

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022520\
 Data File : BM025070.D
 Acq On : 26 Feb 2020 07:30
 Operator : CG/JU
 Sample : L1541-14
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBD66

Manual Integrations
 APPROVED

mohammad
 2/27/2020 5:00:39 PM

Quant Time: Feb 26 11:29:38 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	7.70	152	3155	0.40	ng/ul	0.00
2) Naphthalene-d8	10.46	136	12369	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.32	164	8625	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.07	188	19405m	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	20050	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	22281	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	7391	0.32	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	21084	0.32	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.51	128	10484	0.278	ng/ul#	90
7) Acenaphthylene	14.04	152	18564	0.373	ng/ul	95
8) Acenaphthene	14.39	153	1117987	33.461	ng/ul	97
11) Pentachlorophenol	16.72	266	511	0.086	ng/ul	97
12) Phenanthrene	17.11	178	3068	0.045	ng/ul#	86
13) Anthracene	17.19	178	3522	0.053	ng/ul#	88
15) Fluoranthene	19.12	202	84843	0.856	ng/ul	97
17) Pyrene	19.49	202	19604	0.217	ng/ul	97

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

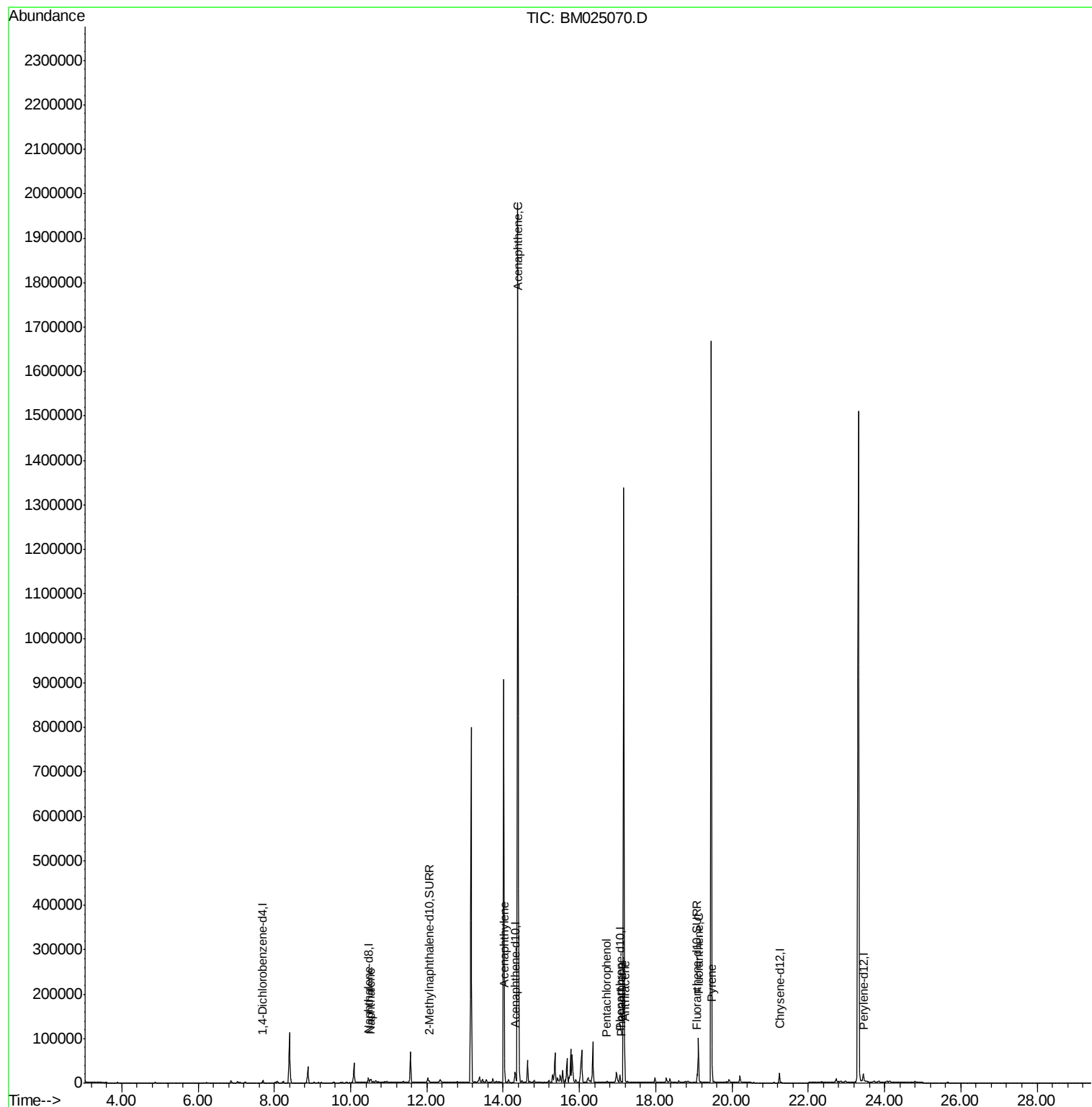
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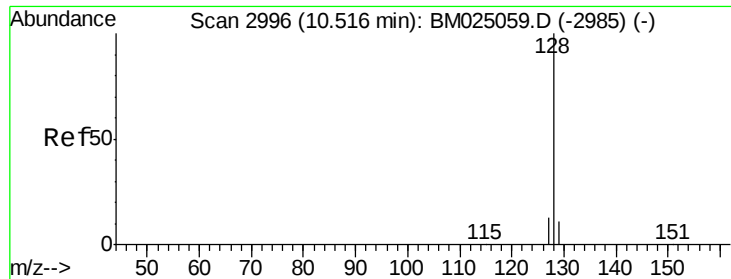
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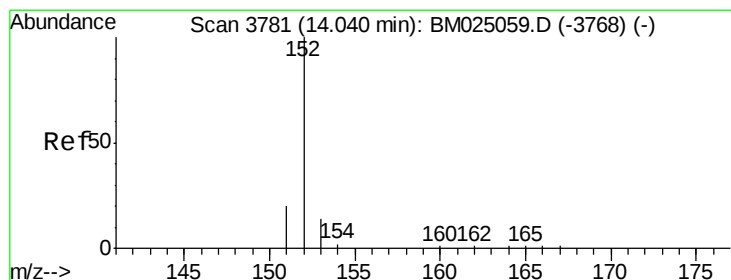
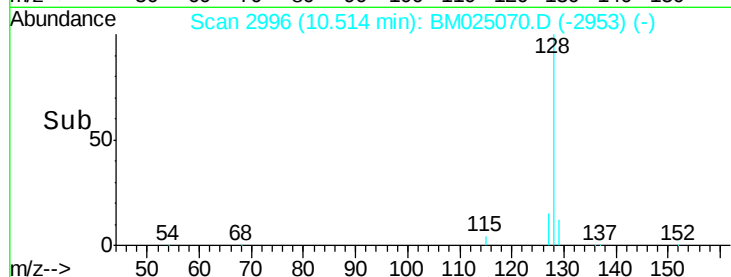
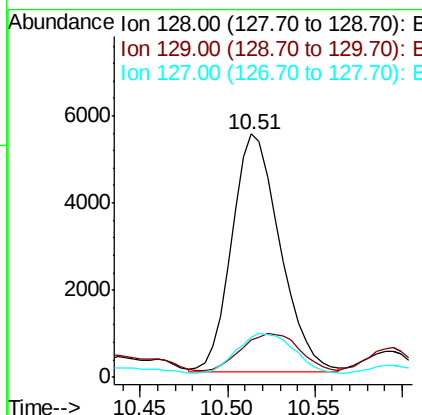
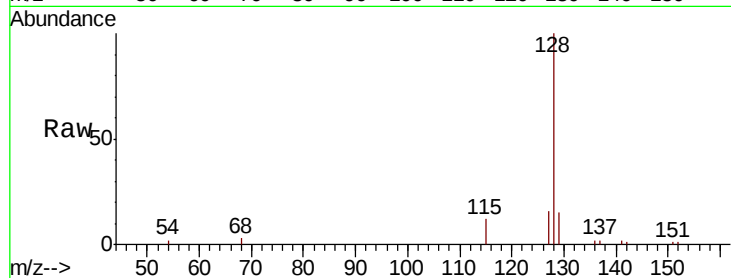
#3
Naphthalene
Concen: 0.278 ng/ul
RT: 10.51 min Scan# 2996
Delta R.T. -0.00 min
Lab File: BM025070.D
Acq: 26 Feb 2020 07:30

