

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062821\
 Data File : BM030688.D
 Acq On : 29 Jun 2021 13:07
 Operator : CG/JU
 Sample : M2680-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGD73

Manual Integrations
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Quant Time: Jun 29 13:42:57 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	7.787	152	2019	0.400	ng/ul	0.00
4) Naphthalene-d8	10.572	136	7456	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.413	164	4562	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.152	188	8366	0.400	ng/ul	0.00
17) Chrysene-d12	21.331	240	7493m	0.400	ng/ul	0.00
23) Perylene-d12	23.585	264	11563m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	5442	2.474	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.160	152	1871	0.160	ng/ul	0.00
18) Fluoranthene-d10	19.176	212	3339	0.155	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.622	128	72821	3.427	ng/ul	98
7) 2-Methylnaphthalene	12.236	142	13206	0.923	ng/ul	99
8) 1-Methylnaphthalene	12.457	142	8344	0.600	ng/ul	99
10) Acenaphthylene	14.136	152	141358	6.941	ng/ul	98
11) Acenaphthene	14.478	153	16868	1.022	ng/ul	98
12) Fluorene	15.460	166	87815	4.824	ng/ul	99
15) Phenanthrene	17.197	178	2831918	100.692	ng/ul	99
16) Anthracene	17.284	178	970491	39.403	ng/ul	97
19) Fluoranthene	19.214	202	5845214	176.740	ng/ul	98
20) Pyrene	19.577	202	5174211	155.585	ng/ul	99
21) Benzo(a)anthracene	21.316	228	3589075m	120.161	ng/ul	
22) Chrysene	21.367	228	2912762	87.054	ng/ul	95
24) Benzo(b)fluoranthene	22.919	252	3982511m	77.760	ng/ul	
25) Benzo(k)fluoranthene	22.951	252	1473197m	27.900	ng/ul	
26) Benzo(a)pyrene	23.498	252	3199895	73.457	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.882	276	1858599	32.753	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.882	278	479733	10.535	ng/ul	94
29) Benzo(g,h,i)perylene	26.583	276	1380918	28.009	ng/ul	95

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

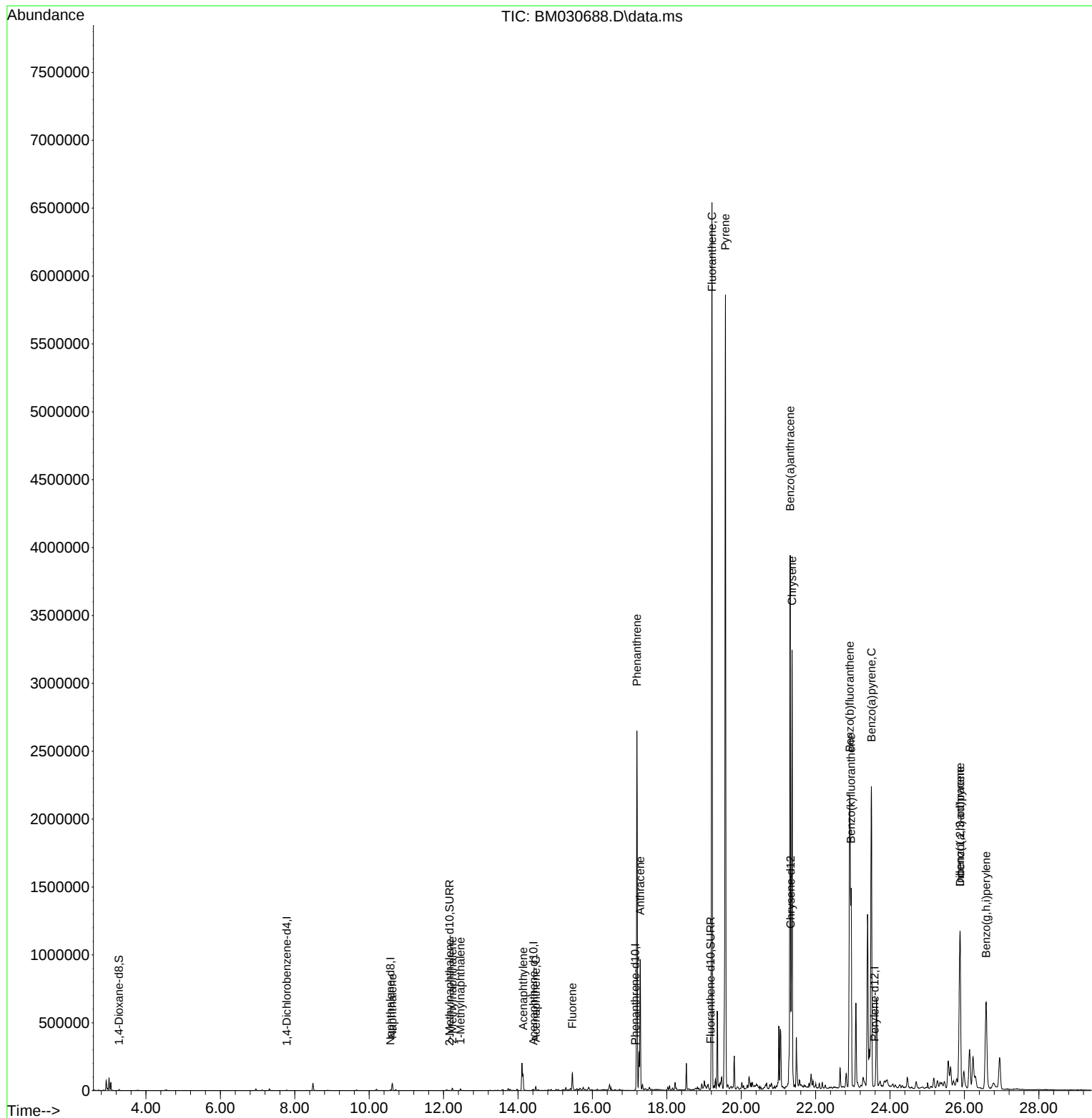
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Data File : BM030688.D
Acq On : 29 Jun 2021 13:07
Operator : CG/JU
Sample : M2680-03
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ALS Vial : 32 Sample Multiplier: 1

