

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080921\
 Data File : BM031629.D
 Acq On : 10 Aug 2021 07:31
 Operator : CG/JU
 Sample : M3169-09
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00A8

Manual Integrations
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Quant Time: Aug 10 08:56:38 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 : Tue Aug 10 08:05:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.576	152	1219	0.400	ng/ul	0.00
4) Naphthalene-d8	10.338	136	4449	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.208	164	3248	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.961	188	4923	0.400	ng/ul #	0.00
17) Chrysene-d12	21.156	240	3924	0.400	ng/ul #	0.00
23) Perylene-d12	23.314	264	4049	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.186	96	7814	5.772	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.930	152	3081	0.411	ng/ul	0.00
18) Fluoranthene-d10	18.993	212	5972	0.456	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.383	128	65803	4.965	ng/ul	97
7) 2-Methylnaphthalene	12.002	142	52378	5.785	ng/ul	99
8) 1-Methylnaphthalene	12.227	142	26456	2.957	ng/ul	100
10) Acenaphthylene	13.932	152	28907	2.090	ng/ul	99
11) Acenaphthene	14.273	153	4626	0.397	ng/ul	98
12) Fluorene	15.266	166	7281	0.543	ng/ul#	88
15) Phenanthrene	17.002	178	232584	14.878	ng/ul	97
16) Anthracene	17.093	178	43063	2.942	ng/ul	98
19) Fluoranthene	19.024	202	345134	20.598	ng/ul#	96
20) Pyrene	19.390	202	303185	17.840	ng/ul	97
21) Benzo(a)anthracene	21.142	228	156506	9.877	ng/ul	95
22) Chrysene	21.193	228	191160	11.660	ng/ul	97
24) Benzo(b)fluoranthene	22.677	252	245960m	13.482	ng/ul	
25) Benzo(k)fluoranthene	22.716	252	82473m	4.376	ng/ul	
26) Benzo(a)pyrene	23.224	252	153754m	9.624	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.451	276	117776	5.703	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.453	278	29575	1.777	ng/ul#	92
29) Benzo(g,h,i)perylene	26.103	276	103502	5.875	ng/ul	98

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

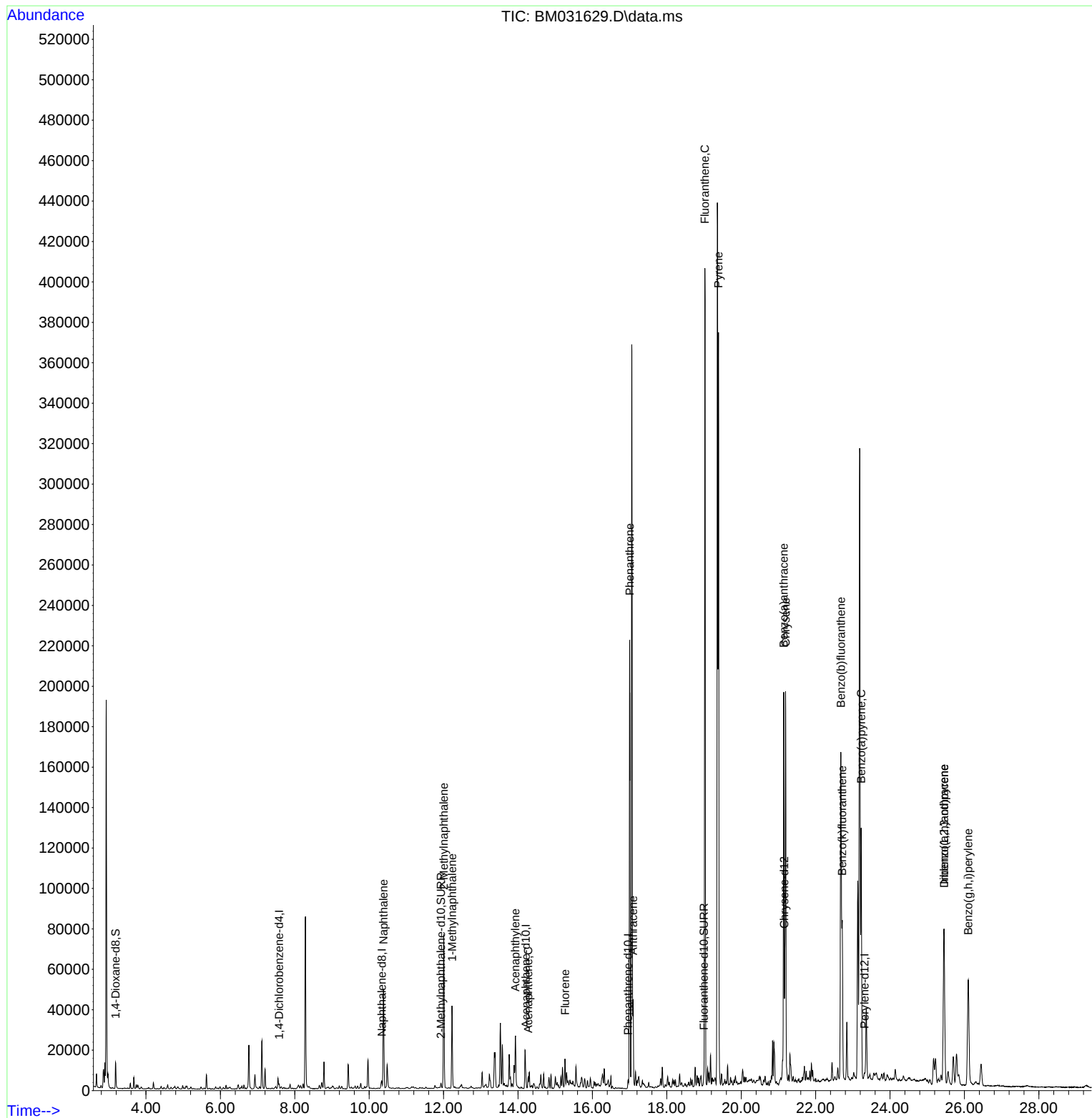
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080921\
Data File : BM031629.D
Acq On : 10 Aug 2021 07:31
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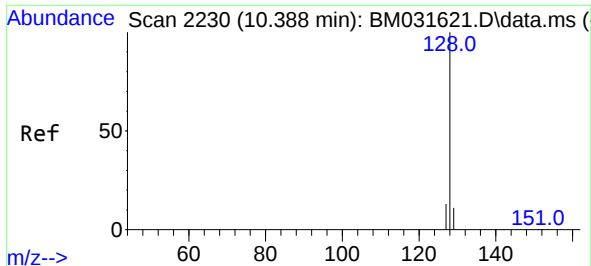
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Quant Time: Aug 10 08:56:38 2021
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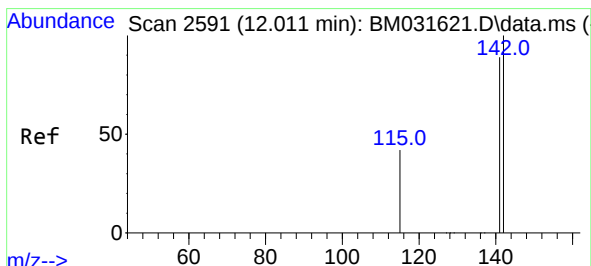
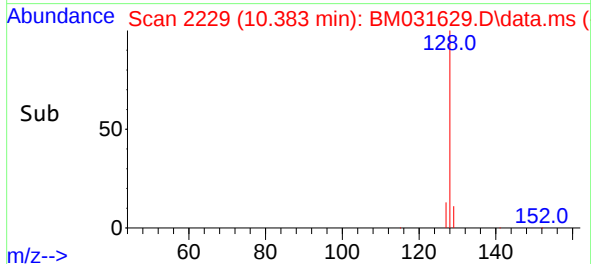
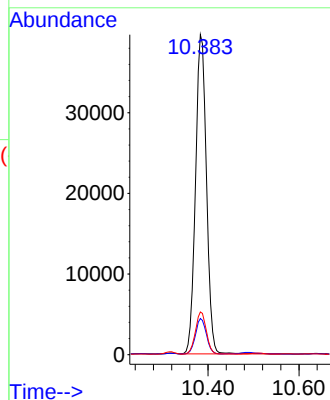
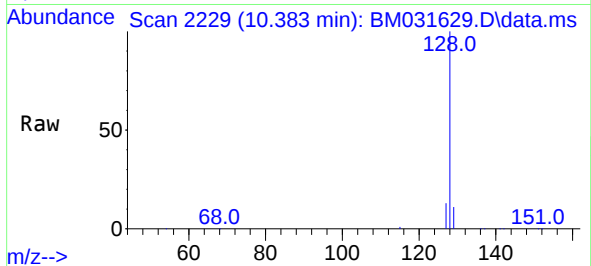
#5
Naphthalene
Concen: 4.965 ng/ul
RT: 10.383 min Scan# 2229
Delta R.T. -0.005 min
Lab File: BM031629.D
Acq: 10 Aug 2021 07:31

