

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071621\
 Data File : BM030996.D
 Acq On : 16 Jul 2021 19:06
 Operator : CG/JU
 Sample : M2905-21
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBK32RE

Manual Integrations
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mohammad
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Quant Time: Jul 16 23:19:07 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 : Fri Jul 16 16:49:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.649	152	1102	0.40	ng/ul	0.00
4) Naphthalene-d8	10.418	136	5447	0.40	ng/ul	# 0.00
9) Acenaphthene-d10	14.292	164	12797	0.40	ng/ul	# 0.01
13) Phenanthrene-d10	17.030	188	9957m	0.40	ng/ul	0.00
17) Chrysene-d12	21.214	240	7347	0.40	ng/ul	0.00
23) Perylene-d12	23.399	264	7117	0.40	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.224	96	5657	4.99	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.010	152	3562	0.38	ng/ul	0.00
18) Fluoranthene-d10	19.058	212	10114	0.41	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.258	88	977	0.77	ng/ul#	85
5) Naphthalene	10.468	128	152541	9.38	ng/ul	95
7) 2-Methylnaphthalene	12.082	142	69798	6.08	ng/ul	97
8) 1-Methylnaphthalene	12.307	142	49072	4.37	ng/ul	95
11) Acenaphthene	14.345	153	3071m	0.07	ng/ul	
12) Fluorene	15.334	166	7478	0.14	ng/ul#	91
14) Pentachlorophenol	16.686	266	162	0.05	ng/ul	94
15) Phenanthrene	17.068	178	7143	0.23	ng/ul#	33
16) Anthracene	17.148	178	2287m	0.08	ng/ul	
19) Fluoranthene	19.065	202	3234	0.10	ng/ul#	35
20) Pyrene	19.462	202	1367	0.04	ng/ul#	1