Instrument :
BNA_M
ClientSampleId :
DBD66

Tot Ion	Ratio	Lower	Upper
128	100		
129	15.3	17.0	25.6#
127	16.5	15.7	23.5

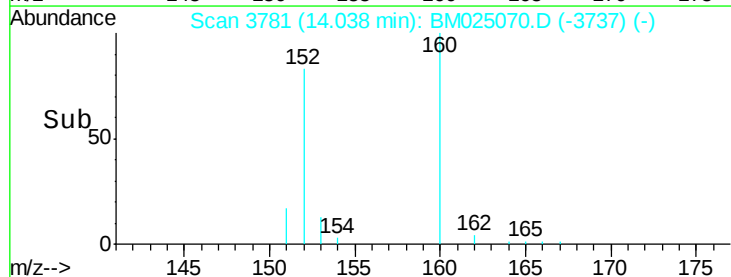
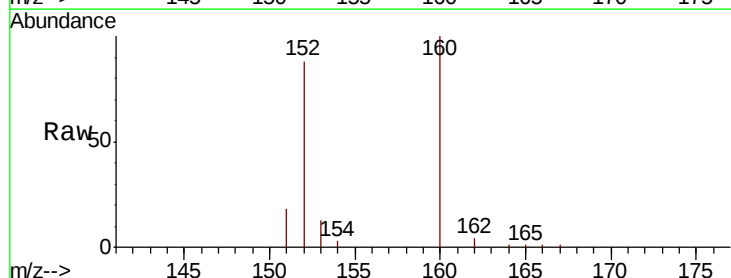
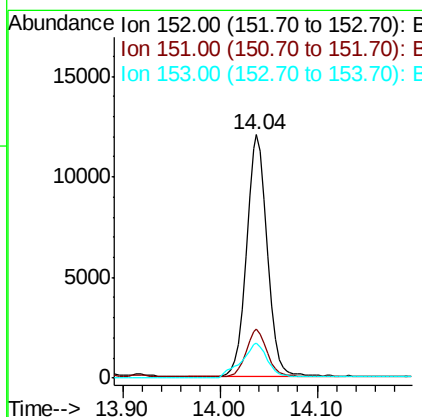
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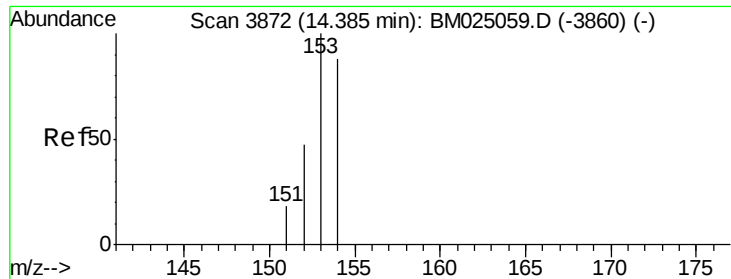
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#7
Acenaphthylene
Concen: 0.373 ng/ul
RT: 14.04 min Scan# 3781
Delta R.T. -0.01 min
Lab File: BM025070.D
Acq: 26 Feb 2020 07:30

