

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM083115\
 Data File : BM002608.D
 Acq On : 01 Sep 2015 02:42
 Operator : UM/IZ
 Sample : G3456-17
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9EA1

Manual Integrations
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MMDadoda
 9/1/2015 2:58:07 PM

Quant Time: Sep 01 03:29:48 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	122900	20.00	ng/ul	0.00
2) Naphthalene-d8	11.65	136	535719	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.37	164	259268	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.07	188	447693	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	344182	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	360372	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.07	160	308801	11.65	ng/ul	0.00
10) Fluorene-d10	16.34	176	197012	10.58	ng/ul	0.00
14) Anthracene-d10	18.17	188	242523	11.23	ng/ul	0.00
18) Pyrene-d10	20.40	212	186304	12.21	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.62	264	161011	8.51	ng/ul	0.00
Target Compounds						
8) Acenaphthylene	15.10	152	54916	1.98	ng/ul	99
13) Phenanthrene	18.12	178	193679	7.49	ng/ul	99
15) Anthracene	18.21	178	76972	2.94	ng/ul	99
16) Fluoranthene	20.07	202	560491	19.15	ng/ul	97
19) Pyrene	20.43	202	476456	23.63	ng/ul	99
20) Benzo(a)anthracene	22.14	228	325043	15.79	ng/ul	99
21) Chrysene	22.20	228	299558	15.56	ng/ul	96
23) Benzo(b)fluoranthene	23.97	252	439683	20.18	ng/ul	96
24) Benzo(k)fluoranthene	24.02	252	152921m	7.41	ng/ul	
26) Benzo(a)pyrene	24.67	252	304298	14.62	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	27.55	276	224427	9.38	ng/ul	95
28) Dibenzo(a,h)anthracene	27.55	278	62155	3.11	ng/ul#	83
29) Benzo(g,h,i)perylene	28.41	276	191613	9.62	ng/ul	97

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

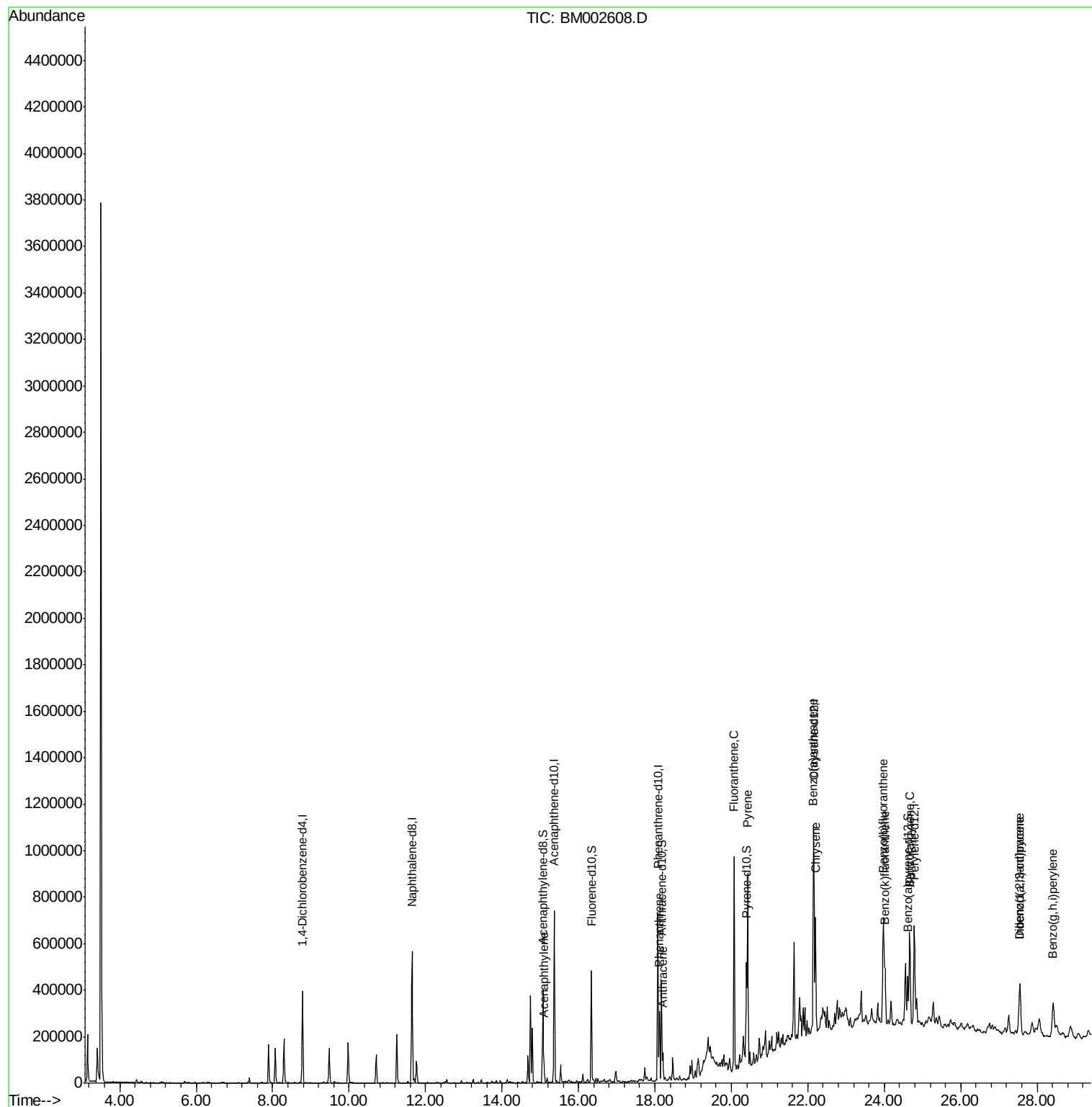
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM083115\
Data File : BM002608.D
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ALS Vial : 22 Sample Multiplier: 1

