

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062821\
 Data File : BM030669.D
 Acq On : 29 Jun 2021 00:51
 Operator : CG/JU
 Sample : M2680-02DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGD72DL

Manual Integrations
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Quant Time: Jun 29 03:01:38 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 : Tue Jun 29 02:23:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.791	152	2749	0.400	ng/ul	0.00
4) Naphthalene-d8	10.577	136	10587	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.417	164	5925	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.152	188	11337	0.400	ng/ul	0.00
17) Chrysene-d12	21.319	240	10912	0.400	ng/ul	0.00
23) Perylene-d12	23.571	264	12116	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.282	96	1341	0.448	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.169	152	499	0.030	ng/ul	0.00
18) Fluoranthene-d10	19.172	212	775	0.025	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.626	128	12145	0.403	ng/ul	99
7) 2-Methylnaphthalene	12.245	142	4326	0.213	ng/ul	100
8) 1-Methylnaphthalene	12.461	142	3377	0.171	ng/ul	97
10) Acenaphthylene	14.140	152	9190	0.347	ng/ul	98
11) Acenaphthene	14.478	153	9605	0.448	ng/ul	99
12) Fluorene	15.463	166	13880	0.587	ng/ul	100
15) Phenanthrene	17.193	178	343051	9.001	ng/ul	98
16) Anthracene	17.287	178	98338	2.946	ng/ul	97
19) Fluoranthene	19.203	202	789513	16.392	ng/ul	98
20) Pyrene	19.565	202	661516	13.659	ng/ul	98
21) Benzo(a)anthracene	21.302	228	571899	13.148	ng/ul	99
22) Chrysene	21.355	228	505404	10.372	ng/ul	98
24) Benzo(b)fluoranthene	22.895	252	722312m	13.460	ng/ul	
25) Benzo(k)fluoranthene	22.934	252	272873m	4.932	ng/ul	
26) Benzo(a)pyrene	23.474	252	574162	12.579	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.848	276	352474	5.928	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.851	278	93314	1.956	ng/ul	94
29) Benzo(g,h,i)perylene	26.551	276	265724	5.144	ng/ul	95

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

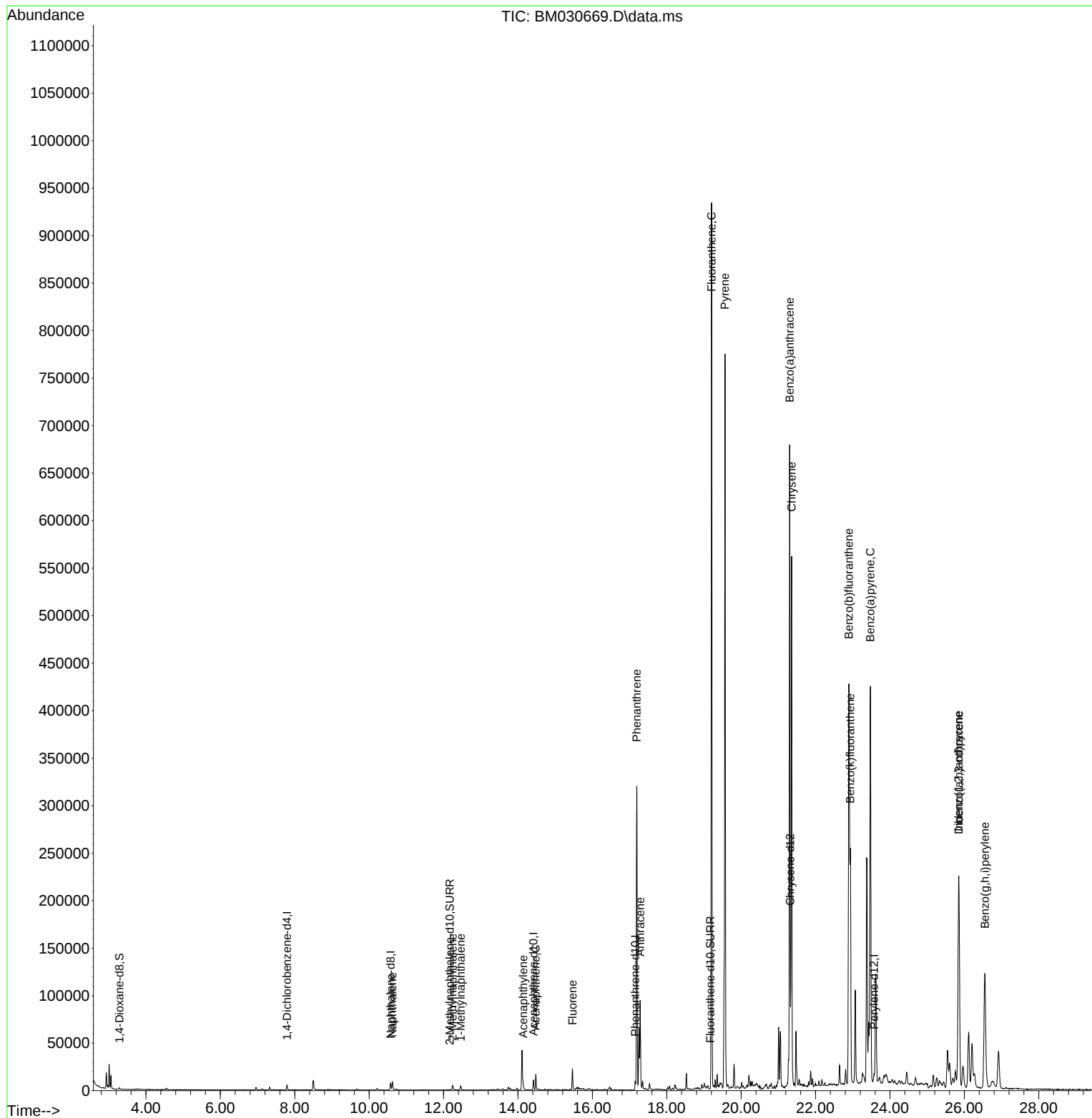
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Data File : BM030669.D
Acq On : 29 Jun 2021 00:51
Operator : CG/JU
Sample : M2680-02DL 5X
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ALS Vial : 13 Sample Multiplier: 1

