

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071521\
 Data File : BM030984.D
 Acq On : 15 Jul 2021 17:12
 Operator : CG/JU
 Sample : M2958-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBK28

Manual Integrations
 APPROVED

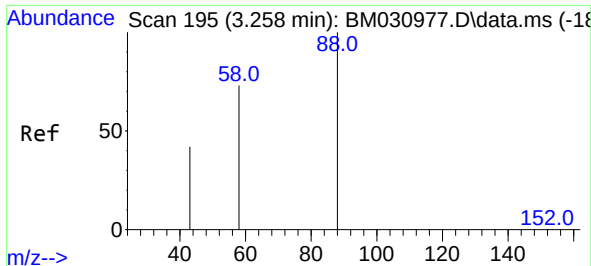
mohammad
 7/16/2021 10:56:39 AM

Quant Time: Jul 15 17:44:51 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 : Thu Jul 15 16:14:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.656	152	1218	0.400	ng/ul	0.00
4) Naphthalene-d8	10.419	136	5029	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.280	164	7640	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.034	188	10798m	0.400	ng/ul	0.00
17) Chrysene-d12	21.222	240	6235	0.400	ng/ul	0.00
23) Perylene-d12	23.406	264	6243	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.227	96	3249	2.594	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.016	152	3019	0.345	ng/ul	0.00
18) Fluoranthene-d10	19.062	212	9603	0.458	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.262	88	194	0.139	ng/ul#	40
5) Naphthalene	10.469	128	68012	4.532	ng/ul	95
7) 2-Methylnaphthalene	12.088	142	56082	5.289	ng/ul	99
8) 1-Methylnaphthalene	12.308	142	44460	4.291	ng/ul	98
10) Acenaphthylene	14.007	152	1361	0.036	ng/ul#	1
11) Acenaphthene	14.345	153	3612	0.134	ng/ul	90
12) Fluorene	15.338	166	10595	0.330	ng/ul	98
14) Pentachlorophenol	16.687	266	1039	0.272	ng/ul	98
15) Phenanthrene	17.072	178	9573	0.282	ng/ul#	76
16) Anthracene	17.148	178	2292	0.071	ng/ul#	1
19) Fluoranthene	19.069	202	2866	0.104	ng/ul#	43
20) Pyrene	19.462	202	792	0.029	ng/ul#	5

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



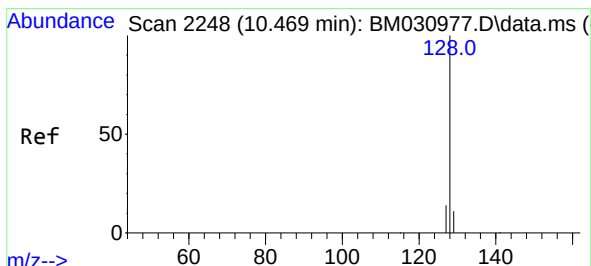
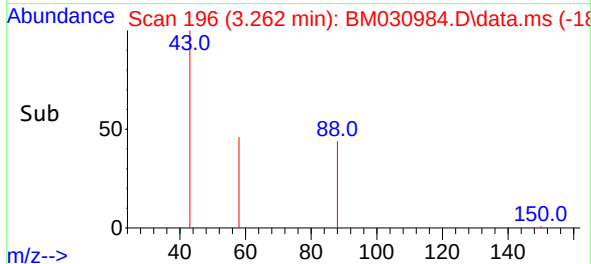
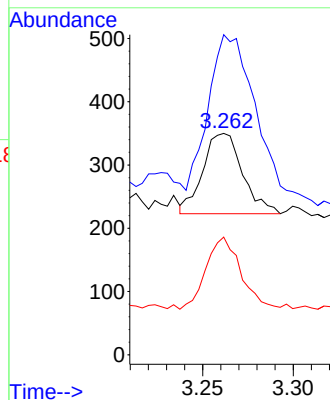
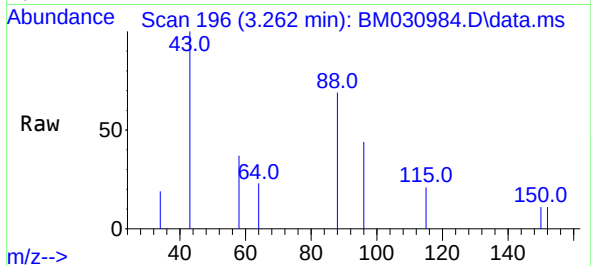
#2
1,4-Dioxane
Concen: 0.139 ng/ul
RT: 3.262 min Scan# 196
Delta R.T. 0.003 min
Lab File: BM030984.D
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Tgt Ion: 88 Resp: 194
Ion Ratio Lower Upper
88 100
43 144.6 48.2 72.4#
58 53.1 46.0 69.0

