

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
 Data File : BM031692.D
 Acq On : 13 Aug 2021 00:22
 Operator : CG/JU
 Sample : M3182-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00D0

Manual Integrations
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mohammad
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Quant Time: Aug 13 01:03:13 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 17:28:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	1149	0.400	ng/ul	0.00
4) Naphthalene-d8	10.329	136	4188	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.201	164	2498	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.954	188	4590	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.149	240	3862	0.400	ng/ul	# 0.00
23) Perylene-d12	23.302	264	3841	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.182	96	3605	2.825	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.921	152	1589	0.225	ng/ul	-0.01
18) Fluoranthene-d10	18.985	212	3493	0.271	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.379	128	16568	1.328	ng/ul	98
7) 2-Methylnaphthalene	11.998	142	10776	1.264	ng/ul	100
8) 1-Methylnaphthalene	12.218	142	4979	0.591	ng/ul	99
10) Acenaphthylene	13.923	152	3911	0.368	ng/ul	95
11) Acenaphthene	14.265	153	923	0.103	ng/ul	97
12) Fluorene	15.259	166	2017	0.196	ng/ul#	90
15) Phenanthrene	16.995	178	51070	3.504	ng/ul	97
16) Anthracene	17.086	178	7488	0.549	ng/ul	99
19) Fluoranthene	19.020	202	62815	3.809	ng/ul	98
20) Pyrene	19.382	202	49055	2.933	ng/ul	97
21) Benzo(a)anthracene	21.135	228	23760	1.524	ng/ul	95
22) Chrysene	21.185	228	26918	1.668	ng/ul	97
24) Benzo(b)fluoranthene	22.665	252	28678m	1.657	ng/ul	
25) Benzo(k)fluoranthene	22.706	252	9169m	0.513	ng/ul	
26) Benzo(a)pyrene	23.210	252	17700	1.168	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.434	276	11991	0.612	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.441	278	3275	0.207	ng/ul#	68
29) Benzo(g,h,i)perylene	26.088	276	2615	0.156	ng/ul#	76

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

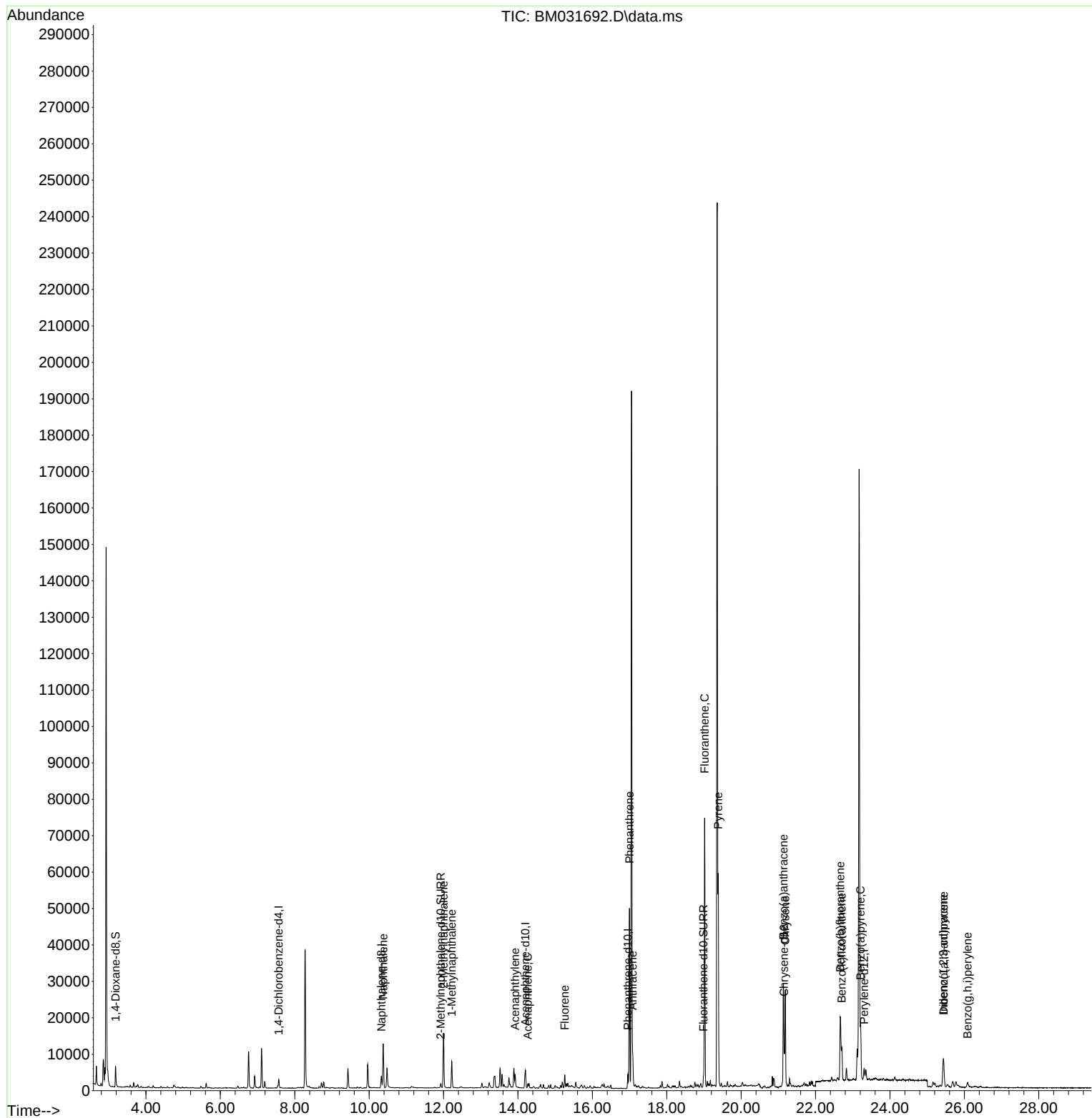
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Data File : BM031692.D
Acq On : 13 Aug 2021 00:22
Operator : CG/JU
Sample : M3182-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

