

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062821\
 Data File : BM030686.D
 Acq On : 29 Jun 2021 11:53
 Operator : CG/JU
 Sample : M2680-06 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDD2

Manual Integrations
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mohammad
 6/30/2021 10:24:48 AM

Quant Time: Jun 29 13:08:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 28 14:33:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.788	152	2213	0.400	ng/ul	0.00
4) Naphthalene-d8	10.571	136	8265	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.412	164	4635m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.154	188	10210	0.400	ng/ul	0.00
17) Chrysene-d12	21.326	240	12725	0.400	ng/ul	# 0.00
23) Perylene-d12	23.584	264	13507m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.283	96	1410	0.585	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.159	152	506	0.039	ng/ul	0.00
18) Fluoranthene-d10	19.168	212	1456m	0.040	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.621	128	690224	29.307	ng/ul	97
7) 2-Methylnaphthalene	12.231	142	288645	18.207	ng/ul	100
8) 1-Methylnaphthalene	12.451	142	518735	33.627	ng/ul	100
10) Acenaphthylene	14.132	152	422899	20.439	ng/ul	98
11) Acenaphthene	14.481	153	2252028	134.321	ng/ul	96
12) Fluorene	15.463	166	2006585	108.496	ng/ul	99
15) Phenanthrene	17.206	178	9155640m	266.744	ng/ul	
16) Anthracene	17.290	178	3679351	122.404	ng/ul	99
19) Fluoranthene	19.217	202	8939205	159.159	ng/ul#	93
20) Pyrene	19.576	202	7271687	128.753	ng/ul#	93
21) Benzo(a)anthracene	21.312	228	3712643	73.192	ng/ul#	88
22) Chrysene	21.363	228	2927159	51.515	ng/ul	95
24) Benzo(b)fluoranthene	22.913	252	3580018m	59.841	ng/ul	
25) Benzo(k)fluoranthene	22.944	252	1330468m	21.571	ng/ul	
26) Benzo(a)pyrene	23.492	252	2999445	58.946	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.868	276	1678525	25.322	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.868	278	433020	8.140	ng/ul	96
29) Benzo(g,h,i)perylene	26.571	276	1304484	22.650	ng/ul	96

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

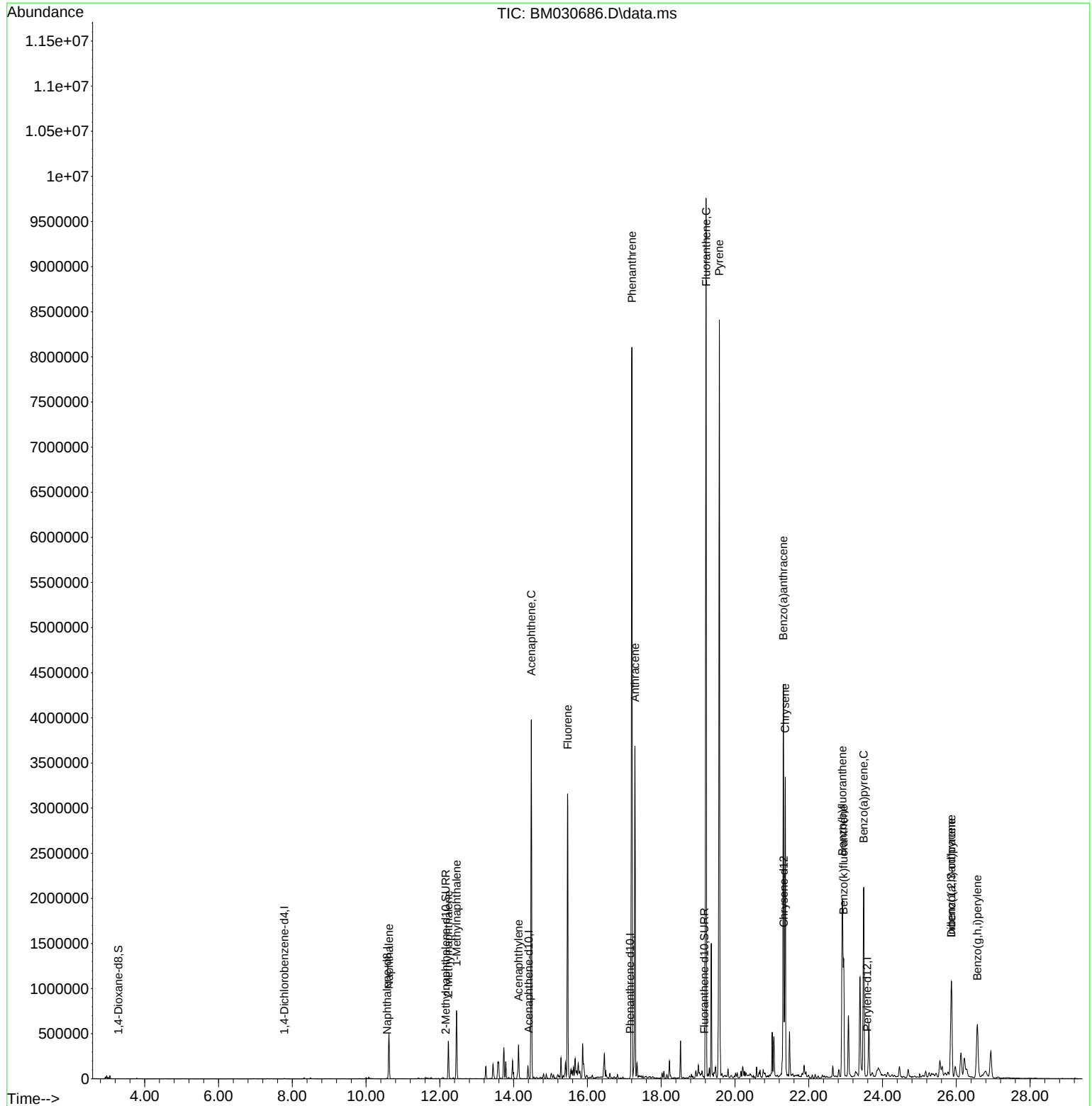
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Data File : BM030686.D
Acq On : 29 Jun 2021 11:53
Operator : CG/JU
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ALS Vial : 30 Sample Multiplier: 1

