

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
 Data File : BM031672.D
 Acq On : 12 Aug 2021 11:54
 Operator : CG/JU
 Sample : M3182-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00C2

Manual Integrations
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Quant Time: Aug 12 12:51:54 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	1179	0.400	ng/ul	0.00
4) Naphthalene-d8	10.334	136	4186	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.205	164	2271	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.954	188	3844	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.154	240	3235	0.400	ng/ul	# 0.00
23) Perylene-d12	23.309	264	3192	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.182	96	2593	1.980	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.926	152	1235	0.175	ng/ul	0.00
18) Fluoranthene-d10	18.989	212	2137	0.198	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.379	128	9500	0.762	ng/ul	99
7) 2-Methylnaphthalene	12.002	142	7534	0.884	ng/ul	100
8) 1-Methylnaphthalene	12.223	142	5064	0.602	ng/ul	100
10) Acenaphthylene	13.927	152	10215	1.056	ng/ul	100
11) Acenaphthene	14.269	153	1598	0.196	ng/ul	98
12) Fluorene	15.259	166	3398	0.363	ng/ul#	94
15) Phenanthrene	16.996	178	67761	5.551	ng/ul	97
16) Anthracene	17.089	178	15647	1.369	ng/ul	99
19) Fluoranthene	19.020	202	136014	9.846	ng/ul	97
20) Pyrene	19.386	202	110597	7.894	ng/ul	99
21) Benzo(a)anthracene	21.139	228	64855	4.965	ng/ul	96
22) Chrysene	21.190	228	64738	4.790	ng/ul	97
24) Benzo(b)fluoranthene	22.672	252	88164m	6.130	ng/ul	
25) Benzo(k)fluoranthene	22.711	252	31504m	2.120	ng/ul	
26) Benzo(a)pyrene	23.217	252	57423	4.559	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.444	276	39316	2.415	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.449	278	10470	0.798	ng/ul#	90
29) Benzo(g,h,i)perylene	26.095	276	10255	0.738	ng/ul#	92

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

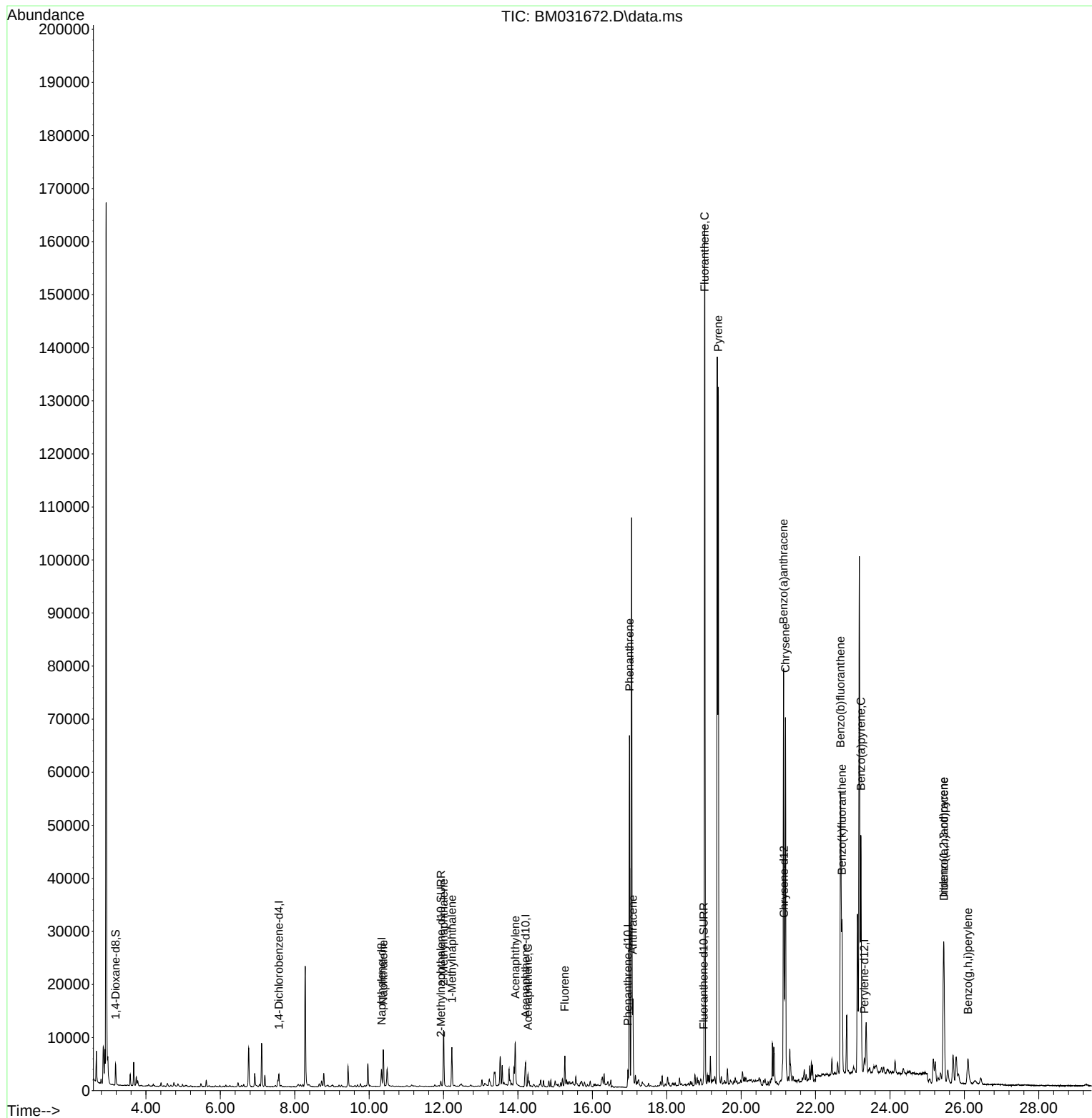
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
Data File : BM031672.D
Acq On : 12 Aug 2021 11:54
Operator : CG/JU
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Misc :
ALS Vial : 6 Sample Multiplier: 1

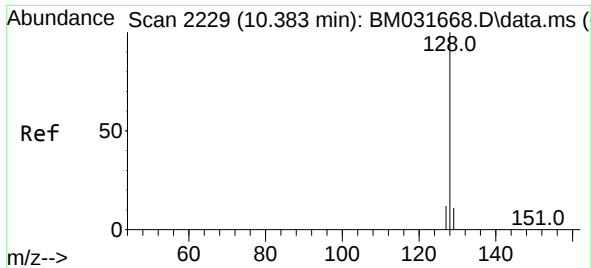
Instrument :
BNA_M
ClientSampleId :
C00C2