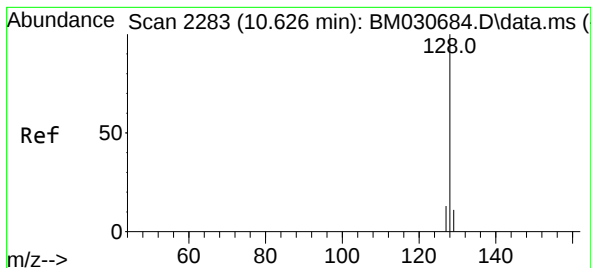
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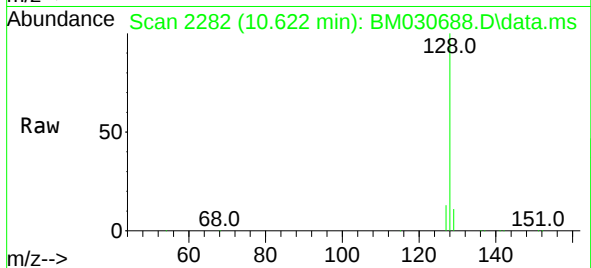
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QLast Update : Mon Jun 28 14:33:12 2021
Response via : Initial Calibration

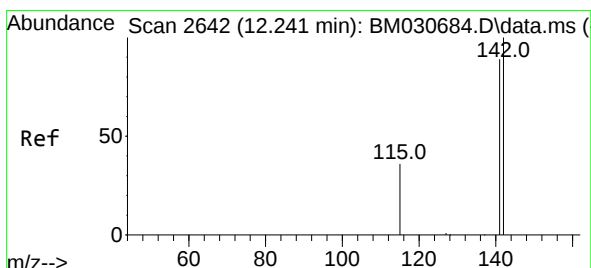
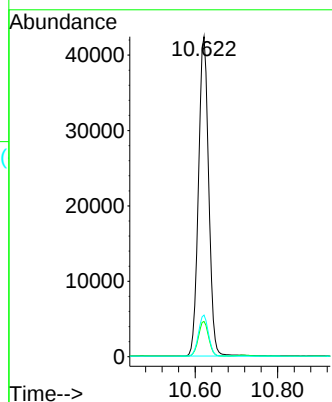
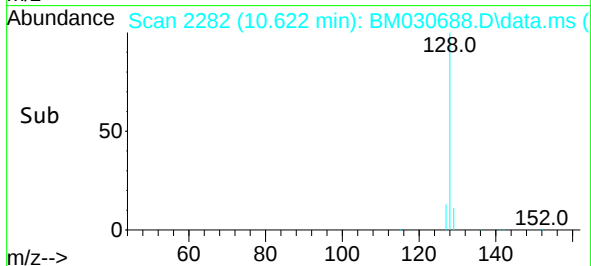




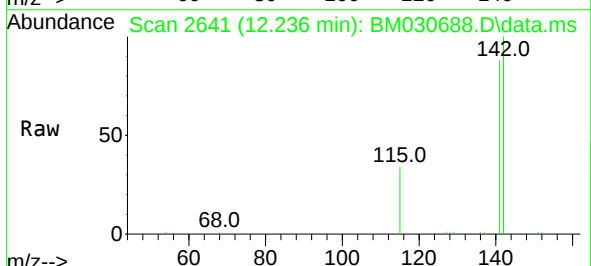
#5
Naphthalene
Concen: 3.427 ng/ul
RT: 10.622 min Scan# 2282
Delta R.T. -0.008 min
Lab File: BM030688.D
Acq: 29 Jun 2021 13:07



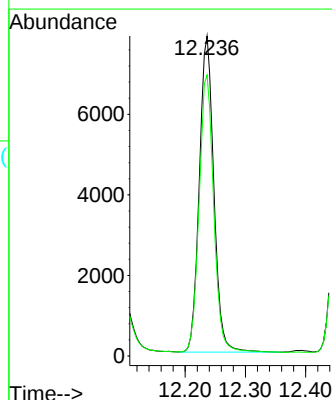
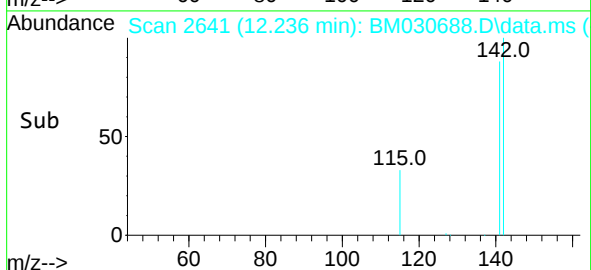
Tgt Ion:128 Resp: 72821
Ion Ratio Lower Upper
128 100
129 11.0 9.5 14.3
127 13.0 11.2 16.8



#7
2-Methylnaphthalene
Concen: 0.923 ng/ul
RT: 12.236 min Scan# 2641
Delta R.T. -0.008 min
Lab File: BM030688.D
Acq: 29 Jun 2021 13:07



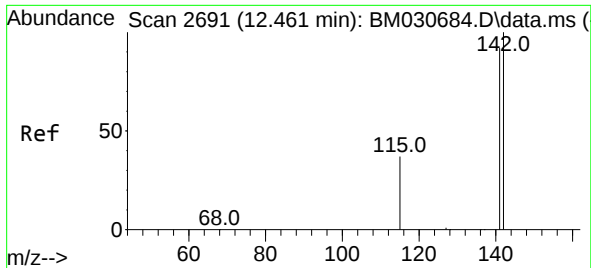
Tgt Ion:142 Resp: 13206
Ion Ratio Lower Upper
142 100
141 88.6 71.4 107.0



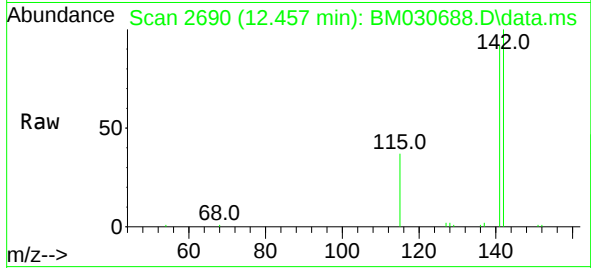
Instrument :
BNA_M
ClientSampled :
BGD73