Tgt Ion:	128	Resp:	65803
Ion Ratio	Lower	Upper	
128	100		
129	11.3	10.0	15.0
127	13.3	11.6	17.4

Instrument :
BNA_M
ClientSampled :
C00A8

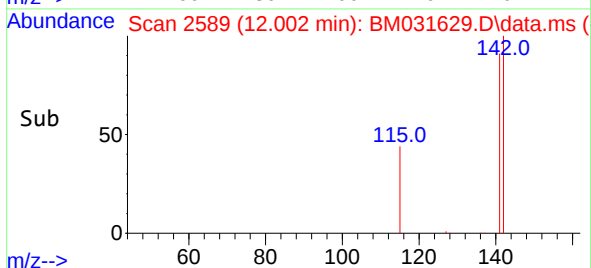
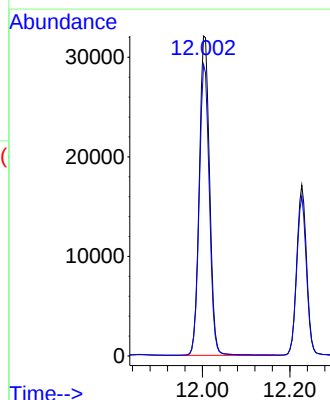
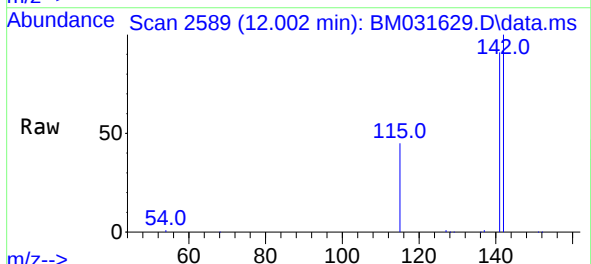
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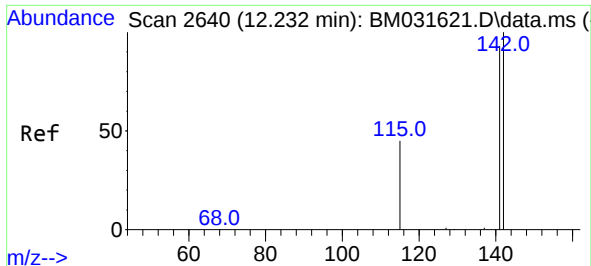
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#7
2-Methylnaphthalene
Concen: 5.785 ng/ul
RT: 12.002 min Scan# 2589
Delta R.T. -0.009 min
Lab File: BM031629.D
Acq: 10 Aug 2021 07:31