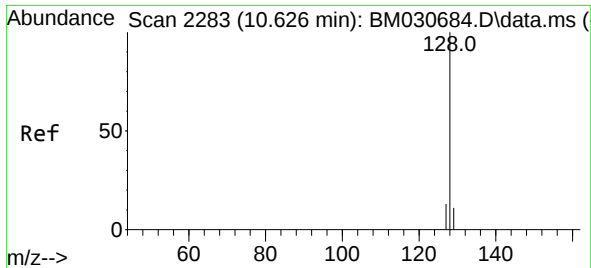
Instrument :
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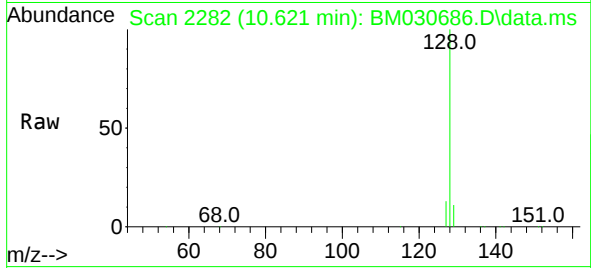
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Quant Time: Jun 29 13:08:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062821.M
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QLast Update : Mon Jun 28 14:33:12 2021
Response via : Initial Calibration

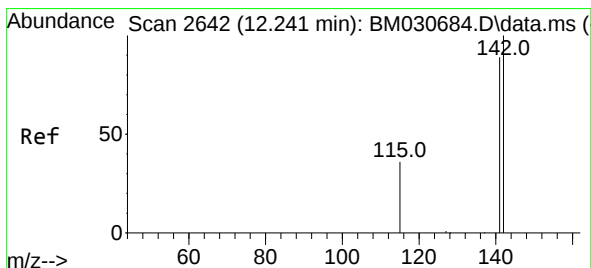
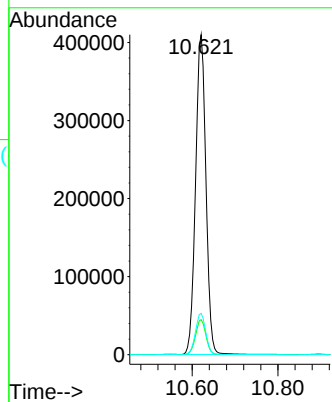
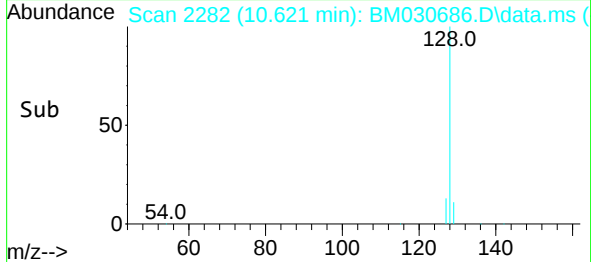




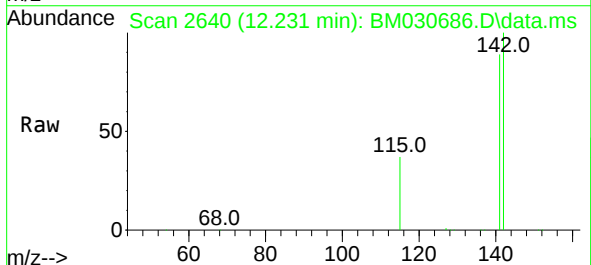
#5
Naphthalene
Concen: 29.307 ng/ul
RT: 10.621 min Scan# 2282
Delta R.T. -0.009 min
Lab File: BM030686.D
Acq: 29 Jun 2021 11:53



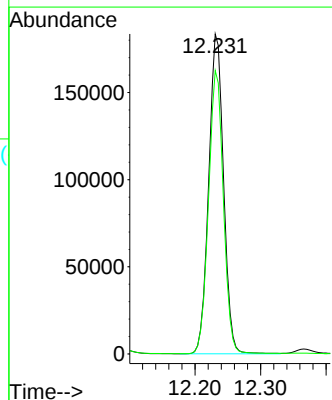
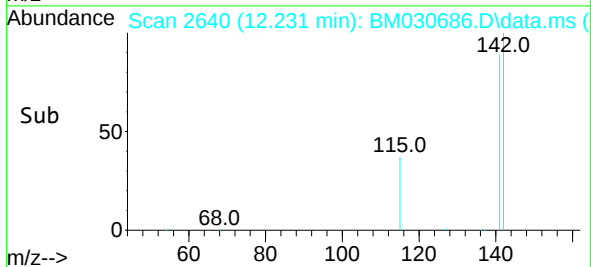
Tgt Ion:128 Resp: 690224
Ion Ratio Lower Upper
128 100
129 10.9 9.5 14.3
127 12.9 11.2 16.8



#7
2-Methylnaphthalene
Concen: 18.207 ng/ul
RT: 12.231 min Scan# 2640
Delta R.T. -0.013 min
Lab File: BM030686.D
Acq: 29 Jun 2021 11:53



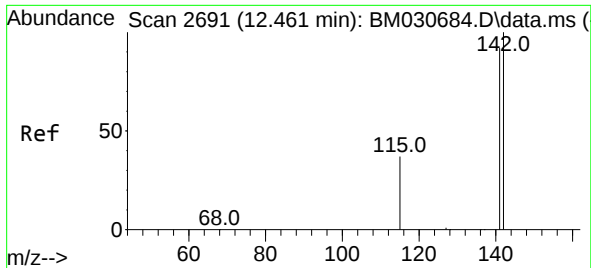
Tgt Ion:142 Resp: 288645
Ion Ratio Lower Upper
142 100
141 88.8 71.4 107.0