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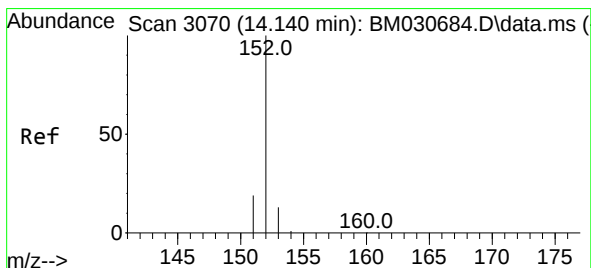
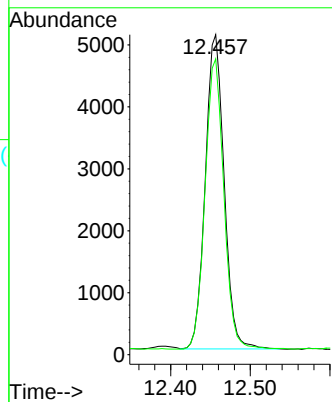
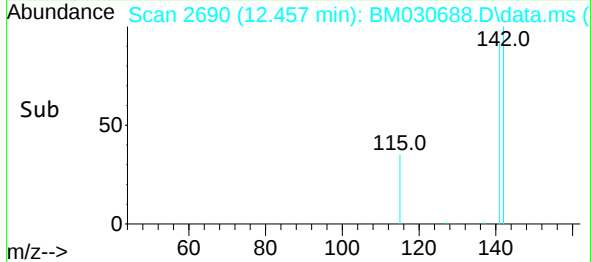
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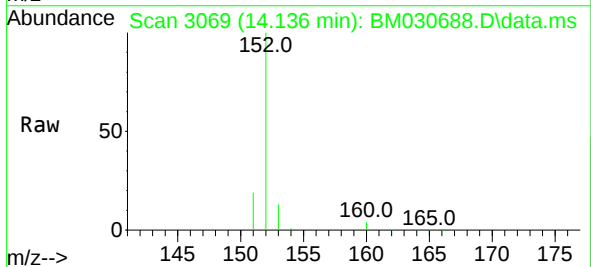
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1-Methylnaphthalene
Concen: 0.600 ng/ul
RT: 12.457 min Scan# 2690
Delta R.T. -0.004 min
Lab File: BM030688.D
Acq: 29 Jun 2021 13:07



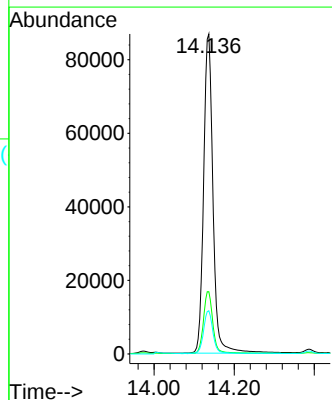
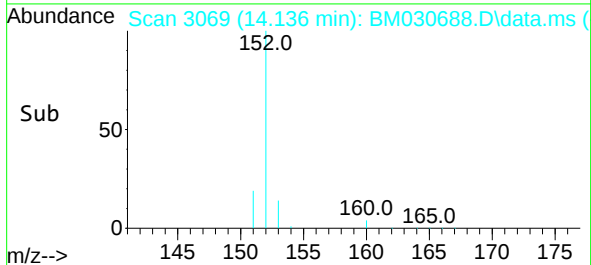
Tgt Ion:142 Resp: 8344
Ion Ratio Lower Upper
142 100
141 92.1 73.2 109.8



#10
Acenaphthylene
Concen: 6.941 ng/ul
RT: 14.136 min Scan# 3069
Delta R.T. -0.004 min
Lab File: BM030688.D
Acq: 29 Jun 2021 13:07



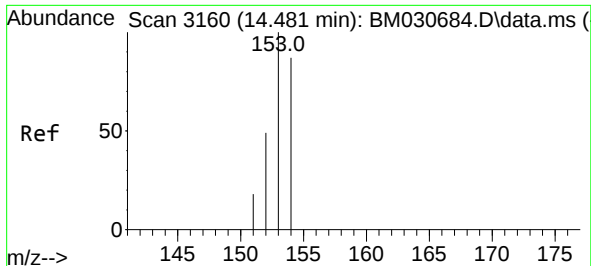
Tgt Ion:152 Resp: 141358
Ion Ratio Lower Upper
152 100
151 19.4 16.2 24.4
153 13.5 11.4 17.0



Instrument :
BNA_M
ClientSampled :
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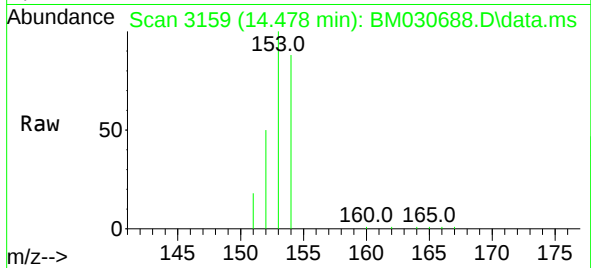
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#11
Acenaphthene
Concen: 1.022 ng/ul
RT: 14.478 min Scan# 3159
Delta R.T. -0.004 min
Lab File: BM030688.D
Acq: 29 Jun 2021 13:07

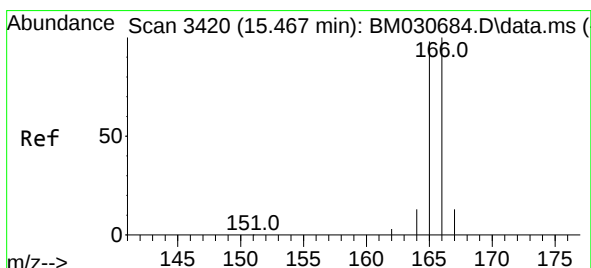
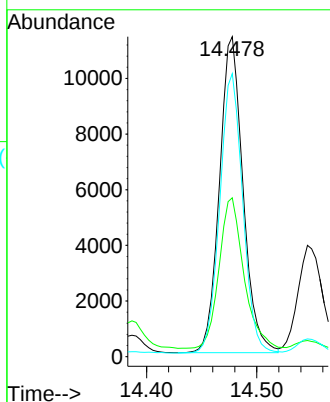
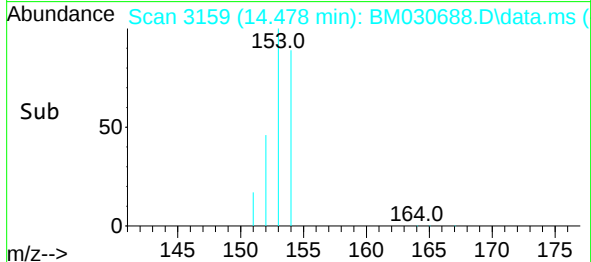
Instrument :
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ClientSampled :
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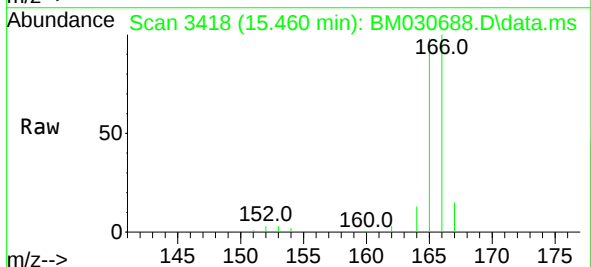
Tgt Ion:153 Resp: 16868
Ion Ratio Lower Upper
153 100
152 49.6 39.8 59.6
154 88.4 68.7 103.1

