

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
 Data File : BM031674.D
 Acq On : 12 Aug 2021 13:08
 Operator : CG/JU
 Sample : M3182-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00D1

Manual Integrations
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mohammad
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Quant Time: Aug 12 13:38:46 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 12 11:28:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.573	152	1234	0.400	ng/ul	0.00
4) Naphthalene-d8	10.333	136	4579	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.204	164	2810	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.957	188	4950	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.156	240	3928	0.400	ng/ul	# 0.00
23) Perylene-d12	23.311	264	3801	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.182	96	3943	2.877	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.925	152	1618	0.210	ng/ul	0.00
18) Fluoranthene-d10	18.989	212	3191	0.243	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.378	128	33409	2.449	ng/ul	97
7) 2-Methylnaphthalene	12.001	142	21140	2.269	ng/ul	99
8) 1-Methylnaphthalene	12.222	142	10434	1.133	ng/ul	100
10) Acenaphthylene	13.926	152	13107	1.095	ng/ul	98
11) Acenaphthene	14.265	153	1421m	0.141	ng/ul	
12) Fluorene	15.258	166	2107	0.182	ng/ul#	90
14) Pentachlorophenol	16.613	266	45	0.028	ng/ul#	89
15) Phenanthrene	16.995	178	73260	4.661	ng/ul	98
16) Anthracene	17.089	178	14667	0.997	ng/ul	99
19) Fluoranthene	19.020	202	146584	8.739	ng/ul	97
20) Pyrene	19.386	202	123390	7.253	ng/ul	98
21) Benzo(a)anthracene	21.139	228	72286	4.557	ng/ul	96
22) Chrysene	21.190	228	83400	5.082	ng/ul	98
24) Benzo(b)fluoranthene	22.674	252	115666m	6.754	ng/ul	
25) Benzo(k)fluoranthene	22.713	252	41462m	2.343	ng/ul	
26) Benzo(a)pyrene	23.219	252	65479	4.366	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.446	276	49426	2.549	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.453	278	12378	0.792	ng/ul#	93
29) Benzo(g,h,i)perylene	26.100	276	12895	0.780	ng/ul	94

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

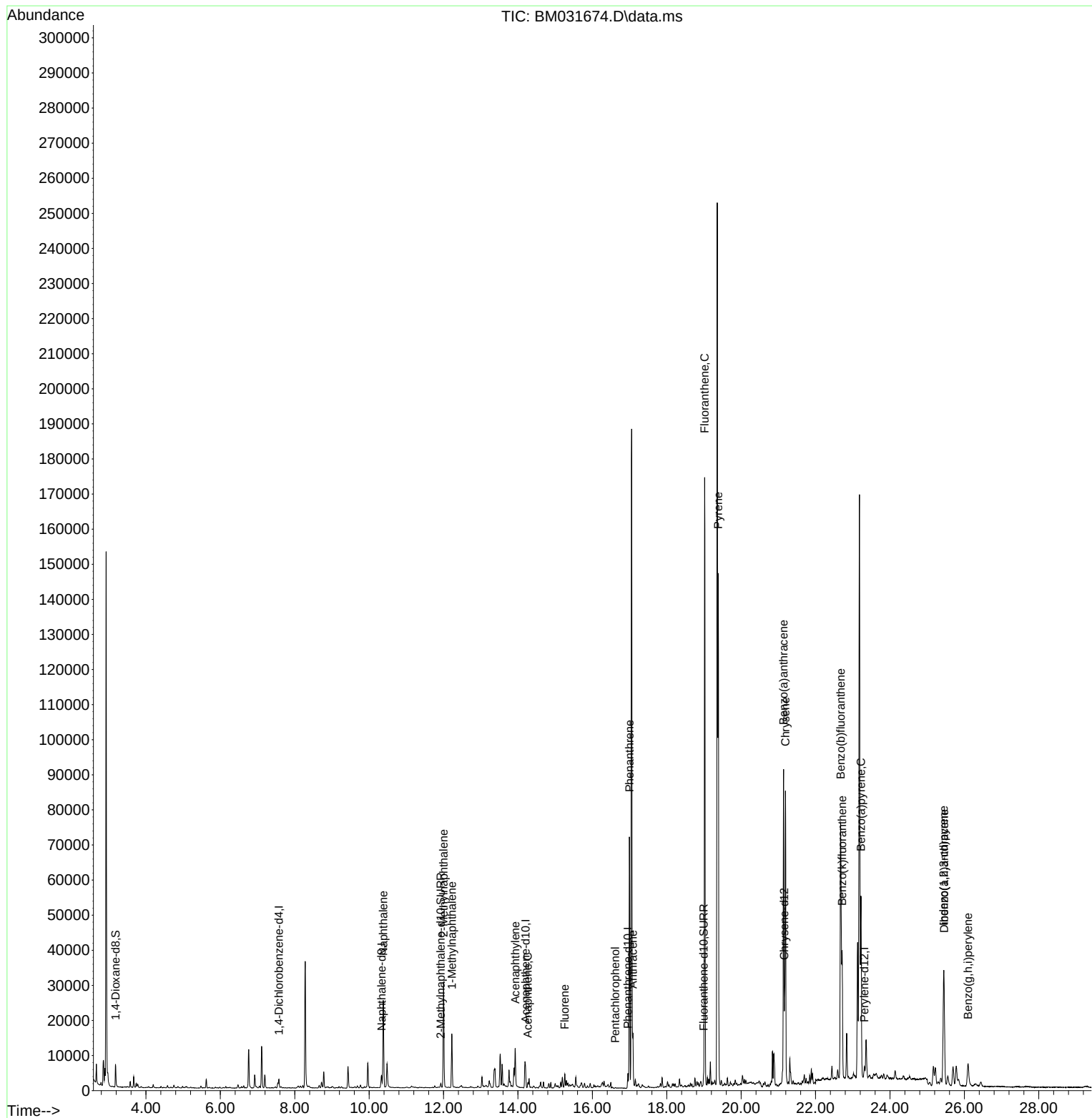
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
Data File : BM031674.D
Acq On : 12 Aug 2021 13:08
Operator : CG/JU
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ALS Vial : 8 Sample Multiplier: 1

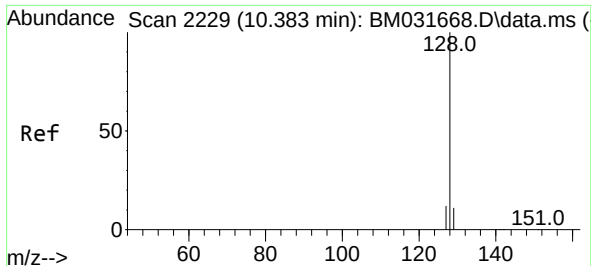
Instrument :
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C00D1

