

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
 Data File : BM031541.D
 Acq On : 07 Aug 2021 07:25
 Operator : CG/JU
 Sample : M3124-22
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00B7

Manual Integrations
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Quant Time: Aug 07 07:58:08 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 07 05:36:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	1567	0.400	ng/ul	0.00
4) Naphthalene-d8	10.347	136	5633	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.220	164	3234	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.968	188	6154	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.161	240	4852	0.400	ng/ul	# 0.00
23) Perylene-d12	23.314	264	4794	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	3181	1.828	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.944	152	1900	0.200	ng/ul	0.00
18) Fluoranthene-d10	19.001	212	3861	0.238	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.397	128	724	0.043	ng/ul#	78
7) 2-Methylnaphthalene	12.020	142	685	0.060	ng/ul	97
8) 1-Methylnaphthalene	12.241	142	363	0.032	ng/ul	99
10) Acenaphthylene	13.936	152	686	0.050	ng/ul#	71
15) Phenanthrene	17.010	178	3445	0.176	ng/ul	96
16) Anthracene	17.100	178	668	0.037	ng/ul#	76
19) Fluoranthene	19.031	202	5933	0.286	ng/ul#	95
20) Pyrene	19.394	202	5054	0.241	ng/ul#	93
21) Benzo(a)anthracene	21.144	228	2625	0.134	ng/ul#	80
22) Chrysene	21.198	228	2953	0.146	ng/ul#	87
24) Benzo(b)fluoranthene	22.679	252	3584m	0.166	ng/ul	
25) Benzo(k)fluoranthene	22.716	252	1121m	0.050	ng/ul	
26) Benzo(a)pyrene	23.222	252	2428	0.128	ng/ul#	32
27) Indeno(1,2,3-cd)pyrene	25.449	276	1659	0.068	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.456	278	421	0.021	ng/ul#	1
29) Benzo(g,h,i)perylene	26.103	276	1131	0.054	ng/ul#	43

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

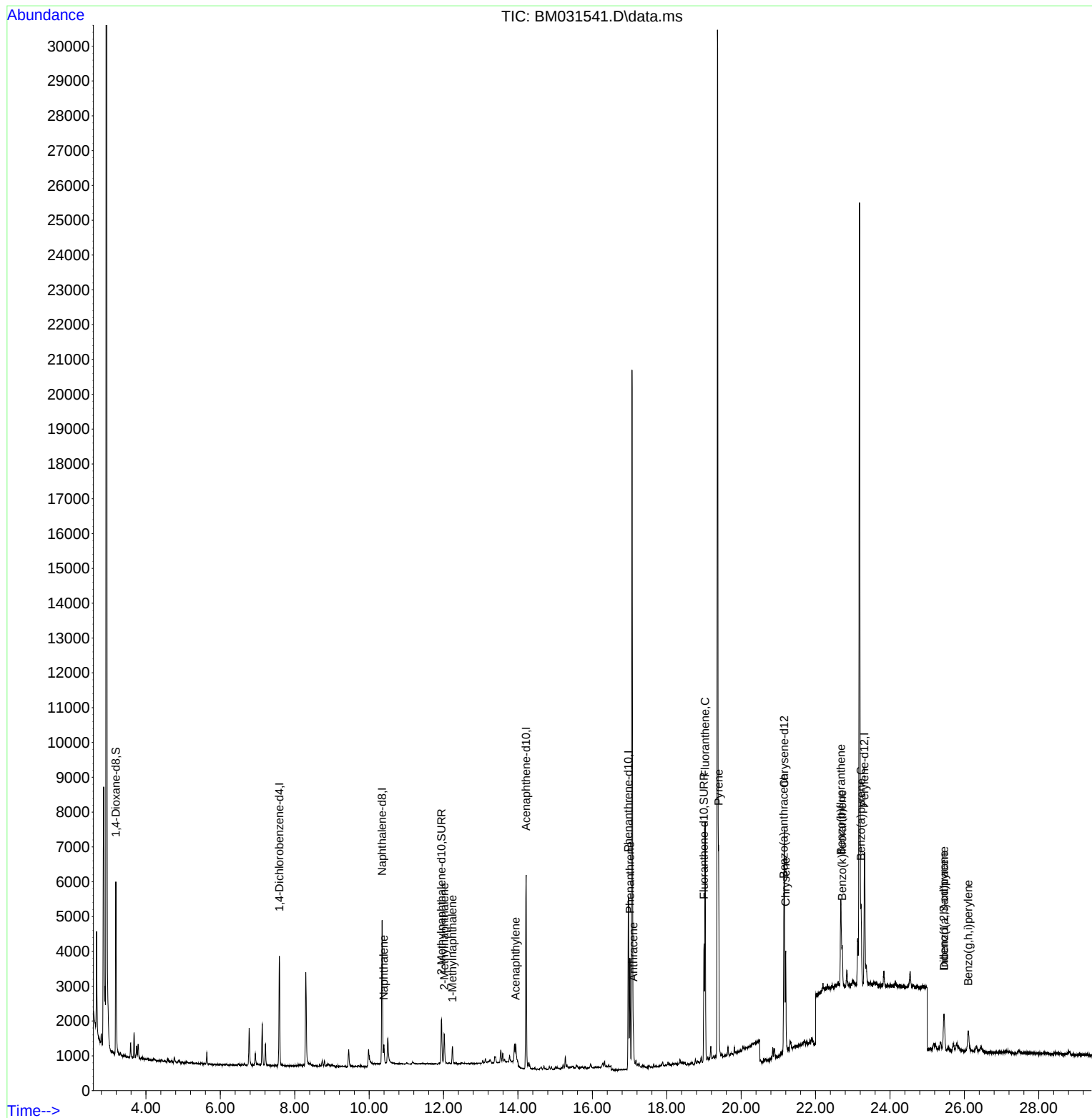
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
Data File : BM031541.D
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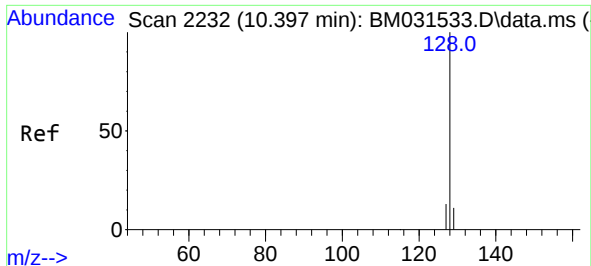
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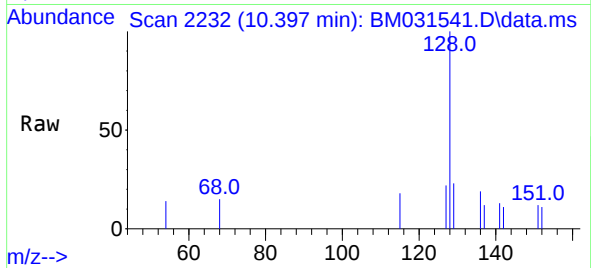
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Quant Time: Aug 07 07:58:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 07 05:36:47 2021
Response via : Initial Calibration