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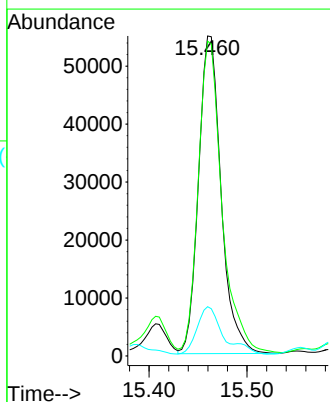
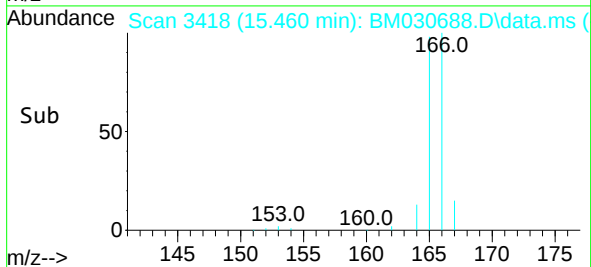
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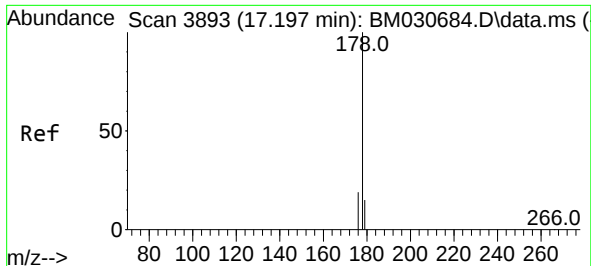


#12
Fluorene
Concen: 4.824 ng/ul
RT: 15.460 min Scan# 3418
Delta R.T. -0.007 min
Lab File: BM030688.D
Acq: 29 Jun 2021 13:07



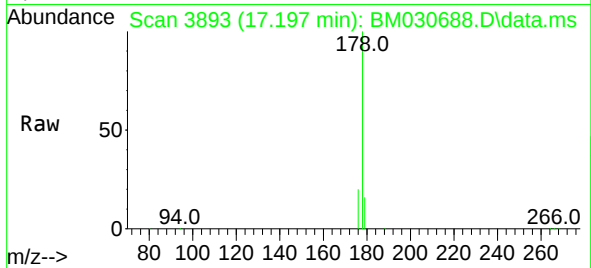
Tgt Ion:166 Resp: 87815
Ion Ratio Lower Upper
166 100
165 98.3 79.1 118.7
167 15.4 12.2 18.2





#15
Phenanthrene
Concen: 100.692 ng/ul
RT: 17.197 min Scan# 3893
Delta R.T. -0.003 min
Lab File: BM030688.D
Acq: 29 Jun 2021 13:07

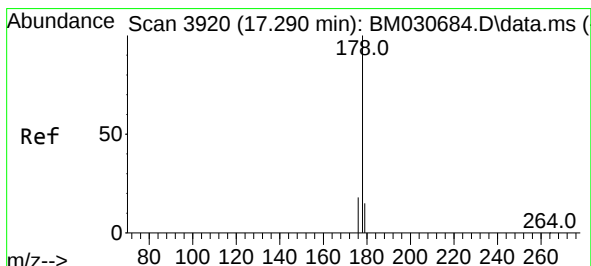
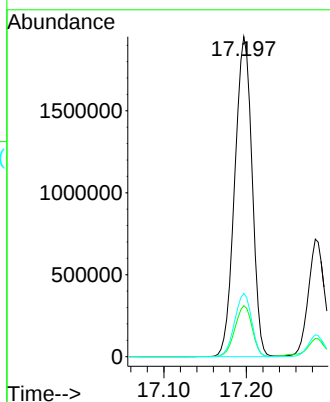
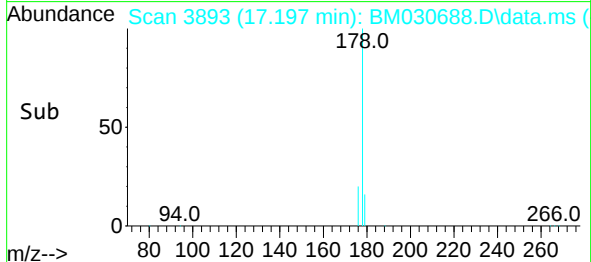
Instrument :
BNA_M
ClientSampled :
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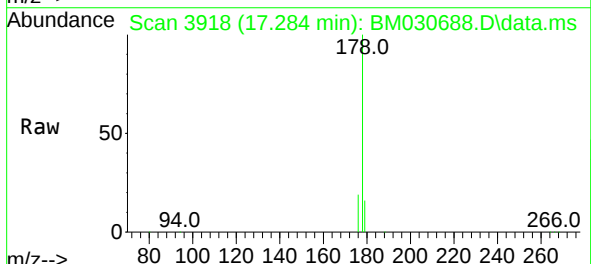
Tgt Ion:178 Resp: 2831918
Ion Ratio Lower Upper
178 100
179 16.0 13.3 19.9
176 19.8 16.0 24.0

