

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022221\
 Data File : BM028862.D
 Acq On : 22 Feb 2021 12:40
 Operator : CG/JU
 Sample : M1415-11DL 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBH25DL

Manual Integrations
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Quant Time: Feb 22 13:24:14 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM020521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 22 11:00:59 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	401	0.40	ng/ul	0.00
2) Naphthalene-d8	10.64	136	1723	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	982	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.23	188	1865	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	1652	0.40	ng/ul	0.00
20) Perylene-d12	23.62	264	1227	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.23	152	256	0.10	ng/ul	0.00
14) Fluoranthene-d10	19.25	212	459	0.10	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.21	152	323	0.081	ng/ul#	69
12) Phenanthrene	17.27	178	628	0.120	ng/ul#	88
13) Anthracene	17.36	178	473	0.095	ng/ul#	79
15) Fluoranthene	19.28	202	1658	0.279	ng/ul	98
17) Pyrene	19.65	202	2162	0.360	ng/ul	99
18) Benzo(a)anthracene	21.38	228	1946	0.345	ng/ul#	90
19) Chrysene	21.43	228	2346	0.419	ng/ul#	91
21) Benzo(b)fluoranthene	22.95	252	3484m	0.830	ng/ul	
22) Benzo(k)fluoranthene	22.99	252	1305m	0.311	ng/ul	
23) Benzo(a)pyrene	23.52	252	1901	0.508	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.86	276	1171	0.240	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.86	278	357	0.087	ng/ul#	13
26) Benzo(g,h,i)perylene	26.55	276	614	0.151	ng/ul#	66

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

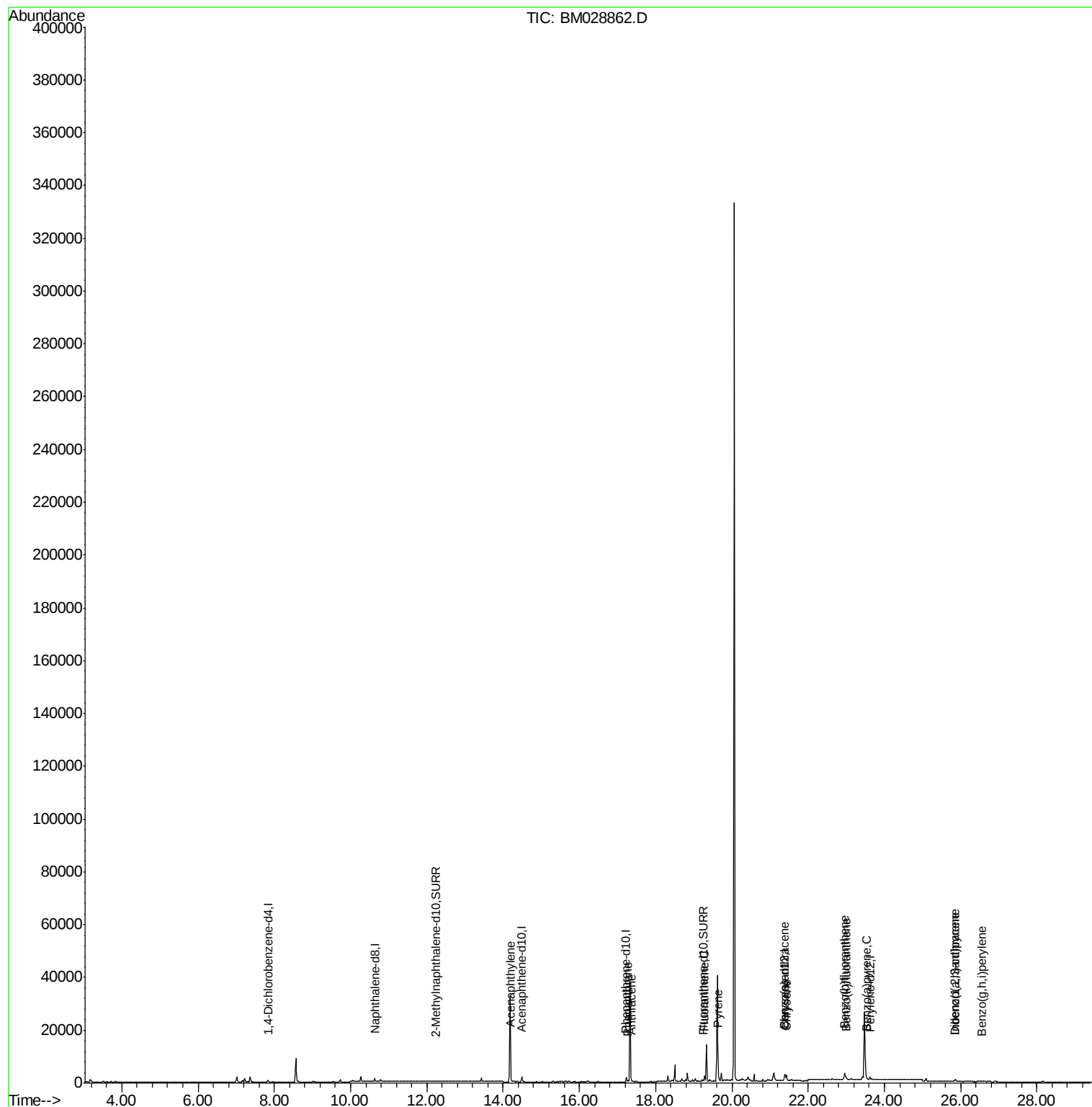
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022221\
Data File : BM028862.D
Acq On : 22 Feb 2021 12:40
Operator : CG/JU
Sample : M1415-11DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