Quant Time: Aug 12 12:51:54 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

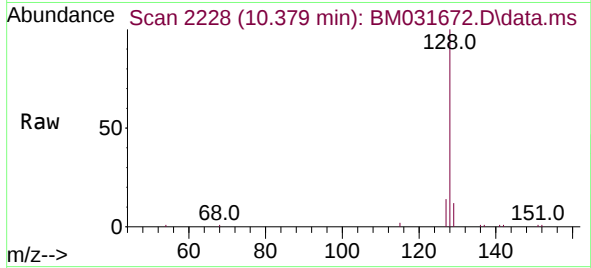
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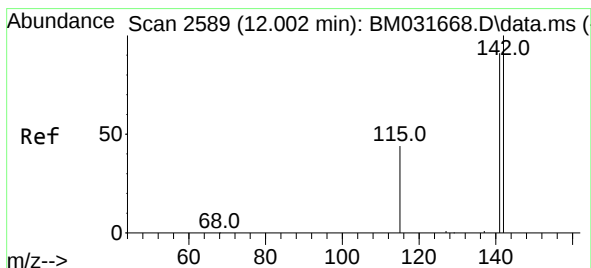
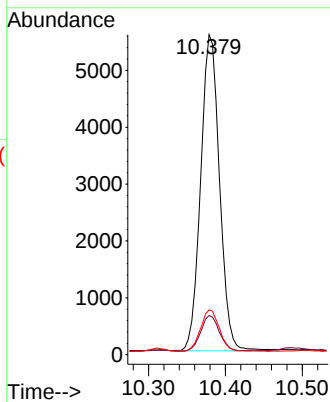
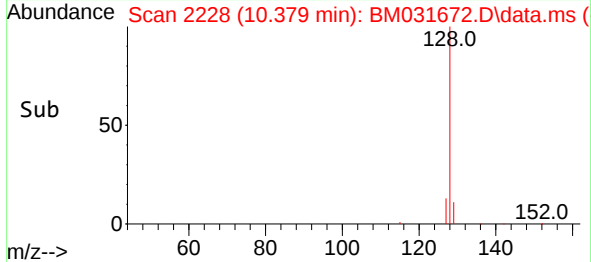




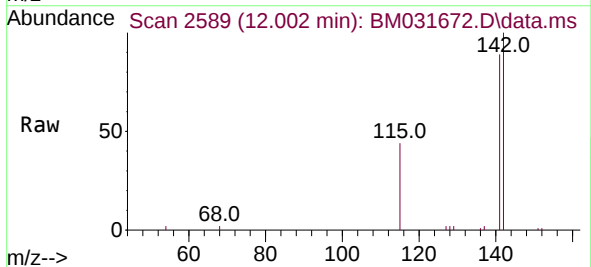
#5
Naphthalene
Concen: 0.762 ng/ul
RT: 10.379 min Scan# 2228
Delta R.T. -0.005 min
Lab File: BM031672.D
Acq: 12 Aug 2021 11:54



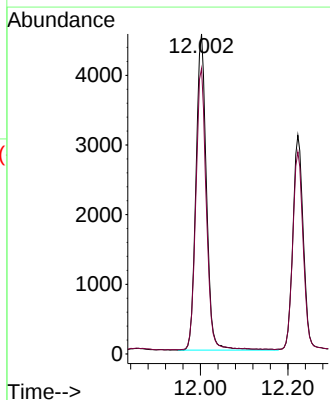
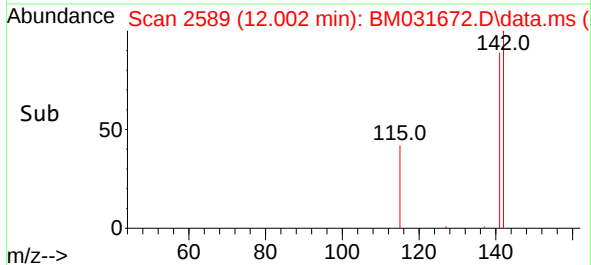
Tgt Ion:128 Resp: 9500
Ion Ratio Lower Upper
128 100
129 12.2 10.0 15.0
127 14.0 11.6 17.4



#7
2-Methylnaphthalene
Concen: 0.884 ng/ul
RT: 12.002 min Scan# 2589
Delta R.T. -0.000 min
Lab File: BM031672.D
Acq: 12 Aug 2021 11:54



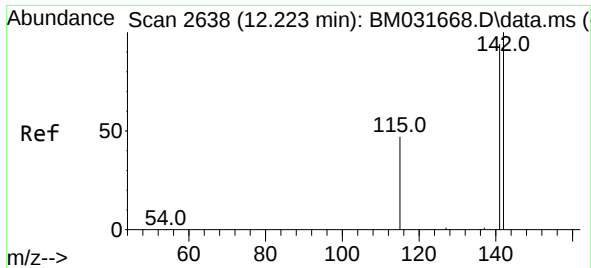
Tgt Ion:142 Resp: 7534
Ion Ratio Lower Upper
142 100
141 89.0 71.4 107.0