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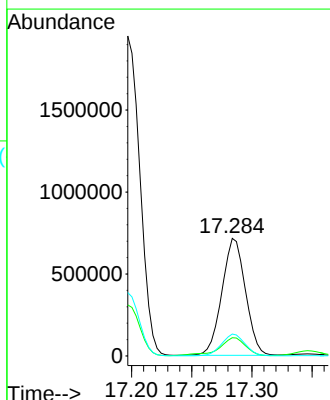
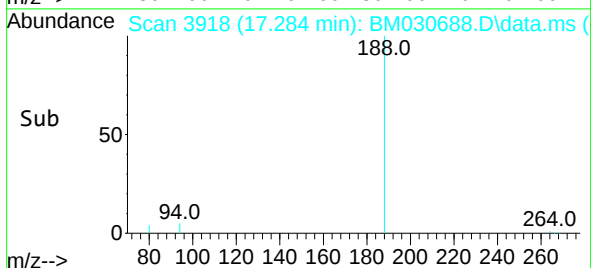
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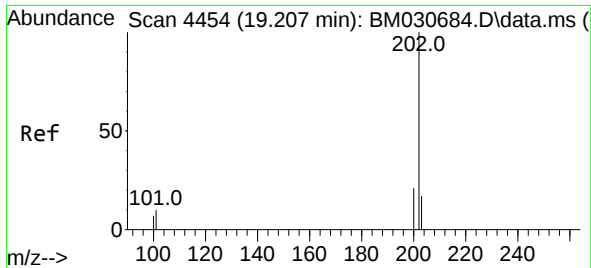


#16
Anthracene
Concen: 39.403 ng/ul
RT: 17.284 min Scan# 3918
Delta R.T. -0.007 min
Lab File: BM030688.D
Acq: 29 Jun 2021 13:07



Tgt Ion:178 Resp: 970491
Ion Ratio Lower Upper
178 100
179 15.5 14.0 21.0
176 18.7 15.8 23.6





#19
Fluoranthene
Concen: 176.740 ng/ul
RT: 19.214 min Scan# 4456
Delta R.T. 0.004 min
Lab File: BM030688.D
Acq: 29 Jun 2021 13:07

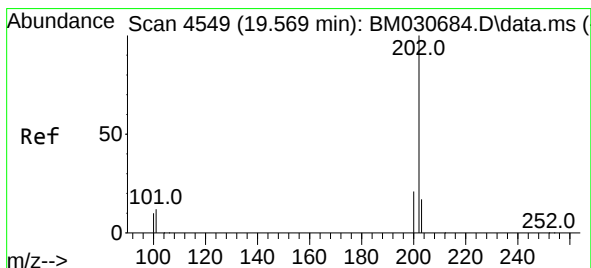
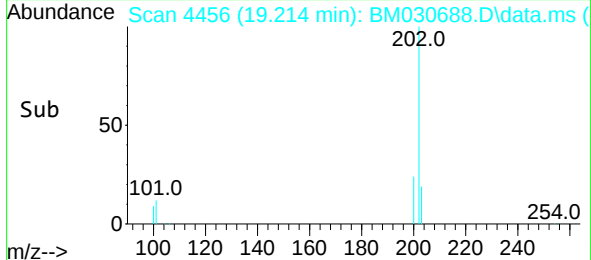
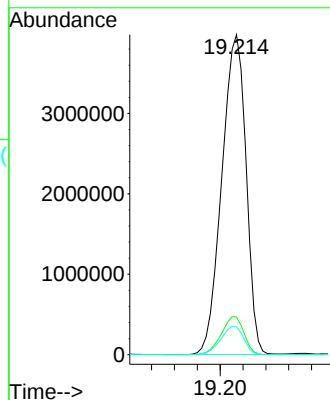
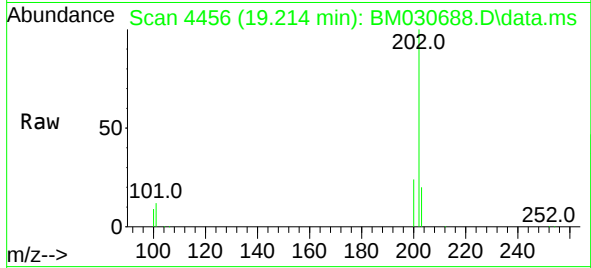
Tgt Ion:202 Resp: 5845214

Ion	Ratio	Lower	Upper
202	100		
101	11.8	8.7	13.1
100	8.7	6.6	9.8

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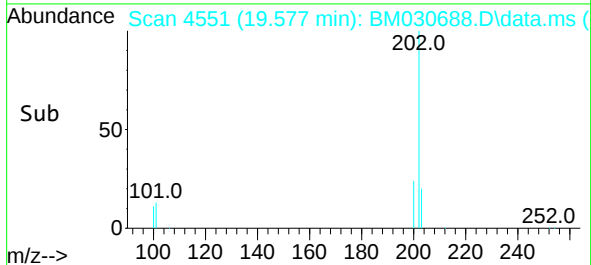
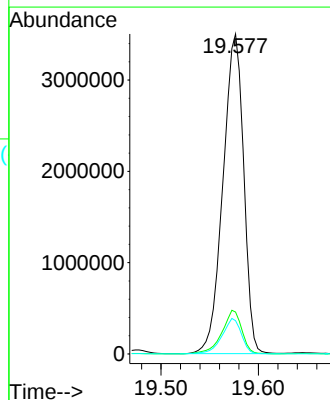
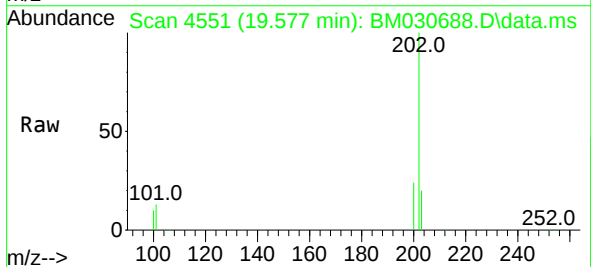
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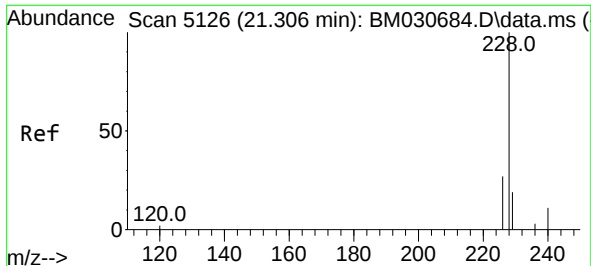


#20
Pyrene
Concen: 155.585 ng/ul
RT: 19.577 min Scan# 4551
Delta R.T. 0.008 min
Lab File: BM030688.D
Acq: 29 Jun 2021 13:07