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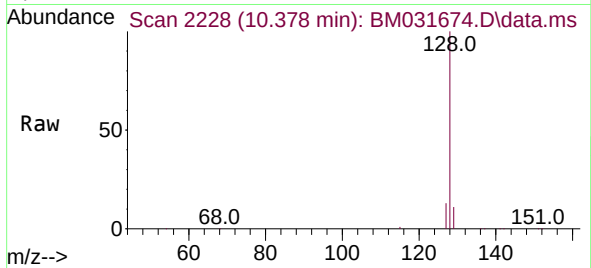
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Quant Time: Aug 12 13:38:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 11:28:10 2021
Response via : Initial Calibration

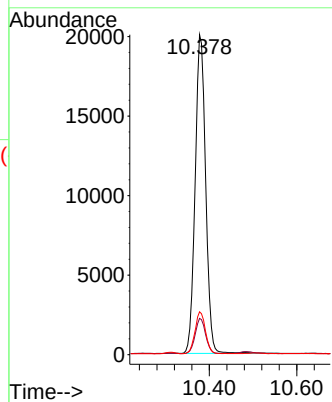
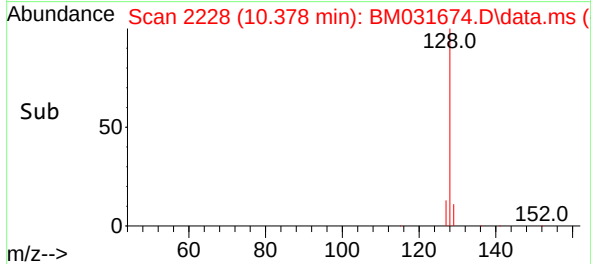




#5
Naphthalene
Concen: 2.449 ng/ul
RT: 10.378 min Scan# 2228
Delta R.T. -0.006 min
Lab File: BM031674.D
Acq: 12 Aug 2021 13:08



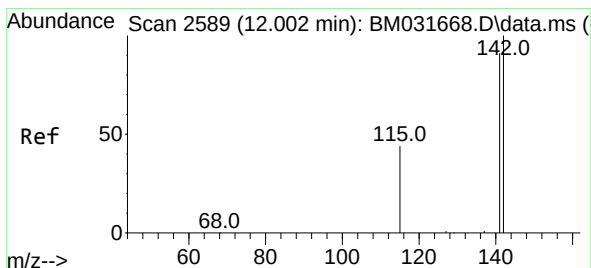
Tgt Ion:128 Resp: 33409
Ion Ratio Lower Upper
128 100
129 11.3 10.0 15.0
127 13.4 11.6 17.4



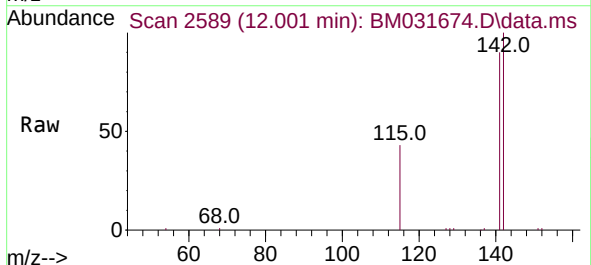
Instrument :
BNA_M
ClientSampleId :
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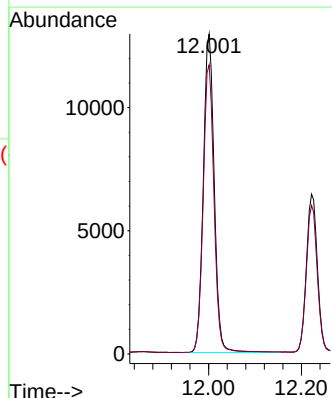
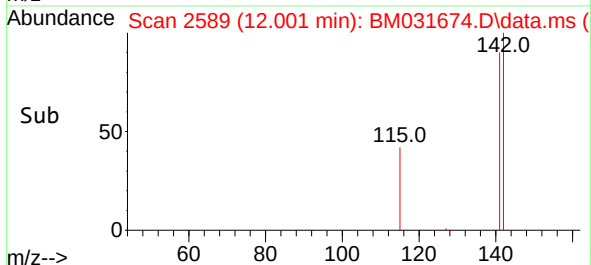
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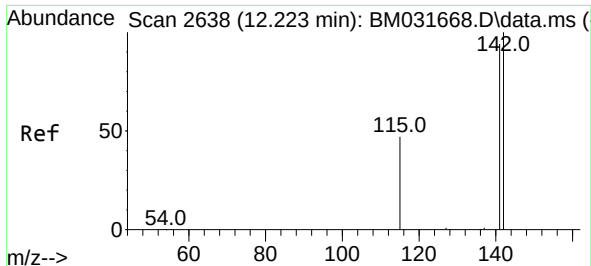


#7
2-Methylnaphthalene
Concen: 2.269 ng/ul
RT: 12.001 min Scan# 2589
Delta R.T. -0.001 min
Lab File: BM031674.D
Acq: 12 Aug 2021 13:08



Tgt Ion:142 Resp: 21140
Ion Ratio Lower Upper
142 100
141 90.2 71.4 107.0





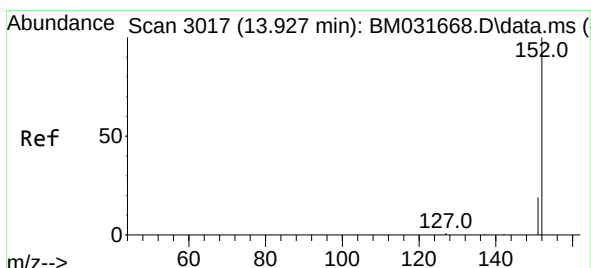
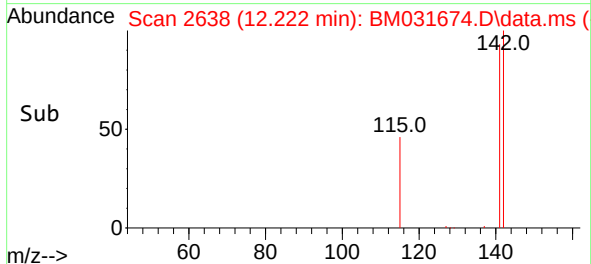
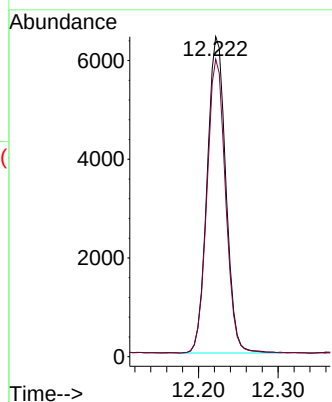
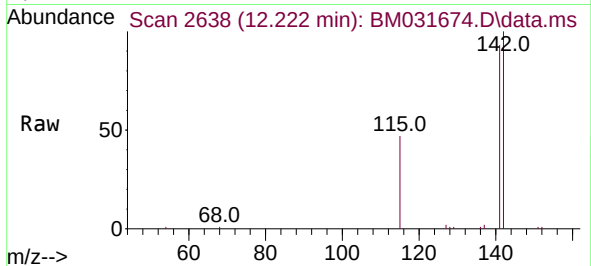
#8
1-Methylnaphthalene
Concen: 1.133 ng/ul
RT: 12.222 min Scan# 2638
Delta R.T. -0.001 min
Lab File: BM031674.D
Acq: 12 Aug 2021 13:08

