

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022720\
 Data File : BM025107.D
 Acq On : 27 Feb 2020 17:21
 Operator : CG/JU
 Sample : L1506-22
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBD00

Manual Integrations
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Quant Time: Feb 28 04:37:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 25 11:03:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	2615	0.40	ng/ul	0.00
2) Naphthalene-d8	10.46	136	9866	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.32	164	6012	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	13673	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	14499	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	15847	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	3782	0.20	ng/ul	-0.01
14) Fluoranthene-d10	19.09	212	10201	0.22	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.51	128	790	0.026	ng/ul	95
7) Acenaphthylene	14.04	152	1648	0.048	ng/ul	98
12) Phenanthrene	17.10	178	2316	0.048	ng/ul	95
13) Anthracene	17.19	178	5106	0.110	ng/ul	99
15) Fluoranthene	19.12	202	44740	0.640	ng/ul	96
17) Pyrene	19.48	202	105216	1.610	ng/ul#	95
18) Benzo(a)anthracene	21.23	228	54560	0.872	ng/ul	99
19) Chrysene	21.28	228	68118	1.092	ng/ul	99
21) Benzo(b)fluoranthene	22.79	252	77687m	1.251	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	35142m	0.571	ng/ul	
23) Benzo(a)pyrene	23.35	252	34625	0.610	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.63	276	21153	0.298	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.64	278	6226	0.104	ng/ul#	84
26) Benzo(g,h,i)perylene	26.29	276	12954	0.216	ng/ul#	94

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

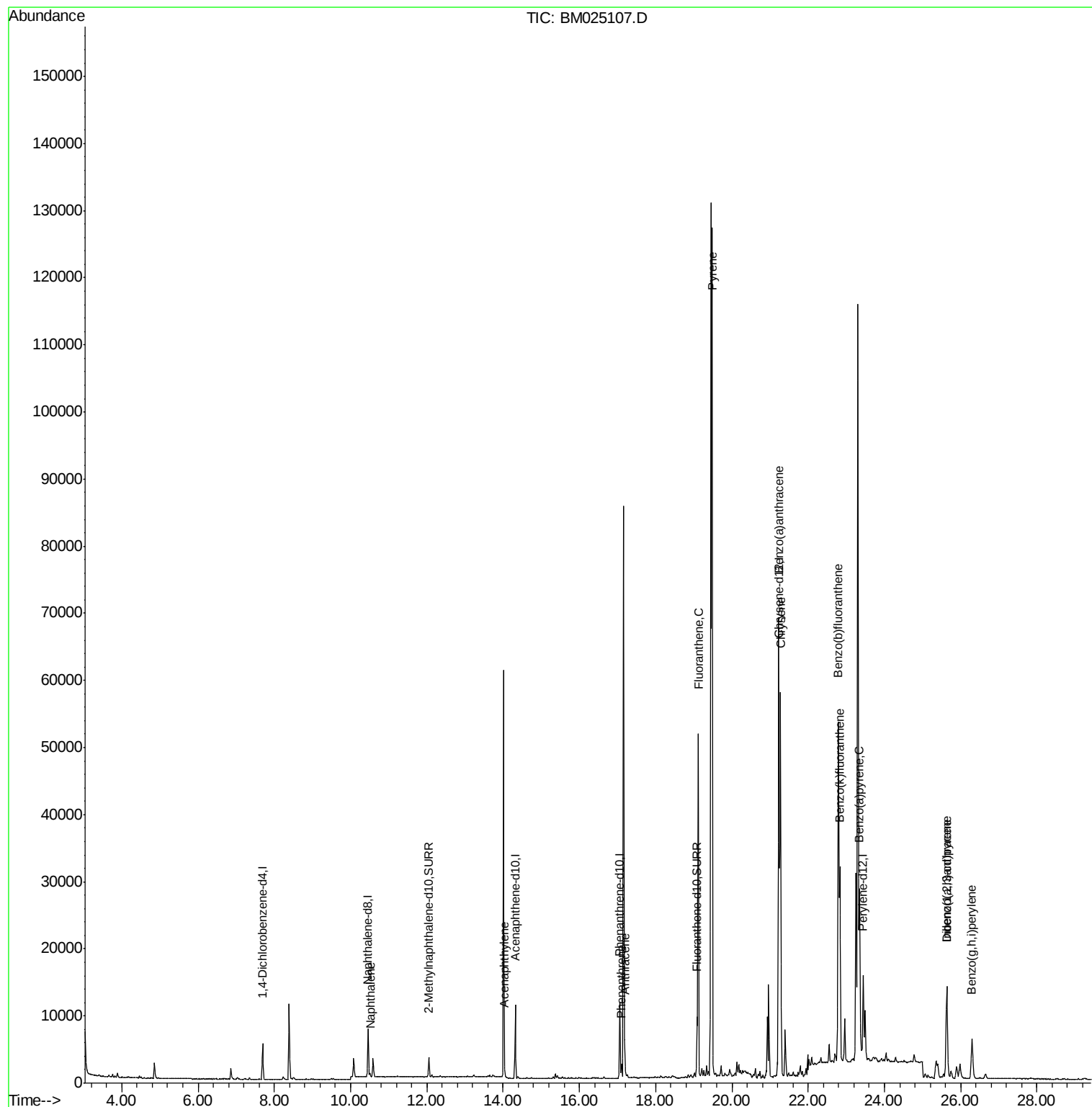
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022720\
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Misc :
ALS Vial : 5 Sample Multiplier: 1