Tgt Ion:202 Resp: 5174211

Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.2	15.4
100	10.4	8.5	12.7





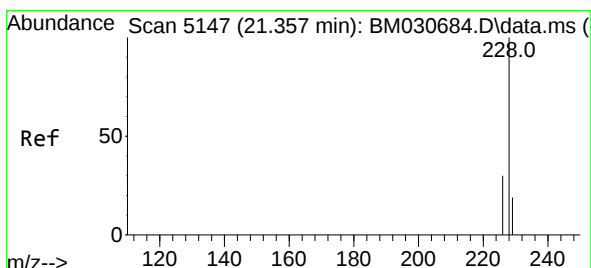
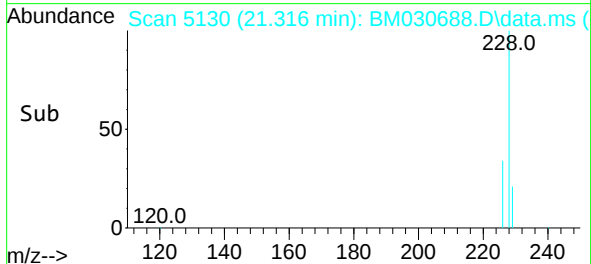
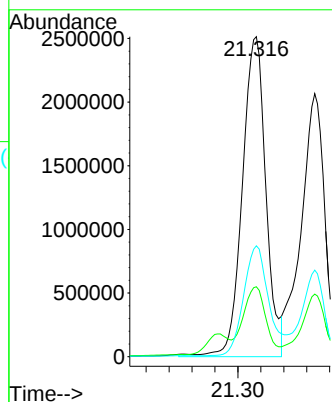
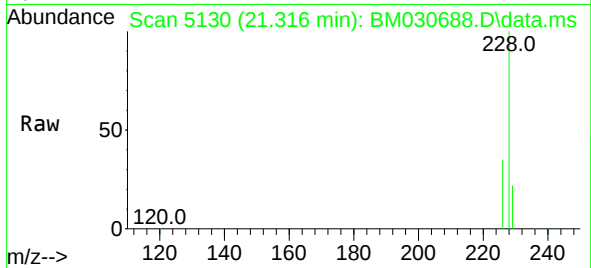
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Benzo(a)anthracene
Concen: 120.161 ng/ul m
RT: 21.316 min Scan# 5130
Delta R.T. 0.007 min
Lab File: BM030688.D
Acq: 29 Jun 2021 13:07

Tgt Ion:228 Resp: 3589075
Ion Ratio Lower Upper
228 100
229 21.8 16.2 24.2
226 34.6 22.2 33.4#

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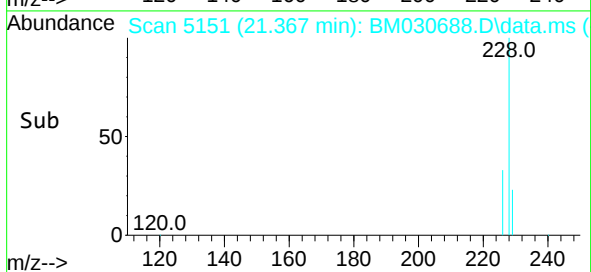
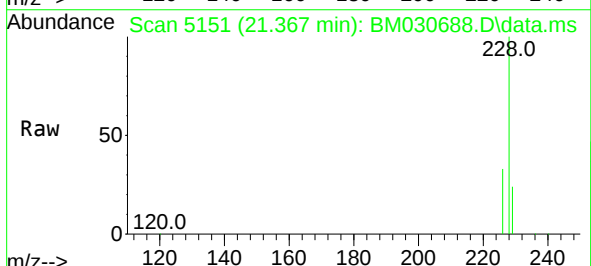
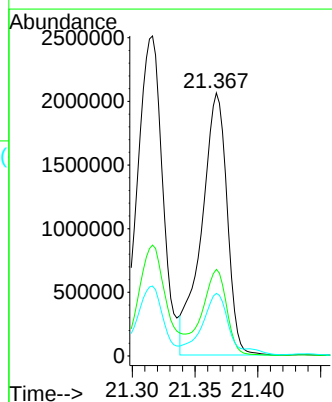
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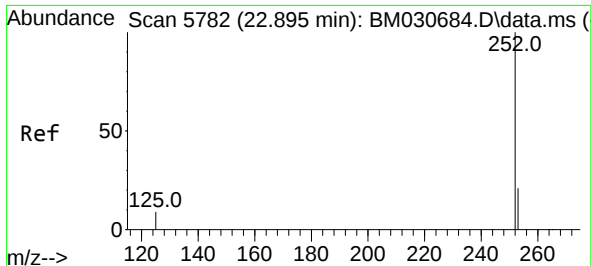
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#22
Chrysene
Concen: 87.054 ng/ul
RT: 21.367 min Scan# 5151
Delta R.T. 0.005 min
Lab File: BM030688.D
Acq: 29 Jun 2021 13:07

Tgt Ion:228 Resp: 2912762
Ion Ratio Lower Upper
228 100
226 32.9 24.9 37.3
229 23.8 16.2 24.2





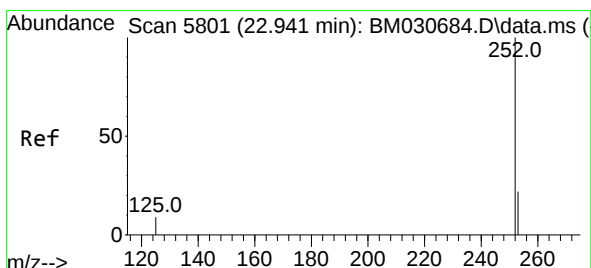
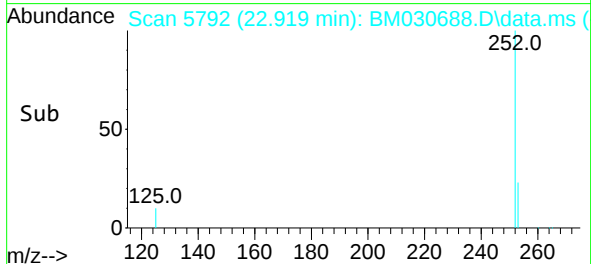
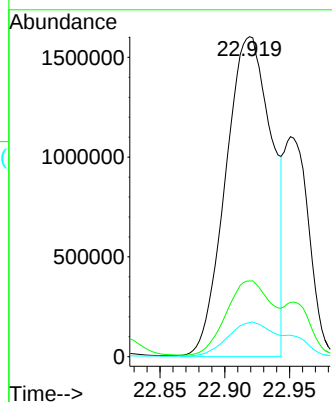
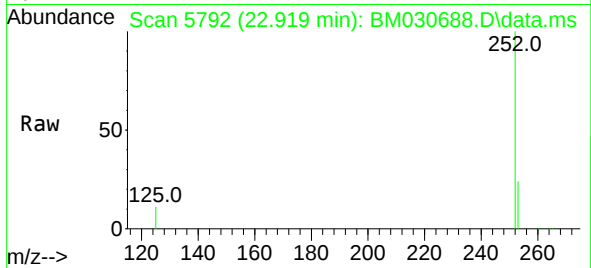
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Benzo(b)fluoranthene
Concen: 77.760 ng/ul m
RT: 22.919 min Scan# 5792
Delta R.T. 0.020 min
Lab File: BM030688.D
Acq: 29 Jun 2021 13:07