Tgt Ion:142 Resp: 10434
Ion Ratio Lower Upper
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141 92.6 74.1 111.1

Instrument :
BNA_M
ClientSampled :
C00D1

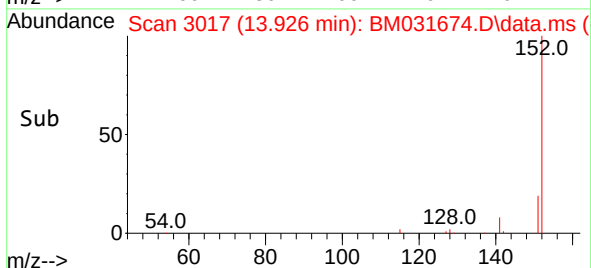
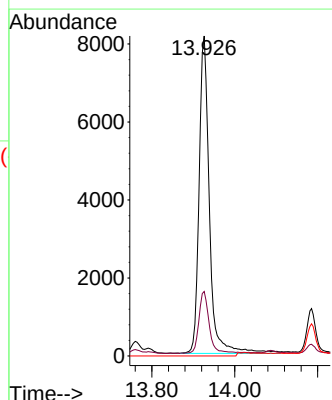
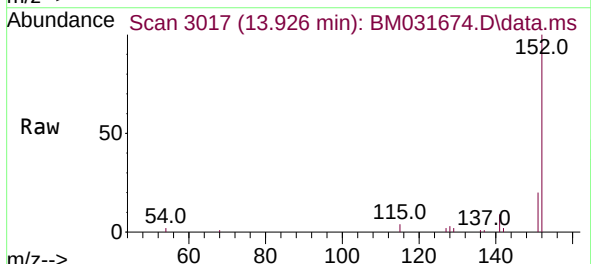
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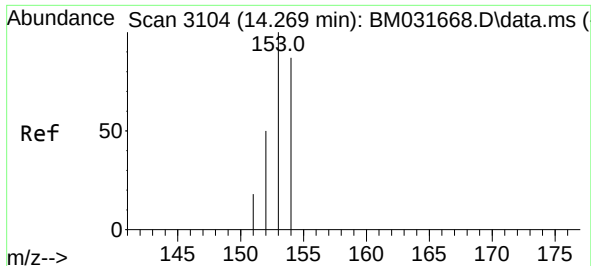
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#10
Acenaphthylene
Concen: 1.095 ng/ul
RT: 13.926 min Scan# 3017
Delta R.T. -0.001 min
Lab File: BM031674.D
Acq: 12 Aug 2021 13:08

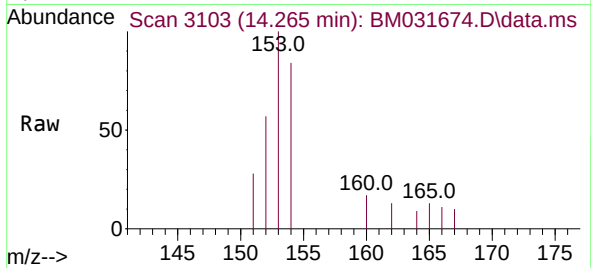
Tgt Ion:152 Resp: 13107
Ion Ratio Lower Upper
152 100
151 20.1 16.9 25.3
153 0.0 0.0 0.0



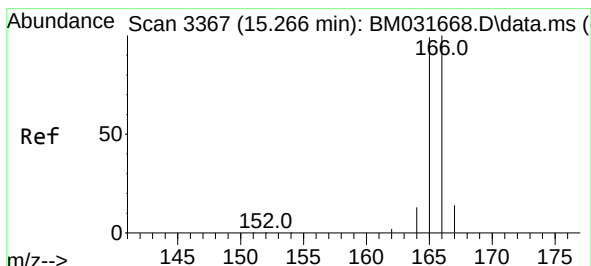
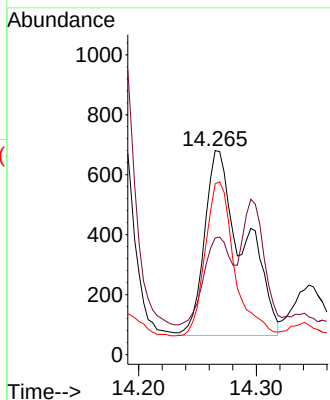
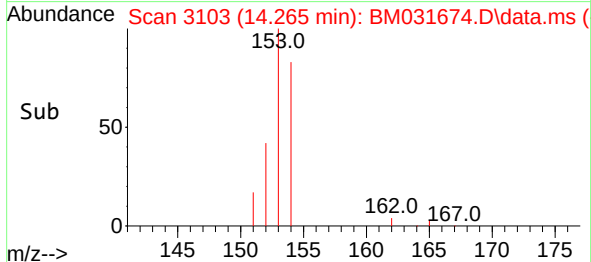


#11
Acenaphthene
Concen: 0.141 ng/ul m
RT: 14.265 min Scan# 3103
Delta R.T. -0.004 min
Lab File: BM031674.D
Acq: 12 Aug 2021 13:08

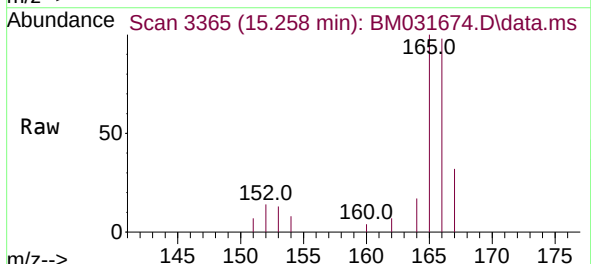
Instrument :
BNA_M
ClientSampled :
C00D1



