

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
 Data File : BM025446.D
 Acq On : 10 Mar 2020 11:07
 Operator : CG/JU
 Sample : L1612-18DL 2X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBDM0DL

Manual Integrations
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Quant Time: Mar 10 12:16:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 09 13:32:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	4634	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	20272	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	14467	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	31174	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	20984	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	19813	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	1634	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	3660	0.04	ng/ul	0.00
Target Compounds				Ovalue		
5) 2-Methylnaphthalene	12.10	142	870	0.020	ng/ul	100
9) Fluorene	15.34	166	2176	0.034	ng/ul	97
12) Phenanthrene	17.07	178	6798	0.069	ng/ul	98
13) Anthracene	17.16	178	35844	0.417	ng/ul	99
15) Fluoranthene	19.09	202	6088	0.057	ng/ul	94
17) Pyrene	19.45	202	12601	0.134	ng/ul	97
18) Benzo(a)anthracene	21.21	228	24603	0.328	ng/ul	98
19) Chrysene	21.26	228	19221	0.228	ng/ul	98
21) Benzo(b)fluoranthene	22.76	252	74144m	0.945	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	30776m	0.374	ng/ul	
23) Benzo(a)pyrene	23.31	252	21278	0.327	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.57	276	17845	0.202	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.58	278	5427	0.073	ng/ul#	87
26) Benzo(g,h,i)perylene	26.24	276	9242	0.121	ng/ul#	97

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

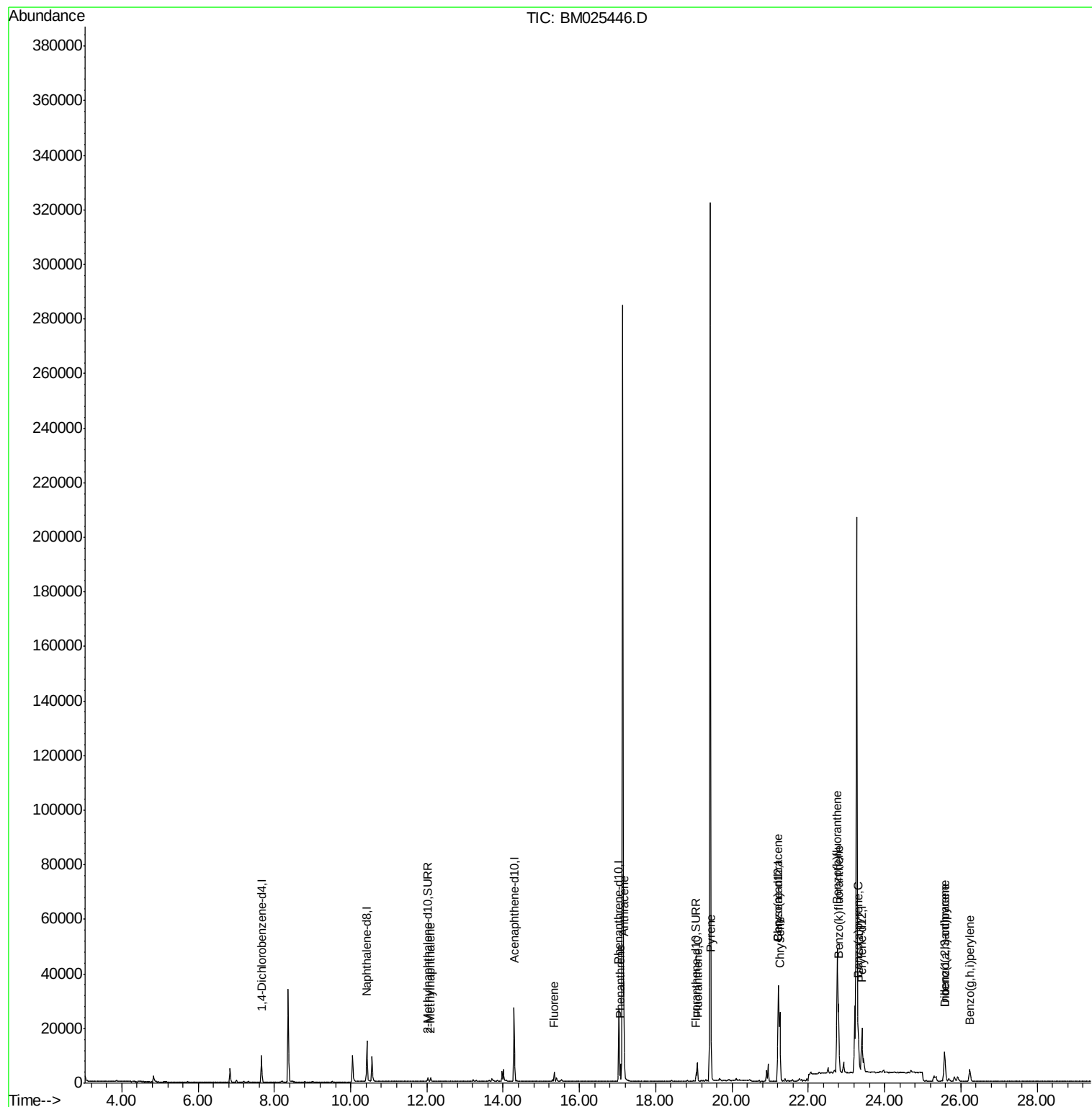
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
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Misc :
ALS Vial : 40 Sample Multiplier: 1