Instrument :
BNA_M
ClientSampled :
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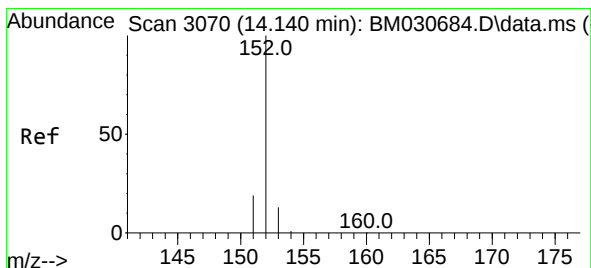
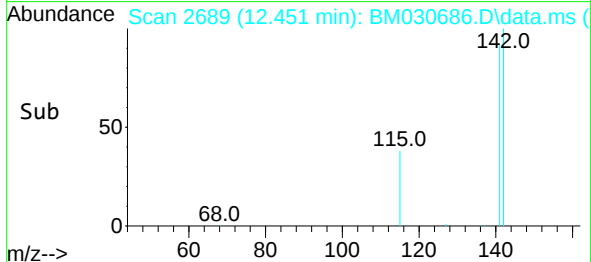
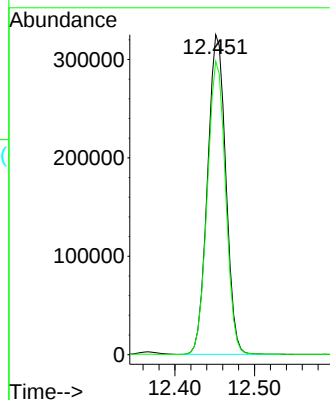
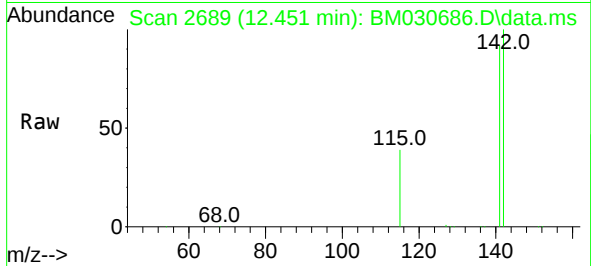
#8
1-Methylnaphthalene
Concen: 33.627 ng/ul
RT: 12.451 min Scan# 2689
Delta R.T. -0.009 min
Lab File: BM030686.D
Acq: 29 Jun 2021 11:53

Tgt Ion:142 Resp: 518735
Ion Ratio Lower Upper
142 100
141 91.8 73.2 109.8

Instrument :
BNA_M
ClientSampled :
BGDD2

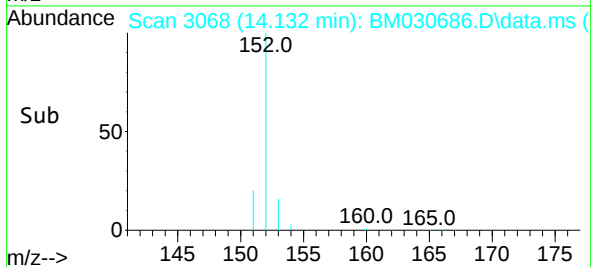
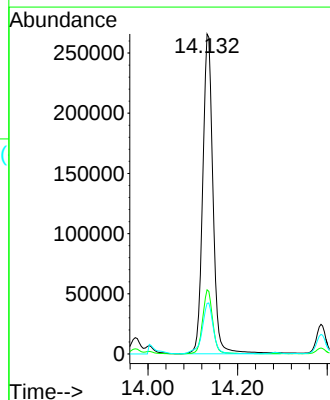
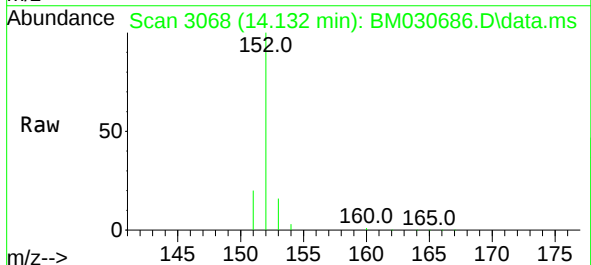
Manual Integrations
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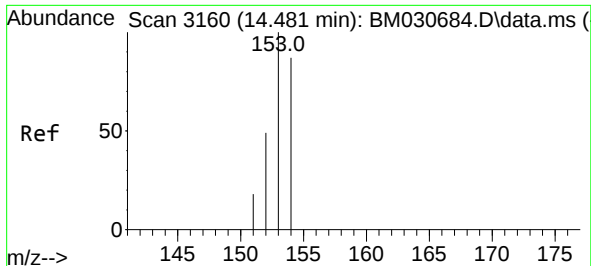
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#10
Acenaphthylene
Concen: 20.439 ng/ul
RT: 14.132 min Scan# 3068
Delta R.T. -0.008 min
Lab File: BM030686.D
Acq: 29 Jun 2021 11:53

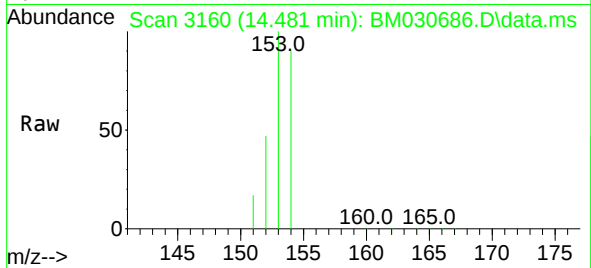
Tgt Ion:152 Resp: 422899
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.4
153 15.8 11.4 17.0





#11
Acenaphthene
Concen: 134.321 ng/ul
RT: 14.481 min Scan# 3160
Delta R.T. -0.001 min
Lab File: BM030686.D
Acq: 29 Jun 2021 11:53

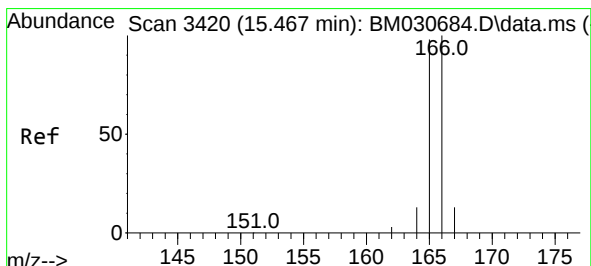
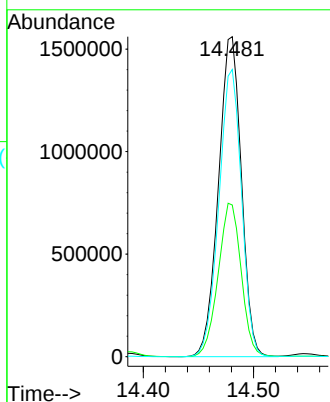
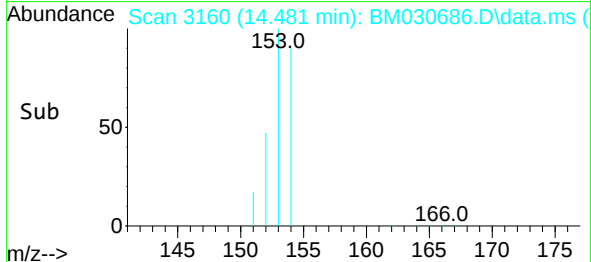
Instrument :
BNA_M
ClientSampled :
BGDD2