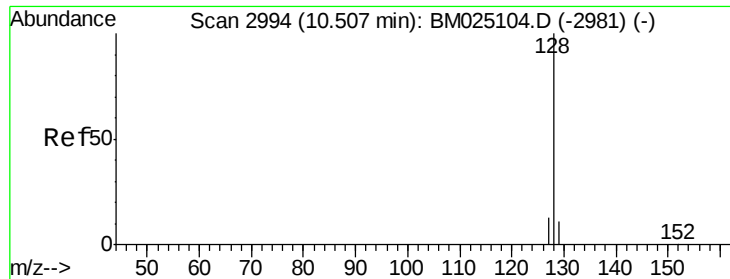
Instrument :
BNA_M
ClientSampleId :
DBD00

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Quant Time: Feb 28 04:37:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 25 11:03:43 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.026 ng/ul

RT: 10.51 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BM025107.D

Acq: 27 Feb 2020 17:21

Instrument :

BNA_M

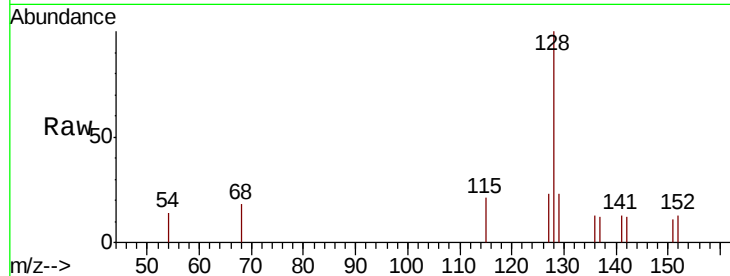
ClientSampleId :

DBD00

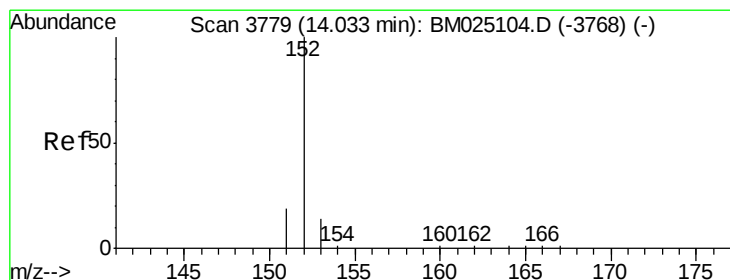
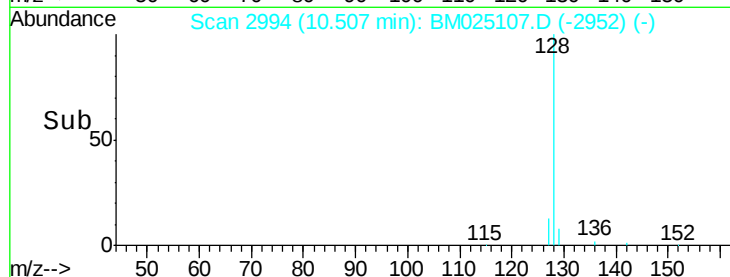
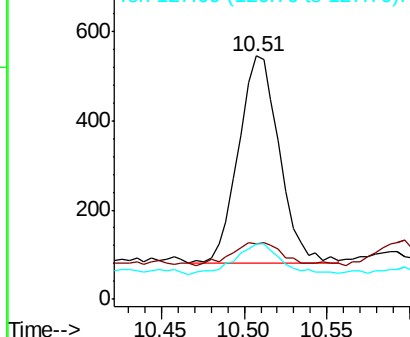
Tot Ion:	128	Resp:	790
Ion	Ratio	Lower	Upper
128	100		
129	22.8	17.0	25.6
127	22.8	15.7	23.5

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#7

Acenaphthylene

Concen: 0.048 ng/ul

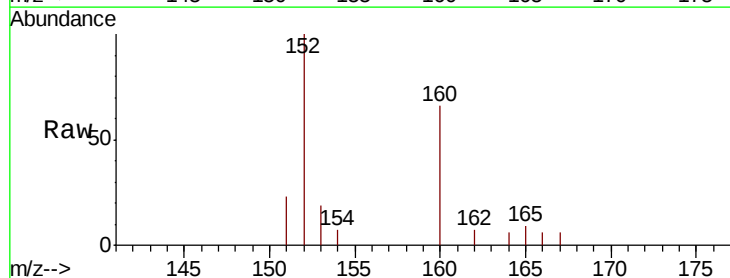
RT: 14.04 min Scan# 3780

Delta R.T. -0.01 min

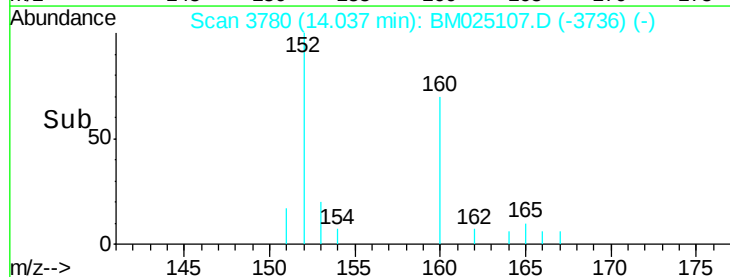
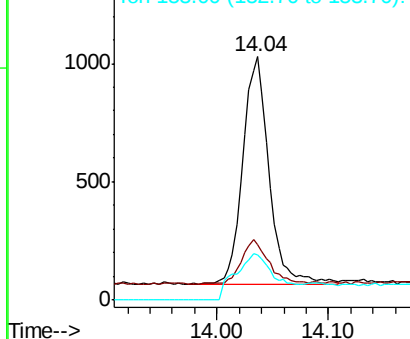
Lab File: BM025107.D