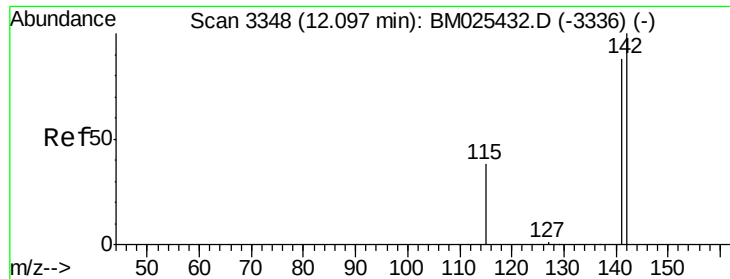
Instrument :
BNA_M
ClientSampleId :
DBDM0DL

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Quant Time: Mar 10 12:16:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 09 13:32:56 2020
Response via : Initial Calibration





#5

2-Methylnaphthalene

Concen: 0.020 ng/ul

RT: 12.10 min Scan# 3348

Delta R.T. -0.00 min

Lab File: BM025446.D

Acq: 10 Mar 2020 11:07

Instrument :

BNA_M

ClientSampleId :

DBDM0DL

Tot Ion:142 Resp: 870

Ion Ratio Lower Upper

142 100

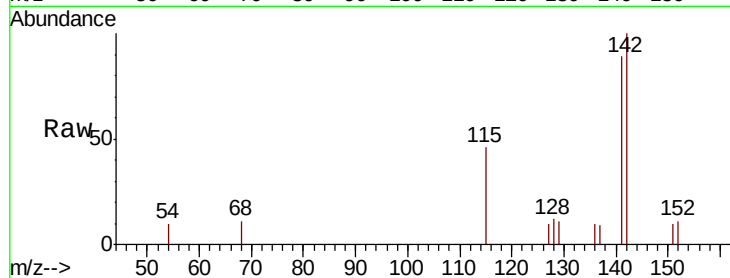
141 87.5 69.8 104.6

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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.10

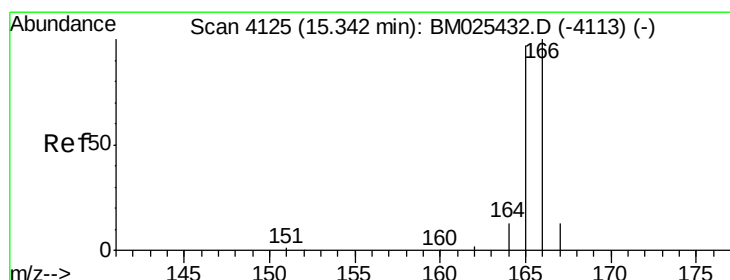
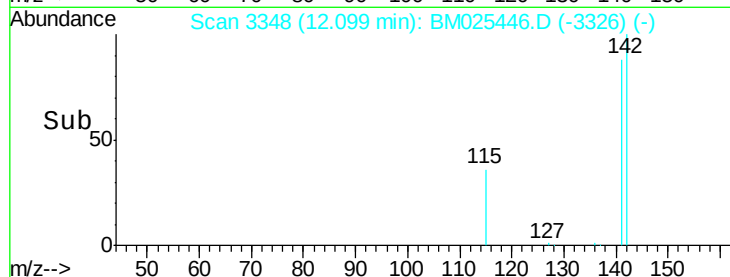
600

400

200

0

Time-->



#9

Fluorene

Concen: 0.034 ng/ul

RT: 15.34 min Scan# 4124

Delta R.T. -0.00 min

Lab File: BM025446.D

Acq: 10 Mar 2020 11:07

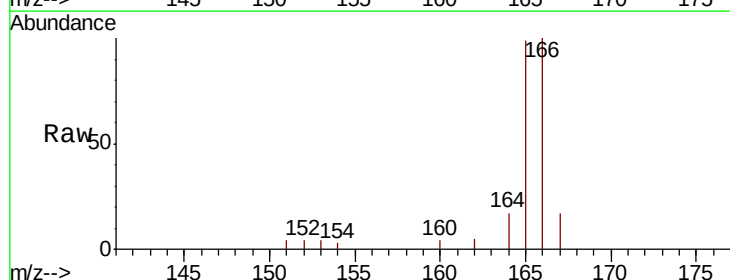
Tgt Ion:166 Resp: 2176

Ion Ratio Lower Upper

166 100

165 98.8 76.8 115.2

167 16.7 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.34

2000

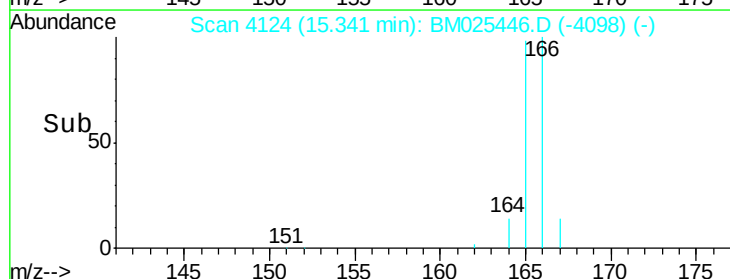
1500

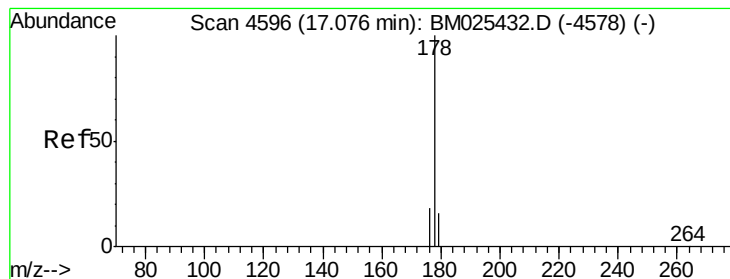
1000

500

0

Time-->





#12

Phenanthrene

Concen: 0.069 ng/ul

RT: 17.07 min Scan# 4595

Delta R.T. -0.00 min

Lab File: BM025446.D

Acq: 10 Mar 2020 11:07

Instrument :