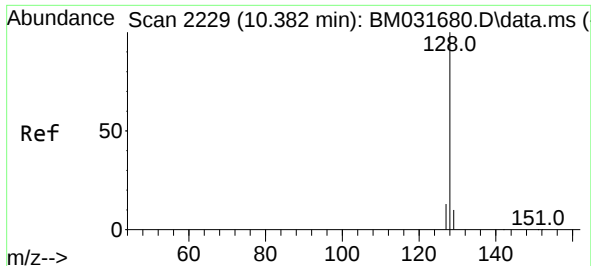
Instrument :
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ClientSampleId :
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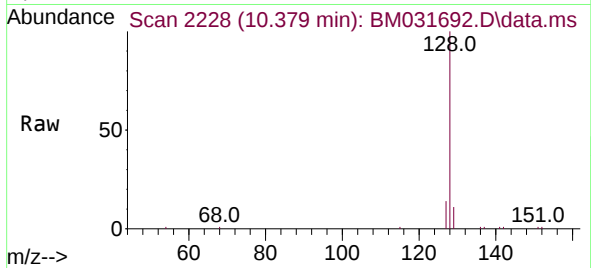
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Quant Time: Aug 13 01:03:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

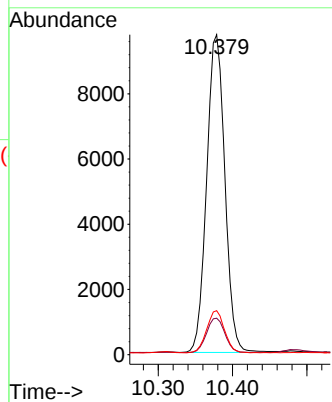
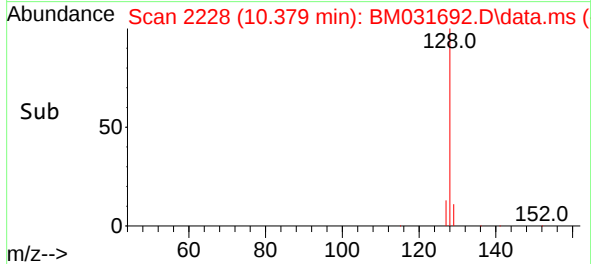




#5
Naphthalene
Concen: 1.328 ng/ul
RT: 10.379 min Scan# 2228
Delta R.T. -0.004 min
Lab File: BM031692.D
Acq: 13 Aug 2021 00:22



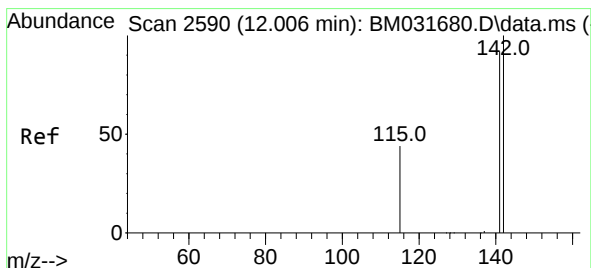
Tgt Ion:128 Resp: 16568
Ion Ratio Lower Upper
128 100
129 11.4 10.0 15.0
127 13.8 11.6 17.4



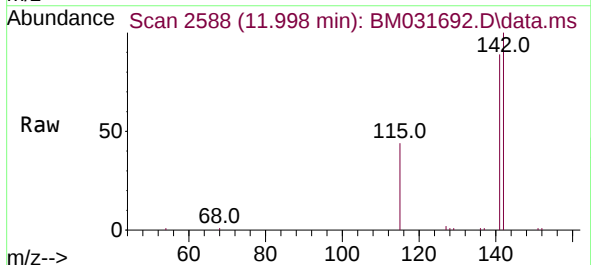
Instrument :
BNA_M
ClientSampled :
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Manual Integrations
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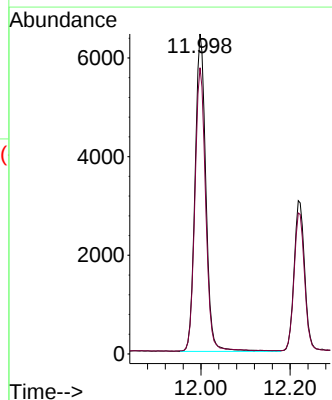
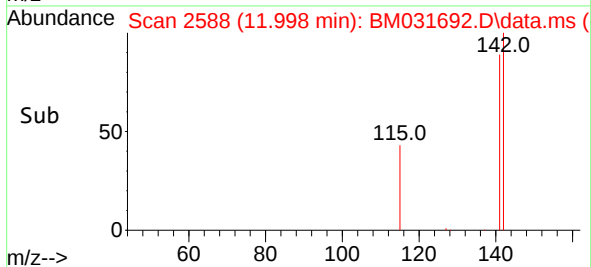
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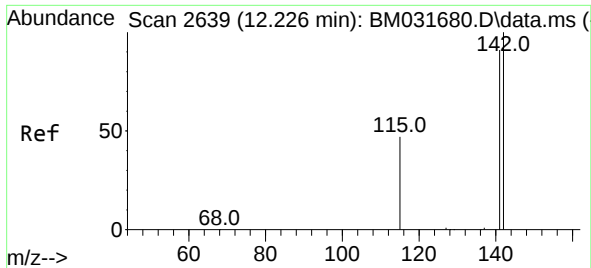


#7
2-Methylnaphthalene
Concen: 1.264 ng/ul
RT: 11.998 min Scan# 2588
Delta R.T. -0.008 min
Lab File: BM031692.D
Acq: 13 Aug 2021 00:22