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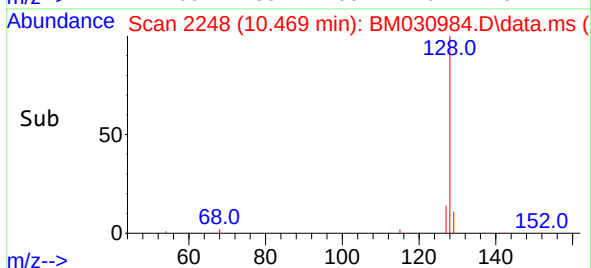
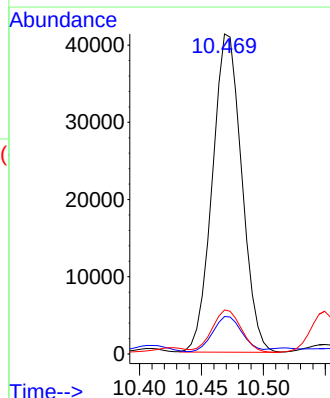
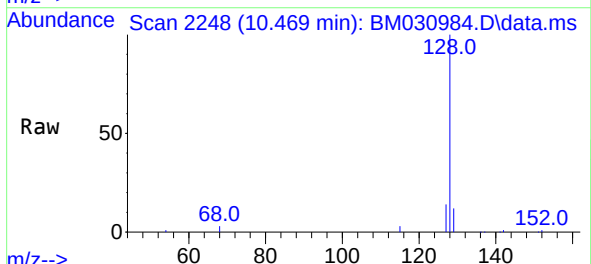
Manual Integrations
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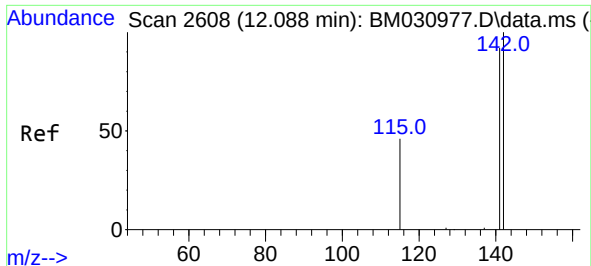
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#5
Naphthalene
Concen: 4.532 ng/ul
RT: 10.469 min Scan# 2248
Delta R.T. -0.000 min
Lab File: BM030984.D
Acq: 15 Jul 2021 17:12

Tgt Ion: 128 Resp: 68012
Ion Ratio Lower Upper
128 100
129 11.7 10.7 16.1
127 13.8 12.7 19.1





