

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022720\
 Data File : BM025114.D
 Acq On : 27 Feb 2020 21:39
 Operator : CG/JU
 Sample : L1582-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBDJ7

Manual Integrations
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Quant Time: Feb 28 05:07:07 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	2955	0.40	ng/ul	0.00
2) Naphthalene-d8	10.48	136	9530m	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	22404m	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.06	188	18389m	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	19322m	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	17533m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	8377m	0.47	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	20058m	0.32	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.52	128	81795057	2819.535	ng/ul#	87
5) 2-Methylnaphthalene	12.15	142	23494372m	1122.352	ng/ul	
7) Acenaphthylene	14.04	152	362214m	2.804	ng/ul	
8) Acenaphthene	14.40	153	15970173m	184.012	ng/ul	
9) Fluorene	15.38	166	8737067m	80.227	ng/ul	
11) Pentachlorophenol	16.72	266	149m	0.027	ng/ul	
12) Phenanthrene	17.11	178	10521488m	162.668	ng/ul	
13) Anthracene	17.19	178	348506m	5.559	ng/ul	
15) Fluoranthene	19.12	202	982510m	10.457	ng/ul	
17) Pyrene	19.48	202	588341m	6.758	ng/ul	
18) Benzo(a)anthracene	21.23	228	3380m	0.041	ng/ul	

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

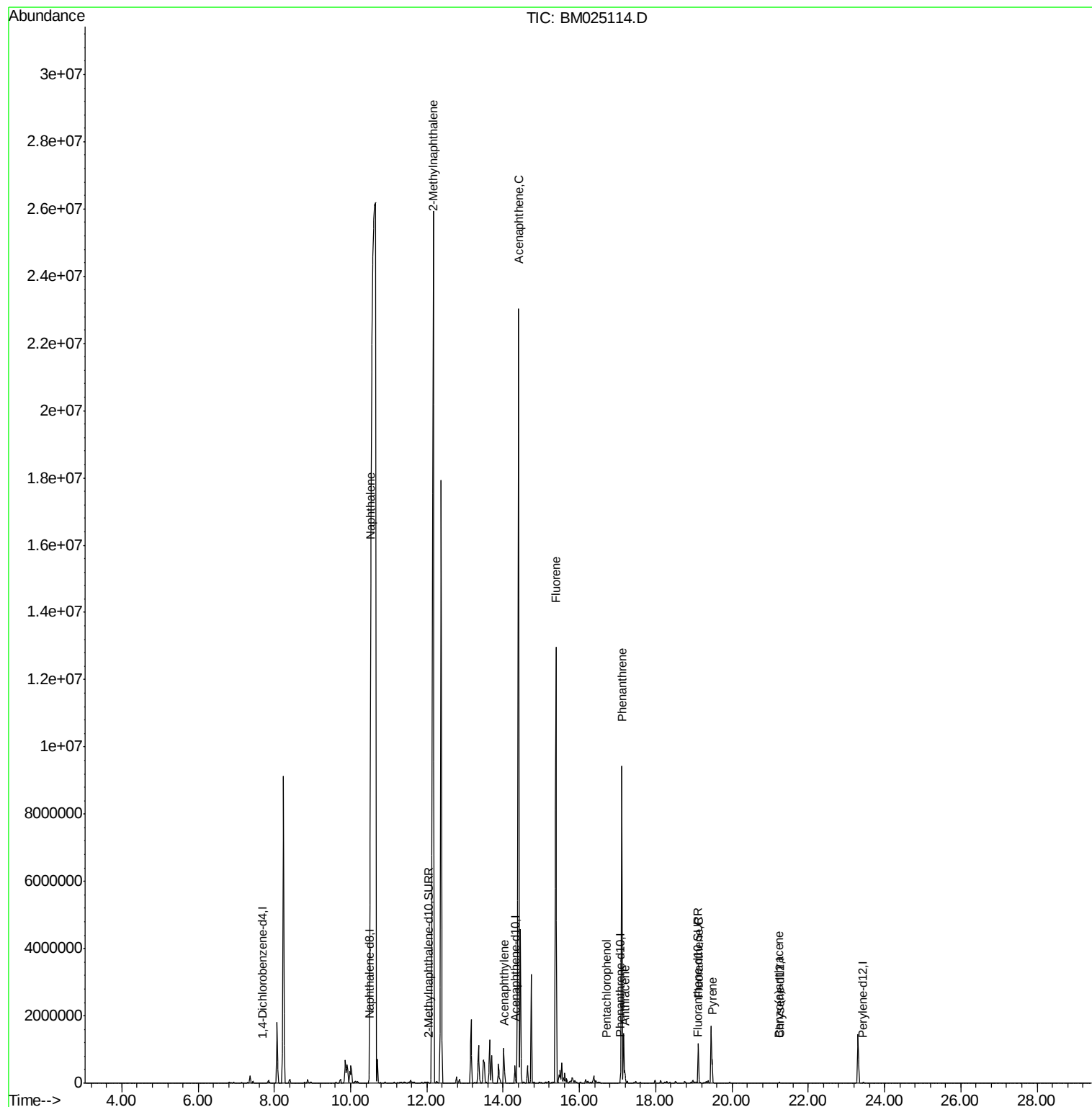
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022720\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