Tgt Ion:	142	Resp:	52378
Ion Ratio	Lower	Upper	
142	100		
141	89.7	71.4	107.0





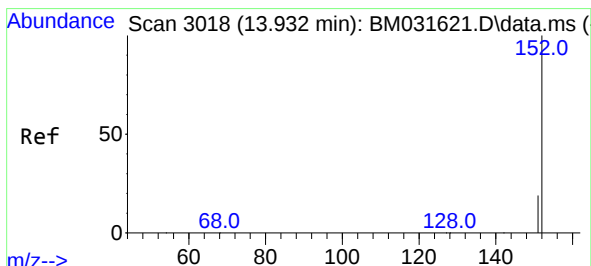
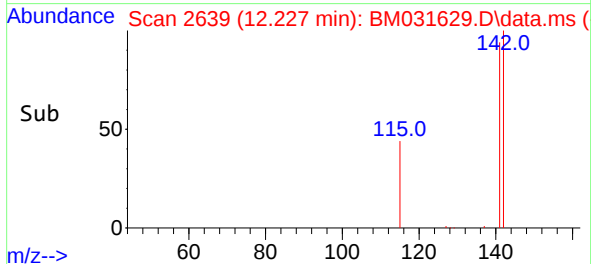
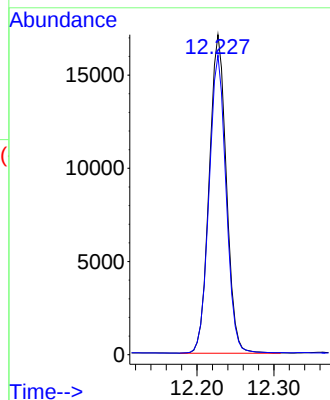
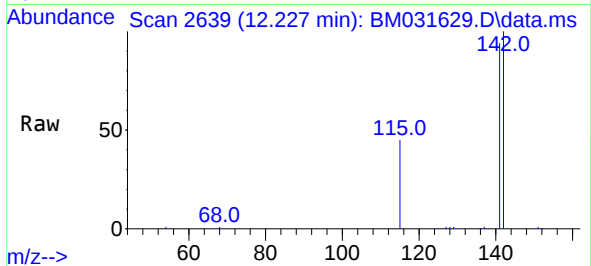
#8
1-Methylnaphthalene
Concen: 2.957 ng/ul
RT: 12.227 min Scan# 2639
Delta R.T. -0.005 min
Lab File: BM031629.D
Acq: 10 Aug 2021 07:31

Tgt Ion:142 Resp: 26456
Ion Ratio Lower Upper
142 100
141 92.8 74.1 111.1

Instrument :
BNA_M
ClientSampled :
C00A8

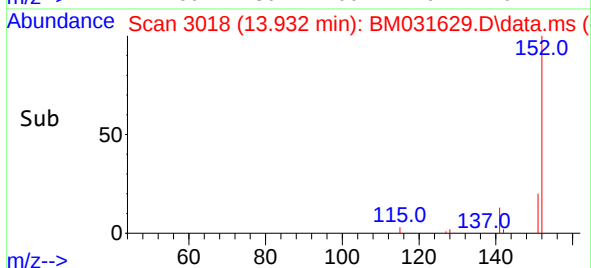
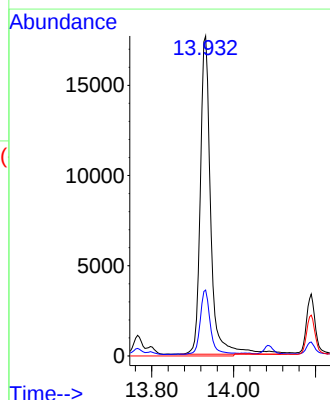
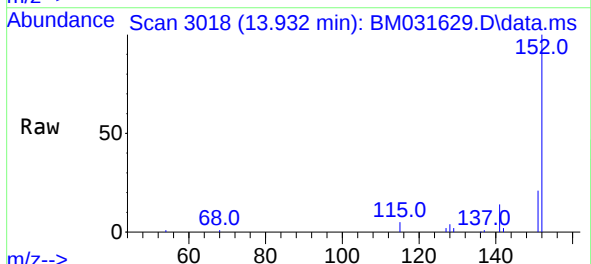
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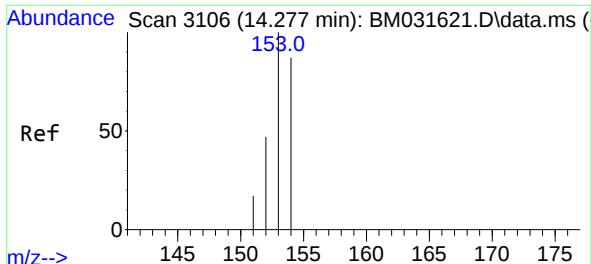
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#10
Acenaphthylene
Concen: 2.090 ng/ul
RT: 13.932 min Scan# 3018
Delta R.T. -0.000 min
Lab File: BM031629.D
Acq: 10 Aug 2021 07:31

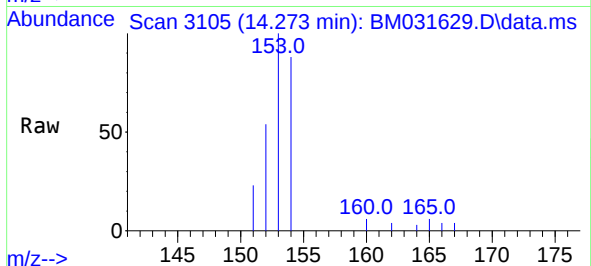
Tgt Ion:152 Resp: 28907
Ion Ratio Lower Upper
152 100
151 20.6 16.9 25.3
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.397 ng/u1
RT: 14.273 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BM031629.D
Acq: 10 Aug 2021 07:31

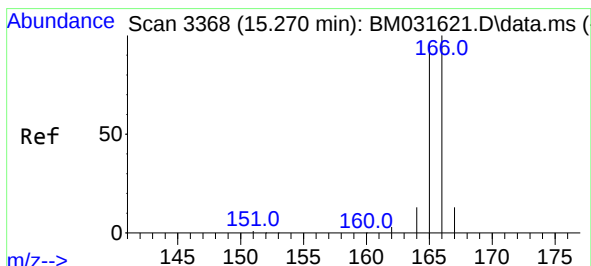
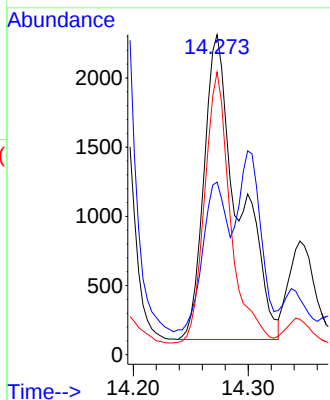
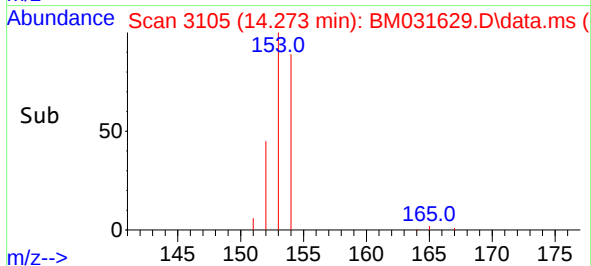
Instrument :
BNA_M
ClientSampled :
C00A8