BNA_M

ClientSampleId :

DBDM0DL

Tot Ion:178 Resp: 6798

Ion Ratio Lower Upper

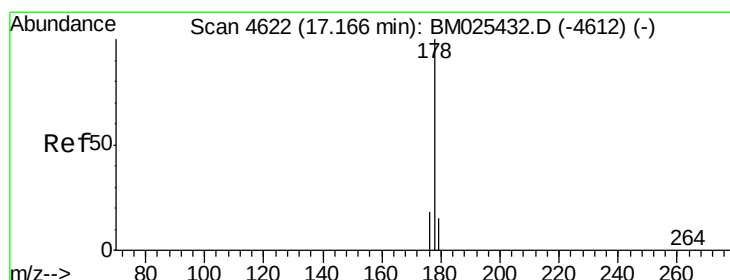
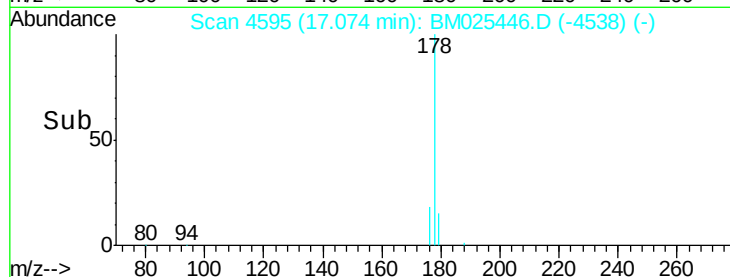
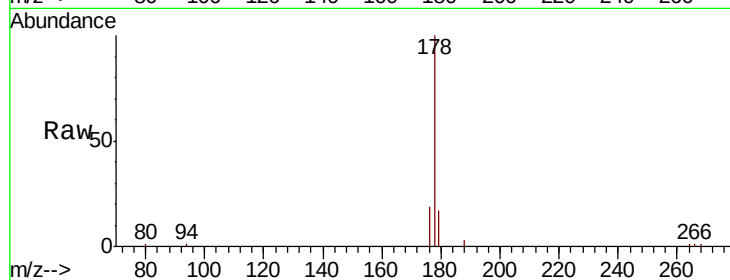
178 100

179 16.7 12.4 18.6

176 19.1 14.8 22.2

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#13

Anthracene

Concen: 0.417 ng/ul

RT: 17.16 min Scan# 4621

Delta R.T. -0.00 min

Lab File: BM025446.D

Acq: 10 Mar 2020 11:07

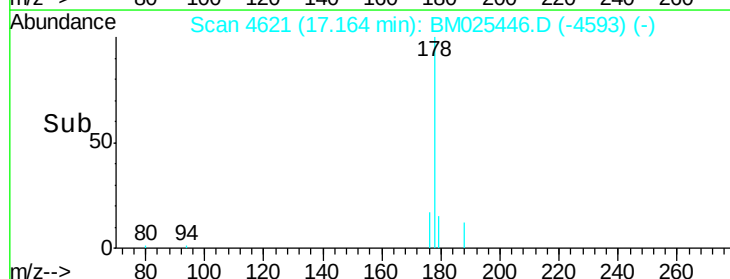
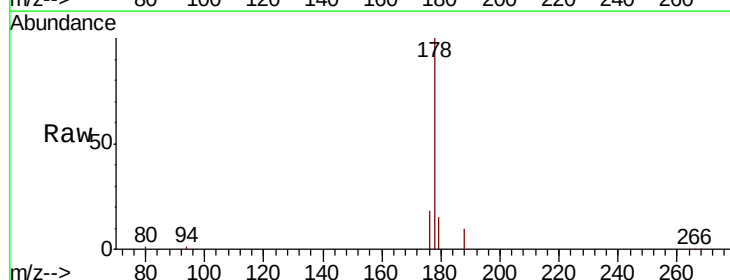
Tgt Ion:178 Resp: 35844

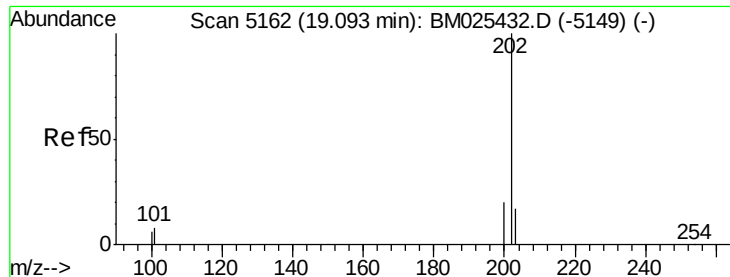
Ion Ratio Lower Upper

178 100

179 15.5 12.6 18.8

176 17.6 14.5 21.7





#15

Fluoranthene

Concen: 0.057 ng/ul

RT: 19.09 min Scan# 5161

Delta R.T. -0.00 min

Lab File: BM025446.D

Acq: 10 Mar 2020 11:07

Instrument :

