

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031720\
 Data File : BM025616.D
 Acq On : 17 Mar 2020 18:32
 Operator : CG/JU
 Sample : L1516-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBD24

Manual Integrations
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mohammad
 3/18/2020 9:02:00 AM

Quant Time: Mar 17 19:06:09 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 : Tue Mar 17 17:05:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	2403	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	9526	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	6284	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	14402m	0.40	ng/ul	0.00
16) Chrysene-d12	21.16	240	15391	0.40	ng/ul	0.00
20) Perylene-d12	23.31	264	16293	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	3524	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	8684	0.22	ng/ul	0.00

Target Compounds				Ovalue		
7) Acenaphthylene	13.94	152	936	0.036	ng/ul#	76
12) Phenanthrene	17.01	178	1819	0.040	ng/ul#	89
13) Anthracene	17.10	178	1176	0.030	ng/ul#	84
15) Fluoranthene	19.03	202	5783	0.117	ng/ul	95
17) Pyrene	19.39	202	6866	0.099	ng/ul#	90
18) Benzo(a)anthracene	21.14	228	3918	0.071	ng/ul	94
19) Chrysene	21.20	228	9500	0.154	ng/ul	99
21) Benzo(b)fluoranthene	22.67	252	14310	0.222	ng/ul	95
22) Benzo(k)fluoranthene	22.72	252	6051	0.090	ng/ul#	75
23) Benzo(a)pyrene	23.22	252	6755	0.126	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.44	276	9240	0.127	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.45	278	2858	0.047	ng/ul#	68
26) Benzo(g,h,i)perylene	26.09	276	7441	0.118	ng/ul#	94

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

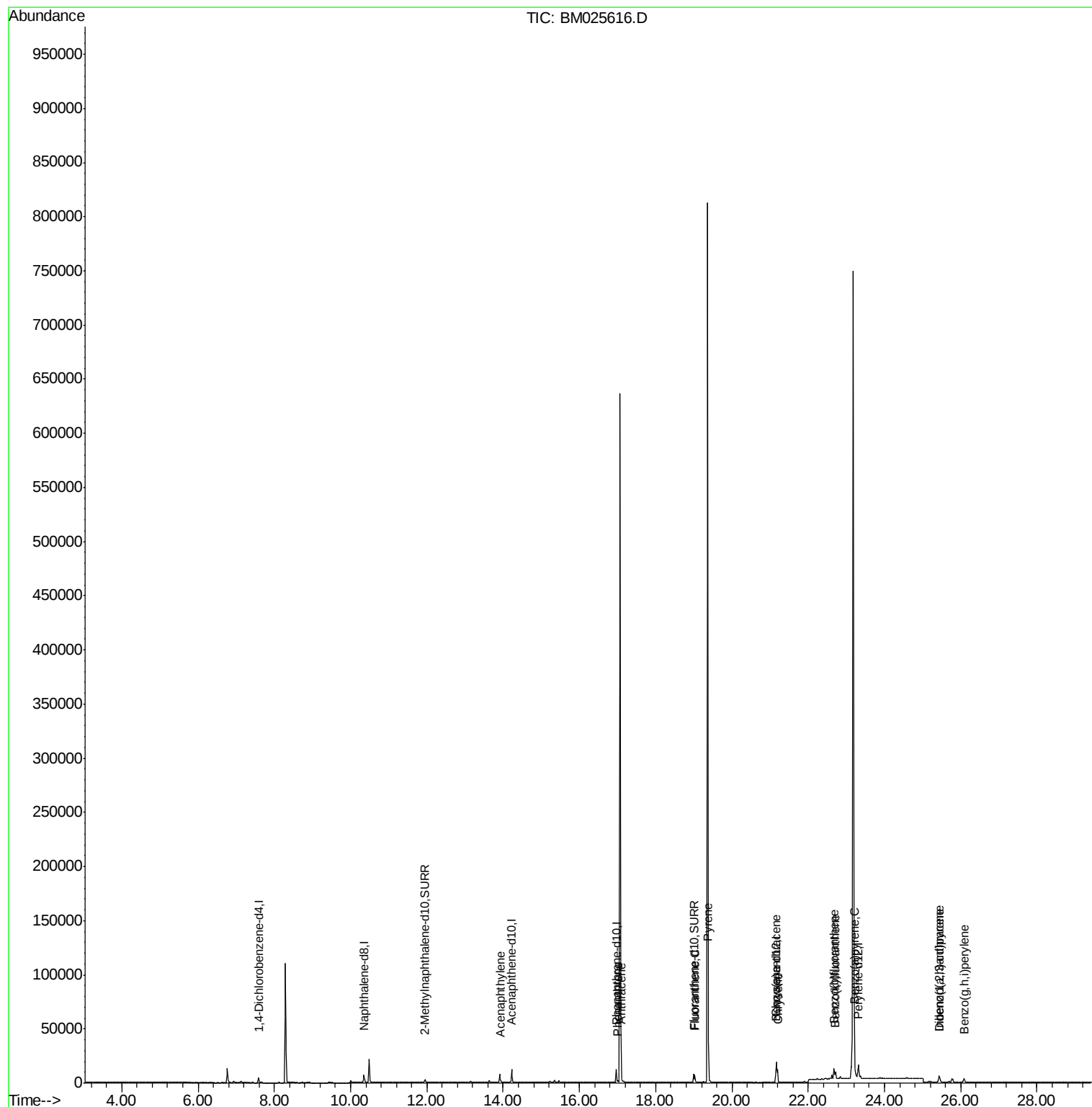
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031720\
Data File : BM025616.D
Acq On : 17 Mar 2020 18:32
Operator : CG/JU
Sample : L1516-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

