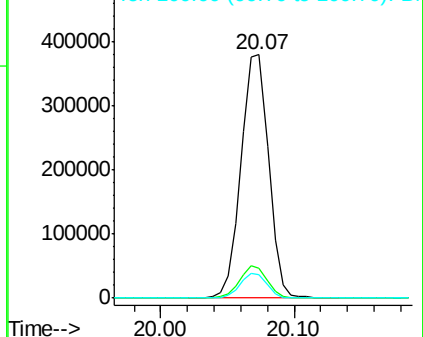


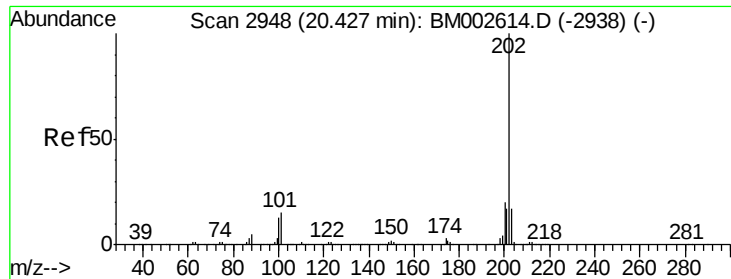
#16
 Fluoranthene
 Concen: 19.36 ng/ul
 RT: 20.07 min Scan# 2888
 Delta R.T. 0.00 min
 Lab File: BM002606.D
 Acq: 01 Sep 2015 01:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.7	14.5
100	9.7	7.4	11.2



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B





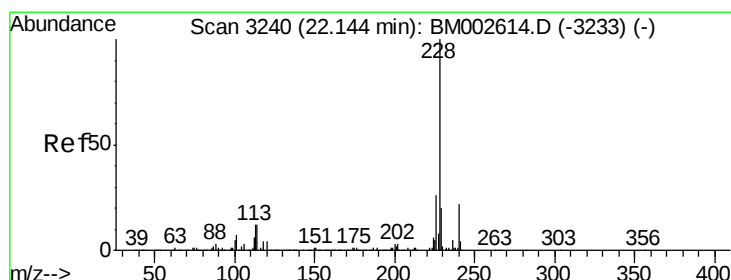
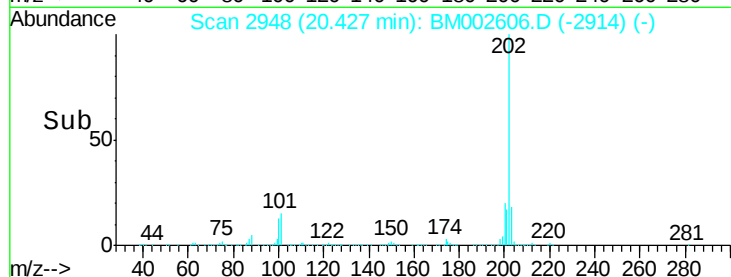
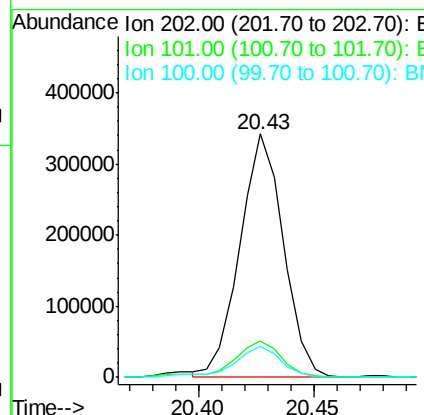
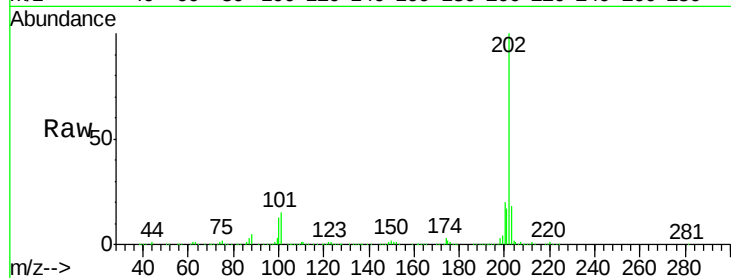
#19
Pyrene
Concen: 23.03 ng/ul
RT: 20.43 min Scan# 2948
Delta R.T. 0.00 min
Lab File: BM002606.D
Acq: 01 Sep 2015 01:29