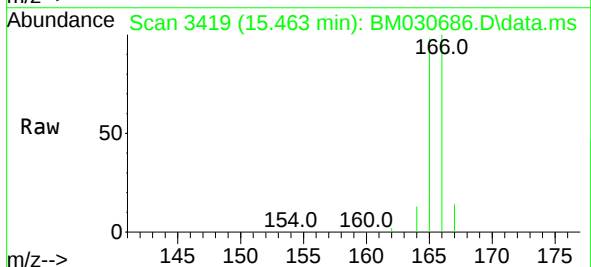
Tgt Ion:153 Resp: 2252028
Ion Ratio Lower Upper
153 100
152 47.4 39.8 59.6
154 89.7 68.7 103.1

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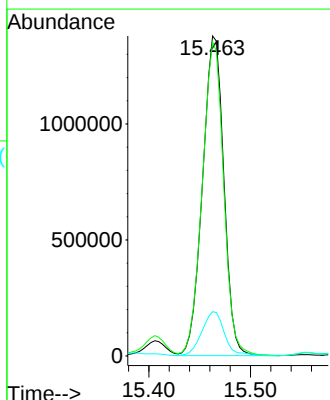
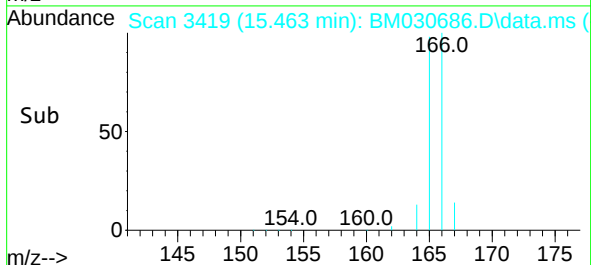
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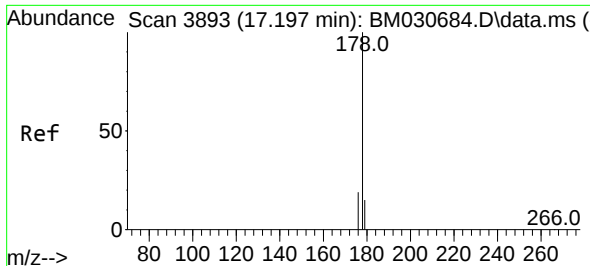


#12
Fluorene
Concen: 108.496 ng/ul
RT: 15.463 min Scan# 3419
Delta R.T. -0.004 min
Lab File: BM030686.D
Acq: 29 Jun 2021 11:53



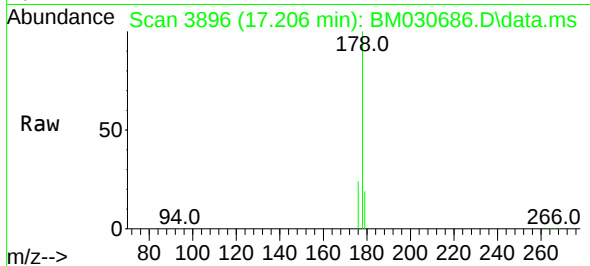
Tgt Ion:166 Resp: 2006585
Ion Ratio Lower Upper
166 100
165 98.1 79.1 118.7
167 13.9 12.2 18.2





#15
Phenanthrene
Concen: 266.744 ng/ul m
RT: 17.206 min Scan# 3896
Delta R.T. 0.006 min
Lab File: BM030686.D
Acq: 29 Jun 2021 11:53

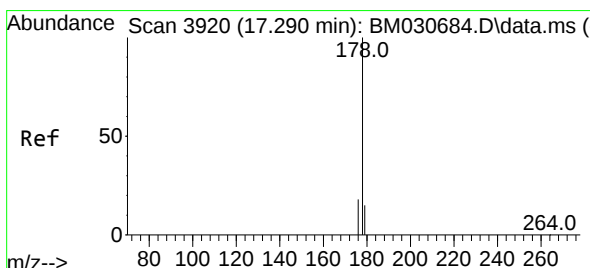
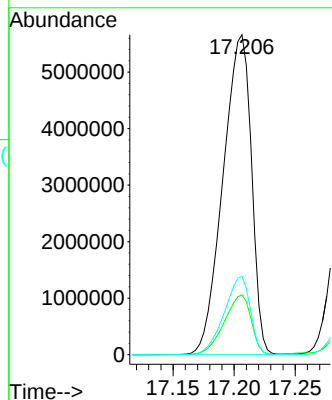
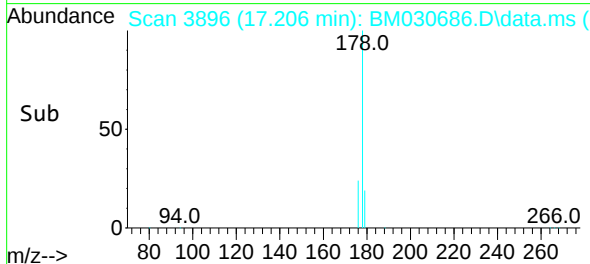
Instrument :
BNA_M
ClientSampled :
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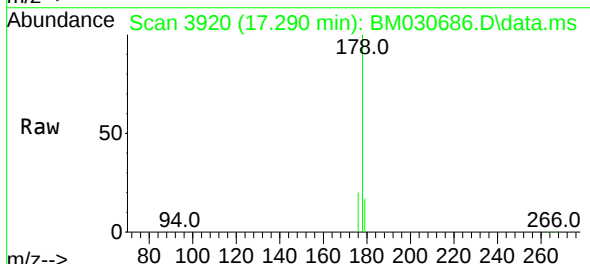
Tgt Ion:178 Resp: 9155640
Ion Ratio Lower Upper
178 100
179 18.7 13.3 19.9
176 24.5 16.0 24.0#