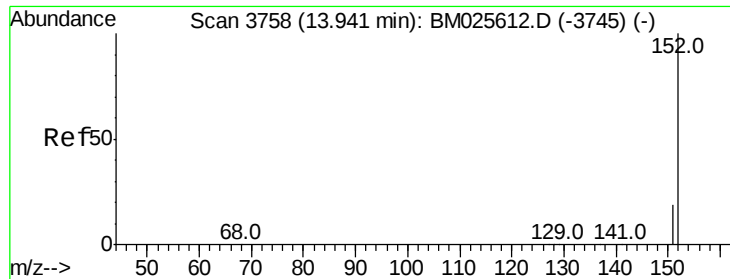
Instrument :
BNA_M
ClientSampleId :
DBD24

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3/18/2020 9:02:00 AM

Quant Time: Mar 17 19:06:09 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 : Tue Mar 17 17:05:05 2020
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.036 ng/ul

RT: 13.94 min Scan# 3757

Delta R.T. -0.00 min

Lab File: BM025616.D

Acq: 17 Mar 2020 18:32

Instrument :

BNA_M

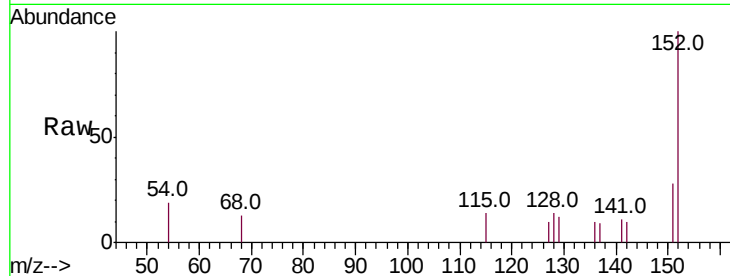
ClientSampleId :

DBD24

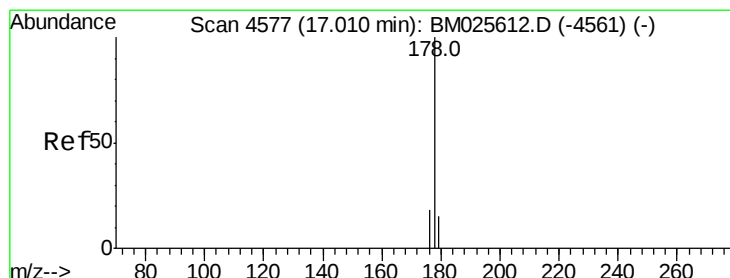
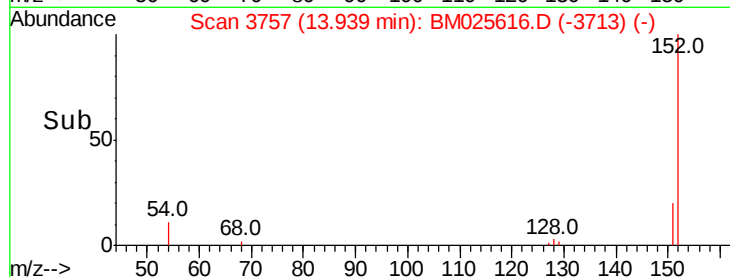
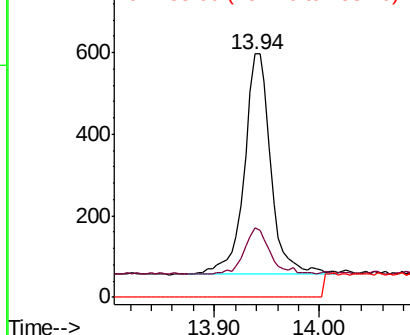
Tot Ion:	152	Resp:	936
Ion Ratio	Lower	Upper	
152	100		
151	28.5	16.2	24.2#
153	0.0	10.6	16.0#

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#12

Phenanthrene

Concen: 0.040 ng/ul

RT: 17.01 min Scan# 4576

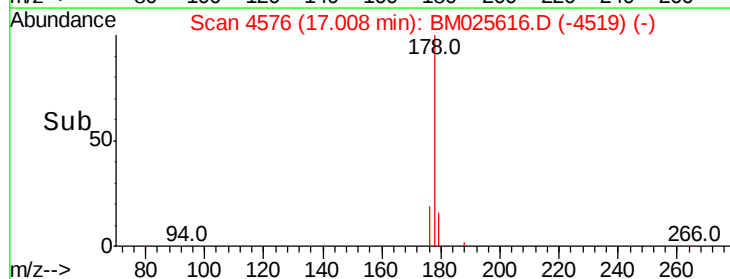
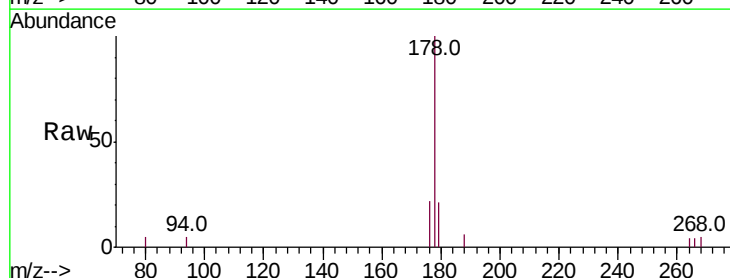
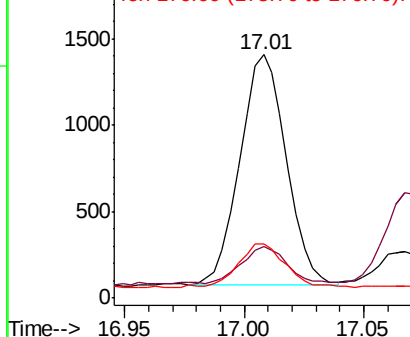
Delta R.T. -0.00 min

