

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022720\
 Data File : BM025116.D
 Acq On : 27 Feb 2020 22:51
 Operator : CG/JU
 Sample : L1582-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBDJ9

Manual Integrations
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Quant Time: Feb 28 05:50:00 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	5581	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	23099	0.40	ng/ul	0.04
6) Acenaphthene-d10	14.31	164	22903m	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.06	188	32750m	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	33068m	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	33279m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	7518	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	18380m	0.16	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.52	128	61141976	869.540	ng/ul#	87
5) 2-Methylnaphthalene	12.15	142	17716448	349.174	ng/ul	100
7) Acenaphthylene	14.04	152	131757	0.998	ng/ul#	88
8) Acenaphthene	14.40	153	10585338	119.309	ng/ul	95
9) Fluorene	15.37	166	4923350m	44.223	ng/ul	
12) Phenanthrene	17.11	178	5697140	49.457	ng/ul	96
13) Anthracene	17.19	178	14095m	0.126	ng/ul	
15) Fluoranthene	19.11	202	18705m	0.112	ng/ul	
17) Pyrene	19.48	202	16449m	0.110	ng/ul	

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

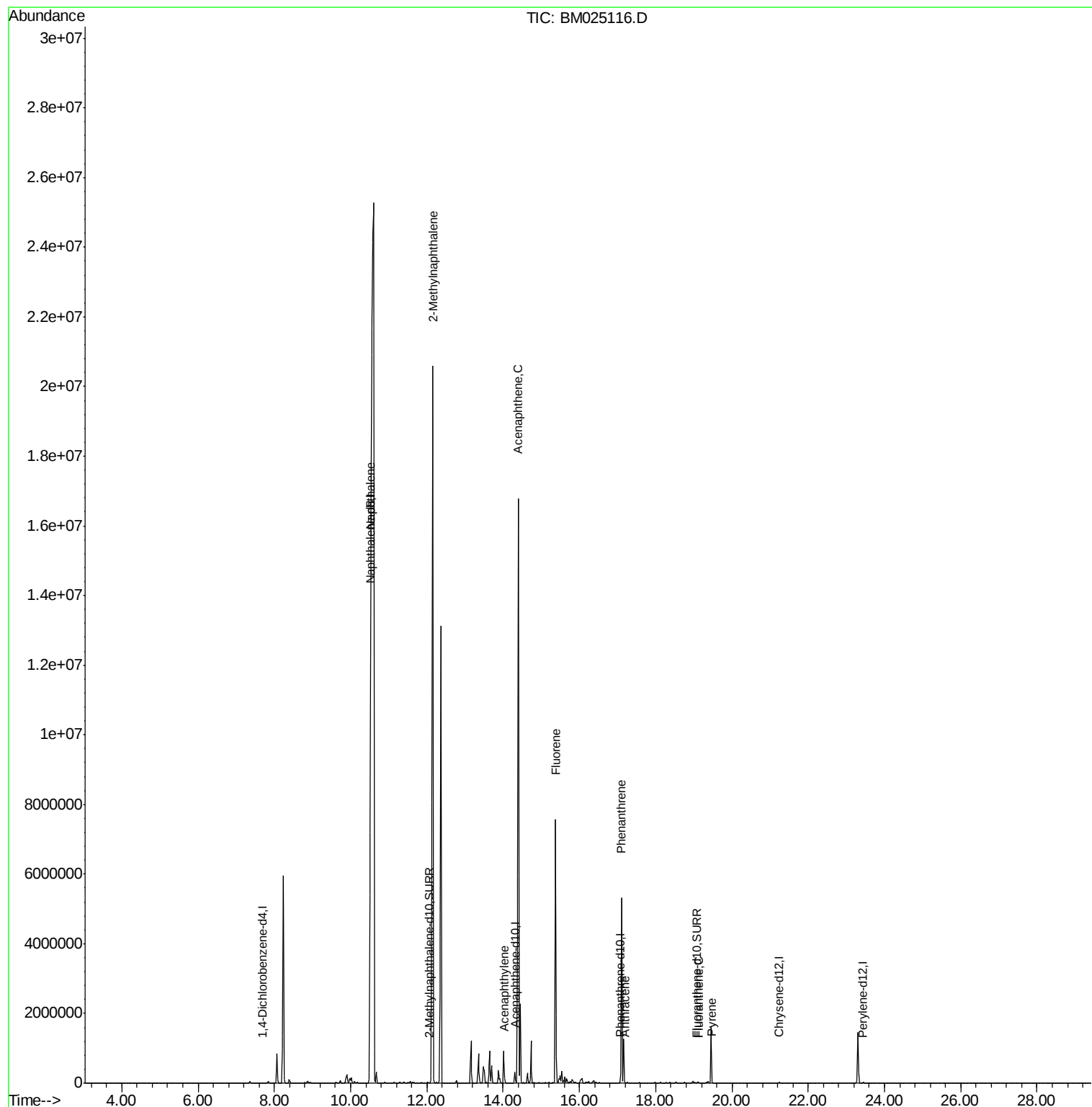
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ALS Vial : 13 Sample Multiplier: 1