BNA_M

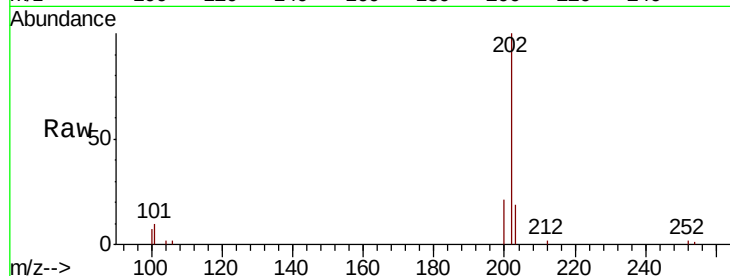
ClientSampleId :

DBDM0DL

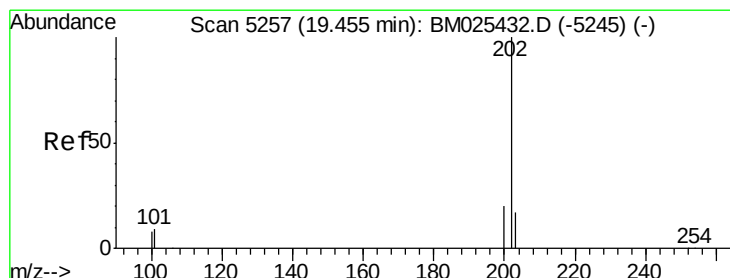
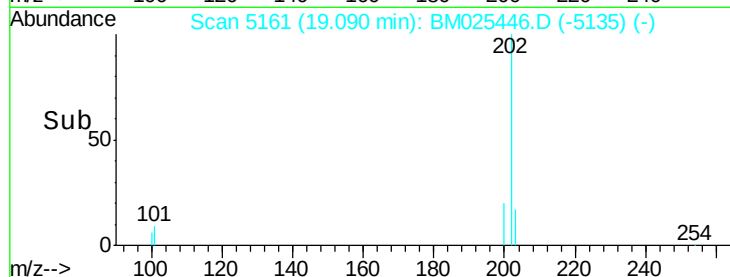
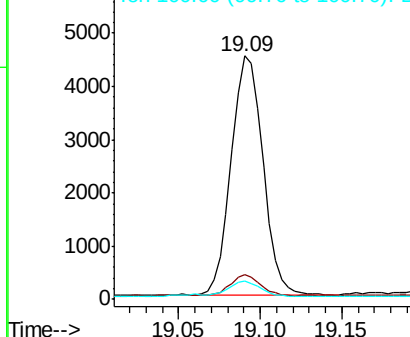
Tot Ion:	202	Resp:	6088
Ion Ratio	Lower	Upper	
202	100		
101	10.1	0.0	27.5
100	7.4	0.0	26.0

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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



#17

Pyrene

Concen: 0.134 ng/ul

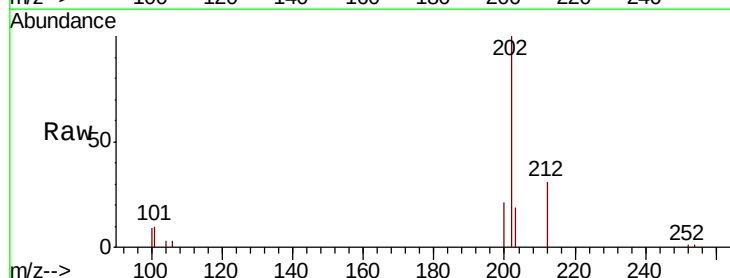
RT: 19.45 min Scan# 5256

Delta R.T. -0.00 min

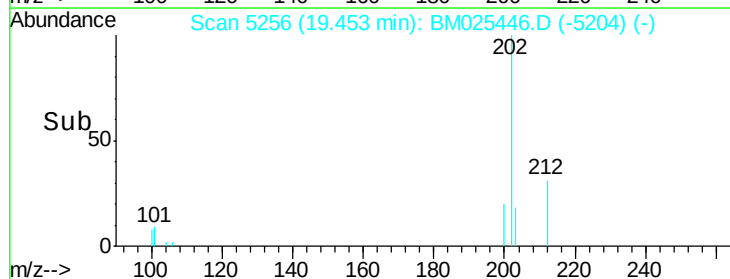
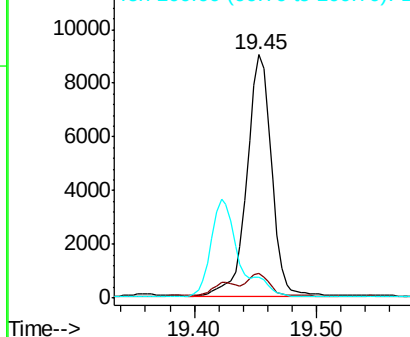
Lab File: BM025446.D

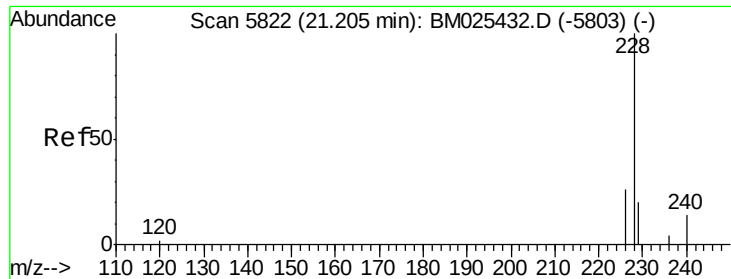
Acq: 10 Mar 2020 11:07

Tgt Ion:	202	Resp:	12601
Ion Ratio	Lower	Upper	
202	100		
101	10.1	7.1	10.7
100	8.5	6.0	9.0