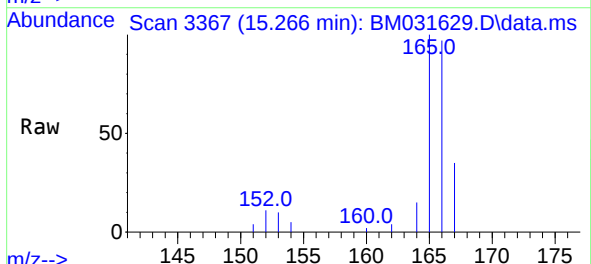
Tgt Ion:153 Resp: 4626
Ion Ratio Lower Upper
153 100
152 54.0 40.7 61.1
154 88.3 70.2 105.2

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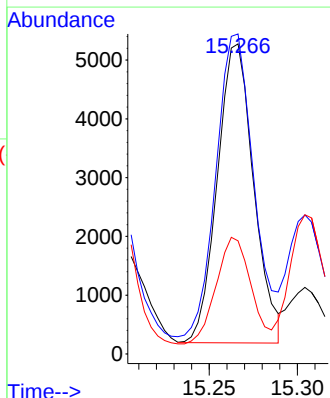
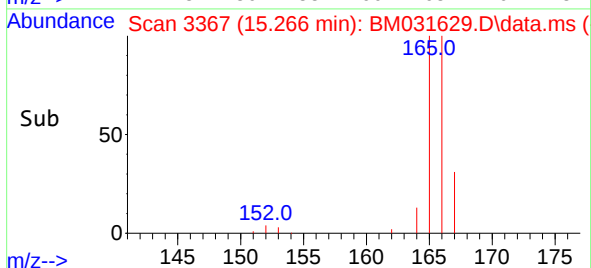
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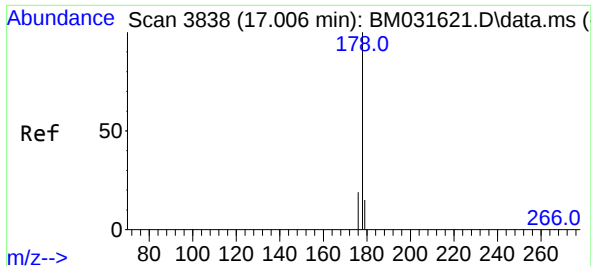


#12
Fluorene
Concen: 0.543 ng/u1
RT: 15.266 min Scan# 3367
Delta R.T. -0.004 min
Lab File: BM031629.D
Acq: 10 Aug 2021 07:31



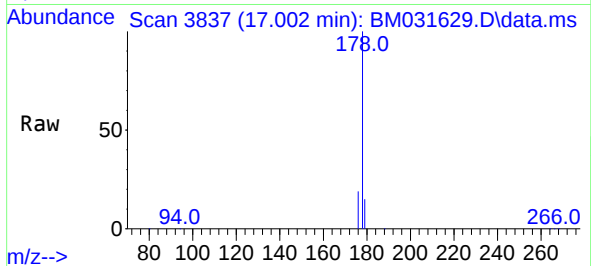
Tgt Ion:166 Resp: 7281
Ion Ratio Lower Upper
166 100
165 103.2 78.0 117.0
167 36.5 12.0 18.0#





#15
Phenanthrene
Concen: 14.878 ng/ul
RT: 17.002 min Scan# 3837
Delta R.T. -0.007 min
Lab File: BM031629.D
Acq: 10 Aug 2021 07:31

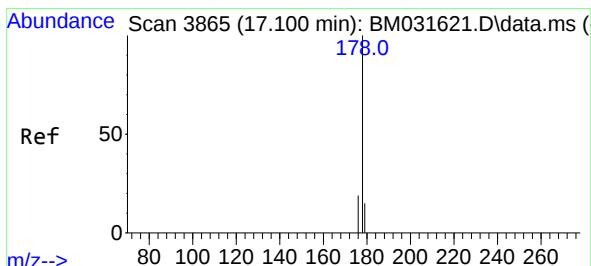
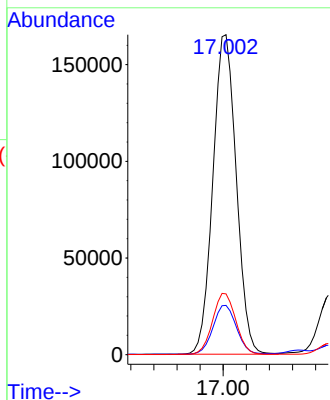
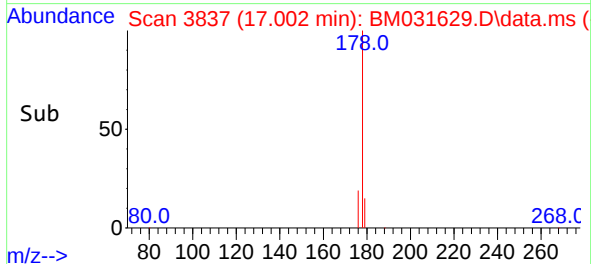
Instrument :
BNA_M
ClientSampled :
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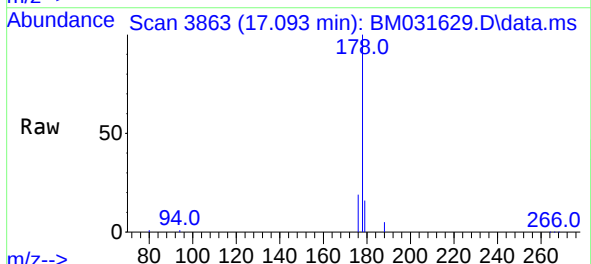
Tgt Ion:178 Resp: 232584
Ion Ratio Lower Upper
178 100
179 15.4 13.3 19.9
176 19.0 16.2 24.4

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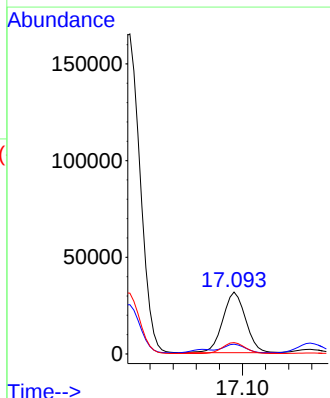
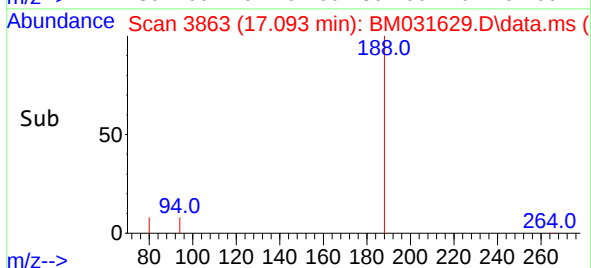
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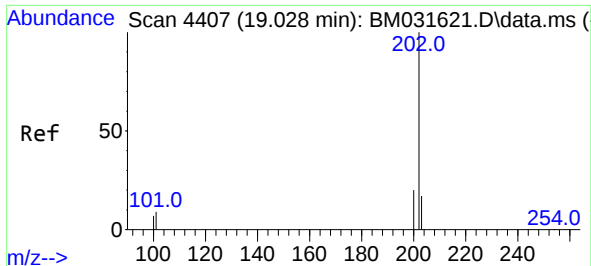


