

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071321\
 Data File : BM030971.D
 Acq On : 14 Jul 2021 21:51
 Operator : CG/JU
 Sample : M2910-04
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AW5

Manual Integrations
 APPROVED

mohammad
 7/15/2021 11:31:12 AM

Quant Time: Jul 15 04:08:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM071321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 13 14:01:01 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	1069	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.428	136	3838	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.288	164	3028	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.037	188	6326m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.225	240	6004	0.400	ng/ul	-0.01
23) Perylene-d12	23.415	264	6091	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	5533	5.033	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.020	152	2858	0.428	ng/ul	-0.01
18) Fluoranthene-d10	19.069	212	10584	0.524	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.268	88	290	0.236	ng/ul#	81
5) Naphthalene	10.477	128	3000	0.262	ng/ul	98
7) 2-Methylnaphthalene	12.097	142	215	0.027	ng/ul#	67
8) 1-Methylnaphthalene	12.317	142	880	0.111	ng/ul	95
11) Acenaphthene	14.356	153	774	0.072	ng/ul	96
12) Fluorene	15.346	166	1328	0.104	ng/ul#	95
14) Pentachlorophenol	16.690	266	222254	99.458	ng/ul	99
15) Phenanthrene	17.079	178	1660	0.084	ng/ul#	79
16) Anthracene	17.169	178	723	0.038	ng/ul#	56
19) Fluoranthene	19.096	202	580	0.022	ng/ul#	29