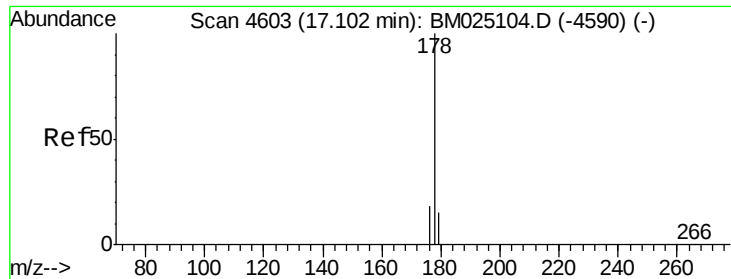
Acq: 27 Feb 2020 17:21

Tgt Ion:	152	Resp:	1648
Ion	Ratio	Lower	Upper
152	100		
151	22.6	17.8	26.8
153	18.6	13.3	19.9



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: 0.048 ng/ul

RT: 17.10 min Scan# 4602

Delta R.T. -0.01 min

Lab File: BM025107.D

Acq: 27 Feb 2020 17:21

Instrument :

BNA_M

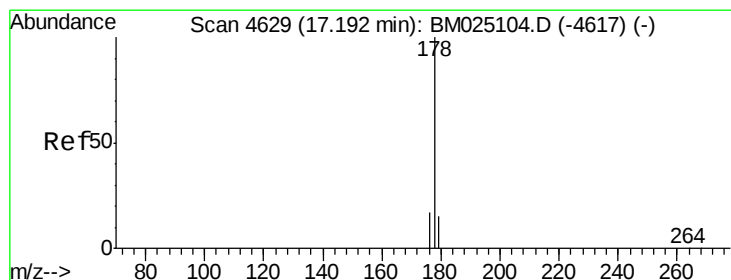
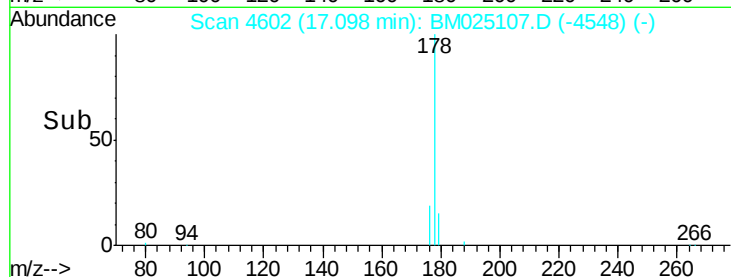
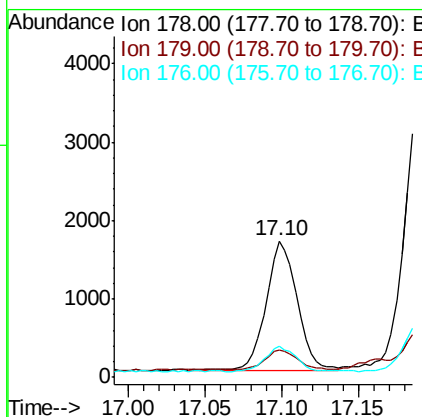
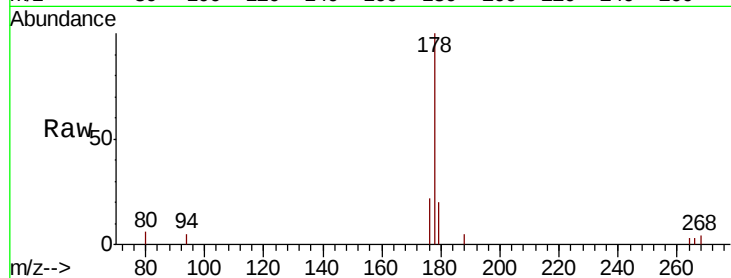
ClientSampleId :

DBD00

Tot Ion:178	Resp:	2316
Ion Ratio	Lower	Upper
178	100	
179	20.0	14.0 21.0
176	22.5	16.6 24.8

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#13

Anthracene

Concen: 0.110 ng/ul

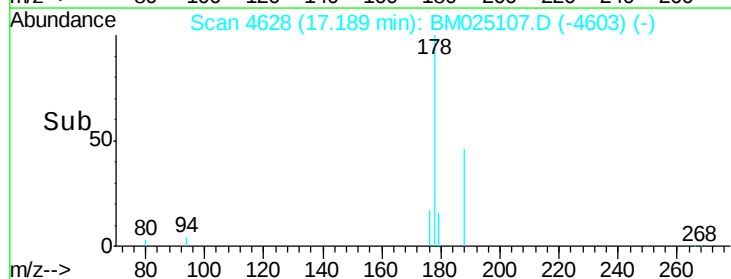
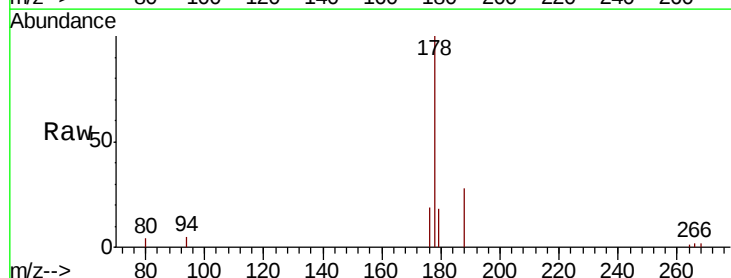
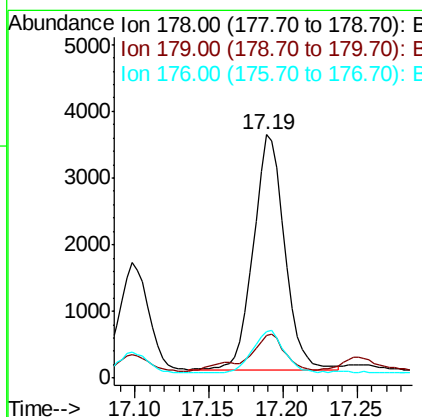
RT: 17.19 min Scan# 4628