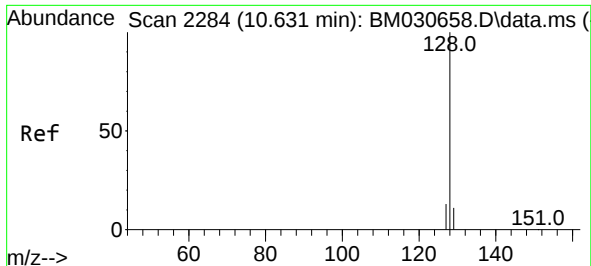
Instrument :
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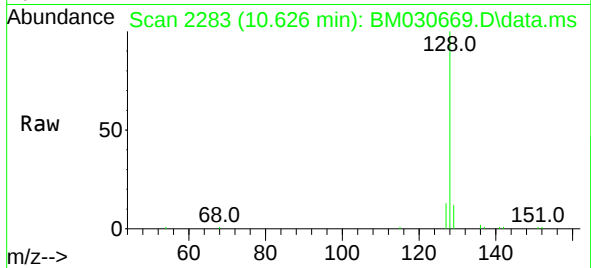
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Quant Time: Jun 29 03:01:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 29 02:23:03 2021
Response via : Initial Calibration

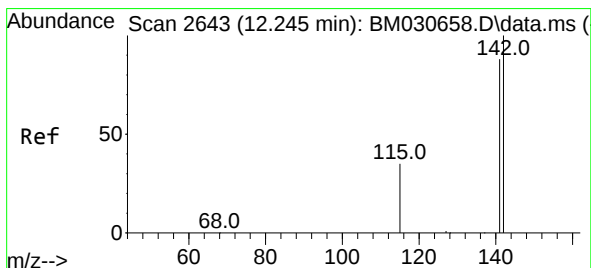
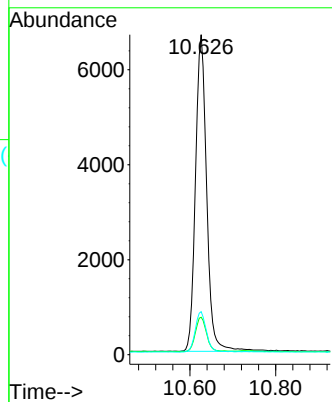
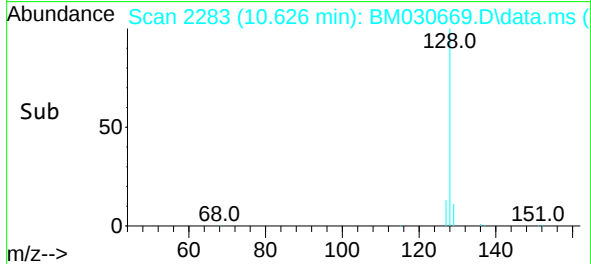




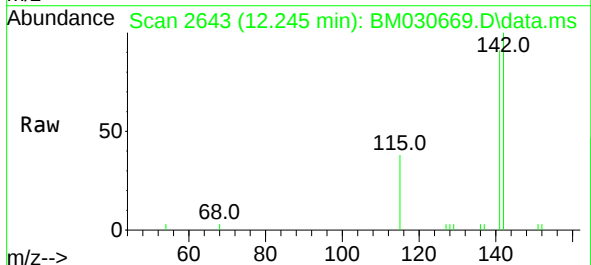
#5
Naphthalene
Concen: 0.403 ng/ul
RT: 10.626 min Scan# 2283
Delta R.T. -0.004 min
Lab File: BM030669.D
Acq: 29 Jun 2021 00:51



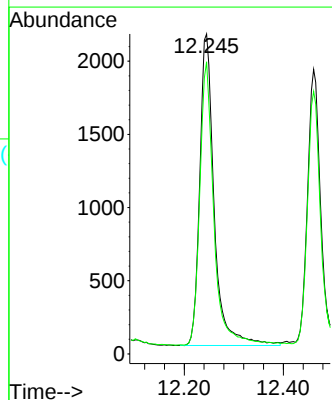
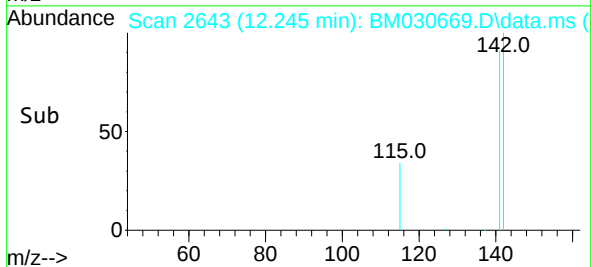
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Ion Ratio Lower Upper
128 100
129 11.7 9.5 14.3
127 13.4 11.2 16.8



#7
2-Methylnaphthalene
Concen: 0.213 ng/ul
RT: 12.245 min Scan# 2643
Delta R.T. 0.001 min
Lab File: BM030669.D
Acq: 29 Jun 2021 00:51



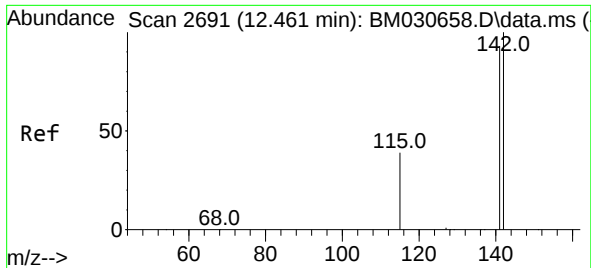
Tgt Ion:142 Resp: 4326
Ion Ratio Lower Upper
142 100
141 88.9 71.4 107.0