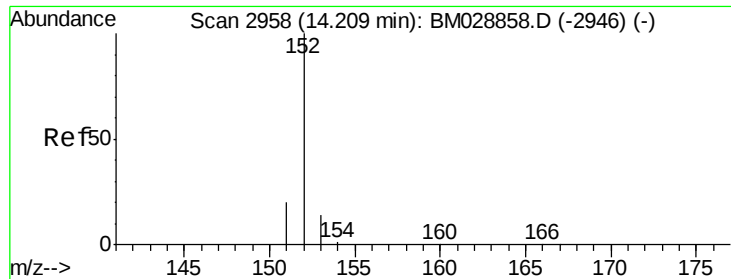
Instrument :
BNA_M
ClientSampleId :
DBH25DL

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Quant Time: Feb 22 13:24:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 22 11:00:59 2021
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.081 ng/ul

RT: 14.21 min Scan# 2958

Delta R.T. -0.00 min

Lab File: BM028862.D

Acq: 22 Feb 2021 12:40

Instrument :

BNA_M

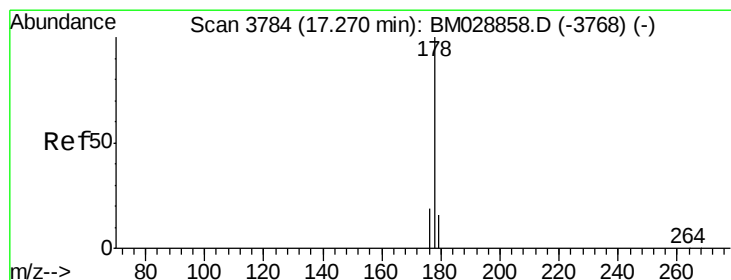
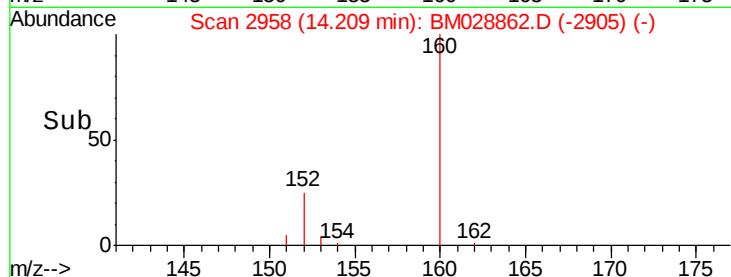
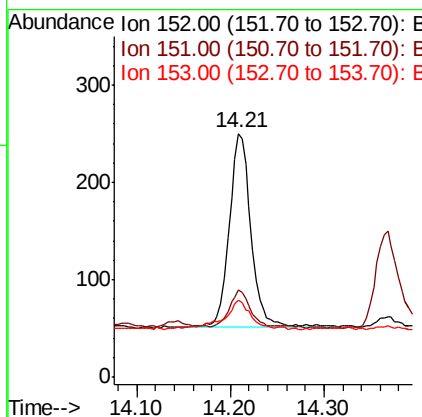
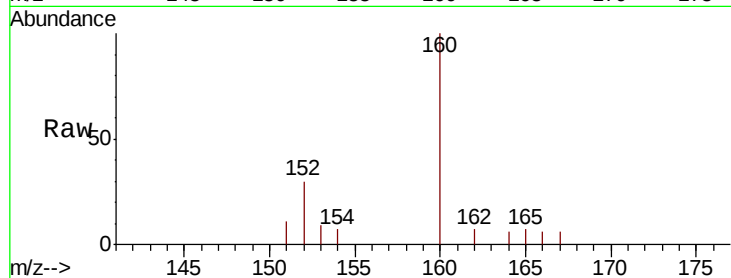
ClientSampleId :

DBH25DL

Tot Ion:	152	Resp:	323
Ion Ratio	Lower	Upper	
152	100		
151	36.0	18.0	27.0#
153	31.6	13.4	20.0#

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#12

Phenanthrene

Concen: 0.120 ng/ul

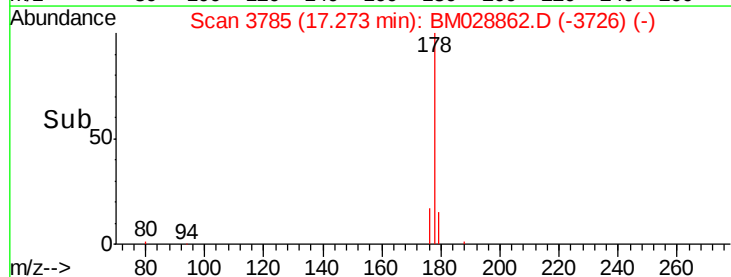
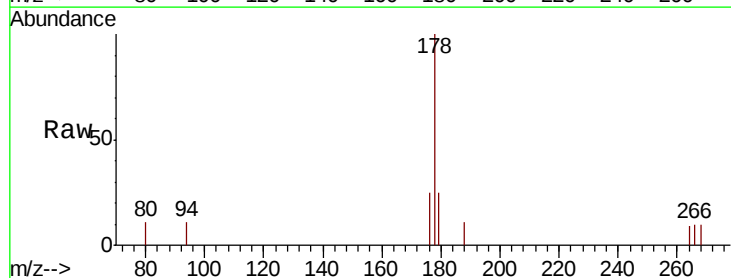
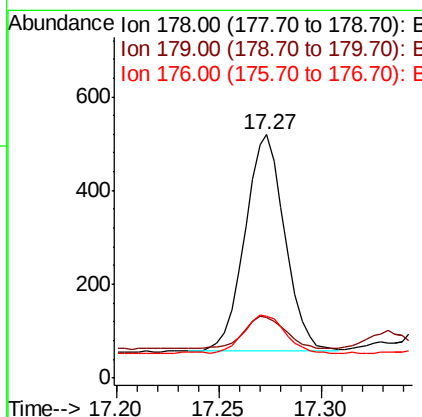
RT: 17.27 min Scan# 3785

