

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
 Data File : BM025445.D
 Acq On : 10 Mar 2020 10:31
 Operator : CG/JU
 Sample : L1612-18
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBDM0

Manual Integrations
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Quant Time: Mar 10 12:15:10 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	3372	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	14467	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	9934	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	20674	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	14661	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	14136	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	8632	0.33	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	18696	0.33	ng/ul	0.00
Target Compounds				Ovalue		
5) 2-Methylnaphthalene	12.10	142	1631	0.053	ng/ul	100
7) Acenaphthylene	14.01	152	1730	0.043	ng/ul#	91
9) Fluorene	15.34	166	3941	0.091	ng/ul	99
12) Phenanthrene	17.07	178	11986	0.183	ng/ul	99
13) Anthracene	17.16	178	66909	1.174	ng/ul	99
15) Fluoranthene	19.09	202	10721	0.151	ng/ul	96
17) Pyrene	19.45	202	22529	0.342	ng/ul	98
18) Benzo(a)anthracene	21.20	228	48974	0.934	ng/ul	98
19) Chrysene	21.26	228	34968	0.594	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	145682m	2.603	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	54366m	0.927	ng/ul	
23) Benzo(a)pyrene	23.31	252	42596	0.916	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.57	276	35118	0.557	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.58	278	10143	0.191	ng/ul#	96
26) Benzo(g,h,i)perylene	26.24	276	17893	0.327	ng/ul	98

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

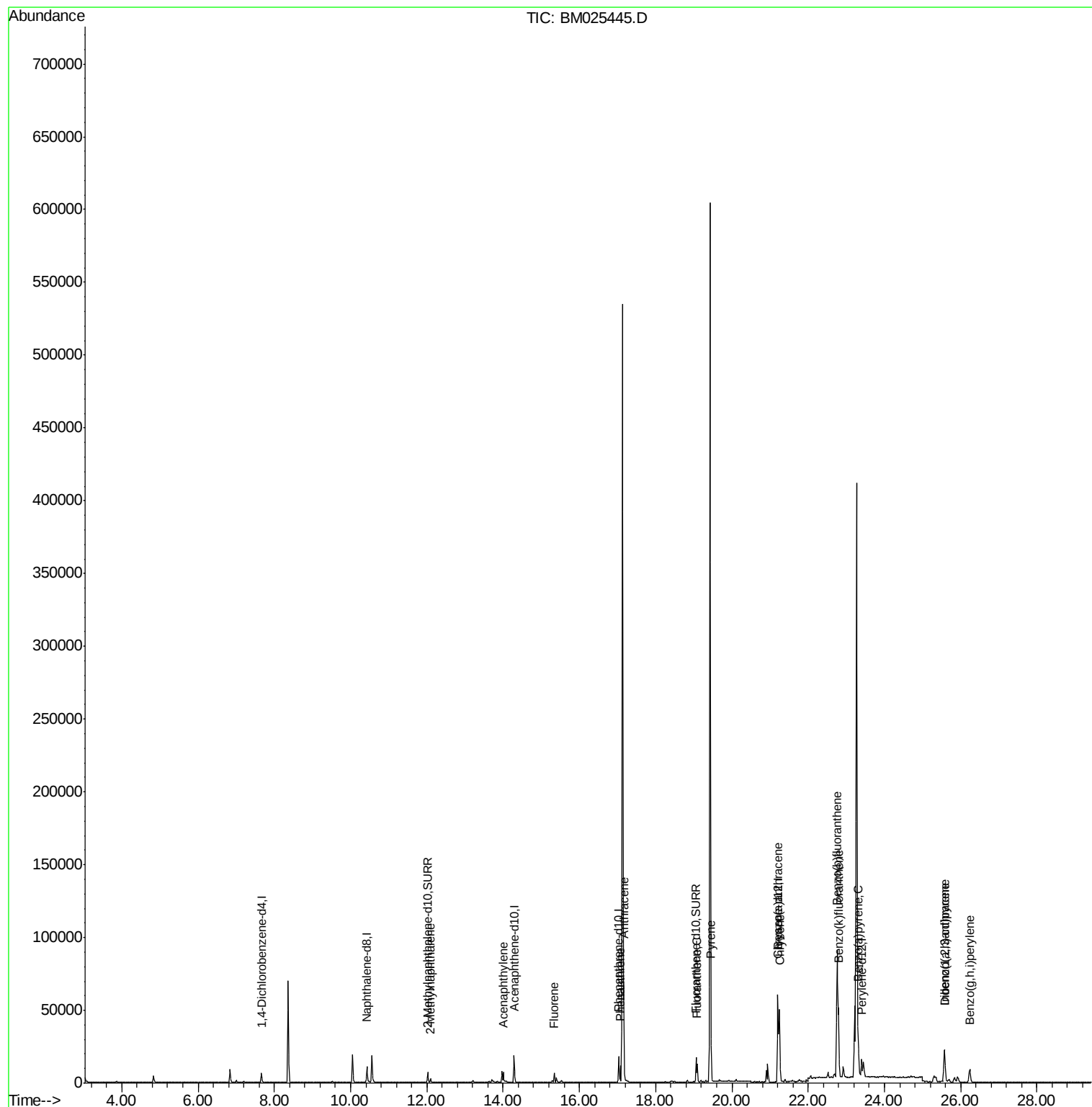
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025445.D
Acq On : 10 Mar 2020 10:31
Operator : CG/JU
Sample : L1612-18
Misc :
ALS Vial : 39 Sample Multiplier: 1

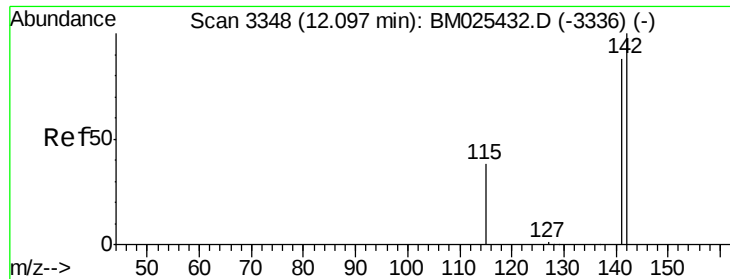
Instrument :
BNA_M
ClientSampleId :
DBDM0