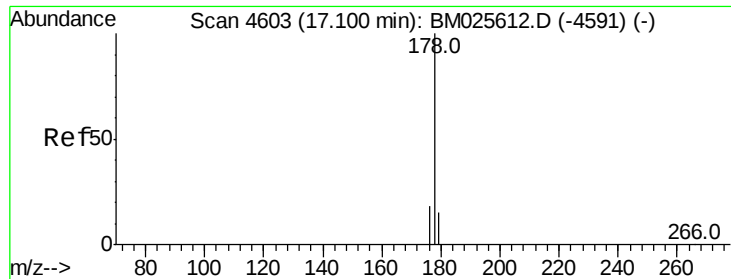
Lab File: BM025616.D

Acq: 17 Mar 2020 18:32

Tgt Ion:	178	Resp:	1819
Ion Ratio	Lower	Upper	
178	100		
179	21.4	12.4	18.6#
176	22.1	14.8	22.2

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





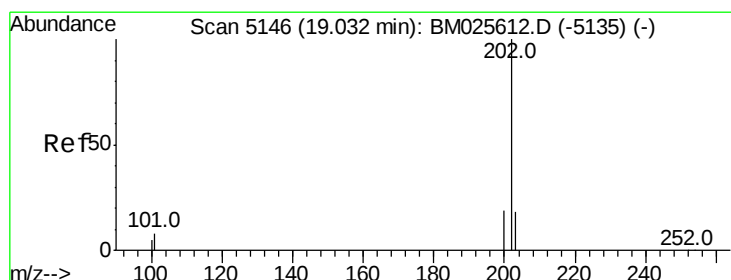
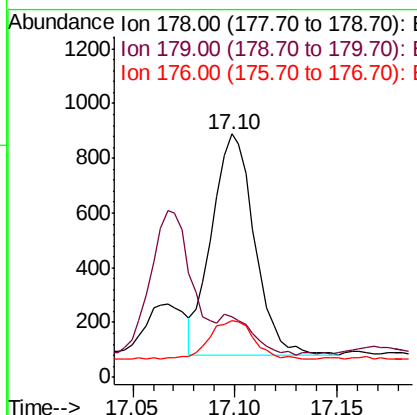
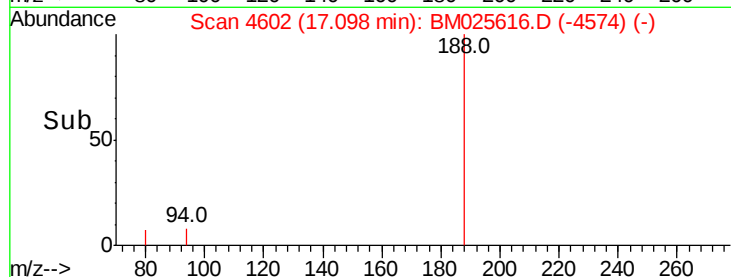
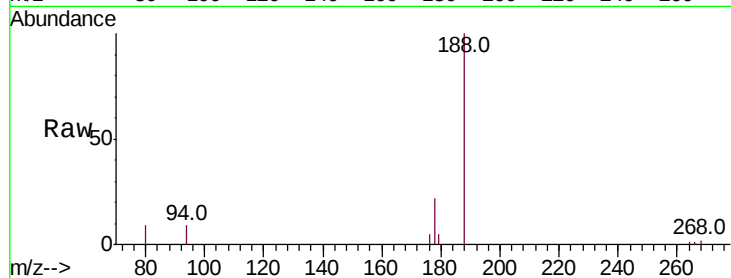
#13
 Anthracene
 Concen: 0.030 ng/ul
 RT: 17.10 min Scan# 4602
 Delta R.T. -0.00 min
 Lab File: BM025616.D
 Acq: 17 Mar 2020 18:32