Instrument :
BNA_M
ClientSampleId :
D9EA5

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.9	12.0	18.0
100	12.6	9.7	14.5

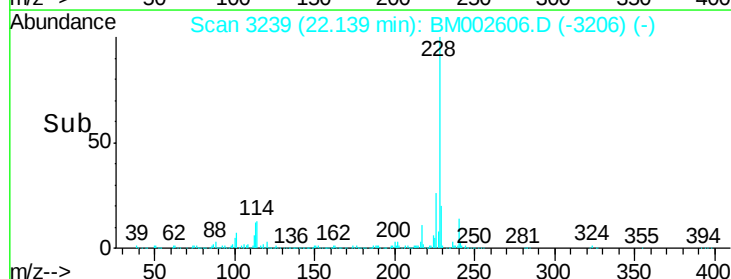
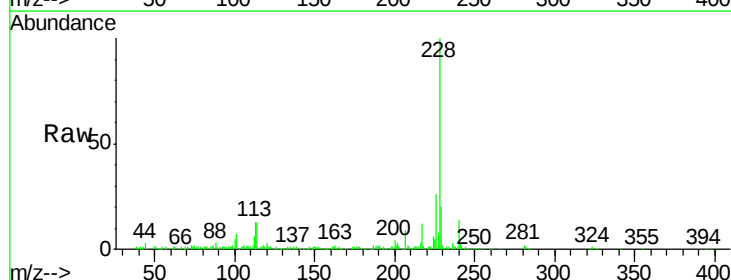
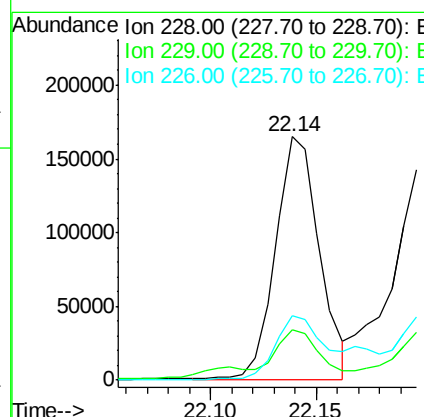
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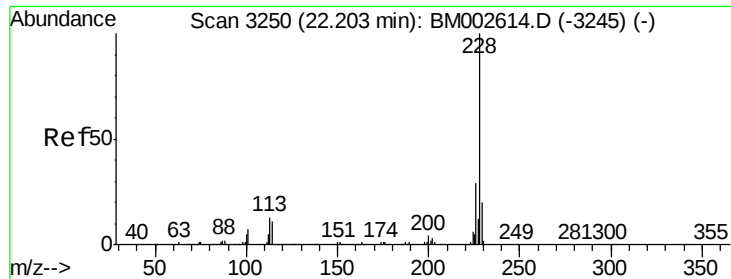
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#20
Benzo(a)anthracene
Concen: 12.04 ng/ul
RT: 22.14 min Scan# 3239
Delta R.T. -0.01 min
Lab File: BM002606.D
Acq: 01 Sep 2015 01:29