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Quant Time: Mar 10 12:15:10 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: 0.053 ng/ul

RT: 12.10 min Scan# 3348

Delta R.T. -0.00 min

Lab File: BM025445.D

Acq: 10 Mar 2020 10:31

Instrument :

BNA_M

ClientSampleId :

DBDM0

Tot Ion:142 Resp: 1631

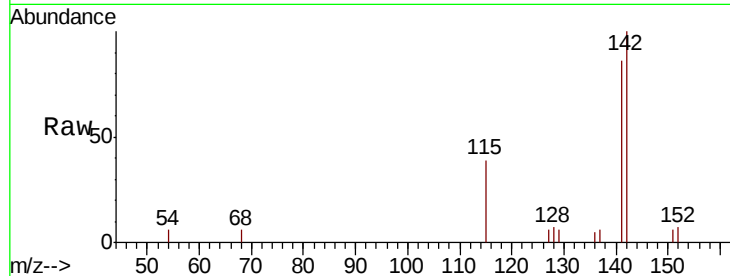
Ion Ratio Lower Upper

142 100

141 87.2 69.8 104.6

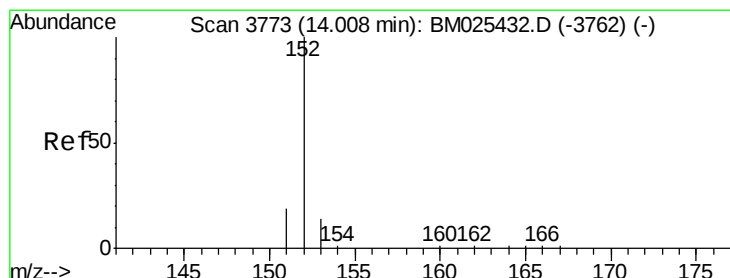
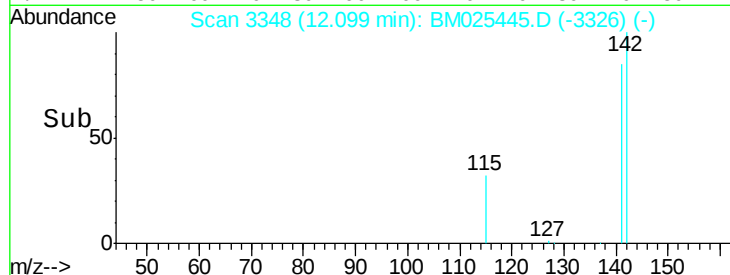
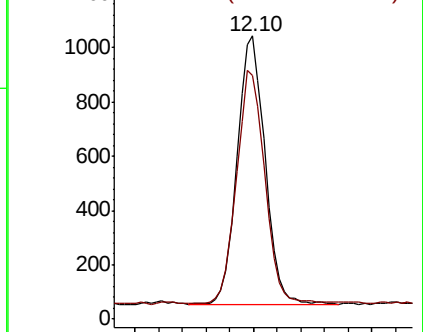
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#7

Acenaphthylene

Concen: 0.043 ng/ul

RT: 14.01 min Scan# 3772

Delta R.T. -0.00 min

Lab File: BM025445.D

Acq: 10 Mar 2020 10:31

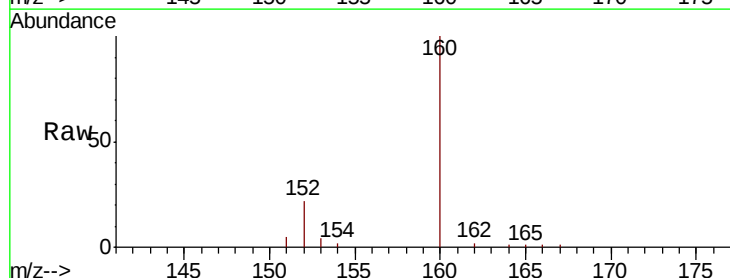
Tgt Ion:152 Resp: 1730

Ion Ratio Lower Upper

152 100

151 23.4 16.2 24.2

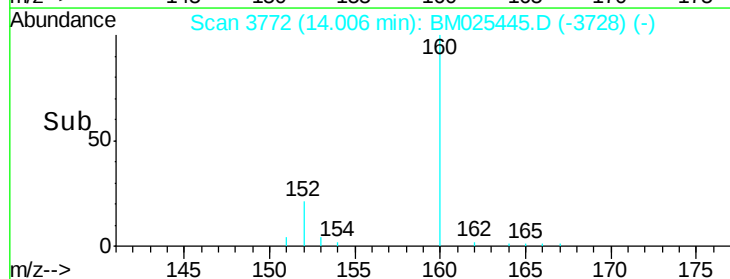
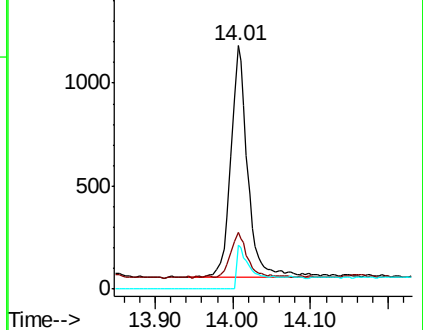
153 18.0 10.6 16.0#

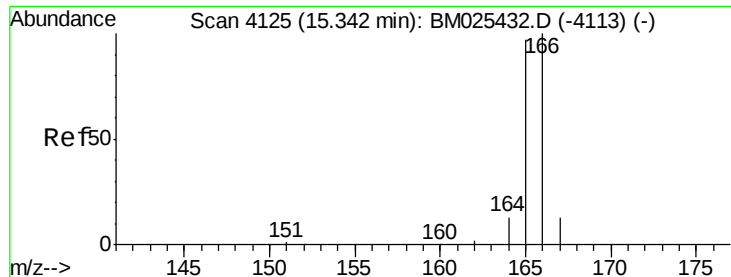


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#9

Fluorene

Concen: 0.091 ng/ul

RT: 15.34 min Scan# 4124

Delta R.T. -0.00 min

Lab File: BM025445.D

Acq: 10 Mar 2020 10:31

Instrument :