Instrument :
BNA_M
ClientSampled :
C00C2

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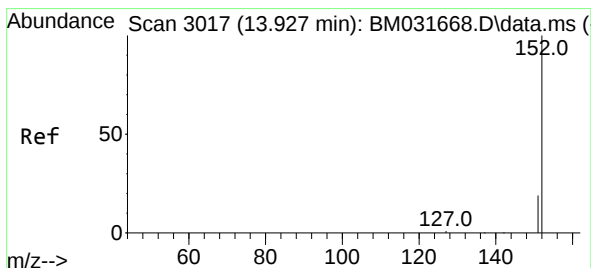
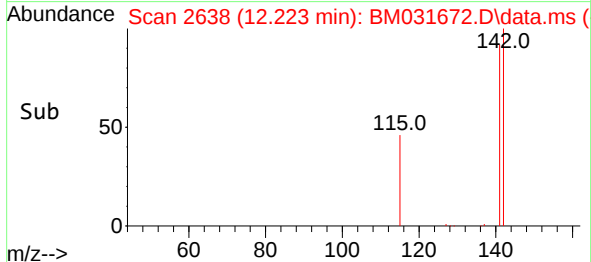
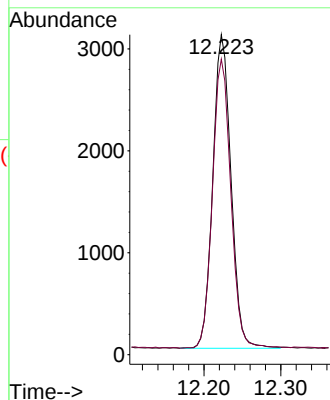
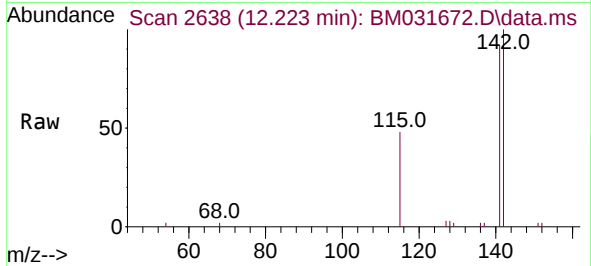
#8
1-Methylnaphthalene
Concen: 0.602 ng/ul
RT: 12.223 min Scan# 2638
Delta R.T. -0.000 min
Lab File: BM031672.D
Acq: 12 Aug 2021 11:54

Tgt Ion:142 Resp: 5064
Ion Ratio Lower Upper
142 100
141 92.9 74.1 111.1

Instrument :
BNA_M
ClientSampled :
C00C2

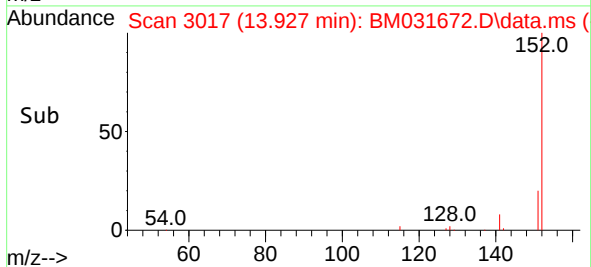
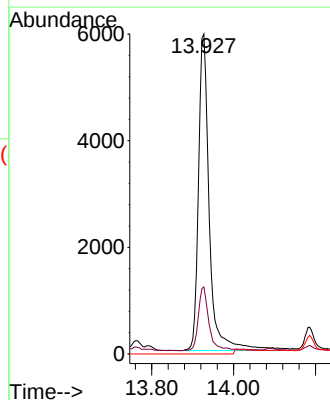
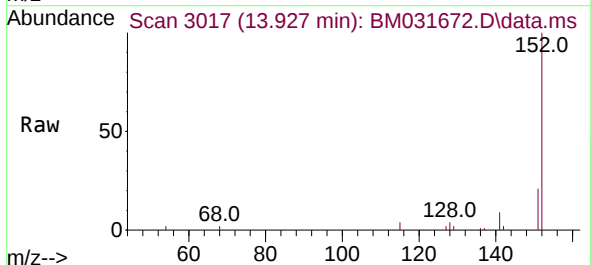
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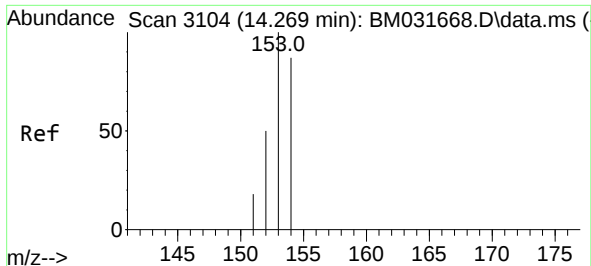
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#10
Acenaphthylene
Concen: 1.056 ng/ul
RT: 13.927 min Scan# 3017
Delta R.T. -0.000 min
Lab File: BM031672.D
Acq: 12 Aug 2021 11:54

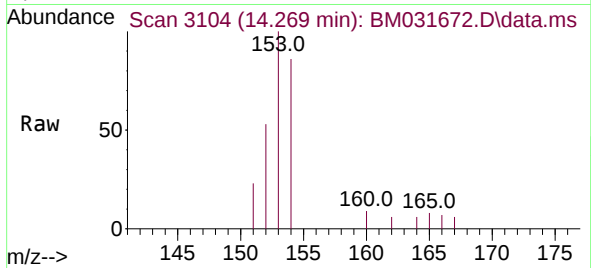
Tgt Ion:152 Resp: 10215
Ion Ratio Lower Upper
152 100
151 20.9 16.9 25.3
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.196 ng/ul
RT: 14.269 min Scan# 3104
Delta R.T. -0.000 min
Lab File: BM031672.D
Acq: 12 Aug 2021 11:54

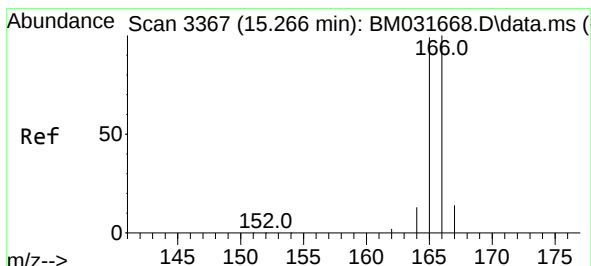
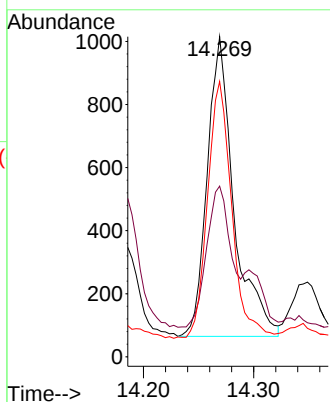
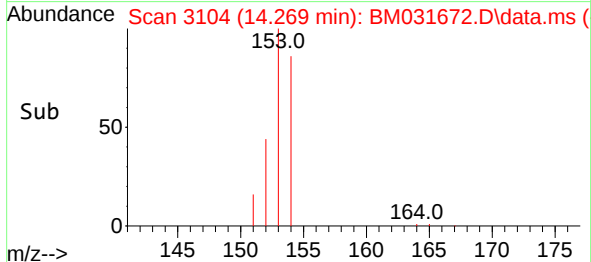
Instrument :
BNA_M
ClientSampled :
C00C2