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	17.8	26.8
153	14.3	13.3	19.9





#8

Acenaphthene

Concen: 33.461 ng/ul

RT: 14.39 min Scan# 3873

Delta R.T. -0.00 min

Lab File: BM025070.D

Acq: 26 Feb 2020 07:30

Instrument :

BNA_M

ClientSampleId :

DBD66

Tot Ion:153 Resp: 1117987

Ion Ratio Lower Upper

153 100

152 46.1 40.0 60.0

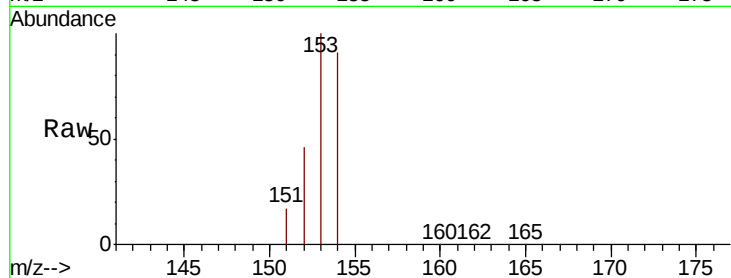
154 90.5 71.0 106.6

Manual Integrations

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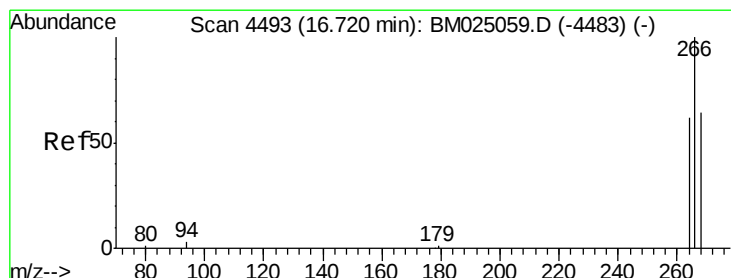
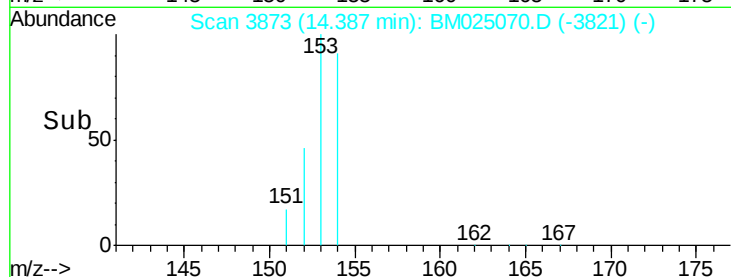
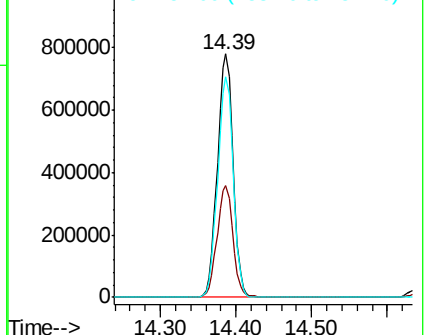