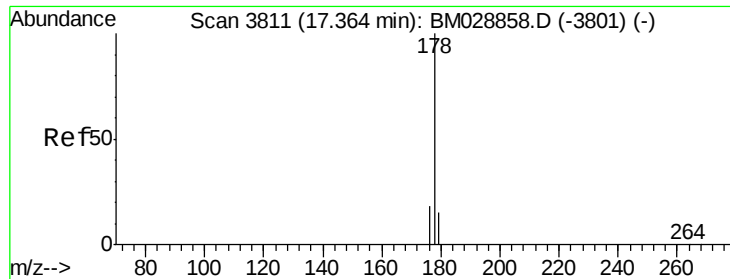
Delta R.T. 0.00 min

Lab File: BM028862.D

Acq: 22 Feb 2021 12:40

Tgt Ion:	178	Resp:	628
Ion Ratio	Lower	Upper	
178	100		
179	25.0	14.7	22.1#
176	25.2	16.7	25.1#





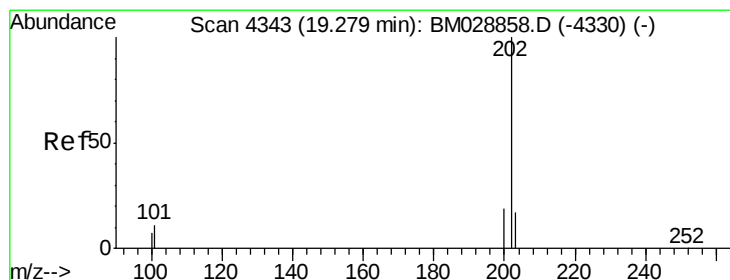
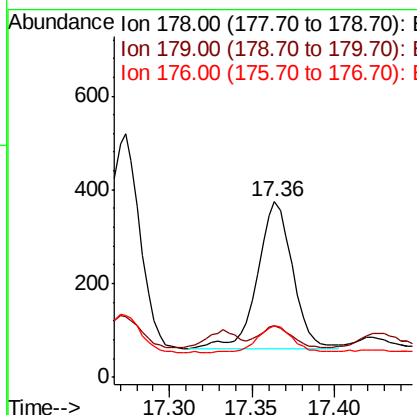
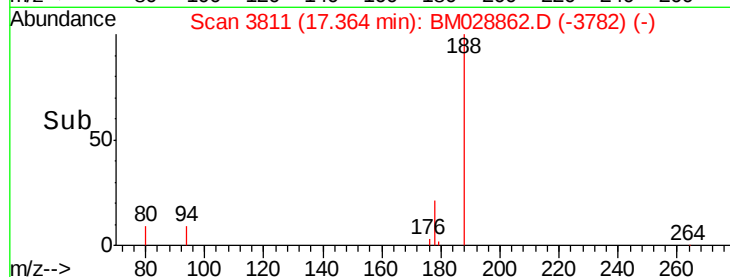
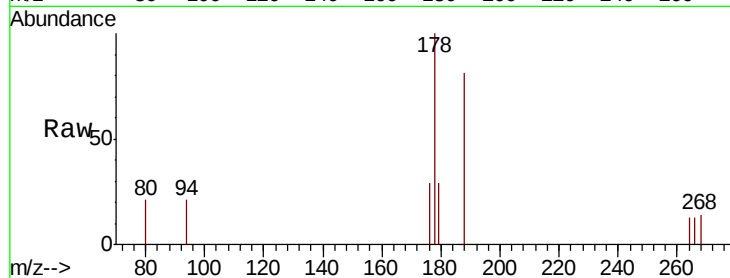
#13
 Anthracene
 Concen: 0.095 ng/ul
 RT: 17.36 min Scan# 3811
 Delta R.T. -0.00 min
 Lab File: BM028862.D
 Acq: 22 Feb 2021 12:40

Instrument :
 BNA_M
 ClientSampleId :
 DBH25DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	29.4	15.0	22.4#
176	29.1	16.6	24.8#

