

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
 Data File : BM031677.D
 Acq On : 12 Aug 2021 15:01
 Operator : CG/JU
 Sample : M3182-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00D5

Manual Integrations
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Quant Time: Aug 12 15:38:31 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	1414	0.400	ng/ul	0.00
4) Naphthalene-d8	10.333	136	5223	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.204	164	3493	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.957	188	5485	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.158	240	4387	0.400	ng/ul	# 0.00
23) Perylene-d12	23.316	264	4204	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.182	96	4030	2.566	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.925	152	1622	0.184	ng/ul	0.00
18) Fluoranthene-d10	18.993	212	3151	0.215	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.382	128	88221	5.670	ng/ul	96
7) 2-Methylnaphthalene	12.001	142	56369	5.303	ng/ul	99
8) 1-Methylnaphthalene	12.222	142	25275	2.407	ng/ul	99
10) Acenaphthylene	13.926	152	7357	0.495	ng/ul	99
11) Acenaphthene	14.299	153	1969m	0.157	ng/ul	
12) Fluorene	15.262	166	2297	0.159	ng/ul#	80
15) Phenanthrene	16.999	178	130890	7.515	ng/ul	97
16) Anthracene	17.089	178	14869	0.912	ng/ul	99
19) Fluoranthene	19.023	202	122634	6.546	ng/ul	98
20) Pyrene	19.386	202	100996	5.316	ng/ul	95
21) Benzo(a)anthracene	21.141	228	56478	3.188	ng/ul	95
22) Chrysene	21.195	228	66678	3.638	ng/ul	97
24) Benzo(b)fluoranthene	22.679	252	59231m	3.127	ng/ul	
25) Benzo(k)fluoranthene	22.715	252	21483m	1.098	ng/ul	
26) Benzo(a)pyrene	23.224	252	33743	2.034	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.451	276	21836	1.018	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.455	278	6723	0.389	ng/ul#	80
29) Benzo(g,h,i)perylene	26.102	276	3697	0.202	ng/ul#	80

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

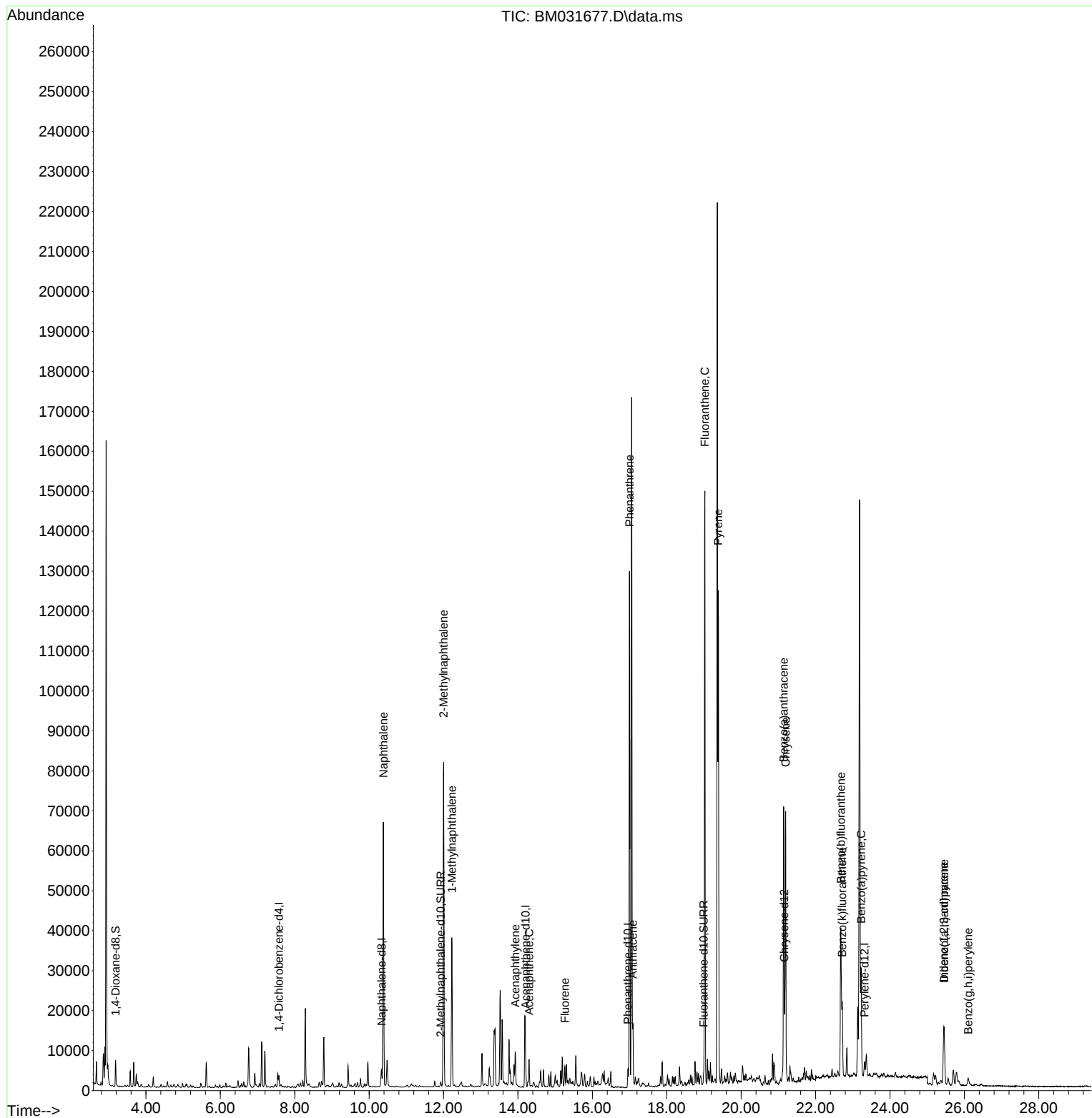
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Data File : BM031677.D
Acq On : 12 Aug 2021 15:01
Operator : CG/JU
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ALS Vial : 11 Sample Multiplier: 1