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





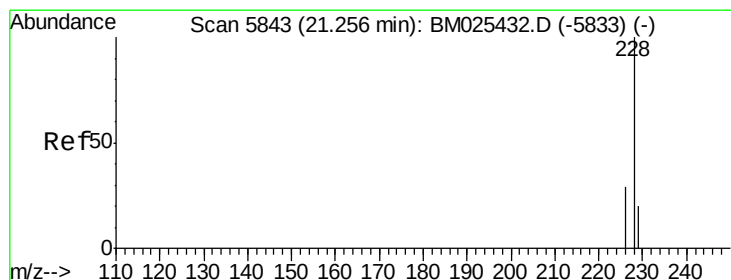
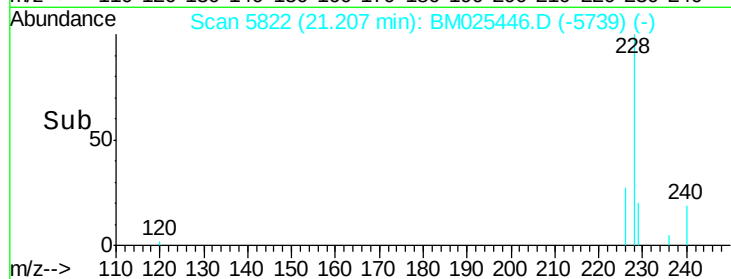
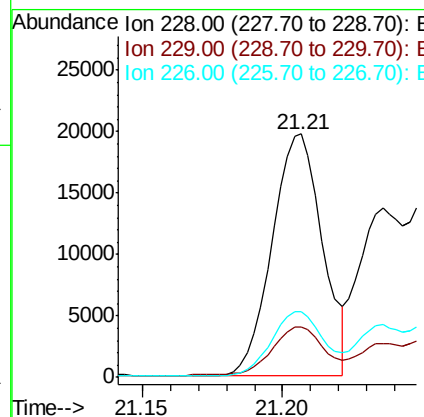
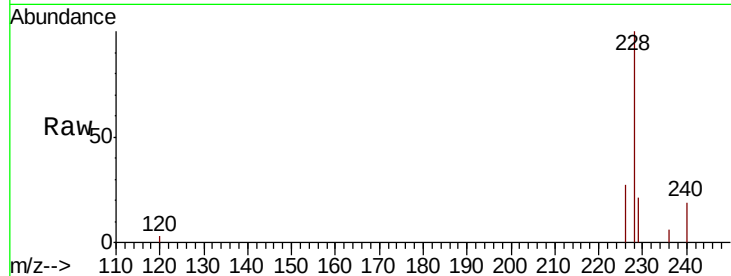
#18
Benzo(a)anthracene
Concen: 0.328 ng/ul
RT: 21.21 min Scan# 5822
Delta R.T. 0.00 min
Lab File: BM025446.D
Acq: 10 Mar 2020 11:07

Instrument :
BNA_M
ClientSampled :
DBDM0DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.6	23.4
226	27.2	21.1	31.7

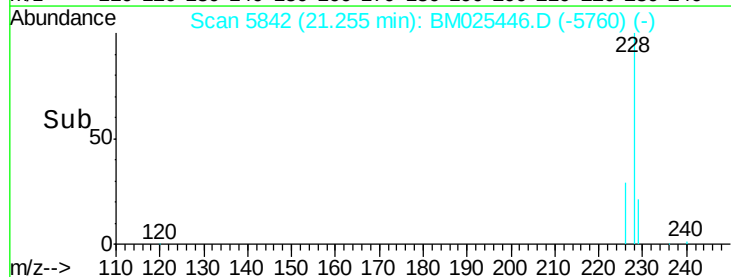
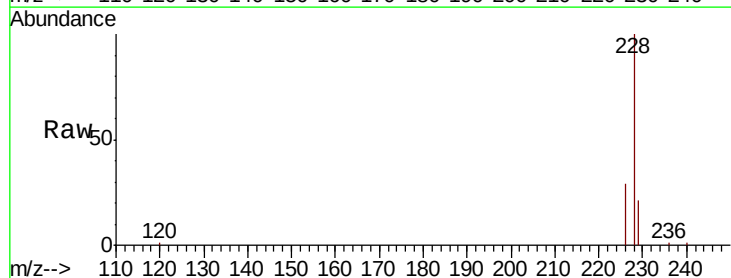
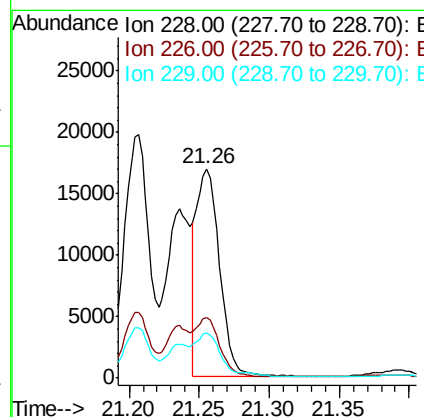
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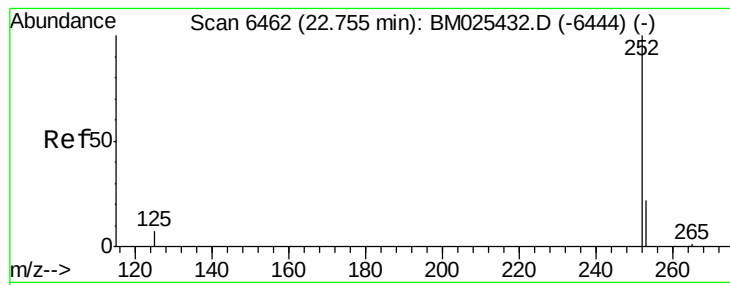
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#19
Chrysene
Concen: 0.228 ng/ul
RT: 21.26 min Scan# 5842
Delta R.T. -0.00 min
Lab File: BM025446.D
Acq: 10 Mar 2020 11:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.6	35.4
229	21.4	16.3	24.5