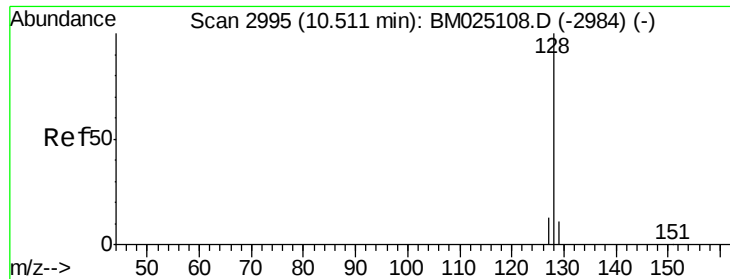
Instrument :
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Quant Time: Feb 28 05:07:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
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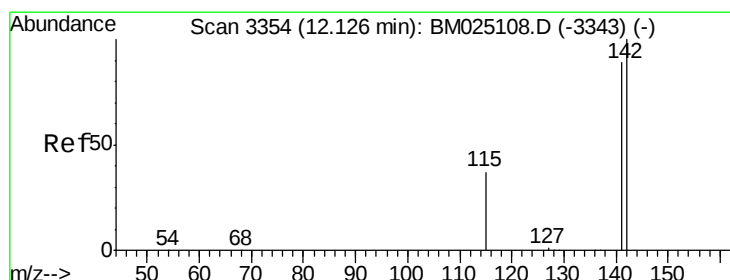
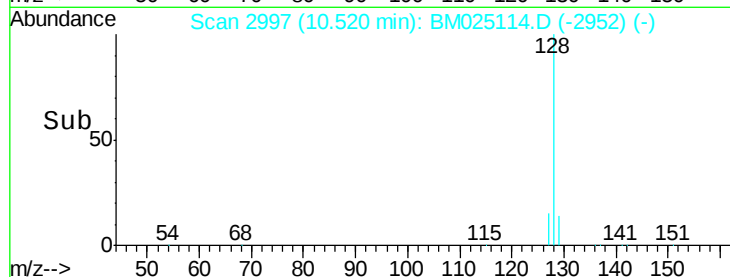
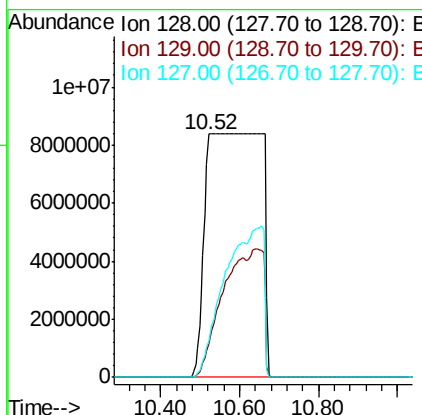
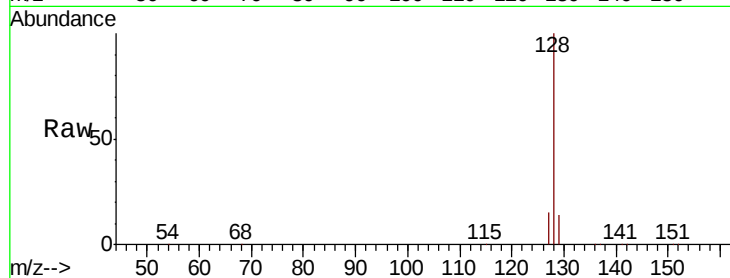
#3
Naphthalene
Concen: 2819.535 ng/ul
RT: 10.52 min Scan# 2997
Delta R.T. 0.00 min
Lab File: BM025114.D
Acq: 27 Feb 2020 21:39

Instrument :
BNA_M
ClientSampleId :
DBDJ7

Tot Ion:128 Resp:81795057
Ion Ratio Lower Upper
128 100
129 13.8 17.0 25.6#
127 15.1 15.7 23.5#

