

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062821\
 Data File : BM030692.D
 Acq On : 29 Jun 2021 15:36
 Operator : CG/JU
 Sample : M2680-03DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGD73DL

Manual Integrations
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 6/30/2021 10:25:15 AM

Quant Time: Jun 29 16:06:40 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	7.791	152	2181	0.400	ng/ul	0.00
4) Naphthalene-d8	10.576	136	8144	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.413	164	4711	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.151	188	9437	0.400	ng/ul	0.00
17) Chrysene-d12	21.323	240	8527m	0.400	ng/ul	0.00
23) Perylene-d12	23.578	264	10343	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.286	96	1003	0.422	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.168	152	356	0.028	ng/ul	0.00
18) Fluoranthene-d10	19.172	212	661	0.027	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.625	128	13995	0.603	ng/ul	98
7) 2-Methylnaphthalene	12.240	142	2445	0.157	ng/ul	97
8) 1-Methylnaphthalene	12.460	142	1573	0.103	ng/ul	97
10) Acenaphthylene	14.136	152	26125	1.242	ng/ul	99
11) Acenaphthene	14.477	153	3283	0.193	ng/ul	95
12) Fluorene	15.463	166	16629	0.885	ng/ul	100
15) Phenanthrene	17.193	178	584614	18.428	ng/ul	98
16) Anthracene	17.283	178	185307	6.670	ng/ul	96
19) Fluoranthene	19.206	202	1297203	34.467	ng/ul	97
20) Pyrene	19.569	202	1111829	29.378	ng/ul	95
21) Benzo(a)anthracene	21.308	228	730231	21.483	ng/ul	97
22) Chrysene	21.359	228	606750	15.935	ng/ul	98
24) Benzo(b)fluoranthene	22.904	252	786290m	17.164	ng/ul	
25) Benzo(k)fluoranthene	22.943	252	340867m	7.217	ng/ul	
26) Benzo(a)pyrene	23.481	252	639173	16.404	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.858	276	357063	7.034	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.860	278	91959	2.258	ng/ul	95
29) Benzo(g,h,i)perylene	26.558	276	267073	6.056	ng/ul	95

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

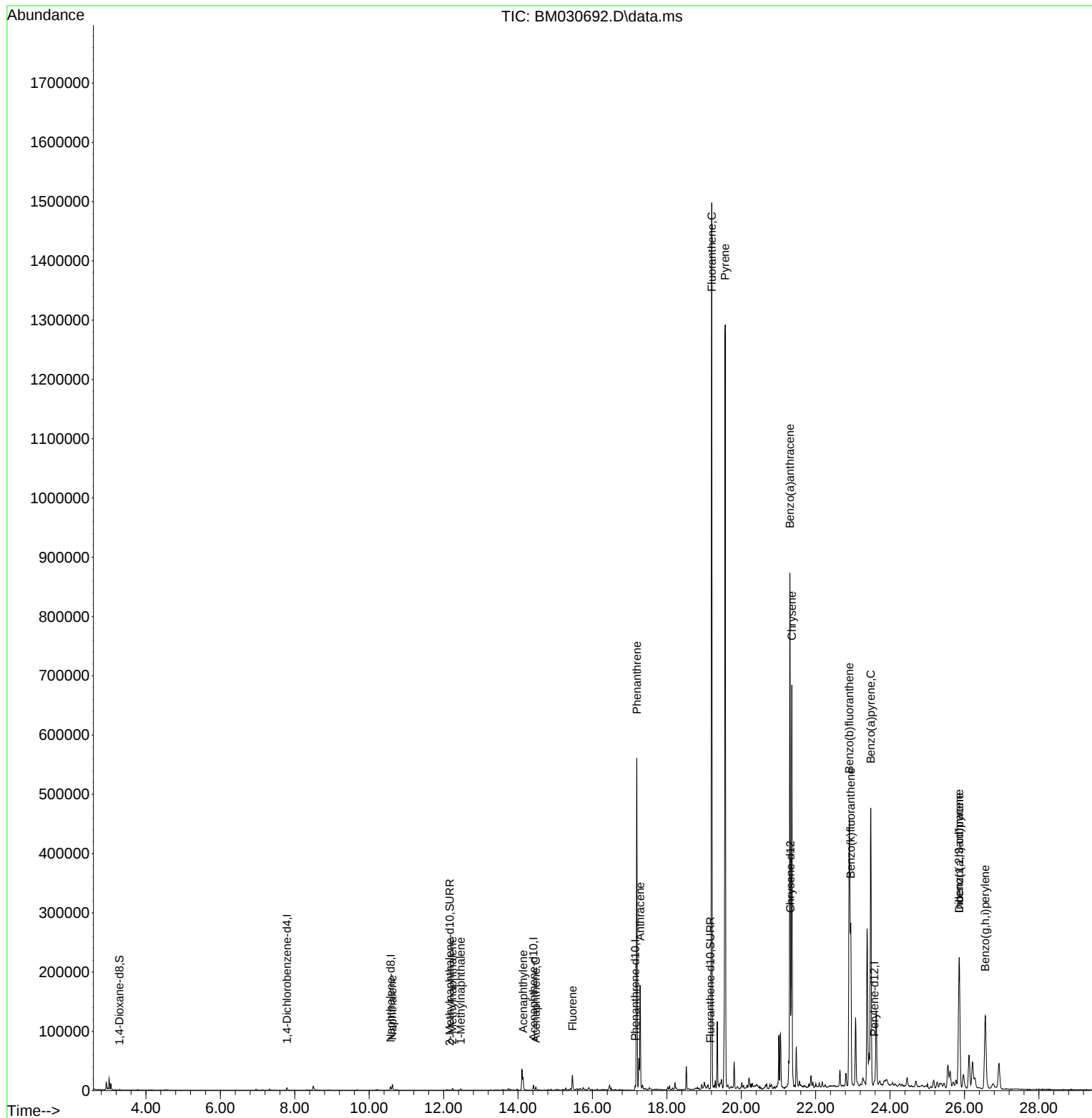
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062821\
Data File : BM030692.D
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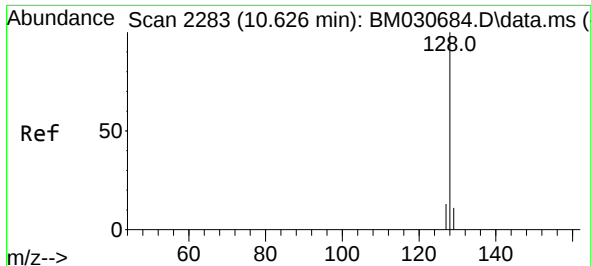
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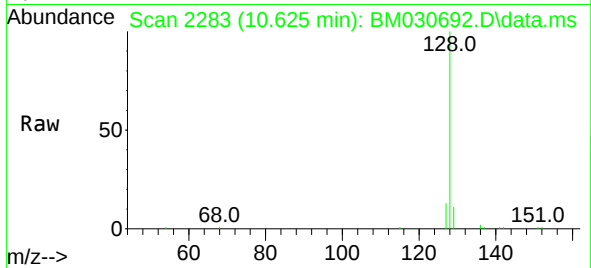
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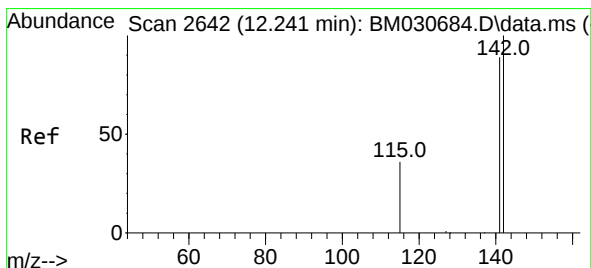
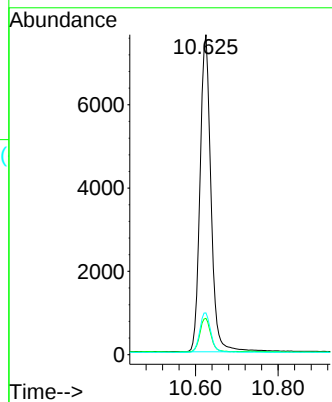
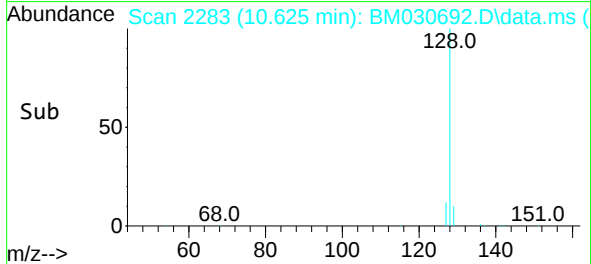