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

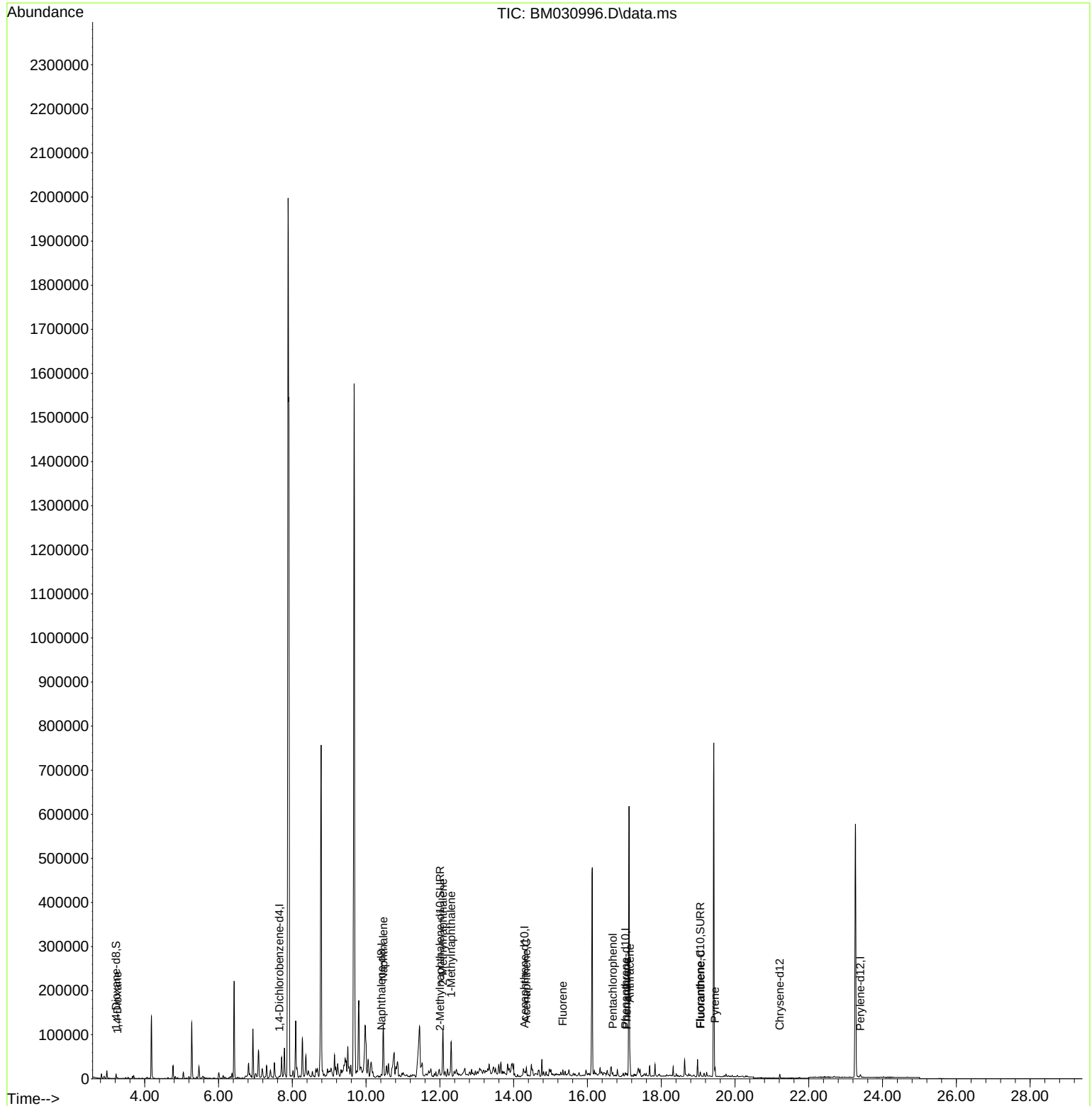
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071621\
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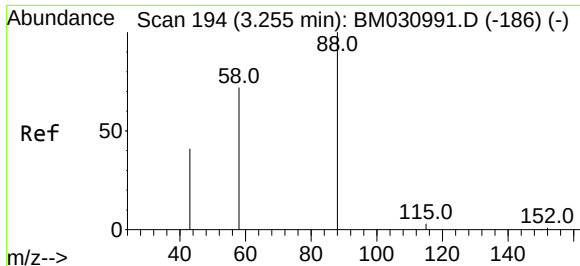
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#2
1,4-Dioxane
Concen: 0.77 ng/ul
RT: 3.258 min Scan# 195
Delta R.T. 0.003 min
Lab File: BM030996.D
Acq: 16 Jul 2021 19:06

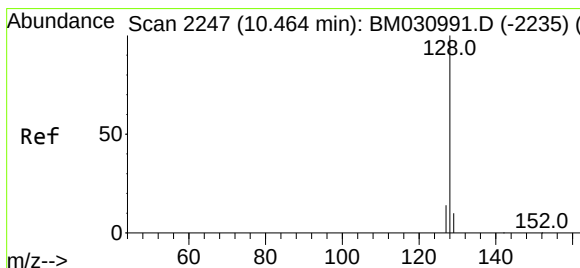
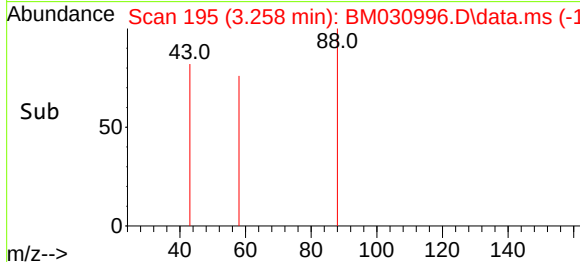
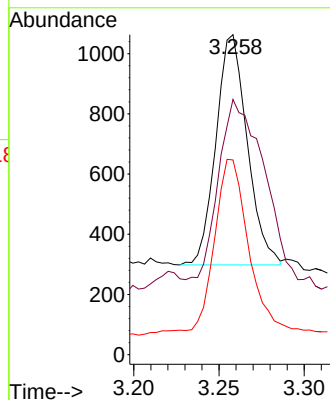
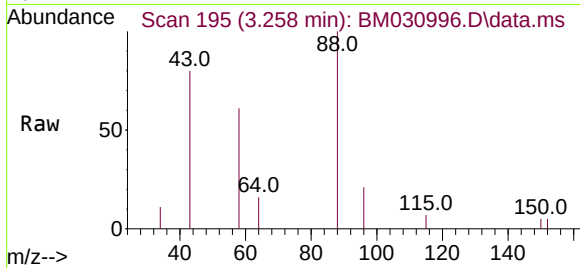
Tgt Ion: 88 Resp: 977