#21

Benzo(b)fluoranthene

Concen: 0.945 ng/ul m

RT: 22.76 min Scan# 6462

Delta R.T. 0.00 min

Lab File: BM025446.D

Acq: 10 Mar 2020 11:07

Instrument :

BNA_M

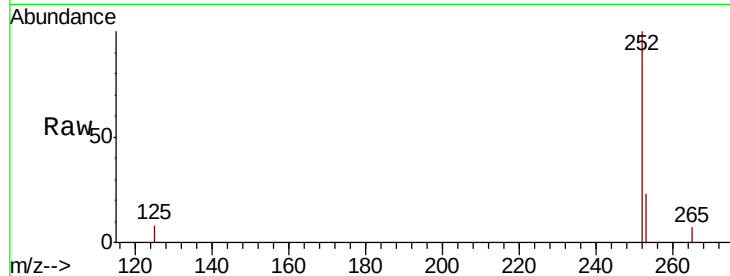
ClientSampleId :

DBDM0DL

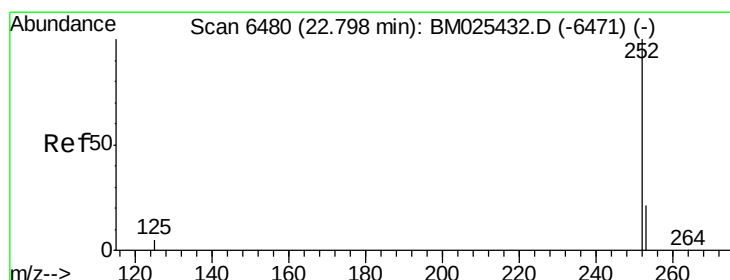
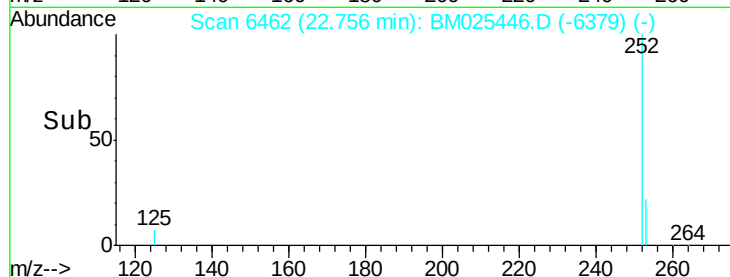
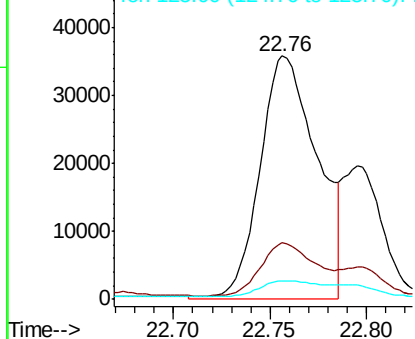
Tot Ion:	252	Resp:	74144
Ion Ratio	Lower	Upper	
252	100		
253	23.1	0.0	50.2
125	7.7	0.0	17.6

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#22

Benzo(k)fluoranthene

Concen: 0.374 ng/ul m

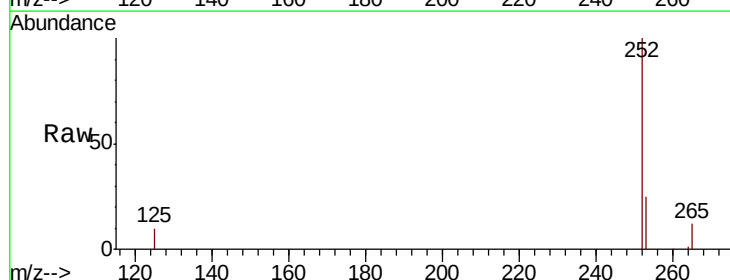
RT: 22.80 min Scan# 6478

Delta R.T. -0.00 min

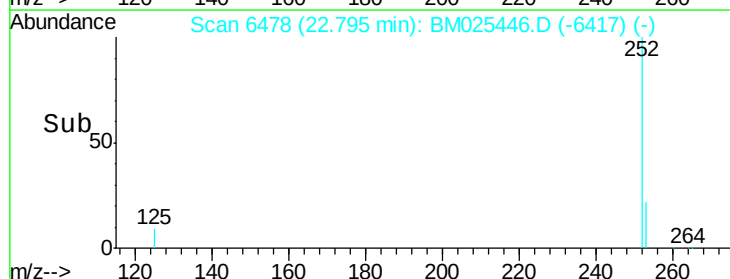
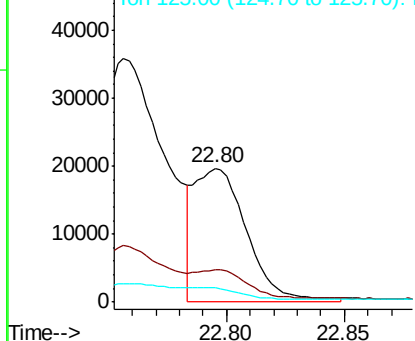
Lab File: BM025446.D