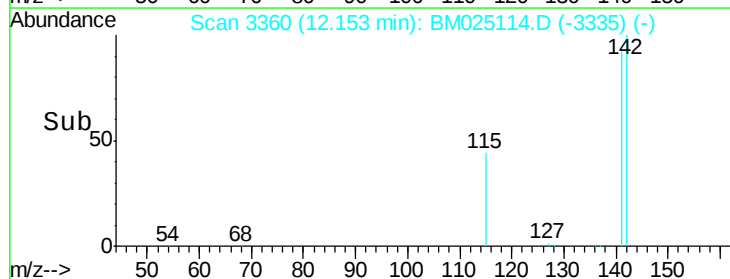
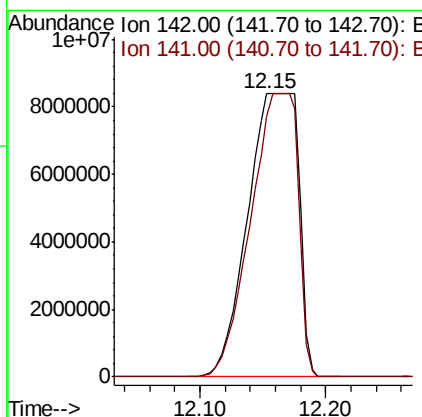
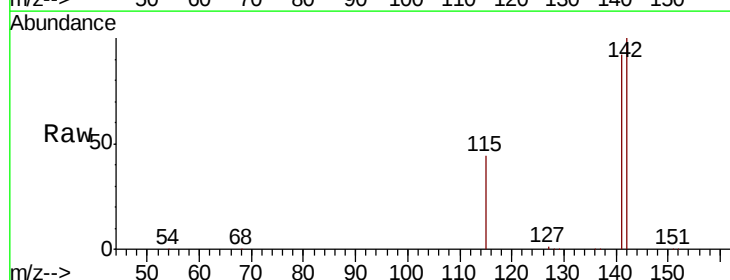
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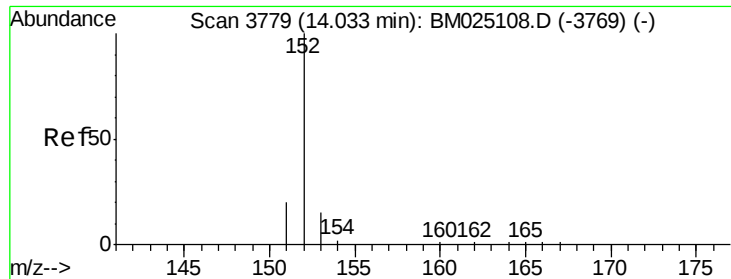
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#5
2-Methylnaphthalene
Concen: 1122.352 ng/ul m
RT: 12.15 min Scan# 3360
Delta R.T. 0.01 min
Lab File: BM025114.D
Acq: 27 Feb 2020 21:39

Tgt Ion:142 Resp:23494372
Ion Ratio Lower Upper
142 100
141 53.9 69.8 104.8#





#7

Acenaphthylene

Concen: 2.804 ng/ul m

RT: 14.04 min Scan# 3780

Delta R.T. -0.01 min

Lab File: BM025114.D

Acq: 27 Feb 2020 21:39

Instrument :