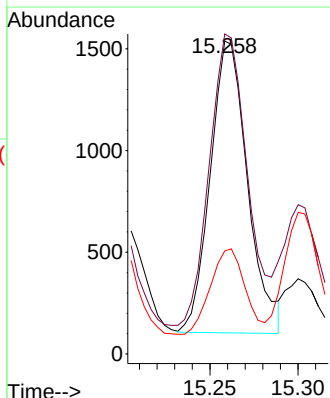
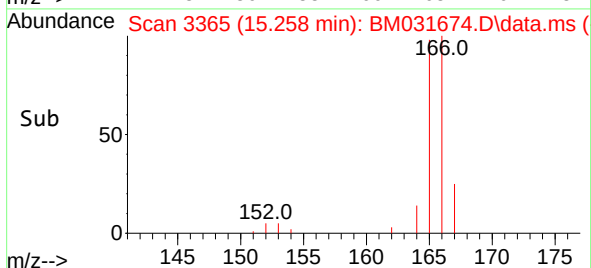
Tgt Ion:153 Resp: 1421
Ion Ratio Lower Upper
153 100
152 57.1 40.7 61.1
154 83.7 70.2 105.2

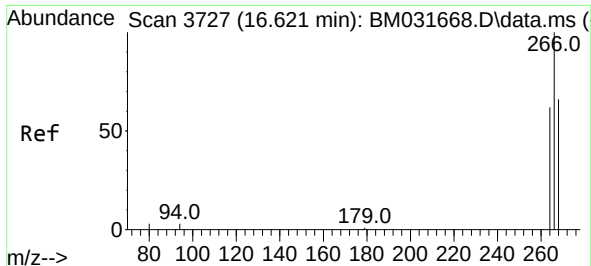


#12
Fluorene
Concen: 0.182 ng/ul
RT: 15.258 min Scan# 3365
Delta R.T. -0.008 min
Lab File: BM031674.D
Acq: 12 Aug 2021 13:08



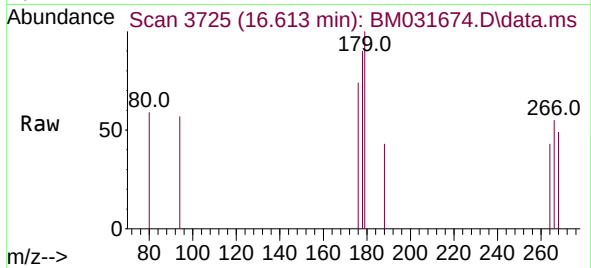
Tgt Ion:166 Resp: 2107
Ion Ratio Lower Upper
166 100
165 102.3 78.0 117.0
167 33.0 12.0 18.0#





#14
Pentachlorophenol
Concen: 0.028 ng/ul
RT: 16.613 min Scan# 3725
Delta R.T. -0.007 min
Lab File: BM031674.D
Acq: 12 Aug 2021 13:08

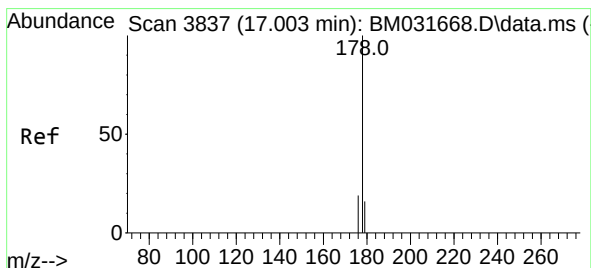
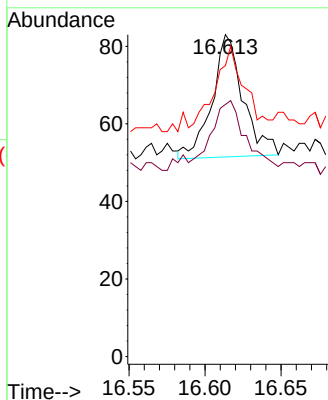
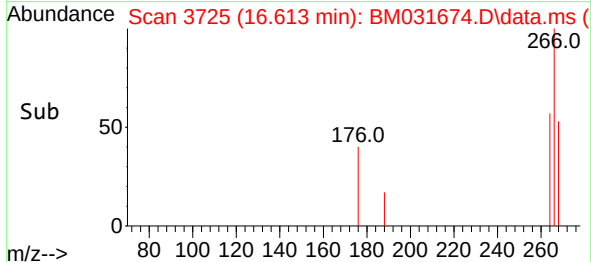
Instrument :
BNA_M
ClientSampled :
C00D1



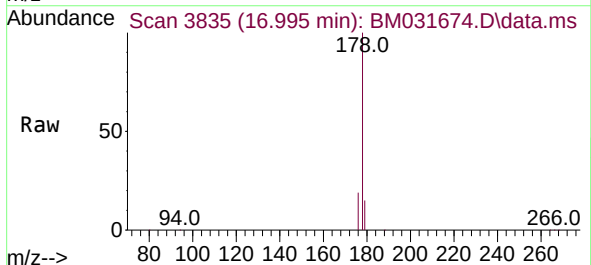
Tgt Ion:266 Resp: 45
Ion Ratio Lower Upper
266 100
264 62.2 50.1 75.1
268 80.0 51.3 76.9#

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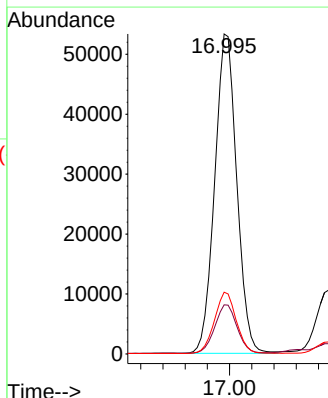
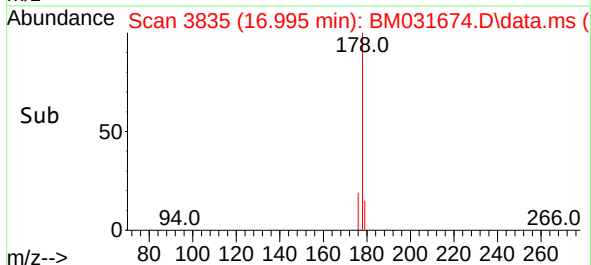
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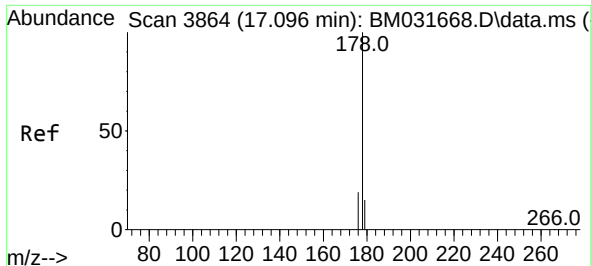


#15
Phenanthrene
Concen: 4.661 ng/ul
RT: 16.995 min Scan# 3835
Delta R.T. -0.007 min
Lab File: BM031674.D
Acq: 12 Aug 2021 13:08