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.8	23.6
226	26.5	21.1	31.7





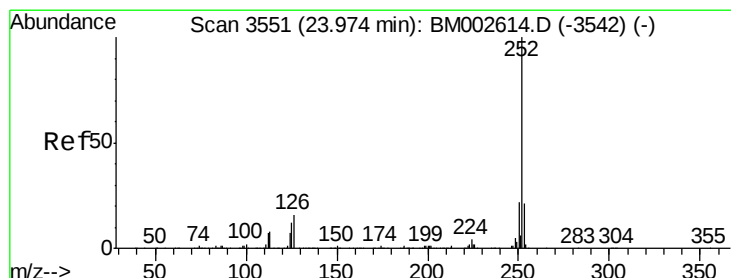
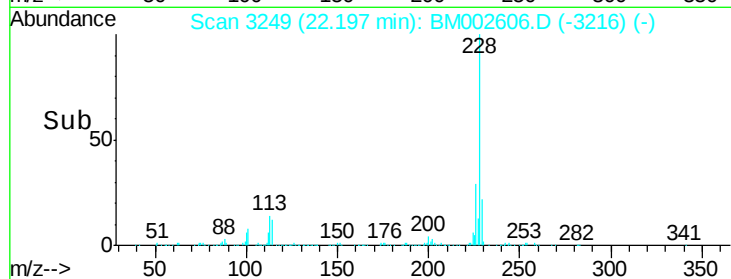
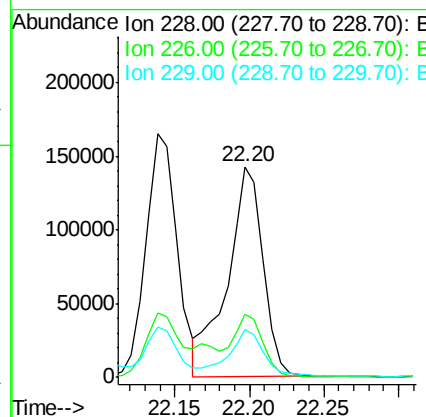
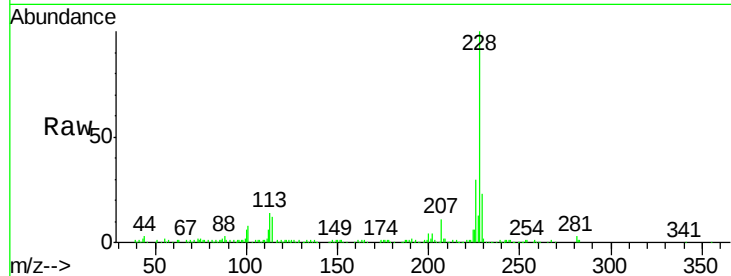
#21
Chrysene
Concen: 12.81 ng/ul
RT: 22.20 min Scan# 3249
Delta R.T. -0.01 min
Lab File: BM002606.D
Acq: 01 Sep 2015 01:29

Instrument :
BNA_M
ClientSampleId :
D9EA5

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	237143		
226	29.7		23.4	35.2
229	22.5		15.7	23.5

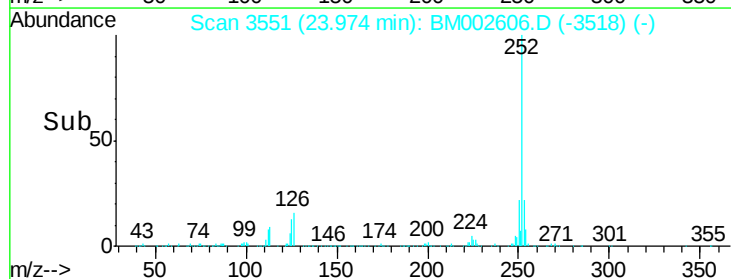
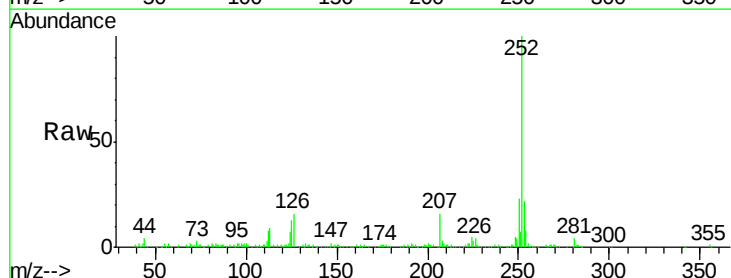
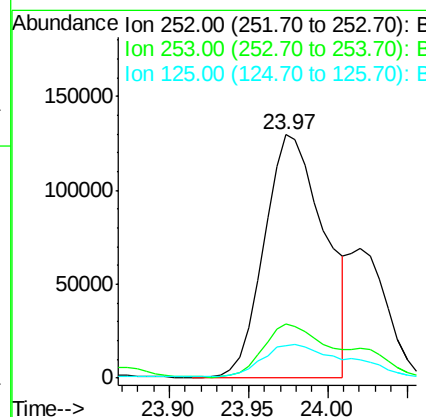
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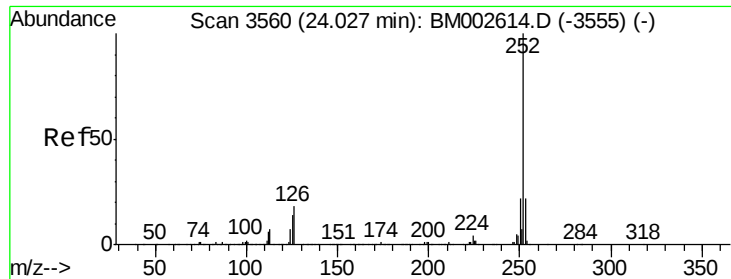
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#23
Benzo(b)fluoranthene
Concen: 16.71 ng/ul
RT: 23.97 min Scan# 3551
Delta R.T. -0.01 min
Lab File: BM002606.D
Acq: 01 Sep 2015 01:29