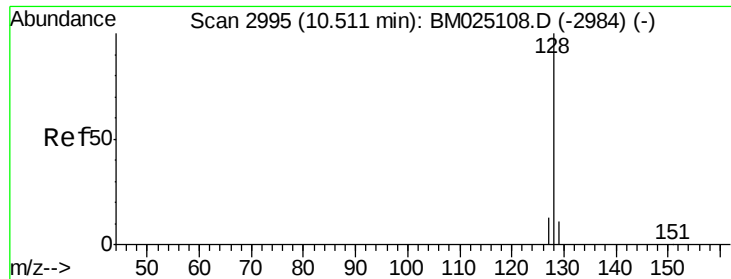
Instrument :
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Quant Time: Feb 28 05:50:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 25 11:03:43 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 869.540 ng/ul

RT: 10.52 min Scan# 2997

Delta R.T. 0.00 min

Lab File: BM025116.D

Acq: 27 Feb 2020 22:51

Instrument :

BNA_M

ClientSampleId :

DBDJ9

Tot Ion:128 Resp:61141976

Ion Ratio Lower Upper

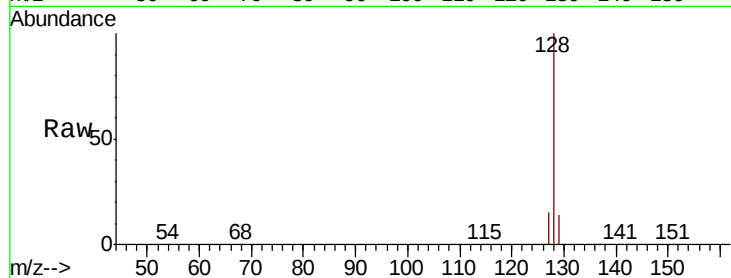
128 100

129 13.7 17.0 25.6#

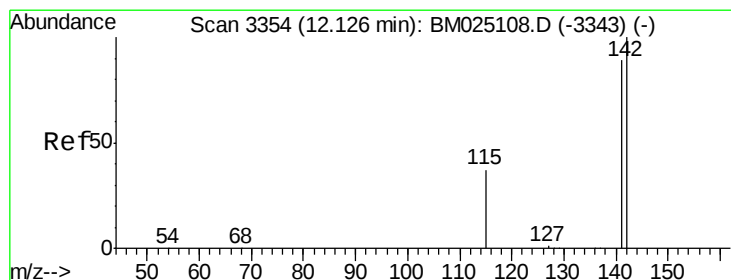
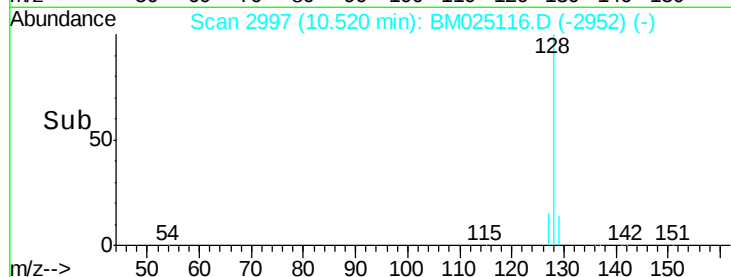