Instrument :
 BNA_M
 ClientSampleId :
 DBD24

Tot Ion	Ratio	Lower	Upper
178	100		
179	24.7	12.6	18.8#
176	23.3	14.5	21.7#

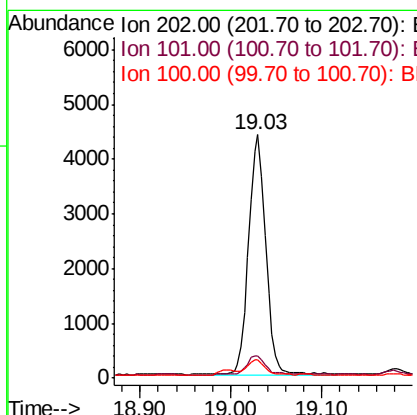
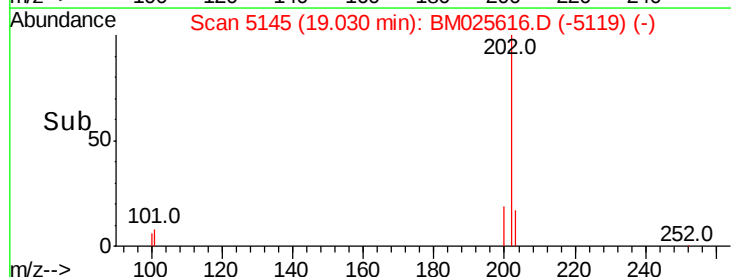
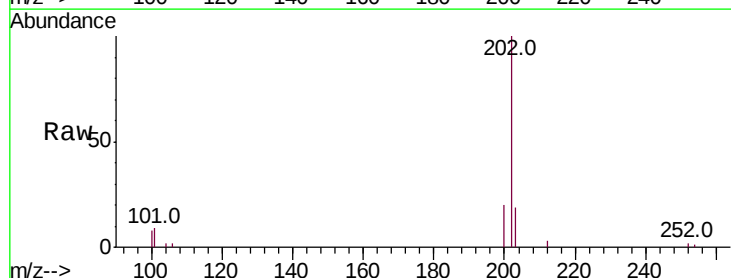
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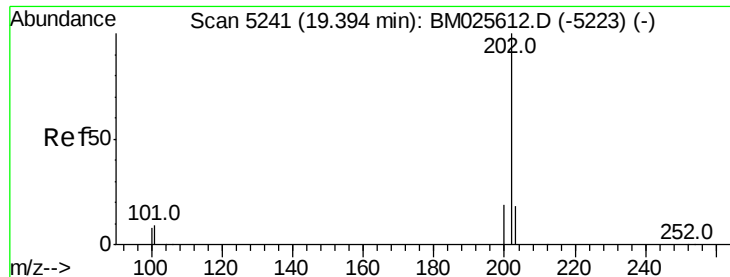
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#15
 Fluoranthene
 Concen: 0.117 ng/ul
 RT: 19.03 min Scan# 5145
 Delta R.T. -0.00 min
 Lab File: BM025616.D
 Acq: 17 Mar 2020 18:32

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	27.5
100	7.6	0.0	26.0





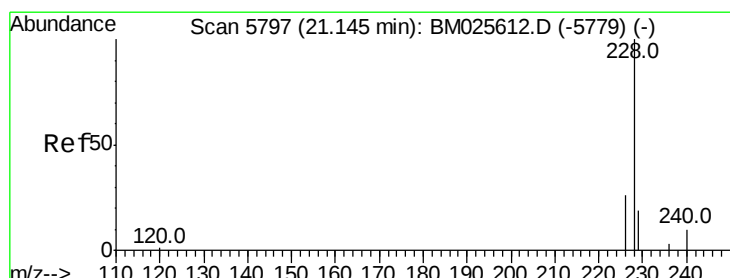
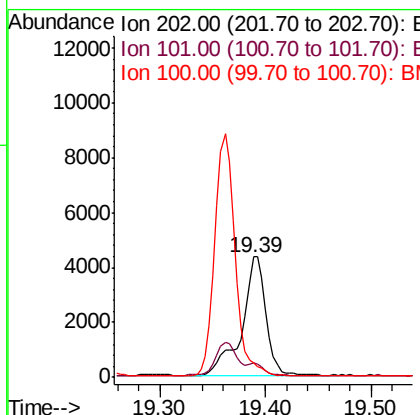
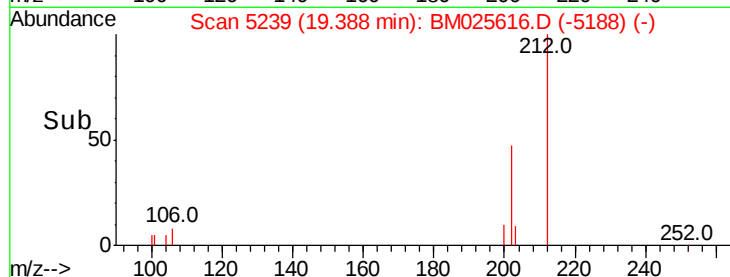
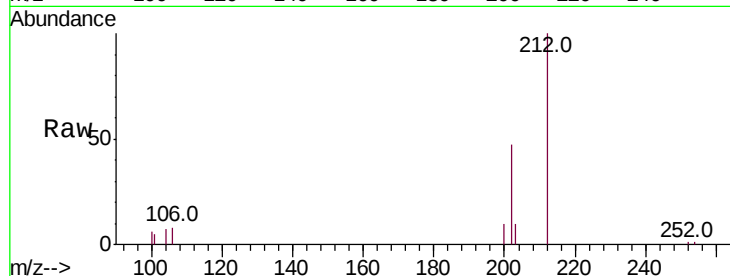
#17
Pvrene
Concen: 0.099 ng/ul
RT: 19.39 min Scan# 5239
Delta R.T. -0.01 min
Lab File: BM025616.D
Acq: 17 Mar 2020 18:32

Instrument :
BNA_M
ClientSampled :
DBD24

Tot Ion	Ratio	Resp	Lower	Upper
202	100	6866		
101	11.5		7.1	10.7#
100	11.9		6.0	9.0#

