

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062821\
 Data File : BM030668.D
 Acq On : 29 Jun 2021 00:14
 Operator : CG/JU
 Sample : M2680-18DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDC2DL

Manual Integrations
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Quant Time: Jun 29 02:22:36 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	7.791	152	2600	0.400	ng/ul	0.00
4) Naphthalene-d8	10.577	136	10011	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.417	164	5581	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.152	188	10662	0.400	ng/ul	0.00
17) Chrysene-d12	21.319	240	9921	0.400	ng/ul	0.00
23) Perylene-d12	23.571	264	10189	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.283	96	1489	0.526	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.178	152	515	0.033	ng/ul	0.00
18) Fluoranthene-d10	19.172	212	1068	0.038	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.626	128	5394	0.189	ng/ul	98
7) 2-Methylnaphthalene	12.250	142	489	0.025	ng/ul	93
8) 1-Methylnaphthalene	12.466	142	548	0.029	ng/ul	97
10) Acenaphthylene	14.137	152	3002	0.120	ng/ul#	94
11) Acenaphthene	14.482	153	8905	0.441	ng/ul	98
12) Fluorene	15.464	166	5693	0.256	ng/ul	99
15) Phenanthrene	17.193	178	48039	1.340	ng/ul	98
16) Anthracene	17.287	178	14402	0.459	ng/ul	98
19) Fluoranthene	19.203	202	82204	1.877	ng/ul	98
20) Pyrene	19.565	202	66844	1.518	ng/ul	98
21) Benzo(a)anthracene	21.304	228	45547	1.152	ng/ul	97
22) Chrysene	21.355	228	39234	0.886	ng/ul	100
24) Benzo(b)fluoranthene	22.895	252	52776m	1.169	ng/ul	
25) Benzo(k)fluoranthene	22.934	252	17965m	0.386	ng/ul	
26) Benzo(a)pyrene	23.469	252	41164	1.072	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.846	276	24375	0.487	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.856	278	6604	0.165	ng/ul#	90
29) Benzo(g,h,i)perylene	26.549	276	18133	0.417	ng/ul	99