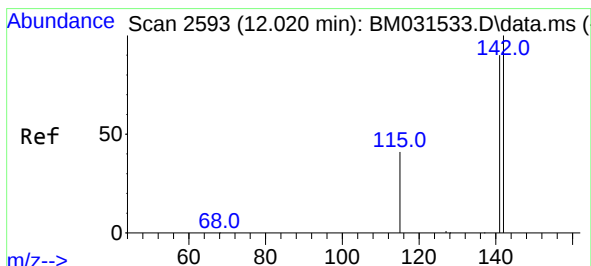
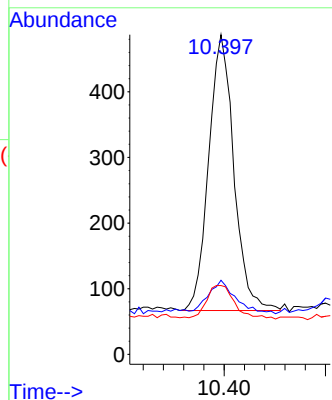
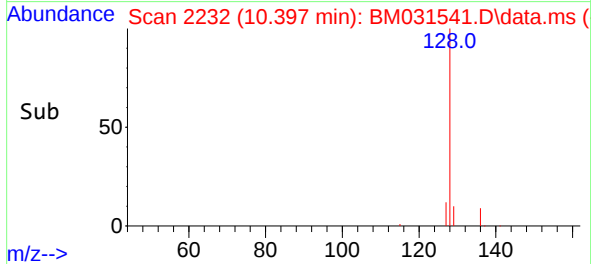




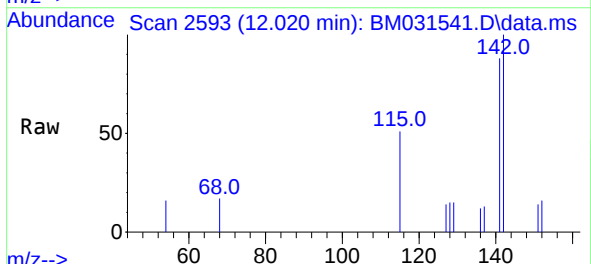
#5
Naphthalene
Concen: 0.043 ng/u1
RT: 10.397 min Scan# 2232
Delta R.T. 0.001 min
Lab File: BM031541.D
Acq: 07 Aug 2021 07:25



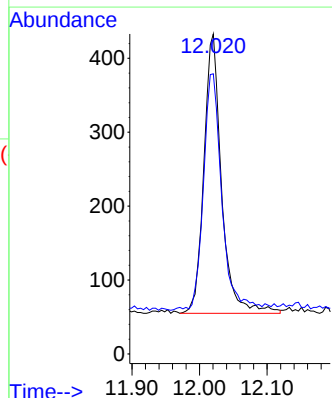
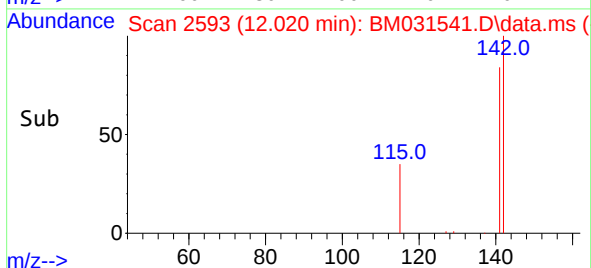
Tgt Ion:128 Resp: 724
Ion Ratio Lower Upper
128 100
129 23.2 10.0 15.0#
127 21.6 11.6 17.4#