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

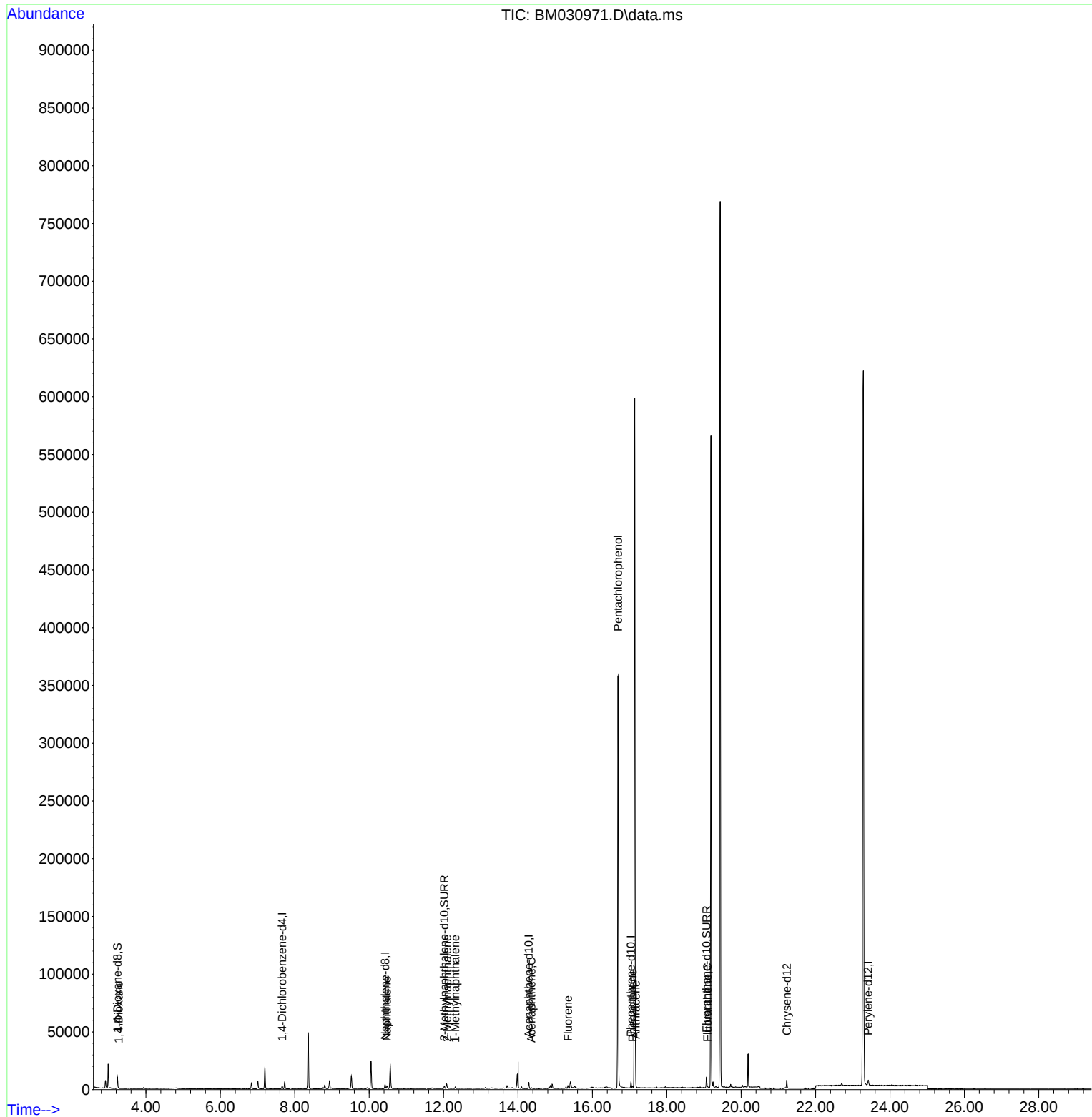
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071321\
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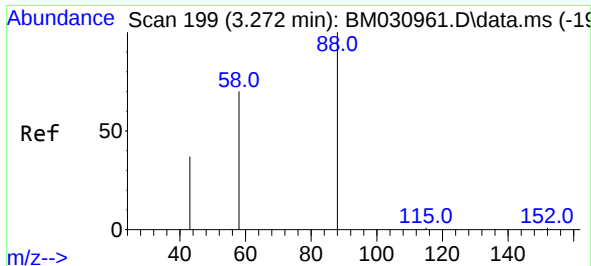
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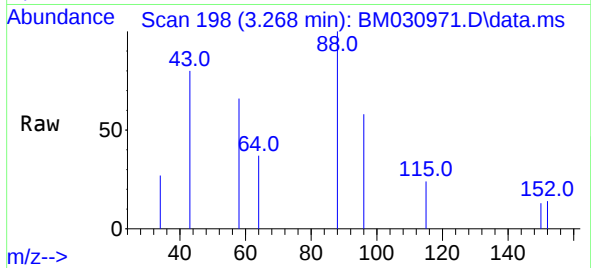
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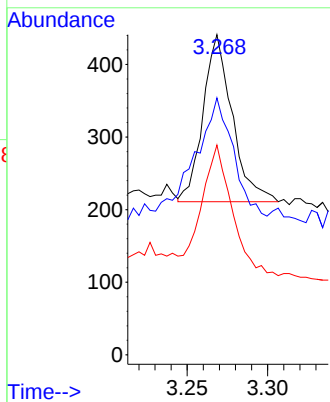
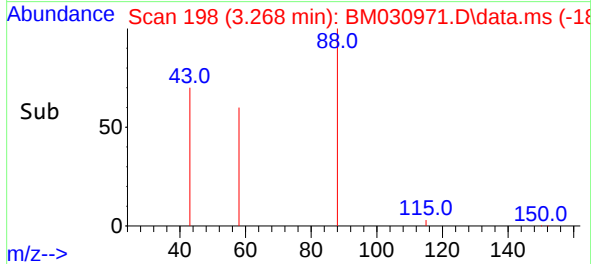




#2
1,4-Dioxane
Concen: 0.236 ng/ul
RT: 3.268 min Scan# 198
Delta R.T. -0.007 min
Lab File: BM030971.D
Acq: 14 Jul 2021 21:51



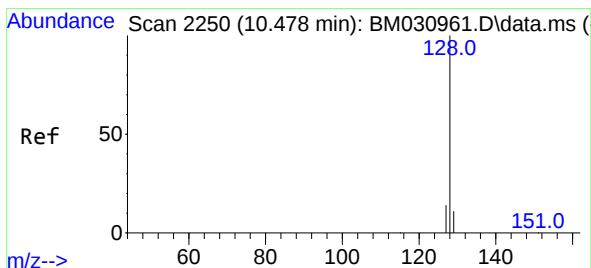
Tgt Ion: 88 Resp: 290
Ion Ratio Lower Upper
88 100
43 80.3 48.2 72.4#
58 65.5 46.0 69.0