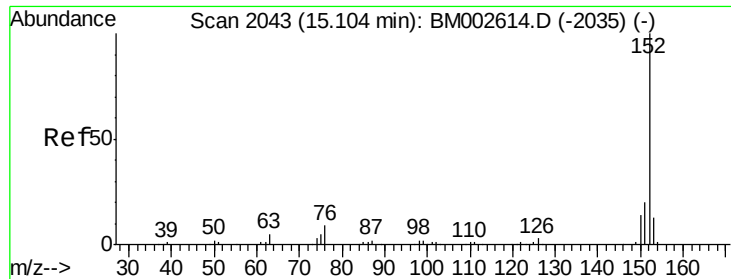
Instrument :
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Quant Time: Sep 01 03:29:48 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#8

Acenaphthylene

Concen: 1.98 ng/ul

RT: 15.10 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BM002608.D

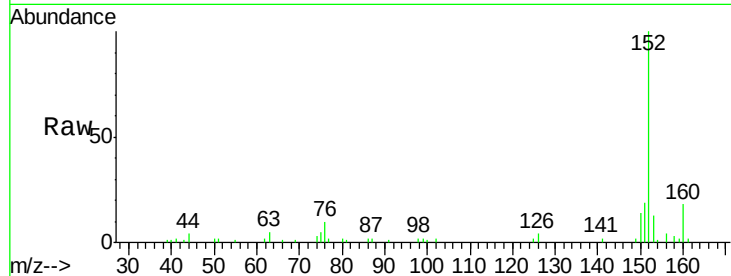
Acq: 01 Sep 2015 02:42

Instrument :

BNA_M

ClientSampleId :

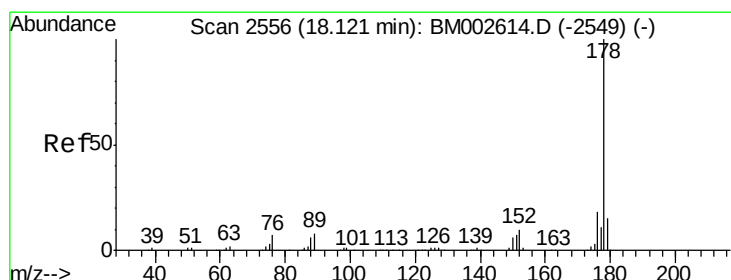
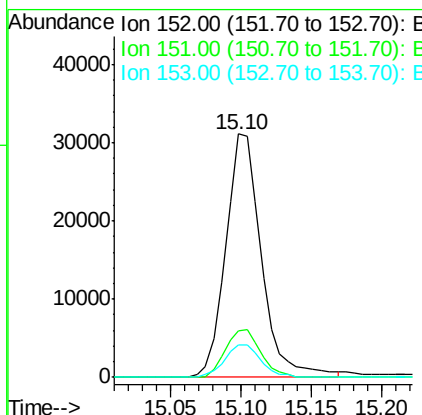
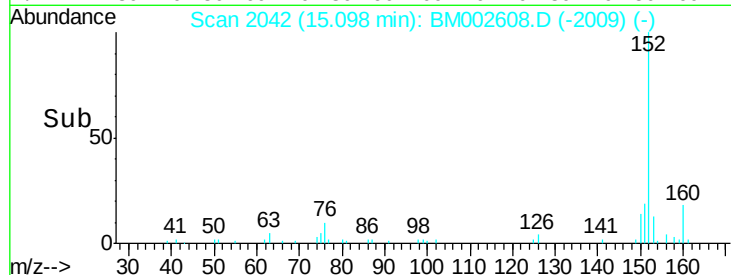
D9EA1



Tgt Ion:	152	Resp:	54916
Ion Ratio	Lower	Upper	
152	100		
151	19.2	15.7	23.5
153	13.1	10.2	15.4

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#13

Phenanthrene

Concen: 7.49 ng/ul

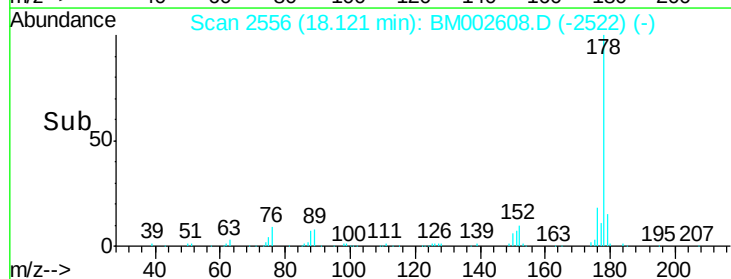
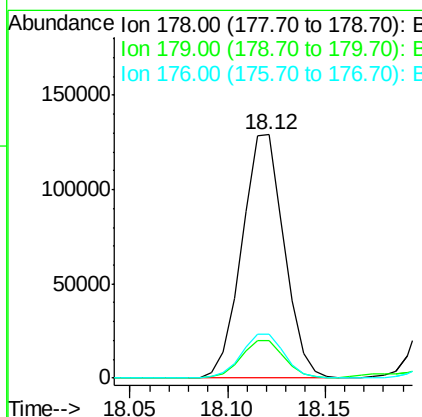
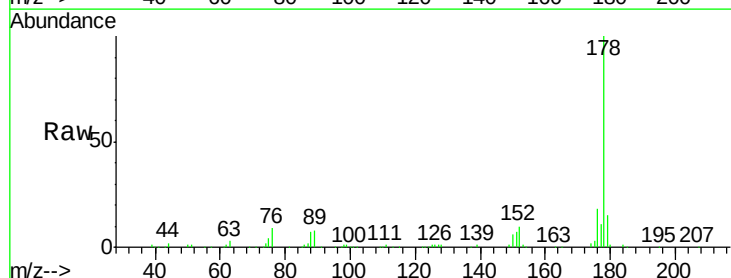
RT: 18.12 min Scan# 2556