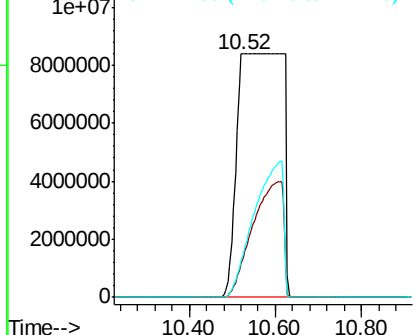
127 15.1 15.7 23.5#

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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



#5

2-Methylnaphthalene

Concen: 349.174 ng/ul

RT: 12.15 min Scan# 3360

Delta R.T. 0.01 min

Lab File: BM025116.D

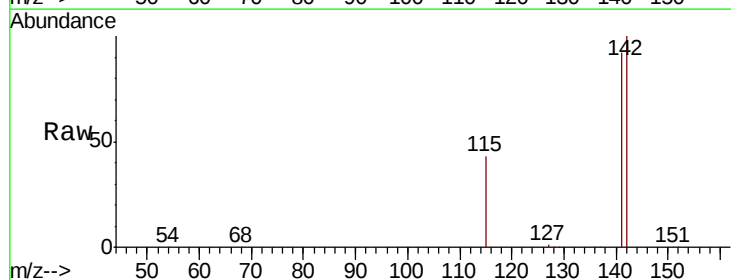
Acq: 27 Feb 2020 22:51

Tgt Ion:142 Resp:17716448

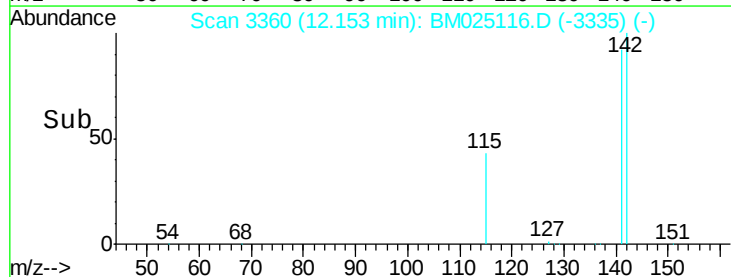
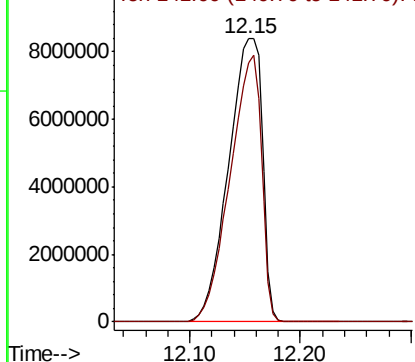
Ion Ratio Lower Upper

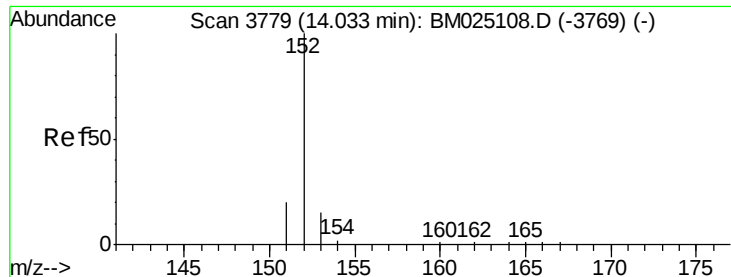
142 100

141 87.4 69.8 104.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.998 ng/ul