BNA_M

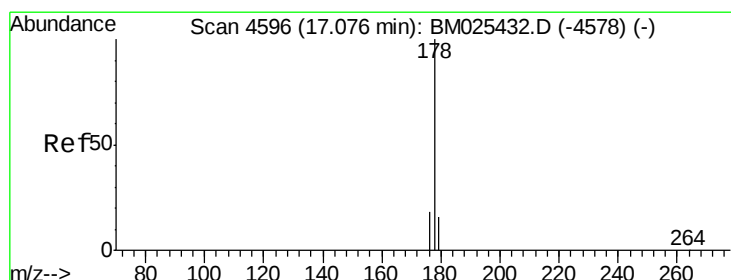
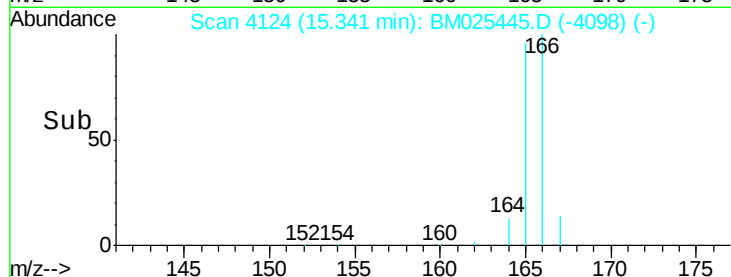
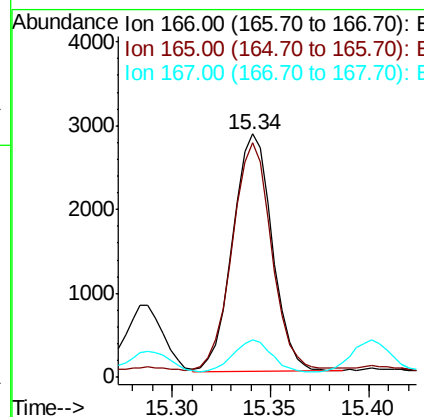
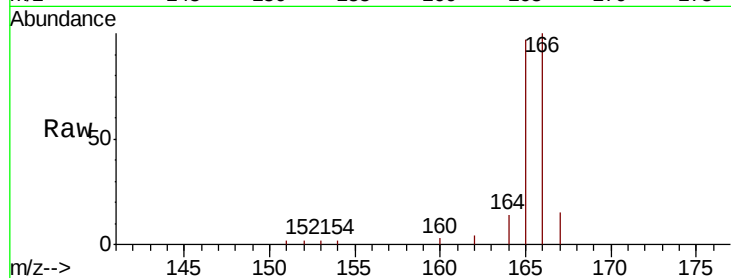
ClientSampleId :

DBDM0

Tot Ion:	166	Resp:	3941
Ion	Ratio	Lower	Upper
166	100		
165	96.6	76.8	115.2
167	15.4	11.2	16.8

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#12

Phenanthrene

Concen: 0.183 ng/ul

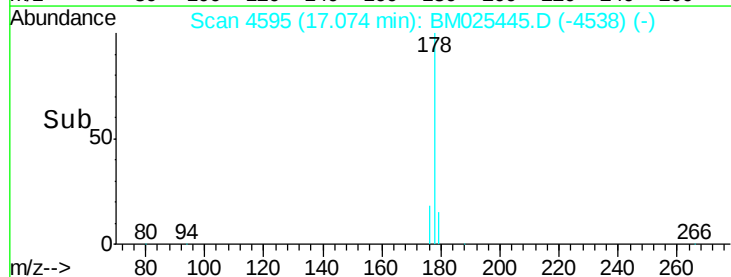
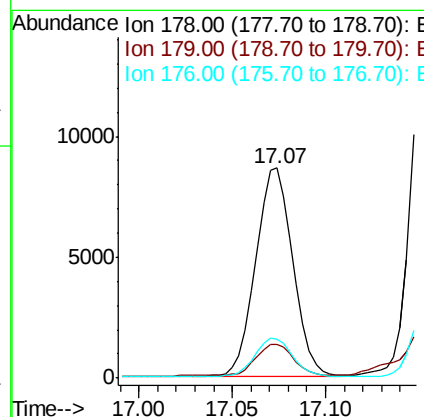
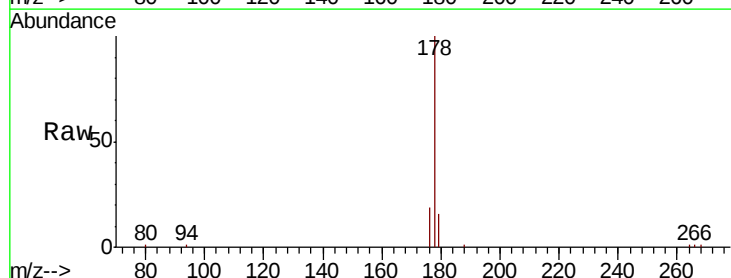
RT: 17.07 min Scan# 4595

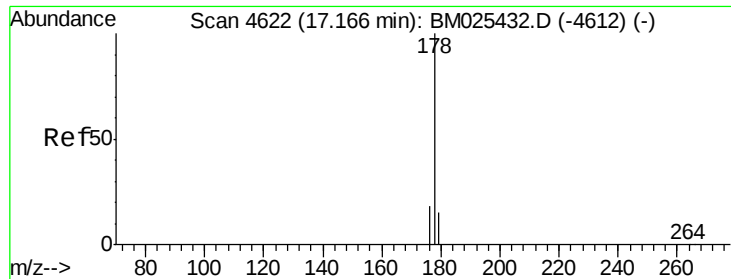
Delta R.T. -0.00 min

Lab File: BM025445.D

Acq: 10 Mar 2020 10:31

Tgt Ion:	178	Resp:	11986
Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.4	18.6
176	18.6	14.8	22.2