Instrument :
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ClientSampleId :
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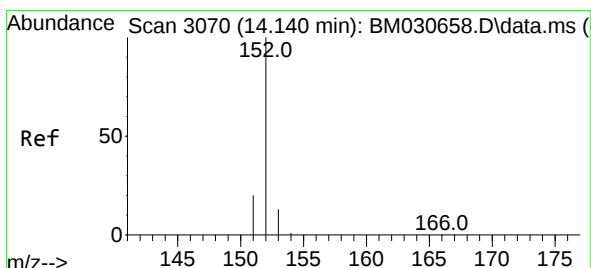
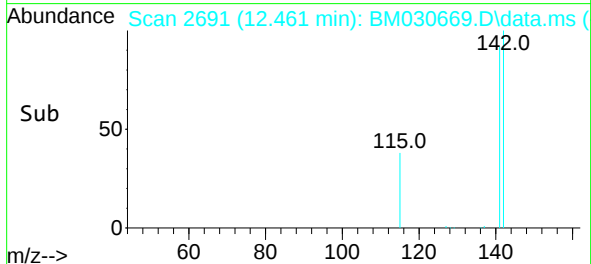
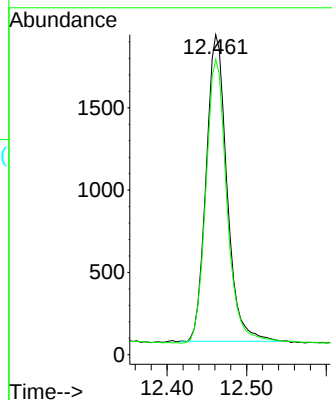
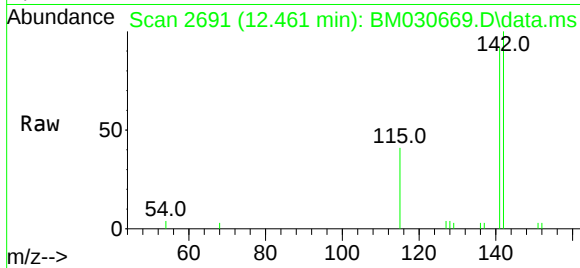
#8
1-Methylnaphthalene
Concen: 0.171 ng/ul
RT: 12.461 min Scan# 2691
Delta R.T. 0.001 min
Lab File: BM030669.D
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Tgt Ion:142 Resp: 3377
Ion Ratio Lower Upper
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141 94.0 73.2 109.8

Instrument :
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ClientSampled :
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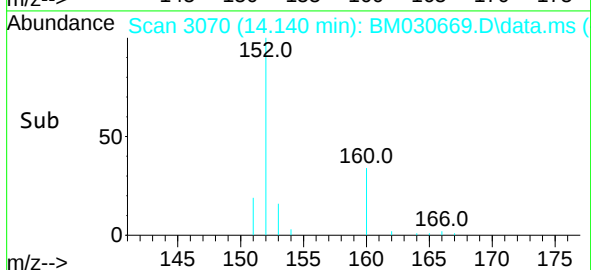
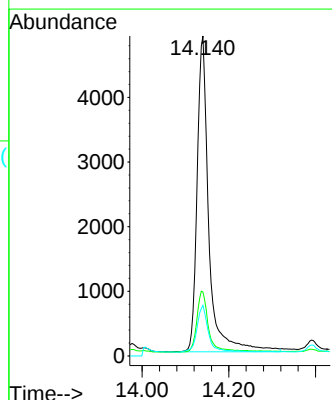
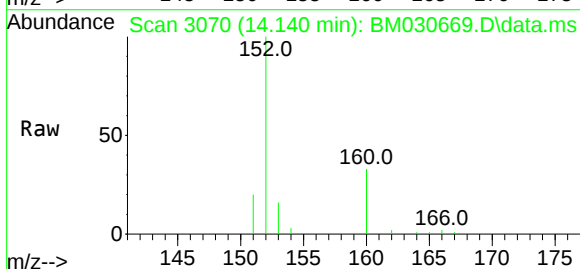
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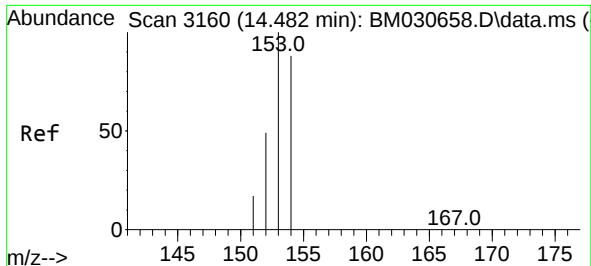
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#10
Acenaphthylene
Concen: 0.347 ng/ul
RT: 14.140 min Scan# 3070
Delta R.T. 0.000 min
Lab File: BM030669.D
Acq: 29 Jun 2021 00:51

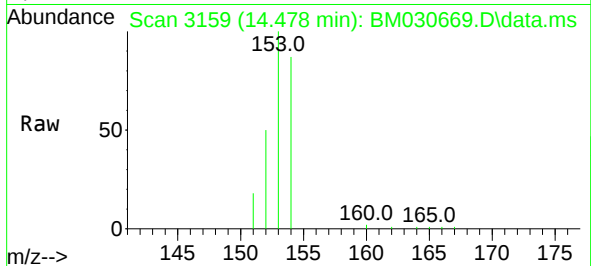
Tgt Ion:152 Resp: 9190
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.4
153 15.8 11.4 17.0





#11
Acenaphthene
Concen: 0.448 ng/ul
RT: 14.478 min Scan# 3159
Delta R.T. -0.004 min
Lab File: BM030669.D
Acq: 29 Jun 2021 00:51

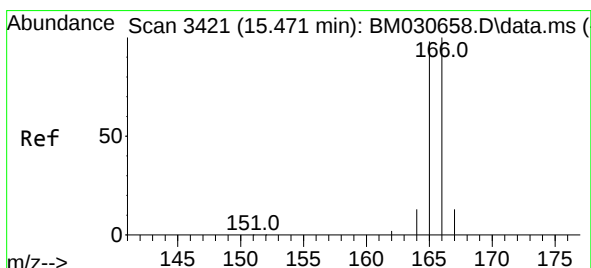
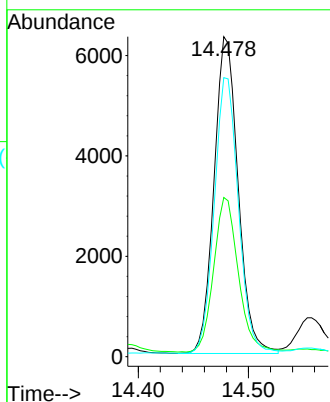
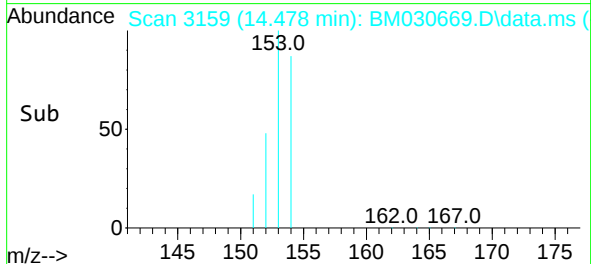
Instrument :
BNA_M
ClientSampleId :
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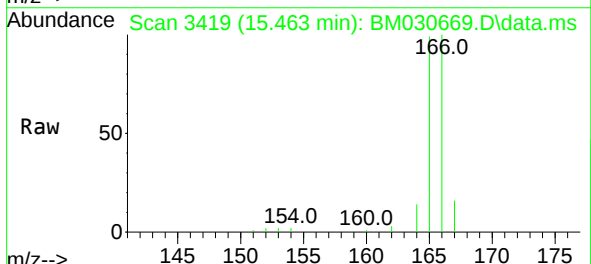
Tgt Ion:153 Resp: 9605
Ion Ratio Lower Upper
153 100
152 49.7 39.8 59.6
154 87.2 68.7 103.1