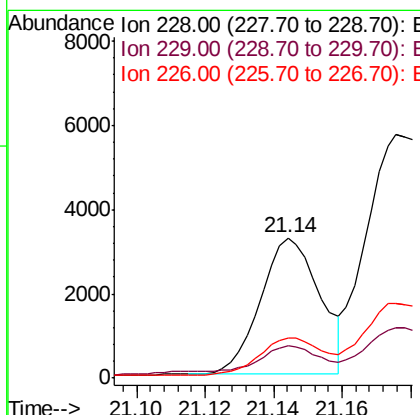
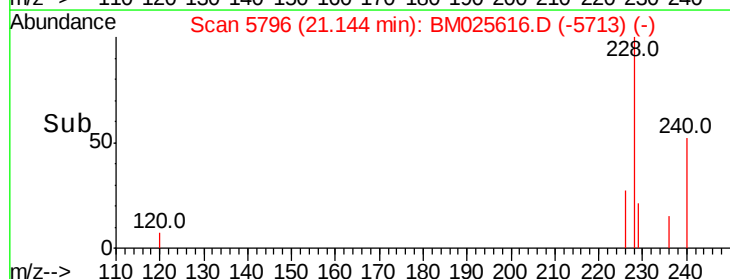
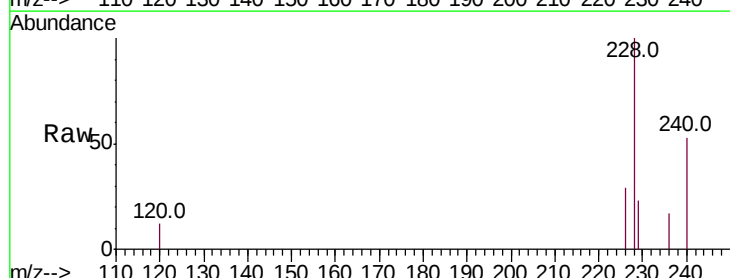
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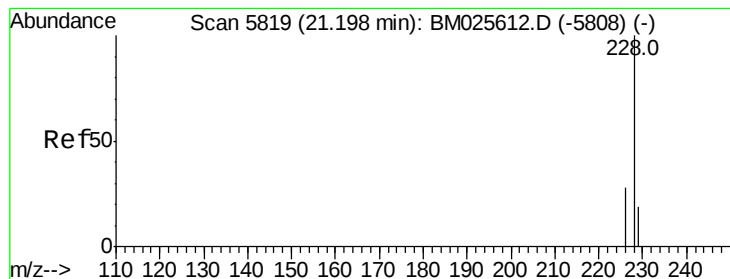
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#18
Benzo(a)anthracene
Concen: 0.071 ng/ul
RT: 21.14 min Scan# 5796
Delta R.T. -0.00 min
Lab File: BM025616.D
Acq: 17 Mar 2020 18:32

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	3918		
229	23.1		15.6	23.4
226	28.9		21.1	31.7





#19

Chrysene

Concen: 0.154 ng/ul

RT: 21.20 min Scan# 5817

Delta R.T. -0.00 min

Lab File: BM025616.D

Acq: 17 Mar 2020 18:32

Instrument :

BNA_M

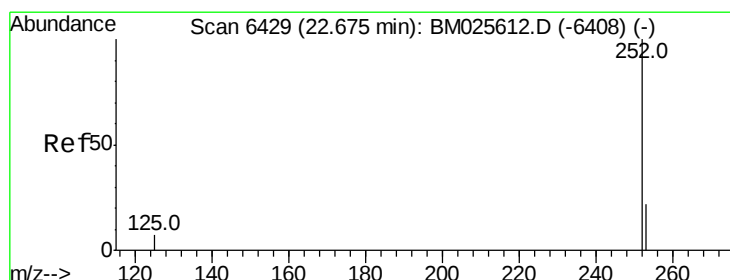
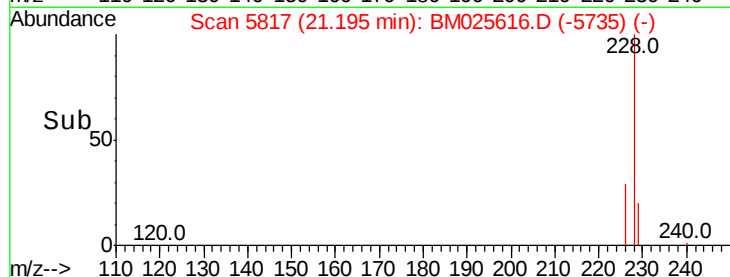
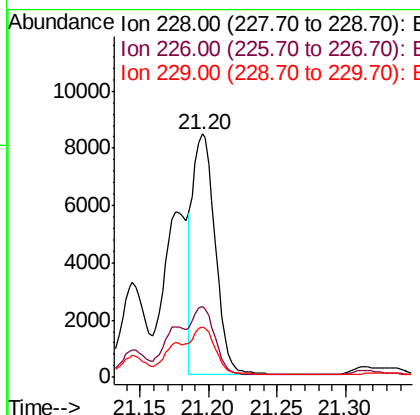
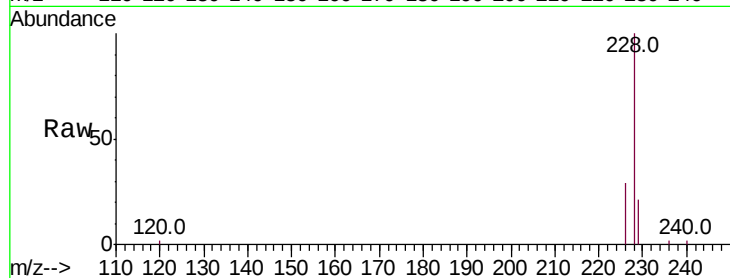
ClientSampled :

DBD24

Tot Ion:	228	Resp:	9500
Ion Ratio	Lower	Upper	
228	100		
226	29.2	23.6	35.4
229	20.7	16.3	24.5