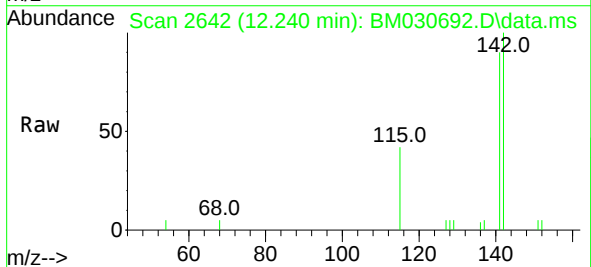
#5
Naphthalene
Concen: 0.603 ng/ul
RT: 10.625 min Scan# 2283
Delta R.T. -0.005 min
Lab File: BM030692.D
Acq: 29 Jun 2021 15:36



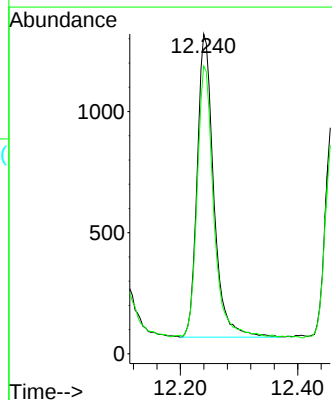
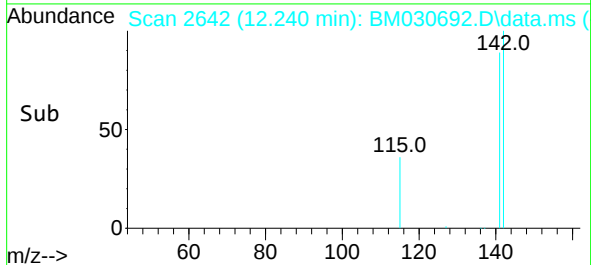
Tgt Ion:128 Resp: 13995
Ion Ratio Lower Upper
128 100
129 11.4 9.5 14.3
127 13.0 11.2 16.8



#7
2-Methylnaphthalene
Concen: 0.157 ng/ul
RT: 12.240 min Scan# 2642
Delta R.T. -0.005 min
Lab File: BM030692.D
Acq: 29 Jun 2021 15:36



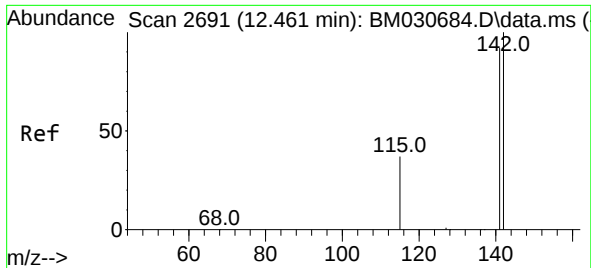
Tgt Ion:142 Resp: 2445
Ion Ratio Lower Upper
142 100
141 91.6 71.4 107.0