Tgt Ion:142 Resp: 10776
Ion Ratio Lower Upper
142 100
141 89.2 71.4 107.0





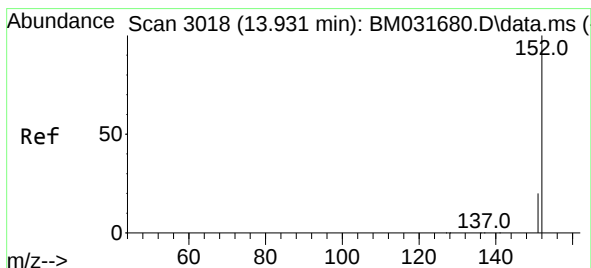
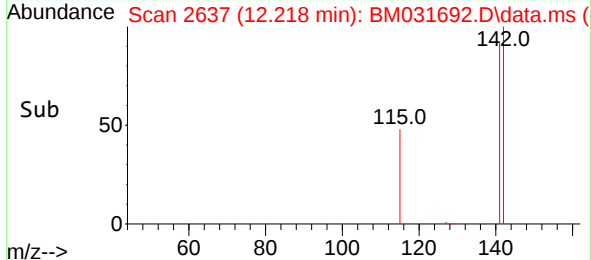
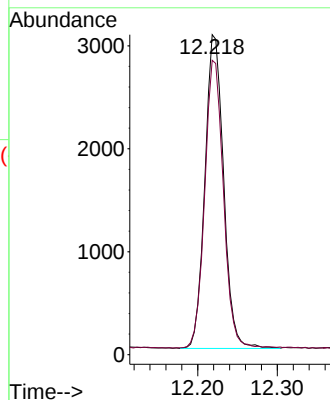
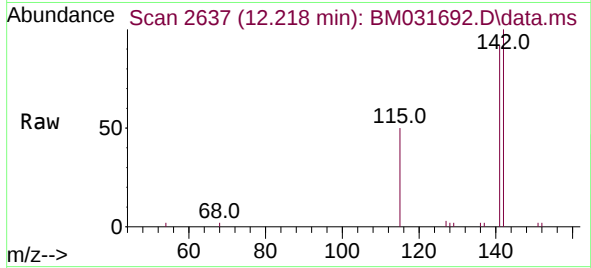
#8
1-Methylnaphthalene
Concen: 0.591 ng/ul
RT: 12.218 min Scan# 2637
Delta R.T. -0.008 min
Lab File: BM031692.D
Acq: 13 Aug 2021 00:22

Tgt Ion:142 Resp: 4979
Ion Ratio Lower Upper
142 100
141 91.8 74.1 111.1

Instrument :
BNA_M
ClientSampled :
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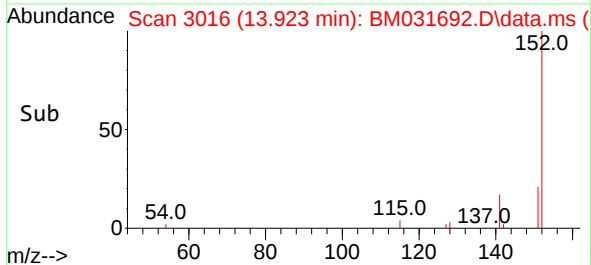
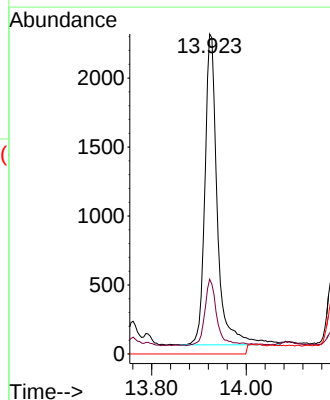
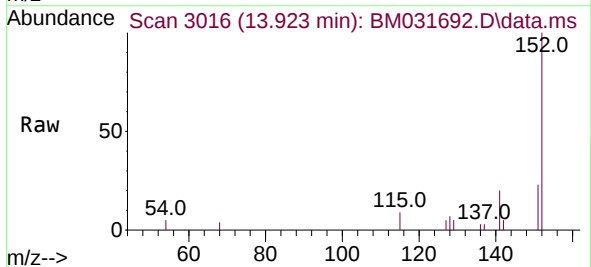
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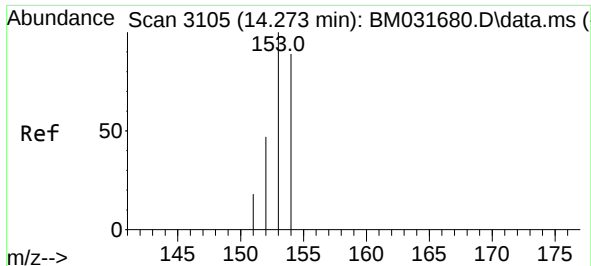
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#10
Acenaphthylene
Concen: 0.368 ng/ul
RT: 13.923 min Scan# 3016
Delta R.T. -0.008 min
Lab File: BM031692.D
Acq: 13 Aug 2021 00:22

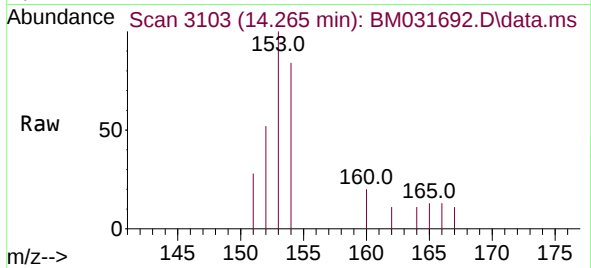
Tgt Ion:152 Resp: 3911
Ion Ratio Lower Upper
152 100
151 23.4 16.9 25.3
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.103 ng/ul
RT: 14.265 min Scan# 3103
Delta R.T. -0.007 min
Lab File: BM031692.D
Acq: 13 Aug 2021 00:22

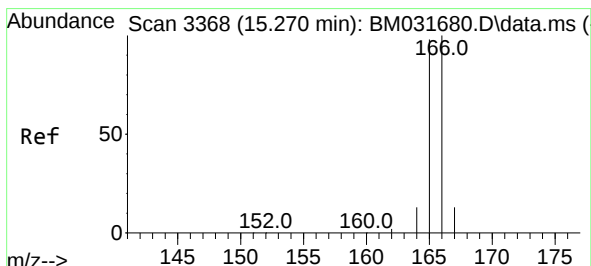
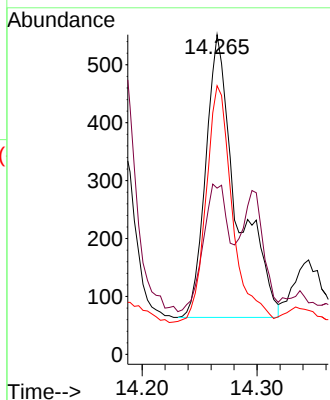
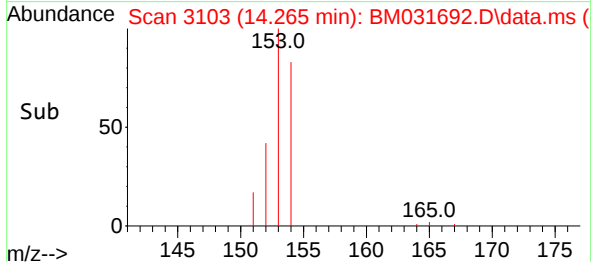
Instrument :
BNA_M
ClientSampled :
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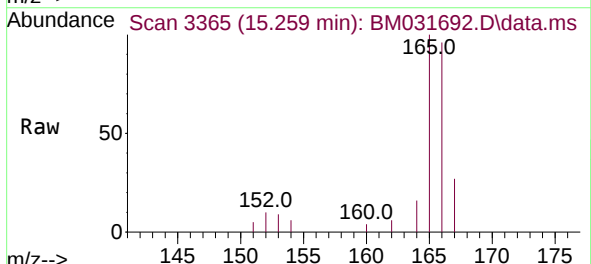
Tgt Ion:153 Resp: 923
Ion Ratio Lower Upper
153 100
152 52.0 40.7 61.1
154 84.1 70.2 105.2