Manual Integrations
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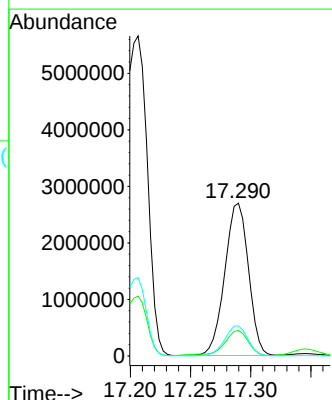
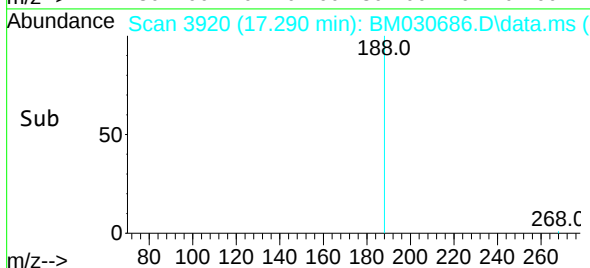
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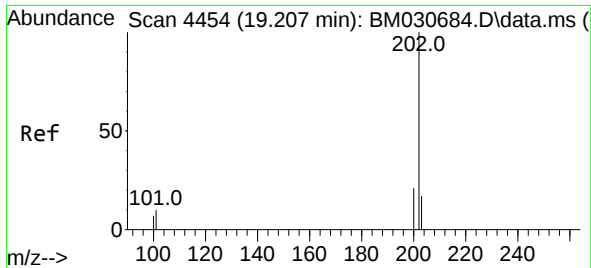


#16
Anthracene
Concen: 122.404 ng/ul
RT: 17.290 min Scan# 3920
Delta R.T. -0.001 min
Lab File: BM030686.D
Acq: 29 Jun 2021 11:53



Tgt Ion:178 Resp: 3679351
Ion Ratio Lower Upper
178 100
179 16.6 14.0 21.0
176 19.7 15.8 23.6





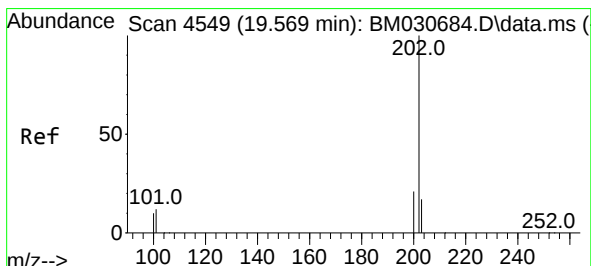
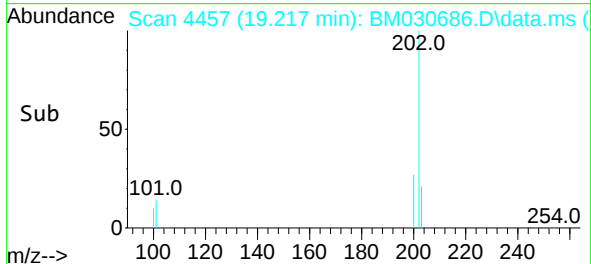
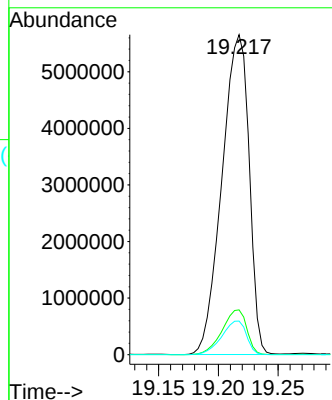
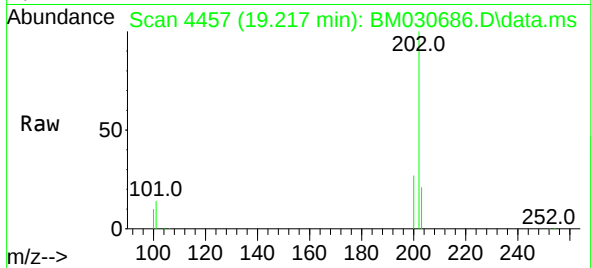
#19
Fluoranthene
Concen: 159.159 ng/u1
RT: 19.217 min Scan# 4457
Delta R.T. 0.007 min
Lab File: BM030686.D
Acq: 29 Jun 2021 11:53

Tgt Ion:202 Resp: 8939205
Ion Ratio Lower Upper
202 100
101 14.0 8.7 13.1#
100 10.5 6.6 9.8#

Instrument :
BNA_M
ClientSampled :
BGDD2

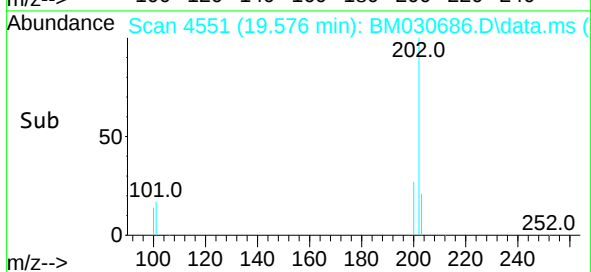
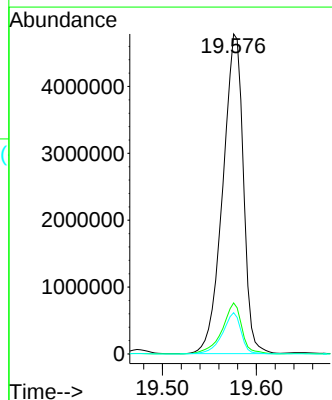
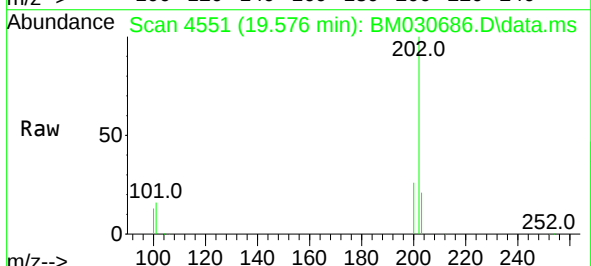
Manual Integrations
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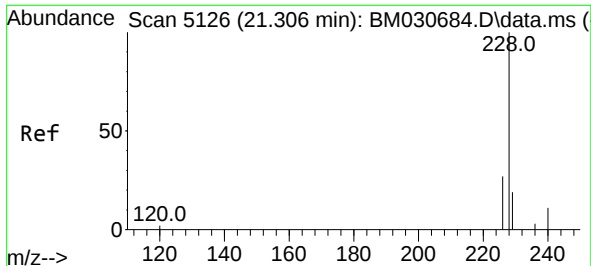
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#20
Pyrene
Concen: 128.753 ng/u1
RT: 19.576 min Scan# 4551
Delta R.T. 0.007 min
Lab File: BM030686.D
Acq: 29 Jun 2021 11:53