Ion	Ratio	Lower	Upper
88	100		
43	79.8	48.2	72.4#
58	60.9	46.0	69.0

Instrument :
BNA_M
ClientSampled :
DBK32RE

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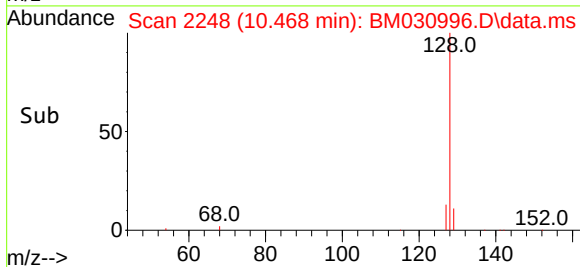
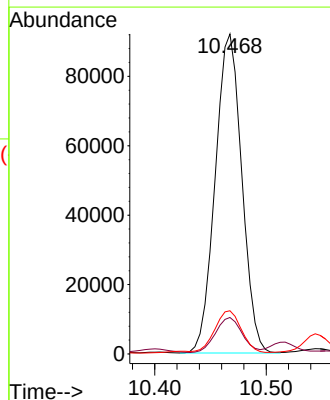
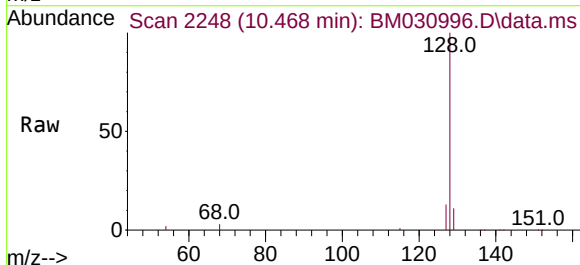
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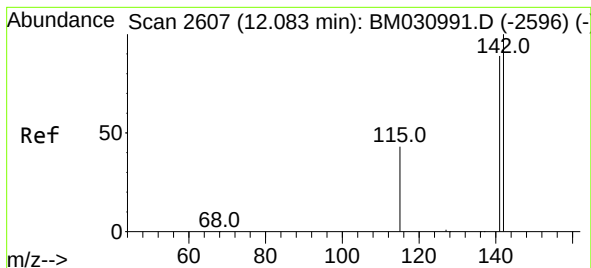


#5
Naphthalene
Concen: 9.38 ng/ul
RT: 10.468 min Scan# 2248
Delta R.T. 0.003 min
Lab File: BM030996.D
Acq: 16 Jul 2021 19:06