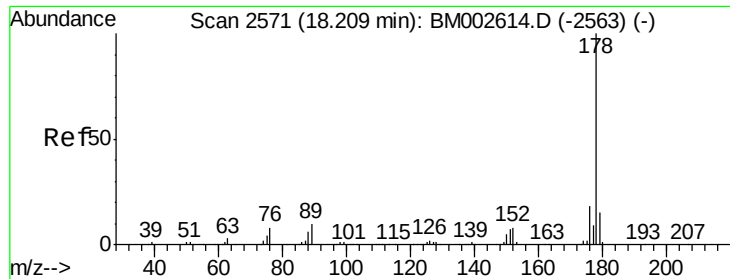
Delta R.T. 0.00 min

Lab File: BM002608.D

Acq: 01 Sep 2015 02:42

Tgt Ion:	178	Resp:	193679
Ion Ratio	Lower	Upper	
178	100		
179	15.2	12.4	18.6
176	18.1	15.1	22.7





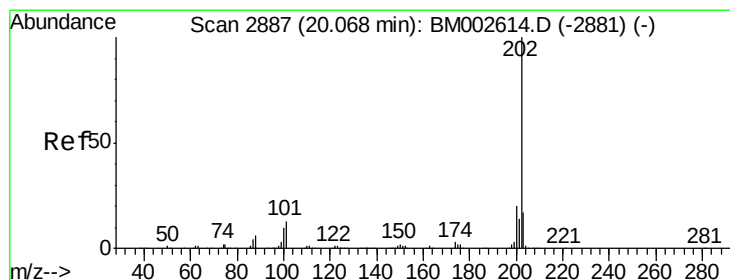
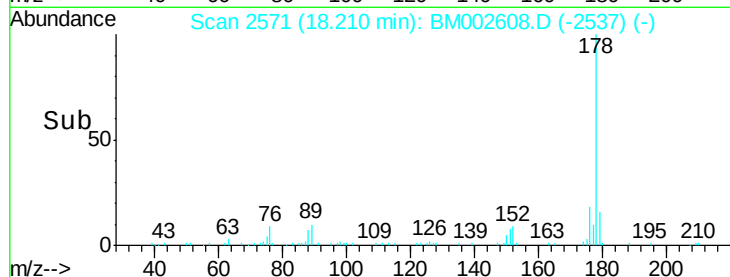
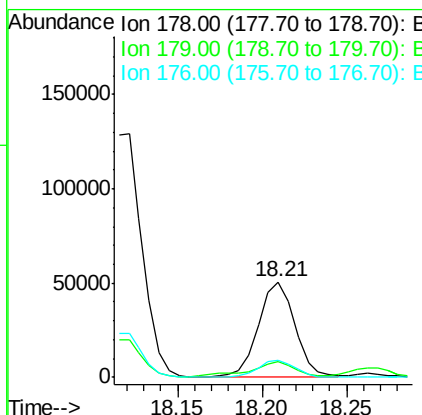
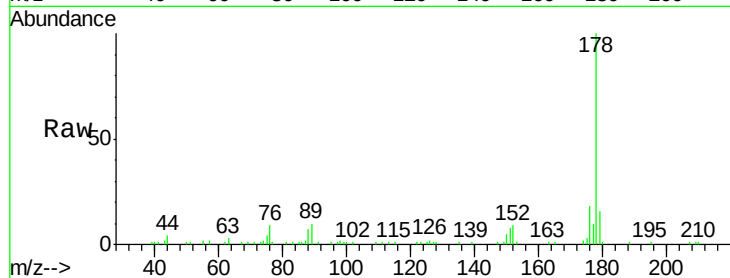
#15
 Anthracene
 Concen: 2.94 ng/ul
 RT: 18.21 min Scan# 2571
 Delta R.T. 0.00 min
 Lab File: BM002608.D
 Acq: 01 Sep 2015 02:42