Tgt Ion:252 Resp: 3982511
Ion Ratio Lower Upper
252 100
253 23.6 0.0 57.8
125 10.7 0.0 33.2

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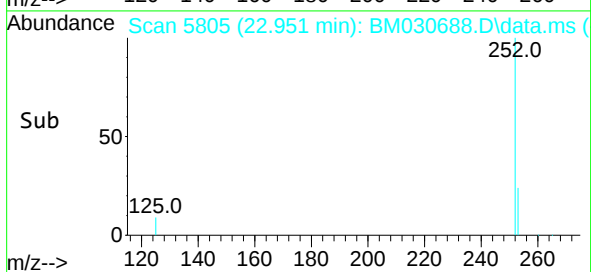
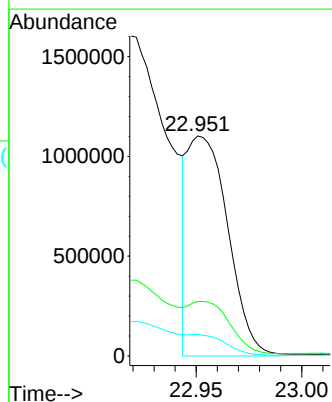
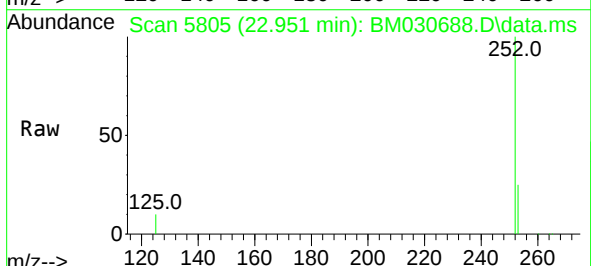
Manual Integrations
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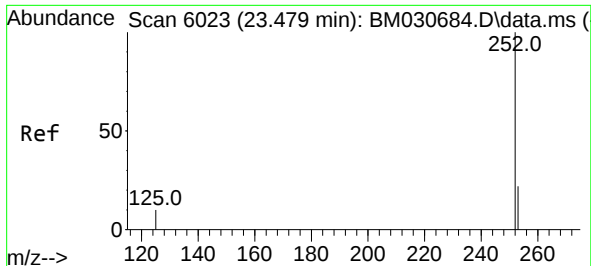
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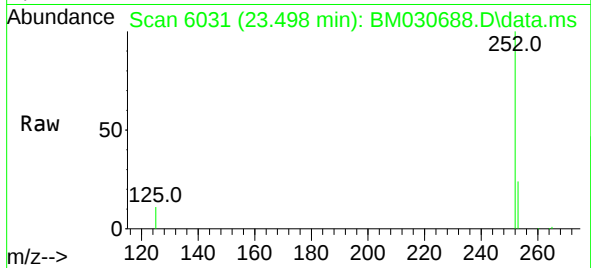
#25
Benzo(k)fluoranthene
Concen: 27.900 ng/ul m
RT: 22.951 min Scan# 5805
Delta R.T. 0.005 min
Lab File: BM030688.D
Acq: 29 Jun 2021 13:07

Tgt Ion:252 Resp: 1473197
Ion Ratio Lower Upper
252 100
253 24.7 23.2 34.8
125 9.7 12.6 19.0#

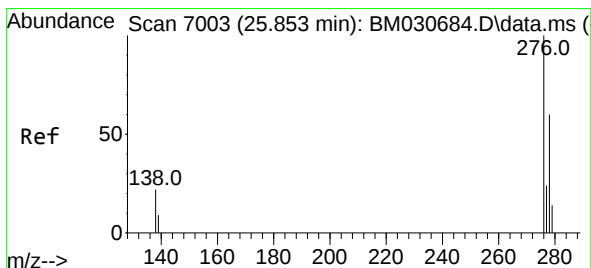
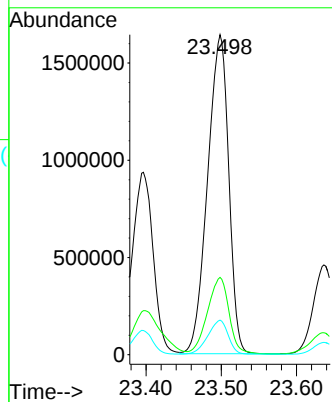
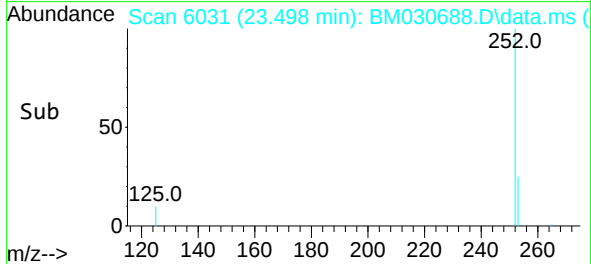




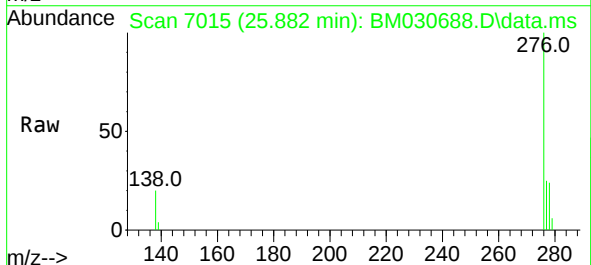
#26
Benzo(a)pyrene
Concen: 73.457 ng/ul
RT: 23.498 min Scan# 6031
Delta R.T. 0.017 min
Lab File: BM030688.D
Acq: 29 Jun 2021 13:07