BNA_M

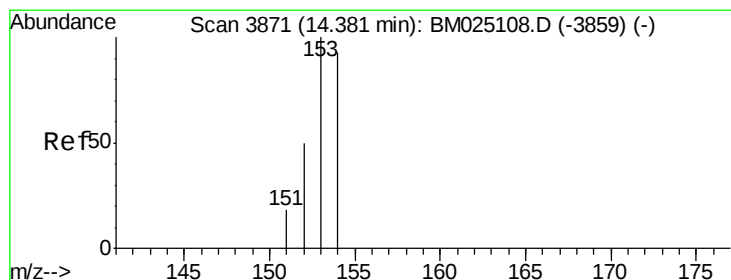
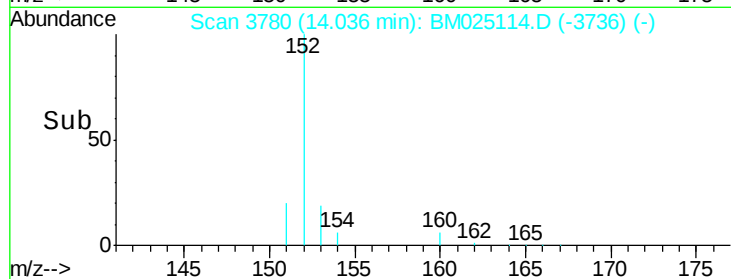
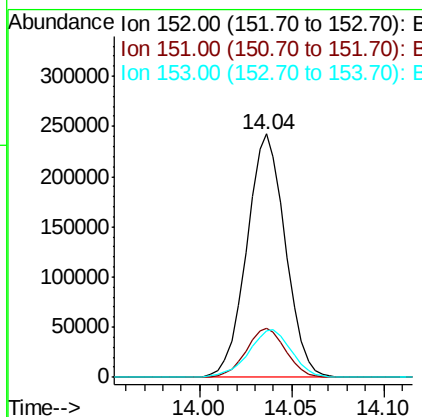
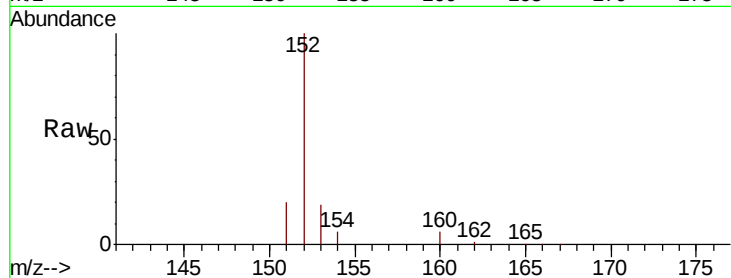
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
152	100		
151	20.1	17.8	26.8
153	19.1	13.3	19.9

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#8

Acenaphthene

Concen: 184.012 ng/ul m

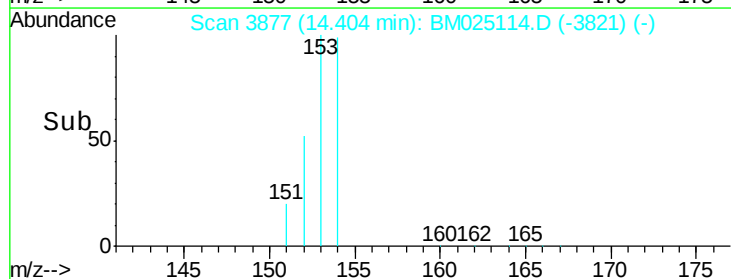
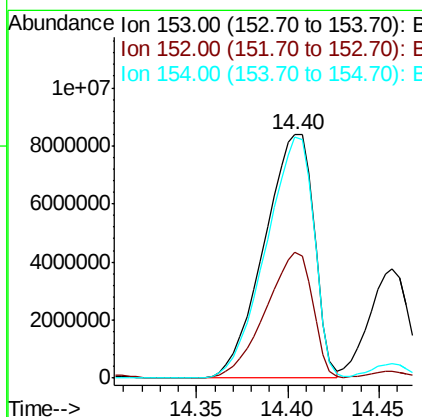
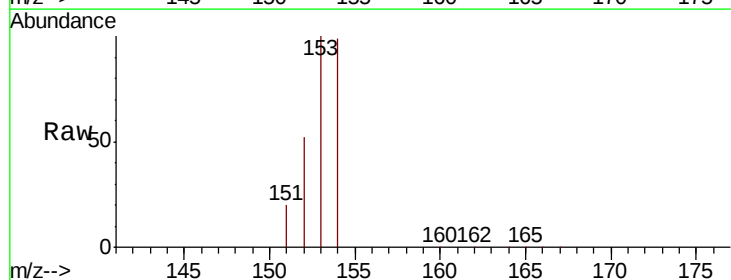
RT: 14.40 min Scan# 3877