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

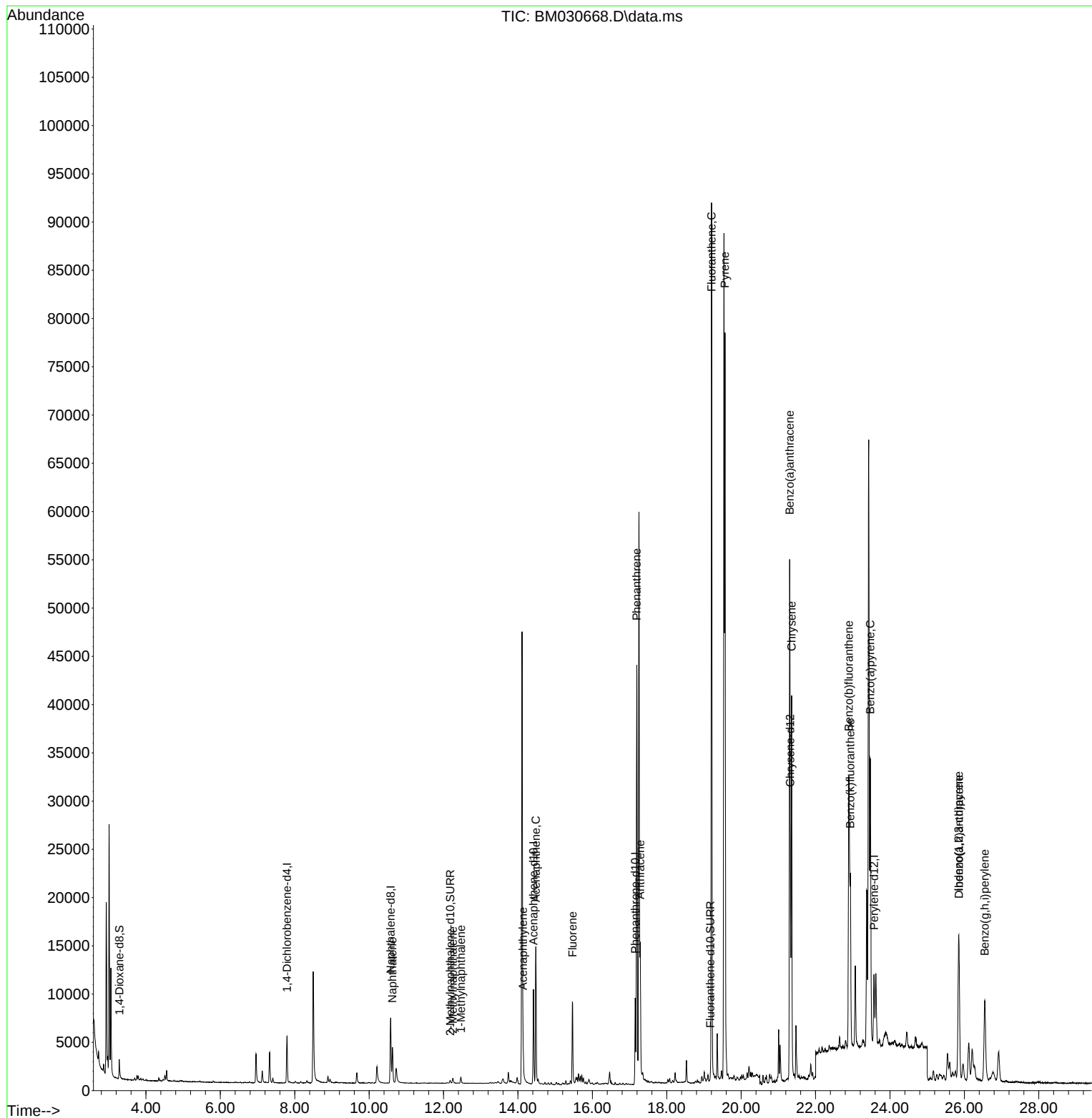
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Data File : BM030668.D
Acq On : 29 Jun 2021 00:14
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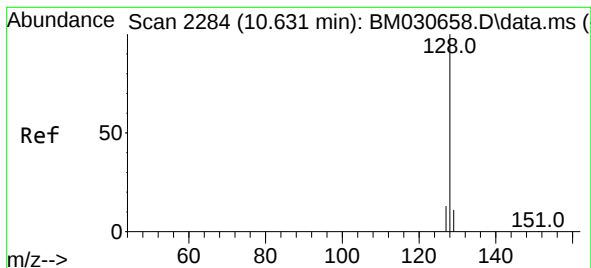
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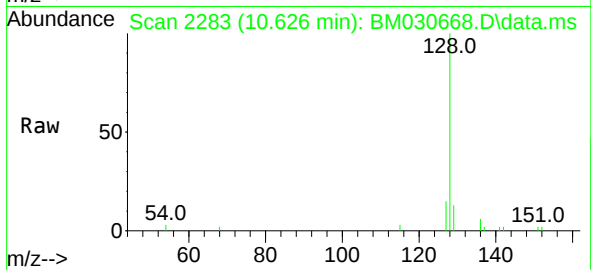
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Quant Time: Jun 29 02:22:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 28 14:33:12 2021
Response via : Initial Calibration

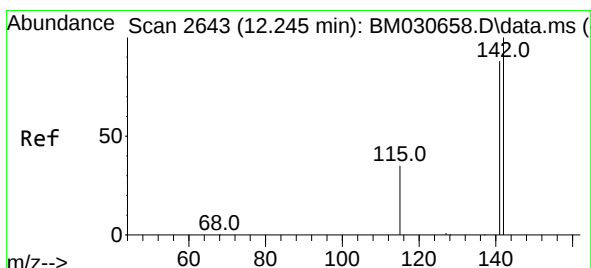
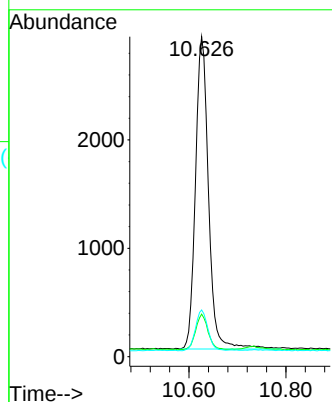
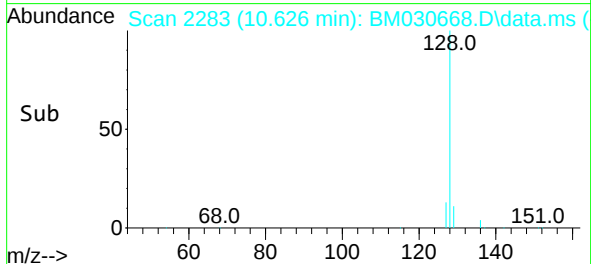