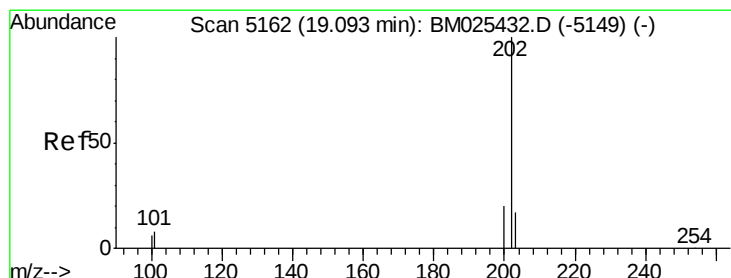
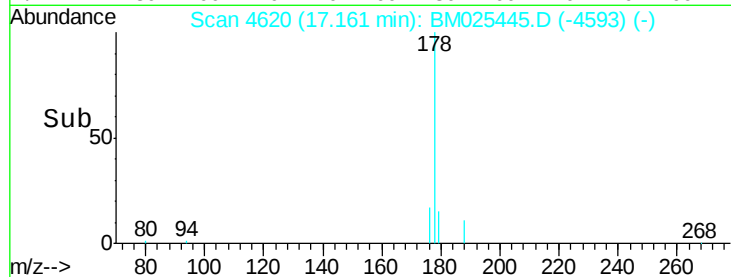
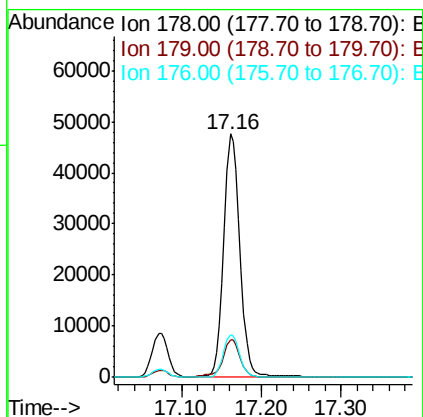
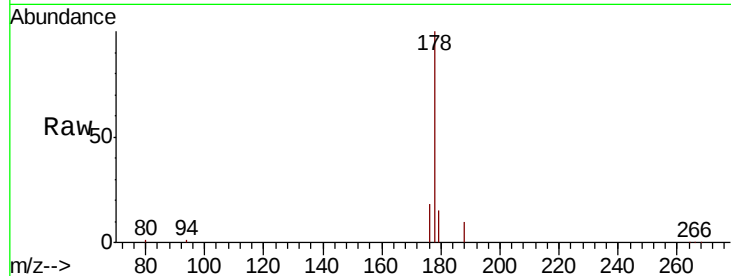
#13
 Anthracene
 Concen: 1.174 ng/ul
 RT: 17.16 min Scan# 4620
 Delta R.T. -0.01 min
 Lab File: BM025445.D
 Acq: 10 Mar 2020 10:31

Instrument :
 BNA_M
 ClientSampleId :
 DBDM0

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	18.8
176	17.8	14.5	21.7

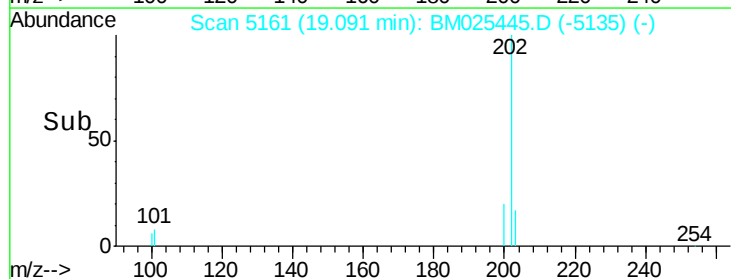
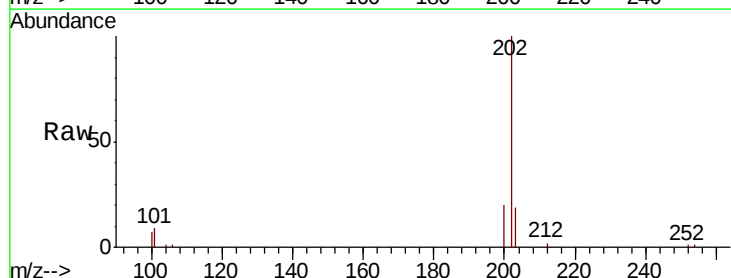
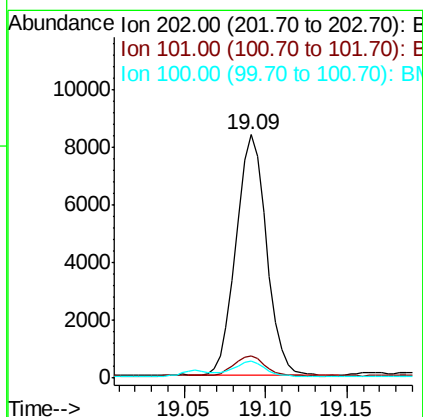
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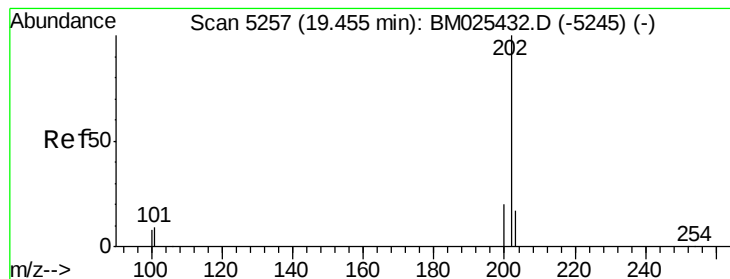
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#15
 Fluoranthene
 Concen: 0.151 ng/ul
 RT: 19.09 min Scan# 5161
 Delta R.T. -0.00 min
 Lab File: BM025445.D
 Acq: 10 Mar 2020 10:31

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	27.5
100	7.0	0.0	26.0





#17

Pvrene

Concen: 0.342 ng/ul

RT: 19.45 min Scan# 5256

Delta R.T. -0.00 min

Lab File: BM025445.D

Acq: 10 Mar 2020 10:31

Instrument :