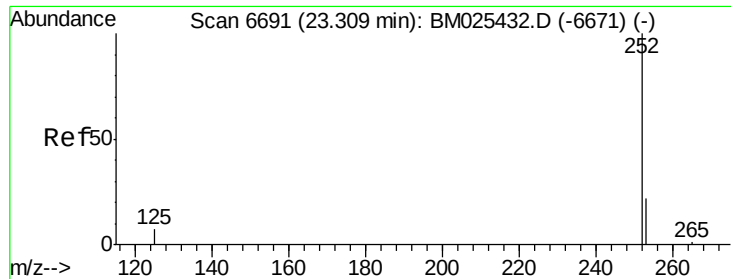
Acq: 10 Mar 2020 11:07

Tgt Ion:	252	Resp:	30776
Ion Ratio	Lower	Upper	
252	100		
253	24.7	19.8	29.8
125	10.4	7.1	10.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





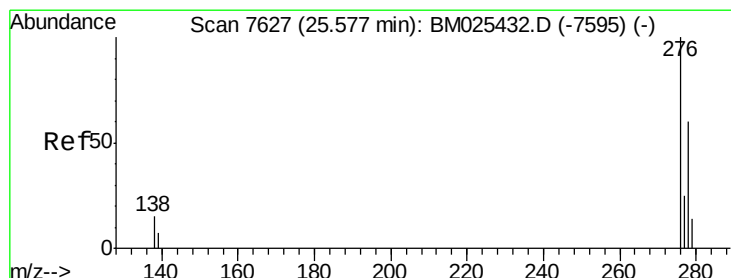
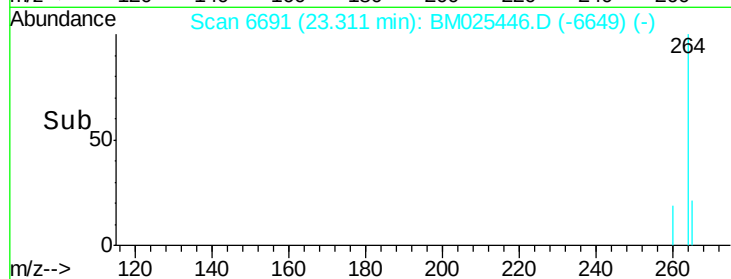
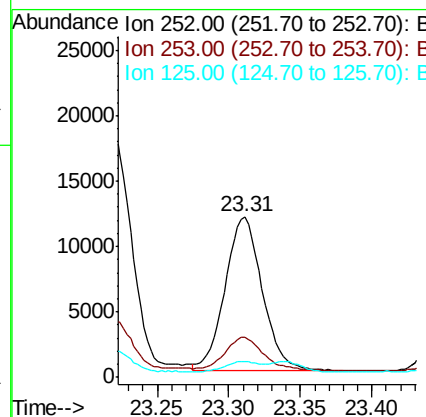
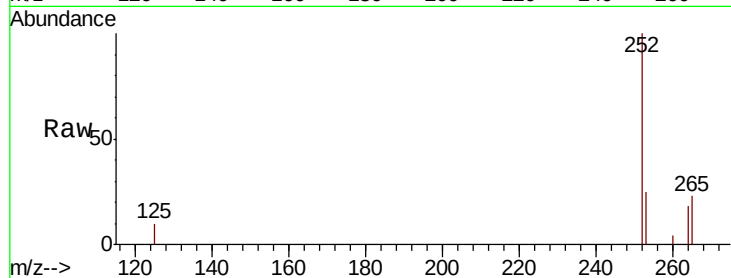
#23
Benzo(a)pyrene
Concen: 0.327 ng/ul
RT: 23.31 min Scan# 6691
Delta R.T. 0.00 min
Lab File: BM025446.D
Acq: 10 Mar 2020 11:07

Instrument :
BNA_M
ClientSampleID :
DBDM0DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.2	21.3	31.9
125	9.9	8.5	12.7