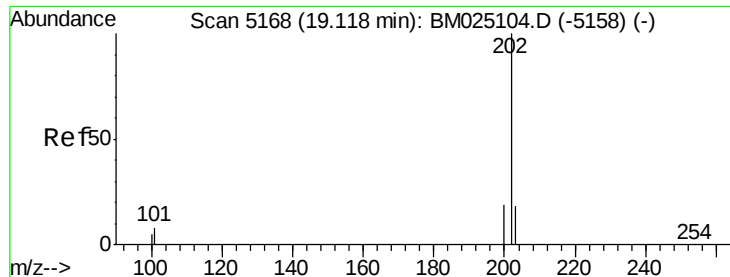
Delta R.T. -0.01 min

Lab File: BM025107.D

Acq: 27 Feb 2020 17:21

Tgt Ion:178	Resp:	5106
Ion Ratio	Lower	Upper
178	100	
179	17.7	14.1 21.1
176	19.2	16.2 24.4





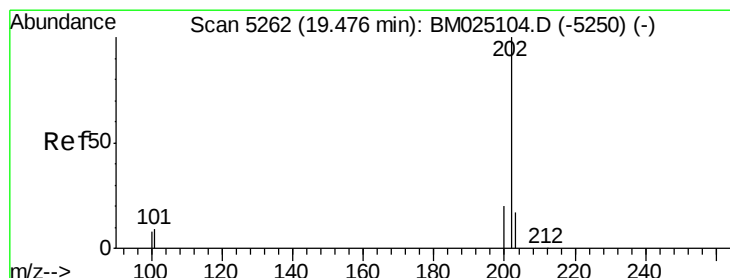
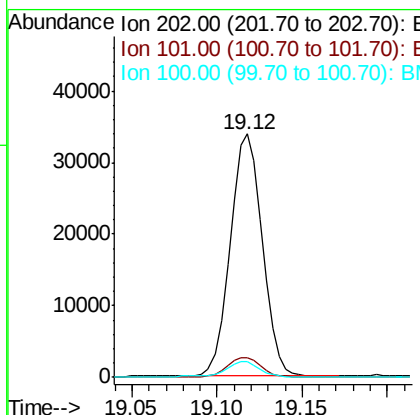
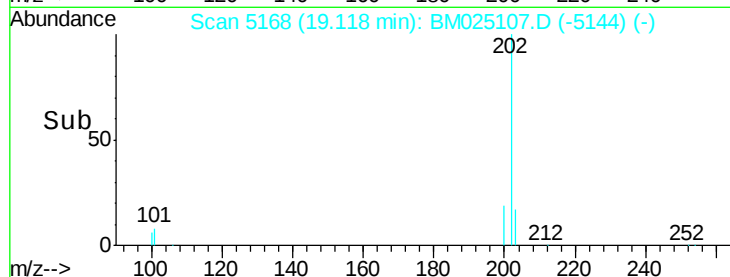
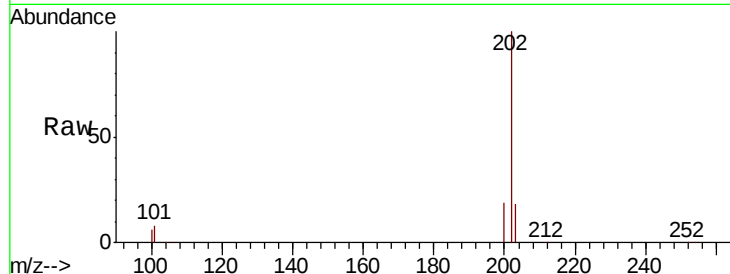
#15
Fluoranthene
Concen: 0.640 ng/ul
RT: 19.12 min Scan# 5168
Delta R.T. -0.01 min
Lab File: BM025107.D
Acq: 27 Feb 2020 17:21

Instrument :
BNA_M
ClientSampleId :
DBD00

Tot Ion	Ratio	Resp	Lower	Upper
202	100	44740		
101	8.0	0.0	29.4	
100	6.4	0.0	28.0	