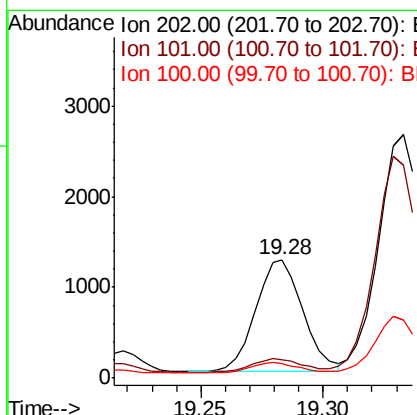
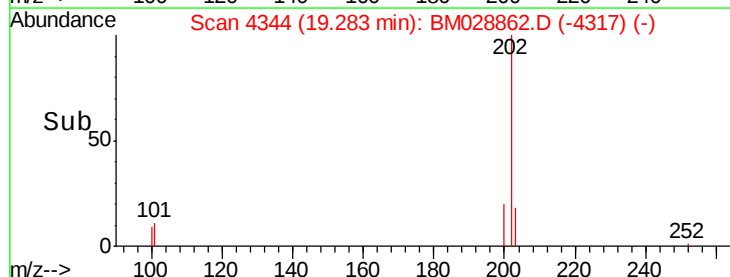
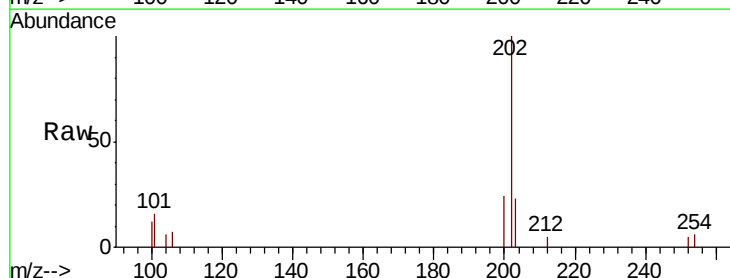
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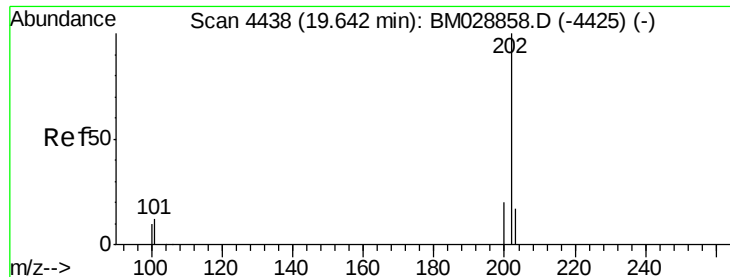
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#15
 Fluoranthene
 Concen: 0.279 ng/ul
 RT: 19.28 min Scan# 4344
 Delta R.T. 0.00 min
 Lab File: BM028862.D
 Acq: 22 Feb 2021 12:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.8	0.0	34.5
100	12.3	0.0	31.7





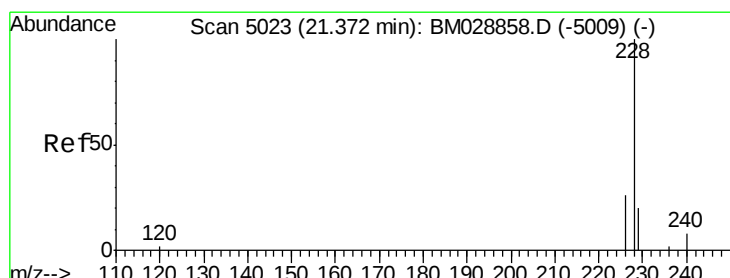
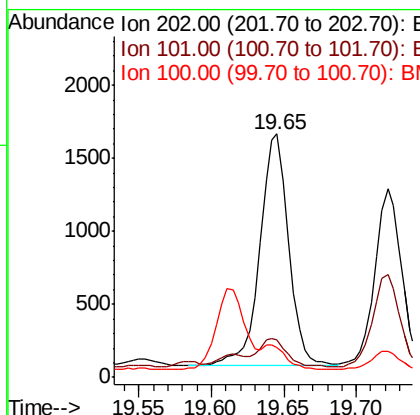
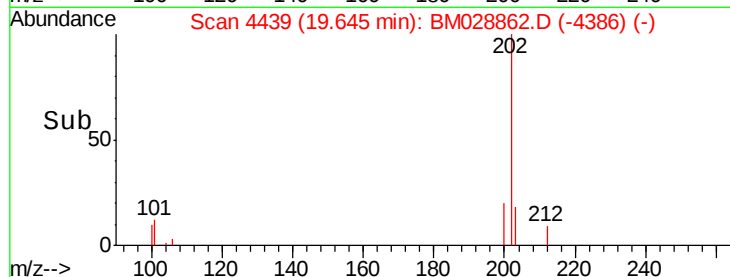
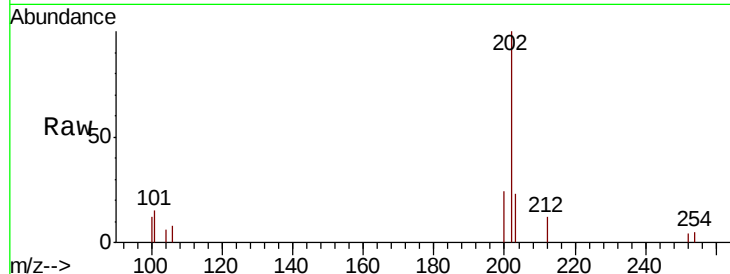
#17
Pvrene
Concen: 0.360 ng/ul
RT: 19.65 min Scan# 4439
Delta R.T. 0.00 min
Lab File: BM028862.D
Acq: 22 Feb 2021 12:40

Instrument :
BNA_M
ClientSampleId :
DBH25DL

Tot Ion:	202	Resp:	2162
Ion Ratio	Lower	Upper	
202	100		
101	15.3	12.7	19.1
100	12.5	10.2	15.4