Instrument :
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ClientSampled :
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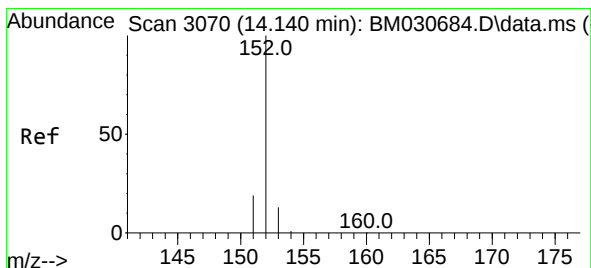
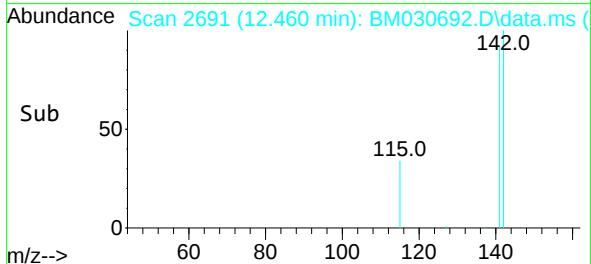
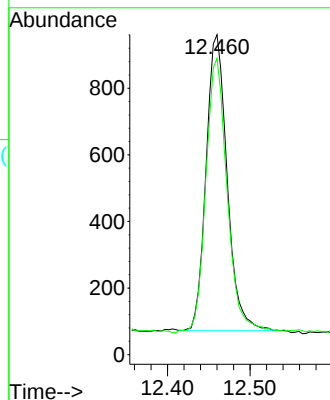
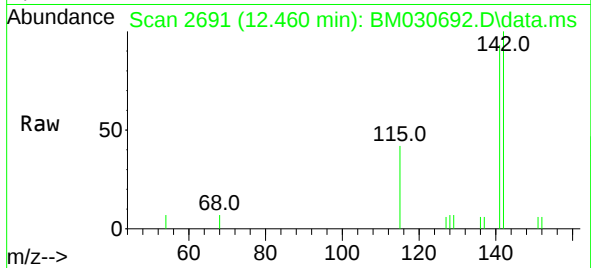
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1-Methylnaphthalene
Concen: 0.103 ng/ul
RT: 12.460 min Scan# 2691
Delta R.T. -0.000 min
Lab File: BM030692.D
Acq: 29 Jun 2021 15:36

Tgt Ion:142 Resp: 1573
Ion Ratio Lower Upper
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141 94.8 73.2 109.8

Instrument :
BNA_M
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BGD73DL

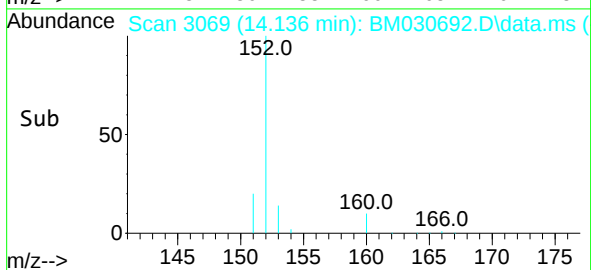
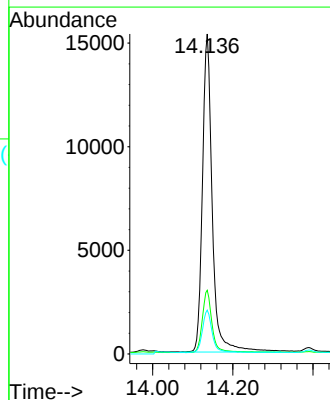
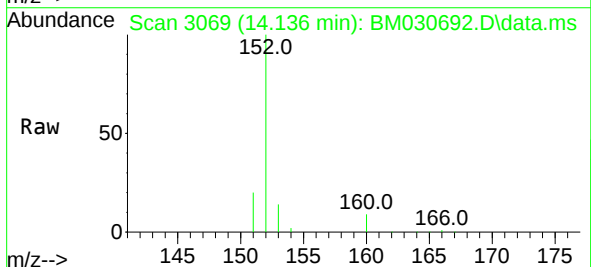
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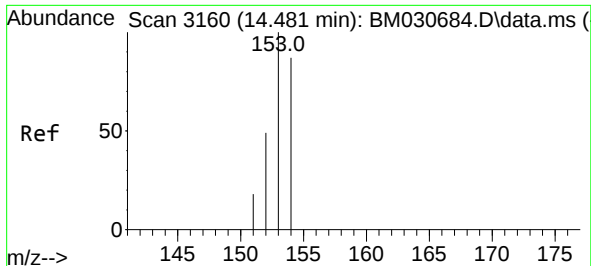
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#10
Acenaphthylene
Concen: 1.242 ng/ul
RT: 14.136 min Scan# 3069
Delta R.T. -0.004 min
Lab File: BM030692.D
Acq: 29 Jun 2021 15:36

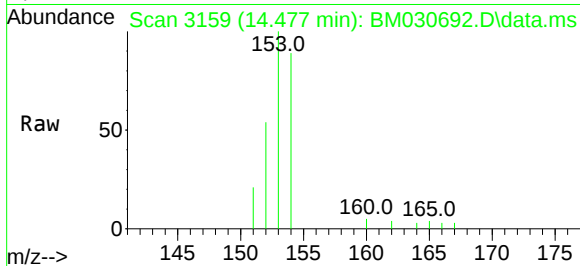
Tgt Ion:152 Resp: 26125
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.4
153 13.7 11.4 17.0





#11
Acenaphthene
Concen: 0.193 ng/u1
RT: 14.477 min Scan# 3159
Delta R.T. -0.004 min
Lab File: BM030692.D
Acq: 29 Jun 2021 15:36

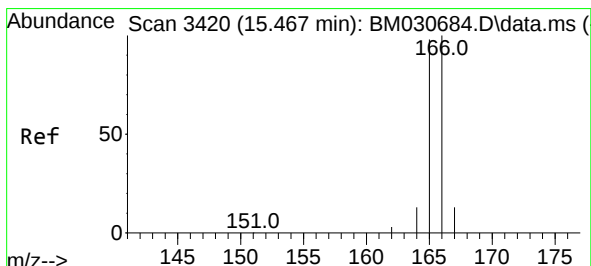
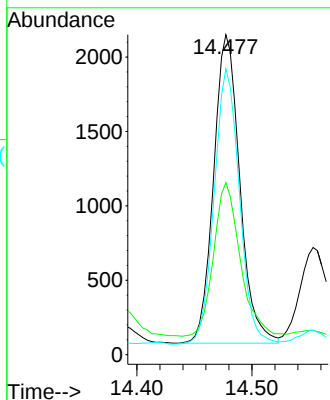
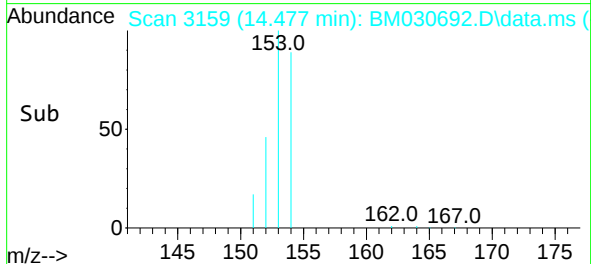
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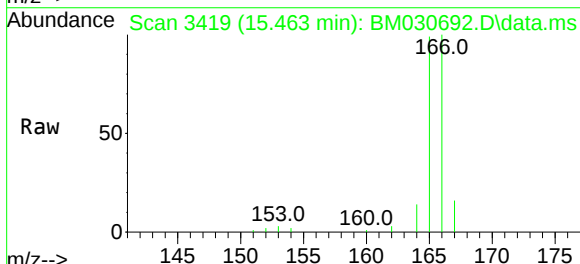
Tgt Ion:153 Resp: 3283
Ion Ratio Lower Upper
153 100
152 53.7 39.8 59.6
154 89.4 68.7 103.1