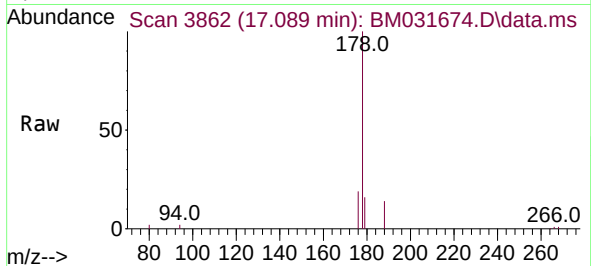
Tgt Ion:178 Resp: 73260
Ion Ratio Lower Upper
178 100
179 15.4 13.3 19.9
176 19.3 16.2 24.4





#16
 Anthracene
 Concen: 0.997 ng/ul
 RT: 17.089 min Scan# 3862
 Delta R.T. -0.007 min
 Lab File: BM031674.D
 Acq: 12 Aug 2021 13:08

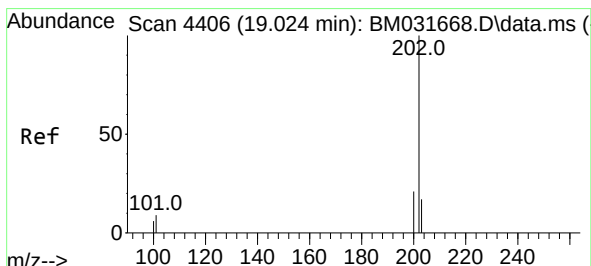
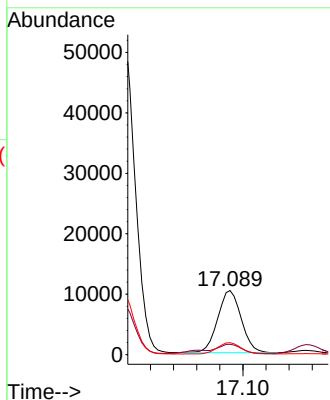
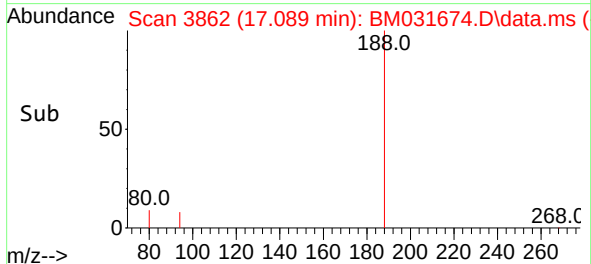
Instrument :
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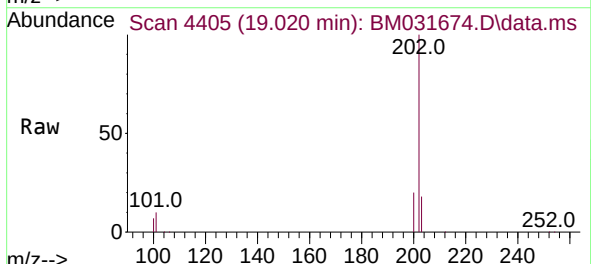
Tgt Ion:178 Resp: 14667
 Ion Ratio Lower Upper
 178 100
 179 16.2 13.0 19.6
 176 18.8 15.6 23.4

Manual Integrations
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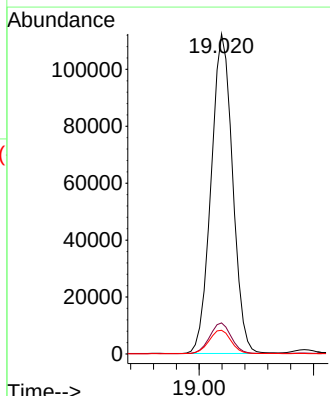
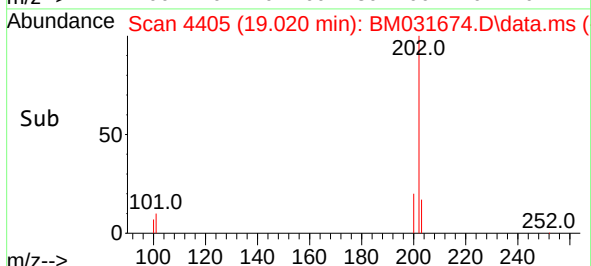
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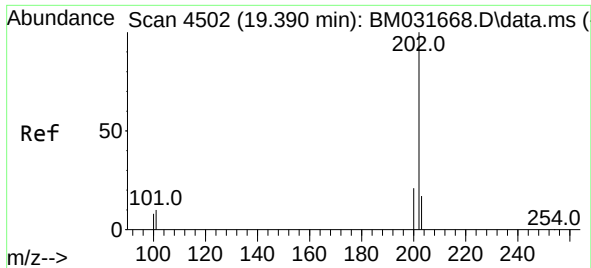


#19
 Fluoranthene
 Concen: 8.739 ng/ul
 RT: 19.020 min Scan# 4405
 Delta R.T. -0.004 min
 Lab File: BM031674.D
 Acq: 12 Aug 2021 13:08



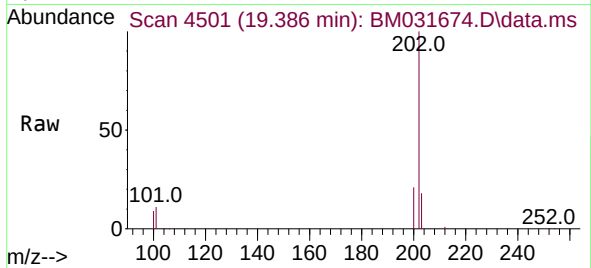
Tgt Ion:202 Resp: 146584
 Ion Ratio Lower Upper
 202 100
 101 9.7 6.6 10.0
 100 7.4 5.4 8.0





#20
Pyrene
Concen: 7.253 ng/ul
RT: 19.386 min Scan# 4501
Delta R.T. -0.004 min
Lab File: BM031674.D
Acq: 12 Aug 2021 13:08