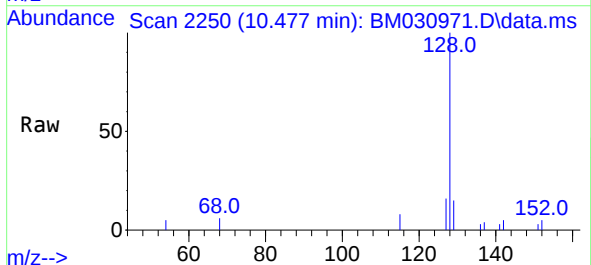
Instrument :
BNA_M
ClientSampleId :
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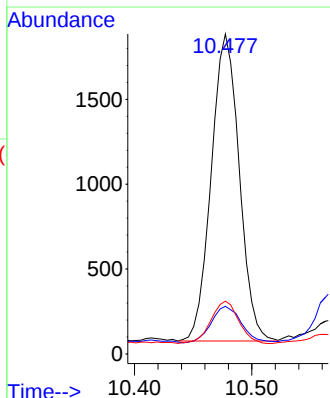
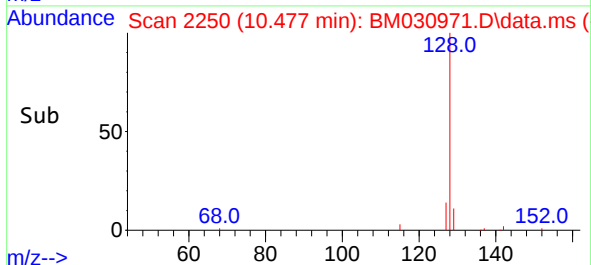
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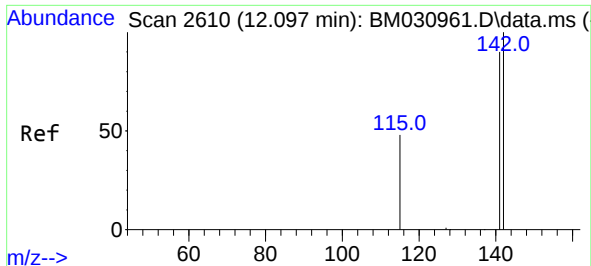


#5
Naphthalene
Concen: 0.262 ng/ul
RT: 10.477 min Scan# 2250
Delta R.T. -0.013 min
Lab File: BM030971.D
Acq: 14 Jul 2021 21:51



Tgt Ion: 128 Resp: 3000
Ion Ratio Lower Upper
128 100
129 14.9 10.7 16.1
127 16.5 12.7 19.1





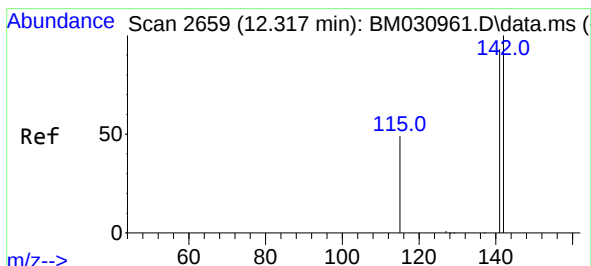
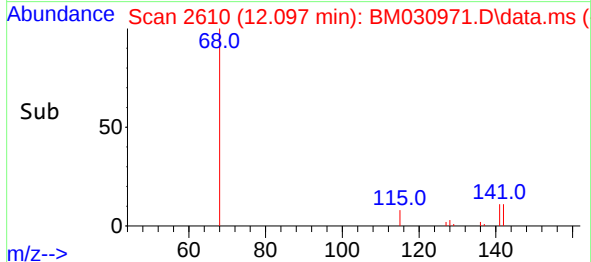
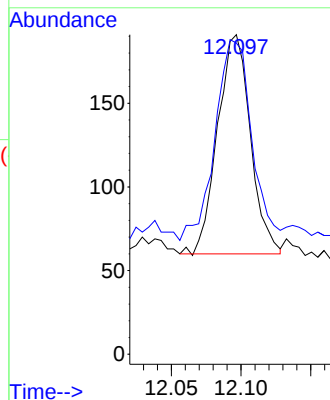
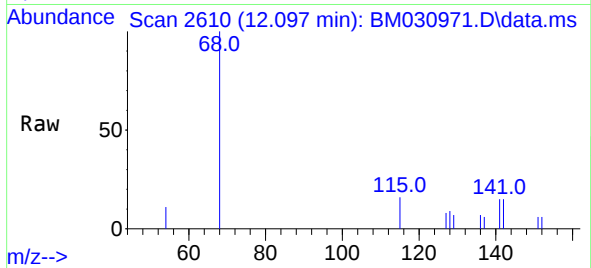
#7
2-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.097 min Scan# 2610
Delta R.T. -0.013 min
Lab File: BM030971.D
Acq: 14 Jul 2021 21:51