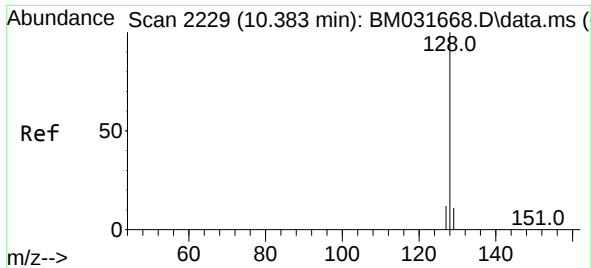
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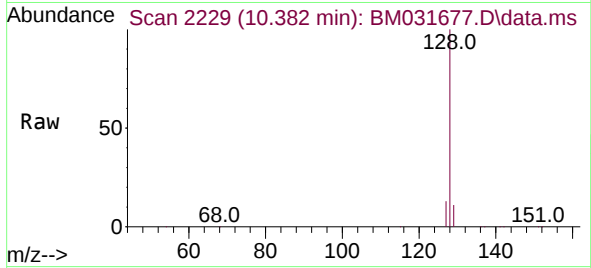
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Quant Time: Aug 12 15:38:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 11:28:10 2021
Response via : Initial Calibration

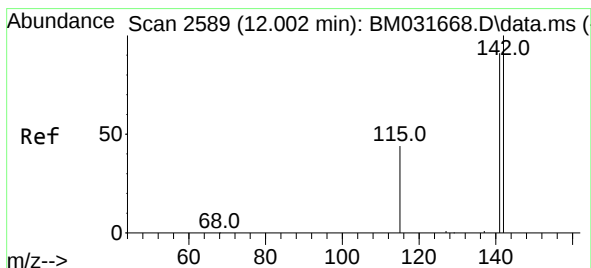
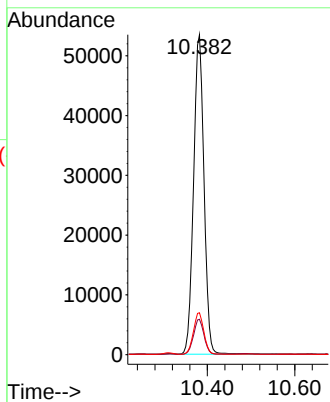
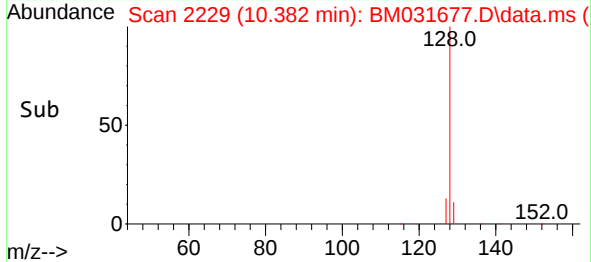




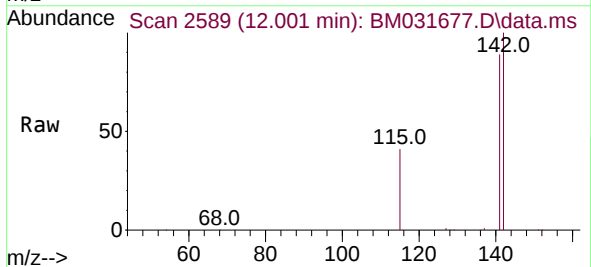
#5
Naphthalene
Concen: 5.670 ng/ul
RT: 10.382 min Scan# 2229
Delta R.T. -0.001 min
Lab File: BM031677.D
Acq: 12 Aug 2021 15:01



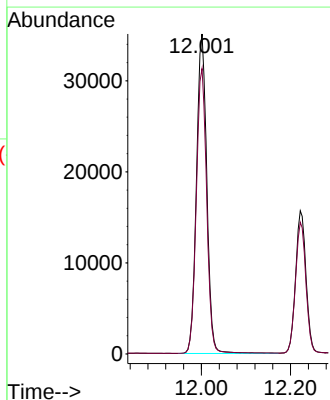
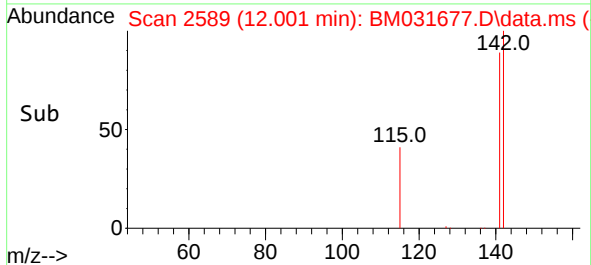
Tgt Ion:128 Resp: 88221
Ion Ratio Lower Upper
128 100
129 11.0 10.0 15.0
127 13.1 11.6 17.4



#7
2-Methylnaphthalene
Concen: 5.303 ng/ul
RT: 12.001 min Scan# 2589
Delta R.T. -0.001 min
Lab File: BM031677.D
Acq: 12 Aug 2021 15:01



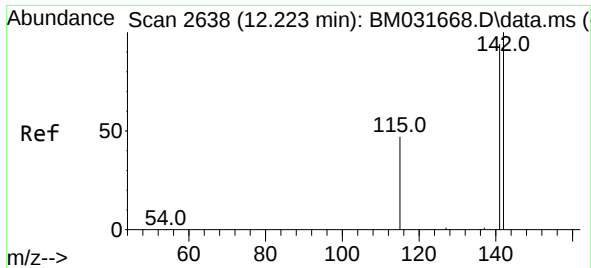
Tgt Ion:142 Resp: 56369
Ion Ratio Lower Upper
142 100
141 89.7 71.4 107.0



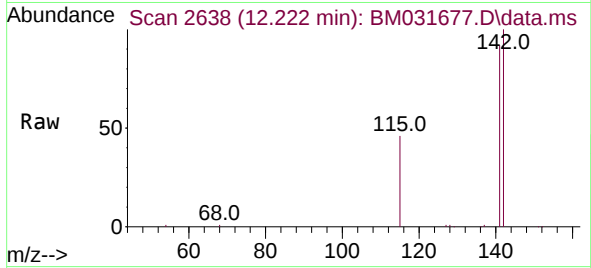
Instrument :
BNA_M
ClientSampled :
C00D5