Tgt Ion:202 Resp: 7271687
Ion Ratio Lower Upper
202 100
101 16.0 10.2 15.4#
100 12.9 8.5 12.7#





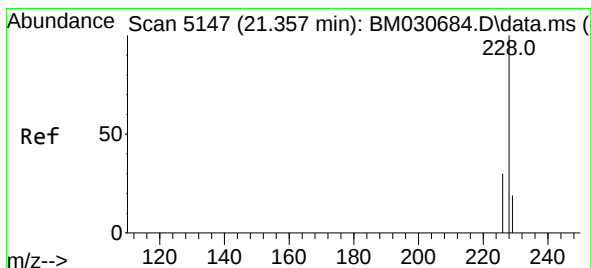
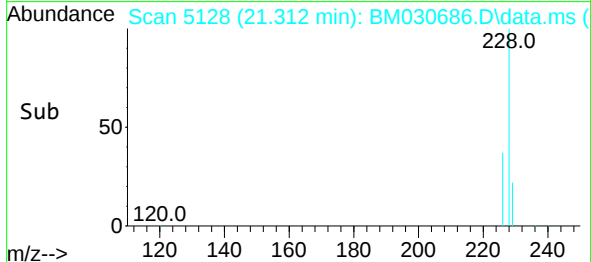
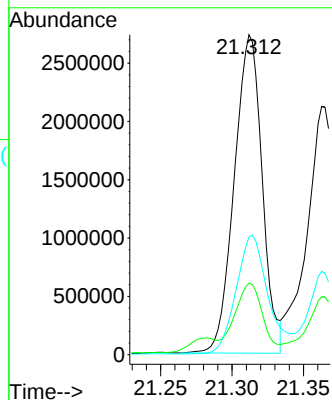
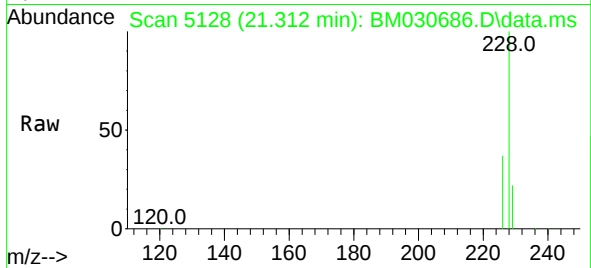
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Benzo(a)anthracene
Concen: 73.192 ng/uI
RT: 21.312 min Scan# 5128
Delta R.T. 0.003 min
Lab File: BM030686.D
Acq: 29 Jun 2021 11:53

Tgt Ion:228 Resp: 3712643
Ion Ratio Lower Upper
228 100
229 22.3 16.2 24.2
226 36.8 22.2 33.4#

Instrument :
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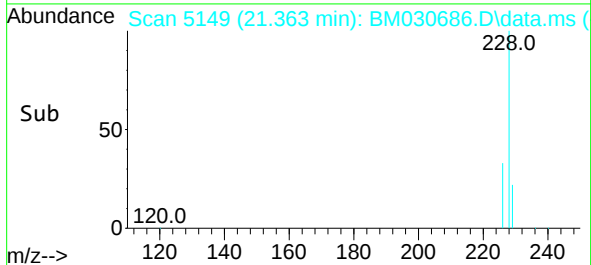
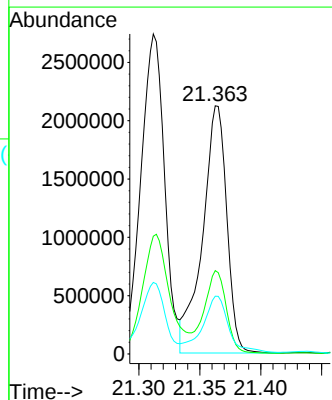
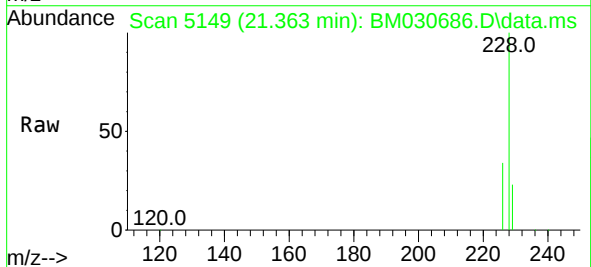
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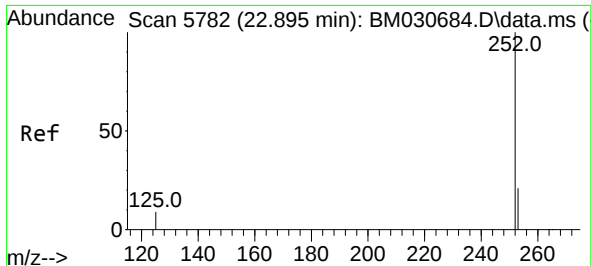
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#22
Chrysene
Concen: 51.515 ng/uI
RT: 21.363 min Scan# 5149
Delta R.T. 0.001 min
Lab File: BM030686.D
Acq: 29 Jun 2021 11:53

Tgt Ion:228 Resp: 2927159
Ion Ratio Lower Upper
228 100
226 33.6 24.9 37.3
229 23.3 16.2 24.2