#7
2-Methylnaphthalene
Concen: 0.060 ng/u1
RT: 12.020 min Scan# 2593
Delta R.T. 0.001 min
Lab File: BM031541.D
Acq: 07 Aug 2021 07:25



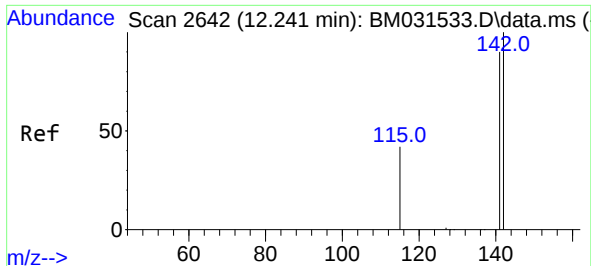
Tgt Ion:142 Resp: 685
Ion Ratio Lower Upper
142 100
141 86.0 71.4 107.0



Instrument :
BNA_M
ClientSampled :
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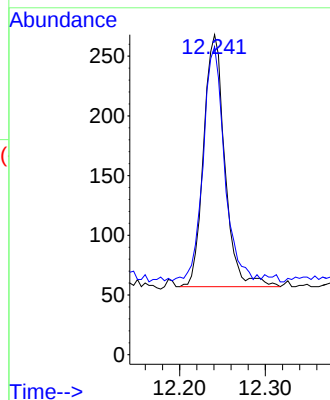
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#8
1-Methylnaphthalene
Concen: 0.032 ng/ul
RT: 12.241 min Scan# 2642
Delta R.T. 0.001 min
Lab File: BM031541.D
Acq: 07 Aug 2021 07:25

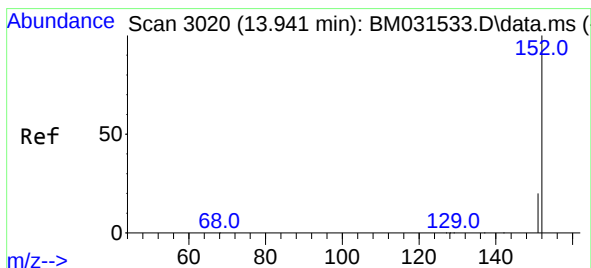
Tgt Ion:142 Resp: 363
Ion Ratio Lower Upper
142 100
141 93.4 74.1 111.1



Instrument :
BNA_M
ClientSampleId :
C00B7

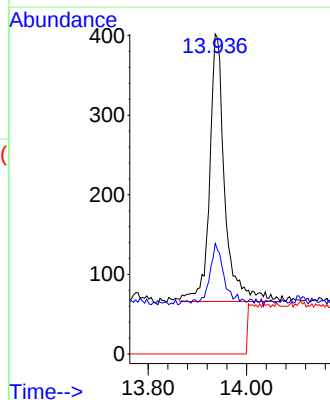
Manual Integrations
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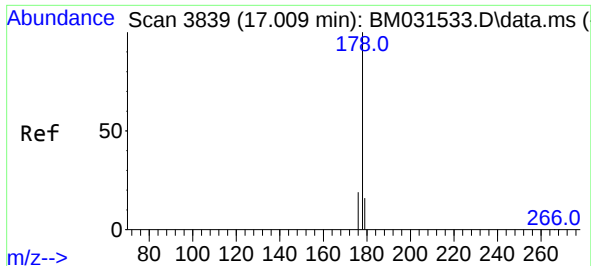
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#10
Acenaphthylene
Concen: 0.050 ng/ul
RT: 13.936 min Scan# 3019
Delta R.T. -0.004 min
Lab File: BM031541.D
Acq: 07 Aug 2021 07:25

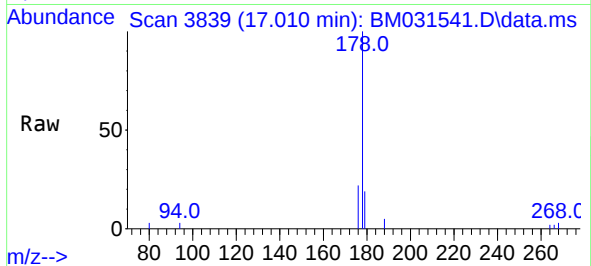
Tgt Ion:152 Resp: 686
Ion Ratio Lower Upper
152 100
151 34.6 16.9 25.3#
153 0.0 0.0 0.0





#15
Phenanthrene
Concen: 0.176 ng/u1
RT: 17.010 min Scan# 3839
Delta R.T. -0.003 min
Lab File: BM031541.D
Acq: 07 Aug 2021 07:25