Tgt Ion: 128 Resp: 152541

Ion	Ratio	Lower	Upper
128	100		
129	11.4	10.7	16.1
127	13.5	12.7	19.1





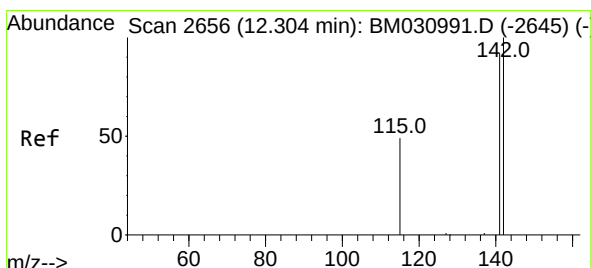
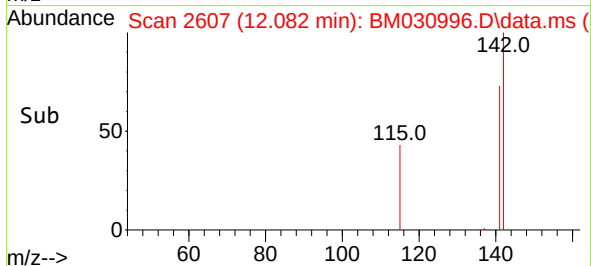
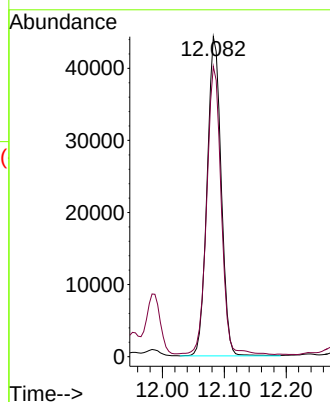
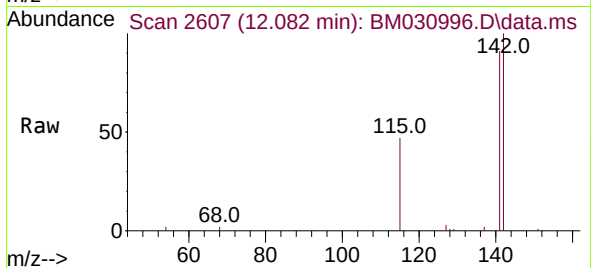
#7
2-Methylnaphthalene
Concen: 6.08 ng/ul
RT: 12.082 min Scan# 2607
Delta R.T. -0.001 min
Lab File: BM030996.D
Acq: 16 Jul 2021 19:06

Tgt Ion:142 Resp: 69798
Ion Ratio Lower Upper
142 100
141 92.9 71.8 107.8

Instrument :
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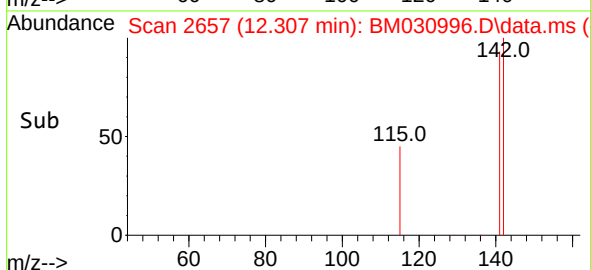
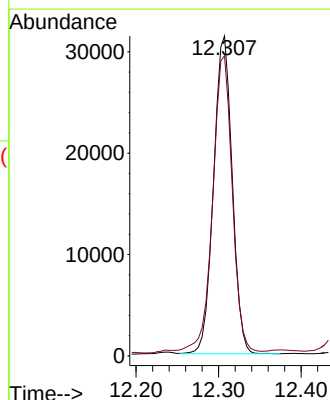
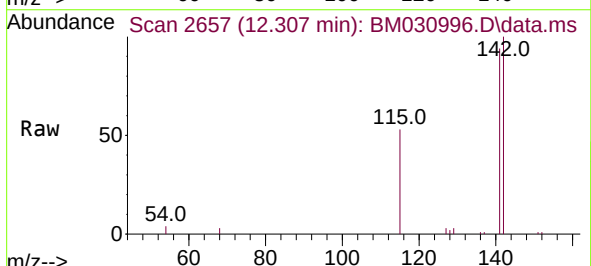
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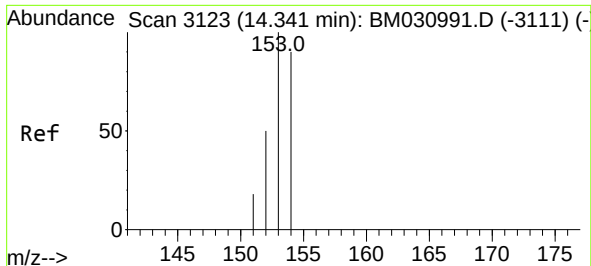
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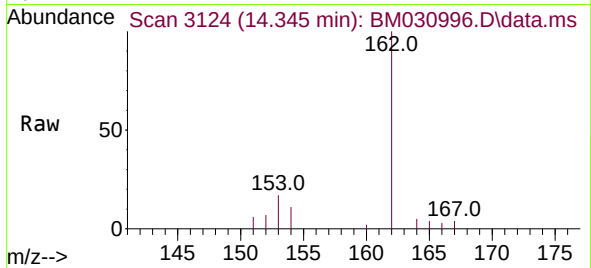
#8
1-Methylnaphthalene
Concen: 4.37 ng/ul
RT: 12.307 min Scan# 2657
Delta R.T. 0.003 min
Lab File: BM030996.D
Acq: 16 Jul 2021 19:06