RT: 14.04 min Scan# 3780

Delta R.T. -0.01 min

Lab File: BM025116.D

Acq: 27 Feb 2020 22:51

Instrument :

BNA_M

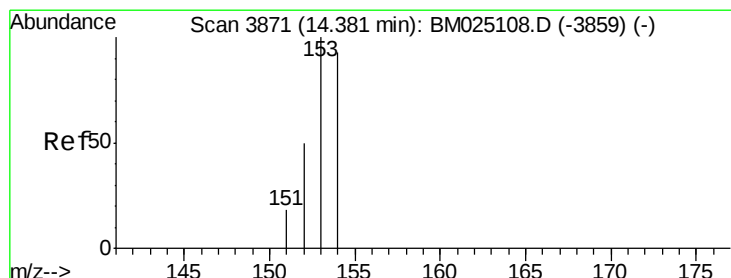
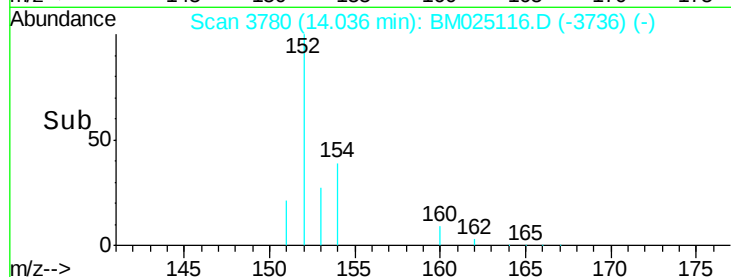
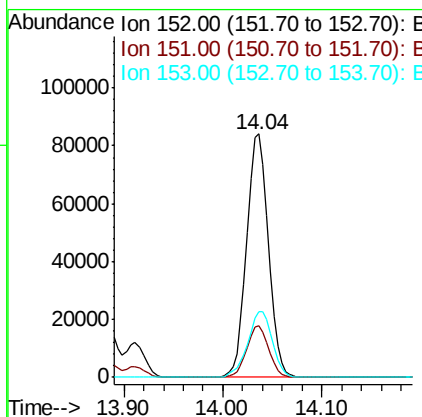
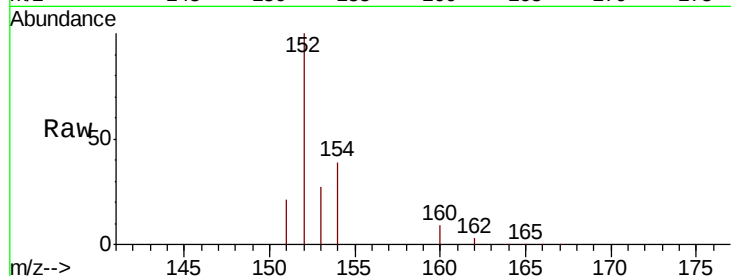
ClientSampleId :