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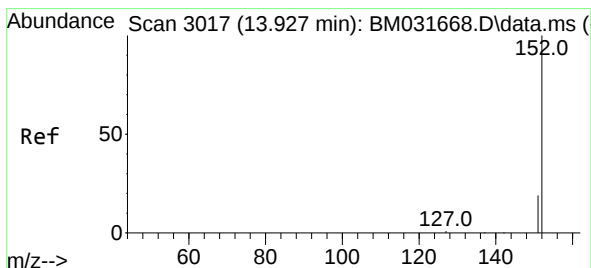
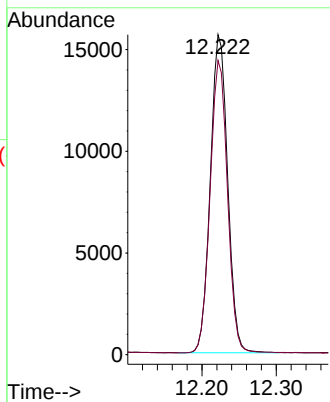
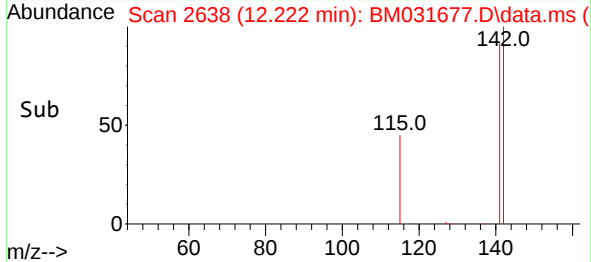
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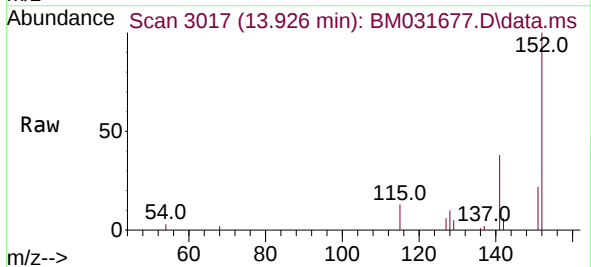
#8
1-Methylnaphthalene
Concen: 2.407 ng/ul
RT: 12.222 min Scan# 2638
Delta R.T. -0.001 min
Lab File: BM031677.D
Acq: 12 Aug 2021 15:01



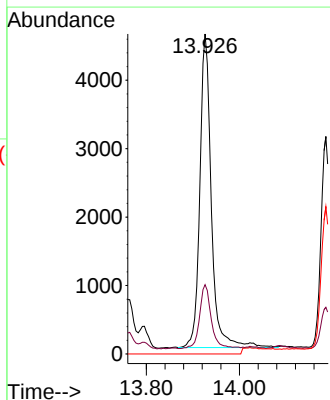
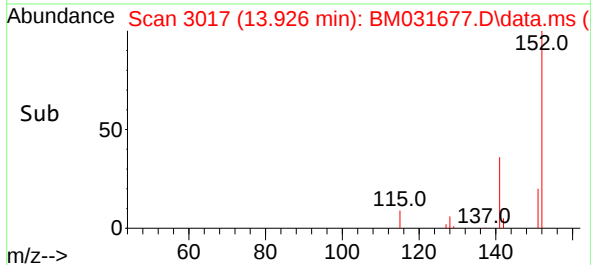
Tgt Ion:142 Resp: 25275
Ion Ratio Lower Upper
142 100
141 92.1 74.1 111.1



#10
Acenaphthylene
Concen: 0.495 ng/ul
RT: 13.926 min Scan# 3017
Delta R.T. -0.001 min
Lab File: BM031677.D
Acq: 12 Aug 2021 15:01



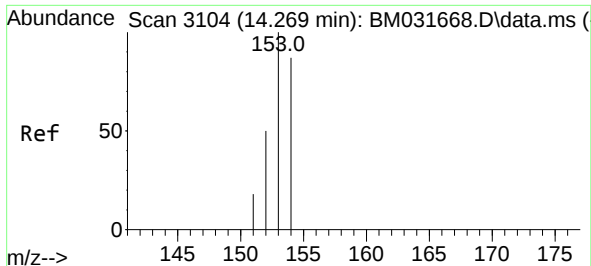
Tgt Ion:152 Resp: 7357
Ion Ratio Lower Upper
152 100
151 21.7 16.9 25.3
153 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampleId :
C00D5

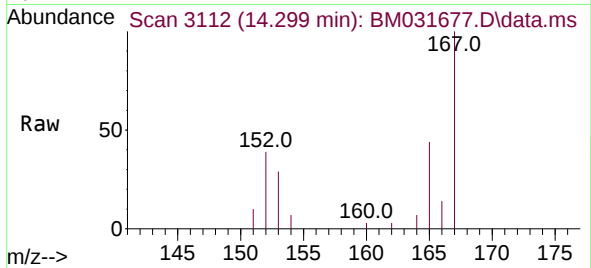
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#11
Acenaphthene
Concen: 0.157 ng/ul m
RT: 14.299 min Scan# 3112
Delta R.T. 0.030 min
Lab File: BM031677.D
Acq: 12 Aug 2021 15:01

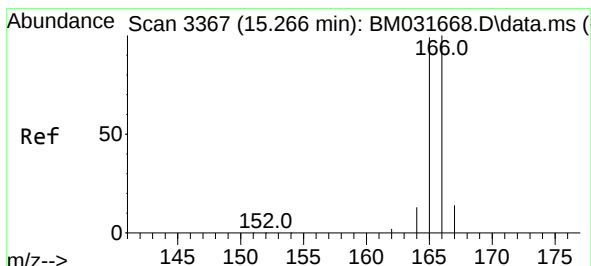
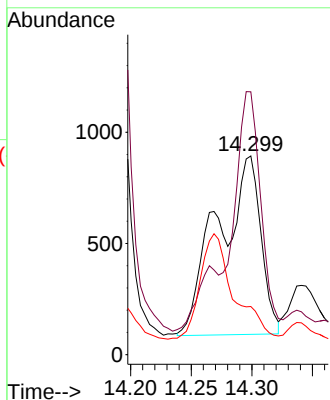
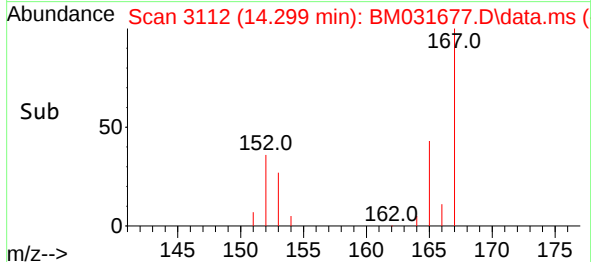
Instrument :
BNA_M
ClientSampled :
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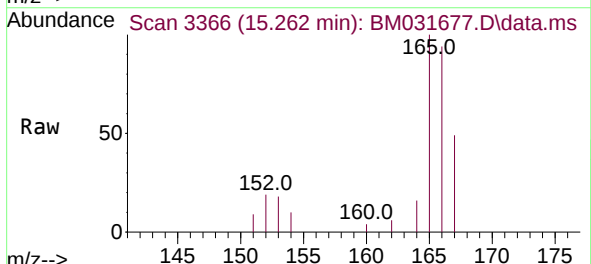
Tgt Ion:153 Resp: 1969
Ion Ratio Lower Upper
153 100
152 132.2 40.7 61.1#
154 24.3 70.2 105.2#