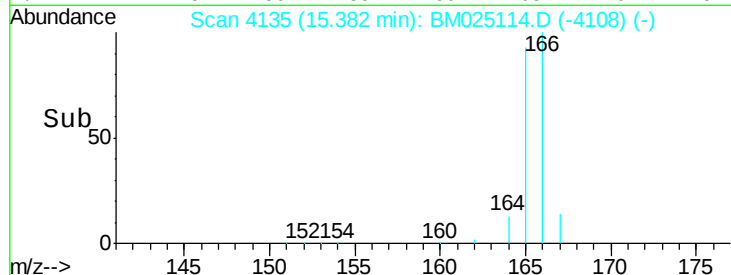
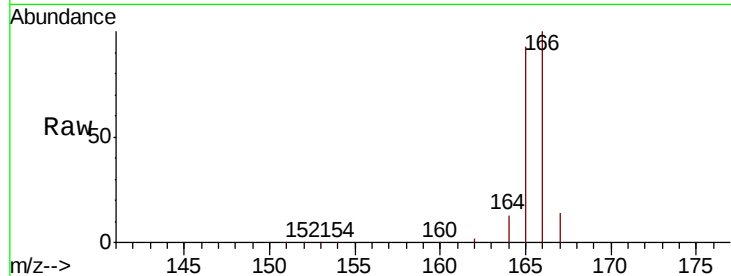
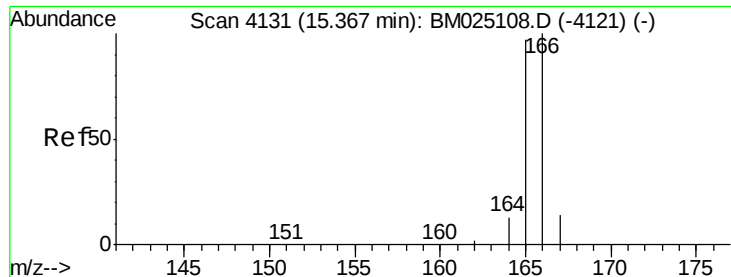
Delta R.T. 0.01 min

Lab File: BM025114.D

Acq: 27 Feb 2020 21:39

Tgt Ion	Ratio	Lower	Upper
153	100		
152	51.7	40.0	60.0
154	98.8	71.0	106.6





#9

Fluorene

Concen: 80.227 ng/ul m

RT: 15.38 min Scan# 4135

Delta R.T. 0.00 min

Lab File: BM025114.D

Acq: 27 Feb 2020 21:39

Instrument :

BNA_M

ClientSampleId :

DBDJ7

Tot Ion:166 Resp: 8737067

Ion Ratio Lower Upper

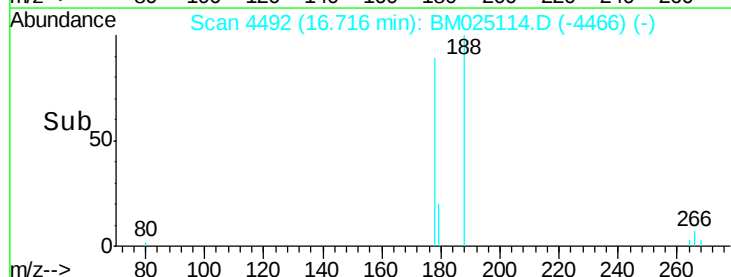
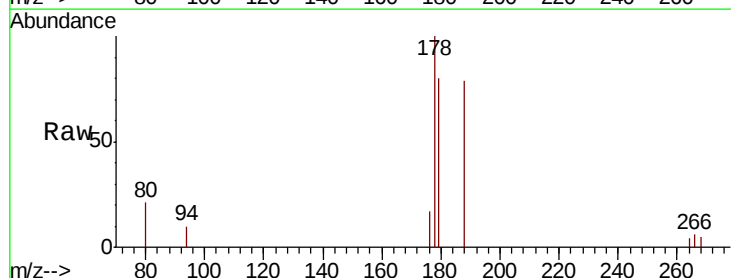
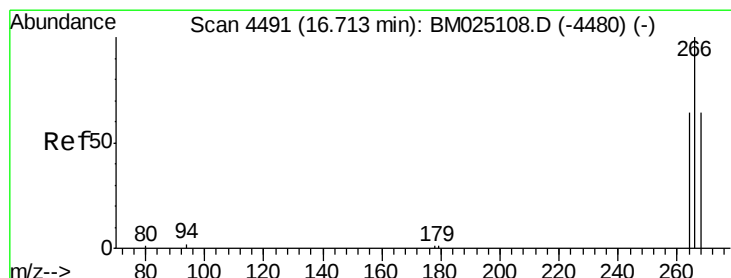
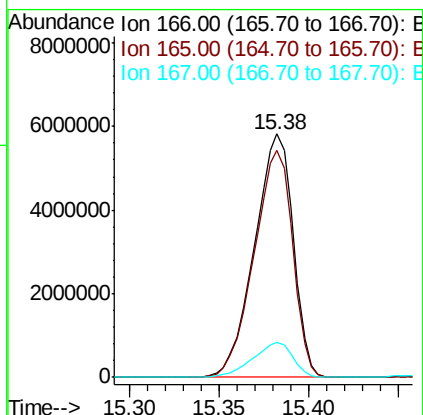
166 100