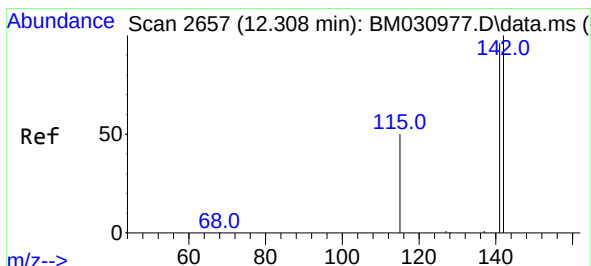
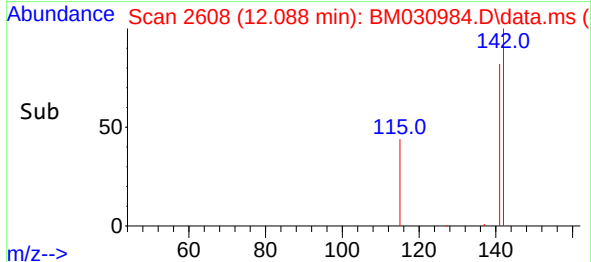
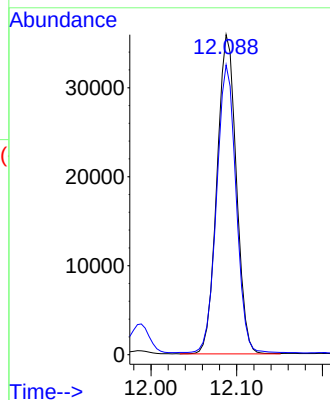
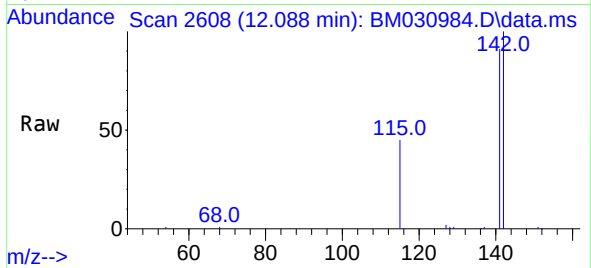
#7
2-Methylnaphthalene
Concen: 5.289 ng/ul
RT: 12.088 min Scan# 2608
Delta R.T. -0.000 min
Lab File: BM030984.D
Acq: 15 Jul 2021 17:12

Tgt Ion:142 Resp: 56082
Ion Ratio Lower Upper
142 100
141 90.8 71.8 107.8

Instrument :
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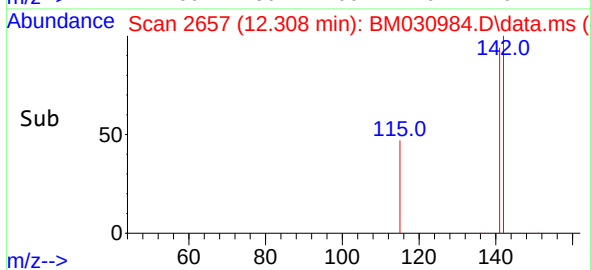
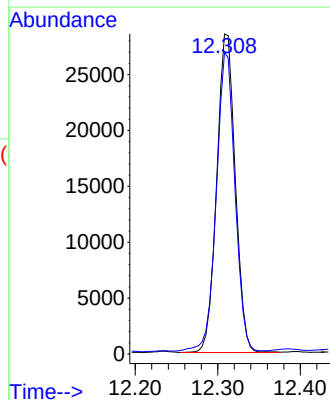
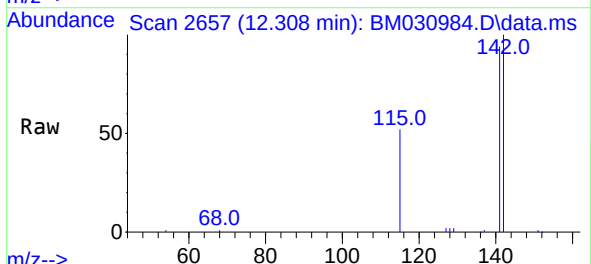
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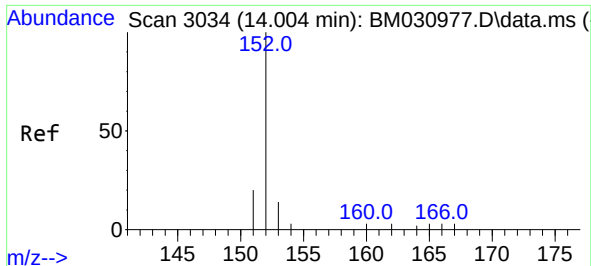
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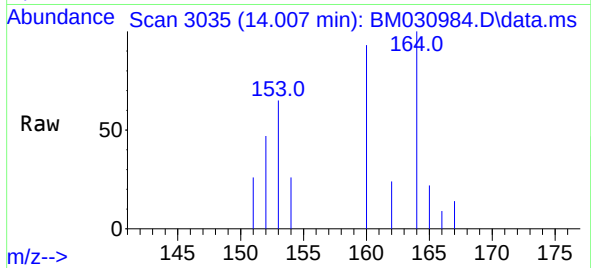
#8
1-Methylnaphthalene
Concen: 4.291 ng/ul
RT: 12.308 min Scan# 2657
Delta R.T. -0.000 min
Lab File: BM030984.D
Acq: 15 Jul 2021 17:12