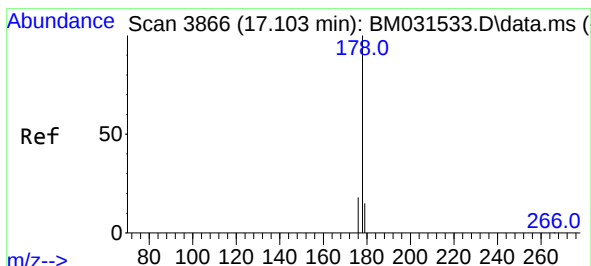
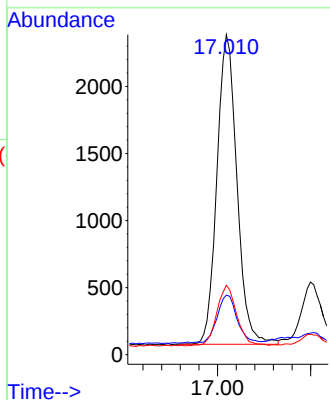
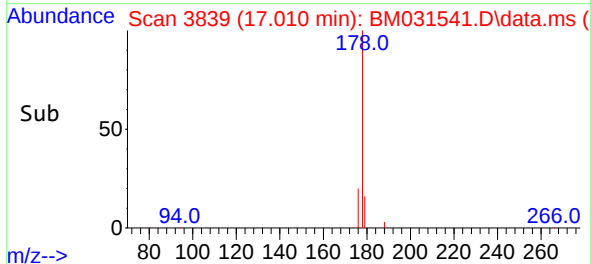
Instrument :
BNA_M
ClientSampled :
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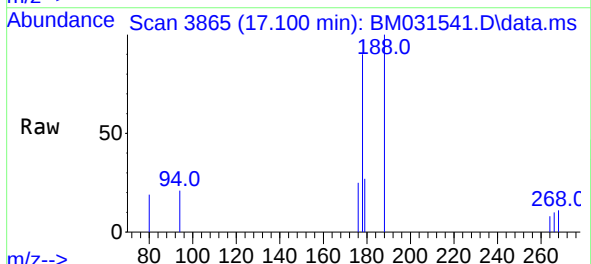
Tgt Ion:	178	Resp:	3445
Ion Ratio	Lower	Upper	
178	100		
179	18.6	13.3	19.9
176	21.7	16.2	24.4

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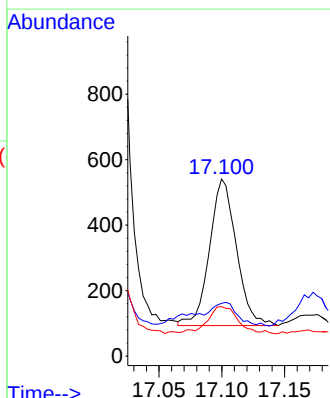
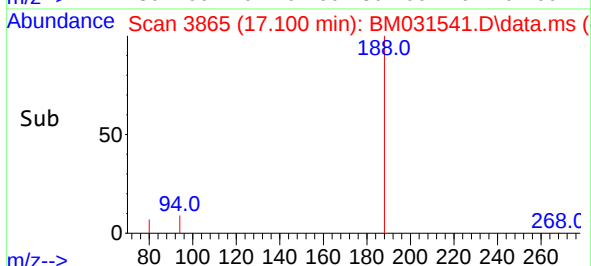
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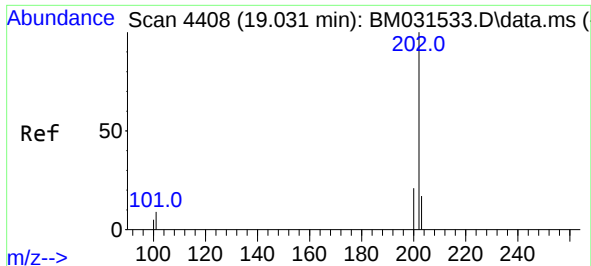


#16
Anthracene
Concen: 0.037 ng/u1
RT: 17.100 min Scan# 3865
Delta R.T. -0.003 min
Lab File: BM031541.D
Acq: 07 Aug 2021 07:25



Tgt Ion:	178	Resp:	668
Ion Ratio	Lower	Upper	
178	100		
179	29.8	13.0	19.6#
176	27.9	15.6	23.4#





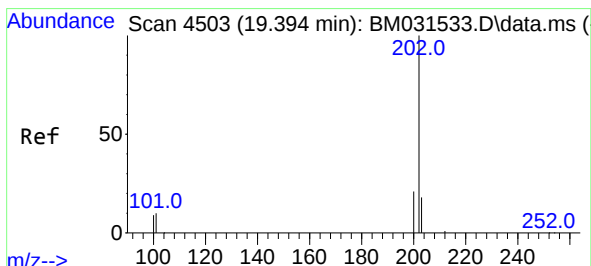
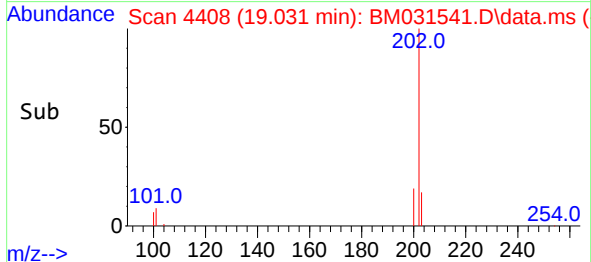
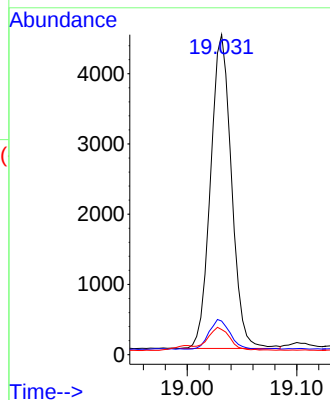
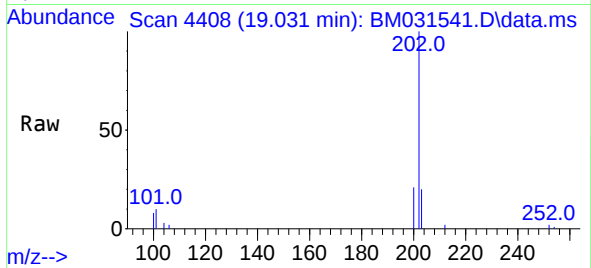
#19
Fluoranthene
Concen: 0.286 ng/u1
RT: 19.031 min Scan# 4408
Delta R.T. 0.000 min
Lab File: BM031541.D
Acq: 07 Aug 2021 07:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.5	6.6	10.0#
100	7.9	5.4	8.0