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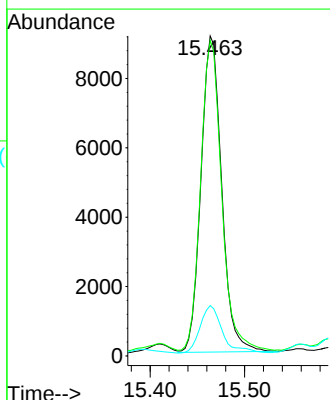
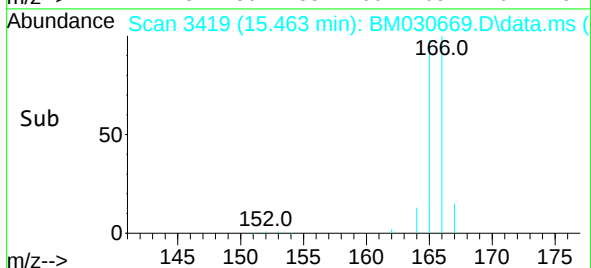
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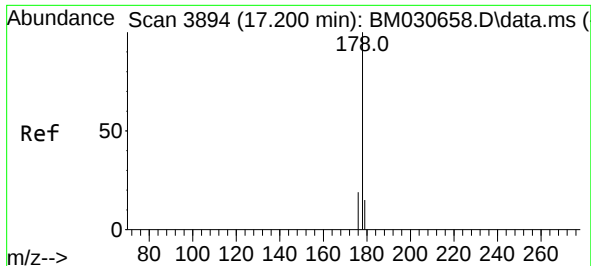


#12
Fluorene
Concen: 0.587 ng/ul
RT: 15.463 min Scan# 3419
Delta R.T. -0.004 min
Lab File: BM030669.D
Acq: 29 Jun 2021 00:51

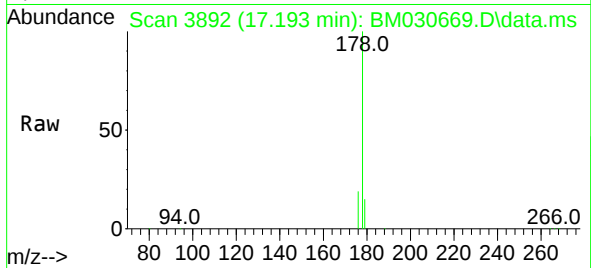


Tgt Ion:166 Resp: 13880
Ion Ratio Lower Upper
166 100
165 98.5 79.1 118.7
167 15.8 12.2 18.2

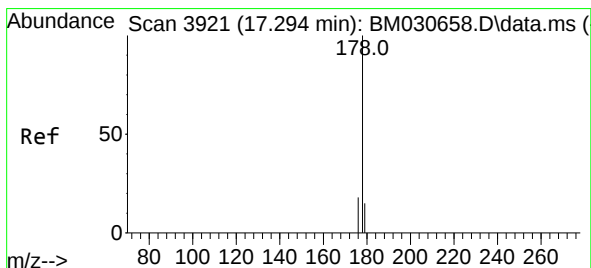
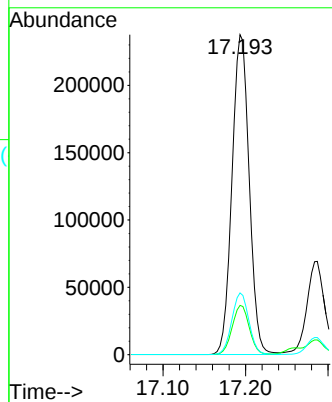
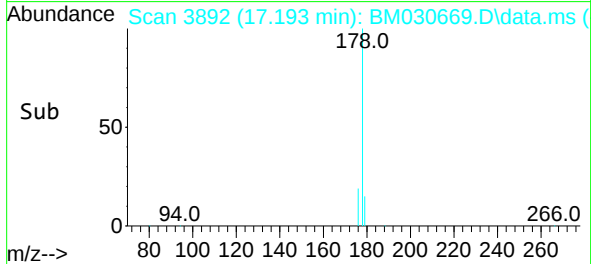




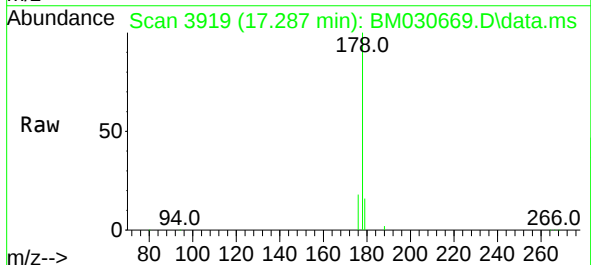
#15
Phenanthrene
Concen: 9.001 ng/u1
RT: 17.193 min Scan# 3892
Delta R.T. -0.007 min
Lab File: BM030669.D
Acq: 29 Jun 2021 00:51