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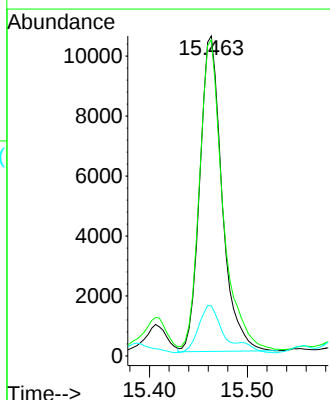
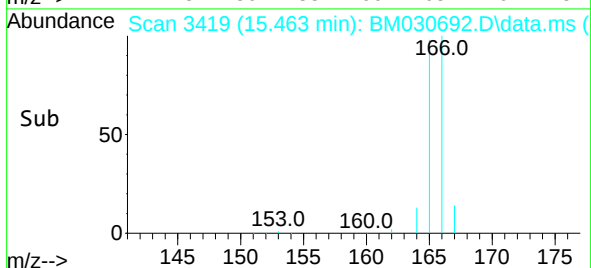
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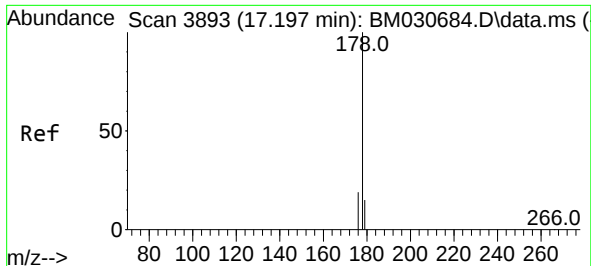


#12
Fluorene
Concen: 0.885 ng/u1
RT: 15.463 min Scan# 3419
Delta R.T. -0.004 min
Lab File: BM030692.D
Acq: 29 Jun 2021 15:36



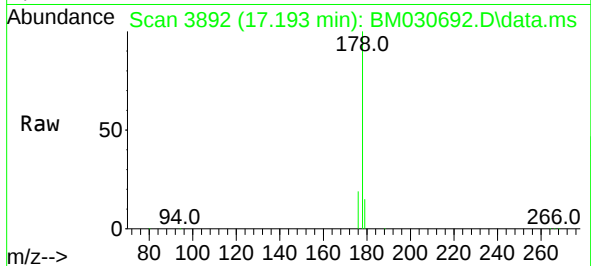
Tgt Ion:166 Resp: 16629
Ion Ratio Lower Upper
166 100
165 98.8 79.1 118.7
167 15.7 12.2 18.2





#15
Phenanthrene
Concen: 18.428 ng/ul
RT: 17.193 min Scan# 3892
Delta R.T. -0.007 min
Lab File: BM030692.D
Acq: 29 Jun 2021 15:36

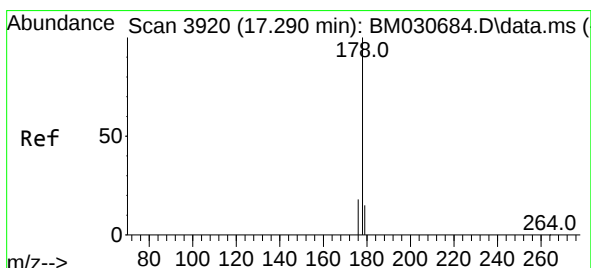
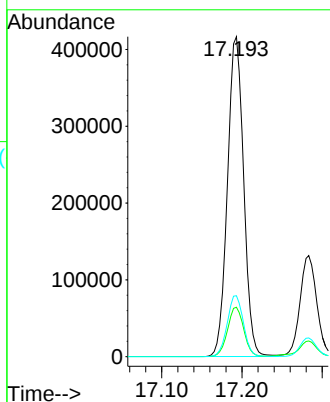
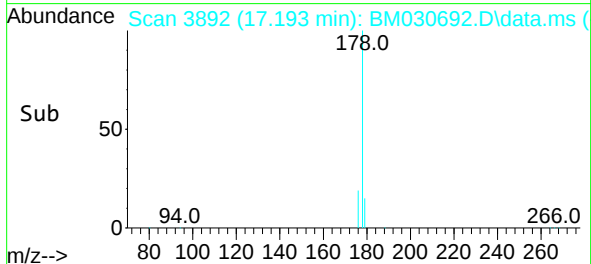
Instrument :
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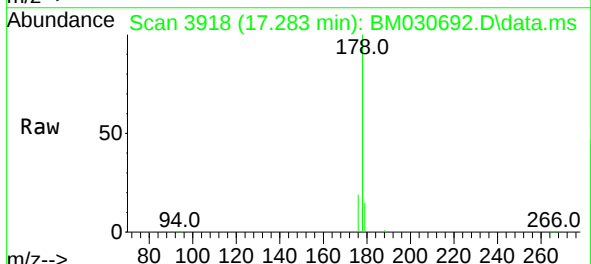
Tgt Ion:178 Resp: 584614
Ion Ratio Lower Upper
178 100
179 15.4 13.3 19.9
176 19.0 16.0 24.0