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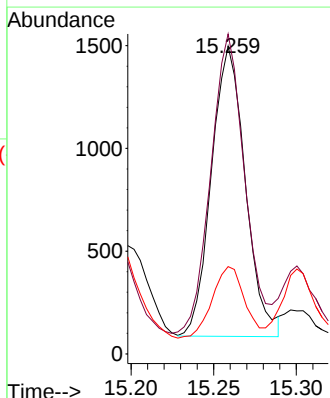
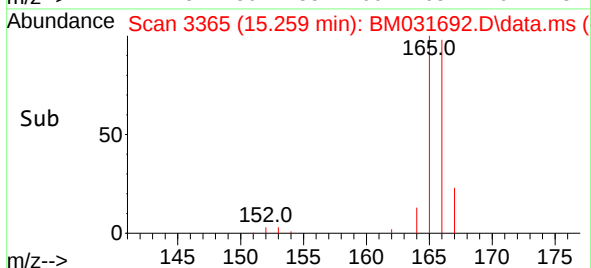
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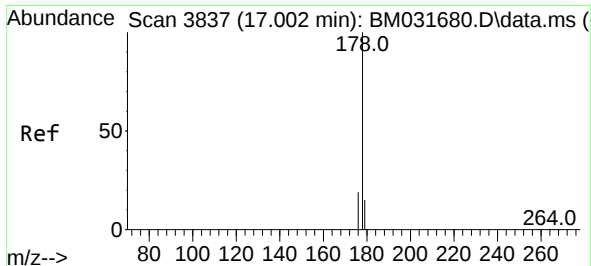


#12
Fluorene
Concen: 0.196 ng/ul
RT: 15.259 min Scan# 3365
Delta R.T. -0.011 min
Lab File: BM031692.D
Acq: 13 Aug 2021 00:22



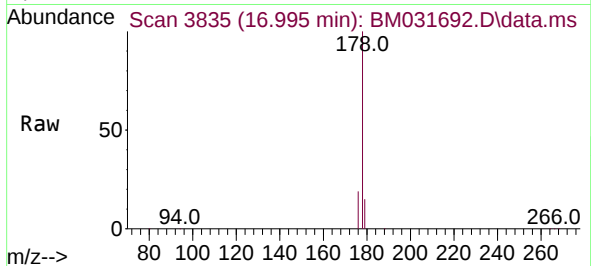
Tgt Ion:166 Resp: 2017
Ion Ratio Lower Upper
166 100
165 103.9 78.0 117.0
167 28.4 12.0 18.0#





#15
Phenanthrene
Concen: 3.504 ng/u1
RT: 16.995 min Scan# 3835
Delta R.T. -0.007 min
Lab File: BM031692.D
Acq: 13 Aug 2021 00:22

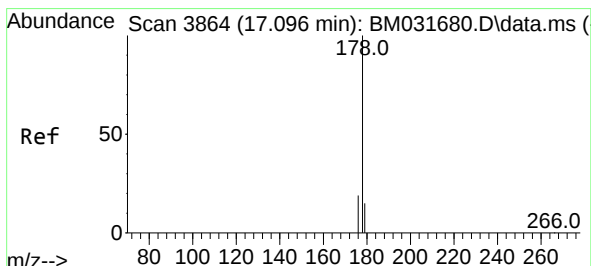
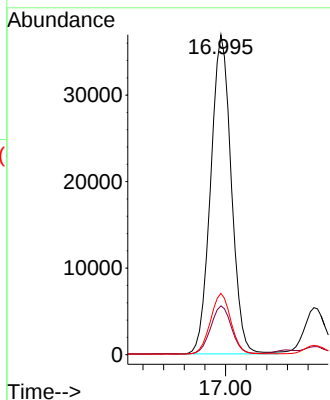
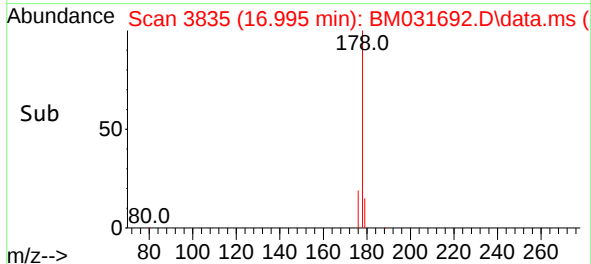
Instrument :
BNA_M
ClientSampled :
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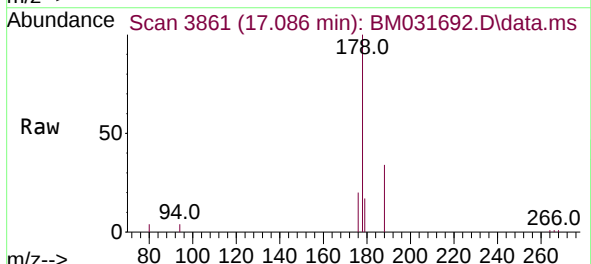
Tgt Ion:178 Resp: 51070
Ion Ratio Lower Upper
178 100
179 15.3 13.3 19.9
176 19.2 16.2 24.4