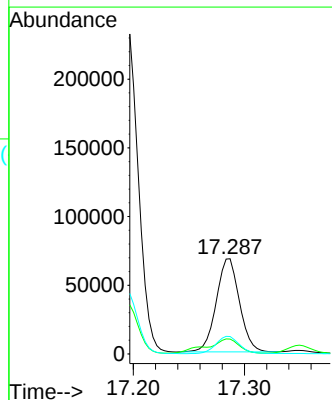
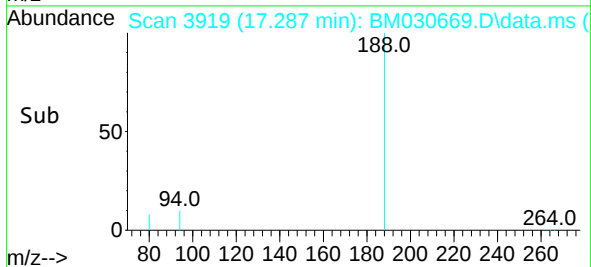
Tgt Ion:178 Resp: 343051
Ion Ratio Lower Upper
178 100
179 15.4 13.3 19.9
176 19.3 16.0 24.0



#16
Anthracene
Concen: 2.946 ng/u1
RT: 17.287 min Scan# 3919
Delta R.T. -0.003 min
Lab File: BM030669.D
Acq: 29 Jun 2021 00:51



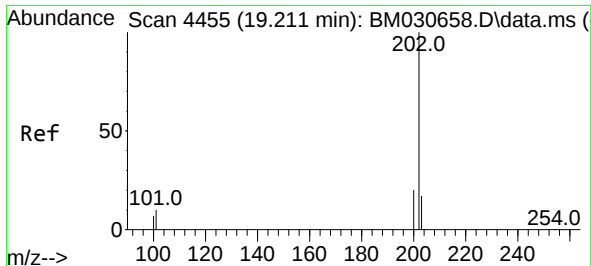
Tgt Ion:178 Resp: 98338
Ion Ratio Lower Upper
178 100
179 15.7 14.0 21.0
176 18.4 15.8 23.6



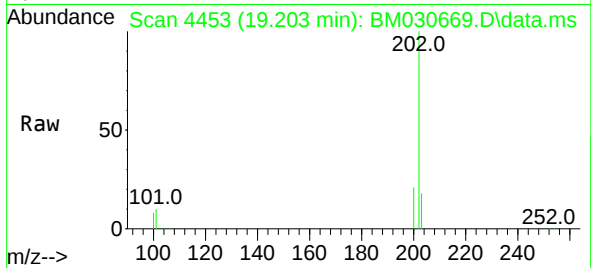
Instrument :
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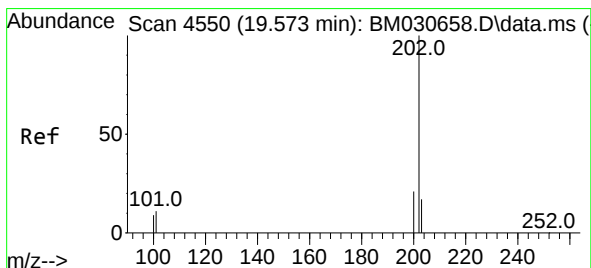
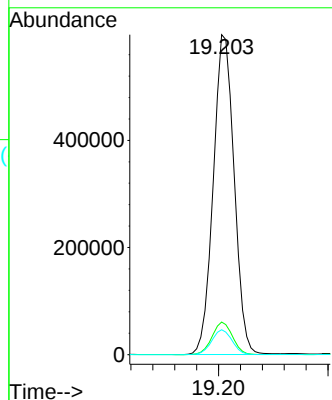
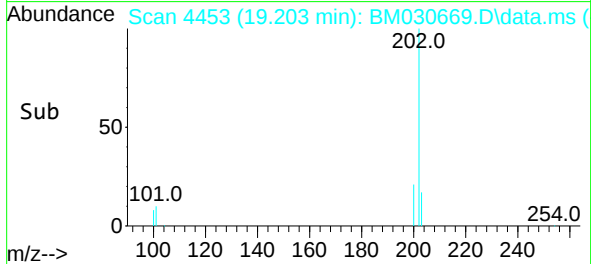
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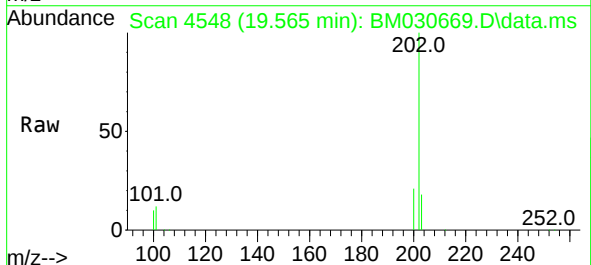
#19
Fluoranthene
Concen: 16.392 ng/u1
RT: 19.203 min Scan# 4453
Delta R.T. -0.008 min
Lab File: BM030669.D
Acq: 29 Jun 2021 00:51



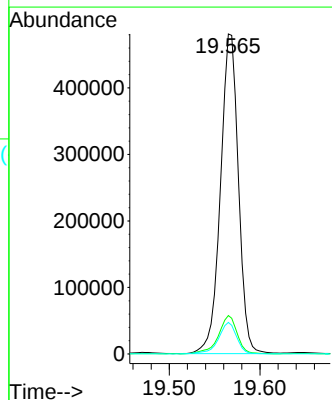
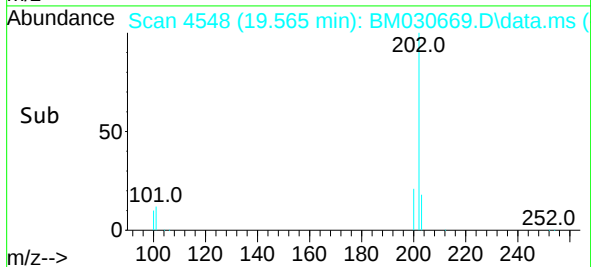
Tgt Ion:202 Resp: 789513
Ion Ratio Lower Upper
202 100
101 10.2 8.7 13.1
100 7.8 6.6 9.8



#20
Pyrene
Concen: 13.659 ng/u1
RT: 19.565 min Scan# 4548
Delta R.T. -0.004 min
Lab File: BM030669.D
Acq: 29 Jun 2021 00:51