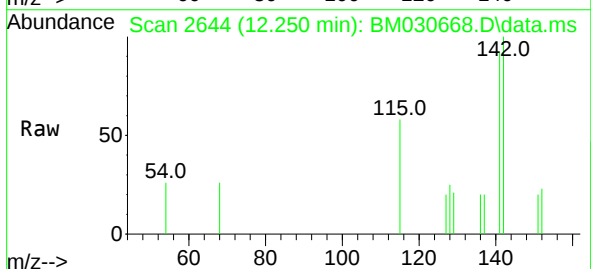
#5
Naphthalene
Concen: 0.189 ng/ul
RT: 10.626 min Scan# 2283
Delta R.T. -0.004 min
Lab File: BM030668.D
Acq: 29 Jun 2021 00:14



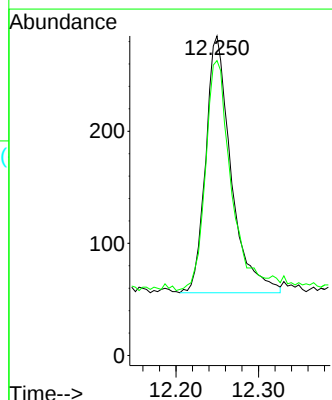
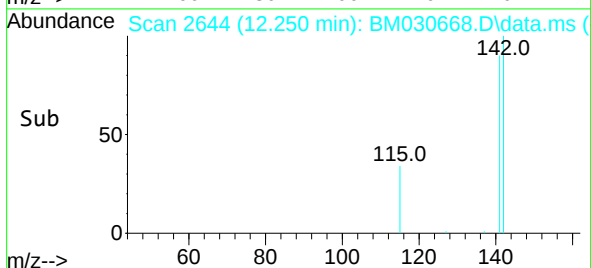
Tgt Ion:128 Resp: 5394
Ion Ratio Lower Upper
128 100
129 13.3 9.5 14.3
127 14.6 11.2 16.8



#7
2-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.250 min Scan# 2644
Delta R.T. 0.005 min
Lab File: BM030668.D
Acq: 29 Jun 2021 00:14



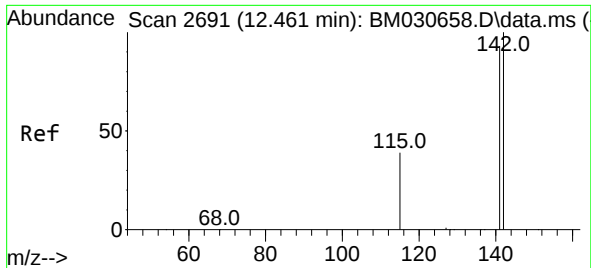
Tgt Ion:142 Resp: 489
Ion Ratio Lower Upper
142 100
141 95.5 71.4 107.0



Instrument :
BNA_M
ClientSampleId :
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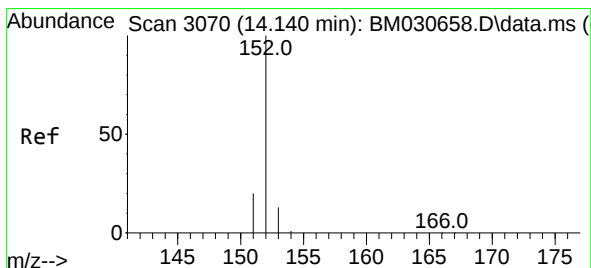
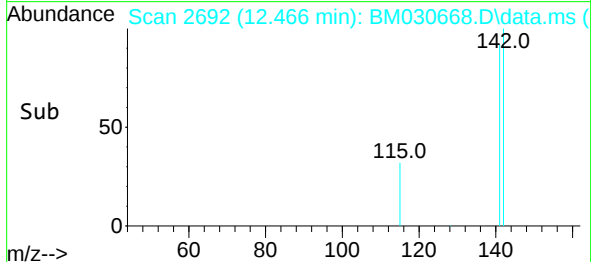
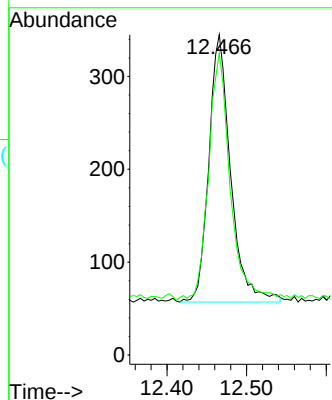
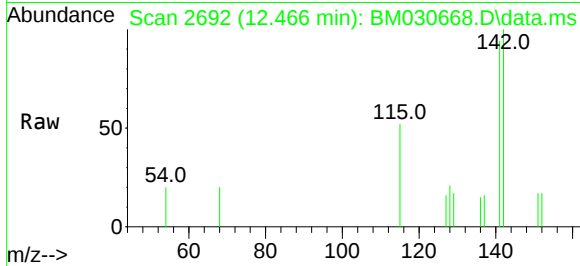
#8
1-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.466 min Scan# 2692
Delta R.T. 0.005 min
Lab File: BM030668.D
Acq: 29 Jun 2021 00:14