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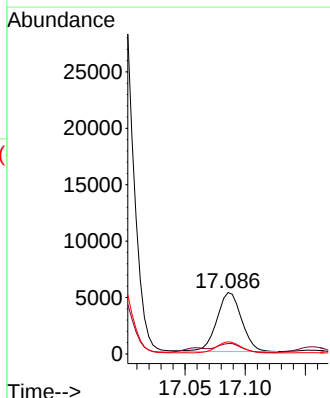
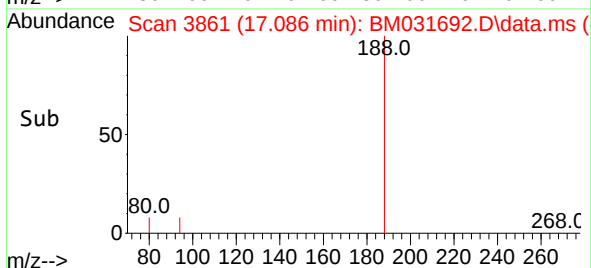
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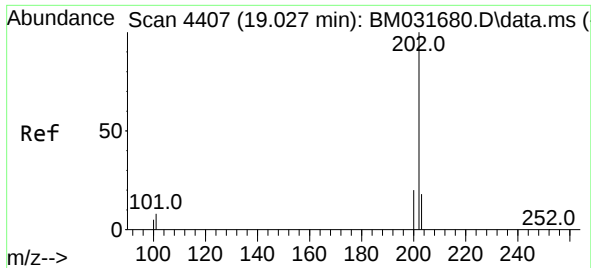


#16
Anthracene
Concen: 0.549 ng/u1
RT: 17.086 min Scan# 3861
Delta R.T. -0.010 min
Lab File: BM031692.D
Acq: 13 Aug 2021 00:22

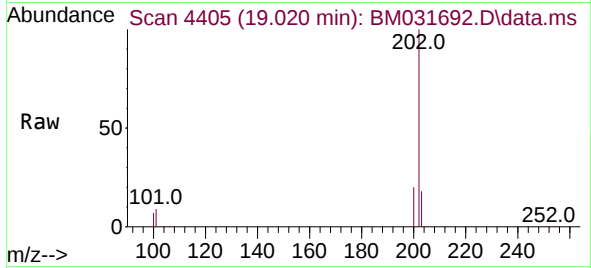


Tgt Ion:178 Resp: 7488
Ion Ratio Lower Upper
178 100
179 17.0 13.0 19.6
176 19.7 15.6 23.4

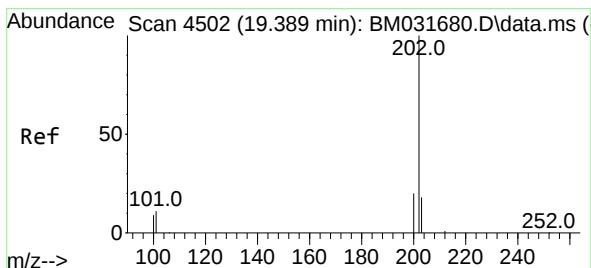
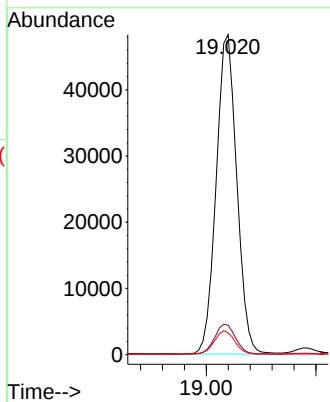
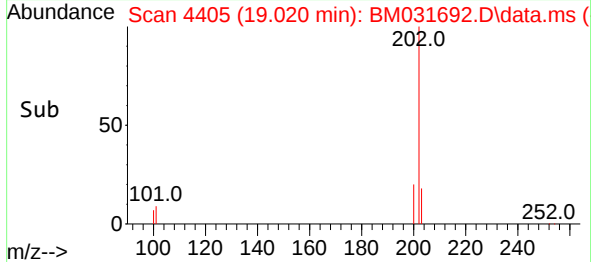




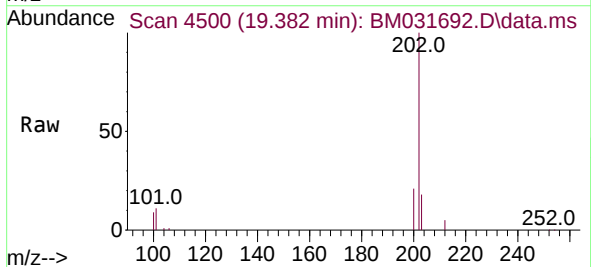
#19
Fluoranthene
Concen: 3.809 ng/u1
RT: 19.020 min Scan# 4405
Delta R.T. -0.007 min
Lab File: BM031692.D
Acq: 13 Aug 2021 00:22



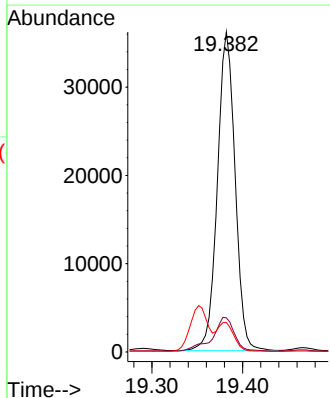
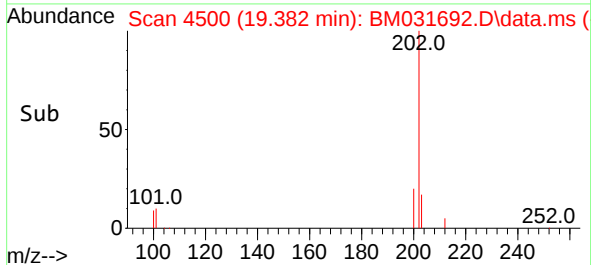
Tgt Ion:202 Resp: 62815
Ion Ratio Lower Upper
202 100
101 9.2 6.6 10.0
100 6.9 5.4 8.0



#20
Pyrene
Concen: 2.933 ng/u1
RT: 19.382 min Scan# 4500
Delta R.T. -0.007 min
Lab File: BM031692.D
Acq: 13 Aug 2021 00:22



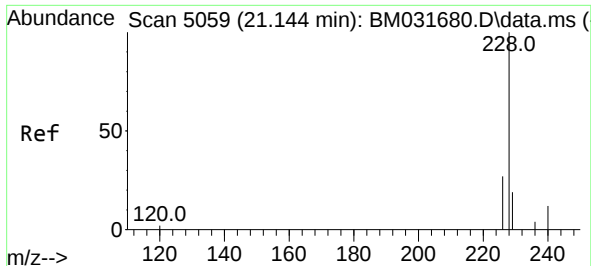
Tgt Ion:202 Resp: 49055
Ion Ratio Lower Upper
202 100
101 10.6 7.8 11.6
100 9.2 6.6 10.0