Instrument :
 BNA_M
 ClientSampleId :
 D9EA1

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.6	18.8
176	18.2	14.5	21.7

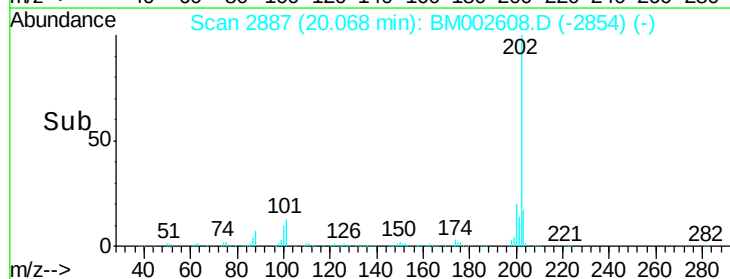
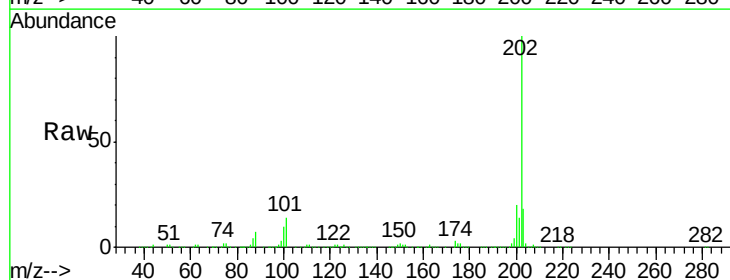
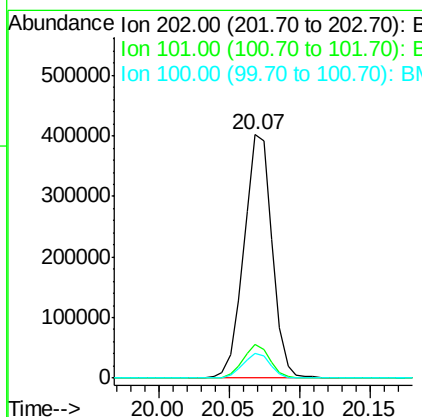
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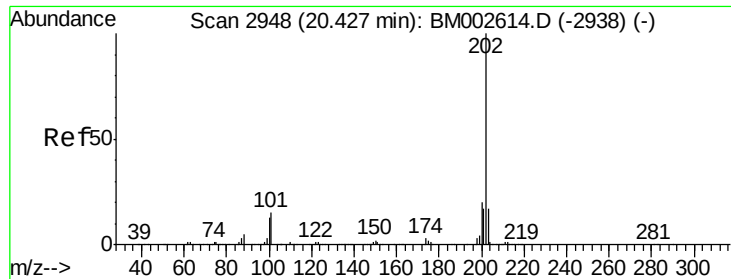
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#16
 Fluoranthene
 Concen: 19.15 ng/ul
 RT: 20.07 min Scan# 2887
 Delta R.T. -0.01 min
 Lab File: BM002608.D
 Acq: 01 Sep 2015 02:42

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.6	9.7	14.5
100	10.1	7.4	11.2





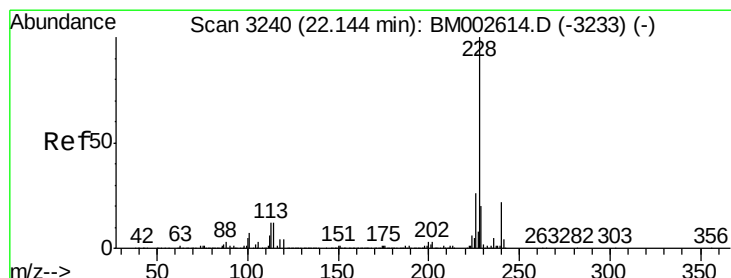
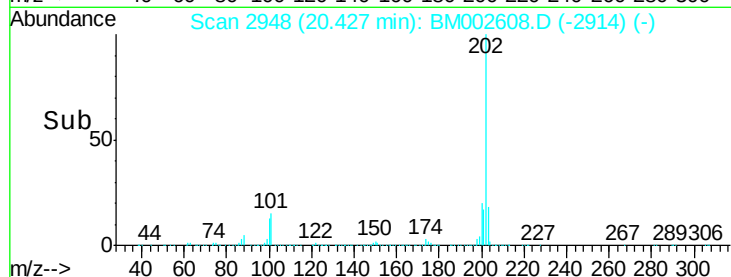
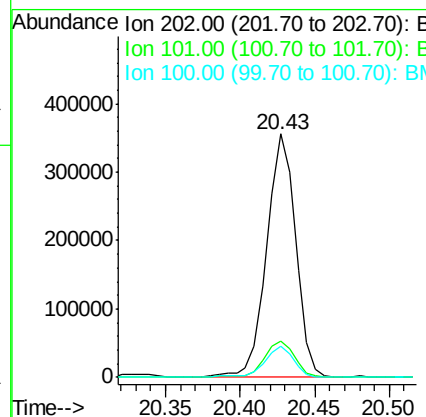
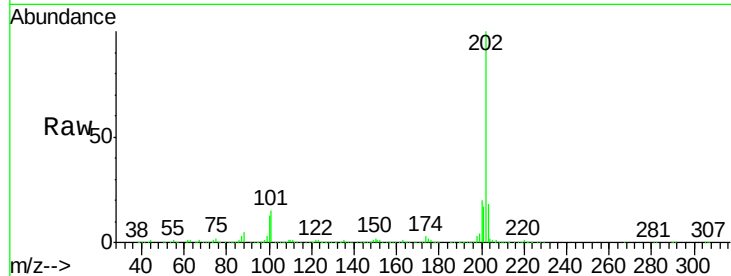
#19
 Pyrene
 Concen: 23.63 ng/ul
 RT: 20.43 min Scan# 2948
 Delta R.T. 0.00 min
 Lab File: BM002608.D
 Acq: 01 Sep 2015 02:42

Instrument :
 BNA_M
 ClientSampleId :
 D9EA1

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	476456		
101	15.1	12.0	18.0	
100	12.6	9.7	14.5	