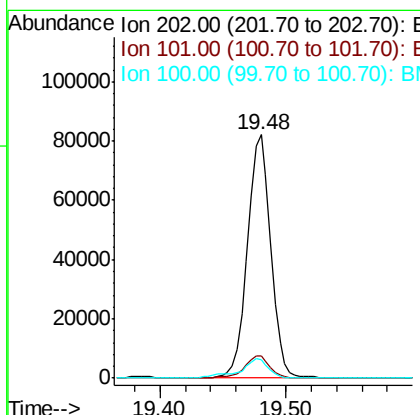
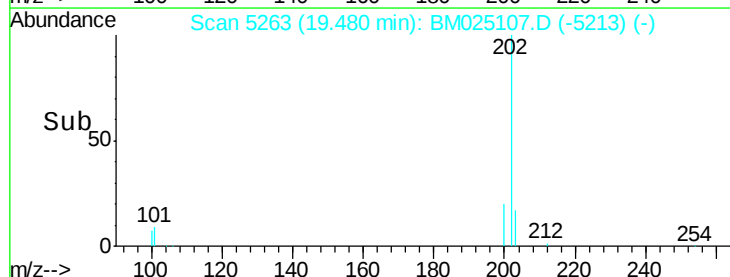
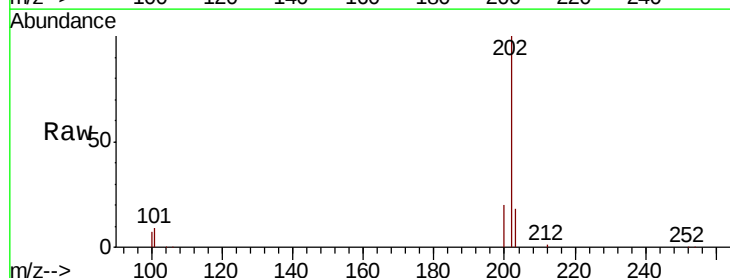
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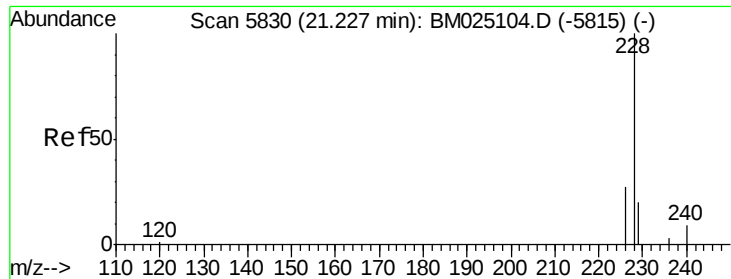
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#17
Pyrene
Concen: 1.610 ng/ul
RT: 19.48 min Scan# 5263
Delta R.T. -0.01 min
Lab File: BM025107.D
Acq: 27 Feb 2020 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	105216		
101	8.9	8.7	13.1	
100	7.3	7.3	10.9#	





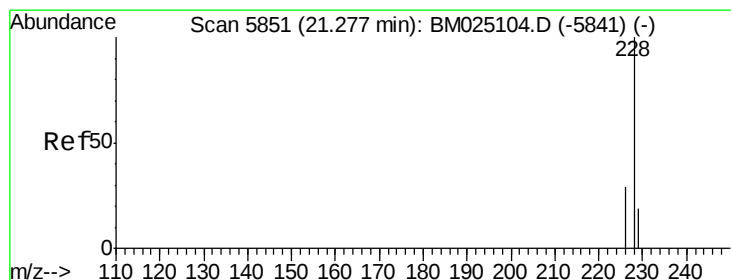
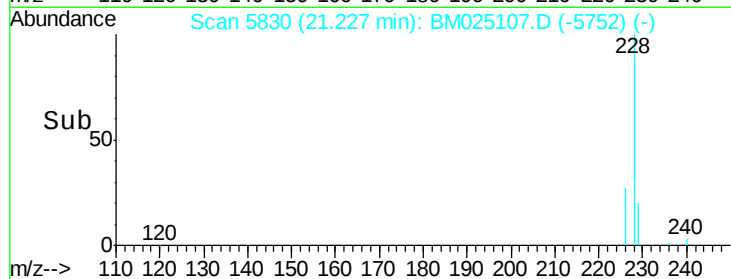
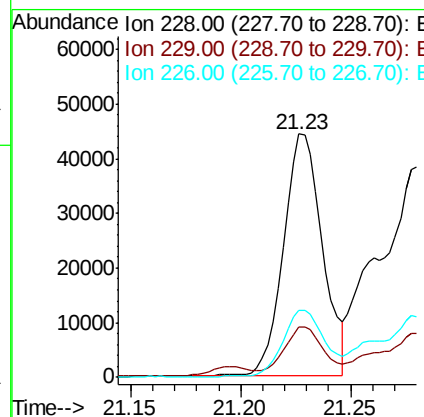
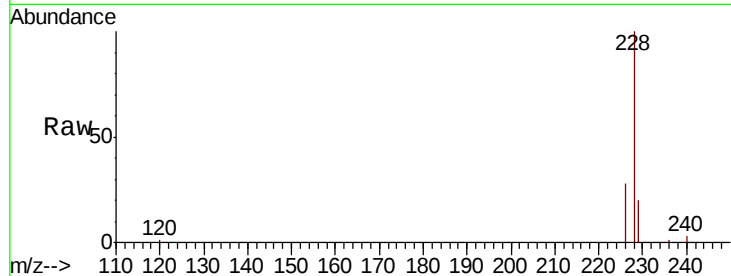
#18
Benzo(a)anthracene
Concen: 0.872 ng/ul
RT: 21.23 min Scan# 5830
Delta R.T. -0.01 min
Lab File: BM025107.D
Acq: 27 Feb 2020 17:21

Instrument :
BNA_M
ClientSampleId :
DBD00

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.4	16.6	25.0
226	27.8	21.9	32.9