#16
Anthracene
Concen: 2.942 ng/ul
RT: 17.093 min Scan# 3863
Delta R.T. -0.010 min
Lab File: BM031629.D
Acq: 10 Aug 2021 07:31



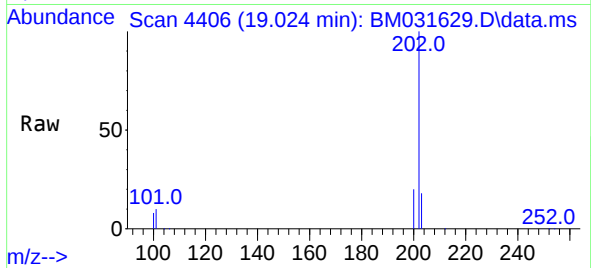
Tgt Ion:178 Resp: 43063
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.6
176 18.5 15.6 23.4





#19
Fluoranthene
Concen: 20.598 ng/u1
RT: 19.024 min Scan# 4406
Delta R.T. -0.004 min
Lab File: BM031629.D
Acq: 10 Aug 2021 07:31

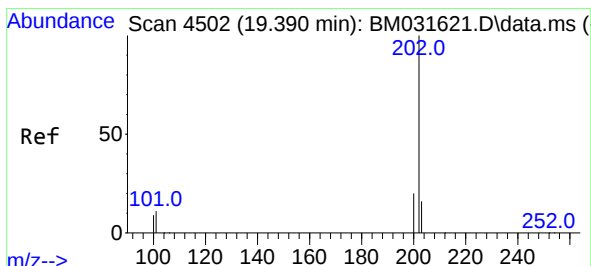
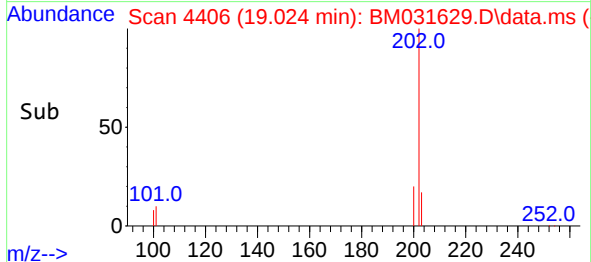
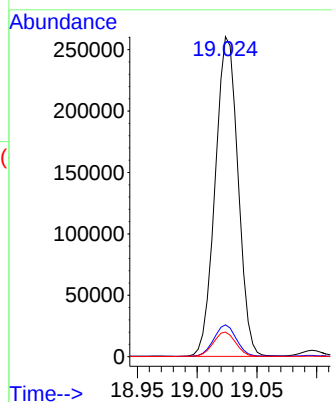
Instrument :
BNA_M
ClientSampled :
C00A8



Tgt Ion:202 Resp: 345134
Ion Ratio Lower Upper
202 100
101 10.0 6.6 10.0#
100 7.7 5.4 8.0

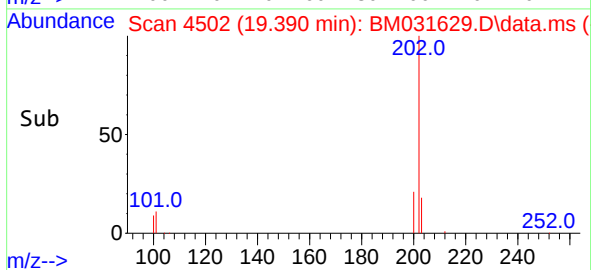
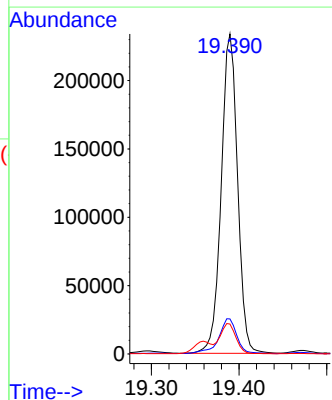
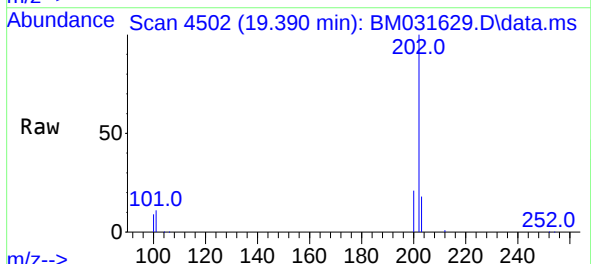
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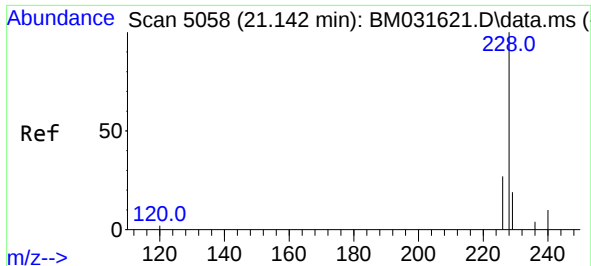
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#20
Pyrene
Concen: 17.840 ng/u1
RT: 19.390 min Scan# 4502
Delta R.T. -0.004 min
Lab File: BM031629.D
Acq: 10 Aug 2021 07:31

Tgt Ion:202 Resp: 303185
Ion Ratio Lower Upper
202 100
101 11.0 7.8 11.6
100 9.3 6.6 10.0