165 93.1 80.0 120.0

167 14.3 13.7 20.5

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#11

Pentachlorophenol

Concen: 0.027 ng/ul m

RT: 16.72 min Scan# 4492

Delta R.T. -0.01 min

Lab File: BM025114.D

Acq: 27 Feb 2020 21:39

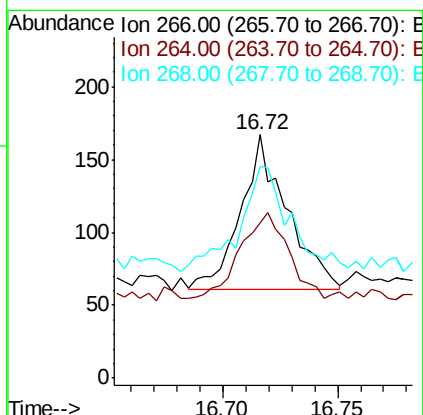
Tgt Ion:266 Resp: 149

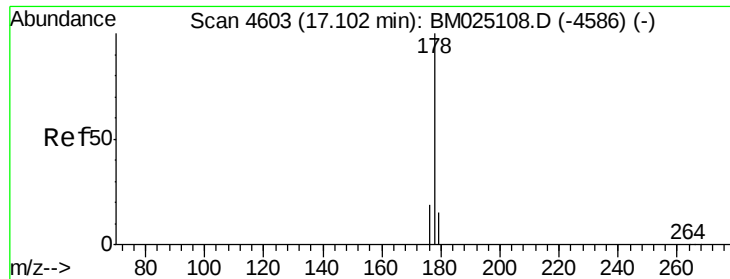
Ion Ratio Lower Upper

266 100

264 3.4 49.8 74.6#

268 24.8 49.0 73.4#





#12

Phenanthrene

Concen: 162.668 ng/ul m

RT: 17.11 min Scan# 4606

Delta R.T. 0.00 min

Lab File: BM025114.D

Acq: 27 Feb 2020 21:39

Instrument :

BNA_M

ClientSampleId :

DBDJ7

Tot Ion:178 Resp:10521488

Ion Ratio Lower Upper

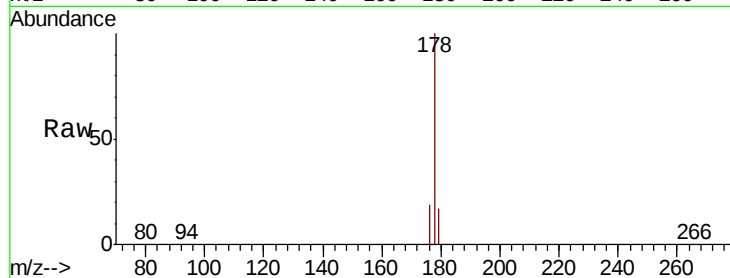
178 100

179 16.8 14.0 21.0

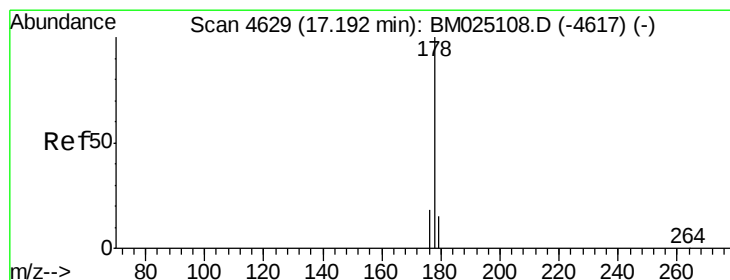
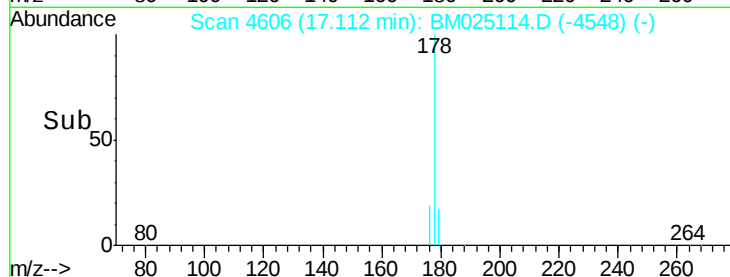
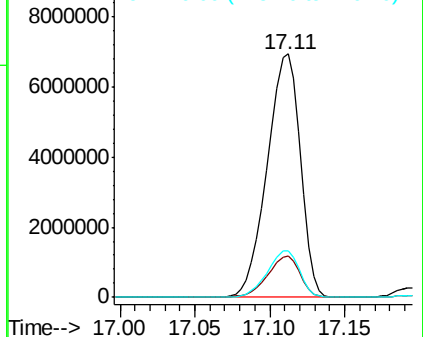
176 18.9 16.6 24.8