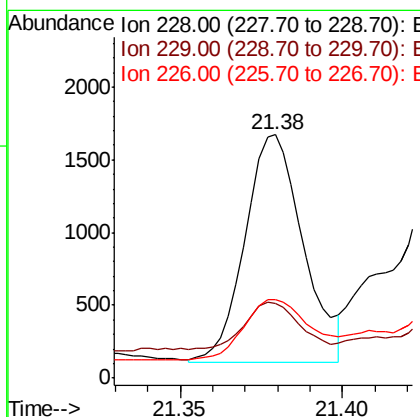
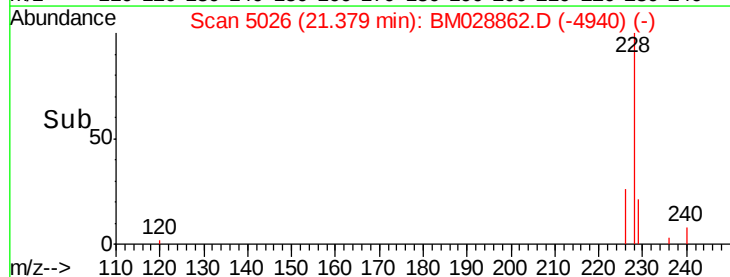
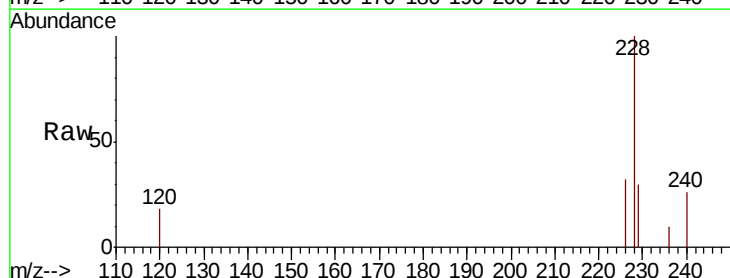
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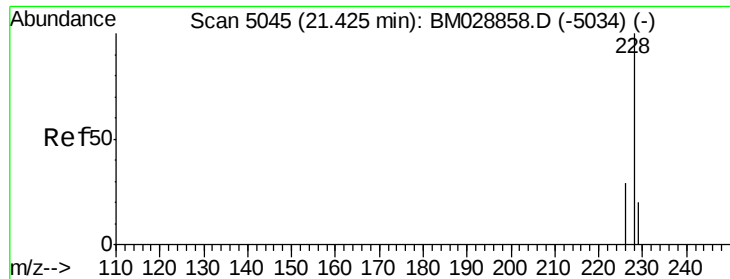
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#18
Benzo(a)anthracene
Concen: 0.345 ng/ul
RT: 21.38 min Scan# 5026
Delta R.T. 0.01 min
Lab File: BM028862.D
Acq: 22 Feb 2021 12:40

Tgt Ion:	228	Resp:	1946
Ion Ratio	Lower	Upper	
228	100		
229	30.4	18.9	28.3#
226	32.2	22.6	34.0





#19

Chrysene

Concen: 0.419 ng/ul

RT: 21.43 min Scan# 5047

Delta R.T. 0.00 min

Lab File: BM028862.D

Acq: 22 Feb 2021 12:40

Instrument :

BNA_M

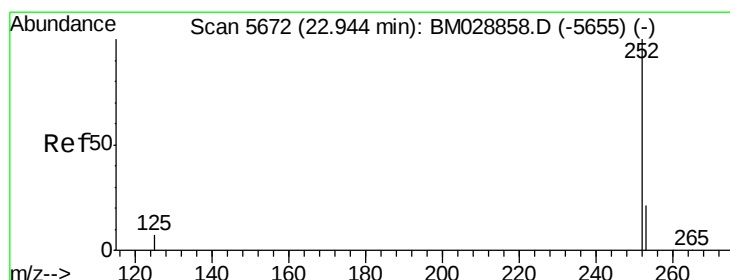
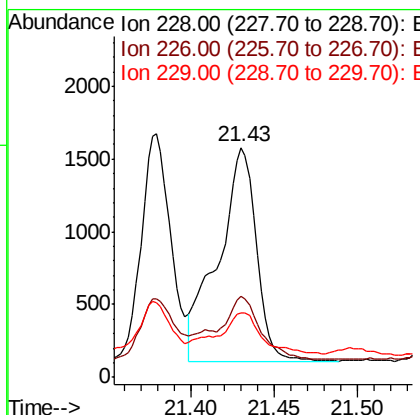
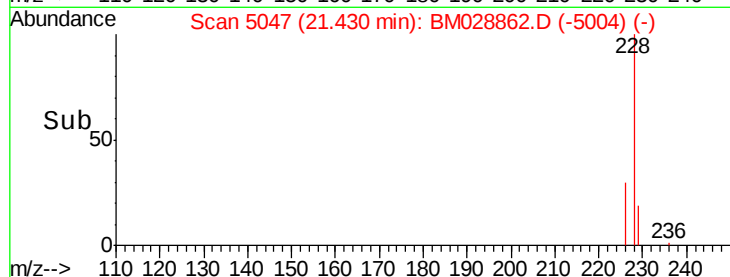
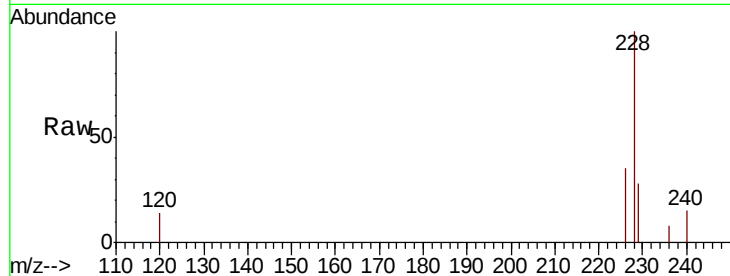
ClientSampleId :

DBH25DL

Tot Ion:	228	Resp:	2346
Ion Ratio	Lower	Upper	
228	100		
226	35.1	24.6	37.0
229	28.3	18.8	28.2#