Abundance

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#11

Pentachlorophenol

Concen: 0.086 ng/ul

RT: 16.72 min Scan# 4493

Delta R.T. -0.01 min

Lab File: BM025070.D

Acq: 26 Feb 2020 07:30

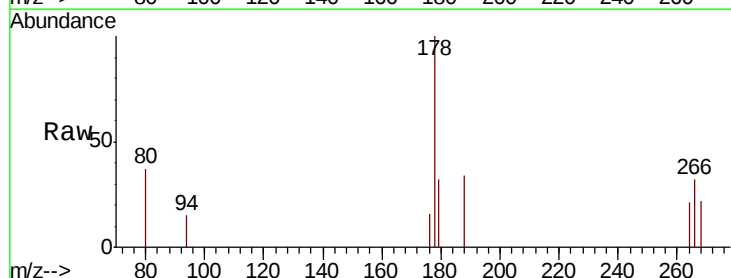
Tgt Ion:266 Resp: 511

Ion Ratio Lower Upper

266 100

264 64.8 49.8 74.6

268 63.0 49.0 73.4

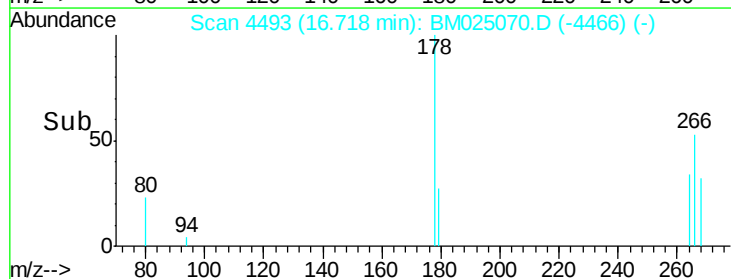
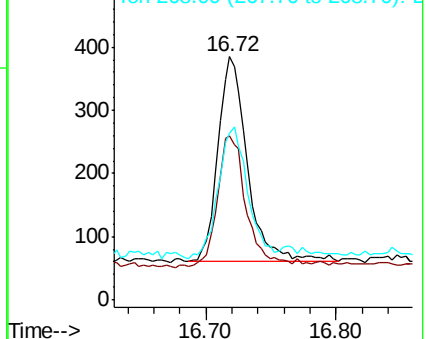


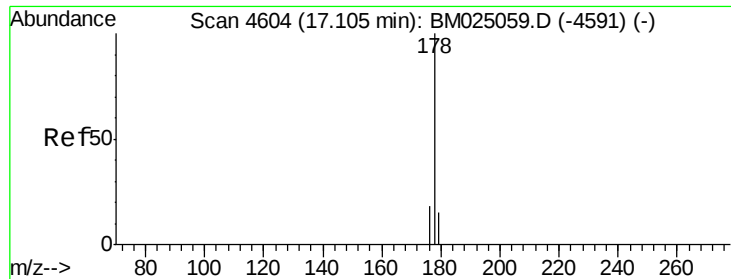
Abundance

Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





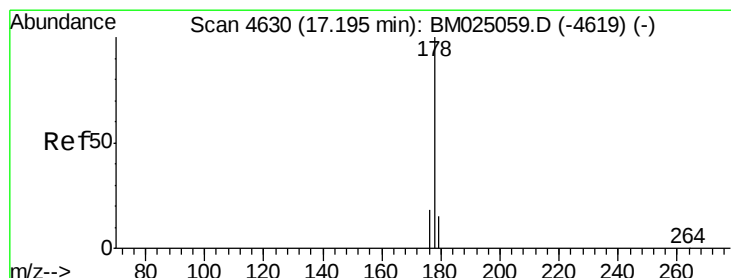
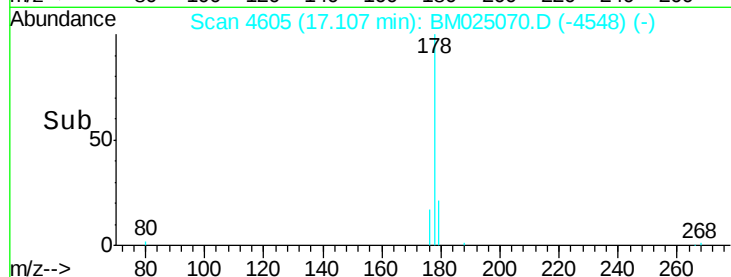
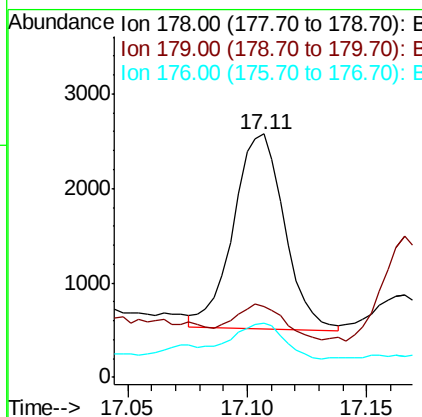
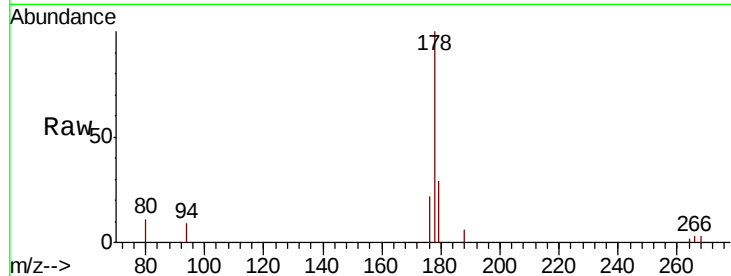
#12
Phenanthrene
Concen: 0.045 ng/ul
RT: 17.11 min Scan# 4605
Delta R.T. -0.00 min
Lab File: BM025070.D
Acq: 26 Feb 2020 07:30