BNA_M

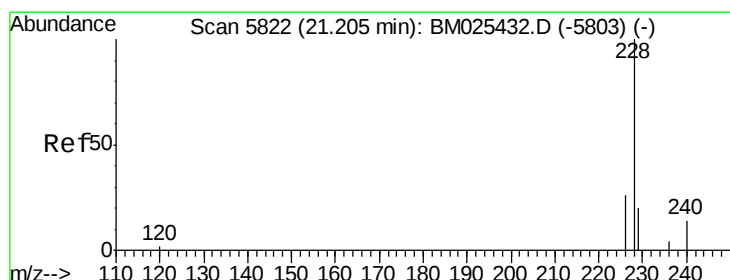
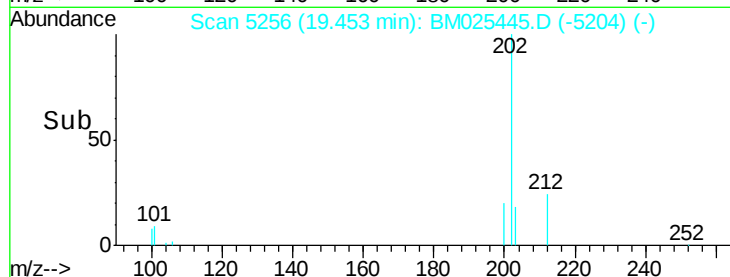
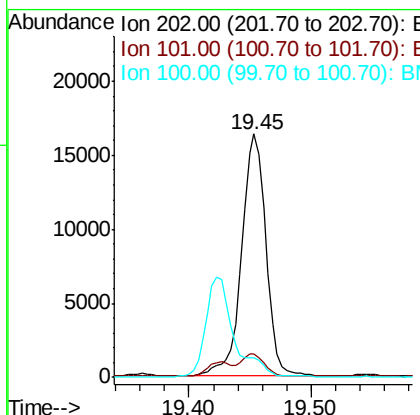
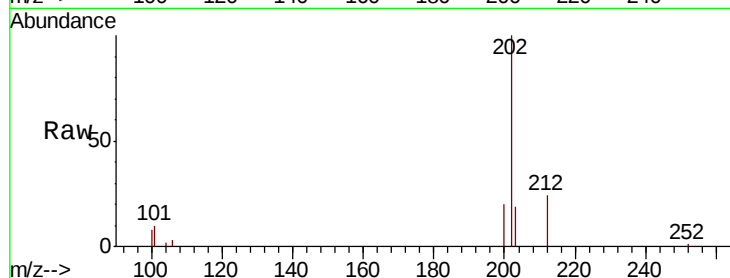
ClientSampleId :

DBDM0

Tot Ion:	202	Resp:	22529
Ion Ratio	Lower	Upper	
202	100		
101	9.7	7.1	10.7
100	8.0	6.0	9.0

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#18

Benzo(a)anthracene

Concen: 0.934 ng/ul

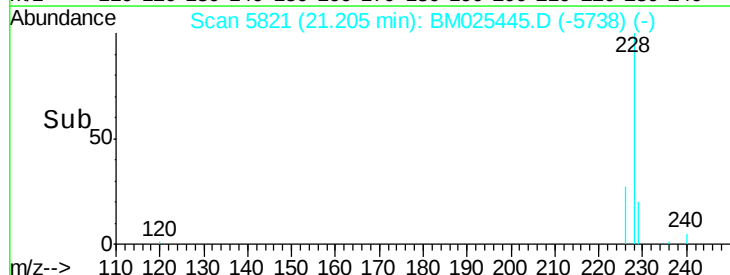
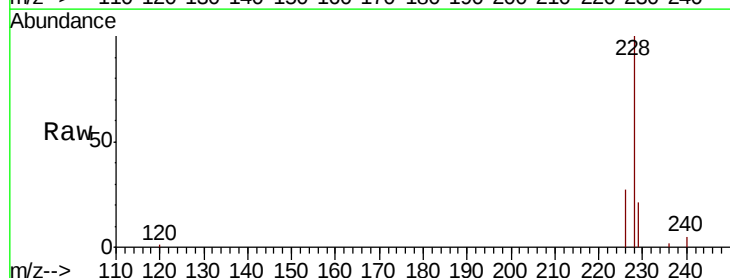
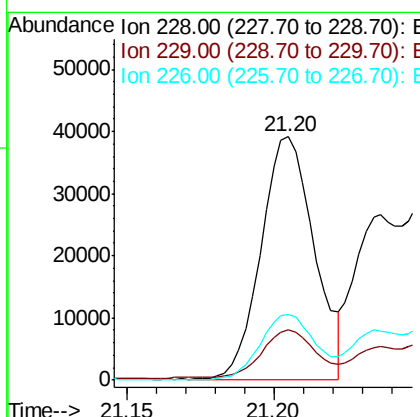
RT: 21.20 min Scan# 5821

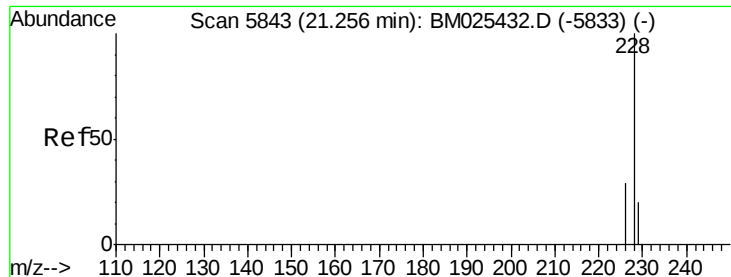
Delta R.T. -0.00 min

Lab File: BM025445.D

Acq: 10 Mar 2020 10:31

Tgt Ion:	228	Resp:	48974
Ion Ratio	Lower	Upper	
228	100		
229	20.8	15.6	23.4
226	27.2	21.1	31.7





#19

Chrysene

Concen: 0.594 ng/ul

RT: 21.26 min Scan# 5842

Delta R.T. -0.00 min

Lab File: BM025445.D

Acq: 10 Mar 2020 10:31

Instrument :