Instrument :
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ClientSampleId :
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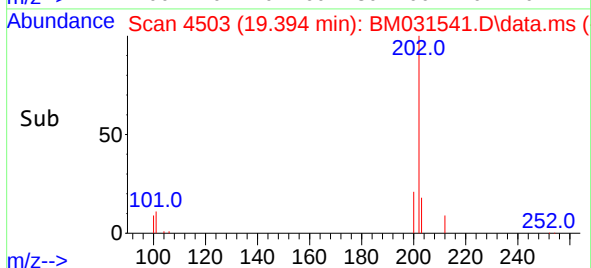
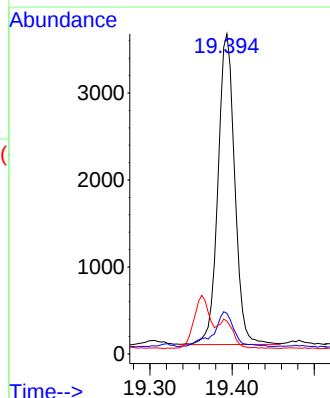
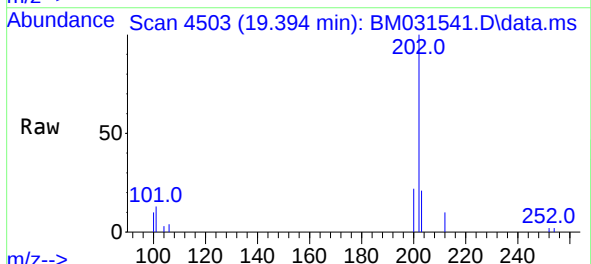
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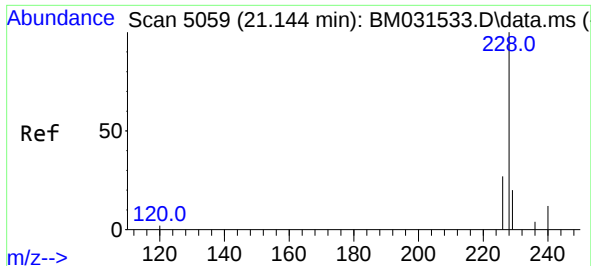
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#20
Pyrene
Concen: 0.241 ng/u1
RT: 19.394 min Scan# 4503
Delta R.T. -0.004 min
Lab File: BM031541.D
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	7.8	11.6#
100	10.3	6.6	10.0#





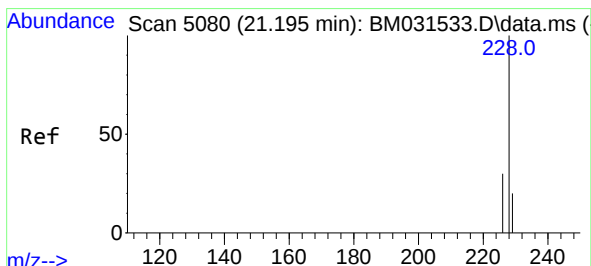
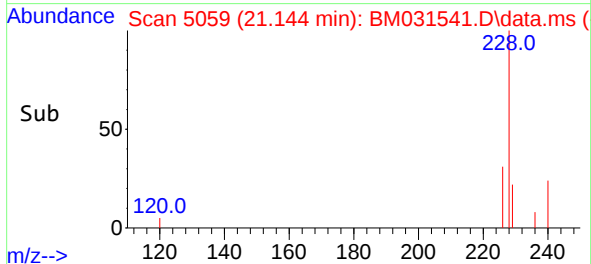
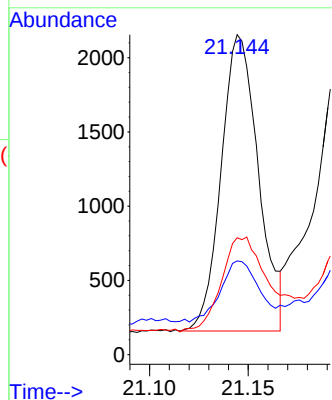
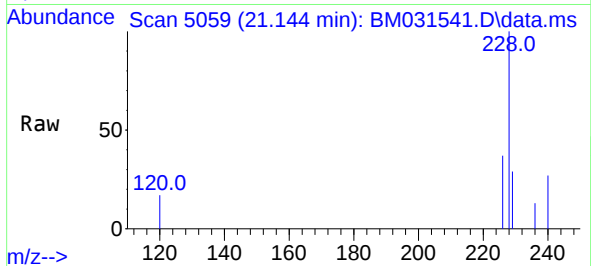
#21
Benzo(a)anthracene
Concen: 0.134 ng/ul
RT: 21.144 min Scan# 5059
Delta R.T. -0.007 min
Lab File: BM031541.D
Acq: 07 Aug 2021 07:25