Tgt Ion:142 Resp: 215
Ion Ratio Lower Upper
142 100
141 120.5 71.8 107.8#

Instrument :
BNA_M
ClientSampled :
C0AW5

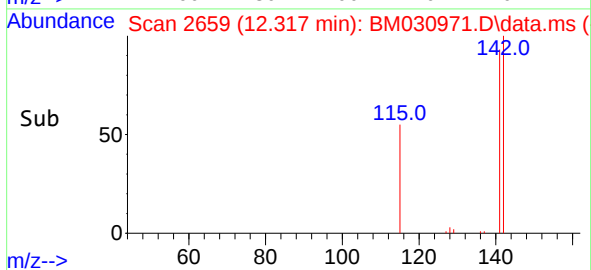
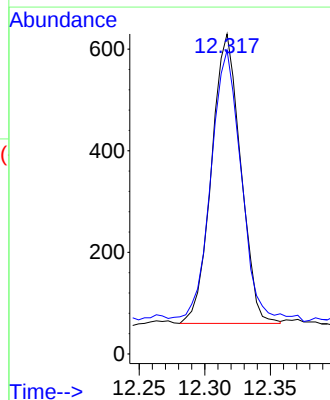
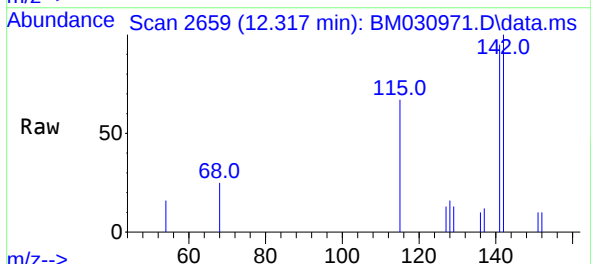
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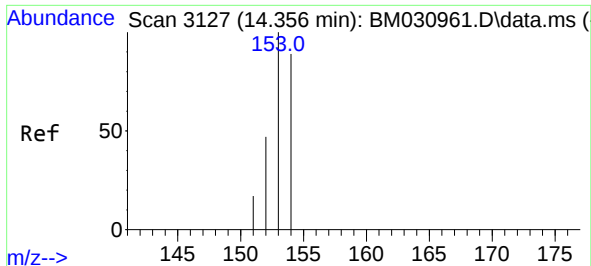
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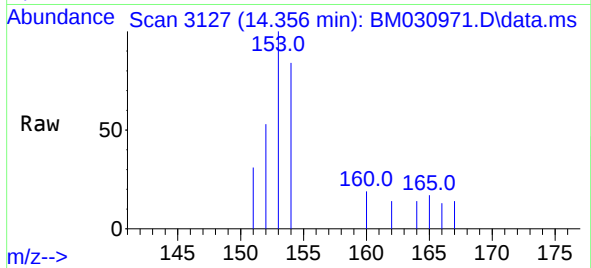
#8
1-Methylnaphthalene
Concen: 0.111 ng/ul
RT: 12.317 min Scan# 2659
Delta R.T. -0.013 min
Lab File: BM030971.D
Acq: 14 Jul 2021 21:51

Tgt Ion:142 Resp: 880
Ion Ratio Lower Upper
142 100
141 97.0 73.8 110.8

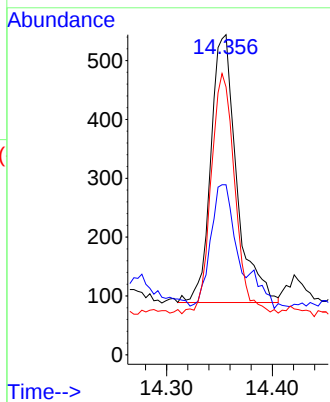
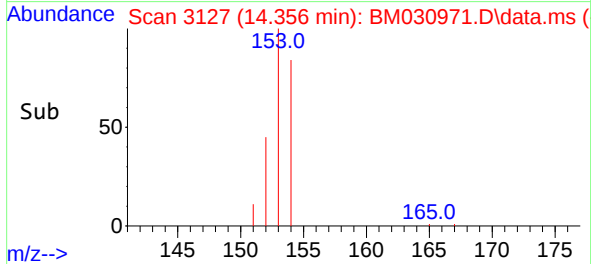