BNA_M

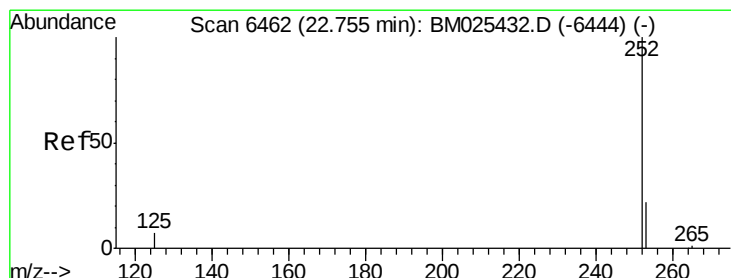
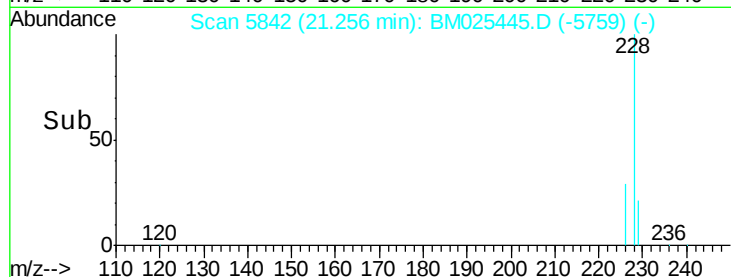
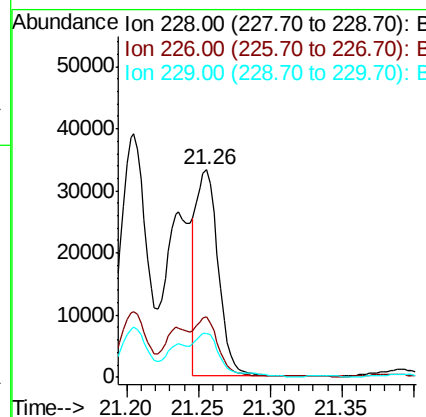
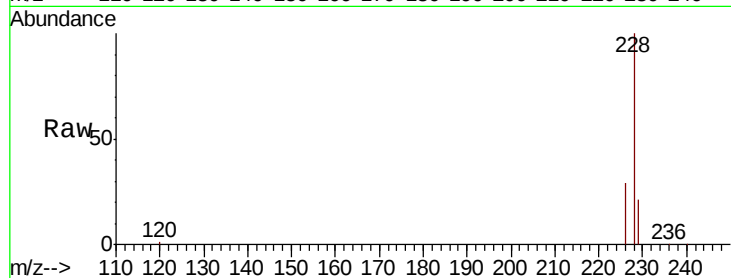
ClientSampled :

DBDM0

Tot Ion:	228	Resp:	34968
Ion Ratio	Lower	Upper	
228	100		
226	29.0	23.6	35.4
229	21.4	16.3	24.5

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#21

Benzo(b)fluoranthene

Concen: 2.603 ng/ul m

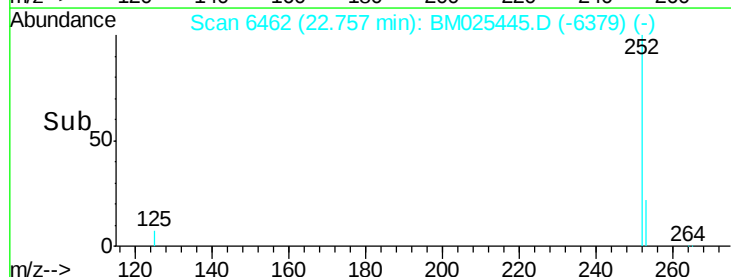
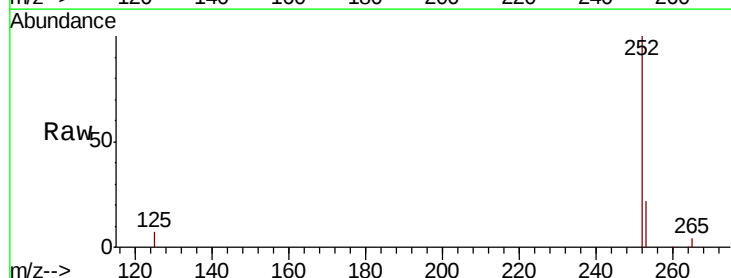
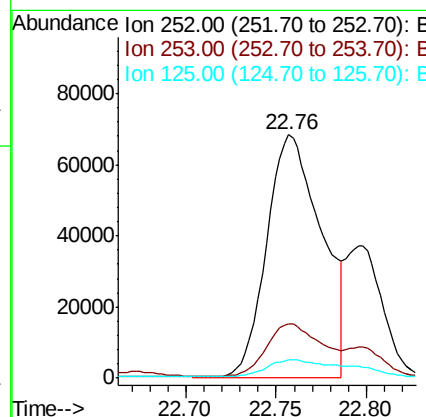
RT: 22.76 min Scan# 6462

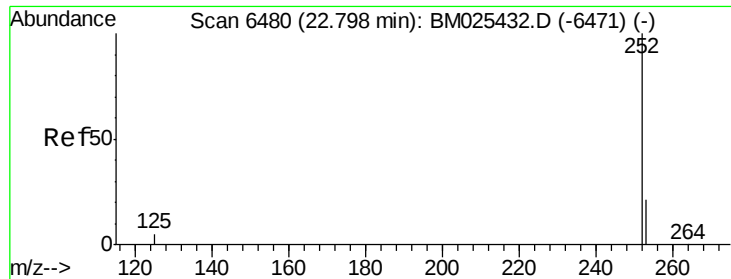
Delta R.T. 0.00 min

Lab File: BM025445.D

Acq: 10 Mar 2020 10:31

Tgt Ion:	252	Resp:	145682
Ion Ratio	Lower	Upper	
252	100		
253	22.4	0.0	50.2
125	7.3	0.0	17.6