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#21

Benzo(b)fluoranthene

Concen: 0.830 ng/ul m

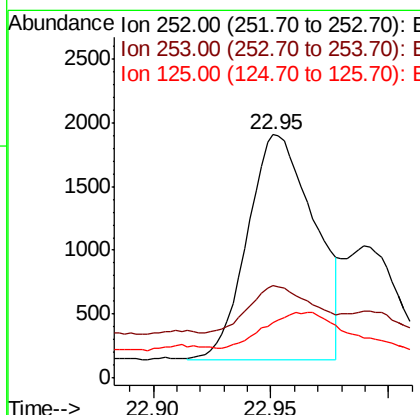
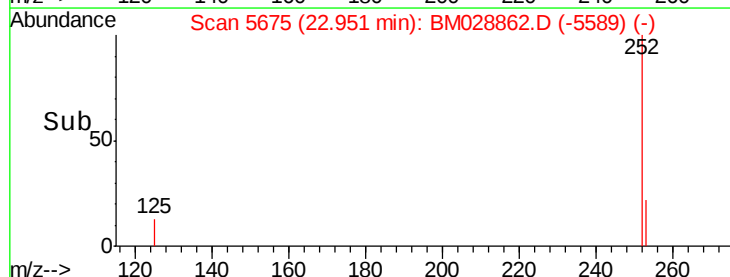
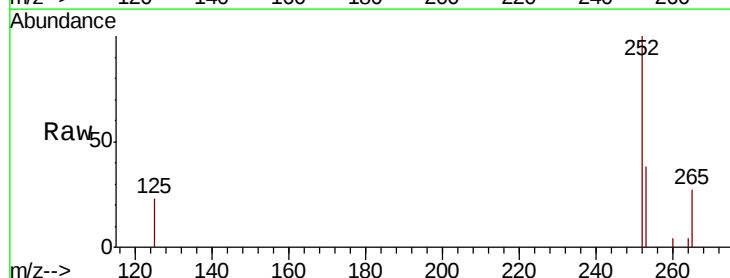
RT: 22.95 min Scan# 5675

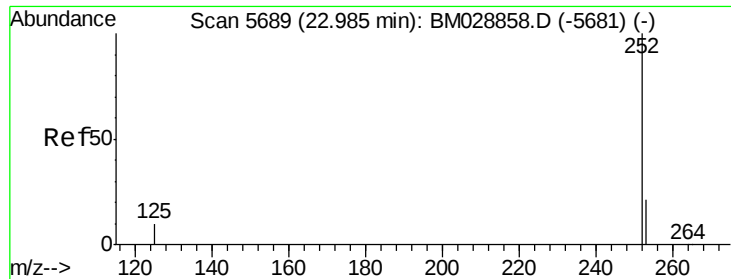
Delta R.T. 0.01 min

Lab File: BM028862.D

Acq: 22 Feb 2021 12:40

Tgt Ion:	252	Resp:	3484
Ion Ratio	Lower	Upper	
252	100		
253	37.8	0.0	67.0
125	23.0	0.0	57.4





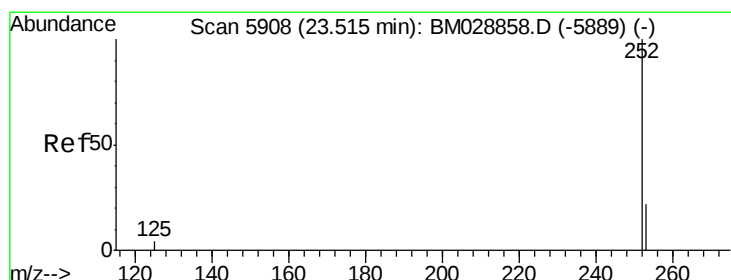
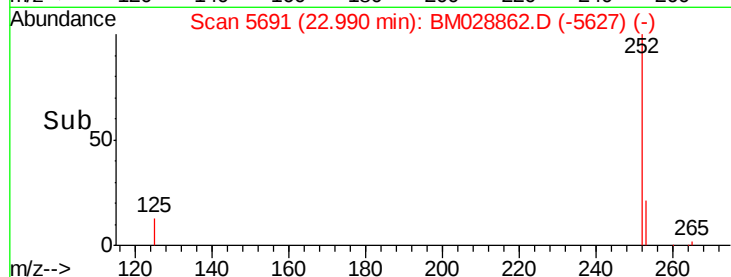
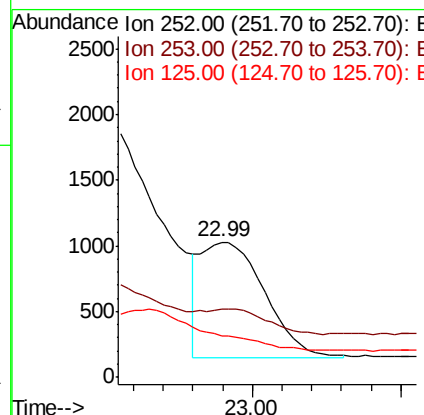
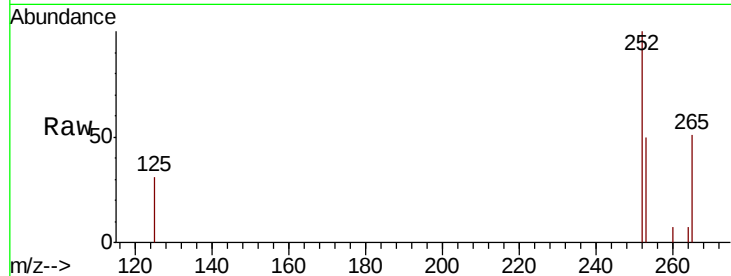
#22
Benzo(k)fluoranthene
Concen: 0.311 ng/ul m
RT: 22.99 min Scan# 5691
Delta R.T. 0.00 min
Lab File: BM028862.D
Acq: 22 Feb 2021 12:40