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#21

Benzo(b)fluoranthene

Concen: 0.222 ng/ul

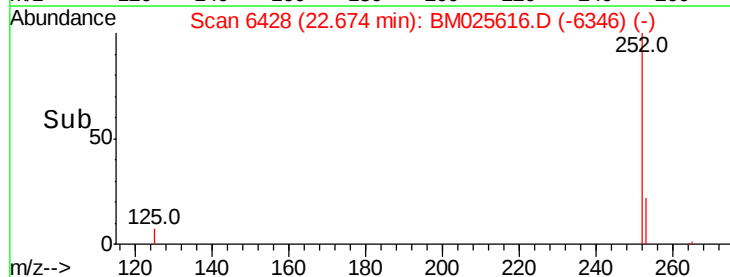
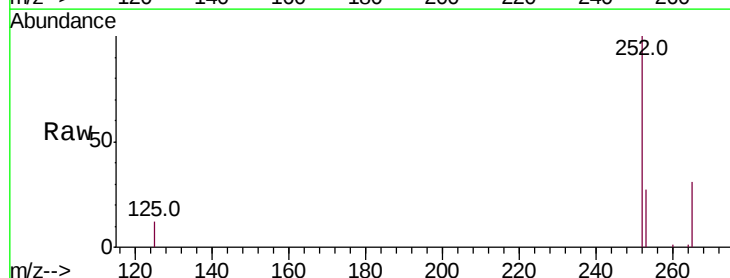
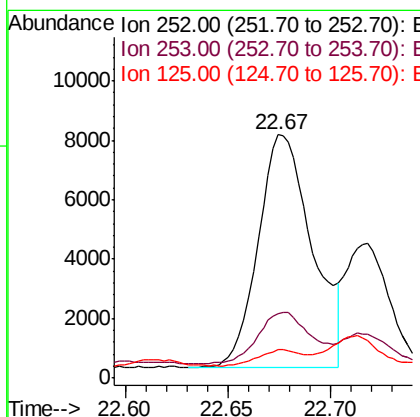
RT: 22.67 min Scan# 6428

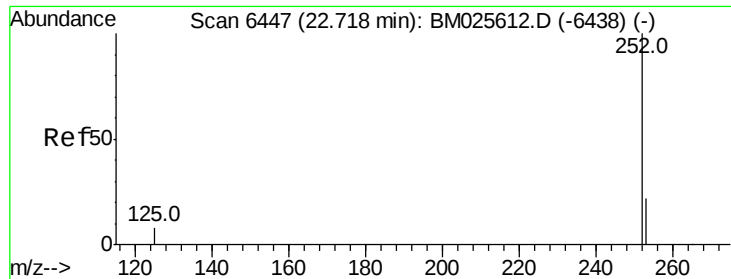
Delta R.T. -0.00 min

Lab File: BM025616.D

Acq: 17 Mar 2020 18:32

Tgt Ion:	252	Resp:	14310
Ion Ratio	Lower	Upper	
252	100		
253	26.7	0.0	50.2
125	11.9	0.0	17.6





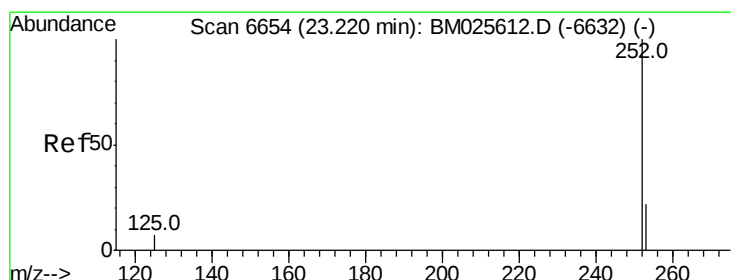
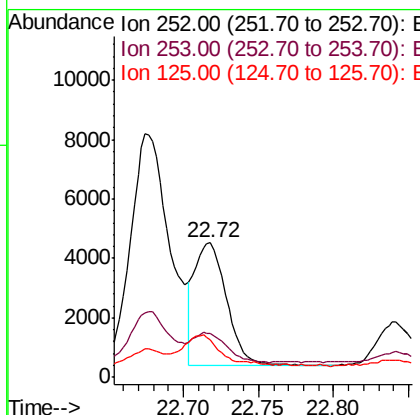
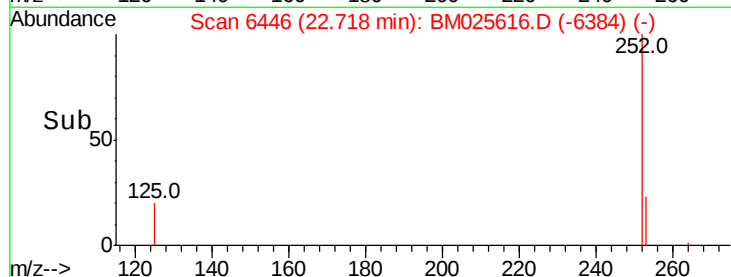
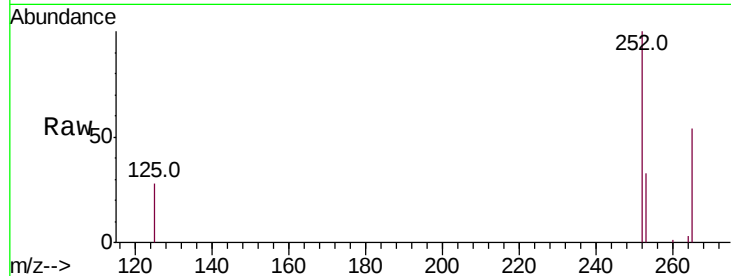
#22
Benzo(k)fluoranthene
Concen: 0.090 ng/u1
RT: 22.72 min Scan# 6446
Delta R.T. -0.00 min
Lab File: BM025616.D
Acq: 17 Mar 2020 18:32