Tgt Ion:142 Resp: 49072
Ion Ratio Lower Upper
142 100
141 96.9 73.8 110.8

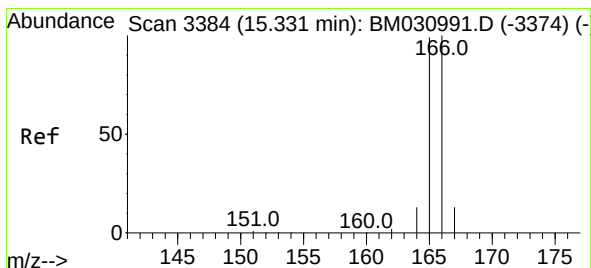
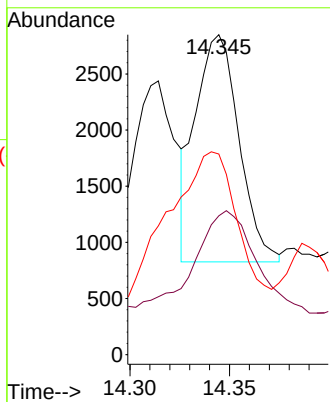
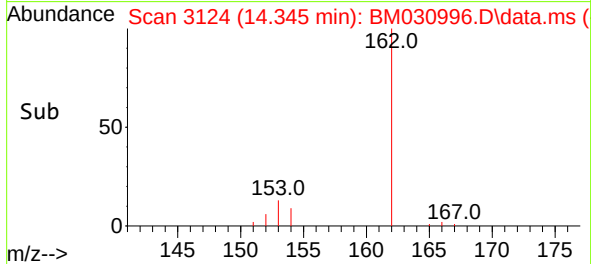




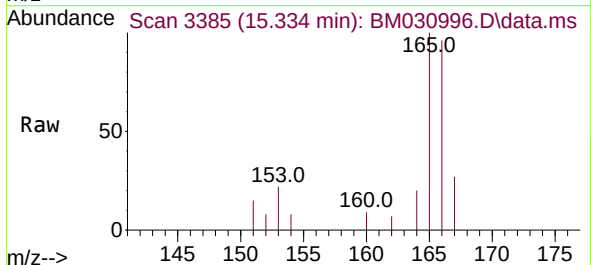
#11
Acenaphthene
Concen: 0.07 ng/ul m
RT: 14.345 min Scan# 3124
Delta R.T. 0.003 min
Lab File: BM030996.D
Acq: 16 Jul 2021 19:06



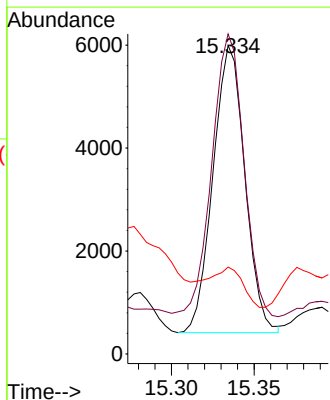
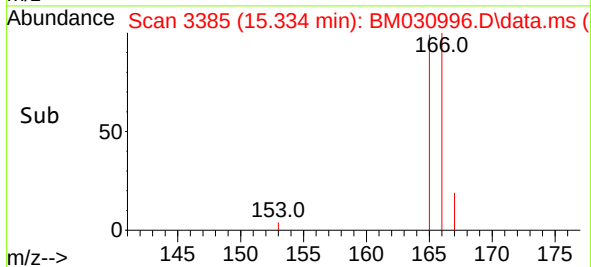
Tgt Ion:153 Resp: 3071
Ion Ratio Lower Upper
153 100
152 43.4 39.3 58.9
154 62.7 68.5 102.7#