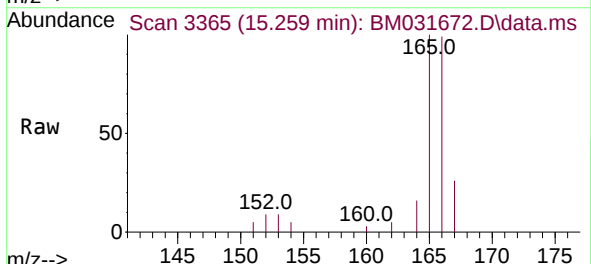
Tgt Ion:153 Resp: 1598
Ion Ratio Lower Upper
153 100
152 53.3 40.7 61.1
154 86.0 70.2 105.2

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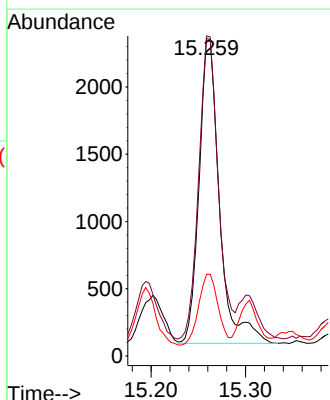
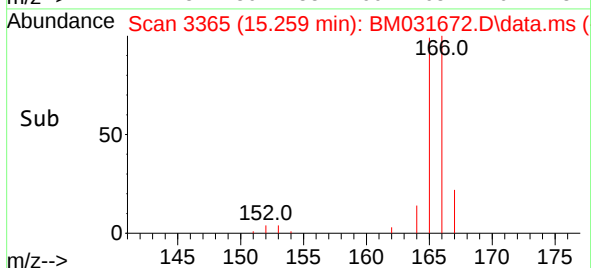
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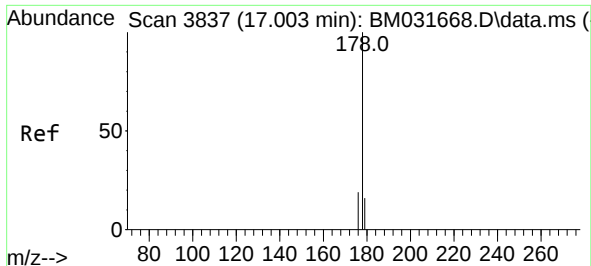


#12
Fluorene
Concen: 0.363 ng/ul
RT: 15.259 min Scan# 3365
Delta R.T. -0.008 min
Lab File: BM031672.D
Acq: 12 Aug 2021 11:54



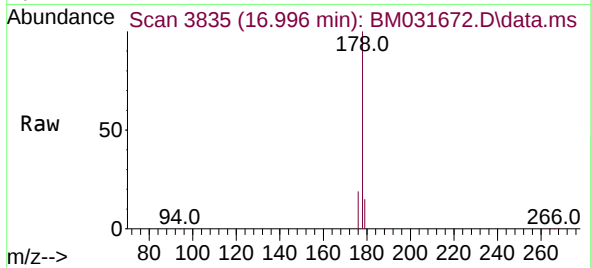
Tgt Ion:166 Resp: 3398
Ion Ratio Lower Upper
166 100
165 100.8 78.0 117.0
167 25.7 12.0 18.0#





#15
Phenanthrene
Concen: 5.551 ng/ul
RT: 16.996 min Scan# 3835
Delta R.T. -0.007 min
Lab File: BM031672.D
Acq: 12 Aug 2021 11:54

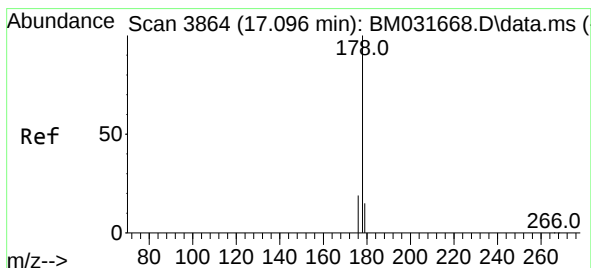
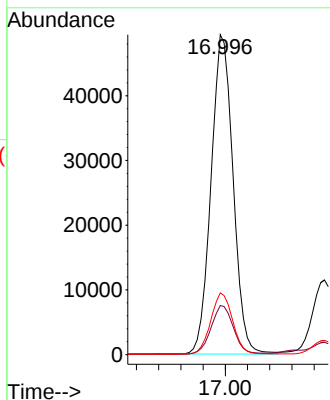
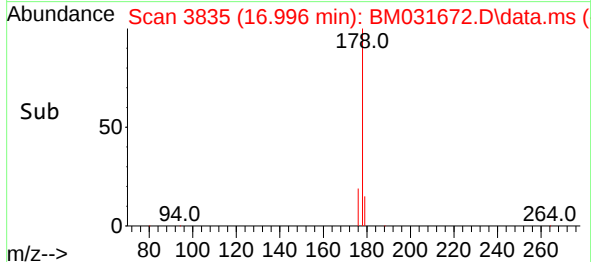
Instrument :
BNA_M
ClientSampled :
C00C2



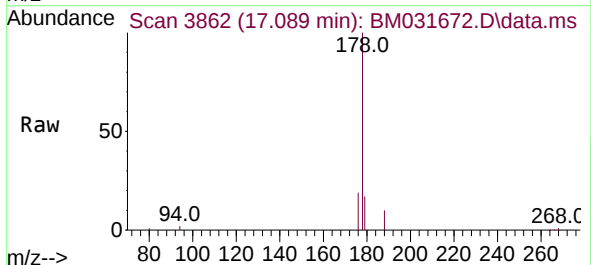
Tgt Ion:178 Resp: 67761
Ion Ratio Lower Upper
178 100
179 15.3 13.3 19.9
176 19.3 16.2 24.4

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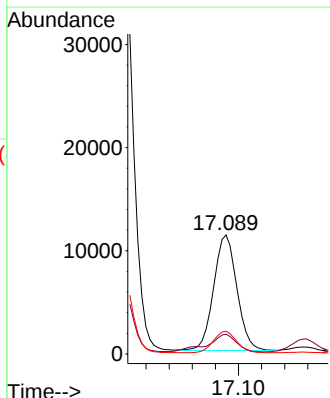
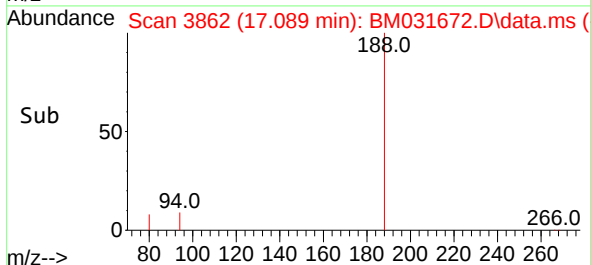
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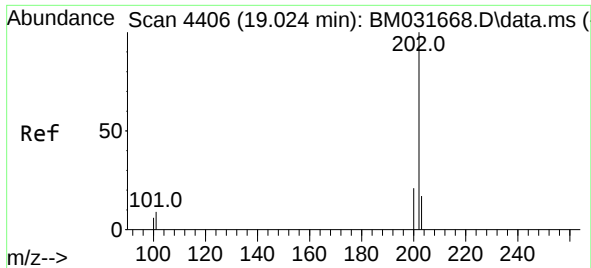