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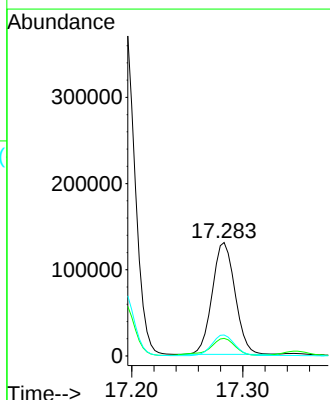
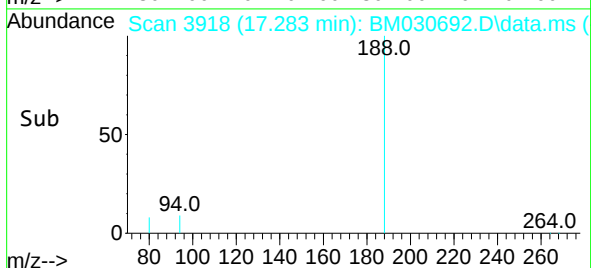
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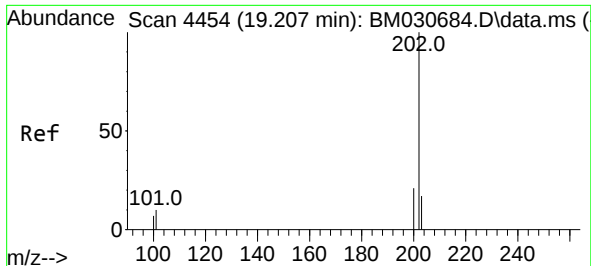


#16
Anthracene
Concen: 6.670 ng/ul
RT: 17.283 min Scan# 3918
Delta R.T. -0.007 min
Lab File: BM030692.D
Acq: 29 Jun 2021 15:36

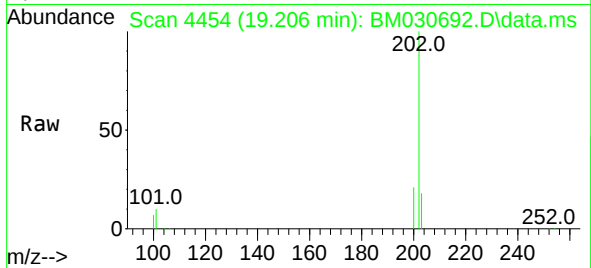


Tgt Ion:178 Resp: 185307
Ion Ratio Lower Upper
178 100
179 15.5 14.0 21.0
176 18.5 15.8 23.6

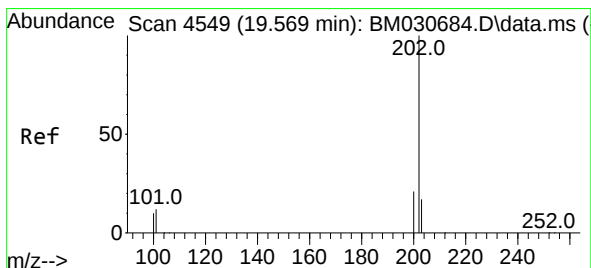
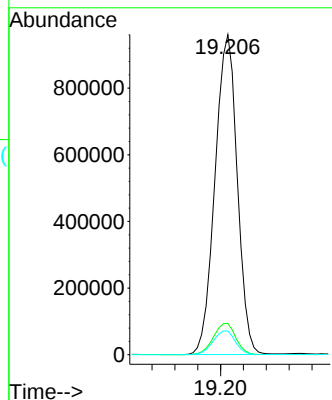
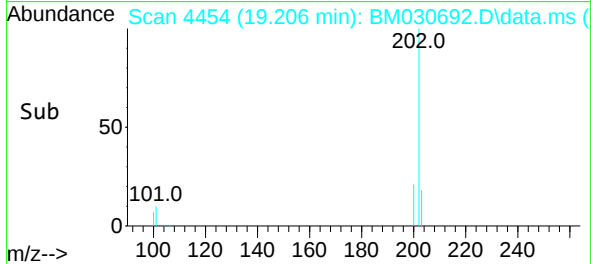




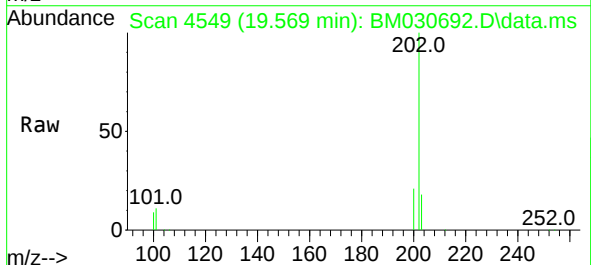
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Fluoranthene
Concen: 34.467 ng/u1
RT: 19.206 min Scan# 4454
Delta R.T. -0.004 min
Lab File: BM030692.D
Acq: 29 Jun 2021 15:36



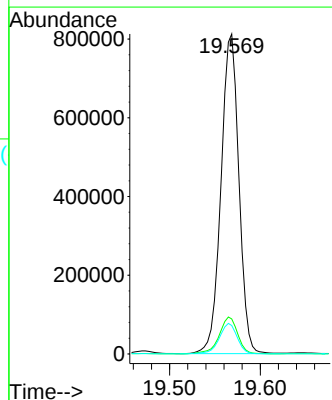
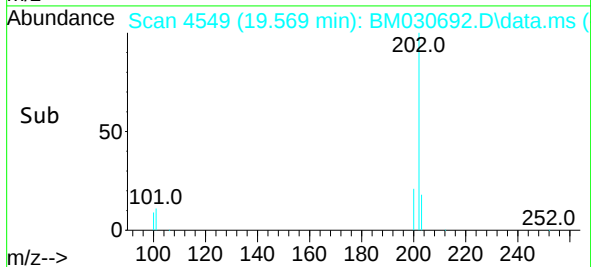
Tgt Ion:202 Resp: 1297203
Ion Ratio Lower Upper
202 100
101 9.8 8.7 13.1
100 7.4 6.6 9.8



#20
Pyrene
Concen: 29.378 ng/u1
RT: 19.569 min Scan# 4549
Delta R.T. -0.000 min
Lab File: BM030692.D
Acq: 29 Jun 2021 15:36