#11
Acenaphthene
Concen: 0.072 ng/u1
RT: 14.356 min Scan# 3127
Delta R.T. -0.008 min
Lab File: BM030971.D
Acq: 14 Jul 2021 21:51



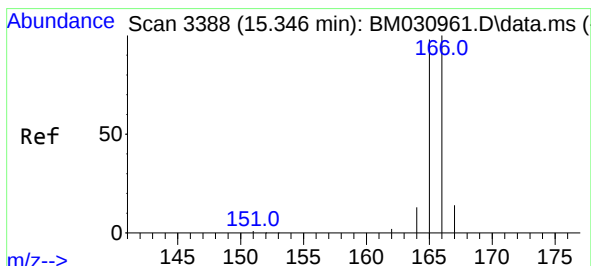
Tgt Ion:153 Resp: 774
Ion Ratio Lower Upper
153 100
152 53.1 39.3 58.9
154 83.6 68.5 102.7



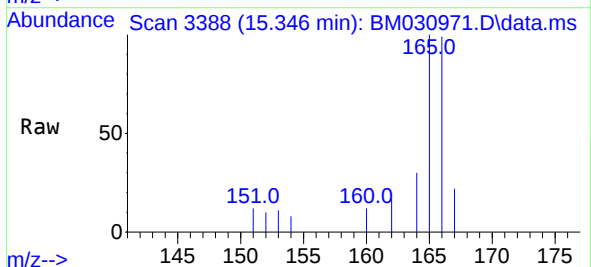
Instrument :
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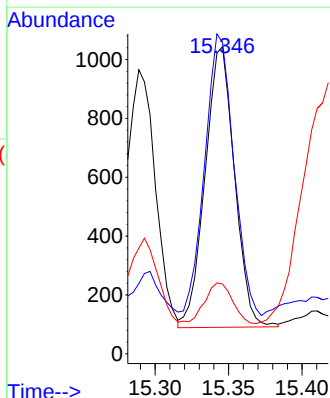
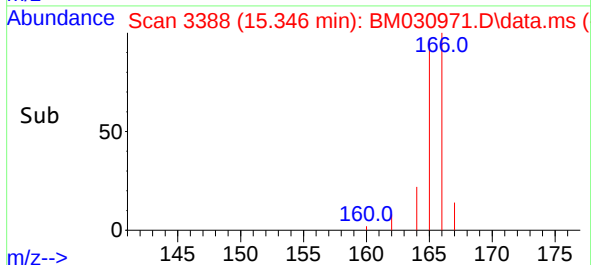
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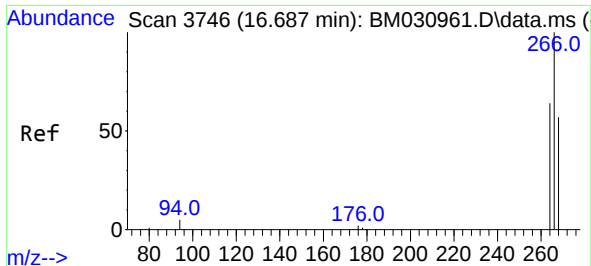


#12
Fluorene
Concen: 0.104 ng/u1
RT: 15.346 min Scan# 3388
Delta R.T. -0.008 min
Lab File: BM030971.D
Acq: 14 Jul 2021 21:51



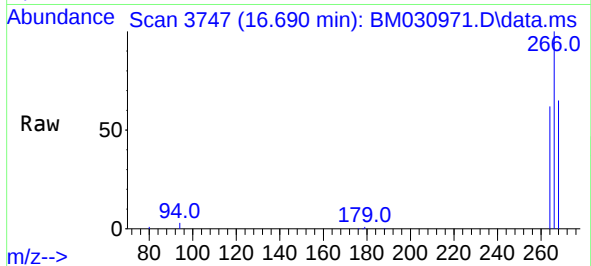
Tgt Ion:166 Resp: 1328
Ion Ratio Lower Upper
166 100
165 101.4 78.7 118.1
167 22.7 12.5 18.7#