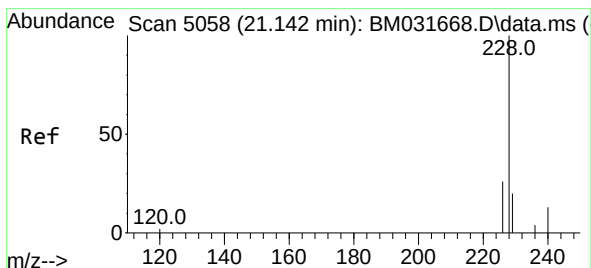
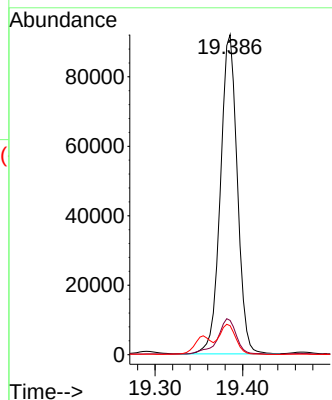
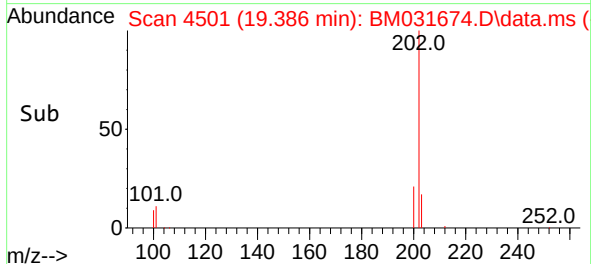
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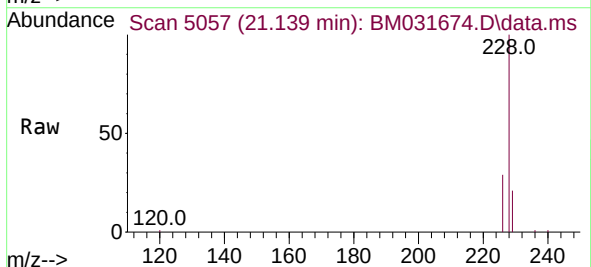
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Ion Ratio Lower Upper
202 100
101 10.7 7.8 11.6
100 9.0 6.6 10.0

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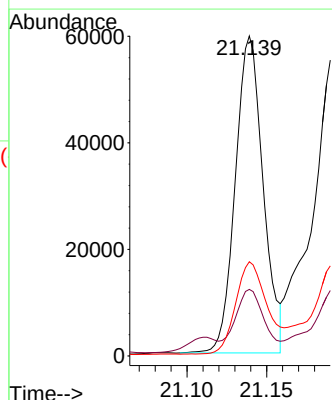
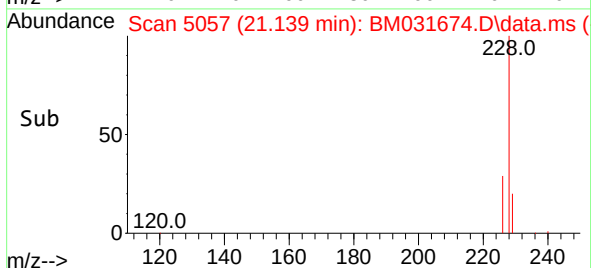
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8/13/2021 5:13:48 PM

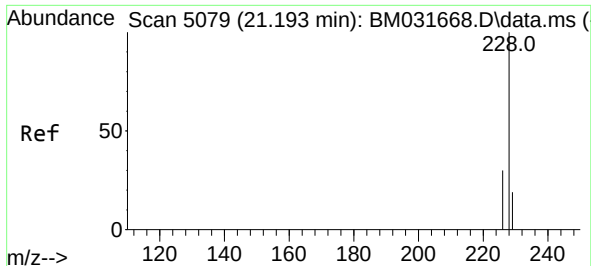


#21
Benzo(a)anthracene
Concen: 4.557 ng/ul
RT: 21.139 min Scan# 5057
Delta R.T. -0.003 min
Lab File: BM031674.D
Acq: 12 Aug 2021 13:08

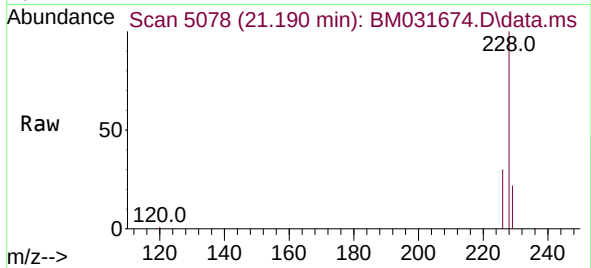


Tgt Ion:228 Resp: 72286
Ion Ratio Lower Upper
228 100
229 20.8 15.6 23.4
226 29.5 21.7 32.5

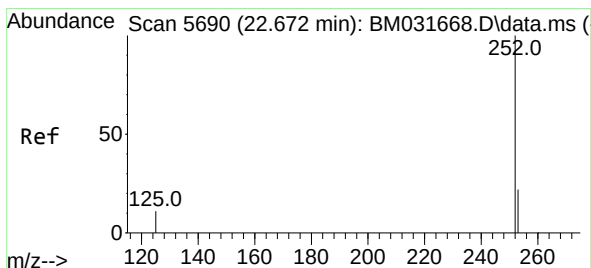
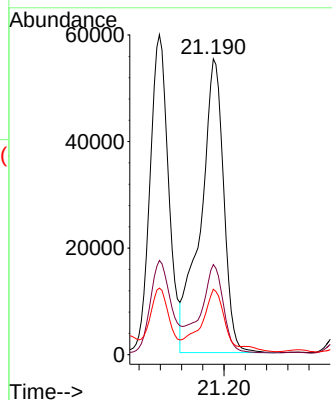
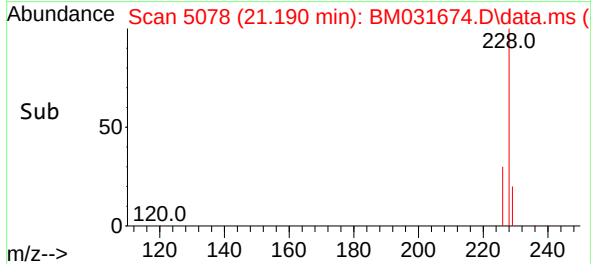




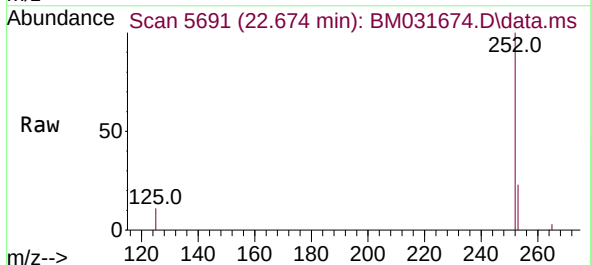
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Chrysene
Concen: 5.082 ng/ul
RT: 21.190 min Scan# 5078
Delta R.T. -0.003 min
Lab File: BM031674.D
Acq: 12 Aug 2021 13:08



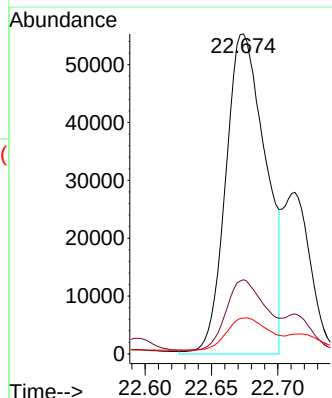
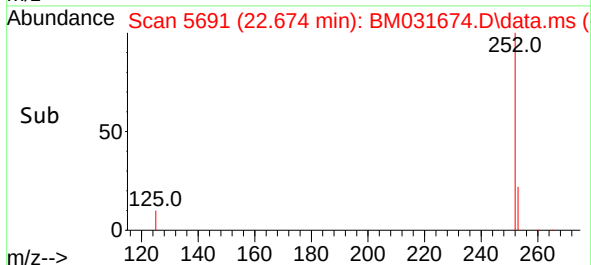
Tgt Ion:228 Resp: 83400
Ion Ratio Lower Upper
228 100
226 30.5 24.7 37.1
229 22.1 16.2 24.2