Instrument :
BNA_M
ClientSampleId :
DBH25DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	50.5	26.3	39.5#
125	30.9	22.9	34.3

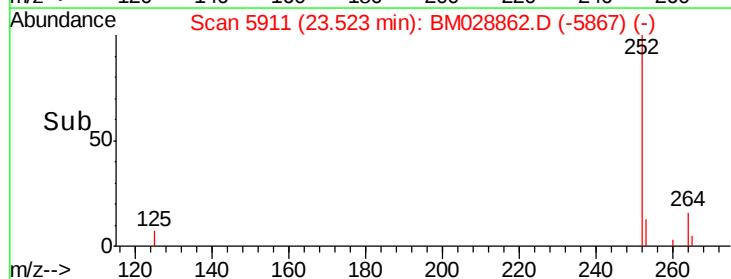
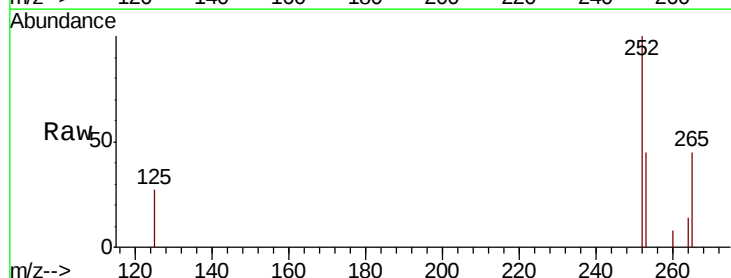
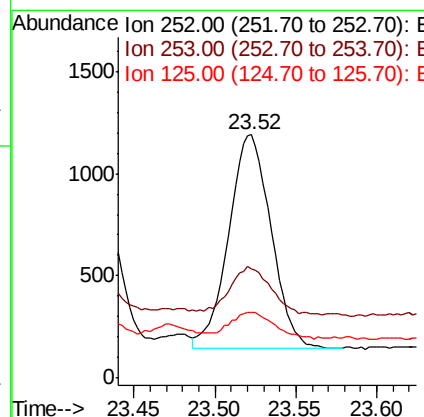
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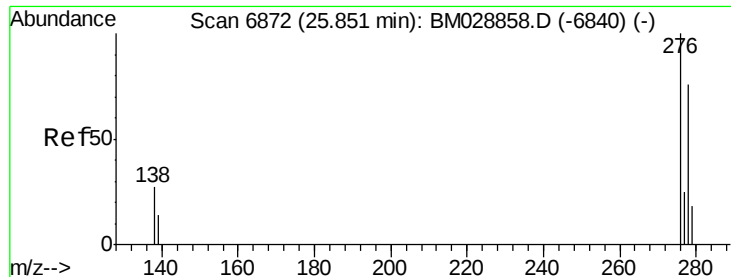
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#23
Benzo(a)pyrene
Concen: 0.508 ng/ul
RT: 23.52 min Scan# 5911
Delta R.T. 0.01 min
Lab File: BM028862.D
Acq: 22 Feb 2021 12:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	45.0	28.7	43.1#
125	27.0	27.9	41.9#





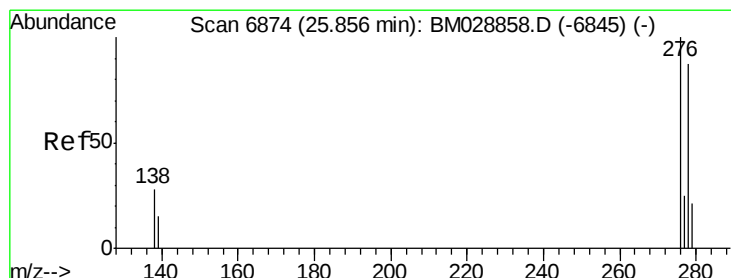
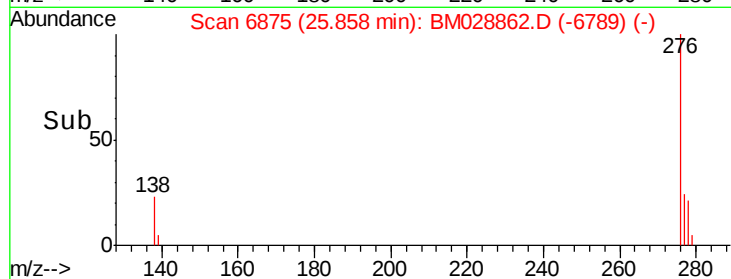
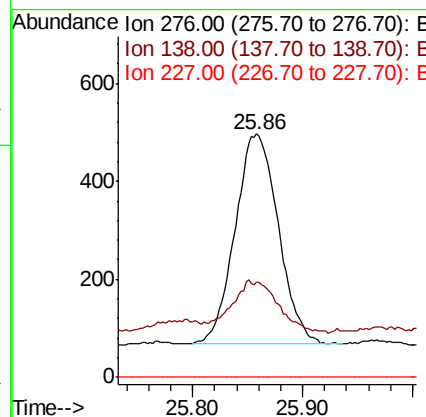
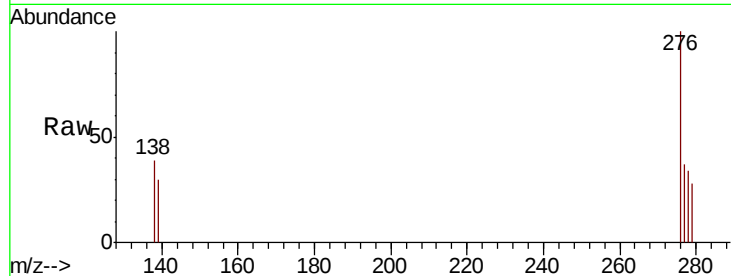
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.240 ng/uL
RT: 25.86 min Scan# 6875
Delta R.T. 0.01 min
Lab File: BM028862.D
Acq: 22 Feb 2021 12:40