#12
Fluorene
Concen: 0.14 ng/ul
RT: 15.334 min Scan# 3385
Delta R.T. 0.003 min
Lab File: BM030996.D
Acq: 16 Jul 2021 19:06



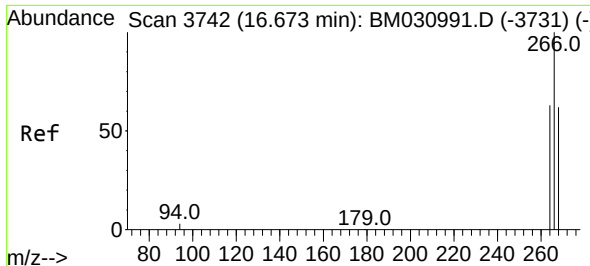
Tgt Ion:166 Resp: 7478
Ion Ratio Lower Upper
166 100
165 103.7 78.7 118.1
167 28.1 12.5 18.7#



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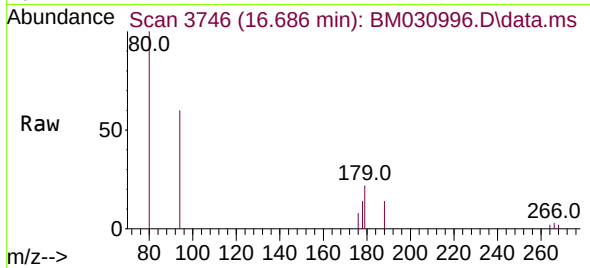
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#14
Pentachlorophenol
Concen: 0.05 ng/ul
RT: 16.686 min Scan# 3746
Delta R.T. 0.014 min
Lab File: BM030996.D
Acq: 16 Jul 2021 19:06

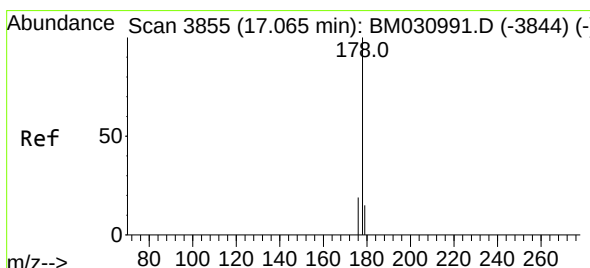
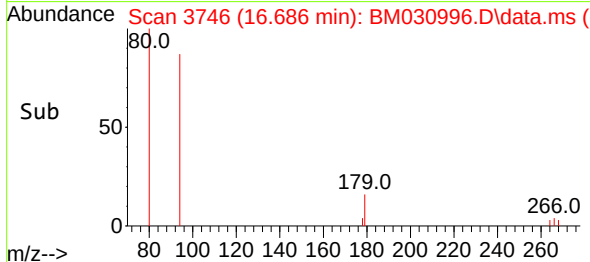
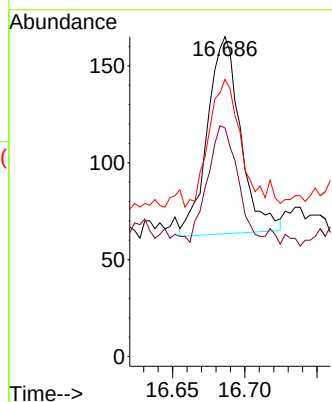
Instrument :
BNA_M
ClientSampled :
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Tgt Ion:	266	Resp:	162
Ion Ratio	Lower	Upper	
266	100		
264	53.1	49.5	74.3
268	64.2	50.4	75.6