#14
Pentachlorophenol
Concen: 99.458 ng/ul
RT: 16.690 min Scan# 3747
Delta R.T. -0.014 min
Lab File: BM030971.D
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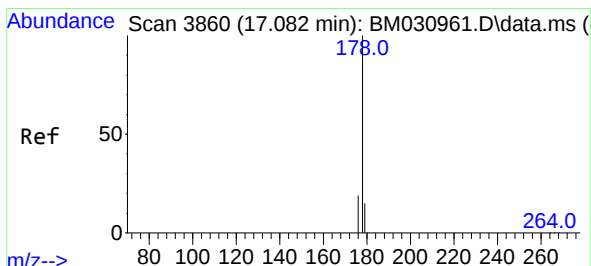
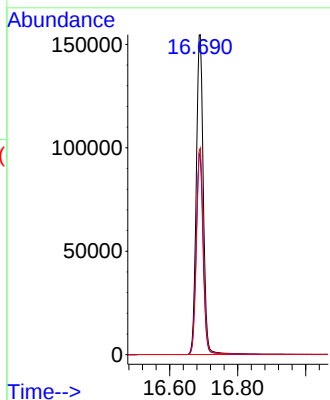
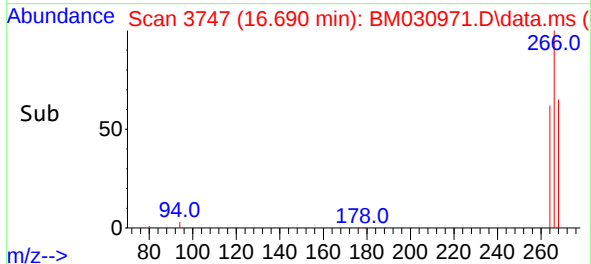
Instrument :
BNA_M
ClientSampled :
C0AW5



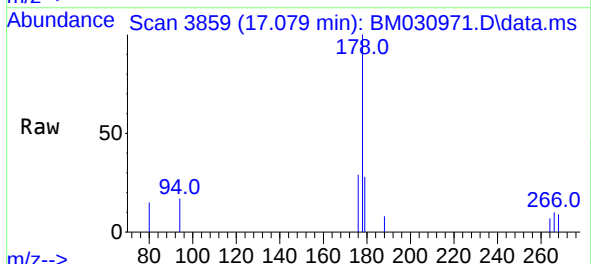
Tgt Ion:266 Resp: 222254
Ion Ratio Lower Upper
266 100
264 62.6 49.5 74.3
268 64.0 50.4 75.6

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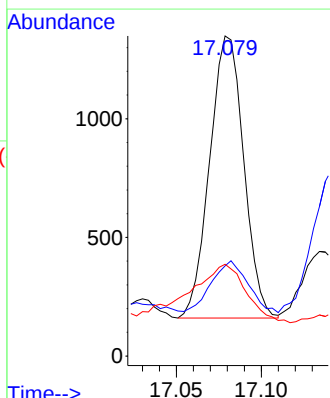
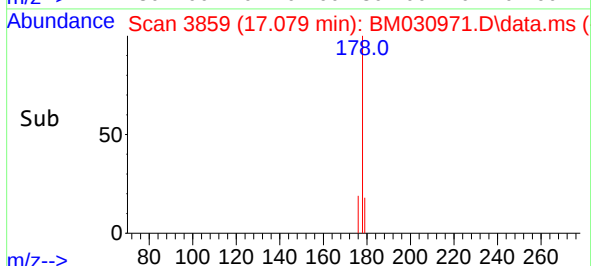
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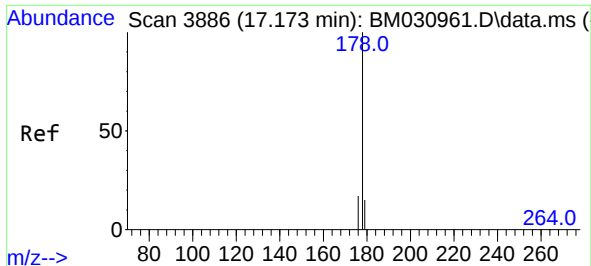


#15
Phenanthrene
Concen: 0.084 ng/ul
RT: 17.079 min Scan# 3859
Delta R.T. -0.010 min
Lab File: BM030971.D
Acq: 14 Jul 2021 21:51