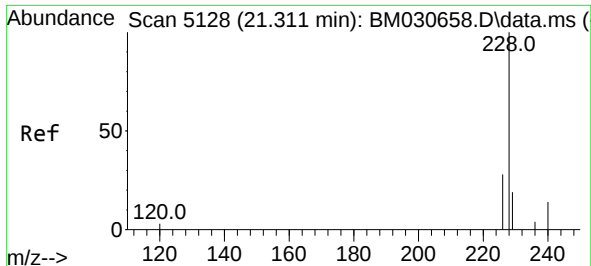
Tgt Ion:202 Resp: 661516
Ion Ratio Lower Upper
202 100
101 12.0 10.2 15.4
100 9.8 8.5 12.7



Instrument :
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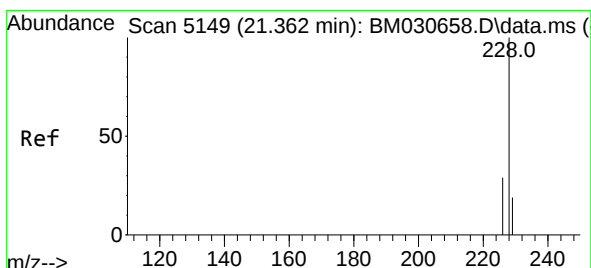
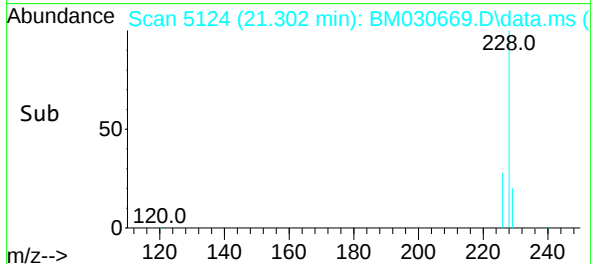
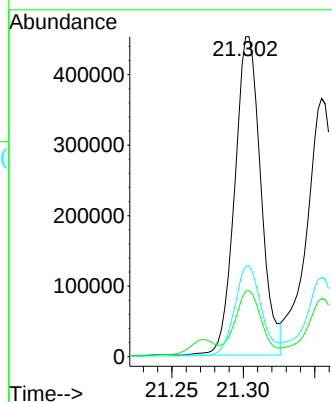
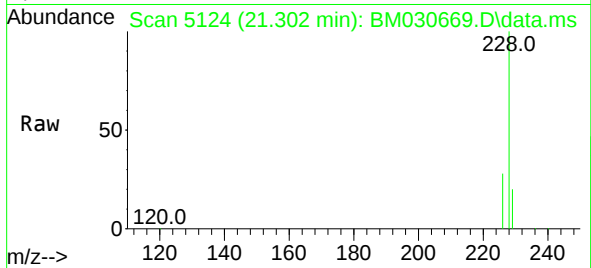
#21
Benzo(a)anthracene
Concen: 13.148 ng/ul
RT: 21.302 min Scan# 5124
Delta R.T. -0.007 min
Lab File: BM030669.D
Acq: 29 Jun 2021 00:51

Tgt Ion:228 Resp: 571899
Ion Ratio Lower Upper
228 100
229 20.5 16.2 24.2
226 28.3 22.2 33.4

Instrument :
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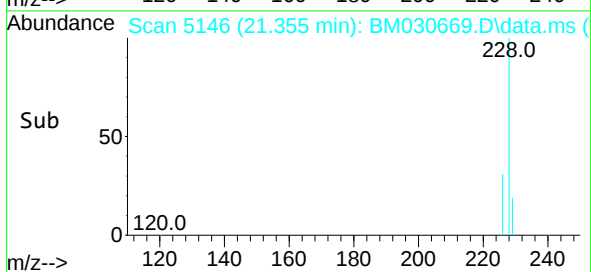
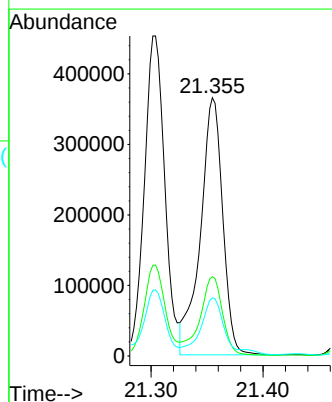
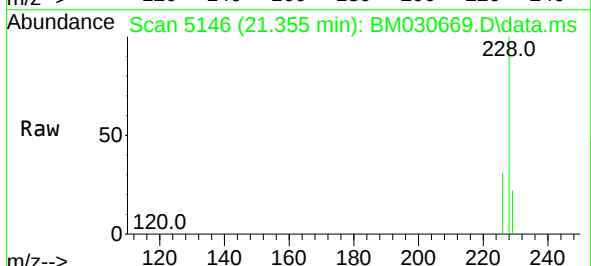
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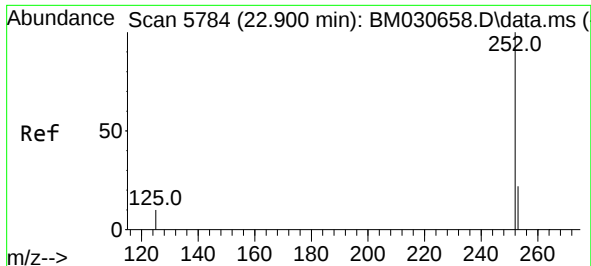
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#22
Chrysene
Concen: 10.372 ng/ul
RT: 21.355 min Scan# 5146
Delta R.T. -0.007 min
Lab File: BM030669.D
Acq: 29 Jun 2021 00:51

Tgt Ion:228 Resp: 505404
Ion Ratio Lower Upper
228 100
226 30.7 24.9 37.3
229 22.5 16.2 24.2