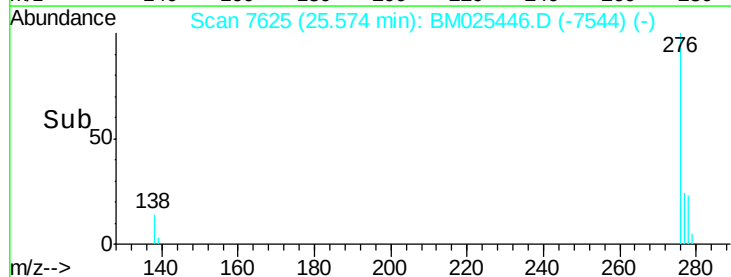
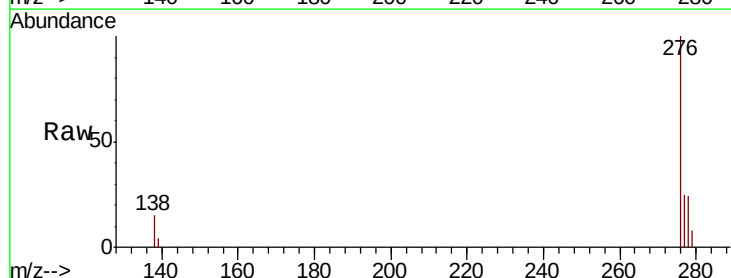
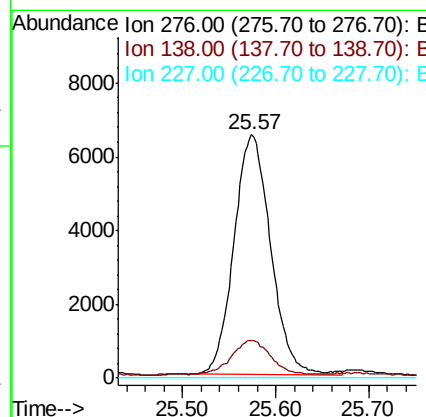
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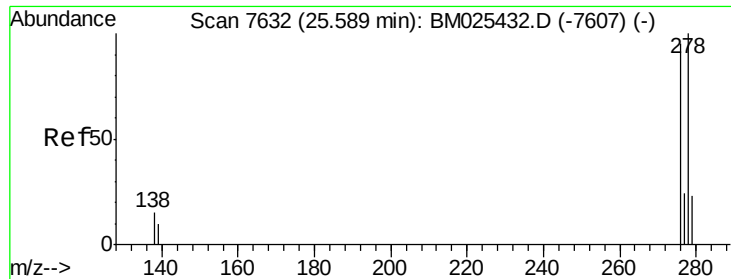
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.202 ng/ul
RT: 25.57 min Scan# 7625
Delta R.T. -0.00 min
Lab File: BM025446.D
Acq: 10 Mar 2020 11:07

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.0	12.3	18.5
227	0.0	0.0	0.0





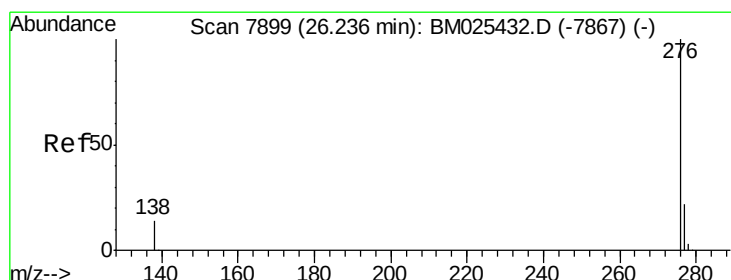
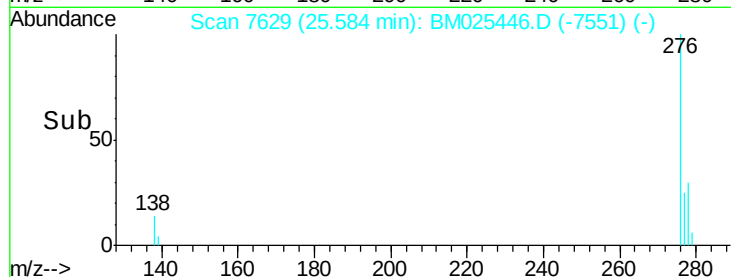
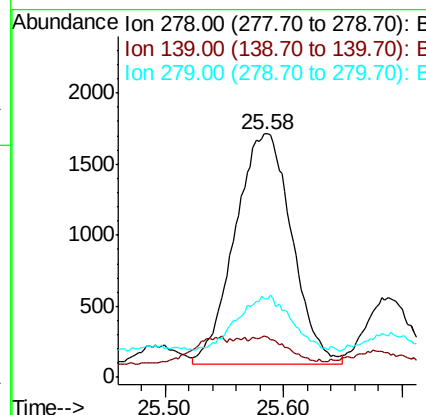
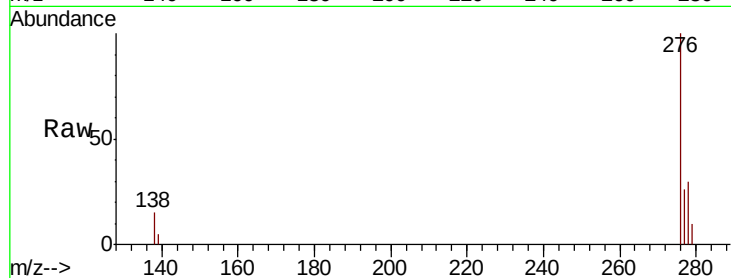
#25
Dibenzo(a,h)anthracene
Concen: 0.073 ng/ul
RT: 25.58 min Scan# 7629
Delta R.T. -0.01 min
Lab File: BM025446.D
Acq: 10 Mar 2020 11:07

Instrument :
BNA_M
ClientSampleId :
DBDM0DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.2	9.0	13.6#
279	32.2	21.1	31.7#

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#26
Benzo(g,h,i)perylene
Concen: 0.121 ng/ul
RT: 26.24 min Scan# 7898
Delta R.T. -0.00 min
Lab File: BM025446.D
Acq: 10 Mar 2020 11:07

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.8	11.0	16.4#
277	25.0	19.8	29.6