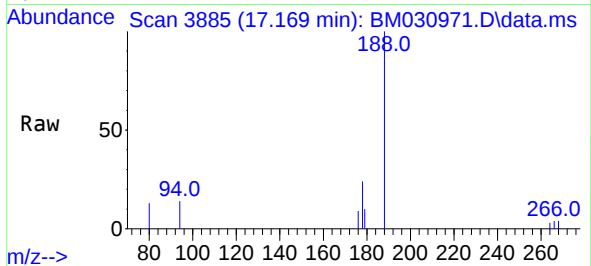


Tgt Ion:178 Resp: 1660
Ion Ratio Lower Upper
178 100
179 28.2 13.8 20.6#
176 28.7 16.4 24.6#

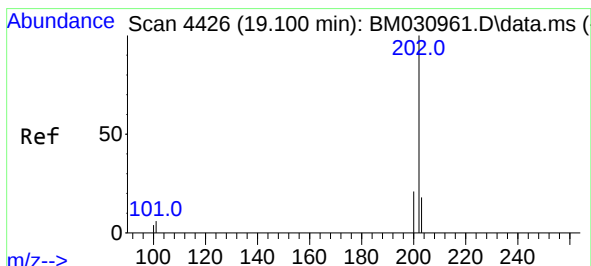
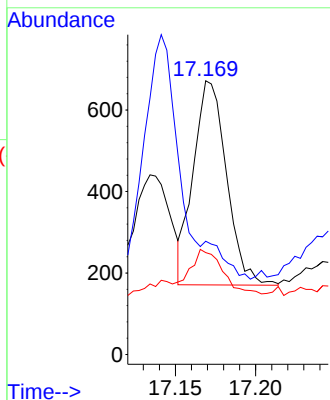
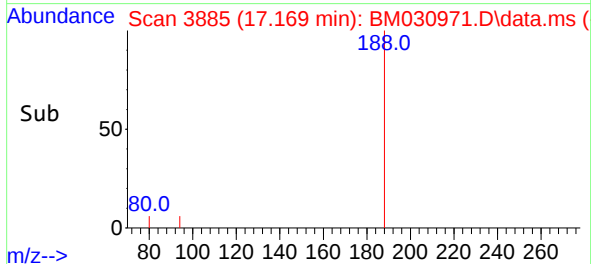




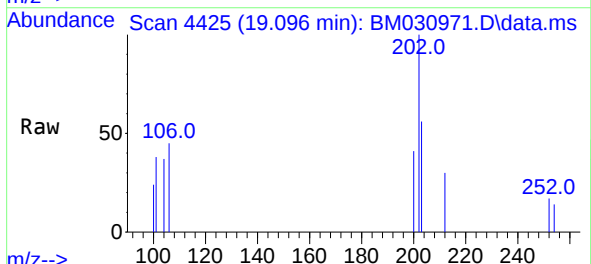
#16
Anthracene
Concen: 0.038 ng/u1
RT: 17.169 min Scan# 3885
Delta R.T. -0.010 min
Lab File: BM030971.D
Acq: 14 Jul 2021 21:51



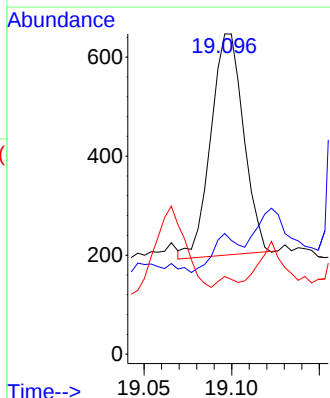
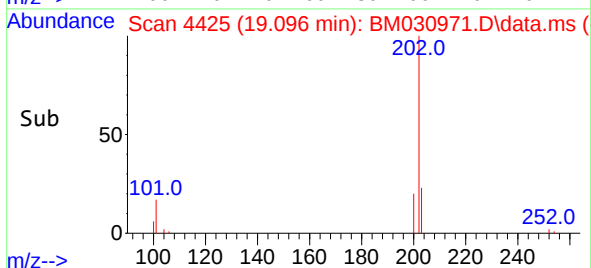
Tgt Ion:	178	Resp:	723
Ion	Ratio	Lower	Upper
178	100		
179	41.4	14.5	21.7#
176	37.2	16.1	24.1#



#19
Fluoranthene
Concen: 0.022 ng/u1
RT: 19.096 min Scan# 4425
Delta R.T. -0.011 min
Lab File: BM030971.D
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Tgt Ion:	202	Resp:	580
Ion	Ratio	Lower	Upper
202	100		
101	37.7	6.3	9.5#
100	24.3	5.0	7.6#



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