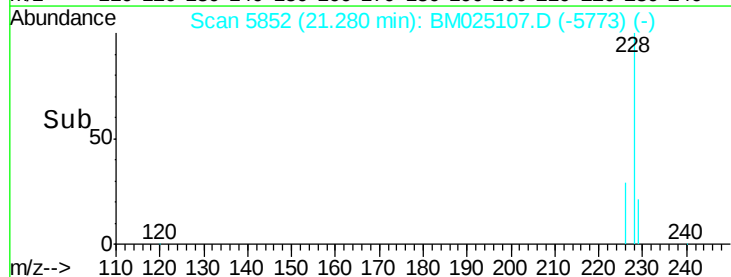
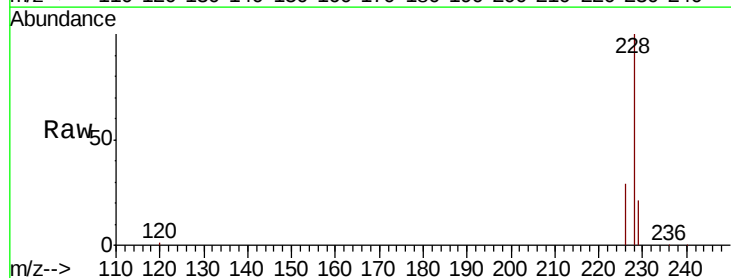
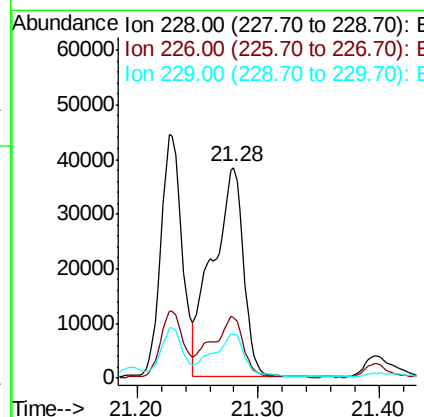
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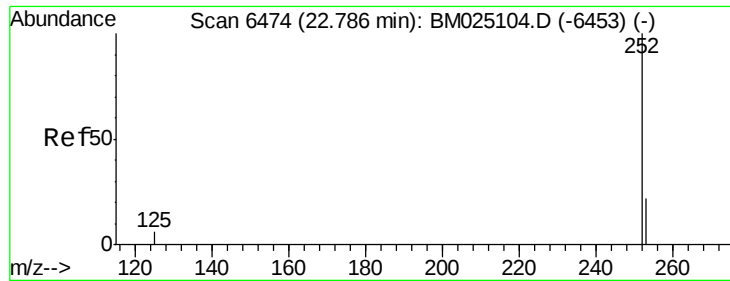
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#19
Chrysene
Concen: 1.092 ng/ul
RT: 21.28 min Scan# 5852
Delta R.T. -0.01 min
Lab File: BM025107.D
Acq: 27 Feb 2020 17:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.8	35.8
229	21.0	16.9	25.3





#21

Benzo(b)fluoranthene

Concen: 1.251 ng/ul m

RT: 22.79 min Scan# 6476

Delta R.T. -0.01 min

Lab File: BM025107.D

Acq: 27 Feb 2020 17:21

Instrument :

BNA_M

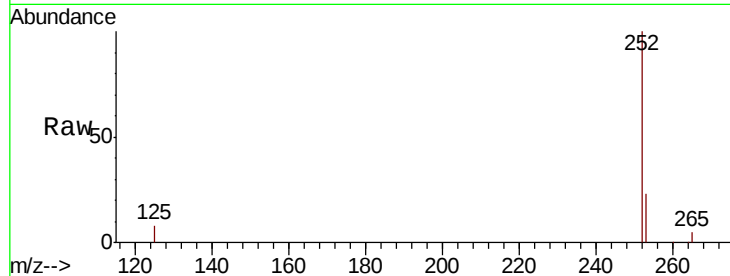
ClientSampleId :

DBD00

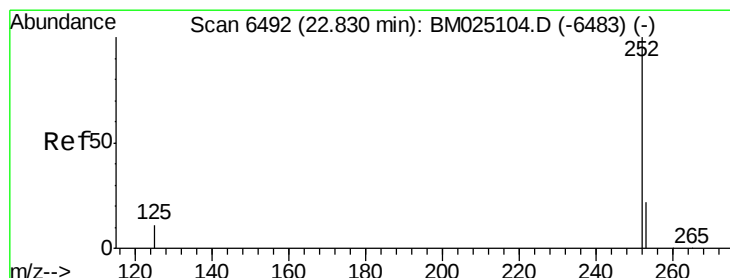
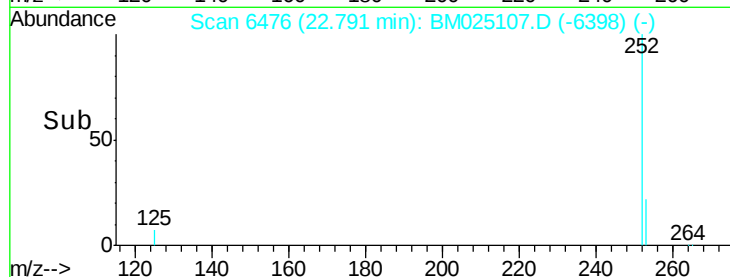
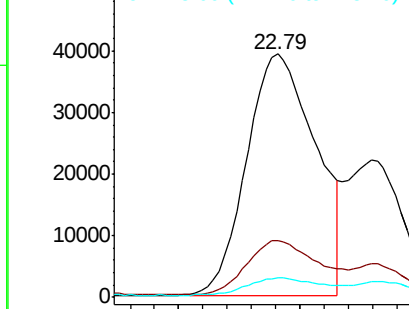
Tot Ion:	252	Resp:	77687
Ion Ratio	Lower	Upper	
252	100		
253	23.3	0.0	49.8
125	7.9	0.0	28.6

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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: 0.571 ng/ul m