#24
Benzo(b)fluoranthene
Concen: 6.754 ng/ul m
RT: 22.674 min Scan# 5691
Delta R.T. 0.002 min
Lab File: BM031674.D
Acq: 12 Aug 2021 13:08



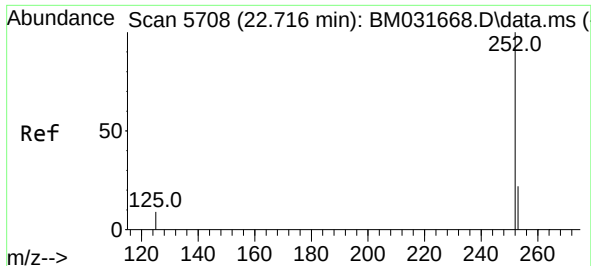
Tgt Ion:252 Resp: 115666
Ion Ratio Lower Upper
252 100
253 23.2 0.0 53.0
125 11.2 0.0 22.8



Instrument :
BNA_M
ClientSampleId :
C00D1

Manual Integrations
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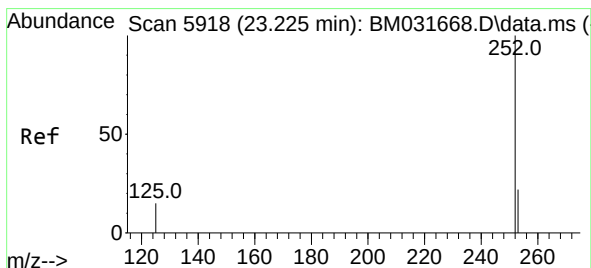
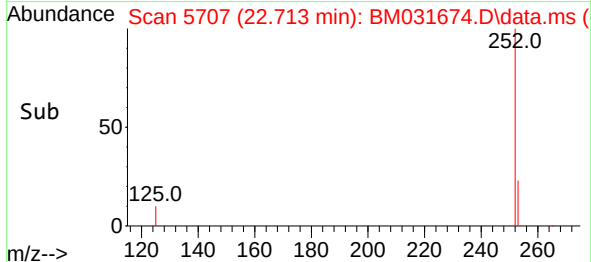
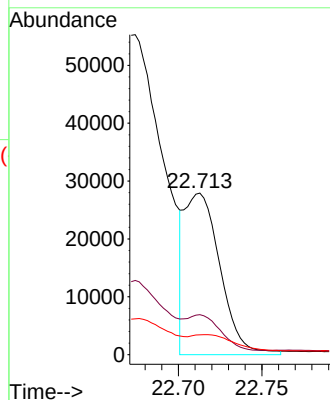
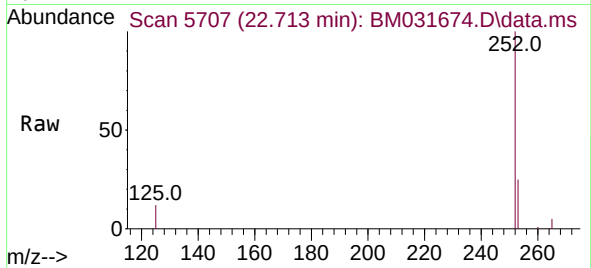
#25
Benzo(k)fluoranthene
Concen: 2.343 ng/ul m
RT: 22.713 min Scan# 5707
Delta R.T. -0.003 min
Lab File: BM031674.D
Acq: 12 Aug 2021 13:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	21.3	31.9
125	12.2	8.8	13.2

Instrument :
BNA_M
ClientSampleId :
C00D1

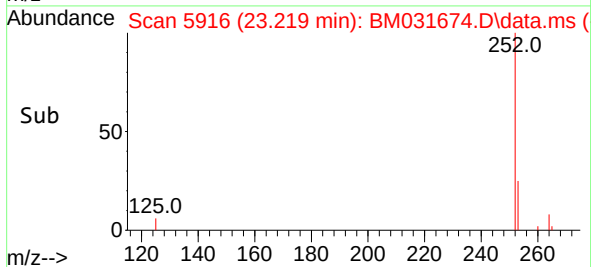
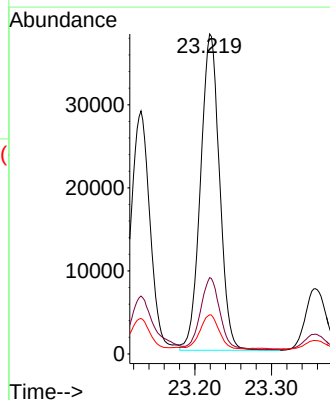
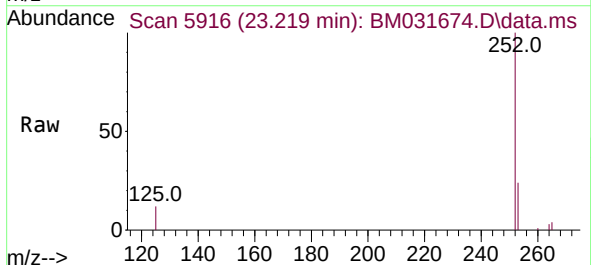
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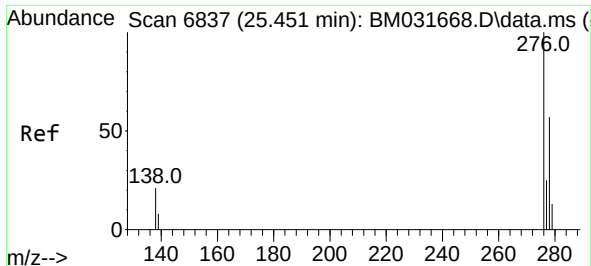
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#26
Benzo(a)pyrene
Concen: 4.366 ng/ul
RT: 23.219 min Scan# 5916
Delta R.T. -0.005 min
Lab File: BM031674.D
Acq: 12 Aug 2021 13:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	22.4	33.6
125	12.3	13.0	19.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 2.549 ng/ul

RT: 25.446 min Scan# 6835

Delta R.T. -0.005 min

Lab File: BM031674.D

Acq: 12 Aug 2021 13:08

Tgt Ion:	276	Resp:	49426
Ion Ratio	Lower	Upper	
276	100		
138	19.3	15.8	23.8
227	0.0	0.0	0.0