Tgt Ion:142 Resp: 44460
Ion Ratio Lower Upper
142 100
141 93.8 73.8 110.8

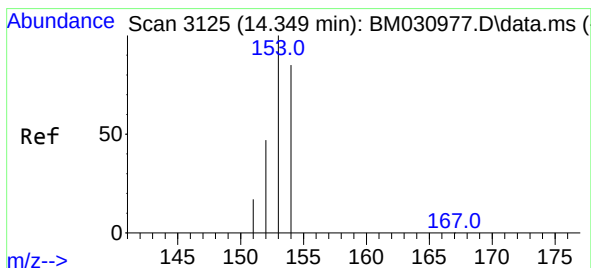
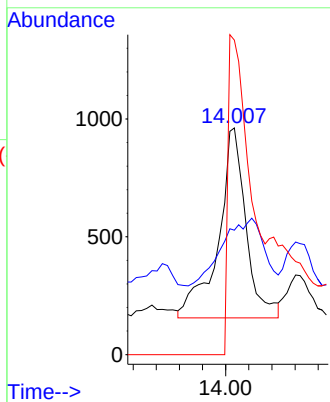
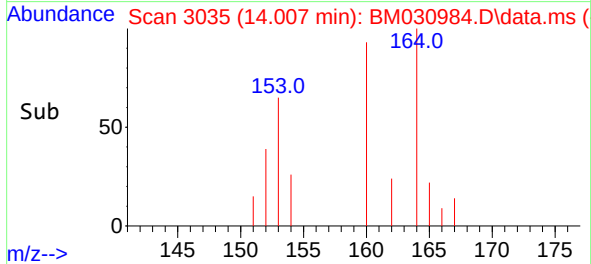




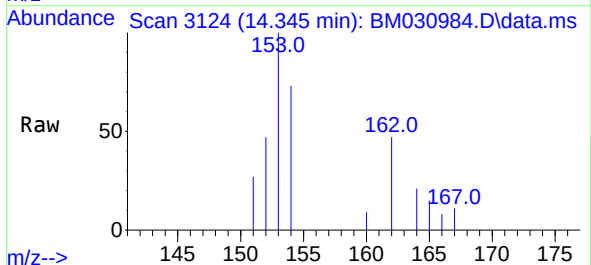
#10
Acenaphthylene
Concen: 0.036 ng/ul
RT: 14.007 min Scan# 3035
Delta R.T. 0.004 min
Lab File: BM030984.D
Acq: 15 Jul 2021 17:12



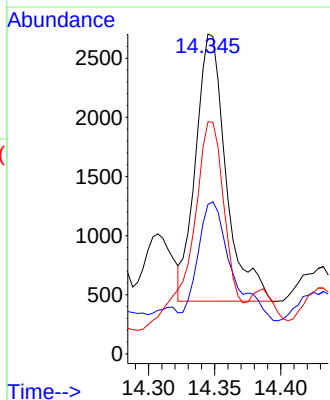
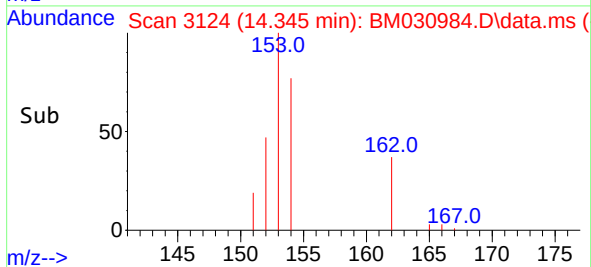
Tgt Ion:152 Resp: 1361
Ion Ratio Lower Upper
152 100
151 54.9 17.2 25.8#
153 138.8 12.0 18.0#