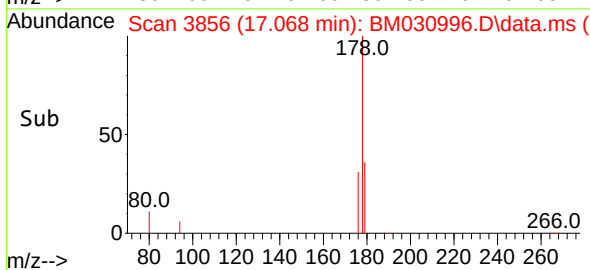
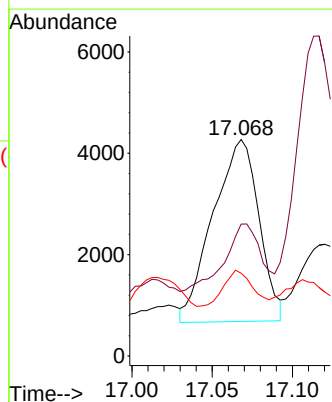
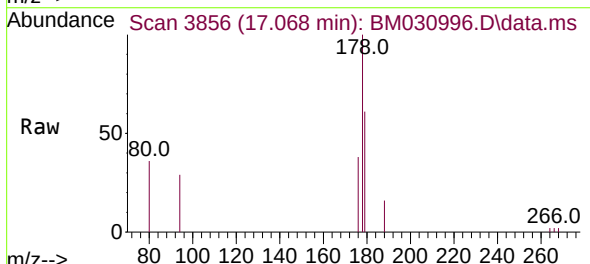
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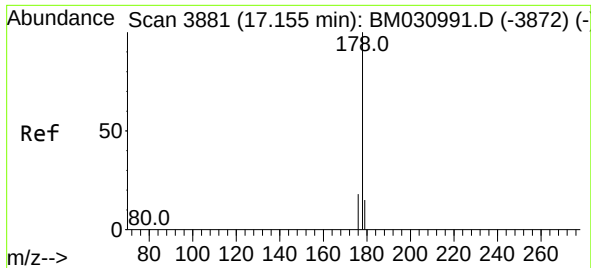
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#15
Phenanthrene
Concen: 0.23 ng/ul
RT: 17.068 min Scan# 3856
Delta R.T. 0.003 min
Lab File: BM030996.D
Acq: 16 Jul 2021 19:06

Tgt Ion:	178	Resp:	7143
Ion Ratio	Lower	Upper	
178	100		
179	61.0	13.8	20.6#
176	38.2	16.4	24.6#





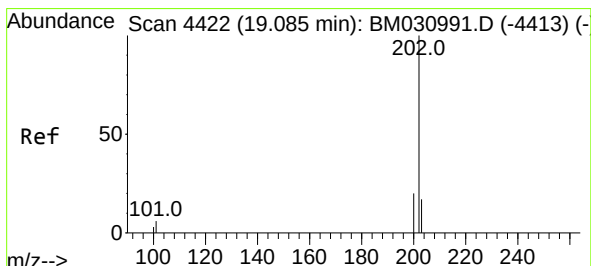
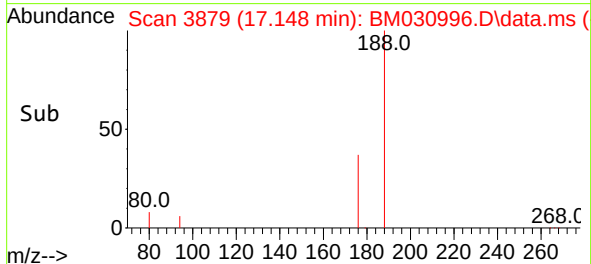
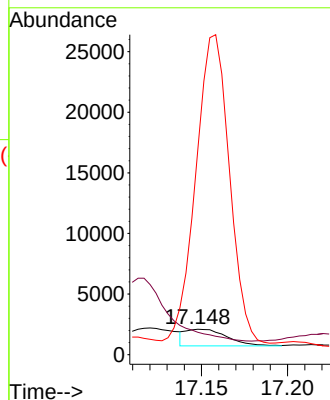
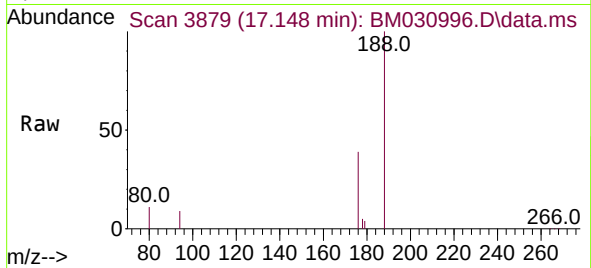
#16
 Anthracene
 Concen: 0.08 ng/ul m
 RT: 17.148 min Scan# 3879
 Delta R.T. -0.007 min
 Lab File: BM030996.D
 Acq: 16 Jul 2021 19:06