Instrument :
BNA_M
ClientSampleId :
DBD24

Tot Ion	Ratio	Lower	Upper
252	100		
253	32.5	19.8	29.8#
125	27.7	7.1	10.7#

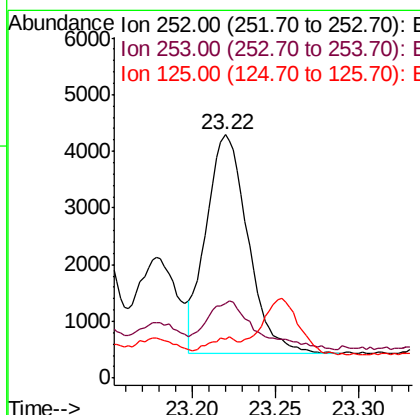
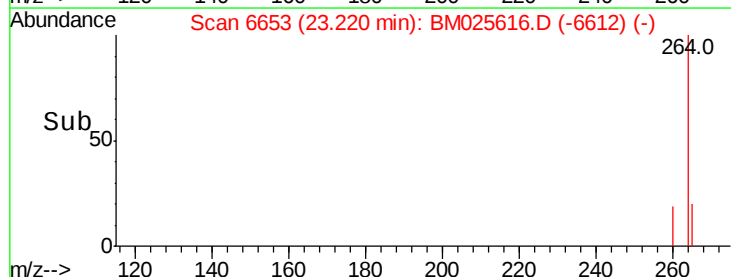
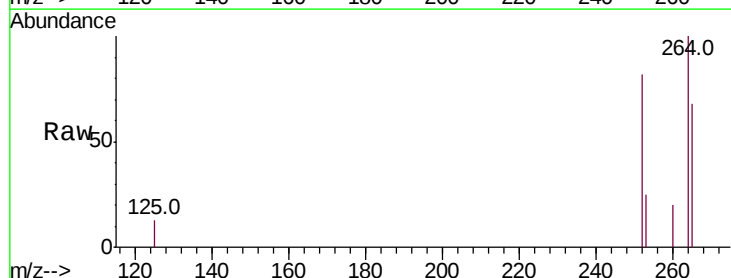
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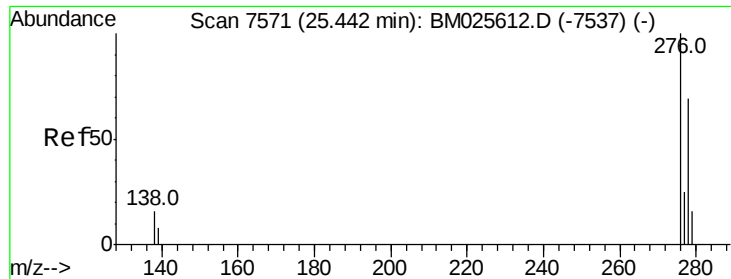
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#23
Benzo(a)pyrene
Concen: 0.126 ng/u1
RT: 23.22 min Scan# 6653
Delta R.T. -0.00 min
Lab File: BM025616.D
Acq: 17 Mar 2020 18:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.9	21.3	31.9
125	16.0	8.5	12.7#





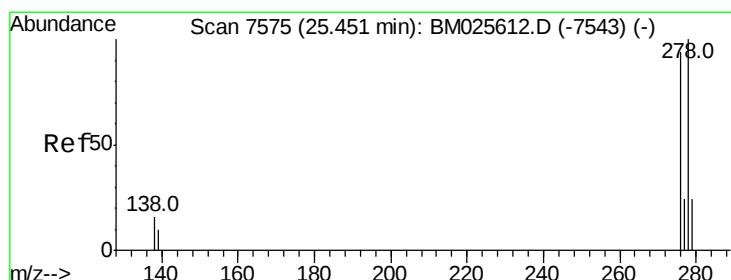
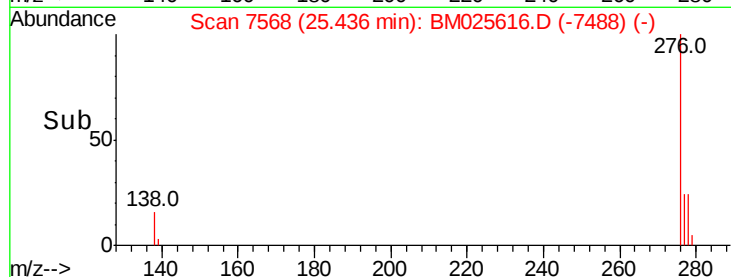
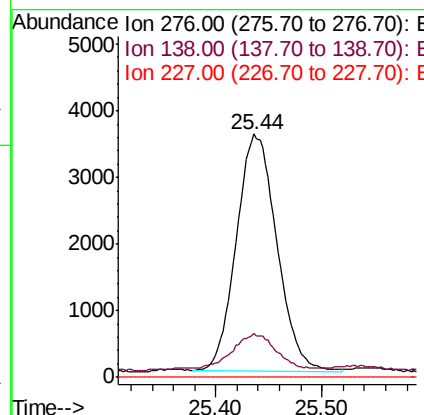
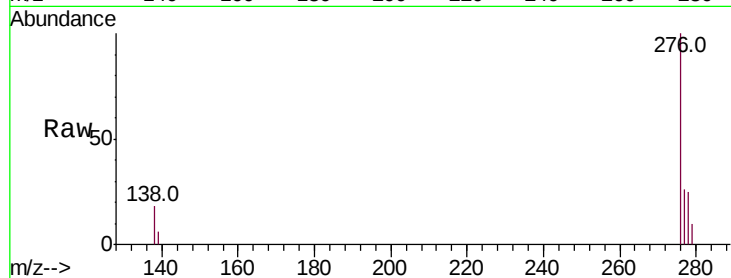
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.127 ng/u1
RT: 25.44 min Scan# 7568
Delta R.T. -0.01 min
Lab File: BM025616.D
Acq: 17 Mar 2020 18:32