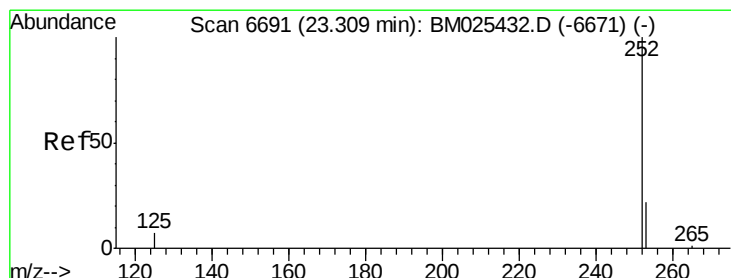
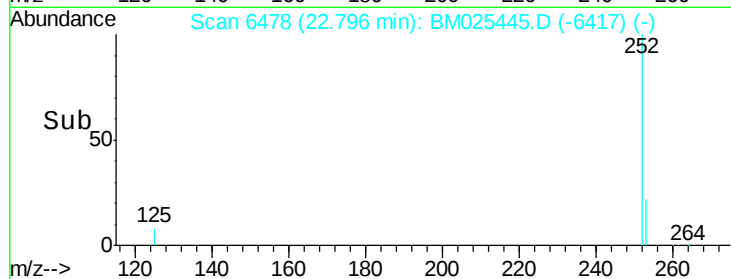
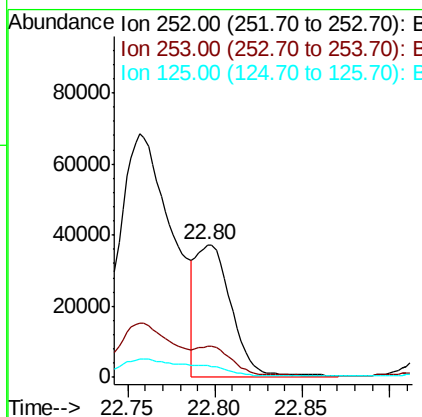
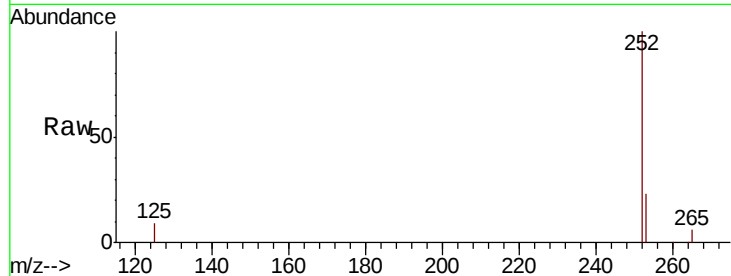
#22
Benzo(k)fluoranthene
Concen: 0.927 ng/ul m
RT: 22.80 min Scan# 6478
Delta R.T. -0.00 min
Lab File: BM025445.D
Acq: 10 Mar 2020 10:31

Instrument :
BNA_M
ClientSampleId :
DBDM0

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.8	29.8
125	9.0	7.1	10.7

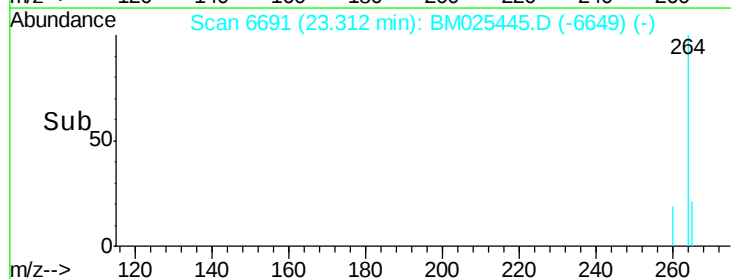
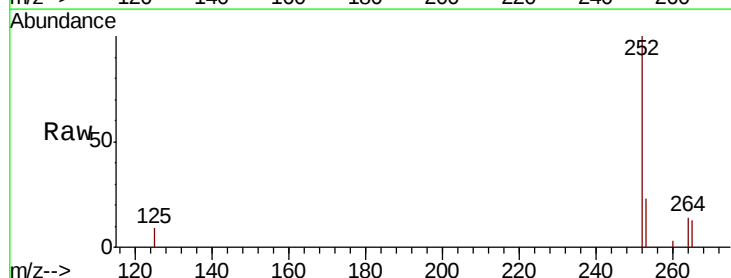
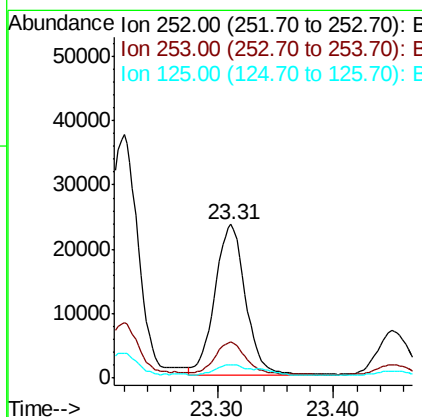
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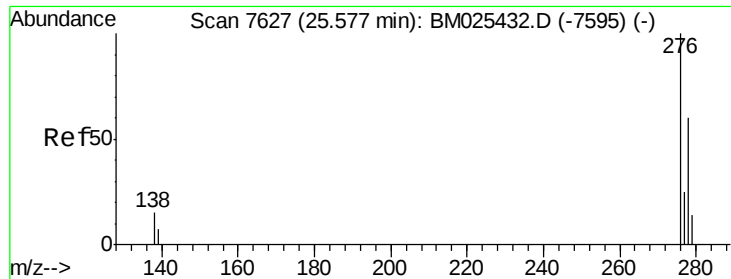
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#23
Benzo(a)pyrene
Concen: 0.916 ng/ul
RT: 23.31 min Scan# 6691
Delta R.T. 0.00 min
Lab File: BM025445.D
Acq: 10 Mar 2020 10:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	21.3	31.9
125	8.8	8.5	12.7