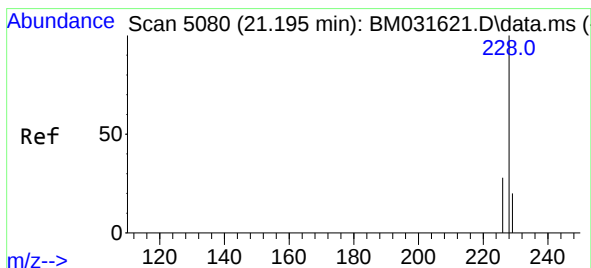
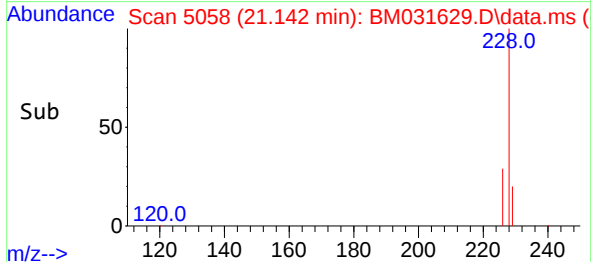
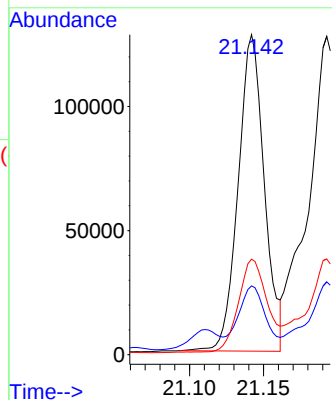
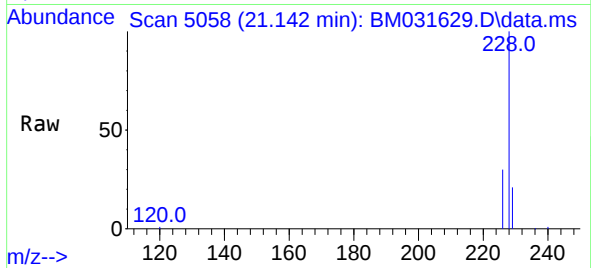
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Benzo(a)anthracene
Concen: 9.877 ng/ul
RT: 21.142 min Scan# 5058
Delta R.T. -0.005 min
Lab File: BM031629.D
Acq: 10 Aug 2021 07:31

Tgt Ion:228 Resp: 156506
Ion Ratio Lower Upper
228 100
229 21.5 15.6 23.4
226 29.8 21.7 32.5

Instrument :
BNA_M
ClientSampled :
C00A8

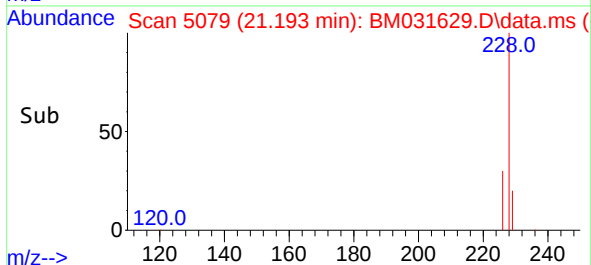
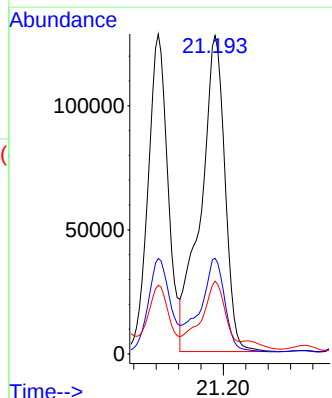
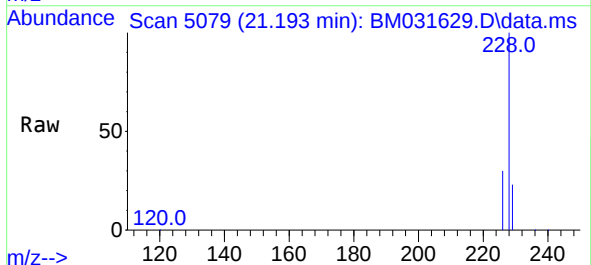
Manual Integrations
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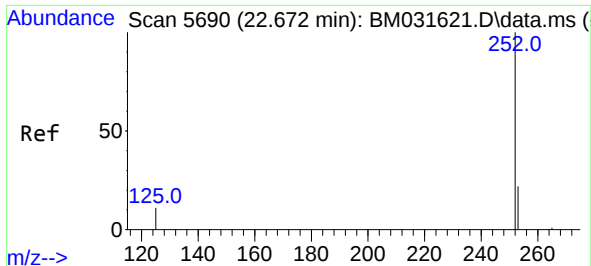
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#22
Chrysene
Concen: 11.660 ng/ul
RT: 21.193 min Scan# 5079
Delta R.T. -0.002 min
Lab File: BM031629.D
Acq: 10 Aug 2021 07:31

Tgt Ion:228 Resp: 191160
Ion Ratio Lower Upper
228 100
226 30.0 24.7 37.1
229 22.9 16.2 24.2





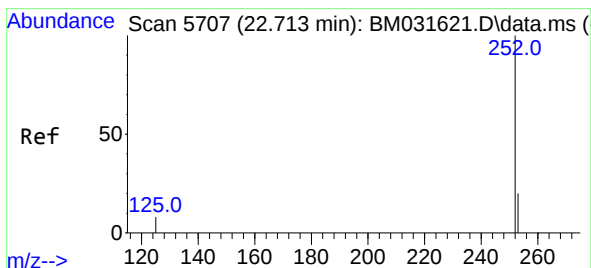
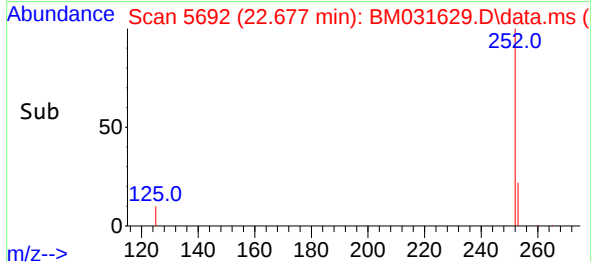
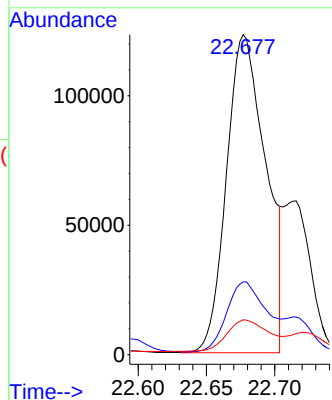
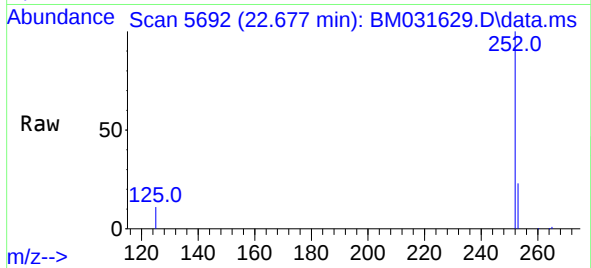
#24
Benzo(b)fluoranthene
Concen: 13.482 ng/ul m
RT: 22.677 min Scan# 5692
Delta R.T. -0.000 min
Lab File: BM031629.D
Acq: 10 Aug 2021 07:31