Instrument :
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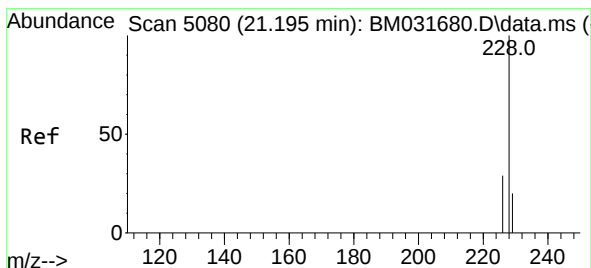
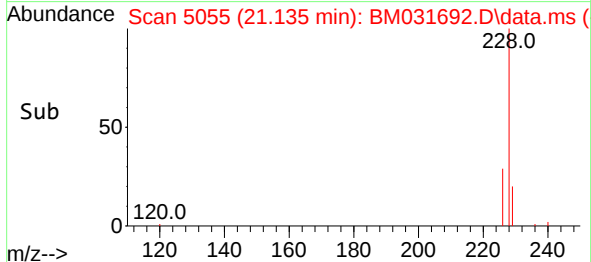
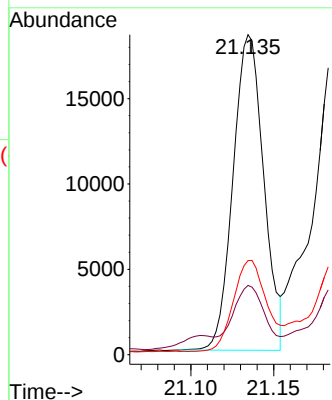
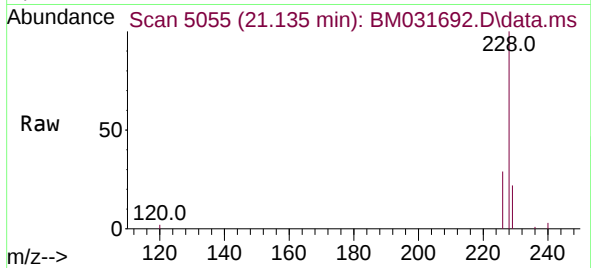
#21
Benzo(a)anthracene
Concen: 1.524 ng/ul
RT: 21.135 min Scan# 5055
Delta R.T. -0.009 min
Lab File: BM031692.D
Acq: 13 Aug 2021 00:22

Tgt Ion:228 Resp: 23760
Ion Ratio Lower Upper
228 100
229 21.7 15.6 23.4
226 29.4 21.7 32.5

Instrument :
BNA_M
ClientSampleId :
C00D0

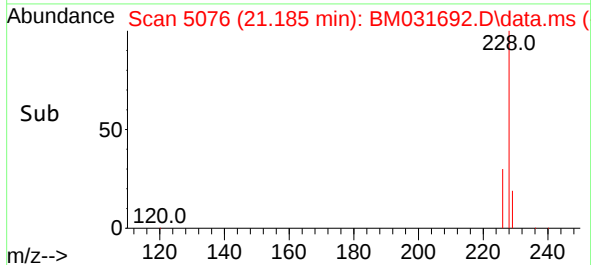
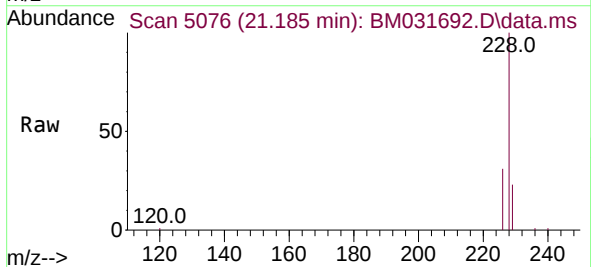
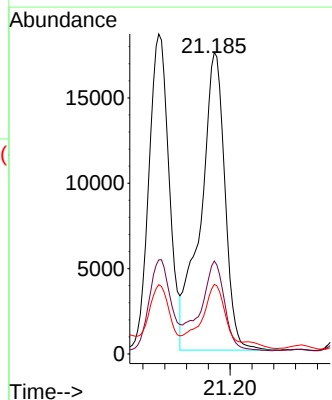
Manual Integrations
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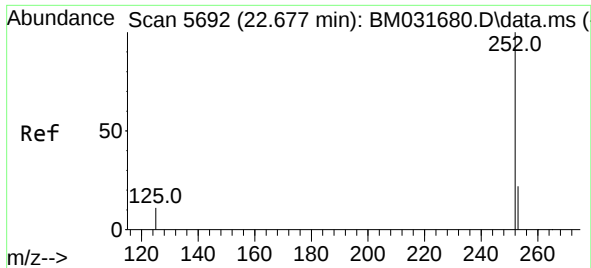
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#22
Chrysene
Concen: 1.668 ng/ul
RT: 21.185 min Scan# 5076
Delta R.T. -0.009 min
Lab File: BM031692.D
Acq: 13 Aug 2021 00:22

Tgt Ion:228 Resp: 26918
Ion Ratio Lower Upper
228 100
226 30.8 24.7 37.1
229 23.1 16.2 24.2