#11
Acenaphthene
Concen: 0.134 ng/ul
RT: 14.345 min Scan# 3124
Delta R.T. -0.004 min
Lab File: BM030984.D
Acq: 15 Jul 2021 17:12



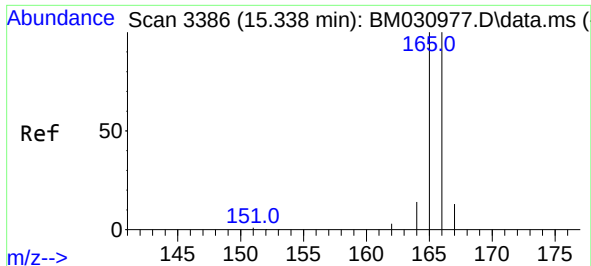
Tgt Ion:153 Resp: 3612
Ion Ratio Lower Upper
153 100
152 46.8 39.3 58.9
154 72.6 68.5 102.7



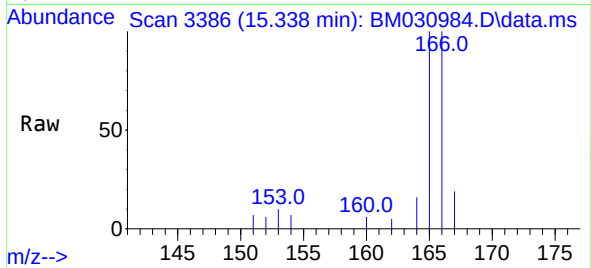
Instrument :
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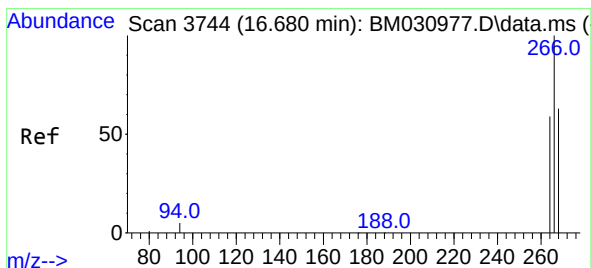
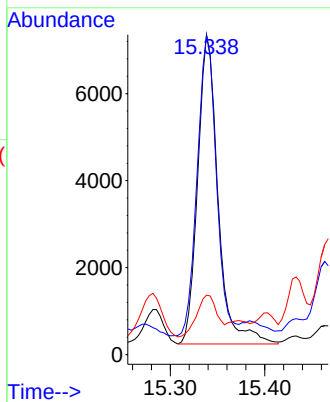
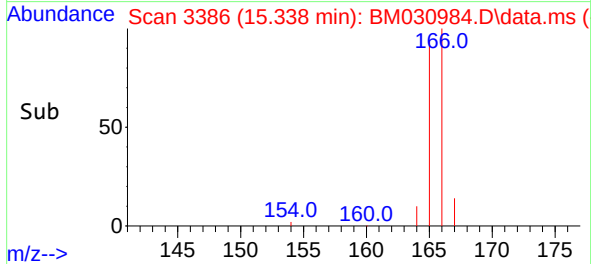
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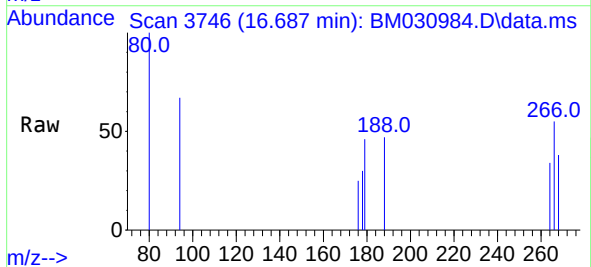
#12
Fluorene
Concen: 0.330 ng/ul
RT: 15.338 min Scan# 3386
Delta R.T. -0.000 min
Lab File: BM030984.D
Acq: 15 Jul 2021 17:12