#16
Anthracene
Concen: 1.369 ng/ul
RT: 17.089 min Scan# 3862
Delta R.T. -0.007 min
Lab File: BM031672.D
Acq: 12 Aug 2021 11:54



Tgt Ion:178 Resp: 15647
Ion Ratio Lower Upper
178 100
179 16.6 13.0 19.6
176 19.2 15.6 23.4





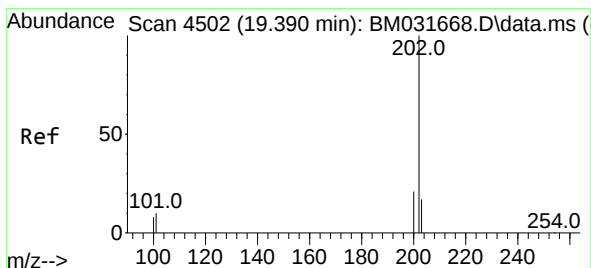
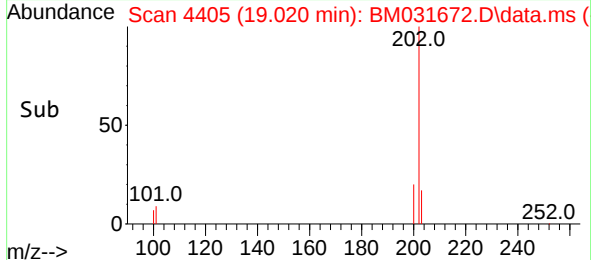
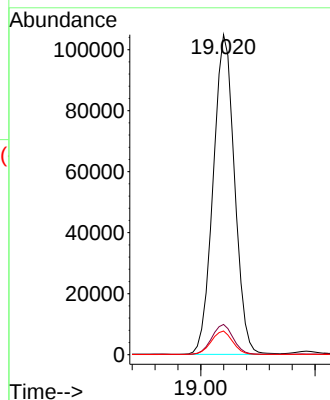
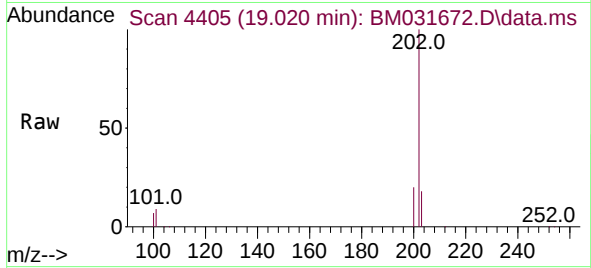
#19
Fluoranthene
Concen: 9.846 ng/u1
RT: 19.020 min Scan# 4405
Delta R.T. -0.004 min
Lab File: BM031672.D
Acq: 12 Aug 2021 11:54

Tgt Ion:202	Resp:	136014
Ion Ratio	Lower	Upper
202	100	
101	9.5	6.6 10.0
100	7.4	5.4 8.0

Instrument :
BNA_M
ClientSampled :
C00C2

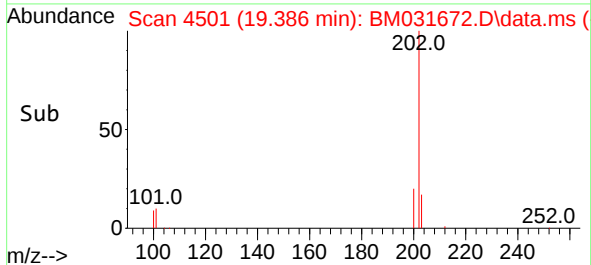
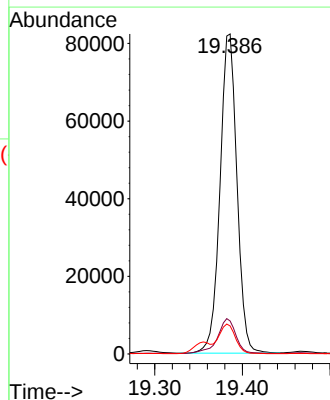
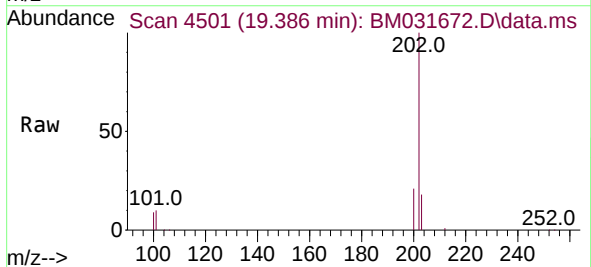
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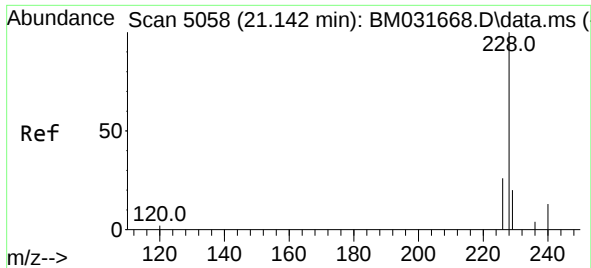
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#20
Pyrene
Concen: 7.894 ng/u1
RT: 19.386 min Scan# 4501
Delta R.T. -0.004 min
Lab File: BM031672.D
Acq: 12 Aug 2021 11:54

Tgt Ion:202	Resp:	110597
Ion Ratio	Lower	Upper
202	100	
101	10.3	7.8 11.6
100	8.7	6.6 10.0