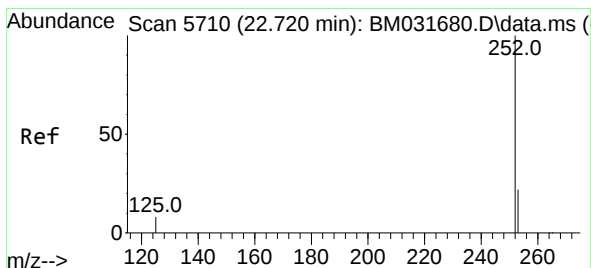
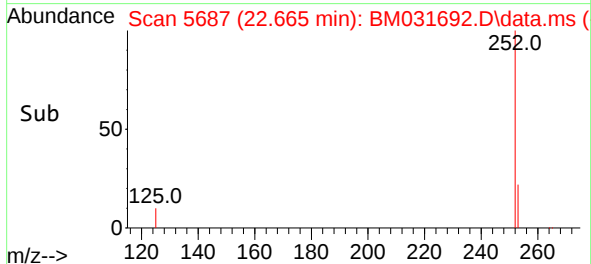
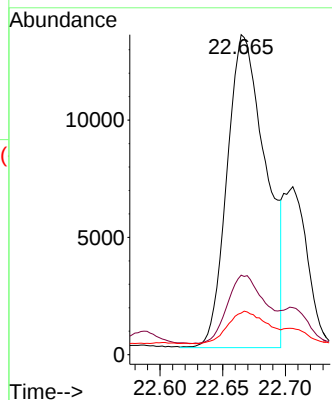
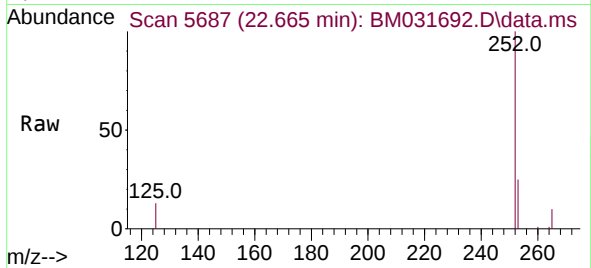
#24
Benzo(b)fluoranthene
Concen: 1.657 ng/ul m
RT: 22.665 min Scan# 5687
Delta R.T. -0.012 min
Lab File: BM031692.D
Acq: 13 Aug 2021 00:22

Tgt Ion:	252	Resp:	28678
Ion Ratio	Lower	Upper	
252	100		
253	24.8	0.0	53.0
125	13.0	0.0	22.8

Instrument :
BNA_M
ClientSampled :
C00D0

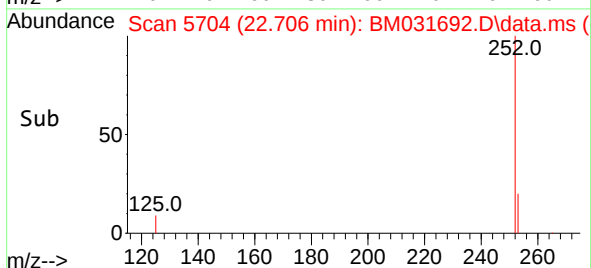
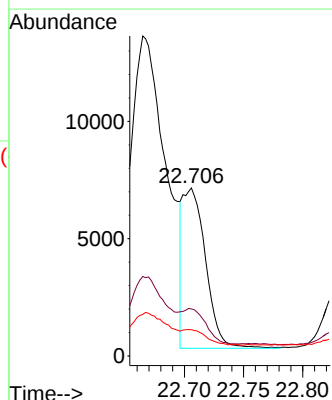
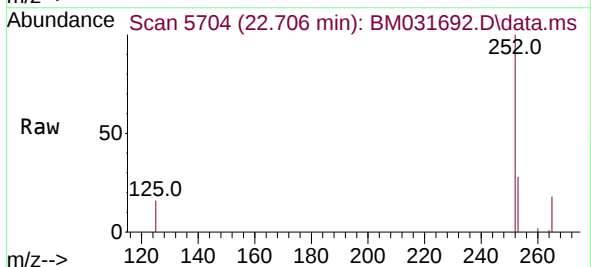
Manual Integrations
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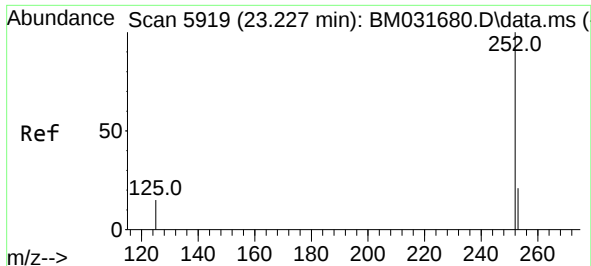
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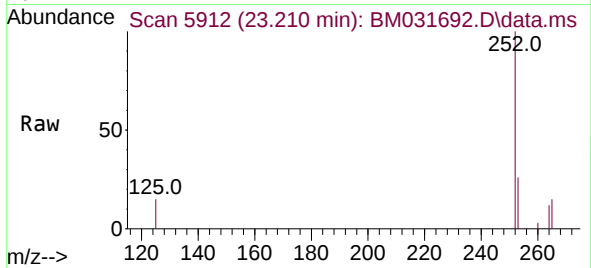
#25
Benzo(k)fluoranthene
Concen: 0.513 ng/ul m
RT: 22.706 min Scan# 5704
Delta R.T. -0.014 min
Lab File: BM031692.D
Acq: 13 Aug 2021 00:22

Tgt Ion:	252	Resp:	9169
Ion Ratio	Lower	Upper	
252	100		
253	28.0	21.3	31.9
125	15.6	8.8	13.2

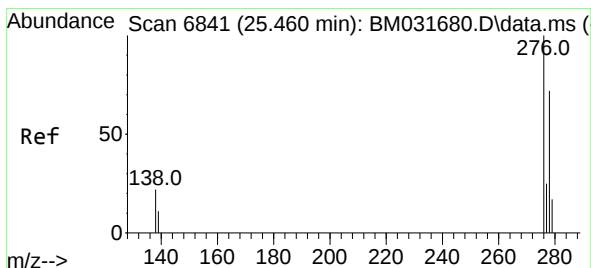
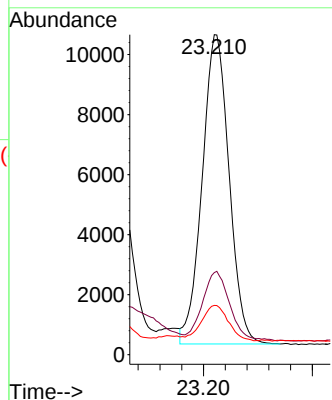
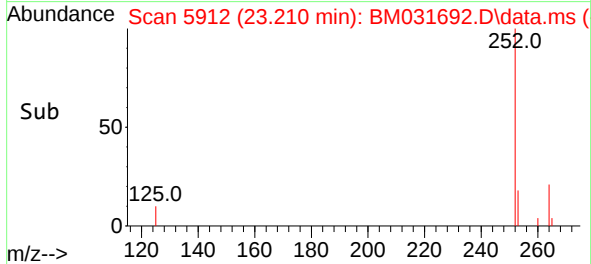