DBDJ9

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.8	26.8
153	27.2	13.3	19.9

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#8

Acenaphthene

Concen: 119.309 ng/ul

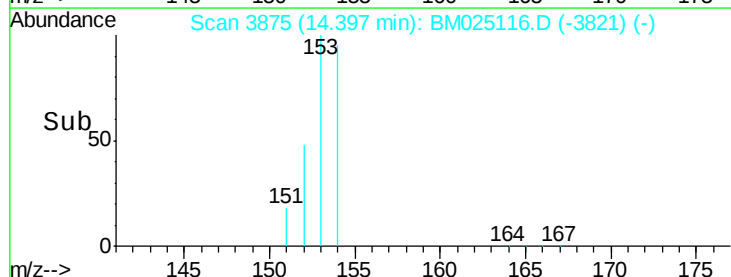
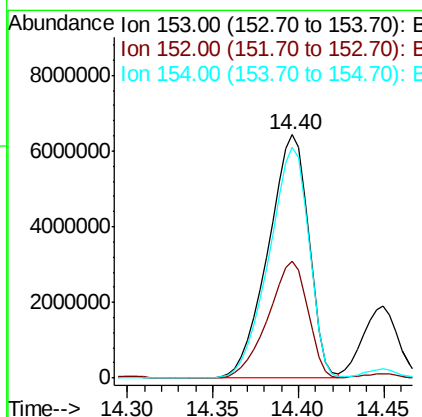
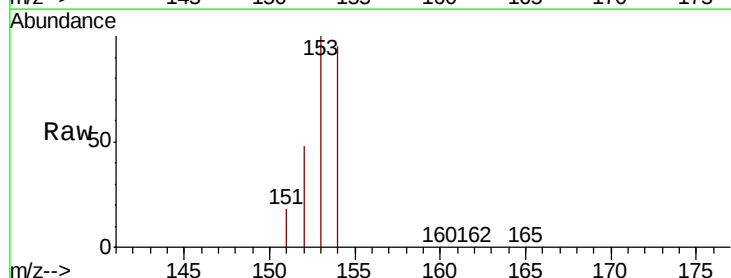
RT: 14.40 min Scan# 3875

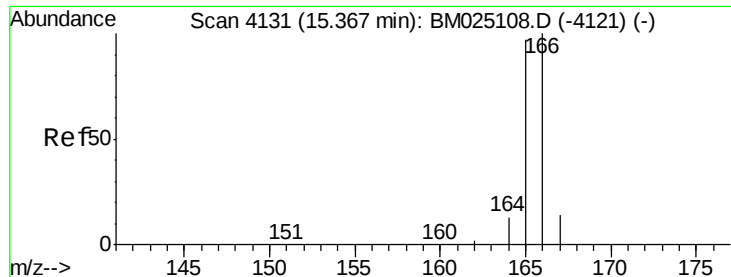
Delta R.T. 0.01 min

Lab File: BM025116.D

Acq: 27 Feb 2020 22:51

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.9	40.0	60.0
154	94.6	71.0	106.6





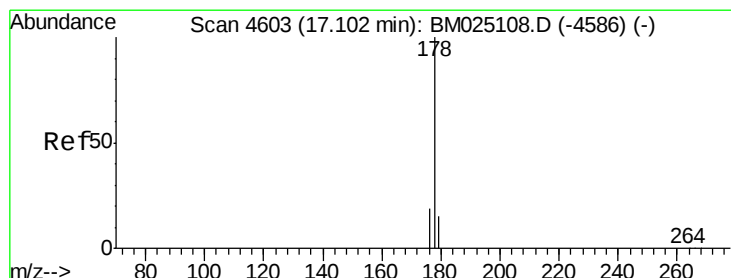
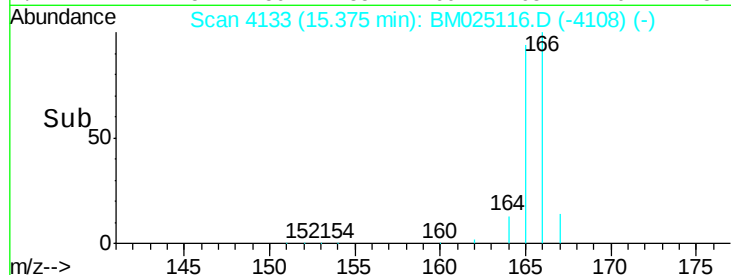
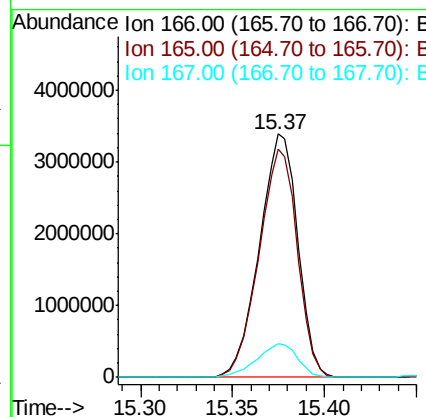
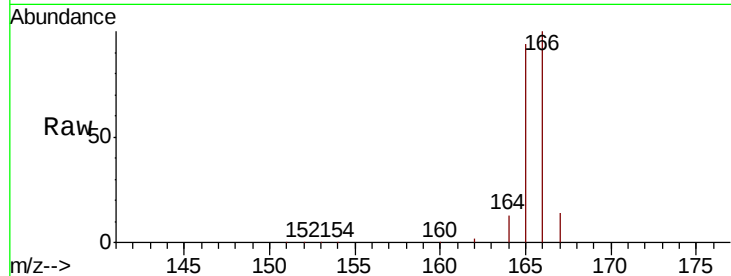
#9
Fluorene
 Concen: 44.223 ng/ul m
 RT: 15.37 min Scan# 4133
 Delta R.T. -0.01 min
 Lab File: BM025116.D
 Acq: 27 Feb 2020 22:51