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	340095		
253	22.1		17.4	26.0
125	13.5		10.0	15.0





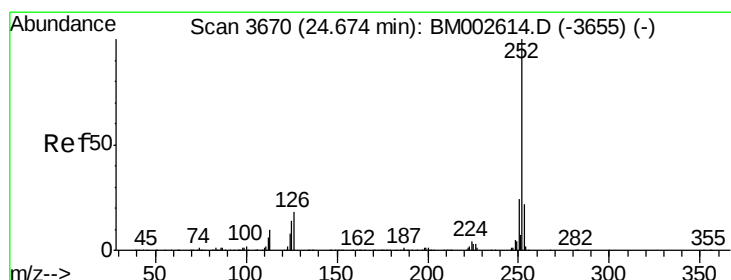
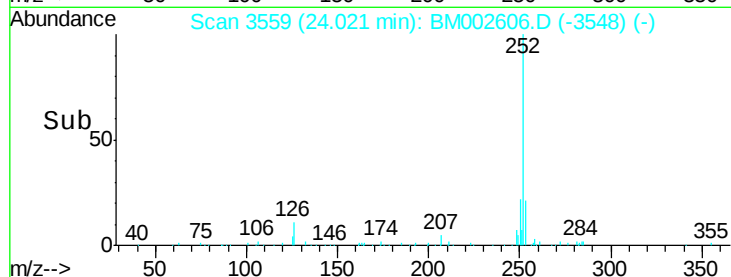
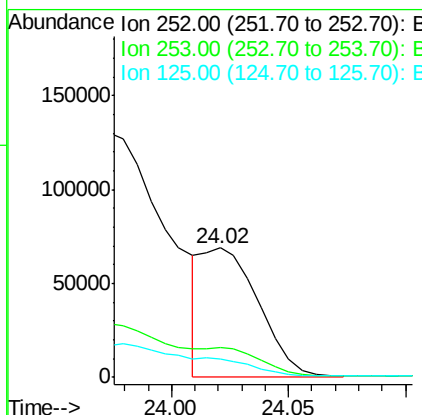
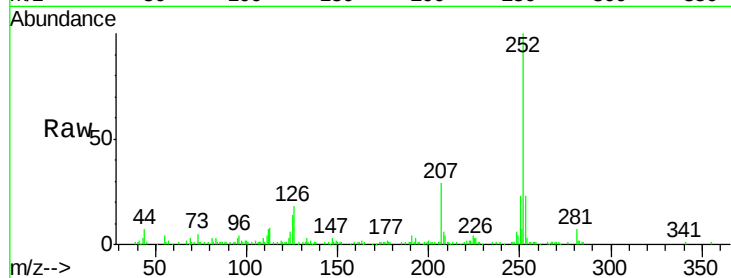
#24
Benzo(k)fluoranthene
Concen: 6.00 ng/ul m
RT: 24.02 min Scan# 3559
Delta R.T. -0.01 min
Lab File: BM002606.D
Acq: 01 Sep 2015 01:29

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
252	100	115676		
253	23.0	17.8	26.6	
125	13.7	9.8	14.8	