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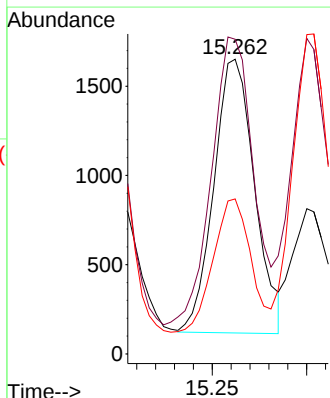
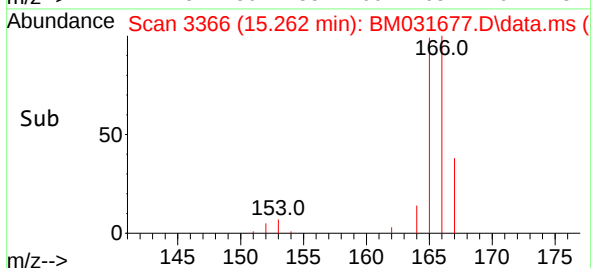
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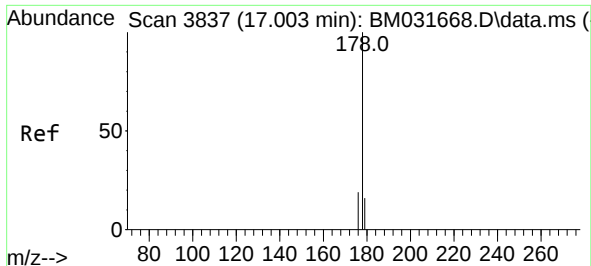


#12
Fluorene
Concen: 0.159 ng/ul
RT: 15.262 min Scan# 3366
Delta R.T. -0.004 min
Lab File: BM031677.D
Acq: 12 Aug 2021 15:01



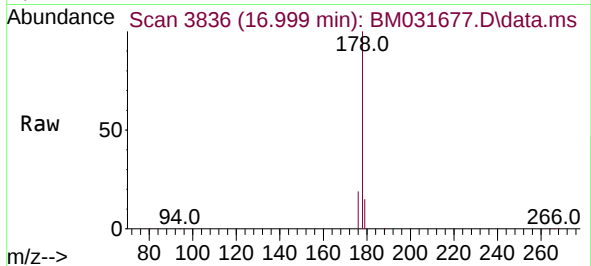
Tgt Ion:166 Resp: 2297
Ion Ratio Lower Upper
166 100
165 106.8 78.0 117.0
167 52.6 12.0 18.0#





#15
Phenanthrene
Concen: 7.515 ng/ul
RT: 16.999 min Scan# 3836
Delta R.T. -0.004 min
Lab File: BM031677.D
Acq: 12 Aug 2021 15:01

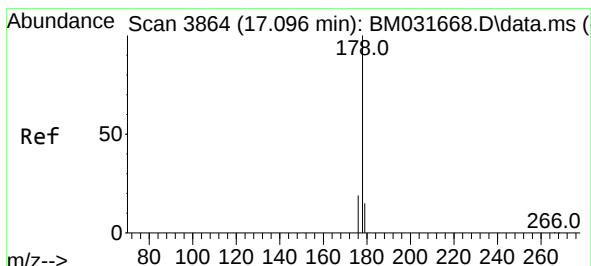
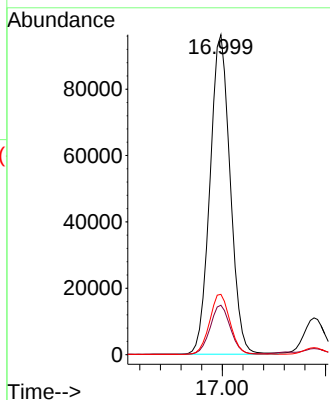
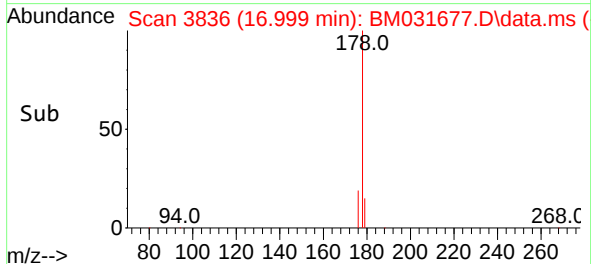
Instrument :
BNA_M
ClientSampled :
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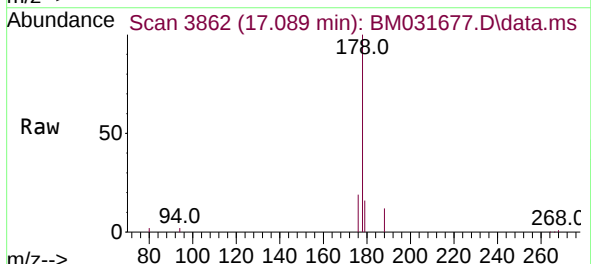
Tgt Ion:178 Resp: 130890
Ion Ratio Lower Upper
178 100
179 15.5 13.3 19.9
176 18.8 16.2 24.4