Tgt Ion:178 Resp: 2287
 Ion Ratio Lower Upper
 178 100
 179 88.1 14.5 21.7#
 176 806.1 16.1 24.1#

Instrument :
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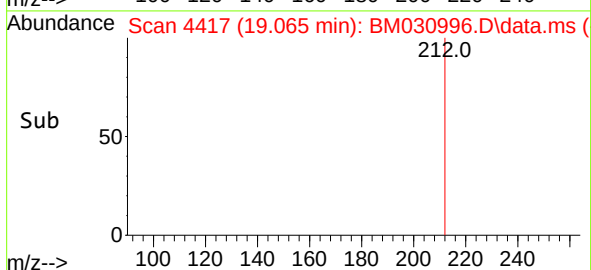
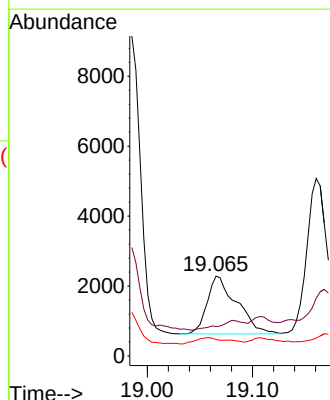
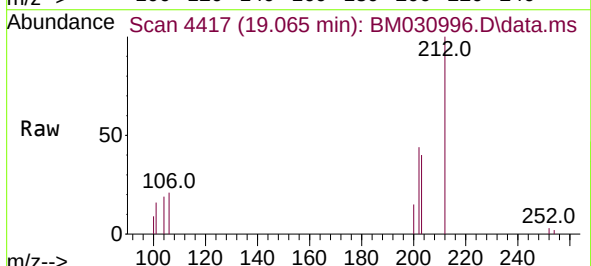
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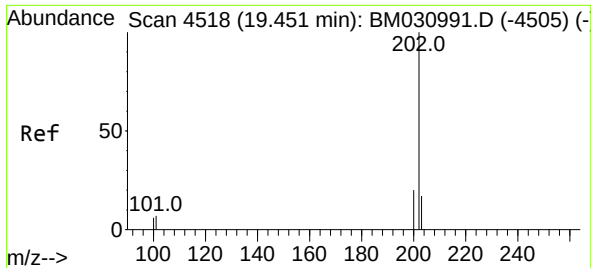
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#19
 Fluoranthene
 Concen: 0.10 ng/ul
 RT: 19.065 min Scan# 4417
 Delta R.T. -0.019 min
 Lab File: BM030996.D
 Acq: 16 Jul 2021 19:06

Tgt Ion:202 Resp: 3234
 Ion Ratio Lower Upper
 202 100
 101 37.0 6.3 9.5#
 100 20.5 5.0 7.6#





#20

Pyrene

Concen: 0.04 ng/ul

RT: 19.462 min Scan# 4521

Delta R.T. 0.011 min

Lab File: BM030996.D

Acq: 16 Jul 2021 19:06

Tgt Ion	Ratio	Lower	Upper
202	100		
101	58.3	6.6	10.0#
100	30.5	5.6	8.4#

Instrument :

BNA_M

ClientSampleId :

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