Tgt Ion:	228	Resp:	2625
Ion Ratio	Lower	Upper	
228	100		
229	29.3	15.6	23.4#
226	36.5	21.7	32.5#

Instrument :
BNA_M
ClientSampled :
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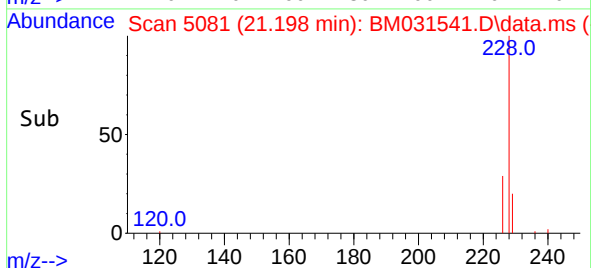
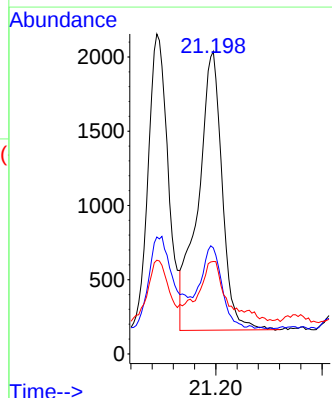
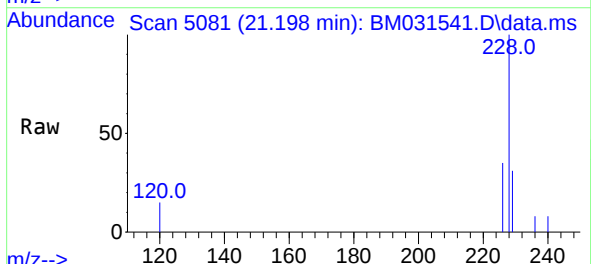
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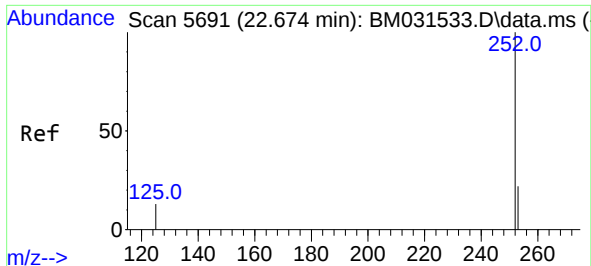
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#22
Chrysene
Concen: 0.146 ng/ul
RT: 21.198 min Scan# 5081
Delta R.T. -0.002 min
Lab File: BM031541.D
Acq: 07 Aug 2021 07:25

Tgt Ion:	228	Resp:	2953
Ion Ratio	Lower	Upper	
228	100		
226	35.0	24.7	37.1
229	30.6	16.2	24.2#





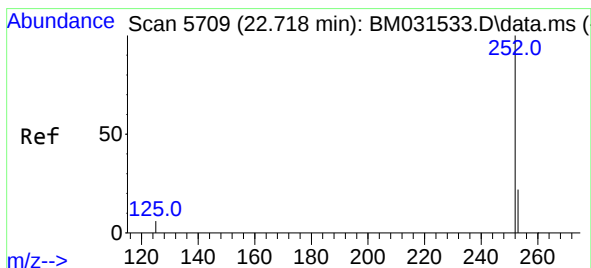
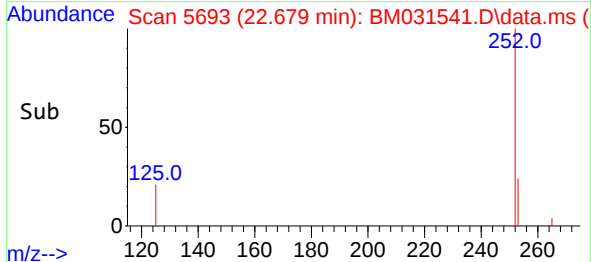
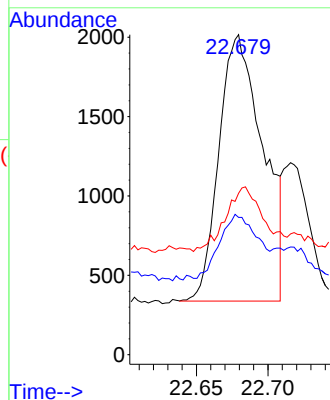
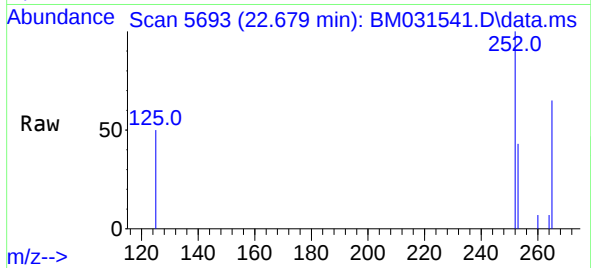
#24
Benzo(b)fluoranthene
Concen: 0.166 ng/ul m
RT: 22.679 min Scan# 5693
Delta R.T. -0.002 min
Lab File: BM031541.D
Acq: 07 Aug 2021 07:25

Tgt Ion:252	Resp:	3584
Ion Ratio	Lower	Upper
252	100	
253	42.9	0.0 53.0
125	50.4	0.0 22.8#