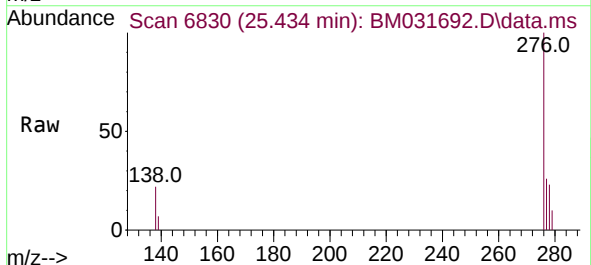
#26
Benzo(a)pyrene
Concen: 1.168 ng/ul
RT: 23.210 min Scan# 5912
Delta R.T. -0.017 min
Lab File: BM031692.D
Acq: 13 Aug 2021 00:22



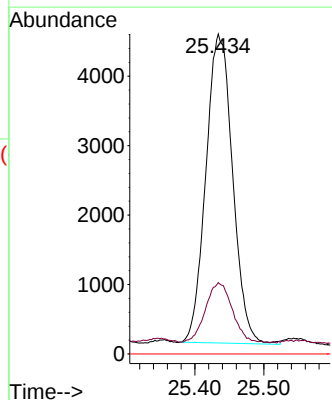
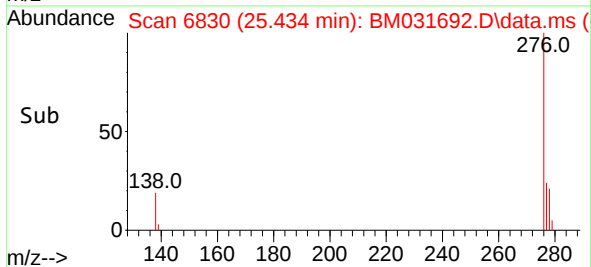
Tgt Ion: 252 Resp: 17700
Ion Ratio Lower Upper
252 100
253 25.7 22.4 33.6
125 15.4 13.0 19.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.612 ng/ul
RT: 25.434 min Scan# 6830
Delta R.T. -0.026 min
Lab File: BM031692.D
Acq: 13 Aug 2021 00:22



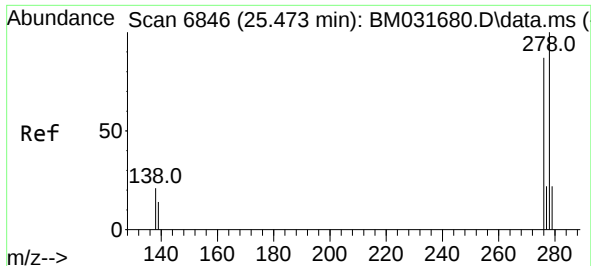
Tgt Ion: 276 Resp: 11991
Ion Ratio Lower Upper
276 100
138 19.6 15.8 23.8
227 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampled :
C00D0

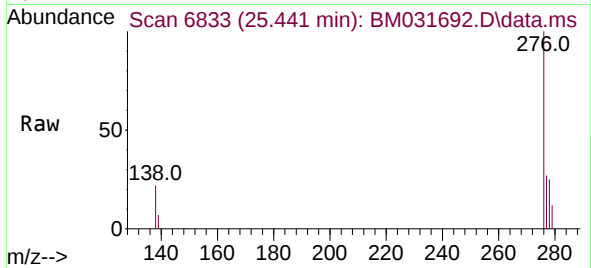
Manual Integrations
APPROVED

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#28
Dibenzo(a,h)anthracene
Concen: 0.207 ng/ul
RT: 25.441 min Scan# 6833
Delta R.T. -0.031 min
Lab File: BM031692.D
Acq: 13 Aug 2021 00:22

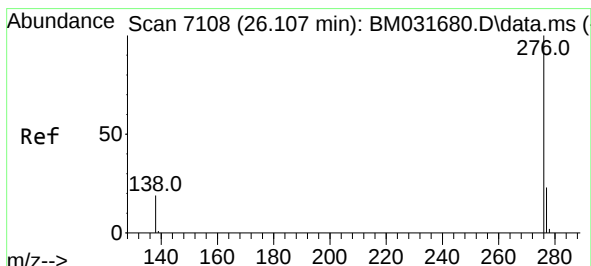
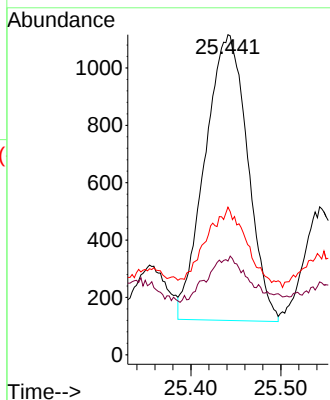
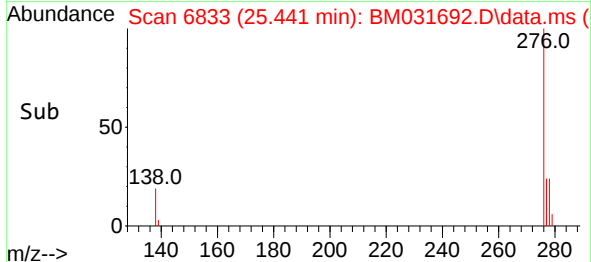
Instrument :
BNA_M
ClientSampled :
C00D0



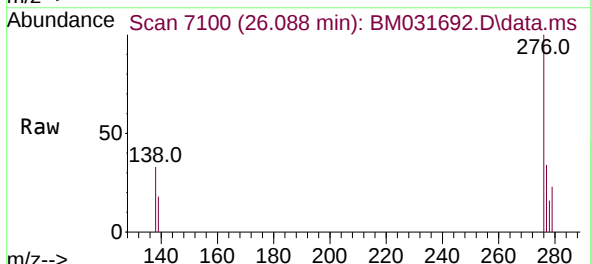
Tgt Ion:278 Resp: 3275
Ion Ratio Lower Upper
278 100
139 29.3 13.3 19.9#
279 46.1 22.8 34.2#

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.156 ng/ul
RT: 26.088 min Scan# 7100
Delta R.T. -0.019 min
Lab File: BM031692.D
Acq: 13 Aug 2021 00:22



Tgt Ion:276 Resp: 2615
Ion Ratio Lower Upper
276 100
138 33.2 15.4 23.2#
277 34.3 19.9 29.9#