Instrument :
BNA_M
ClientSampled :
DBD24

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.9	12.3	18.5
227	0.0	0.0	0.0

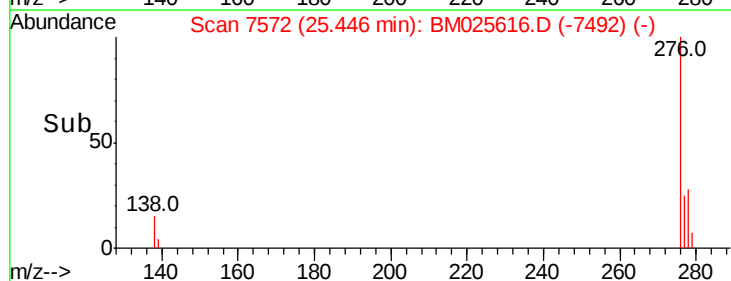
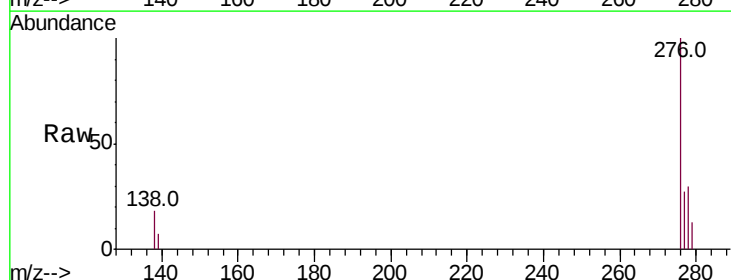
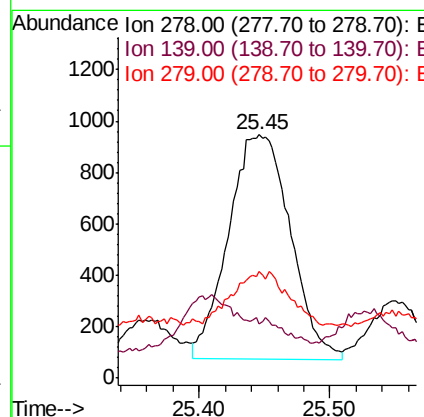
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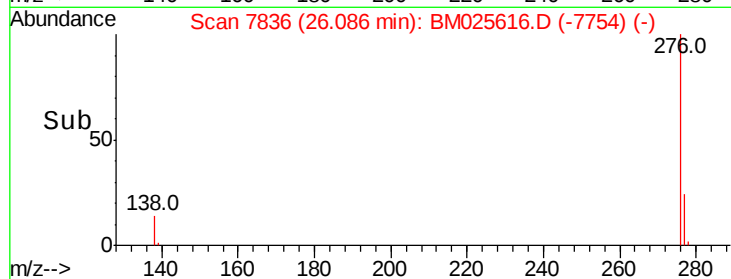
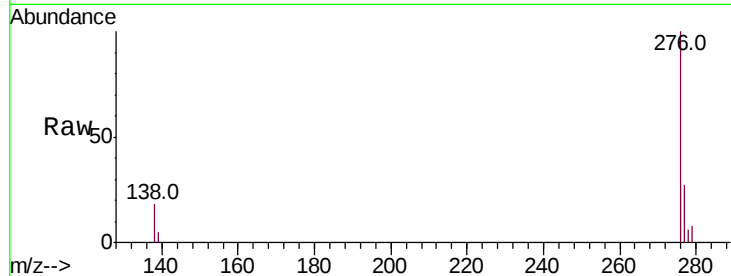
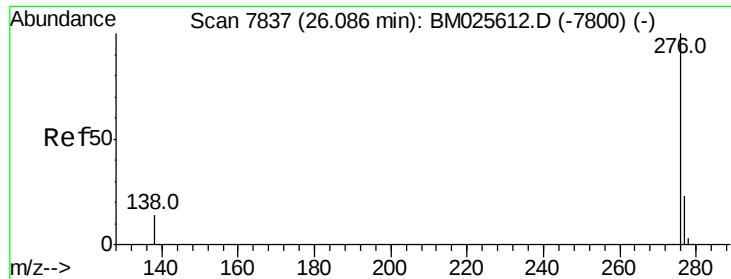
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#25
Dibenzo(a,h)anthracene
Concen: 0.047 ng/u1
RT: 25.45 min Scan# 7572
Delta R.T. -0.01 min
Lab File: BM025616.D
Acq: 17 Mar 2020 18:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.2	9.0	13.6#
279	43.9	21.1	31.7#





#26

Benzo(a,h,i)perylene

Concen: 0.118 ng/ul

RT: 26.09 min Scan# 7836

Delta R.T. -0.00 min

Lab File: BM025616.D

Acq: 17 Mar 2020 18:32

Tot Ion:	276	Resp:	7441
Ion Ratio	Lower	Upper	
276	100		
138	17.6	11.0	16.4#
277	27.0	19.8	29.6

Instrument :

BNA_M

ClientSampleId :

DBD24

Manual Integrations
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