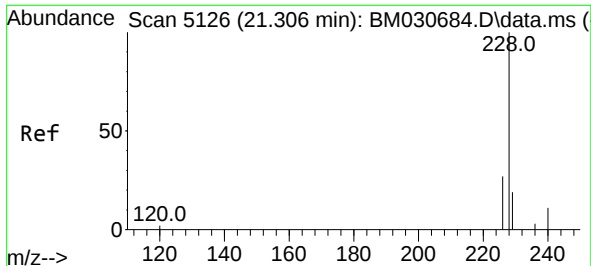
Tgt Ion:202 Resp: 1111829
Ion Ratio Lower Upper
202 100
101 11.0 10.2 15.4
100 8.9 8.5 12.7



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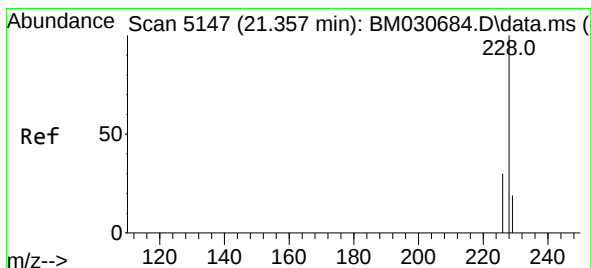
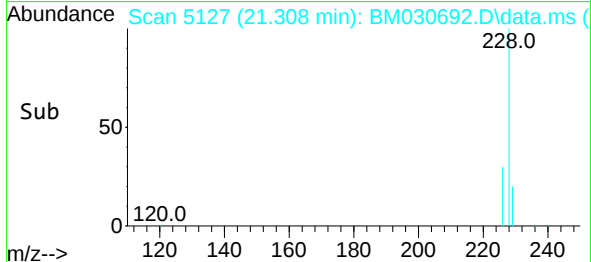
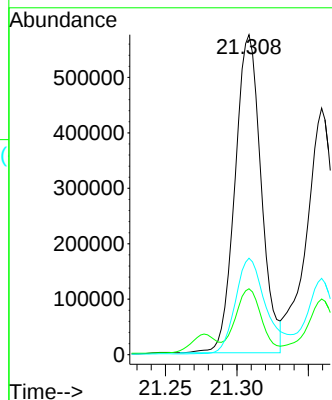
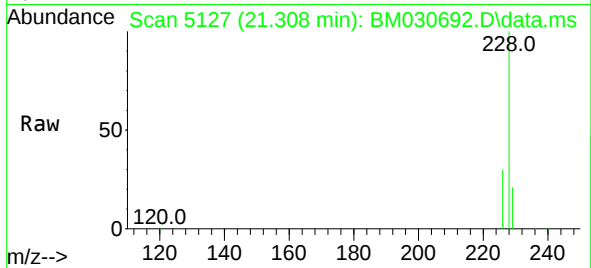
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Benzo(a)anthracene
Concen: 21.483 ng/uI
RT: 21.308 min Scan# 5127
Delta R.T. -0.000 min
Lab File: BM030692.D
Acq: 29 Jun 2021 15:36

Tgt Ion:228 Resp: 730231
Ion Ratio Lower Upper
228 100
229 20.6 16.2 24.2
226 30.2 22.2 33.4

Instrument :
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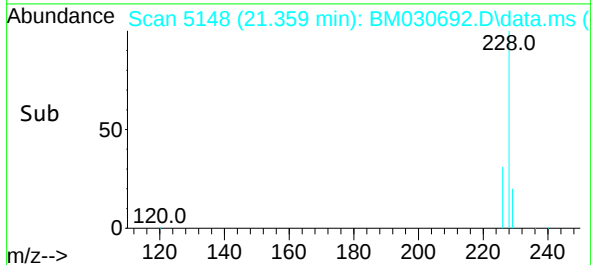
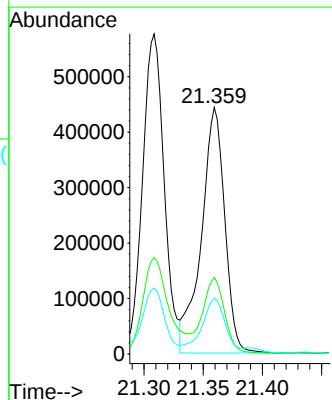
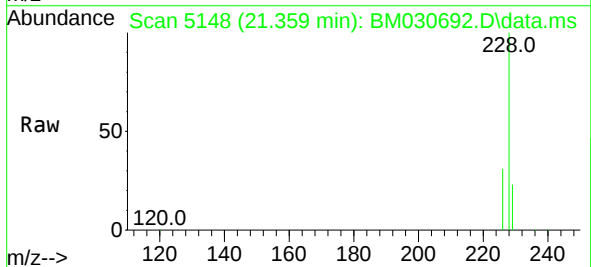
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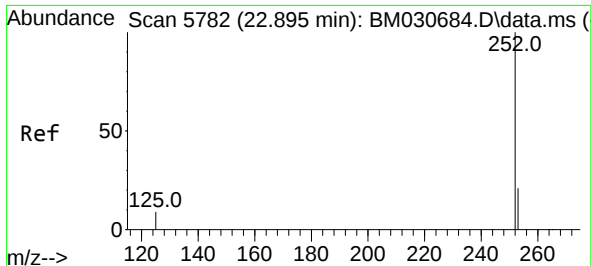
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#22
Chrysene
Concen: 15.935 ng/uI
RT: 21.359 min Scan# 5148
Delta R.T. -0.003 min
Lab File: BM030692.D
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Tgt Ion:228 Resp: 606750
Ion Ratio Lower Upper
228 100
226 31.0 24.9 37.3
229 22.6 16.2 24.2