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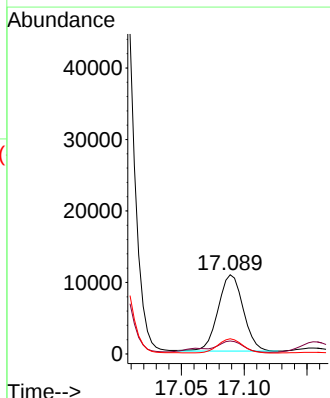
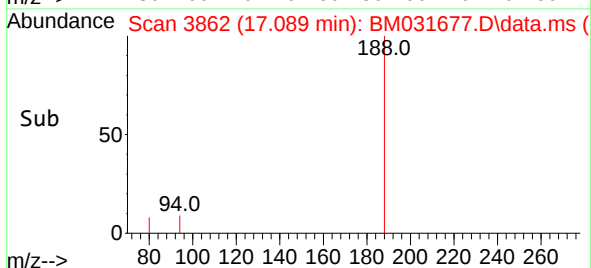
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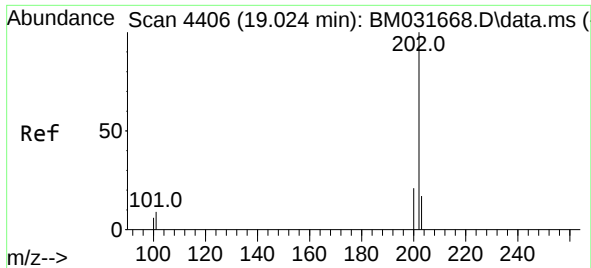


#16
Anthracene
Concen: 0.912 ng/ul
RT: 17.089 min Scan# 3862
Delta R.T. -0.007 min
Lab File: BM031677.D
Acq: 12 Aug 2021 15:01

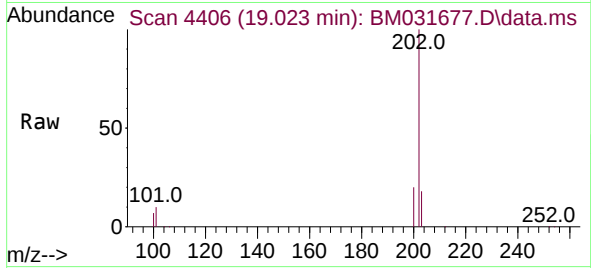


Tgt Ion:178 Resp: 14869
Ion Ratio Lower Upper
178 100
179 16.4 13.0 19.6
176 19.1 15.6 23.4

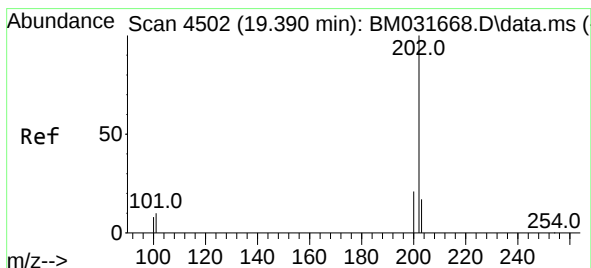
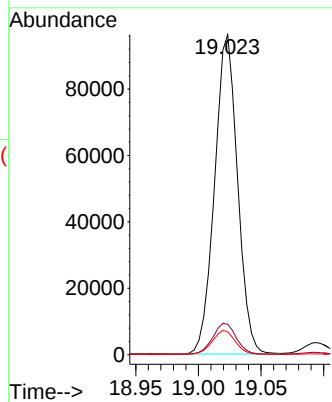
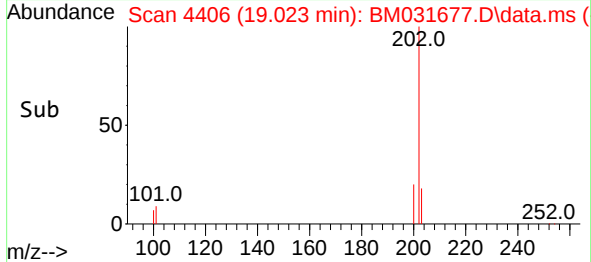




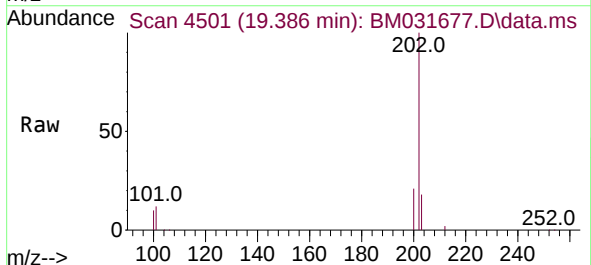
#19
Fluoranthene
Concen: 6.546 ng/ul
RT: 19.023 min Scan# 4406
Delta R.T. -0.000 min
Lab File: BM031677.D
Acq: 12 Aug 2021 15:01



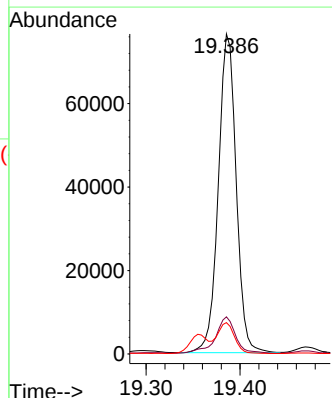
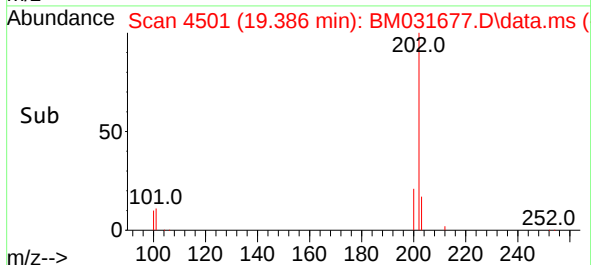
Tgt Ion:202 Resp: 122634
Ion Ratio Lower Upper
202 100
101 9.5 6.6 10.0
100 7.2 5.4 8.0



#20
Pyrene
Concen: 5.316 ng/ul
RT: 19.386 min Scan# 4501
Delta R.T. -0.004 min
Lab File: BM031677.D
Acq: 12 Aug 2021 15:01