RT: 22.83 min Scan# 6492

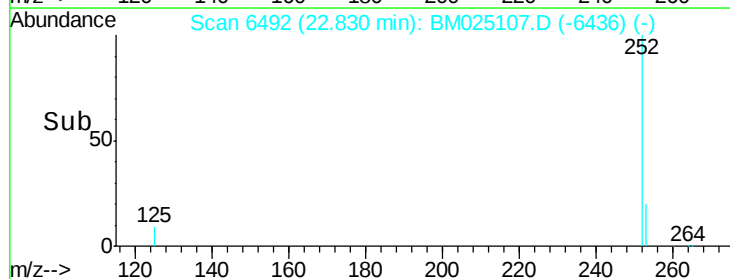
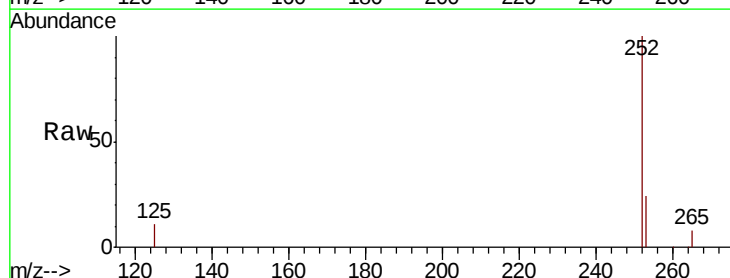
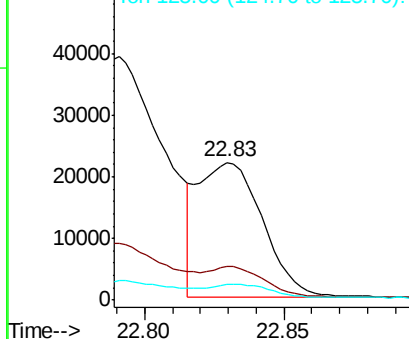
Delta R.T. -0.01 min

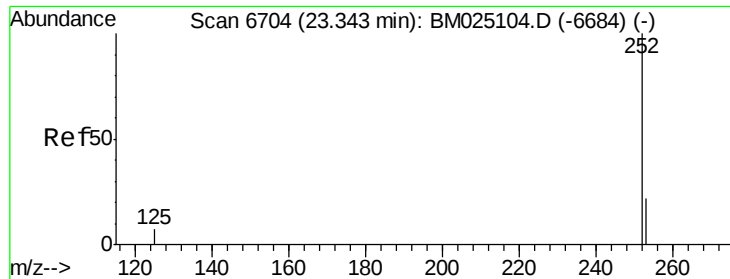
Lab File: BM025107.D

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Tgt Ion:	252	Resp:	35142
Ion Ratio	Lower	Upper	
252	100		
253	24.3	19.4	29.0
125	11.0	10.7	16.1

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





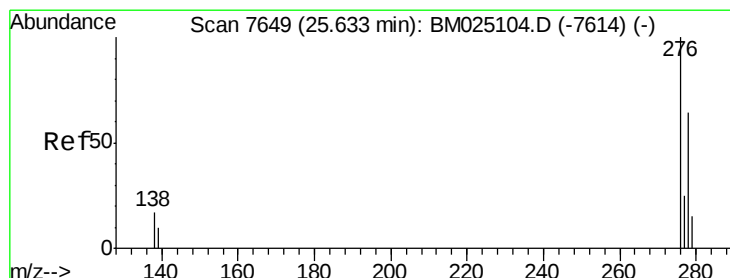
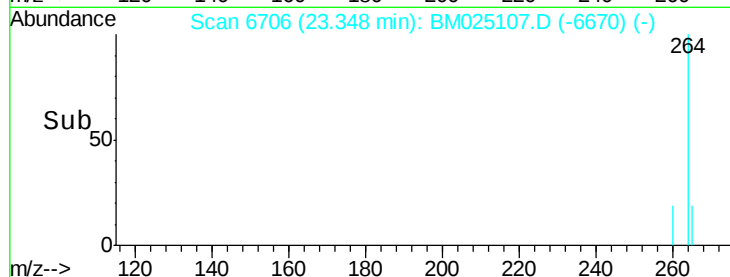
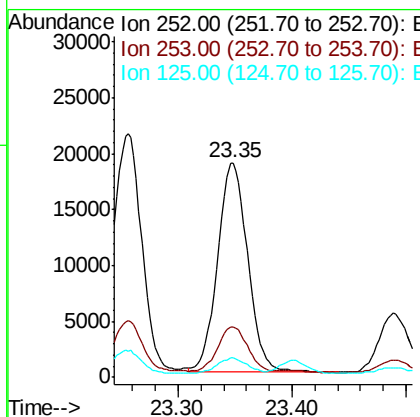
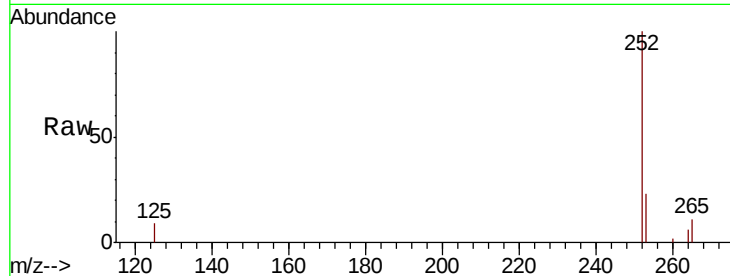
#23
Benzo(a)pyrene
Concen: 0.610 ng/ul
RT: 23.35 min Scan# 6706
Delta R.T. -0.01 min
Lab File: BM025107.D
Acq: 27 Feb 2020 17:21

Instrument :
BNA_M
ClientSampleId :
DBD00

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	20.3	30.5
125	8.9	13.0	19.4