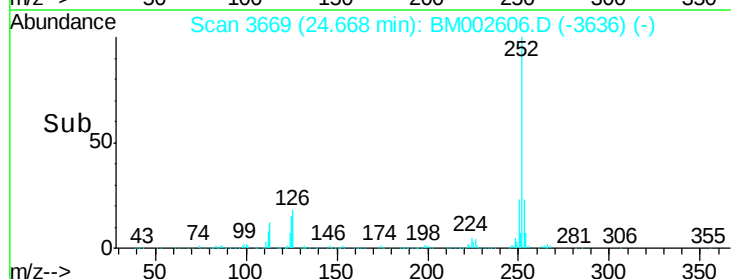
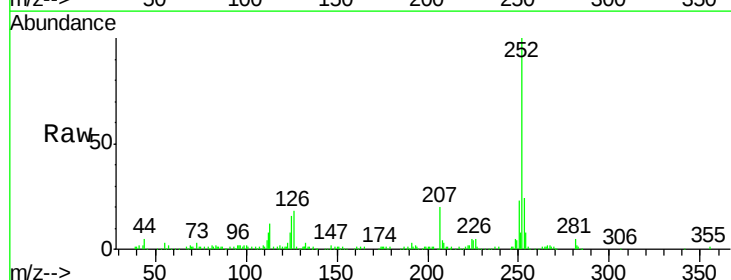
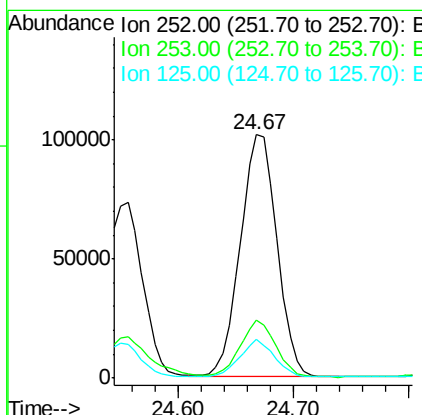
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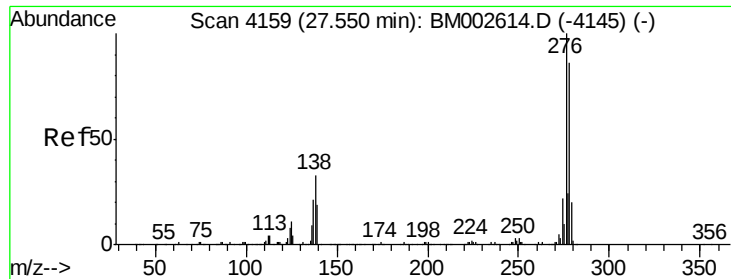
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#26
Benzo(a)pyrene
Concen: 11.60 ng/ul
RT: 24.67 min Scan# 3669
Delta R.T. -0.01 min
Lab File: BM002606.D
Acq: 01 Sep 2015 01:29

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	225429		
253	23.6	17.6	26.4	
125	15.7	10.7	16.1	





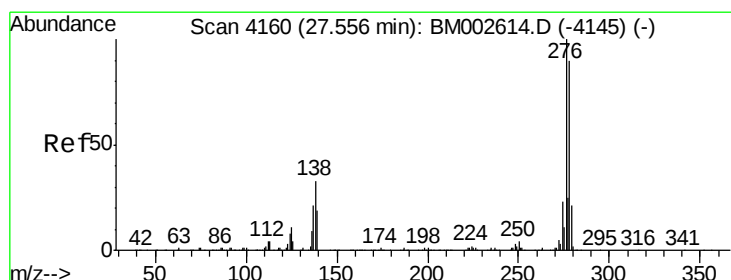
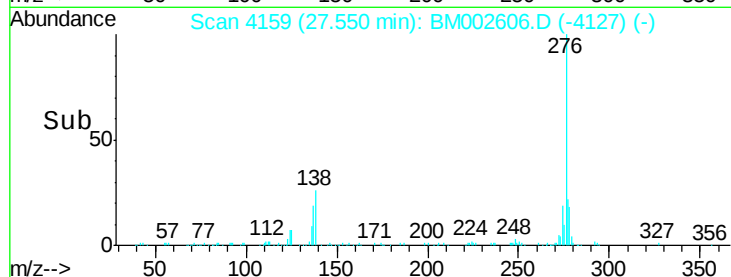
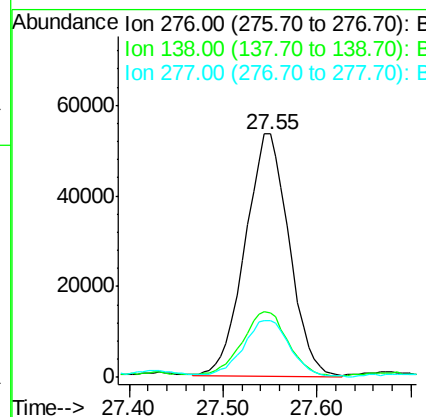
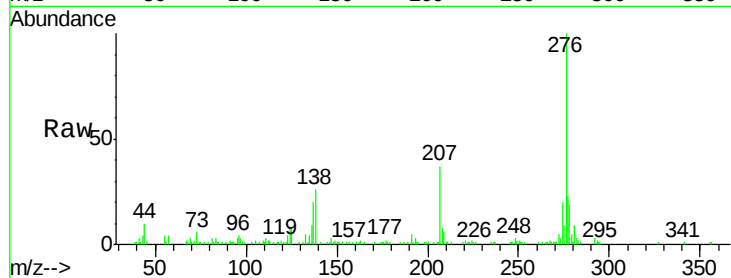
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 7.72 ng/uL
 RT: 27.55 min Scan# 4159
 Delta R.T. -0.01 min
 Lab File: BM002606.D
 Acq: 01 Sep 2015 01:29