Instrument :
BNA_M
ClientSampleId :
DBH25DL

Tot Ion	Ratio	Resp	Lower	Upper
276	100	1171		
138	27.1	0.0	0.0	0.0
227	0.0	0.0	0.0	0.0

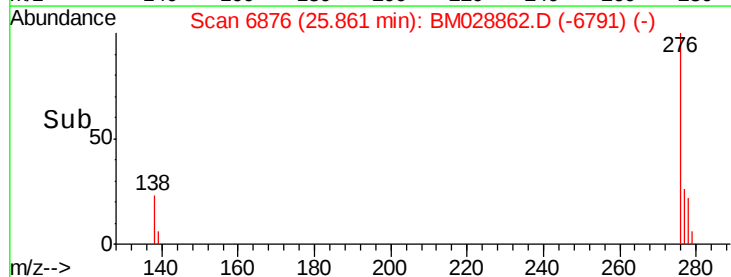
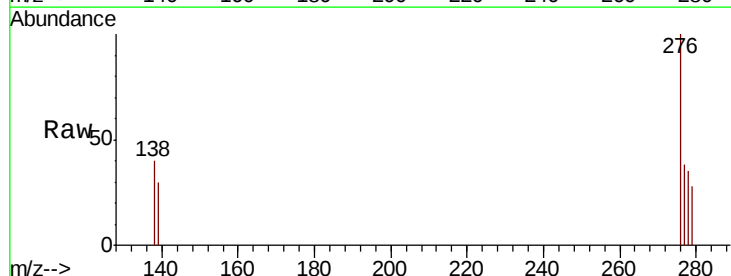
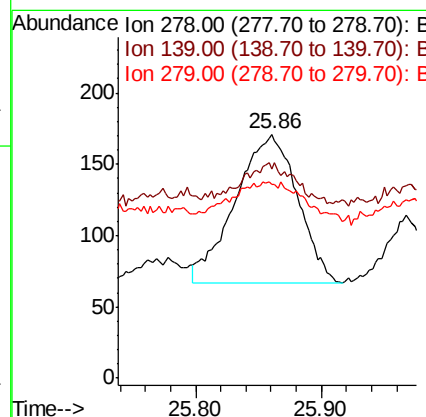
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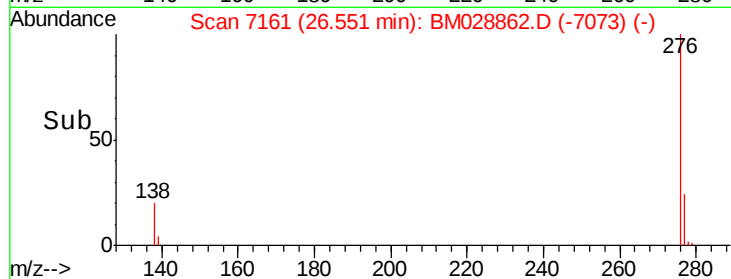
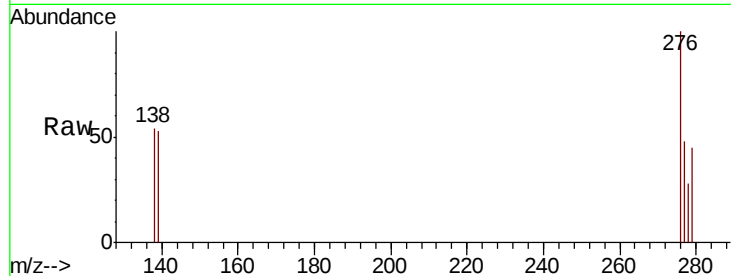
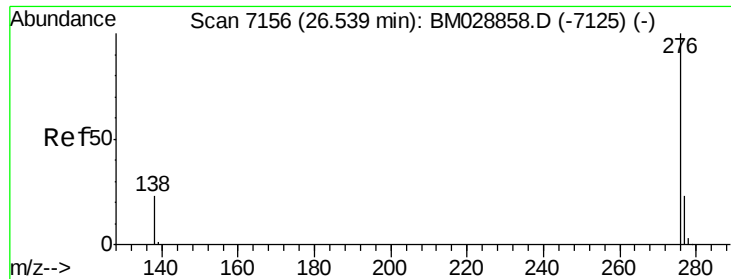
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#25
Dibenzo(a,h)anthracene
Concen: 0.087 ng/uL
RT: 25.86 min Scan# 6876
Delta R.T. 0.00 min
Lab File: BM028862.D
Acq: 22 Feb 2021 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	357		
139	86.0	24.9	37.3	
279	79.5	28.3	42.5	





#26

Benzo(a,h,i)perylene

Concen: 0.151 ng/ul

RT: 26.55 min Scan# 7161

Delta R.T. 0.01 min

Lab File: BM028862.D

Acq: 22 Feb 2021 12:40

Instrument :

BNA_M

ClientSampleId :

DBH25DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	53.8	25.4	38.2#
277	47.8	25.3	37.9#

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