Instrument :
BNA_M
ClientSampleId :
DBD66

Tot Ion:178 Resp: 3068
Ion Ratio Lower Upper
178 100
179 29.3 14.0 21.0#
176 22.3 16.6 24.8

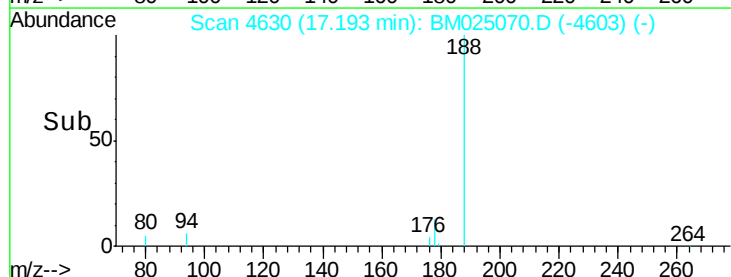
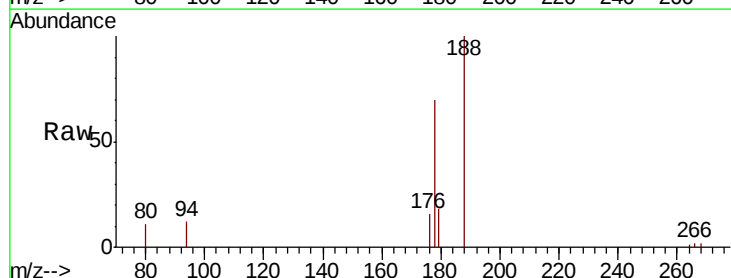
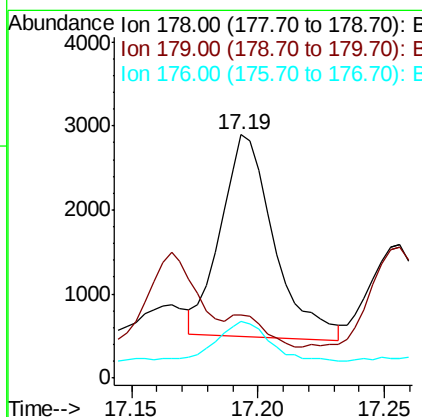
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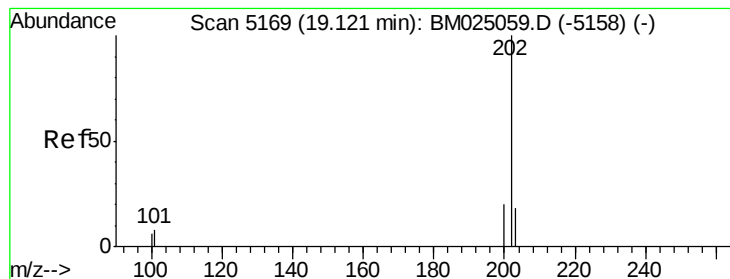
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#13
Anthracene
Concen: 0.053 ng/ul
RT: 17.19 min Scan# 4630
Delta R.T. -0.01 min
Lab File: BM025070.D
Acq: 26 Feb 2020 07:30