Instrument :
 BNA_M
 ClientSampleId :
 DBDJ9

Tot Ion:166 Resp: 4923350
 Ion Ratio Lower Upper
 166 100
 165 94.0 80.0 120.0
 167 13.9 13.7 20.5

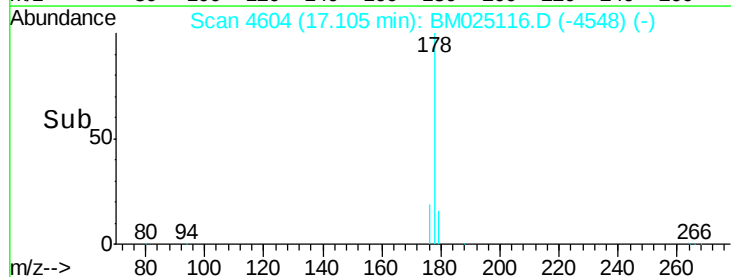
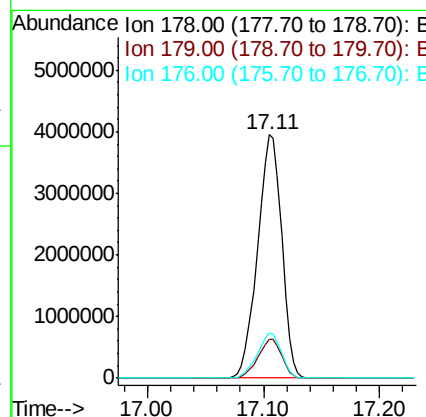
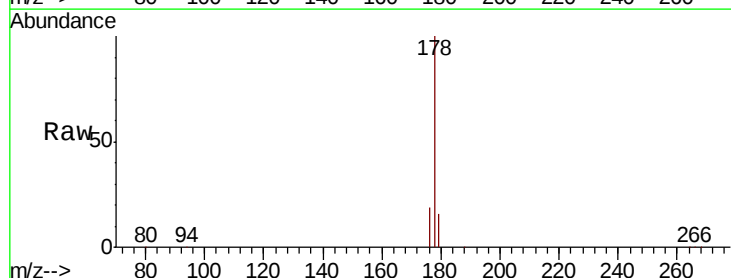
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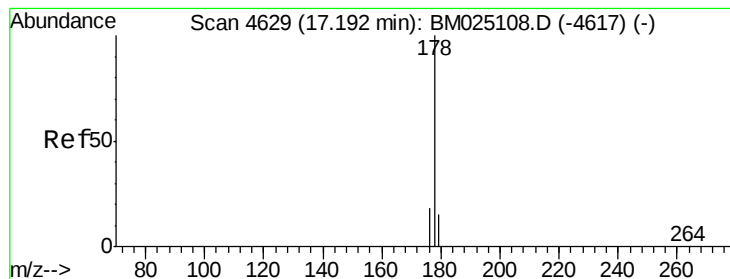
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#12
Phenanthrene
 Concen: 49.457 ng/ul
 RT: 17.11 min Scan# 4604
 Delta R.T. -0.01 min
 Lab File: BM025116.D
 Acq: 27 Feb 2020 22:51