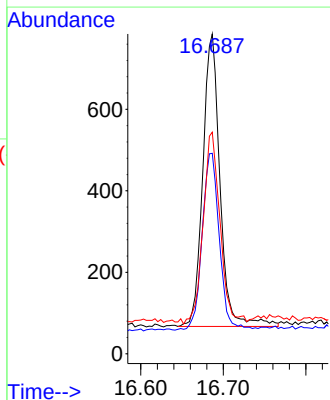
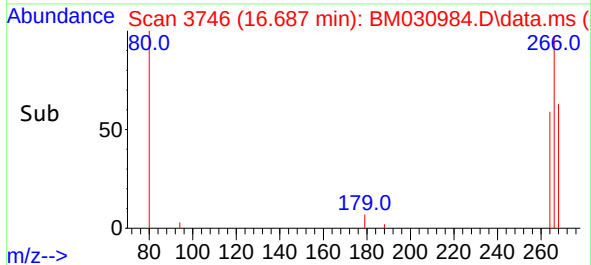
Tgt Ion:166 Resp: 10595
Ion Ratio Lower Upper
166 100
165 99.9 78.7 118.1
167 18.6 12.5 18.7



#14
Pentachlorophenol
Concen: 0.272 ng/ul
RT: 16.687 min Scan# 3746
Delta R.T. 0.007 min
Lab File: BM030984.D
Acq: 15 Jul 2021 17:12



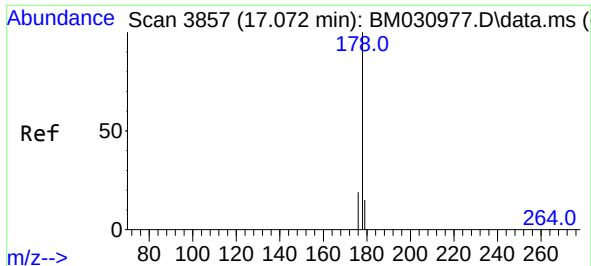
Tgt Ion:266 Resp: 1039
Ion Ratio Lower Upper
266 100
264 60.3 49.5 74.3
268 64.8 50.4 75.6



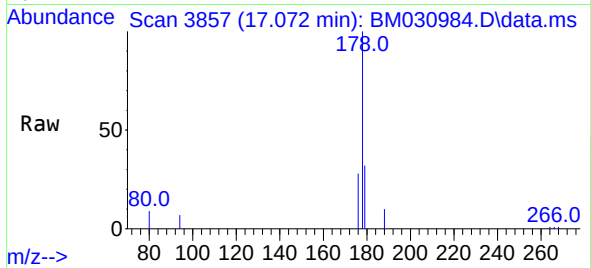
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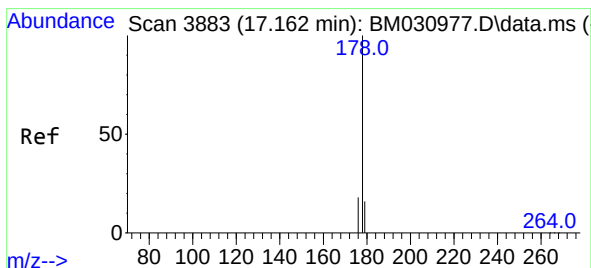
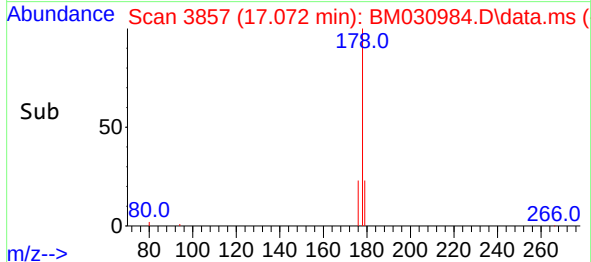
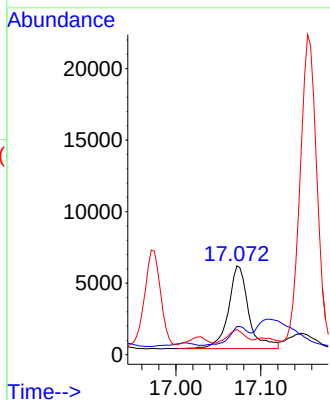
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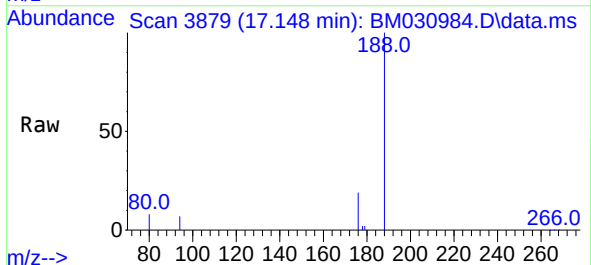
#15
Phenanthrene
Concen: 0.282 ng/u1
RT: 17.072 min Scan# 3857
Delta R.T. -0.000 min
Lab File: BM030984.D
Acq: 15 Jul 2021 17:12