Instrument :
BNA_M
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C00B7

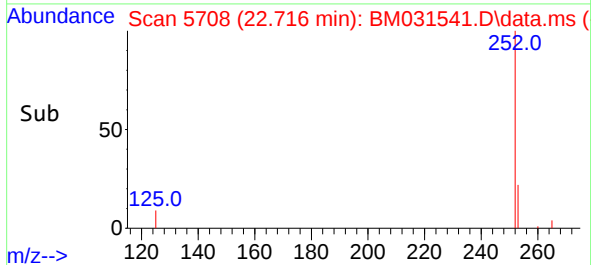
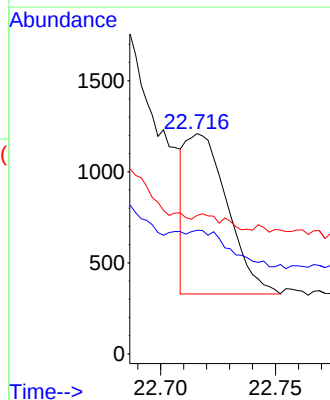
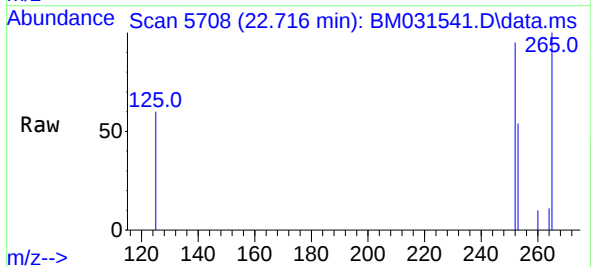
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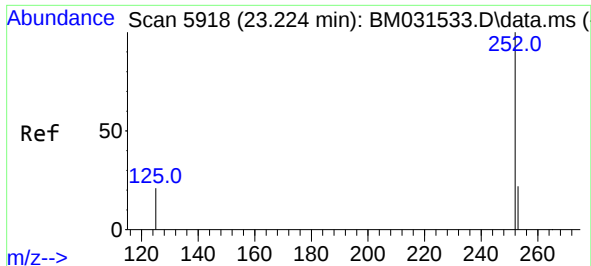
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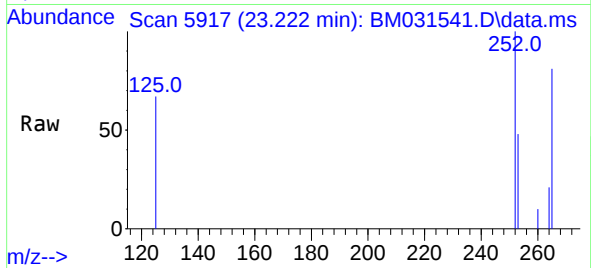
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Benzo(k)fluoranthene
Concen: 0.050 ng/ul m
RT: 22.716 min Scan# 5708
Delta R.T. -0.007 min
Lab File: BM031541.D
Acq: 07 Aug 2021 07:25

Tgt Ion:252	Resp:	1121
Ion Ratio	Lower	Upper
252	100	
253	56.1	21.3 31.9#
125	62.9	8.8 13.2#

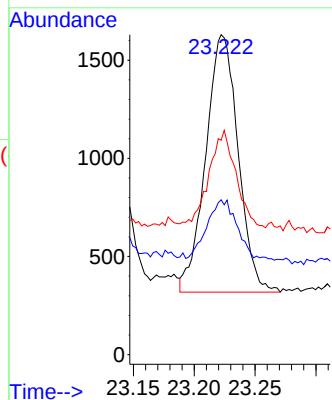




#26
Benzo(a)pyrene
Concen: 0.128 ng/ul
RT: 23.222 min Scan# 5917
Delta R.T. -0.009 min
Lab File: BM031541.D
Acq: 07 Aug 2021 07:25



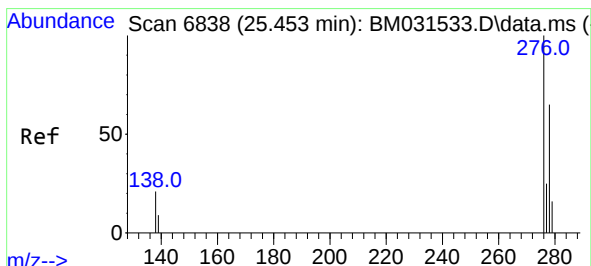
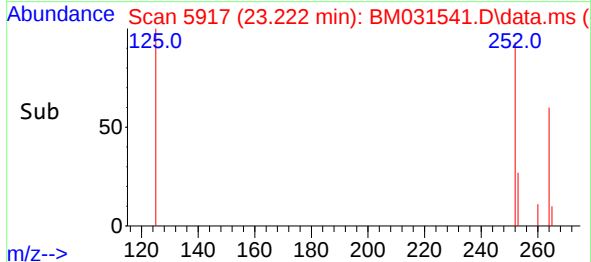
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Ion Ratio Lower Upper
252 100
253 48.4 22.4 33.6#
125 67.0 13.0 19.4#