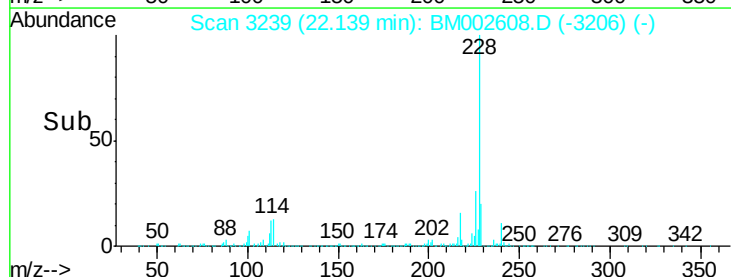
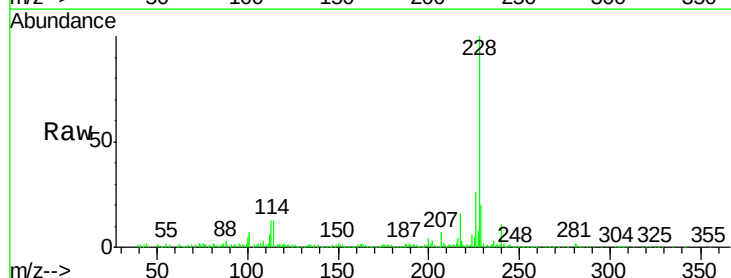
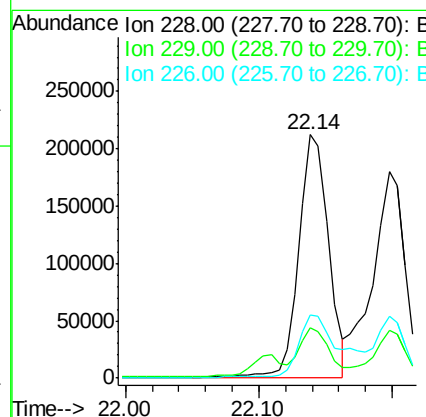
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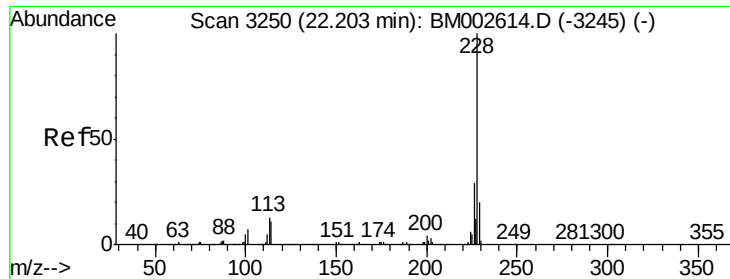
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#20
 Benzo(a)anthracene
 Concen: 15.79 ng/ul
 RT: 22.14 min Scan# 3239
 Delta R.T. -0.01 min
 Lab File: BM002608.D
 Acq: 01 Sep 2015 02:42

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	325043		
229	20.5	15.8	23.6	
226	25.9	21.1	31.7	





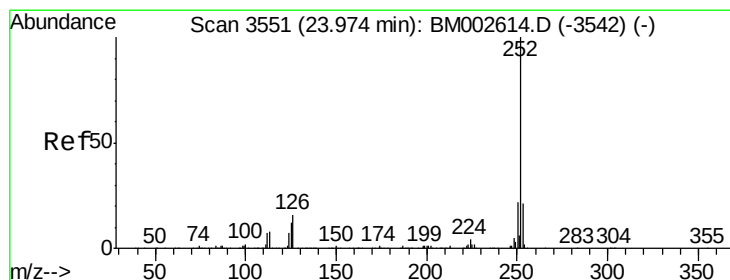
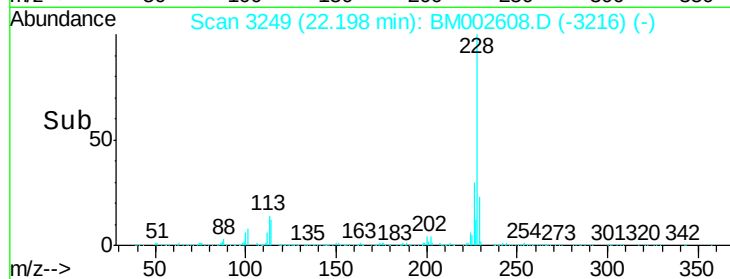
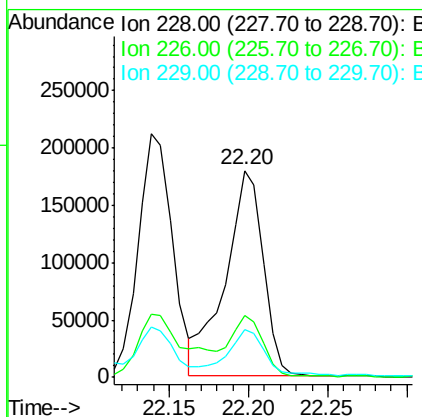
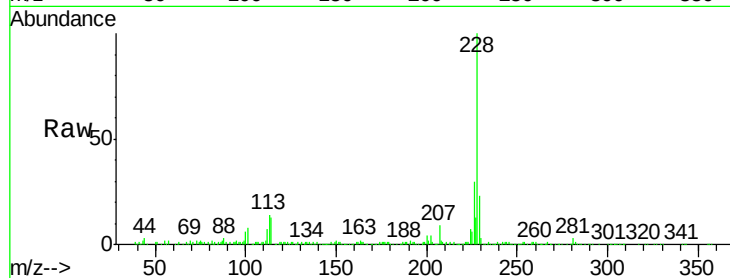
#21
Chrysene
Concen: 15.56 ng/ul
RT: 22.20 min Scan# 3249
Delta R.T. -0.01 min
Lab File: BM002608.D
Acq: 01 Sep 2015 02:42