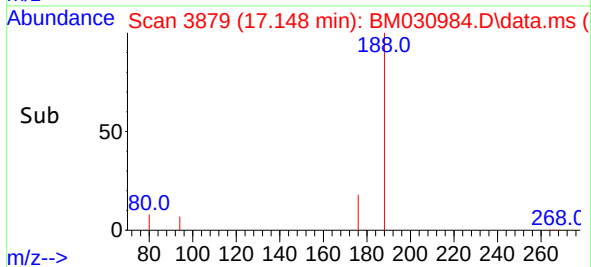
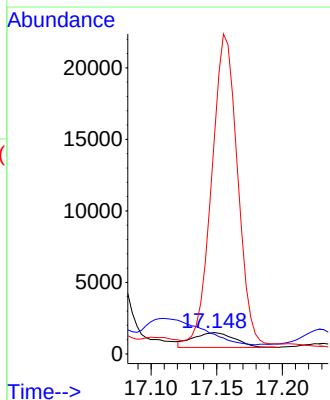
Tgt Ion:178 Resp: 9573
Ion Ratio Lower Upper
178 100
179 31.7 13.8 20.6#
176 28.2 16.4 24.6#



#16
Anthracene
Concen: 0.071 ng/u1
RT: 17.148 min Scan# 3879
Delta R.T. -0.014 min
Lab File: BM030984.D
Acq: 15 Jul 2021 17:12



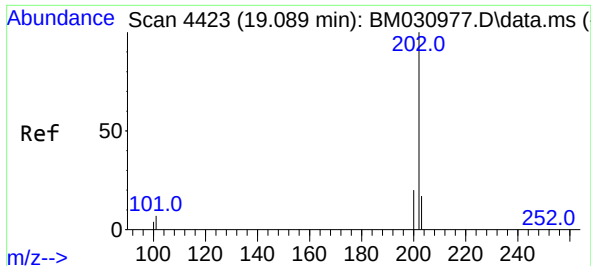
Tgt Ion:178 Resp: 2292
Ion Ratio Lower Upper
178 100
179 92.8 14.5 21.7#
176 1010.2 16.1 24.1#