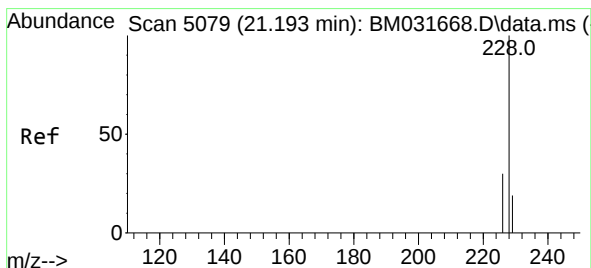
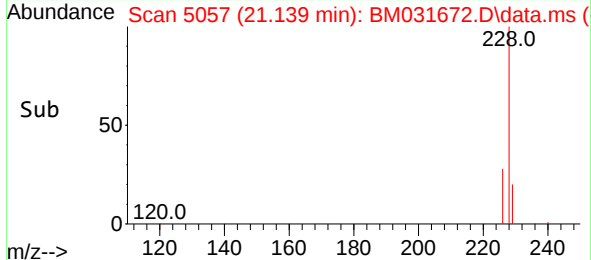
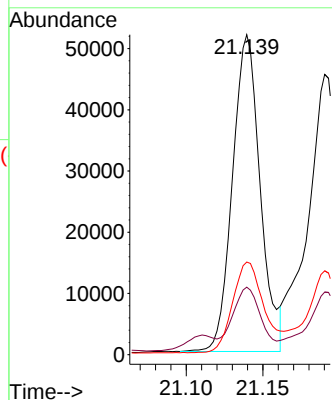
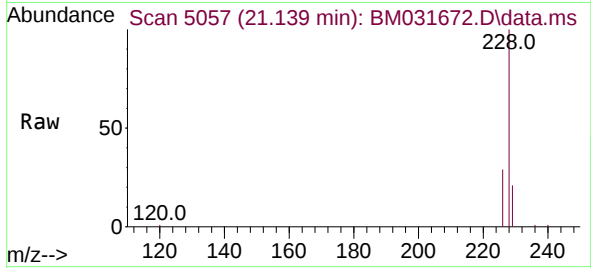
#21
Benzo(a)anthracene
Concen: 4.965 ng/u1
RT: 21.139 min Scan# 5057
Delta R.T. -0.003 min
Lab File: BM031672.D
Acq: 12 Aug 2021 11:54

Tgt Ion:228 Resp: 64855
Ion Ratio Lower Upper
228 100
229 21.1 15.6 23.4
226 28.9 21.7 32.5

Instrument :
BNA_M
ClientSampled :
C00C2

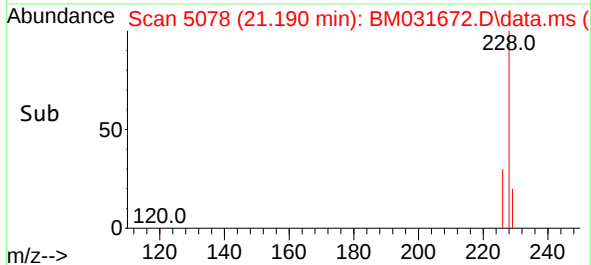
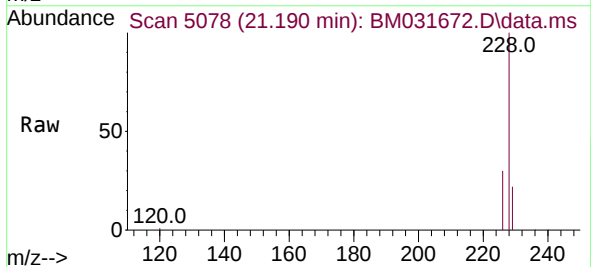
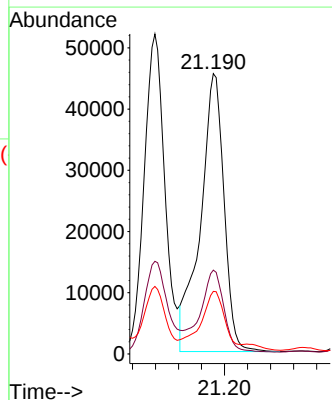
Manual Integrations
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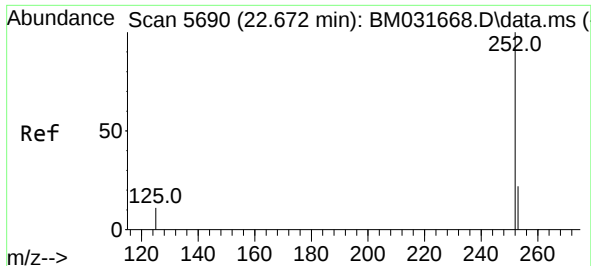
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#22
Chrysene
Concen: 4.790 ng/u1
RT: 21.190 min Scan# 5078
Delta R.T. -0.003 min
Lab File: BM031672.D
Acq: 12 Aug 2021 11:54

Tgt Ion:228 Resp: 64738
Ion Ratio Lower Upper
228 100
226 29.9 24.7 37.1
229 22.4 16.2 24.2





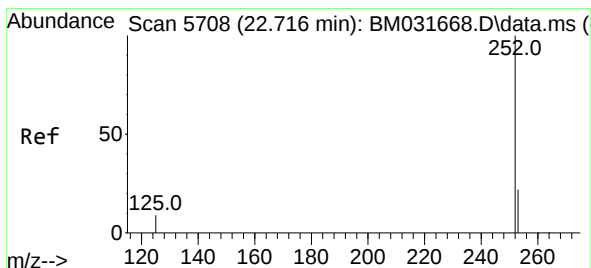
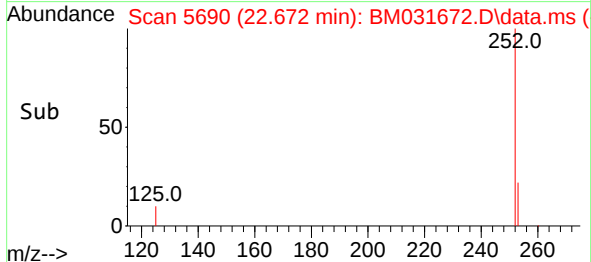
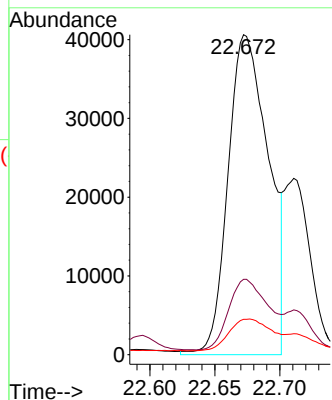
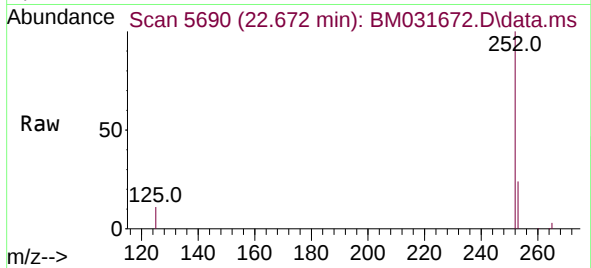
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Benzo(b)fluoranthene
Concen: 6.130 ng/ul m
RT: 22.672 min Scan# 5690
Delta R.T. -0.000 min
Lab File: BM031672.D
Acq: 12 Aug 2021 11:54