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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: 5.559 ng/ul m

RT: 17.19 min Scan# 4629

Delta R.T. -0.01 min

Lab File: BM025114.D

Acq: 27 Feb 2020 21:39

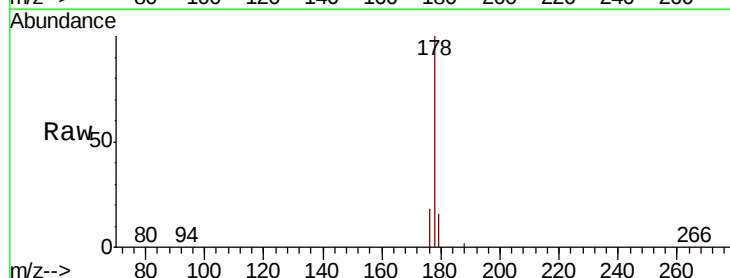
Tgt Ion:178 Resp: 348506

Ion Ratio Lower Upper

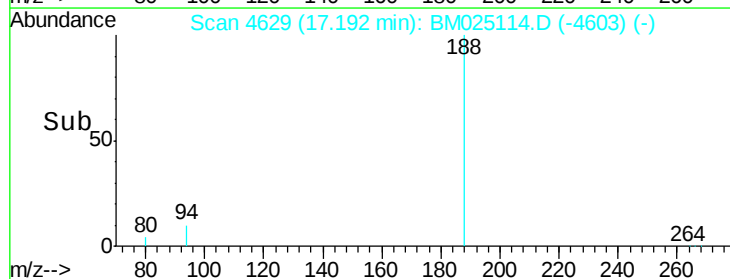
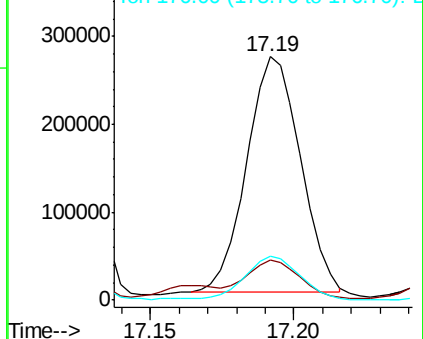
178 100

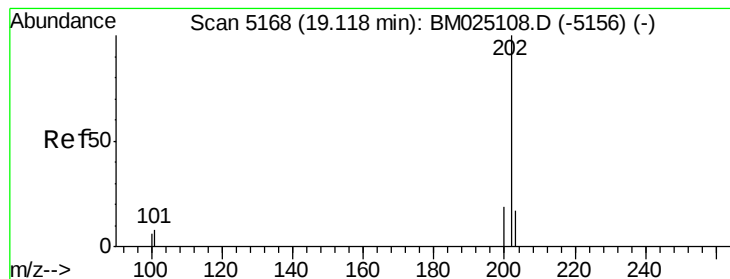
179 16.3 14.1 21.1

176 17.9 16.2 24.4



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





#15

Fluoranthene

Concen: 10.457 ng/ul m

RT: 19.12 min Scan# 5168

Delta R.T. -0.01 min

Lab File: BM025114.D

Acq: 27 Feb 2020 21:39

Instrument :

BNA_M

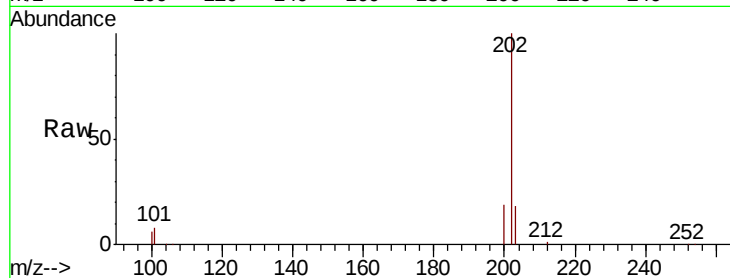
ClientSampleId :