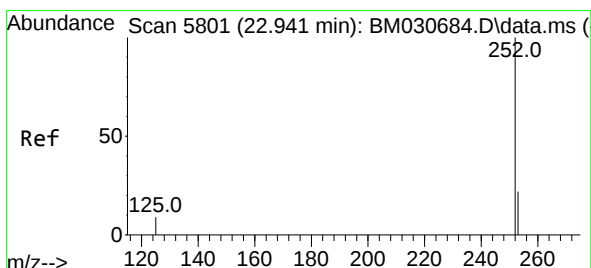
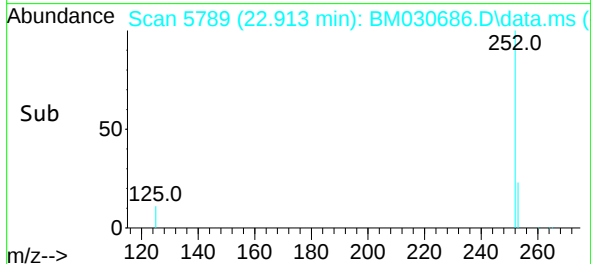
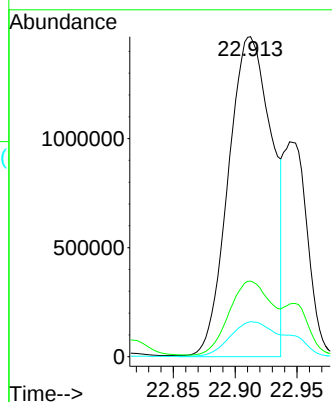
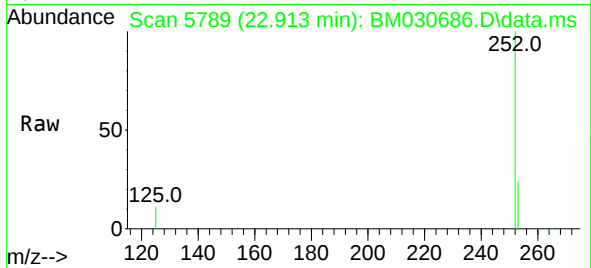
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Benzo(b)fluoranthene
Concen: 59.841 ng/ul m
RT: 22.913 min Scan# 5789
Delta R.T. 0.013 min
Lab File: BM030686.D
Acq: 29 Jun 2021 11:53

Tgt Ion:252 Resp: 3580018
Ion Ratio Lower Upper
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125 10.9 0.0 33.2

Instrument :
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ClientSampled :
BGDD2

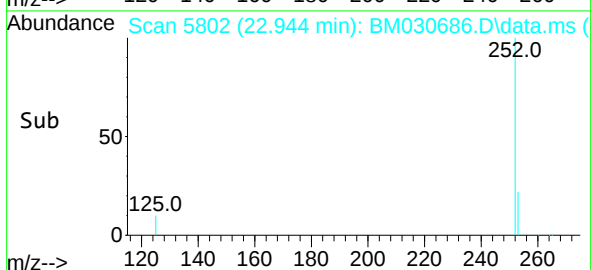
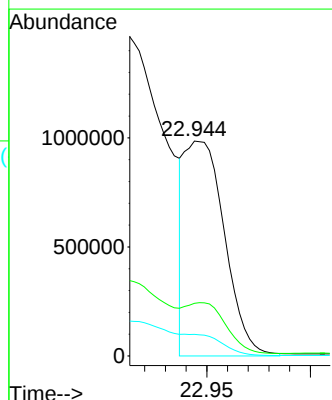
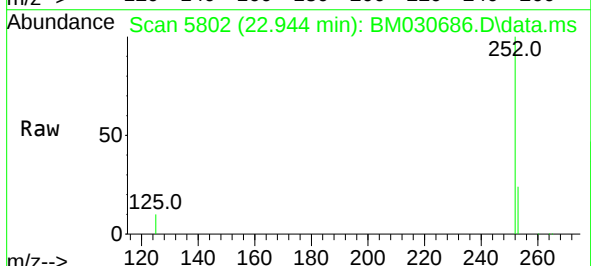
Manual Integrations
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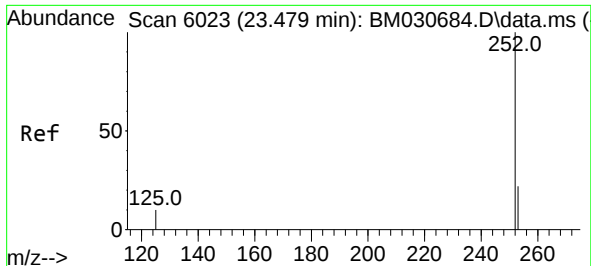
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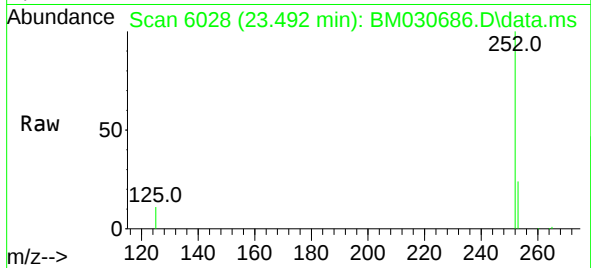
#25
Benzo(k)fluoranthene
Concen: 21.571 ng/ul m
RT: 22.944 min Scan# 5802
Delta R.T. -0.002 min
Lab File: BM030686.D
Acq: 29 Jun 2021 11:53

Tgt Ion:252 Resp: 1330468
Ion Ratio Lower Upper
252 100
253 24.5 23.2 34.8
125 10.1 12.6 19.0#

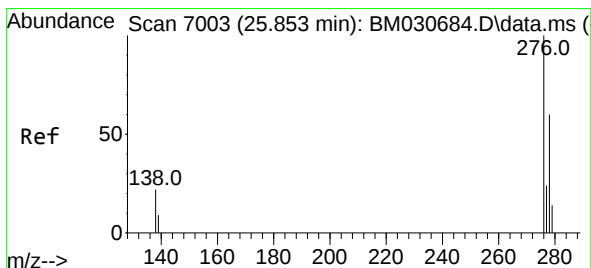
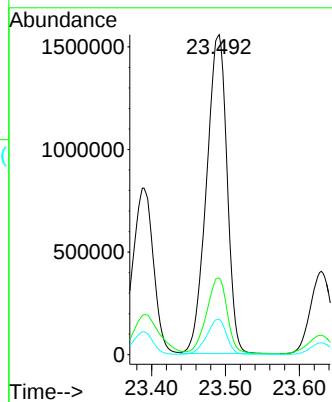
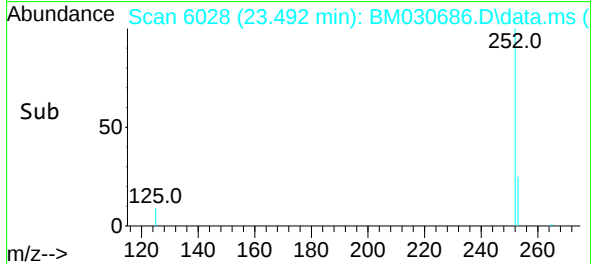