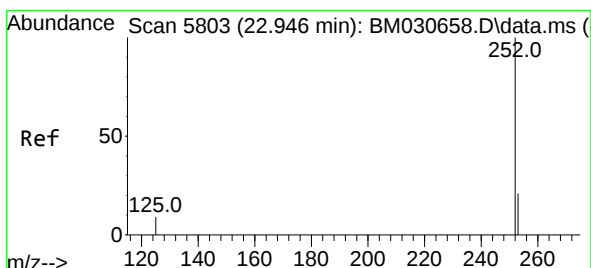
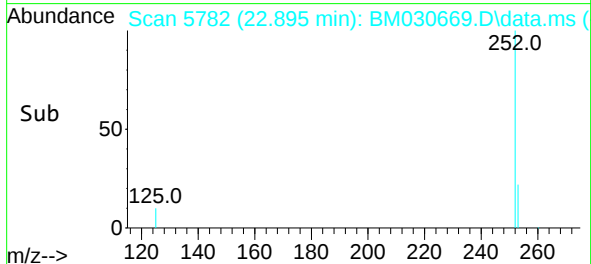
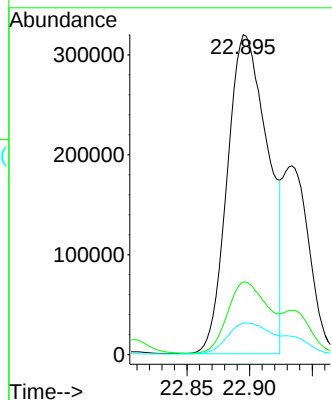
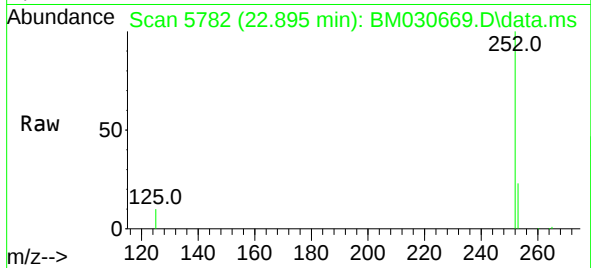
#24
Benzo(b)fluoranthene
Concen: 13.460 ng/ul m
RT: 22.895 min Scan# 5782
Delta R.T. -0.005 min
Lab File: BM030669.D
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Tgt Ion:252 Resp: 722312
Ion Ratio Lower Upper
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253 22.8 0.0 57.8
125 9.9 0.0 33.2

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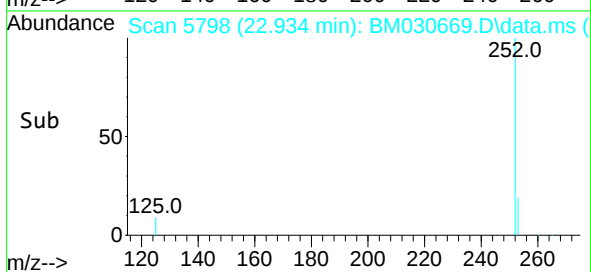
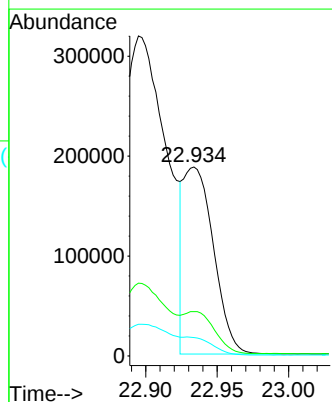
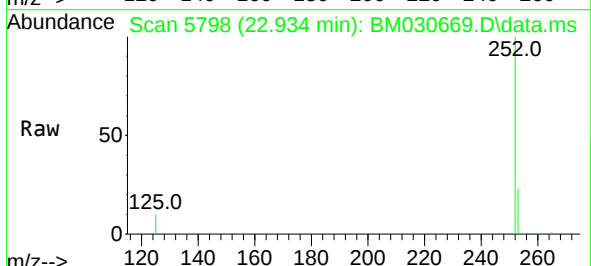
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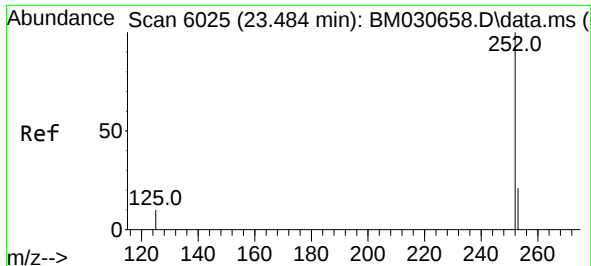
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#25
Benzo(k)fluoranthene
Concen: 4.932 ng/ul m
RT: 22.934 min Scan# 5798
Delta R.T. -0.012 min
Lab File: BM030669.D
Acq: 29 Jun 2021 00:51

Tgt Ion:252 Resp: 272873
Ion Ratio Lower Upper
252 100
253 23.5 23.2 34.8
125 9.7 12.6 19.0#





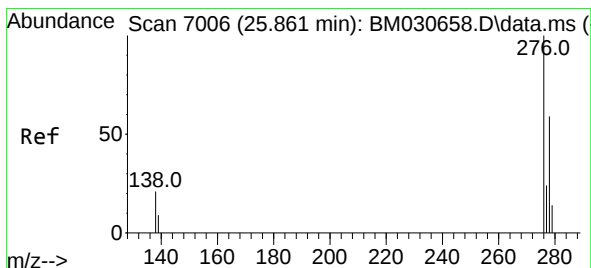
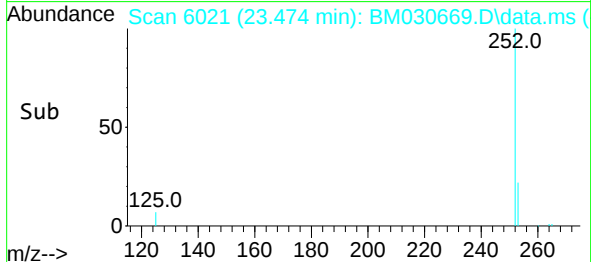
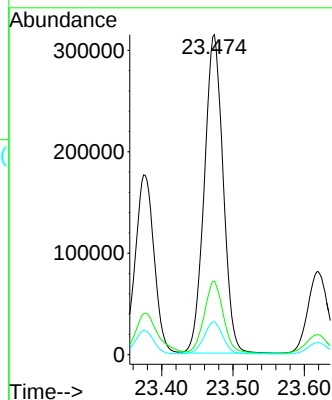
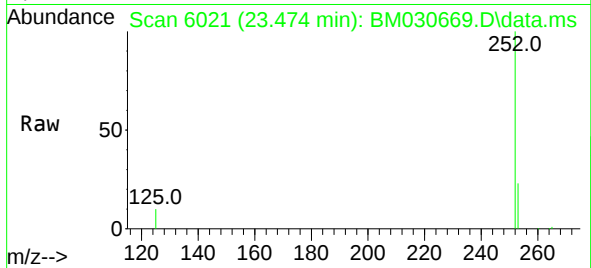
#26
Benzo(a)pyrene
Concen: 12.579 ng/ul
RT: 23.474 min Scan# 6021
Delta R.T. -0.007 min
Lab File: BM030669.D
Acq: 29 Jun 2021 00:51