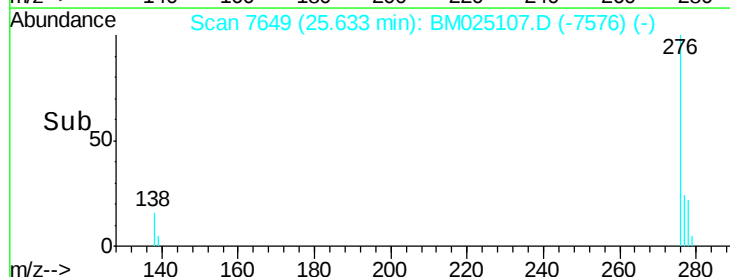
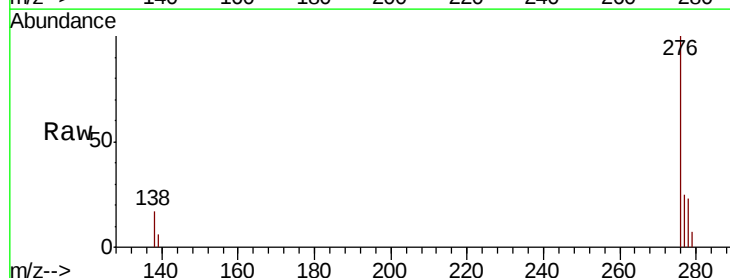
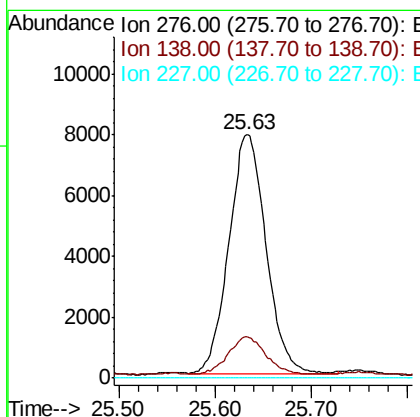
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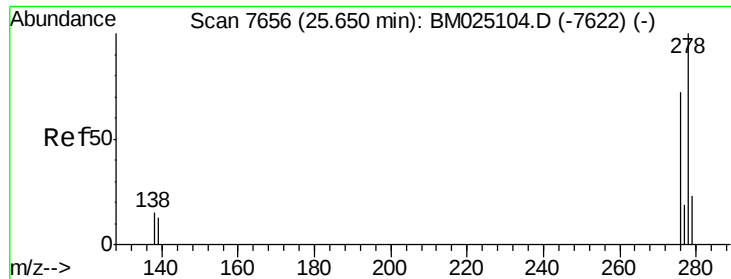
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.298 ng/ul
RT: 25.63 min Scan# 7649
Delta R.T. -0.02 min
Lab File: BM025107.D
Acq: 27 Feb 2020 17:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.4	0.0	0.0
227	0.0	0.0	0.0





#25

Dibenzo(a,h)anthracene

Concen: 0.104 ng/ul

RT: 25.64 min Scan# 7651

Delta R.T. -0.04 min

Lab File: BM025107.D

Acq: 27 Feb 2020 17:21

Instrument :

BNA_M

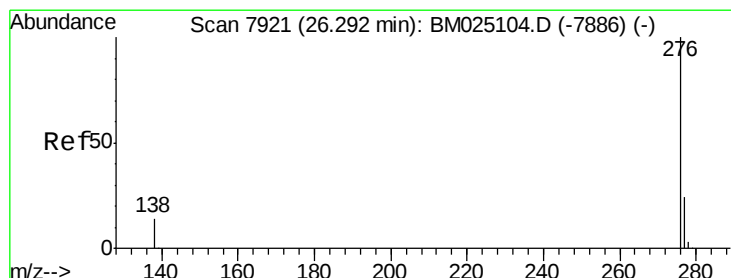
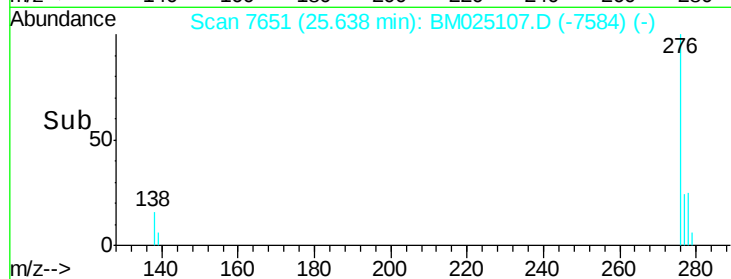
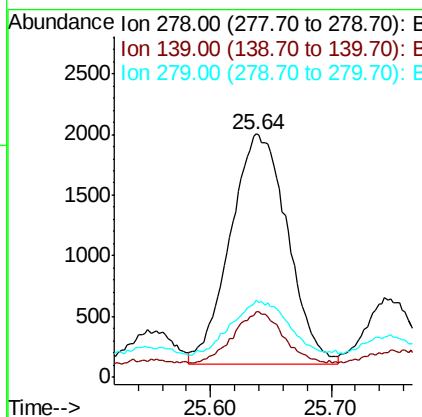
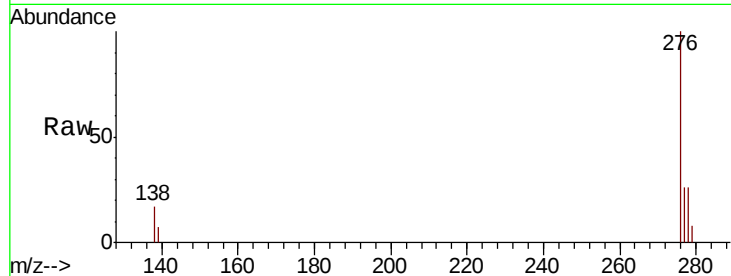
ClientSampled :

DBD00

Tot Ion:278	Resp:	6226
Ion Ratio	Lower	Upper
278	100	
139	27.0	13.2 19.8#
279	31.6	21.0 31.4#

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#26

Benzo(g,h,i)perylene

Concen: 0.216 ng/ul

RT: 26.29 min Scan# 7922

Delta R.T. -0.02 min

Lab File: BM025107.D

Acq: 27 Feb 2020 17:21

Tgt Ion:276	Resp:	12954
Ion Ratio	Lower	Upper
276	100	
138	16.9	17.9 26.9#
277	26.3	20.5 30.7