Tgt Ion:178 Resp: 5697140
 Ion Ratio Lower Upper
 178 100
 179 15.9 14.0 21.0
 176 18.6 16.6 24.8





#13

Anthracene

Concen: 0.126 ng/ul m

RT: 17.19 min Scan# 4629

Delta R.T. -0.01 min

Lab File: BM025116.D

Acq: 27 Feb 2020 22:51

Instrument :

BNA_M

ClientSampleId :

DBDJ9

Tot Ion:178 Resp: 14095

Ion Ratio Lower Upper

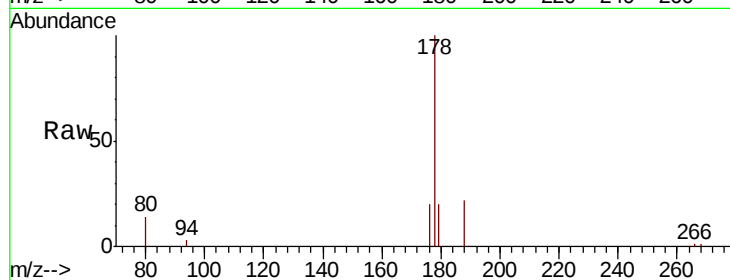
178 100

179 19.9 14.1 21.1

176 20.1 16.2 24.4

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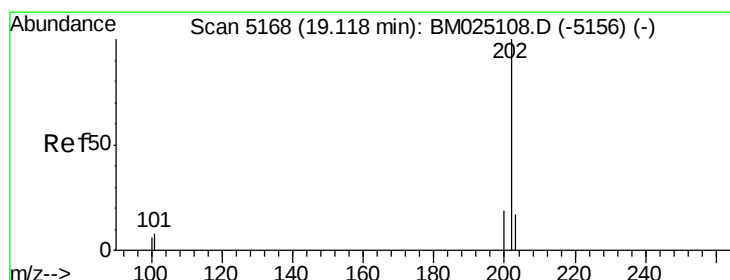
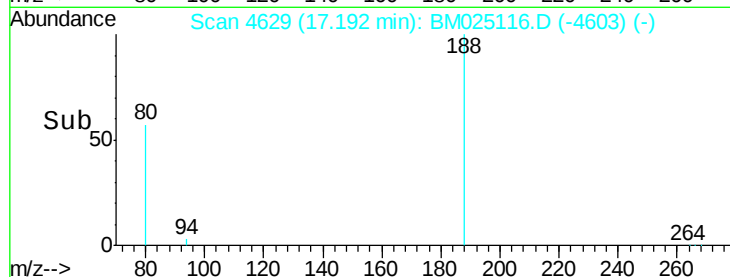
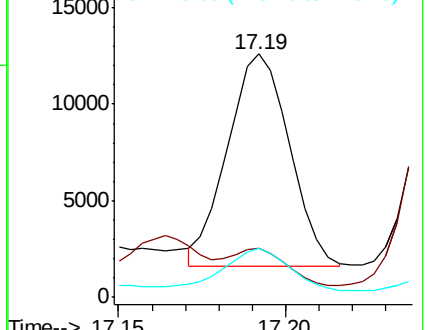
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 0.112 ng/ul m