Tgt Ion:252 Resp: 574162
Ion Ratio Lower Upper
252 100
253 23.0 25.5 38.3#
125 10.3 15.8 23.6#

Instrument :
BNA_M
ClientSampleId :
BGD72DL

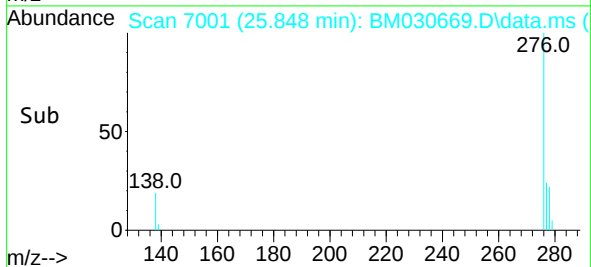
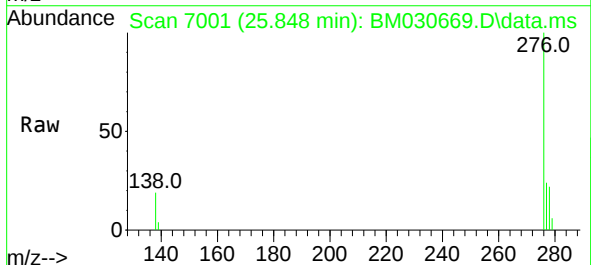
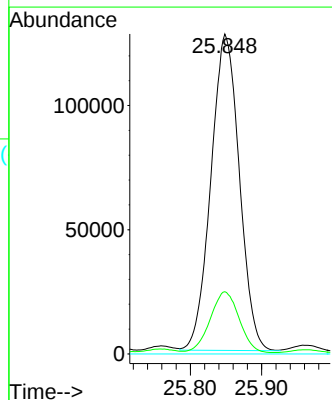
Manual Integrations
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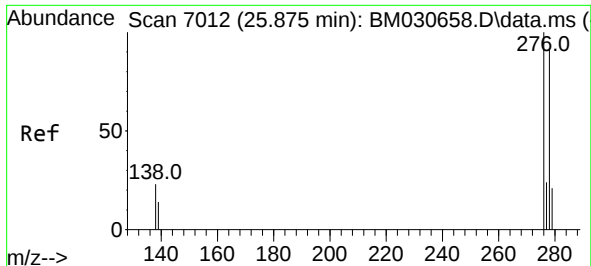
mohammad
6/29/2021 2:31:59 PM



#27
Indeno(1,2,3-cd)pyrene
Concen: 5.928 ng/ul
RT: 25.848 min Scan# 7001
Delta R.T. -0.014 min
Lab File: BM030669.D
Acq: 29 Jun 2021 00:51

Tgt Ion:276 Resp: 352474
Ion Ratio Lower Upper
276 100
138 19.6 18.2 27.4
227 0.0 0.0 0.0





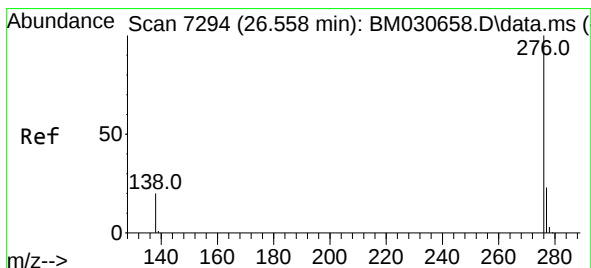
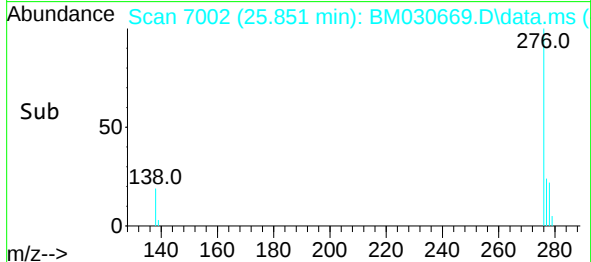
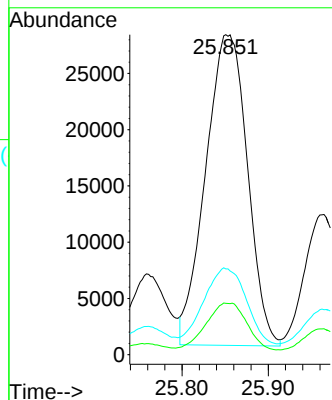
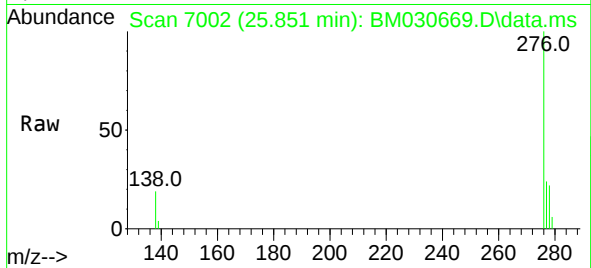
#28
Dibenzo(a,h)anthracene
Concen: 1.956 ng/ul
RT: 25.851 min Scan# 7002
Delta R.T. -0.019 min
Lab File: BM030669.D
Acq: 29 Jun 2021 00:51

Tgt Ion:278 Resp: 93314
Ion Ratio Lower Upper
278 100
139 16.1 15.0 22.4
279 26.8 24.3 36.5

Instrument :
BNA_M
ClientSampleId :
BGD72DL

Manual Integrations
APPROVED

mohammad
6/29/2021 2:31:59 PM



#29
Benzo(g,h,i)perylene
Concen: 5.144 ng/ul
RT: 26.551 min Scan# 7291
Delta R.T. -0.007 min
Lab File: BM030669.D
Acq: 29 Jun 2021 00:51

Tgt Ion:276 Resp: 265724
Ion Ratio Lower Upper
276 100
138 19.9 18.1 27.1
277 23.9 20.9 31.3