DBDJ7

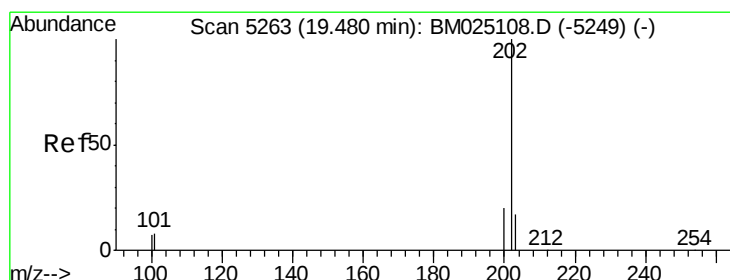
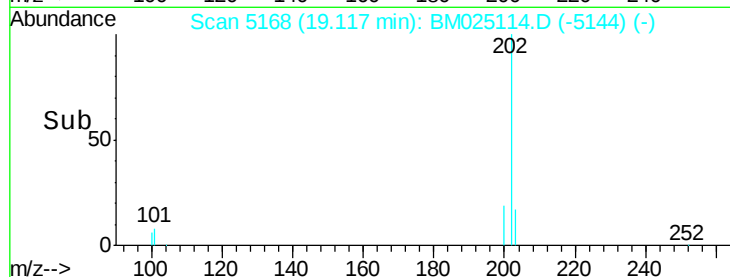
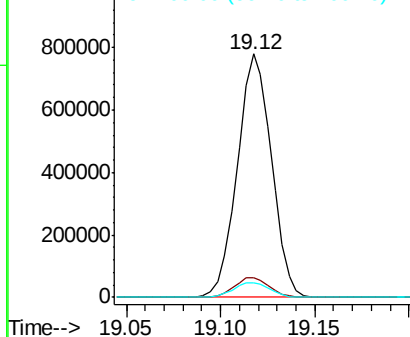
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.2	0.0	29.4
100	6.2	0.0	28.0

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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: 6.758 ng/ul m

RT: 19.48 min Scan# 5263

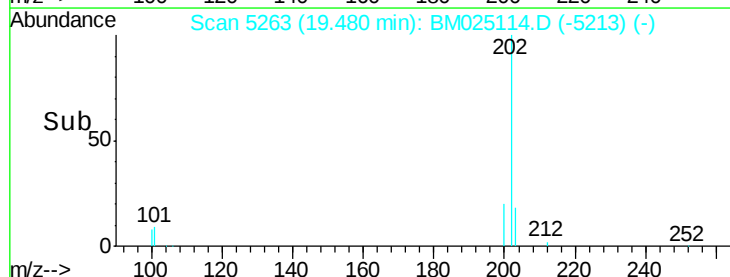
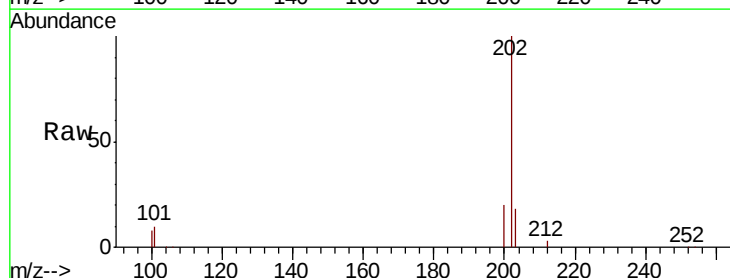
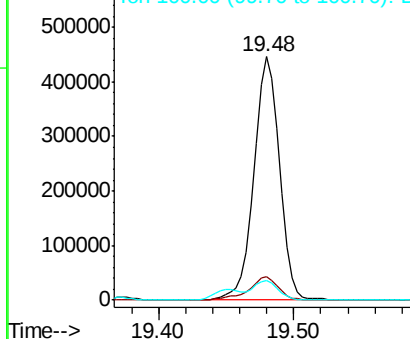
Delta R.T. -0.01 min

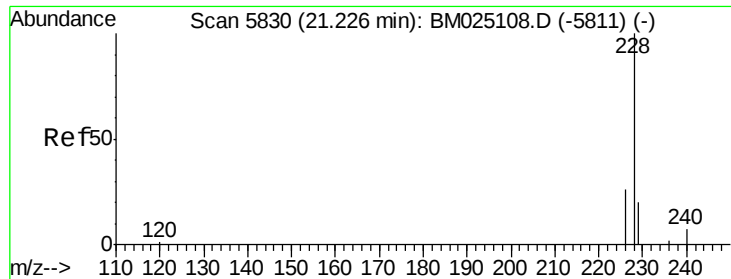
Lab File: BM025114.D

Acq: 27 Feb 2020 21:39

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	9.6	8.7	13.1
100	7.9	7.3	10.9

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: 0.041 ng/ul m
 RT: 21.23 min Scan# 5830
 Delta R.T. -0.01 min
 Lab File: BM025114.D
 Acq: 27 Feb 2020 21:39

Instrument :
 BNA_M
 ClientSampleId :
 DBDJ7

Tot Ion	Ratio	Lower	Upper
228	100		
229	25.6	16.6	25.0#
226	37.5	21.9	32.9#

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