RT: 19.11 min Scan# 5167

Delta R.T. -0.01 min

Lab File: BM025116.D

Acq: 27 Feb 2020 22:51

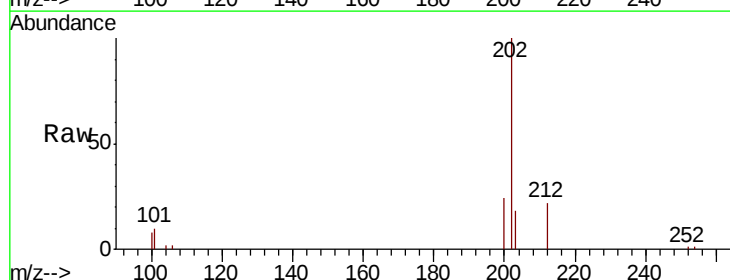
Tgt Ion:202 Resp: 18705

Ion Ratio Lower Upper

202 100

101 10.4 0.0 29.4

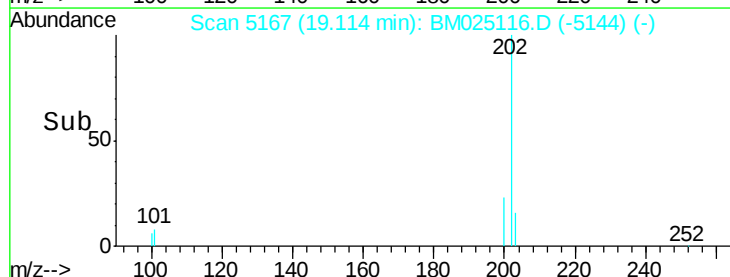
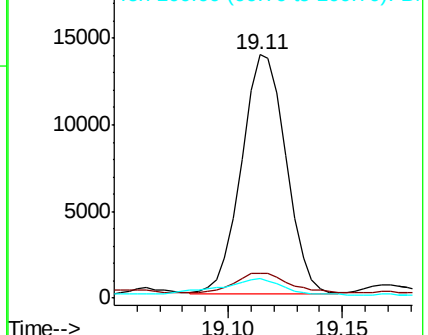
100 7.8 0.0 28.0

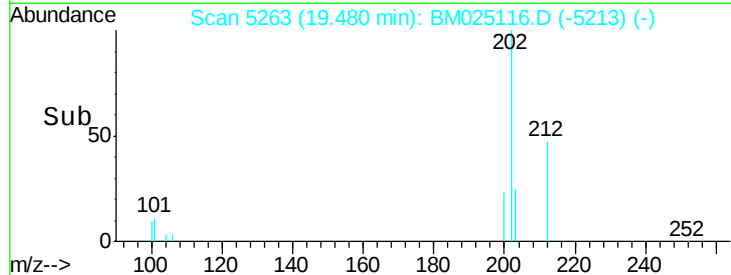
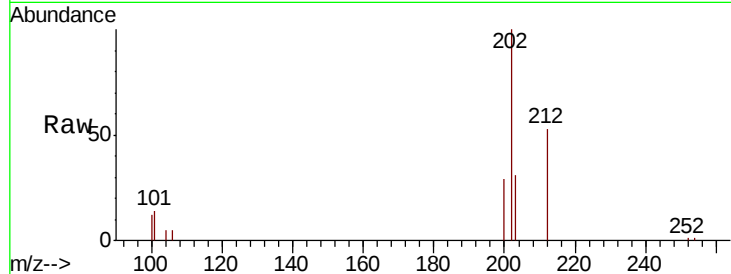
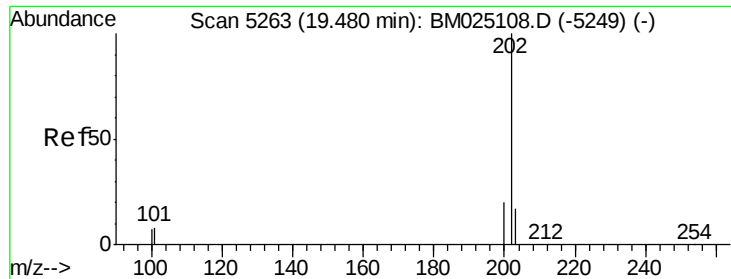


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#17
 Pvrene
 Concen: 0.110 ng/ul m
 RT: 19.48 min Scan# 5263
 Delta R.T. -0.01 min
 Lab File: BM025116.D
 Acq: 27 Feb 2020 22:51

Instrument :
 BNA_M
 ClientSampleId :
 DBDJ9

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.8	8.7	13.1#
100	11.8	7.3	10.9#

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