Tgt Ion:252 Resp: 245960
Ion Ratio Lower Upper
252 100
253 22.7 0.0 53.0
125 10.9 0.0 22.8

Instrument :
BNA_M
ClientSampled :
C00A8

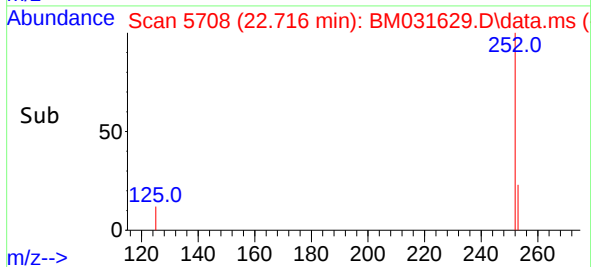
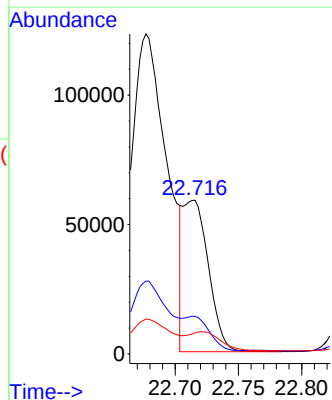
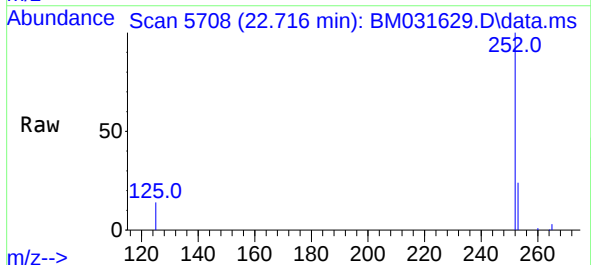
Manual Integrations
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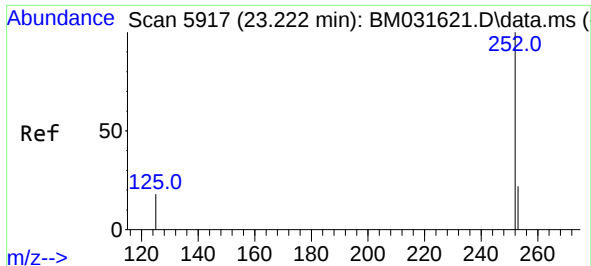
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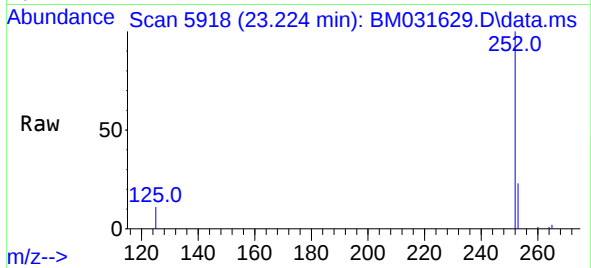
#25
Benzo(k)fluoranthene
Concen: 4.376 ng/ul m
RT: 22.716 min Scan# 5708
Delta R.T. -0.005 min
Lab File: BM031629.D
Acq: 10 Aug 2021 07:31

Tgt Ion:252 Resp: 82473
Ion Ratio Lower Upper
252 100
253 24.5 21.3 31.9
125 13.8 8.8 13.2#

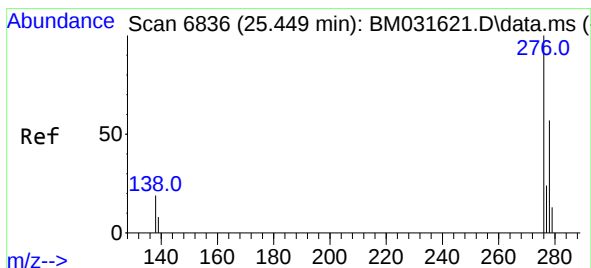
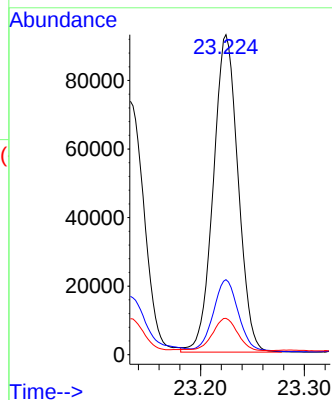
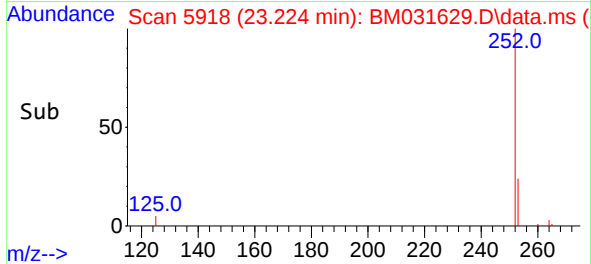




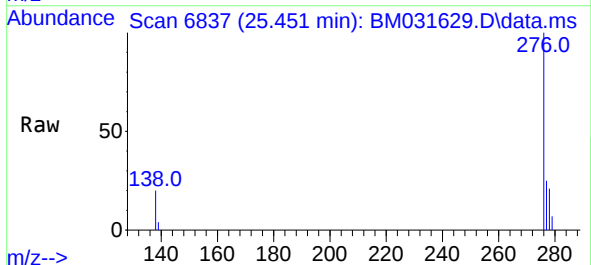
#26
Benzo(a)pyrene
Concen: 9.624 ng/ul m
RT: 23.224 min Scan# 5918
Delta R.T. -0.000 min
Lab File: BM031629.D
Acq: 10 Aug 2021 07:31