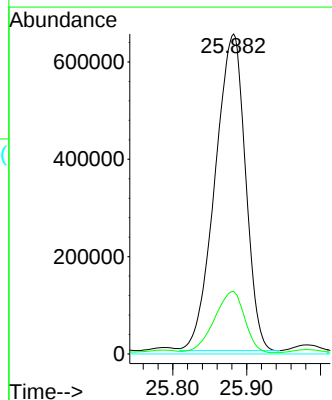
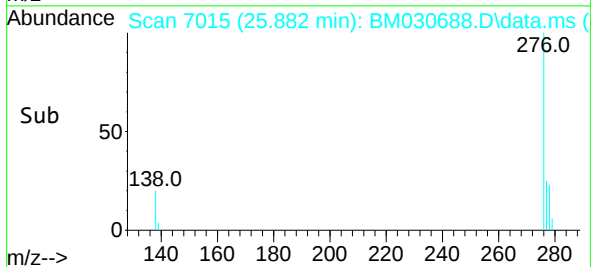
Tgt Ion:252 Resp: 3199895
Ion Ratio Lower Upper
252 100
253 24.2 25.5 38.3#
125 10.8 15.8 23.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 32.753 ng/ul
RT: 25.882 min Scan# 7015
Delta R.T. 0.020 min
Lab File: BM030688.D
Acq: 29 Jun 2021 13:07



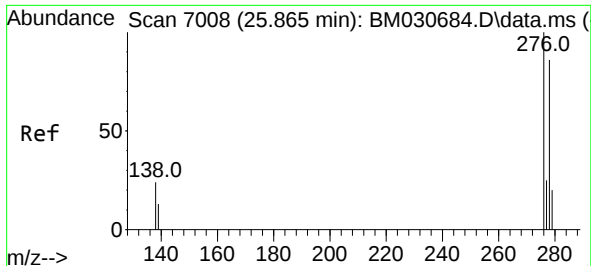
Tgt Ion:276 Resp: 1858599
Ion Ratio Lower Upper
276 100
138 19.3 18.2 27.4
227 0.0 0.0 0.0



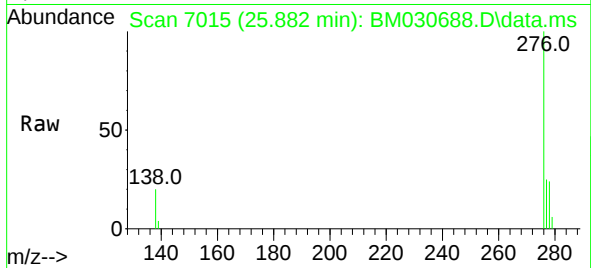
Instrument :
BNA_M
ClientSampleId :
BGD73

Manual Integrations
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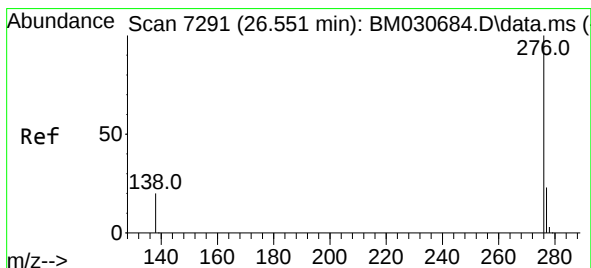
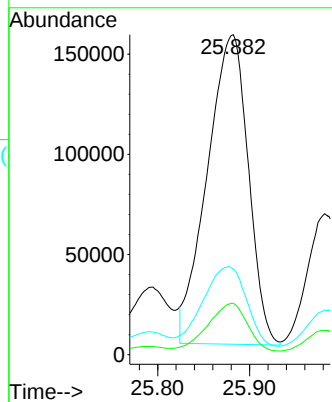
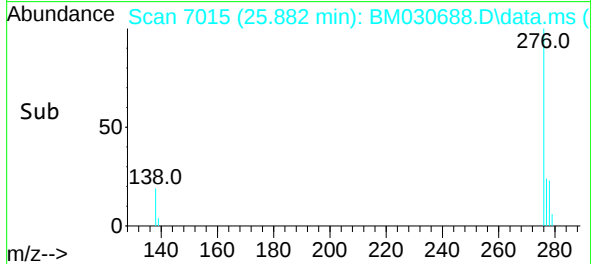
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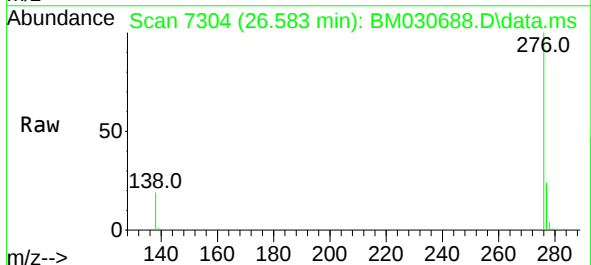
#28
Dibenzo(a,h)anthracene
Concen: 10.535 ng/ul
RT: 25.882 min Scan# 7015
Delta R.T. 0.012 min
Lab File: BM030688.D
Acq: 29 Jun 2021 13:07



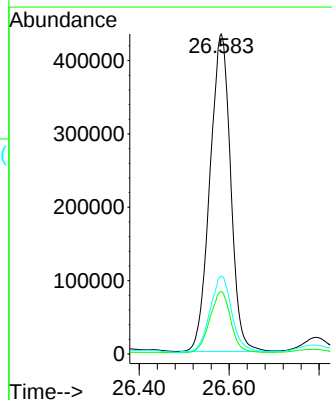
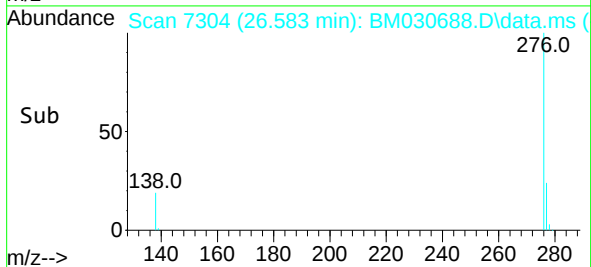
Tgt Ion:278 Resp: 479733
Ion Ratio Lower Upper
278 100
139 16.1 15.0 22.4
279 26.7 24.3 36.5



#29
Benzo(g,h,i)perylene
Concen: 28.009 ng/ul
RT: 26.583 min Scan# 7304
Delta R.T. 0.024 min
Lab File: BM030688.D
Acq: 29 Jun 2021 13:07



Tgt Ion:276 Resp: 1380918
Ion Ratio Lower Upper
276 100
138 19.5 18.1 27.1
277 24.4 20.9 31.3



Instrument :
BNA_M
ClientSampled :
BGD73

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