Tgt Ion:	252	Resp:	88164
Ion Ratio	Lower	Upper	
252	100		
253	23.6	0.0	53.0
125	11.1	0.0	22.8

Instrument :
BNA_M
ClientSampled :
C00C2

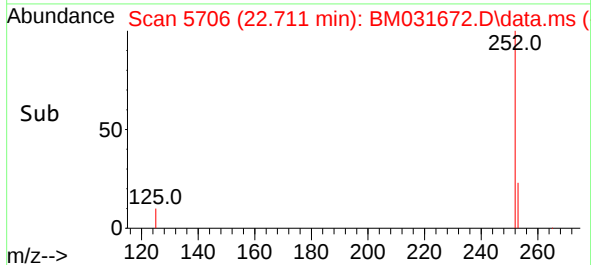
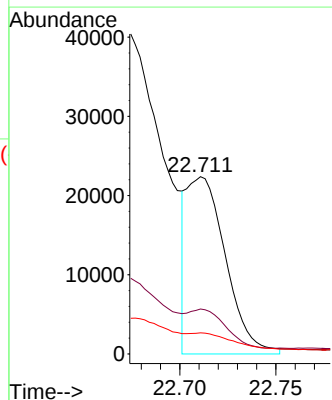
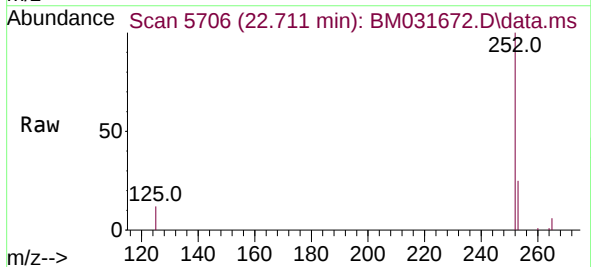
Manual Integrations
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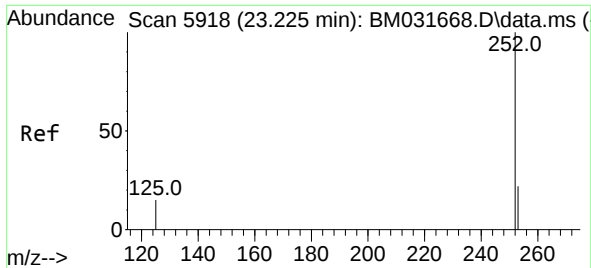
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#25
Benzo(k)fluoranthene
Concen: 2.120 ng/ul m
RT: 22.711 min Scan# 5706
Delta R.T. -0.005 min
Lab File: BM031672.D
Acq: 12 Aug 2021 11:54

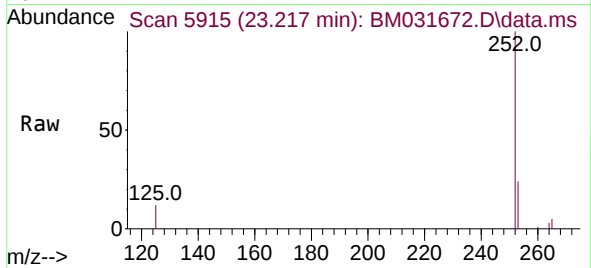
Tgt Ion:	252	Resp:	31504
Ion Ratio	Lower	Upper	
252	100		
253	25.4	21.3	31.9
125	11.9	8.8	13.2





#26
Benzo(a)pyrene
Concen: 4.559 ng/ul
RT: 23.217 min Scan# 5915
Delta R.T. -0.007 min
Lab File: BM031672.D
Acq: 12 Aug 2021 11:54

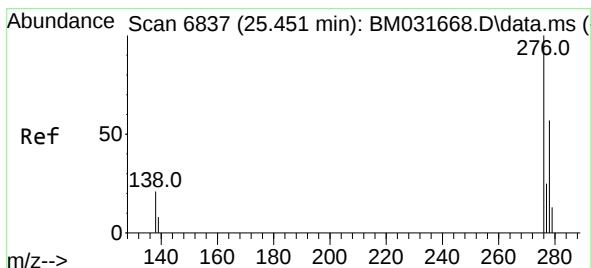
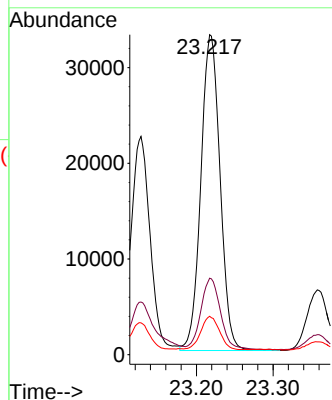
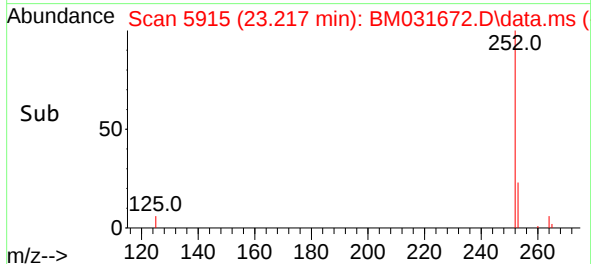
Instrument :
BNA_M
ClientSampled :
C00C2



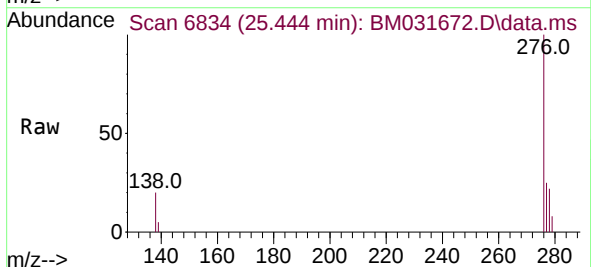
Tgt Ion:252 Resp: 57423
Ion Ratio Lower Upper
252 100
253 23.9 22.4 33.6
125 12.0 13.0 19.4#