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
228	100	299558		
226	29.9		23.4	35.2
229	23.2		15.7	23.5

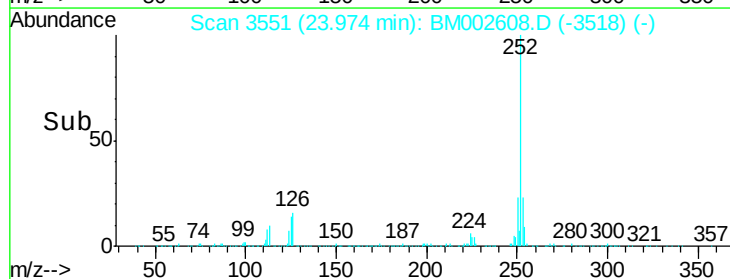
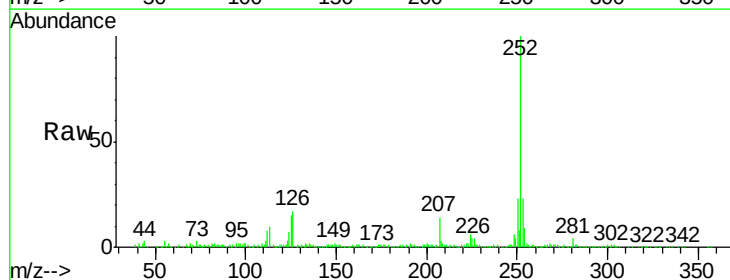
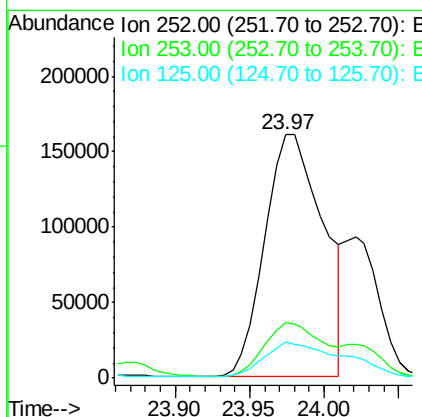
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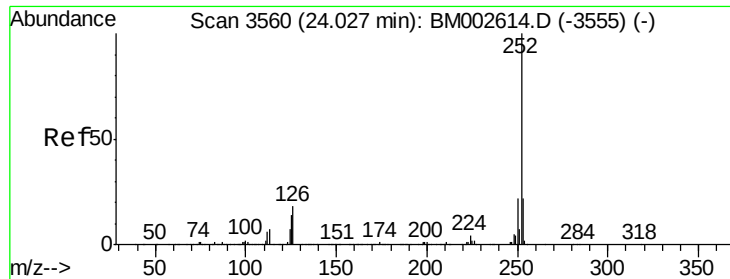
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#23
Benzo(b)fluoranthene
Concen: 20.18 ng/ul
RT: 23.97 min Scan# 3551
Delta R.T. -0.01 min
Lab File: BM002608.D
Acq: 01 Sep 2015 02:42

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	439683		
253	23.0		17.4	26.0
125	14.7		10.0	15.0





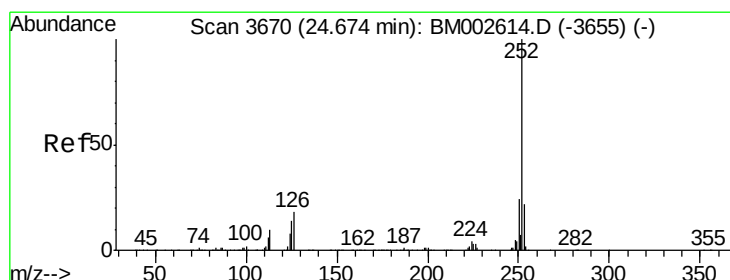
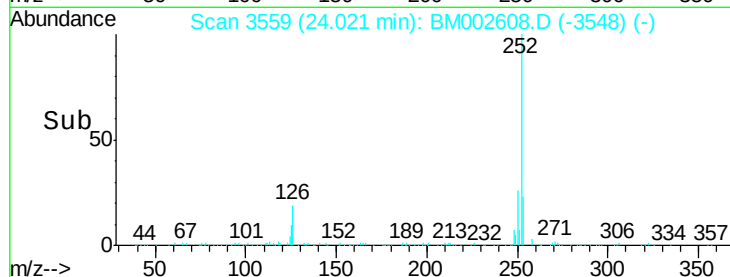
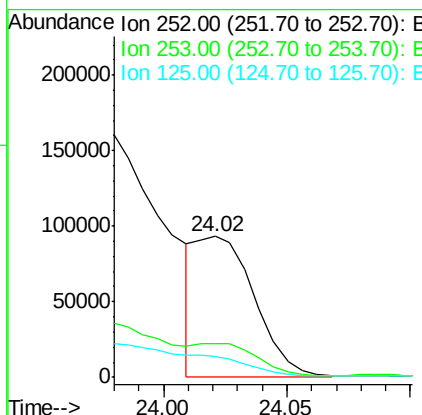
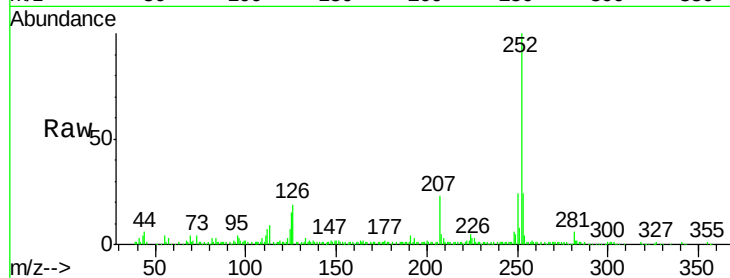
#24
Benzo(k)fluoranthene
Concen: 7.41 ng/ul m
RT: 24.02 min Scan# 3559
Delta R.T. -0.01 min
Lab File: BM002608.D
Acq: 01 Sep 2015 02:42