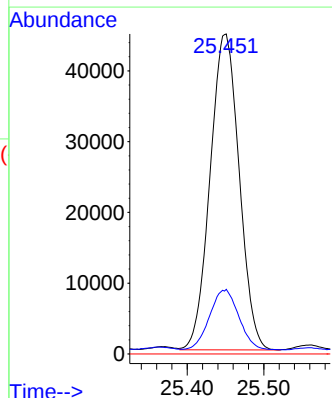
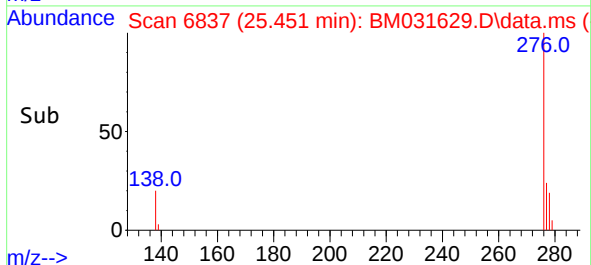
Tgt Ion:252 Resp: 153754
Ion Ratio Lower Upper
252 100
253 23.5 22.4 33.6
125 11.4 13.0 19.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 5.703 ng/ul
RT: 25.451 min Scan# 6837
Delta R.T. -0.002 min
Lab File: BM031629.D
Acq: 10 Aug 2021 07:31



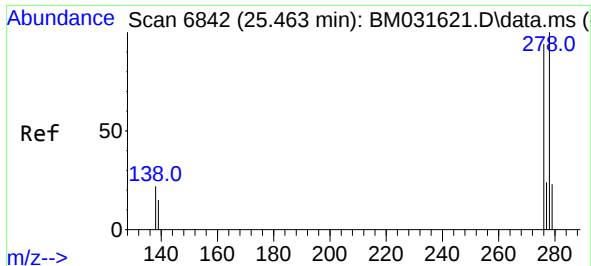
Tgt Ion:276 Resp: 117776
Ion Ratio Lower Upper
276 100
138 19.5 15.8 23.8
227 0.0 0.0 0.0



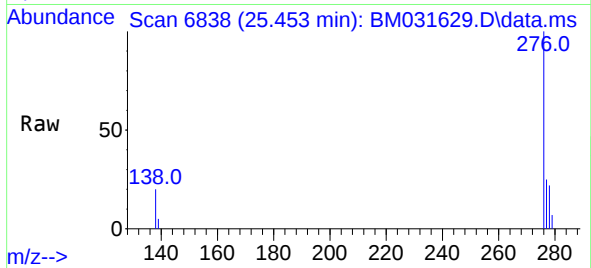
Instrument :
BNA_M
ClientSampled :
C00A8

Manual Integrations
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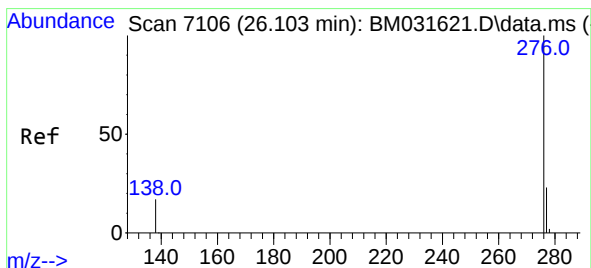
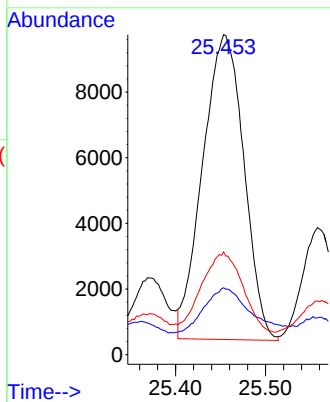
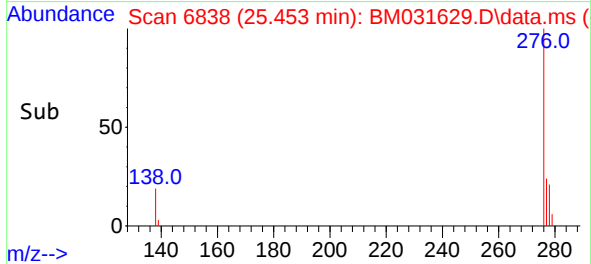
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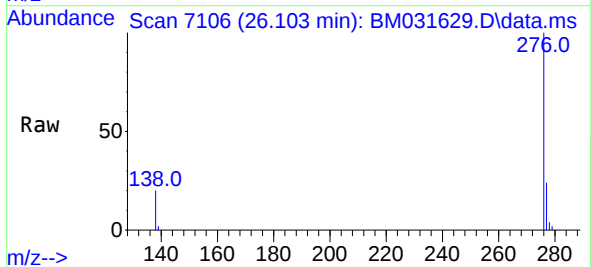
#28
Dibenzo(a,h)anthracene
Concen: 1.777 ng/ul
RT: 25.453 min Scan# 6838
Delta R.T. -0.015 min
Lab File: BM031629.D
Acq: 10 Aug 2021 07:31



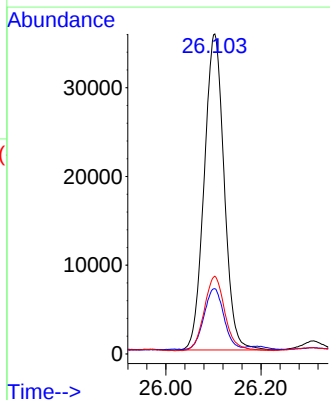
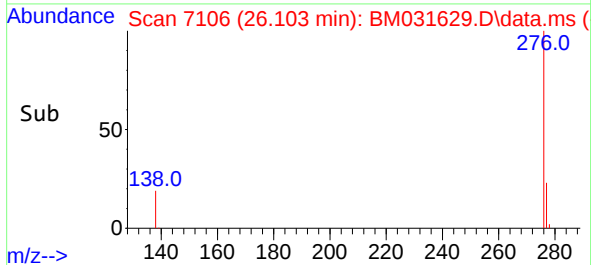
Tgt Ion:278 Resp: 29575
Ion Ratio Lower Upper
278 100
139 20.9 13.3 19.9#
279 32.1 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 5.875 ng/ul
RT: 26.103 min Scan# 7106
Delta R.T. 0.005 min
Lab File: BM031629.D
Acq: 10 Aug 2021 07:31



Tgt Ion:276 Resp: 103502
Ion Ratio Lower Upper
276 100
138 20.4 15.4 23.2
277 24.3 19.9 29.9



Instrument :
BNA_M
ClientSampled :
C00A8

Manual Integrations
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