Tgt Ion:178 Resp: 3522
Ion Ratio Lower Upper
178 100
179 25.8 14.1 21.1#
176 23.2 16.2 24.4





#15

Fluoranthene

Concen: 0.856 ng/ul

RT: 19.12 min Scan# 5169

Delta R.T. -0.01 min

Lab File: BM025070.D

Acq: 26 Feb 2020 07:30

Instrument :

BNA_M

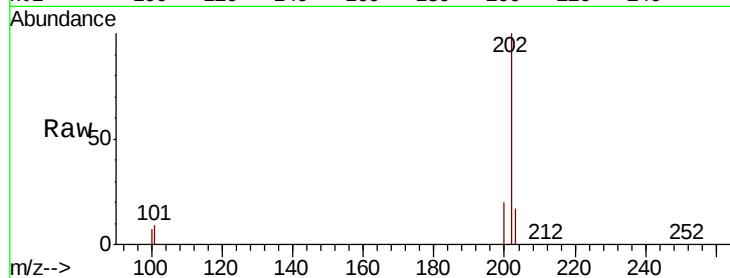
ClientSampleId :

DBD66

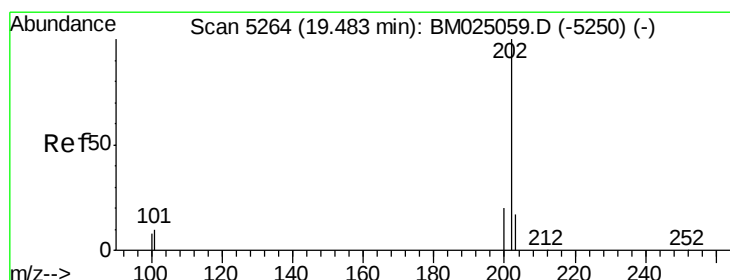
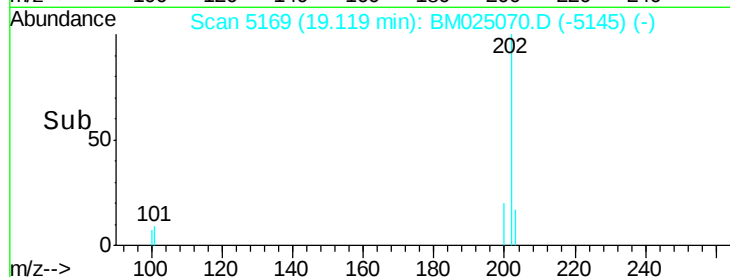
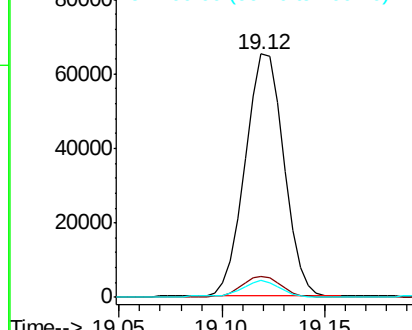
Tot Ion:	202	Resp:	84843
Ion Ratio	Lower	Upper	
202	100		
101	8.8	0.0	29.4
100	6.8	0.0	28.0

Manual Integrations
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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: 0.217 ng/ul

RT: 19.49 min Scan# 5265

Delta R.T. -0.00 min

Lab File: BM025070.D

Acq: 26 Feb 2020 07:30

Tgt Ion:	202	Resp:	19604
Ion Ratio	Lower	Upper	
202	100		
101	9.8	8.7	13.1
100	8.3	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