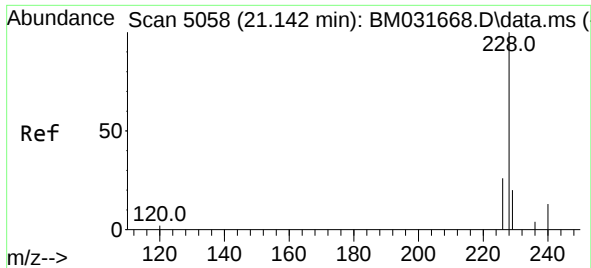
Tgt Ion:202 Resp: 100996
Ion Ratio Lower Upper
202 100
101 11.6 7.8 11.6
100 9.8 6.6 10.0



Instrument :
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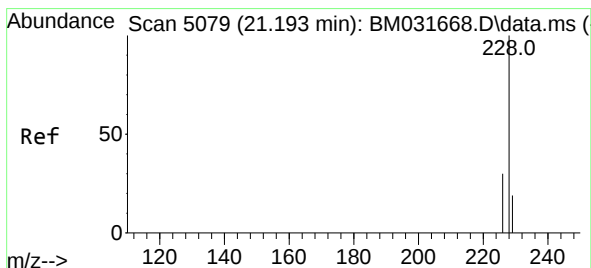
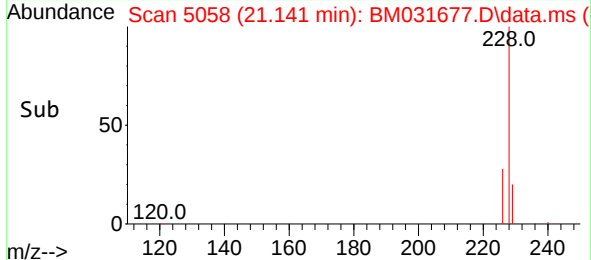
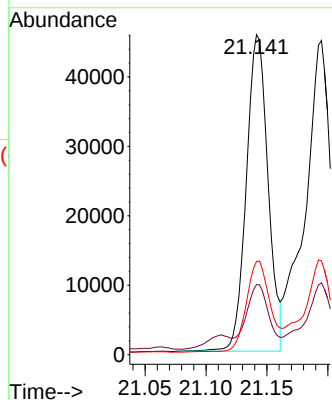
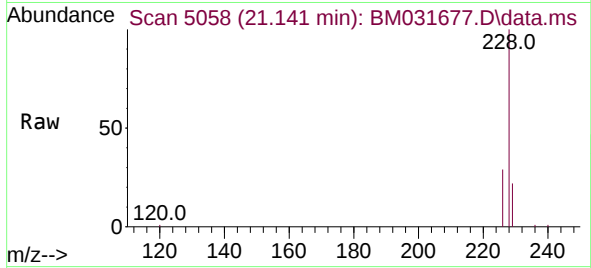
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Benzo(a)anthracene
Concen: 3.188 ng/uI
RT: 21.141 min Scan# 5058
Delta R.T. -0.000 min
Lab File: BM031677.D
Acq: 12 Aug 2021 15:01

Tgt Ion:228 Resp: 56478
Ion Ratio Lower Upper
228 100
229 21.9 15.6 23.4
226 29.2 21.7 32.5

Instrument :
BNA_M
ClientSampled :
C00D5

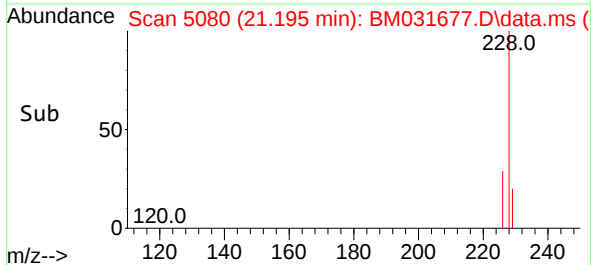
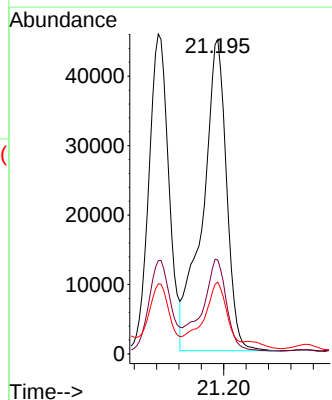
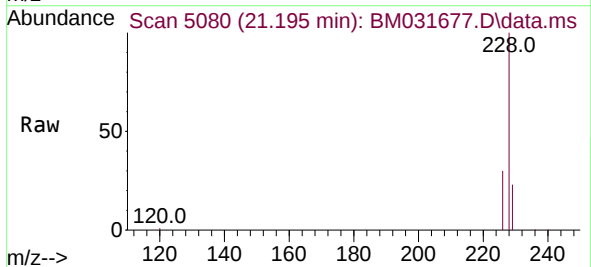
Manual Integrations
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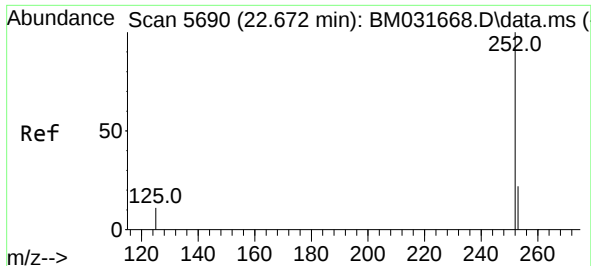
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#22
Chrysene
Concen: 3.638 ng/uI
RT: 21.195 min Scan# 5080
Delta R.T. 0.002 min
Lab File: BM031677.D
Acq: 12 Aug 2021 15:01

Tgt Ion:228 Resp: 66678
Ion Ratio Lower Upper
228 100
226 29.9 24.7 37.1
229 22.9 16.2 24.2