Manual Integrations
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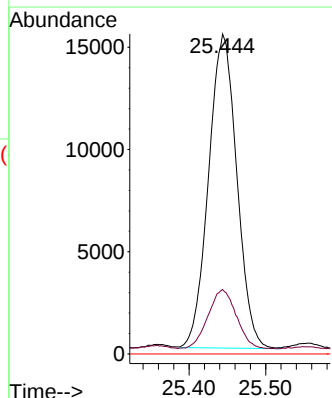
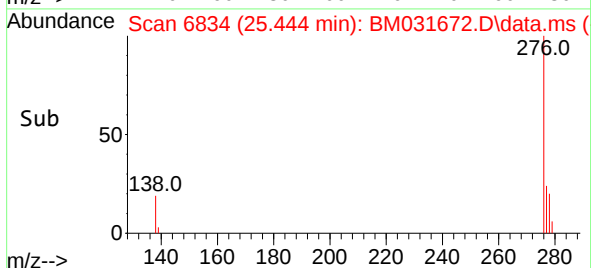
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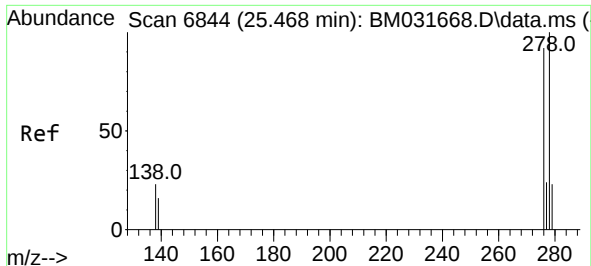


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.415 ng/ul
RT: 25.444 min Scan# 6834
Delta R.T. -0.007 min
Lab File: BM031672.D
Acq: 12 Aug 2021 11:54

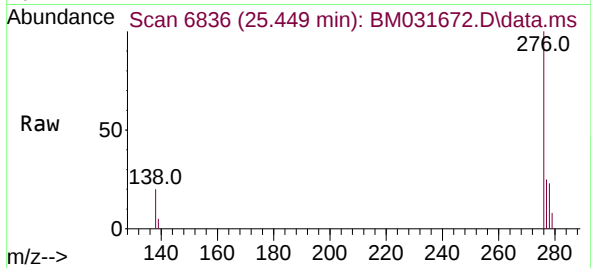


Tgt Ion:276 Resp: 39316
Ion Ratio Lower Upper
276 100
138 19.0 15.8 23.8
227 0.0 0.0 0.0

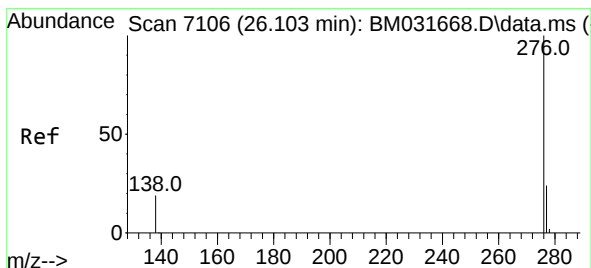
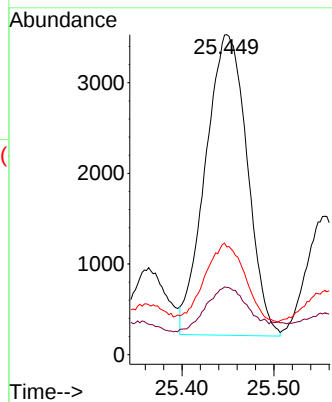
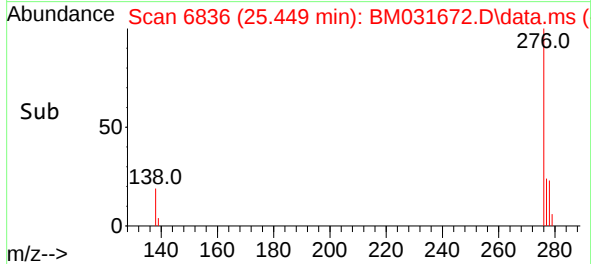




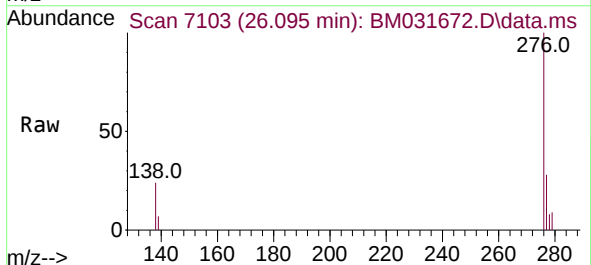
#28
Dibenzo(a,h)anthracene
Concen: 0.798 ng/ul
RT: 25.449 min Scan# 6836
Delta R.T. -0.020 min
Lab File: BM031672.D
Acq: 12 Aug 2021 11:54



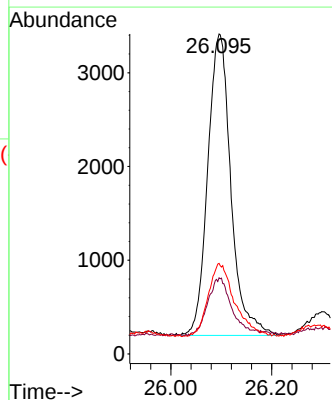
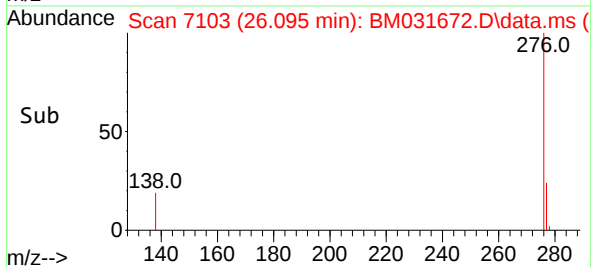
Tgt Ion:278 Resp: 10470
Ion Ratio Lower Upper
278 100
139 21.0 13.3 19.9#
279 33.6 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.738 ng/ul
RT: 26.095 min Scan# 7103
Delta R.T. -0.007 min
Lab File: BM031672.D
Acq: 12 Aug 2021 11:54



Tgt Ion:276 Resp: 10255
Ion Ratio Lower Upper
276 100
138 23.8 15.4 23.2#
277 28.3 19.9 29.9



Instrument :
BNA_M
ClientSampled :
C00C2

Manual Integrations
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