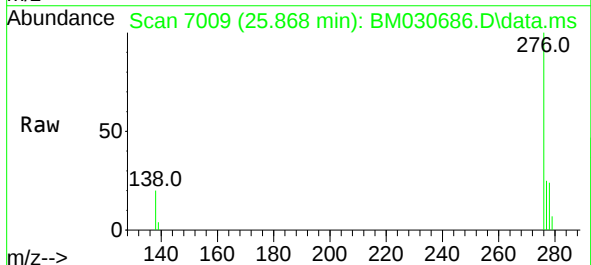
#26
Benzo(a)pyrene
Concen: 58.946 ng/ul
RT: 23.492 min Scan# 6028
Delta R.T. 0.010 min
Lab File: BM030686.D
Acq: 29 Jun 2021 11:53



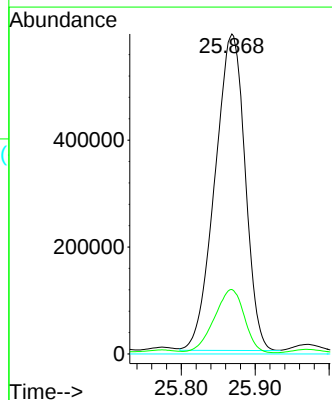
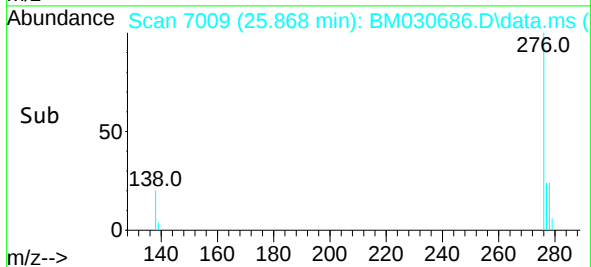
Tgt Ion:252 Resp: 2999445
Ion Ratio Lower Upper
252 100
253 24.0 25.5 38.3#
125 11.0 15.8 23.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 25.322 ng/ul
RT: 25.868 min Scan# 7009
Delta R.T. 0.006 min
Lab File: BM030686.D
Acq: 29 Jun 2021 11:53



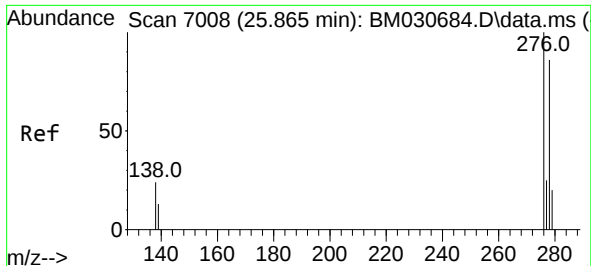
Tgt Ion:276 Resp: 1678525
Ion Ratio Lower Upper
276 100
138 19.9 18.2 27.4
227 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampleId :
BGDD2

Manual Integrations
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6/30/2021 10:24:48 AM



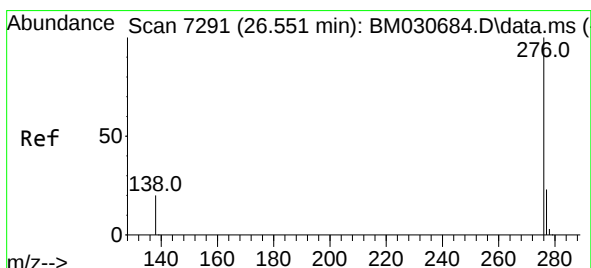
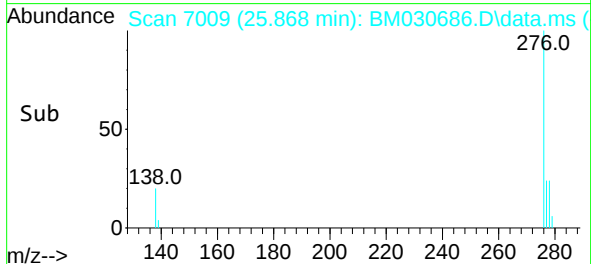
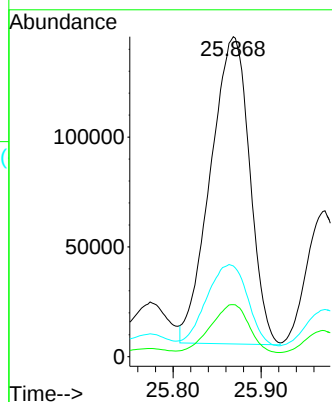
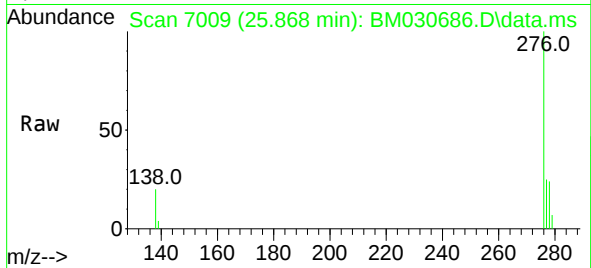
#28
Dibenzo(a,h)anthracene
Concen: 8.140 ng/ul
RT: 25.868 min Scan# 7009
Delta R.T. -0.002 min
Lab File: BM030686.D
Acq: 29 Jun 2021 11:53

Tgt Ion:278 Resp: 433020
Ion Ratio Lower Upper
278 100
139 16.2 15.0 22.4
279 28.3 24.3 36.5

Instrument :
BNA_M
ClientSampled :
BGDD2

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6/30/2021 10:24:48 AM



#29
Benzo(g,h,i)perylene
Concen: 22.650 ng/ul
RT: 26.571 min Scan# 7299
Delta R.T. 0.013 min
Lab File: BM030686.D
Acq: 29 Jun 2021 11:53

Tgt Ion:276 Resp: 1304484
Ion Ratio Lower Upper
276 100
138 20.1 18.1 27.1
277 24.3 20.9 31.3