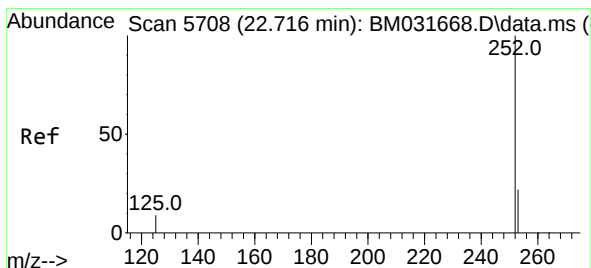
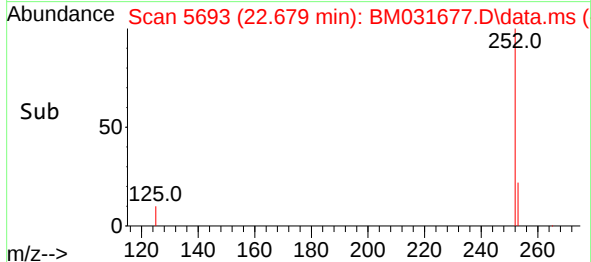
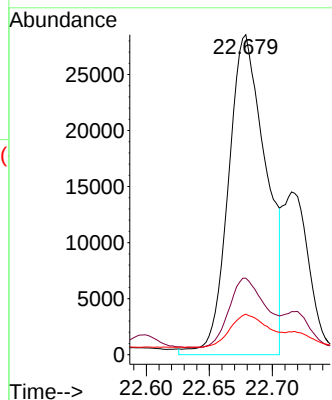
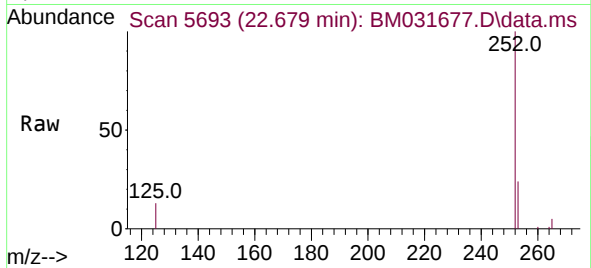
#24
Benzo(b)fluoranthene
Concen: 3.127 ng/ul m
RT: 22.679 min Scan# 5693
Delta R.T. 0.007 min
Lab File: BM031677.D
Acq: 12 Aug 2021 15:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	0.0	53.0
125	12.6	0.0	22.8

Instrument :
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C00D5

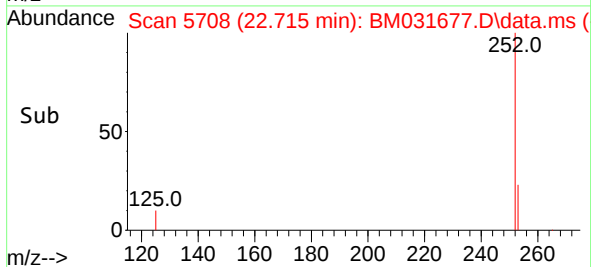
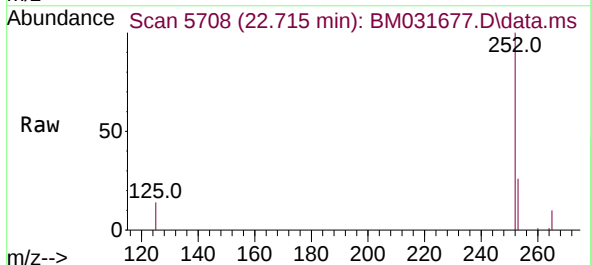
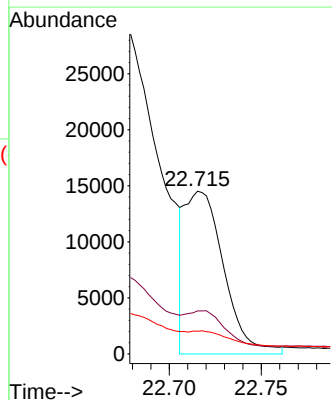
Manual Integrations
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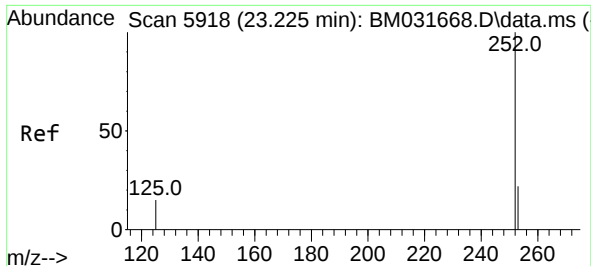
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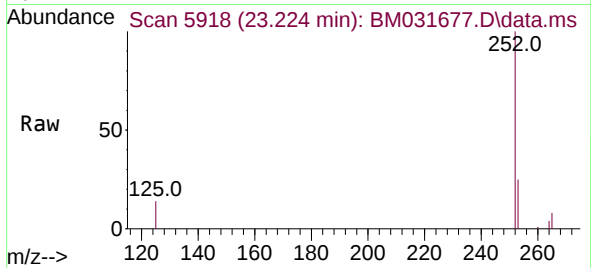
#25
Benzo(k)fluoranthene
Concen: 1.098 ng/ul m
RT: 22.715 min Scan# 5708
Delta R.T. -0.000 min
Lab File: BM031677.D
Acq: 12 Aug 2021 15:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.4	21.3	31.9
125	14.0	8.8	13.2

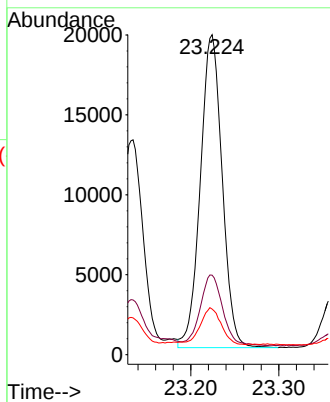
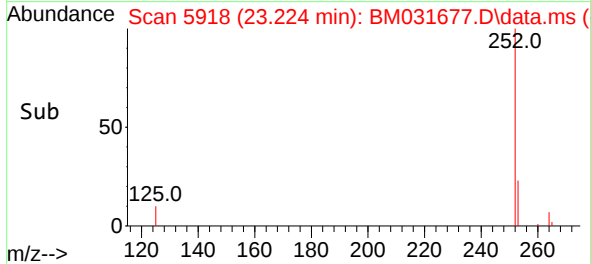




#26
Benzo(a)pyrene
Concen: 2.034 ng/ul
RT: 23.224 min Scan# 5918
Delta R.T. -0.001 min
Lab File: BM031677.D
Acq: 12 Aug 2021 15:01



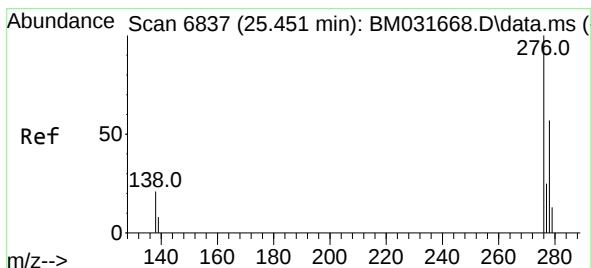
Tgt Ion: 252 Resp: 33743
Ion Ratio Lower Upper
252 100
253 24.9 22.4 33.6
125 14.3 13.0 19.4