Instrument :
 BNA_M
 ClientSampleId :
 D9EA5

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	172458		
138	26.3	25.3	37.9	
277	23.3	20.2	30.2	

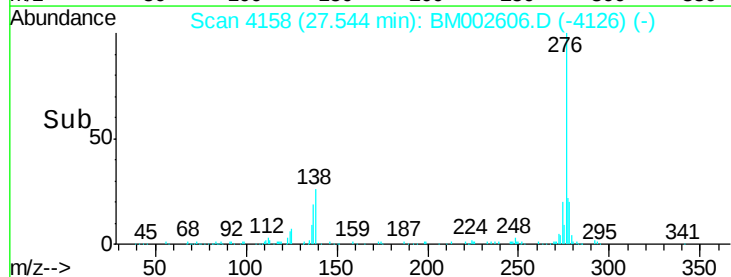
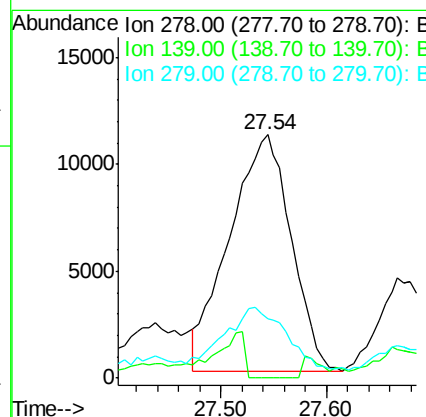
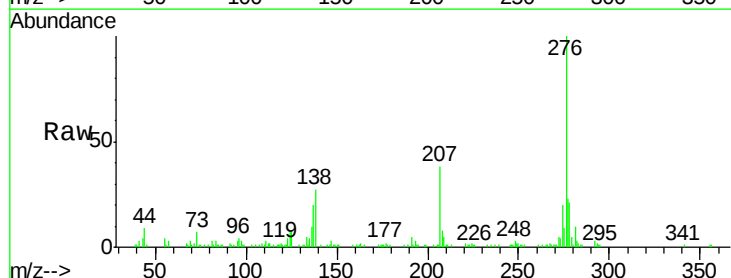
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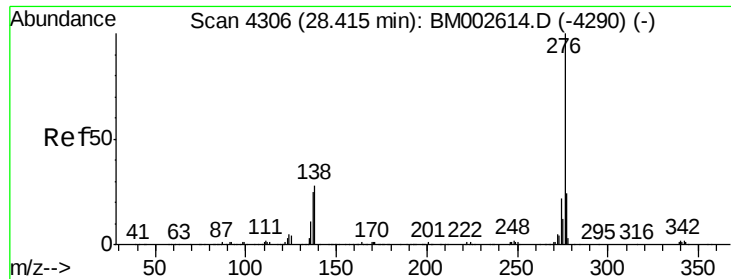
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#28
 Dibenzo(a,h)anthracene
 Concen: 2.39 ng/uL
 RT: 27.54 min Scan# 4158
 Delta R.T. -0.01 min
 Lab File: BM002606.D
 Acq: 01 Sep 2015 01:29

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	44689		
139	0.0	16.5	24.7#	
279	24.3	18.8	28.2	





#29

Benzo(g,h,i)perylene

Concen: 7.85 ng/ul

RT: 28.41 min Scan# 4305

Delta R.T. -0.02 min

Lab File: BM002606.D

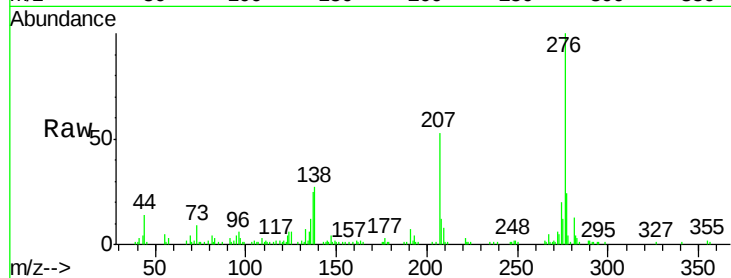
Acq: 01 Sep 2015 01:29

Instrument :

BNA_M

ClientSampleId :

D9EA5



Tgt	Ion	Ratio	Lower	Upper
276	100			
138	27.4	21.0	31.6	
277	24.3	19.2	28.8	

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