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
252	100	152921		
253	24.2	17.8	26.6	
125	14.8	9.8	14.8#	

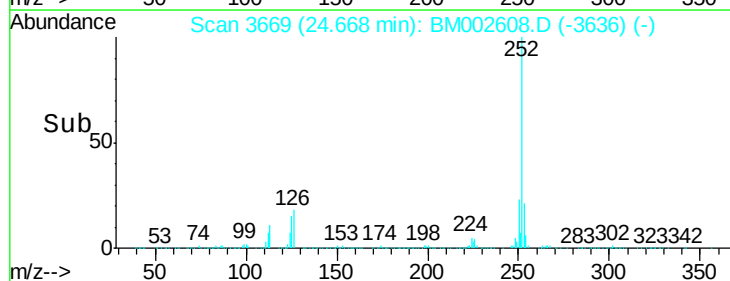
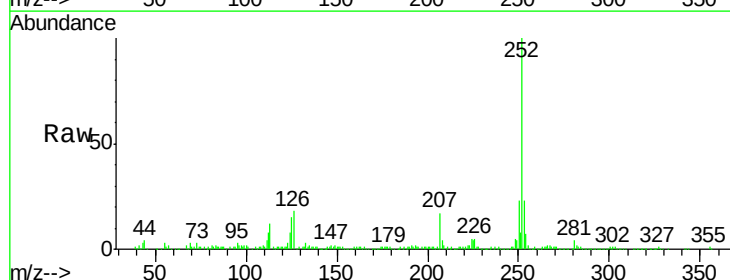
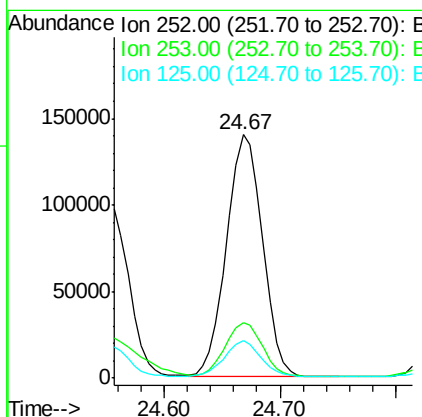
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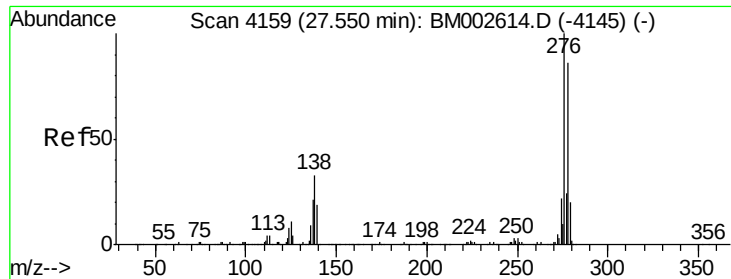
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#26
Benzo(a)pyrene
Concen: 14.62 ng/ul
RT: 24.67 min Scan# 3669
Delta R.T. -0.01 min
Lab File: BM002608.D
Acq: 01 Sep 2015 02:42

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	304298		
253	22.6	17.6	26.4	
125	15.4	10.7	16.1	





#27

Indeno(1,2,3-cd)pyrene

Concen: 9.38 ng/ul

RT: 27.55 min Scan# 4159

Delta R.T. -0.01 min

Lab File: BM002608.D

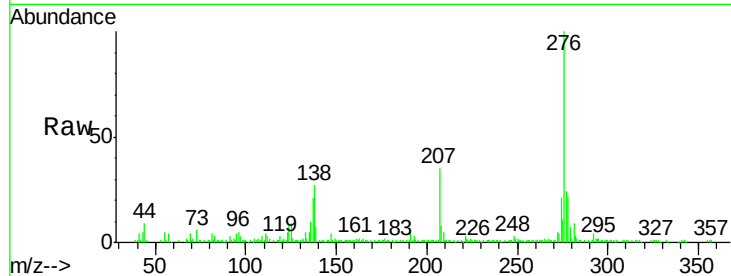
Acq: 01 Sep 2015 02:42

Instrument :

BNA_M

ClientSampleId :