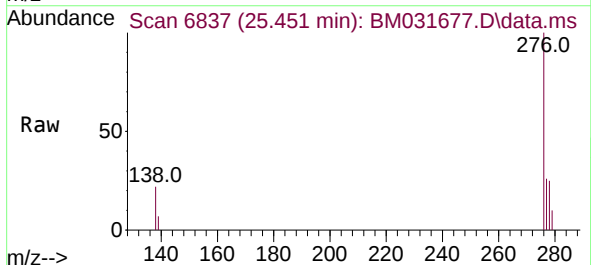
Instrument :
BNA_M
ClientSampled :
C00D5

Manual Integrations
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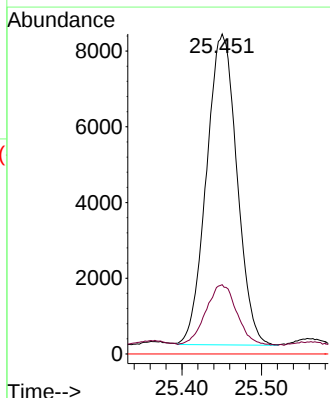
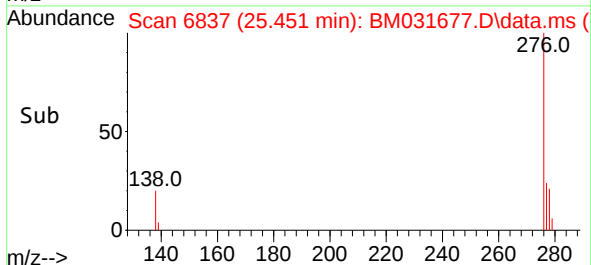
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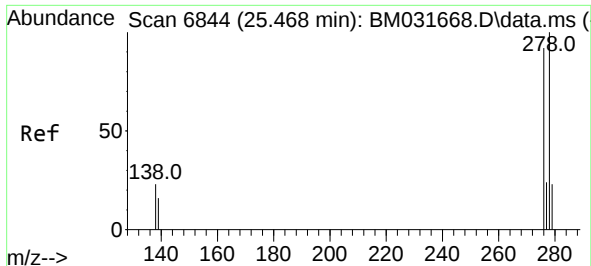


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.018 ng/ul
RT: 25.451 min Scan# 6837
Delta R.T. -0.001 min
Lab File: BM031677.D
Acq: 12 Aug 2021 15:01



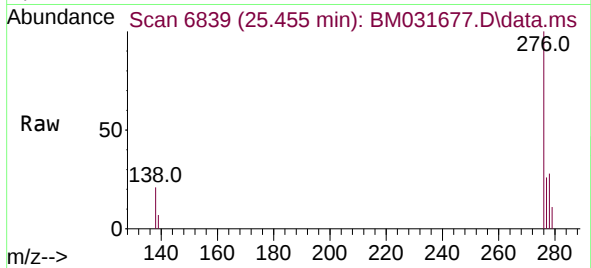
Tgt Ion: 276 Resp: 21836
Ion Ratio Lower Upper
276 100
138 19.9 15.8 23.8
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.389 ng/ul
RT: 25.455 min Scan# 6839
Delta R.T. -0.013 min
Lab File: BM031677.D
Acq: 12 Aug 2021 15:01

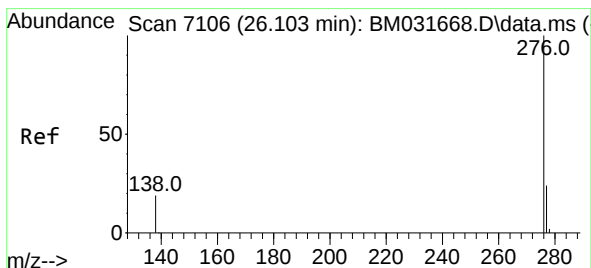
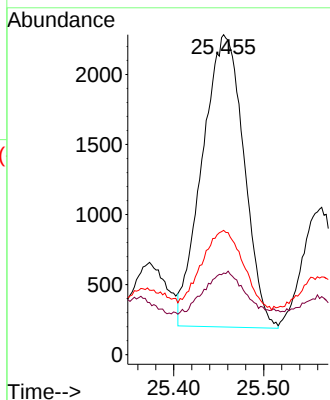
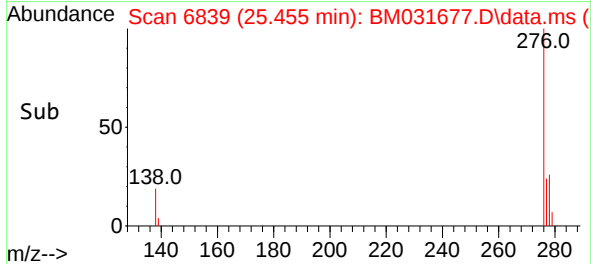
Instrument :
BNA_M
ClientSampleId :
C00D5



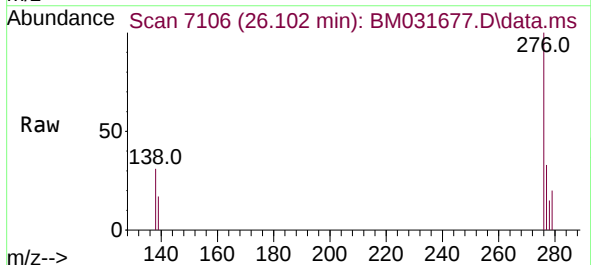
Tgt Ion:278 Resp: 6723
Ion Ratio Lower Upper
278 100
139 25.5 13.3 19.9#
279 38.8 22.8 34.2#

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.202 ng/ul
RT: 26.102 min Scan# 7106
Delta R.T. -0.001 min
Lab File: BM031677.D
Acq: 12 Aug 2021 15:01



Tgt Ion:276 Resp: 3697
Ion Ratio Lower Upper
276 100
138 30.8 15.4 23.2#
277 33.2 19.9 29.9#