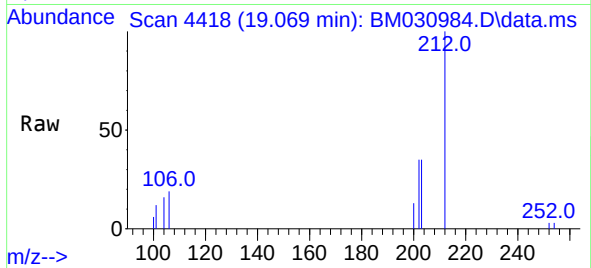
Instrument :
BNA_M
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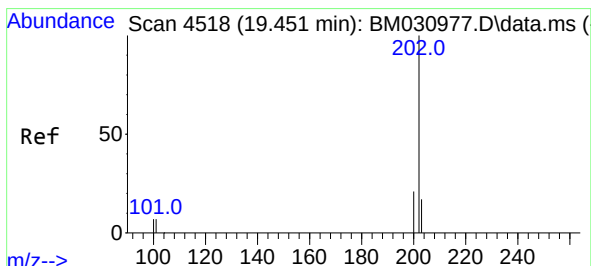
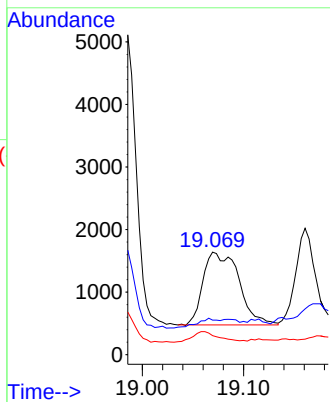
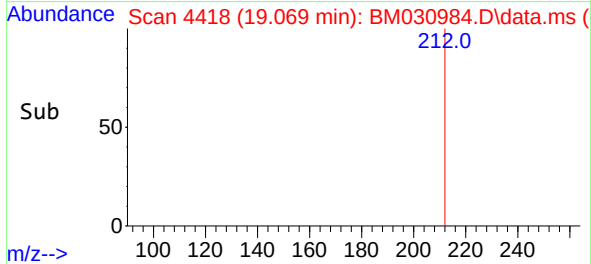
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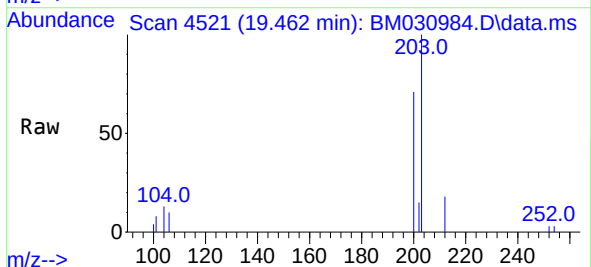
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Fluoranthene
Concen: 0.104 ng/u1
RT: 19.069 min Scan# 4418
Delta R.T. -0.019 min
Lab File: BM030984.D
Acq: 15 Jul 2021 17:12



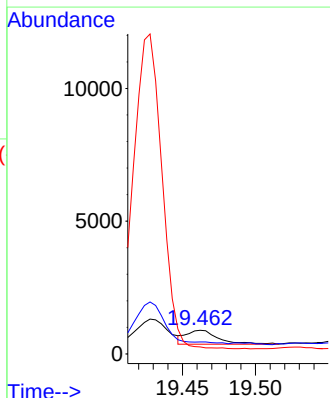
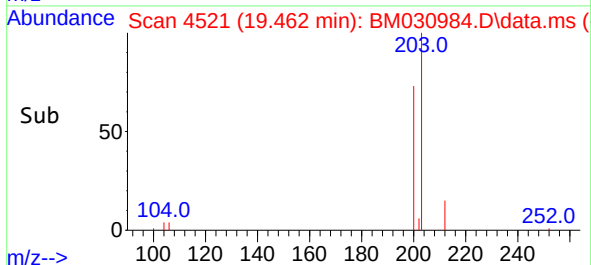
Tgt Ion:202 Resp: 2866
Ion Ratio Lower Upper
202 100
101 33.8 6.3 9.5#
100 18.6 5.0 7.6#



#20
Pyrene
Concen: 0.029 ng/u1
RT: 19.462 min Scan# 4521
Delta R.T. 0.011 min
Lab File: BM030984.D
Acq: 15 Jul 2021 17:12



Tgt Ion:202 Resp: 792
Ion Ratio Lower Upper
202 100
101 50.7 6.6 10.0#
100 29.8 5.6 8.4#



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