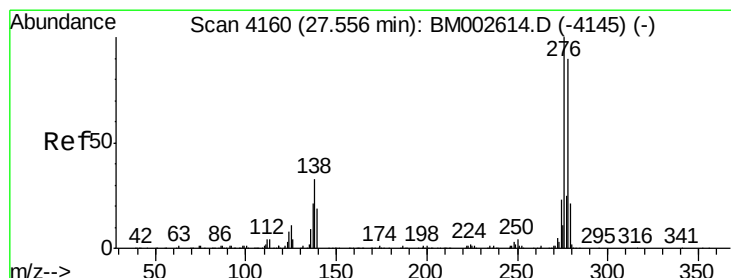
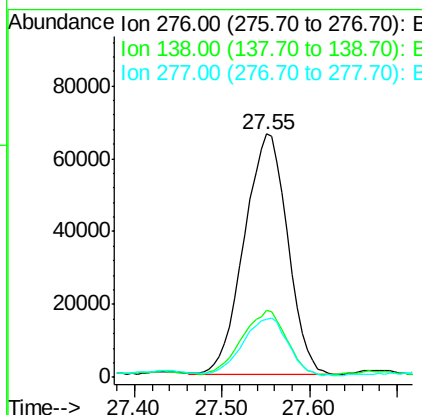
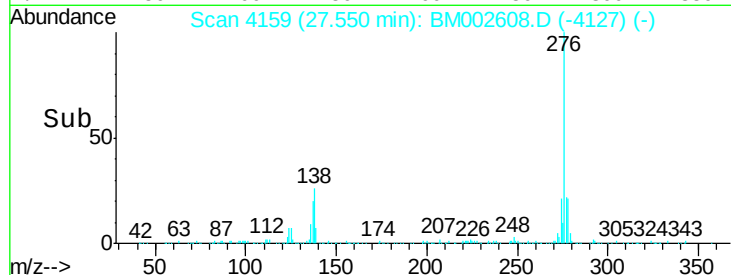
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Tgt Ion	Ratio	Resp	Lower	Upper
276	100	224427		
138	27.4	25.3	37.9	
277	24.0	20.2	30.2	

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#28

Dibenzo(a,h)anthracene

Concen: 3.11 ng/ul

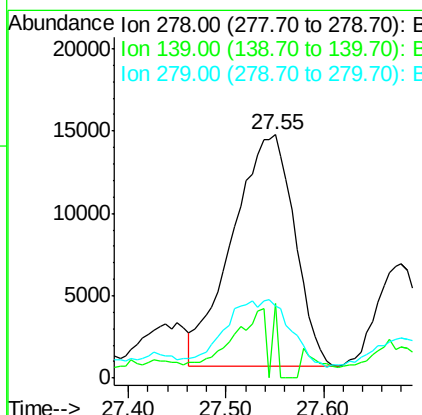
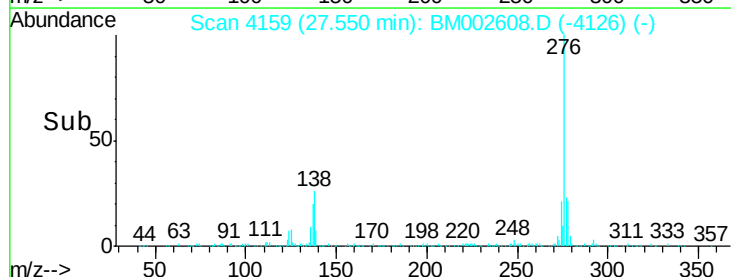
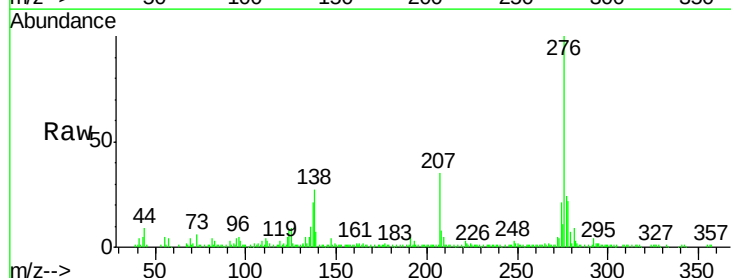
RT: 27.55 min Scan# 4159

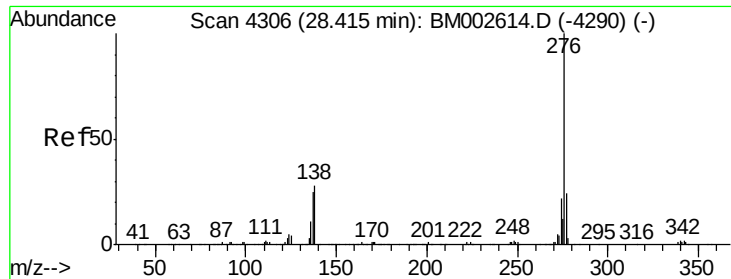
Delta R.T. -0.01 min

Lab File: BM002608.D

Acq: 01 Sep 2015 02:42

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	62155		
139	30.8	16.5	24.7#	
279	29.4	18.8	28.2#	





#29

Benzo(g,h,i)perylene

Concen: 9.62 ng/ul

RT: 28.41 min Scan# 4306

Delta R.T. -0.01 min

Lab File: BM002608.D

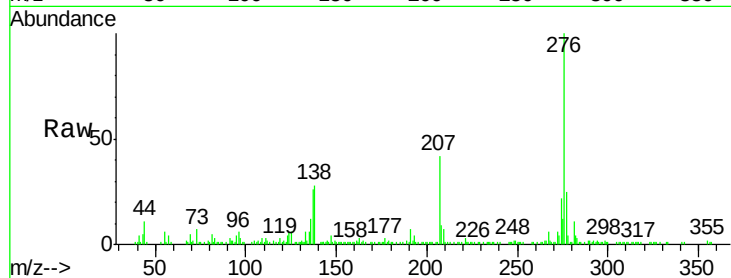
Acq: 01 Sep 2015 02:42

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion:	276	Resp:	191613
Ion Ratio		Lower	Upper
276	100		
138	27.8	21.0	31.6
277	25.2	19.2	28.8

Manual Integrations
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