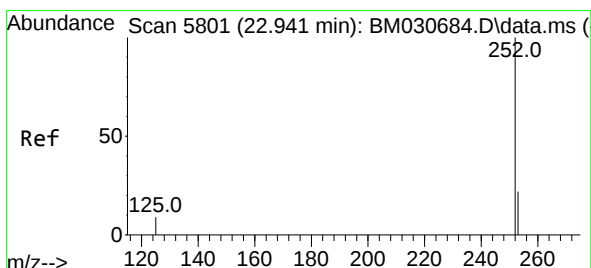
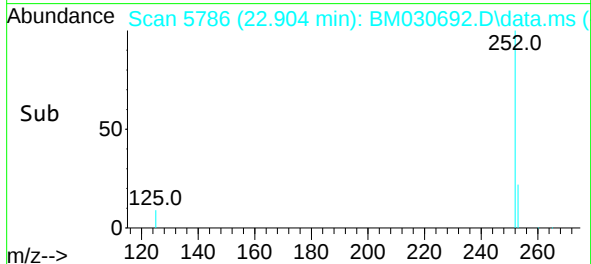
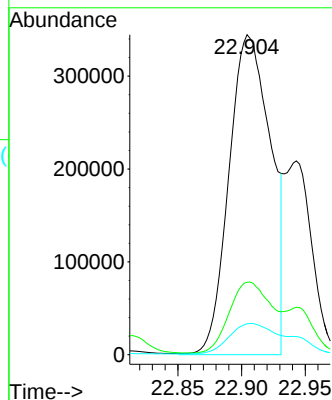
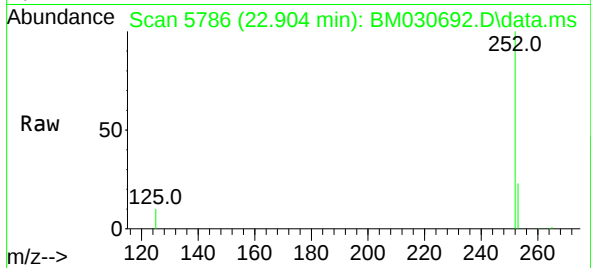
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Benzo(b)fluoranthene
Concen: 17.164 ng/ul m
RT: 22.904 min Scan# 5786
Delta R.T. 0.005 min
Lab File: BM030692.D
Acq: 29 Jun 2021 15:36

Tgt Ion:252 Resp: 786290
Ion Ratio Lower Upper
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253 22.7 0.0 57.8
125 9.7 0.0 33.2

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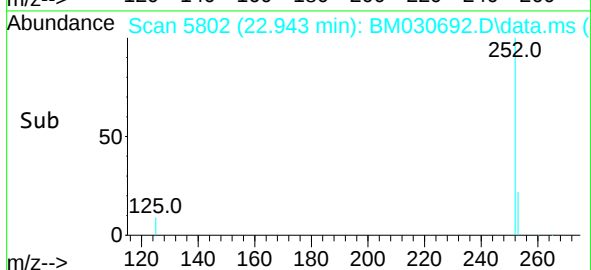
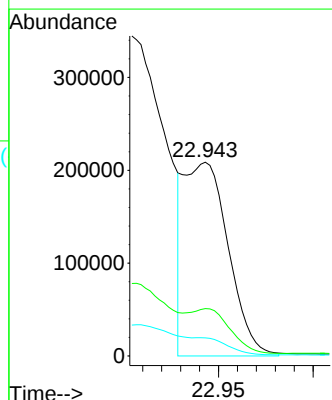
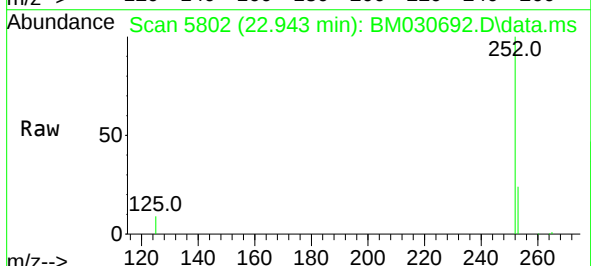
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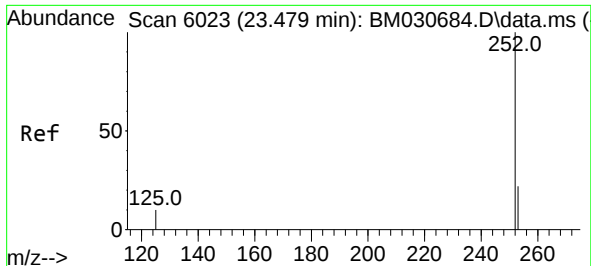
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#25
Benzo(k)fluoranthene
Concen: 7.217 ng/ul m
RT: 22.943 min Scan# 5802
Delta R.T. -0.003 min
Lab File: BM030692.D
Acq: 29 Jun 2021 15:36

Tgt Ion:252 Resp: 340867
Ion Ratio Lower Upper
252 100
253 24.5 23.2 34.8
125 9.3 12.6 19.0#





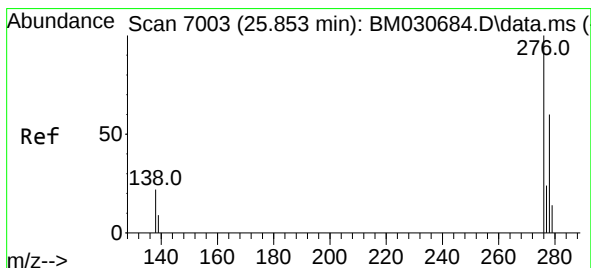
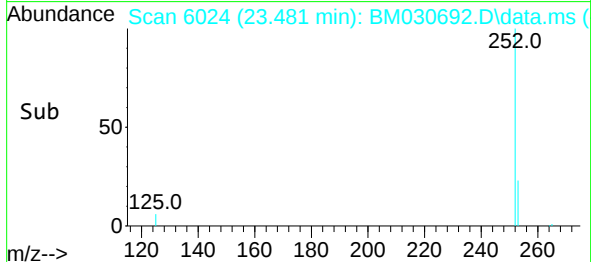
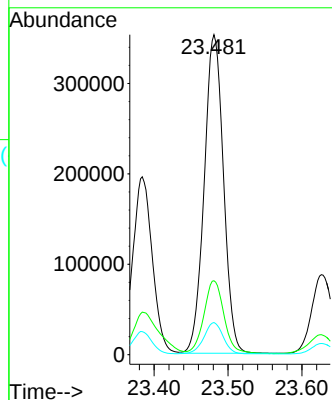
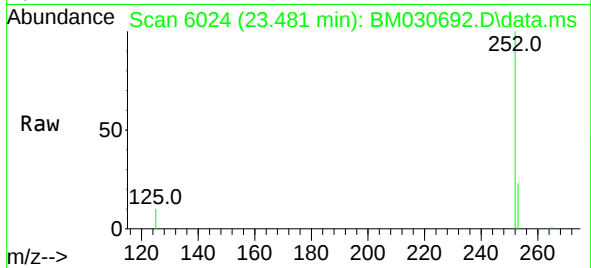
#26
Benzo(a)pyrene
Concen: 16.404 ng/ul
RT: 23.481 min Scan# 6024
Delta R.T. -0.000 min
Lab File: BM030692.D
Acq: 29 Jun 2021 15:36