Instrument :

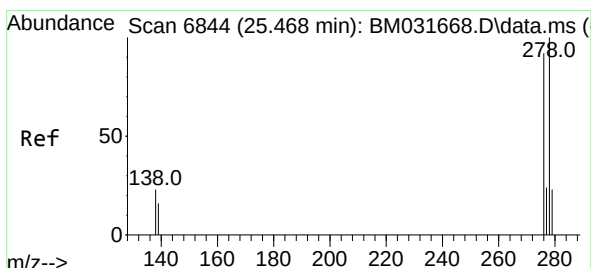
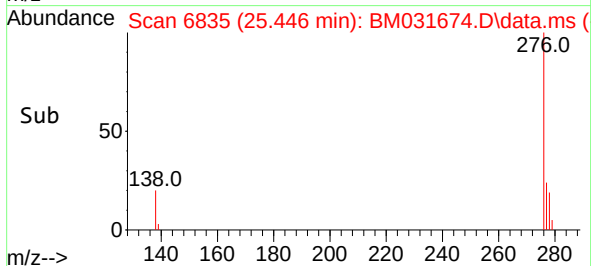
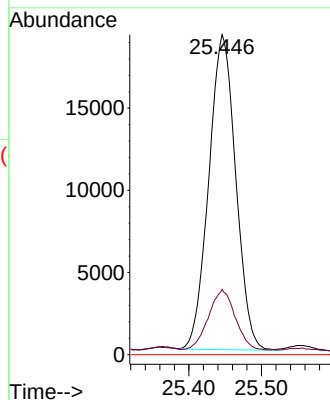
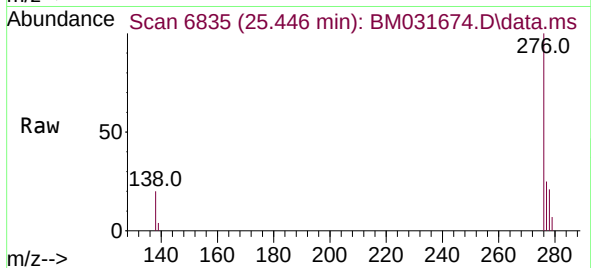
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ClientSampleId :

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#28

Dibenzo(a,h)anthracene

Concen: 0.792 ng/ul

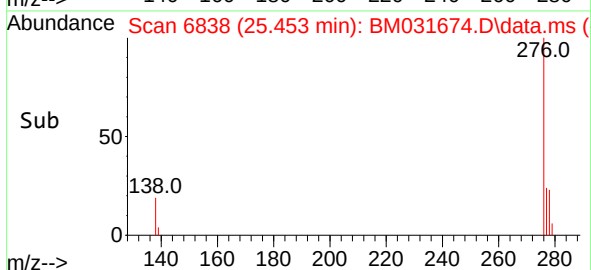
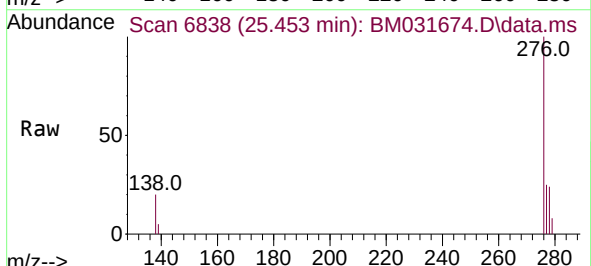
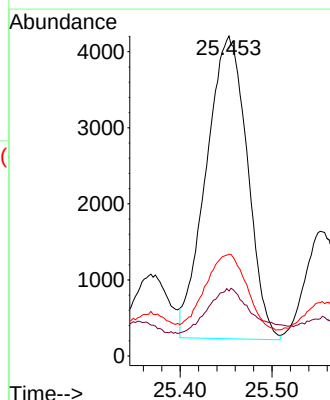
RT: 25.453 min Scan# 6838

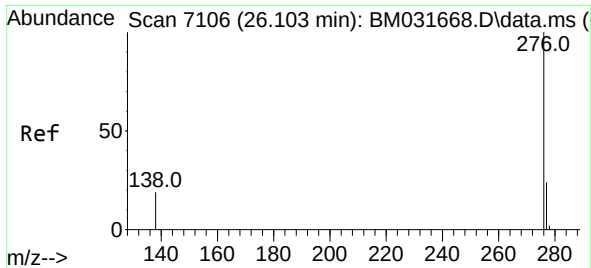
Delta R.T. -0.015 min

Lab File: BM031674.D

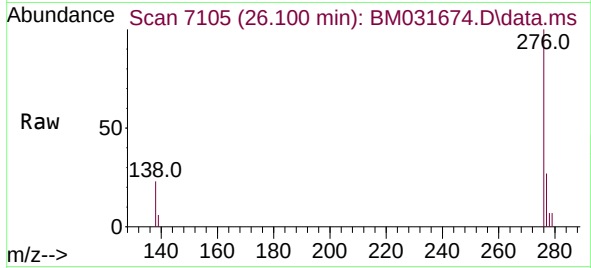
Acq: 12 Aug 2021 13:08

Tgt Ion:	278	Resp:	12378
Ion Ratio	Lower	Upper	
278	100		
139	20.3	13.3	19.9#
279	31.8	22.8	34.2

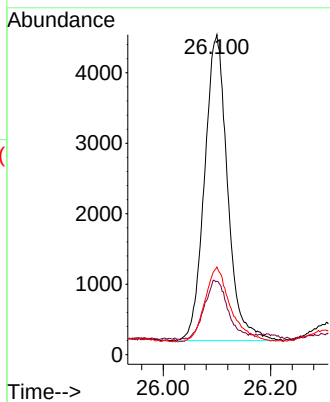
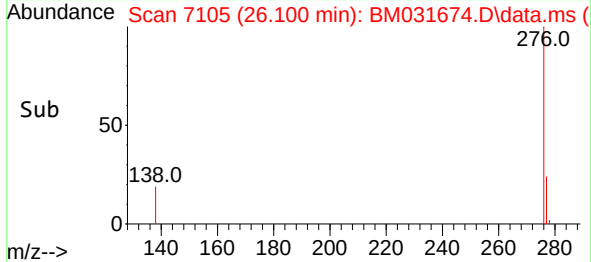




#29
Benzo(g,h,i)perylene
Concen: 0.780 ng/ul
RT: 26.100 min Scan# 7105
Delta R.T. -0.003 min
Lab File: BM031674.D
Acq: 12 Aug 2021 13:08



Tgt Ion:	276	Resp:	12895
Ion Ratio	Lower	Upper	
276	100		
138	22.9	15.4	23.2
277	27.4	19.9	29.9



Instrument :
BNA_M
ClientSampleId :
C00D1

Manual Integrations
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