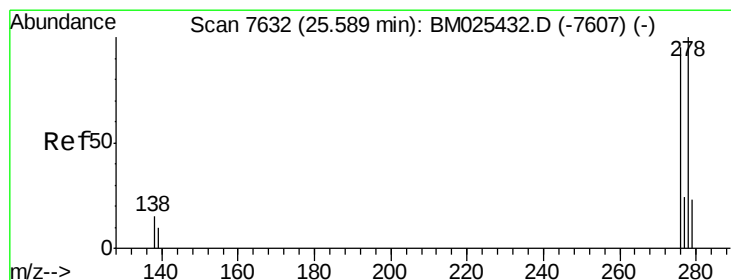
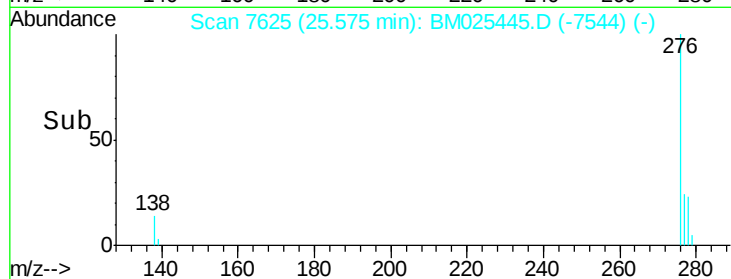
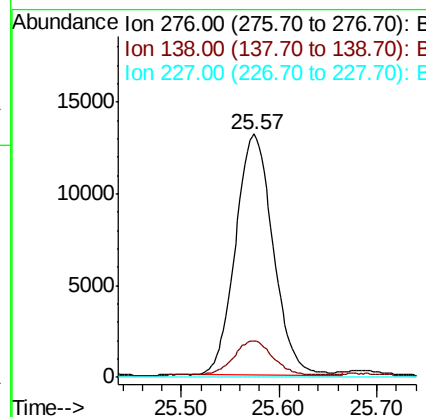
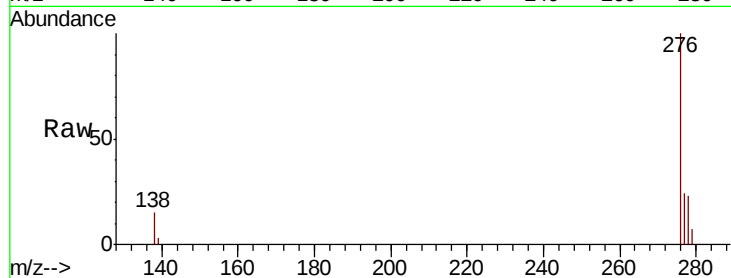
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.557 ng/ul
RT: 25.57 min Scan# 7625
Delta R.T. -0.00 min
Lab File: BM025445.D
Acq: 10 Mar 2020 10:31

Instrument :
BNA_M
ClientSampleId :
DBDM0

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.6	12.3	18.5
227	0.0	0.0	0.0

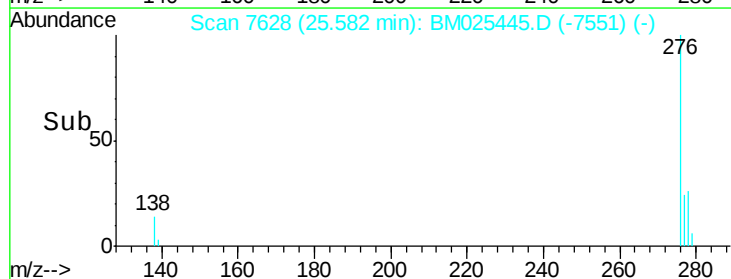
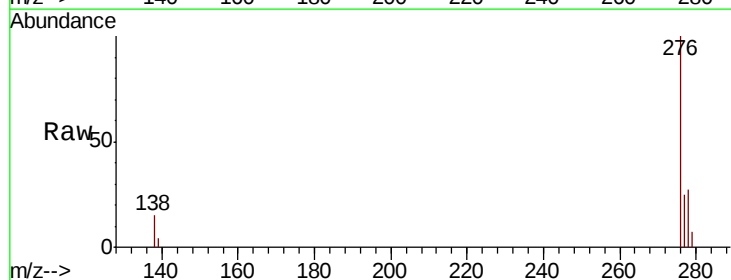
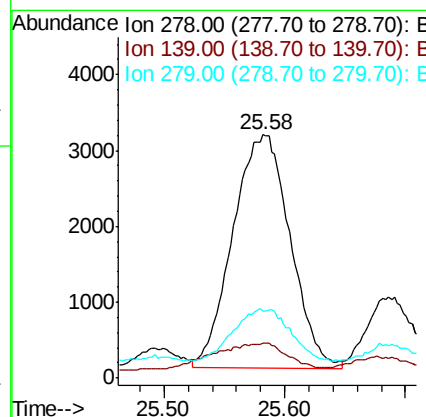
Manual Integrations
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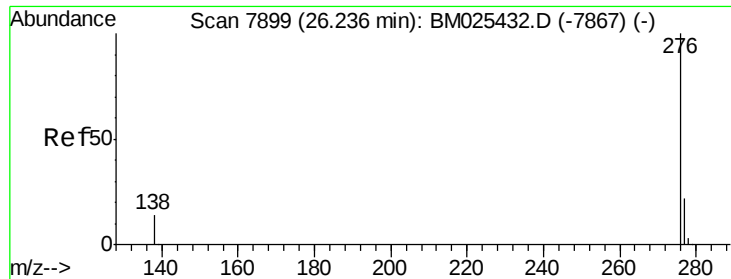
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#25
Dibenzo(a,h)anthracene
Concen: 0.191 ng/ul
RT: 25.58 min Scan# 7628
Delta R.T. -0.01 min
Lab File: BM025445.D
Acq: 10 Mar 2020 10:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.3	9.0	13.6#
279	27.6	21.1	31.7





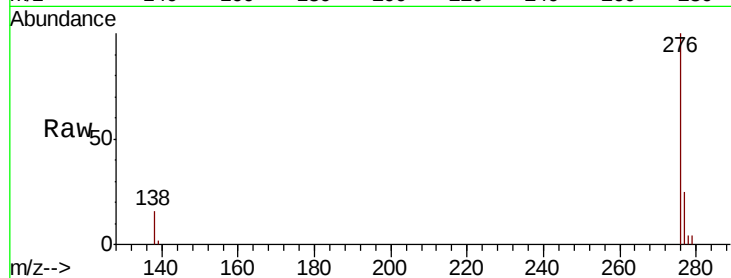
#26
 Benzo(a,h,i)perylene
 Concen: 0.327 ng/ul
 RT: 26.24 min Scan# 7899
 Delta R.T. -0.00 min
 Lab File: BM025445.D
 Acq: 10 Mar 2020 10:31

Instrument :
 BNA_M
 ClientSampleId :
 DBDM0

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.1	11.0	16.4
277	24.9	19.8	29.6

Manual Integrations
 APPROVED

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