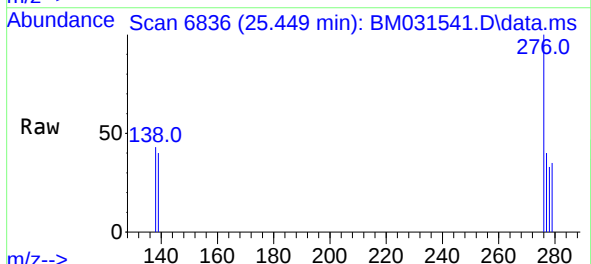
Instrument :
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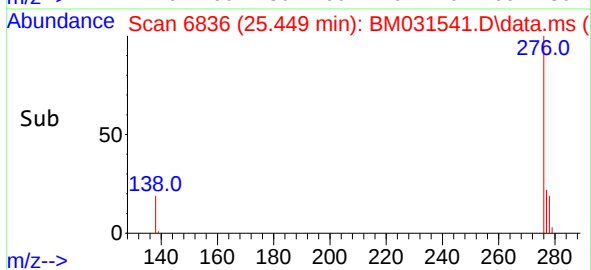
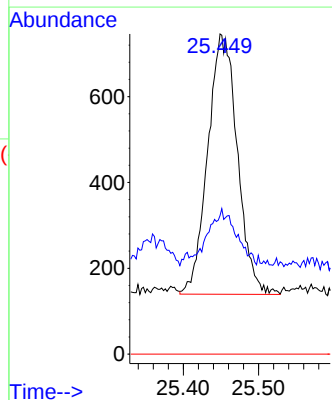
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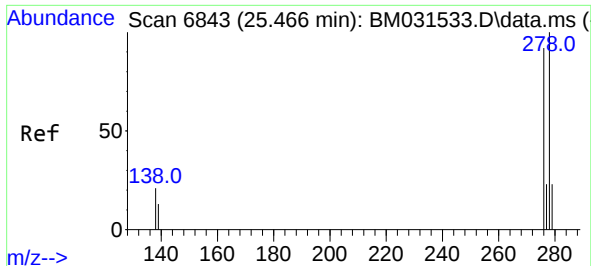


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.068 ng/ul
RT: 25.449 min Scan# 6836
Delta R.T. -0.014 min
Lab File: BM031541.D
Acq: 07 Aug 2021 07:25



Tgt Ion:276 Resp: 1659
Ion Ratio Lower Upper
276 100
138 19.7 15.8 23.8
227 0.0 0.0 0.0





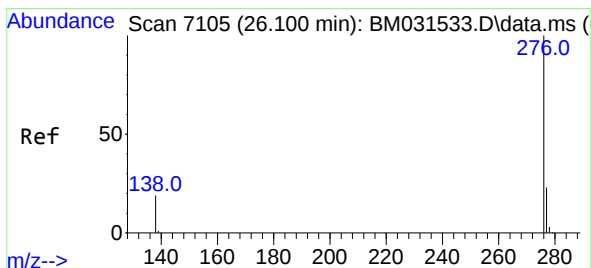
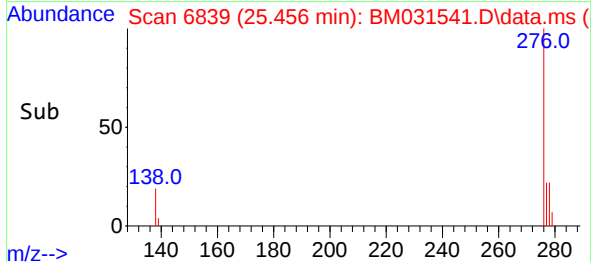
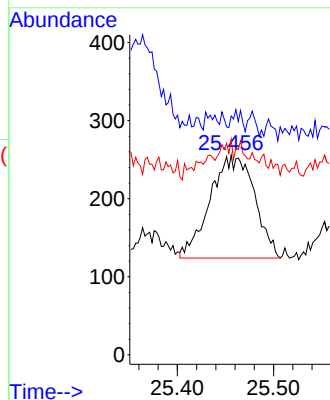
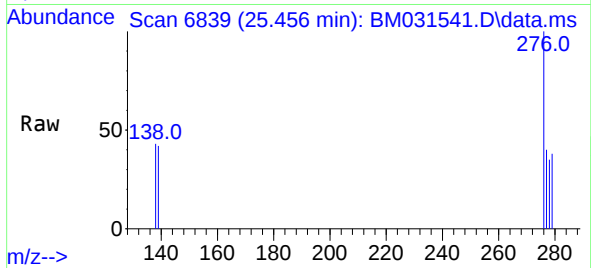
#28
Dibenzo(a,h)anthracene
Concen: 0.021 ng/ul
RT: 25.456 min Scan# 6839
Delta R.T. -0.019 min
Lab File: BM031541.D
Acq: 07 Aug 2021 07:25

Tgt Ion:	278	Resp:	421
Ion Ratio	Lower	Upper	
278	100		
139	119.5	13.3	19.9#
279	107.8	22.8	34.2#

Instrument :
BNA_M
ClientSampled :
C00B7

Manual Integrations
APPROVED

mohammad
8/9/2021 12:13:18 PM



#29
Benzo(g,h,i)perylene
Concen: 0.054 ng/ul
RT: 26.103 min Scan# 7106
Delta R.T. -0.012 min
Lab File: BM031541.D
Acq: 07 Aug 2021 07:25

Tgt Ion:	276	Resp:	1131
Ion Ratio	Lower	Upper	
276	100		
138	54.9	15.4	23.2#
277	44.7	19.9	29.9#