Tgt Ion:252 Resp: 639173
Ion Ratio Lower Upper
252 100
253 23.1 25.5 38.3#
125 10.0 15.8 23.6#

Instrument :
BNA_M
ClientSampleId :
BGD73DL

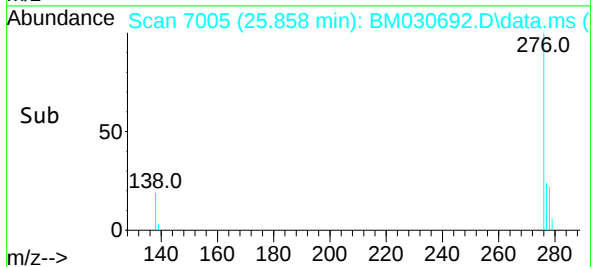
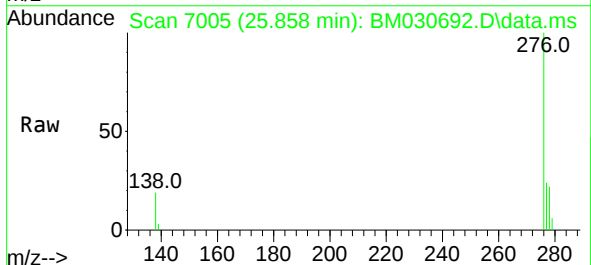
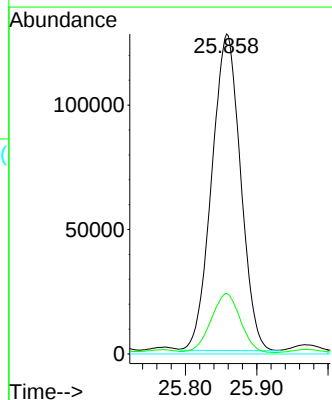
Manual Integrations
APPROVED

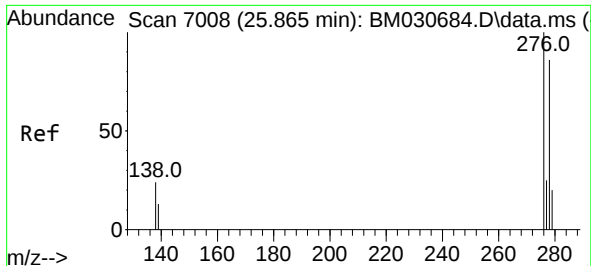
mohammad
6/30/2021 10:25:15 AM



#27
Indeno(1,2,3-cd)pyrene
Concen: 7.034 ng/ul
RT: 25.858 min Scan# 7005
Delta R.T. -0.005 min
Lab File: BM030692.D
Acq: 29 Jun 2021 15:36

Tgt Ion:276 Resp: 357063
Ion Ratio Lower Upper
276 100
138 18.9 18.2 27.4
227 0.0 0.0 0.0





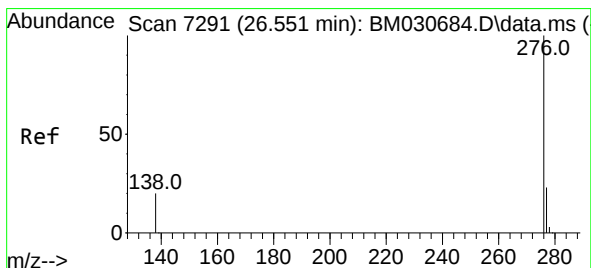
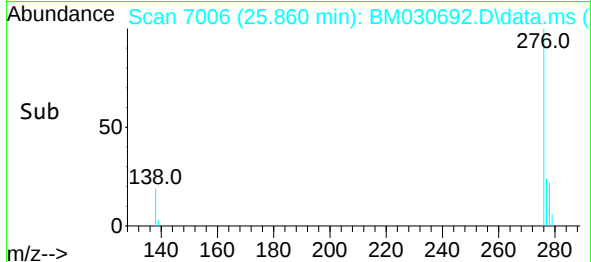
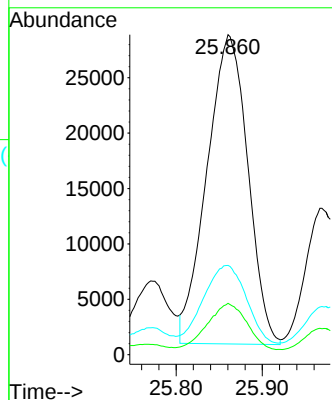
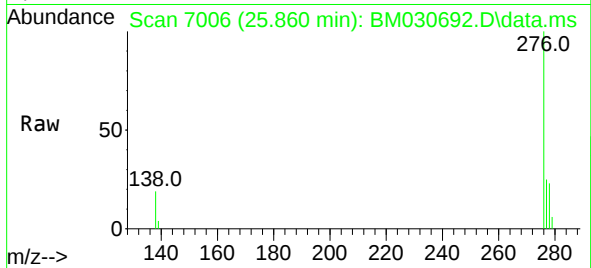
#28
Dibenzo(a,h)anthracene
Concen: 2.258 ng/ul
RT: 25.860 min Scan# 7006
Delta R.T. -0.010 min
Lab File: BM030692.D
Acq: 29 Jun 2021 15:36

Tgt Ion:278 Resp: 91959
Ion Ratio Lower Upper
278 100
139 16.1 15.0 22.4
279 27.9 24.3 36.5

Instrument :
BNA_M
ClientSampleId :
BGD73DL

Manual Integrations
APPROVED

mohammad
6/30/2021 10:25:15 AM



#29
Benzo(g,h,i)perylene
Concen: 6.056 ng/ul
RT: 26.558 min Scan# 7294
Delta R.T. -0.000 min
Lab File: BM030692.D
Acq: 29 Jun 2021 15:36

Tgt Ion:276 Resp: 267073
Ion Ratio Lower Upper
276 100
138 19.3 18.1 27.1
277 24.0 20.9 31.3