Tgt Ion:142 Resp: 548
Ion Ratio Lower Upper
142 100
141 88.5 73.2 109.8

Instrument :
BNA_M
ClientSampled :
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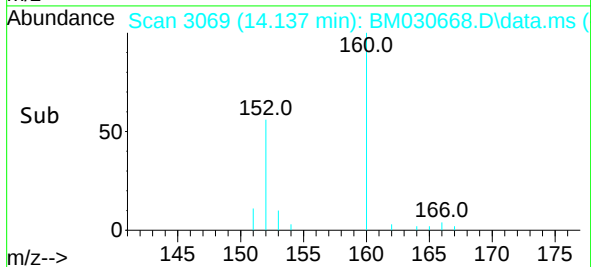
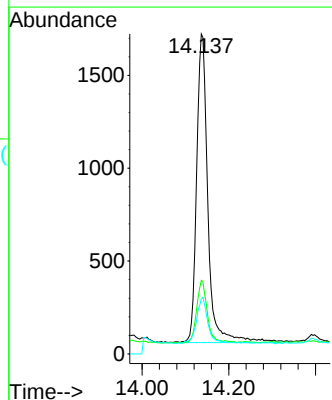
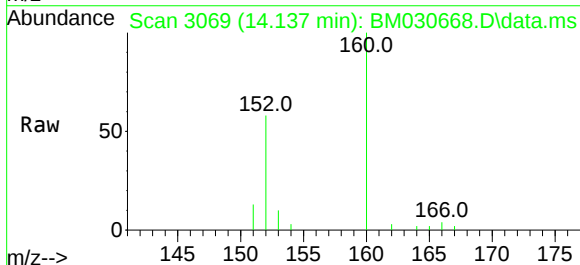
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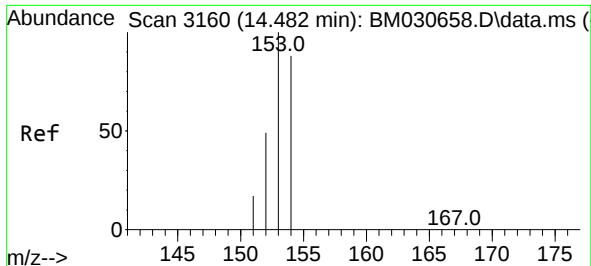
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#10
Acenaphthylene
Concen: 0.120 ng/ul
RT: 14.137 min Scan# 3069
Delta R.T. -0.004 min
Lab File: BM030668.D
Acq: 29 Jun 2021 00:14

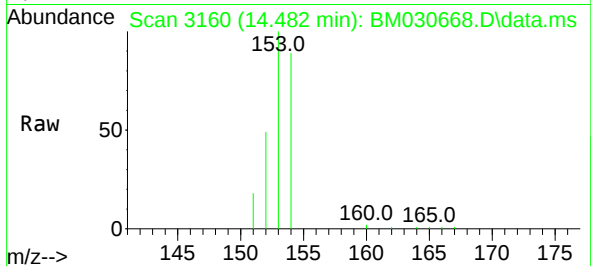
Tgt Ion:152 Resp: 3002
Ion Ratio Lower Upper
152 100
151 23.0 16.2 24.4
153 17.2 11.4 17.0#





#11
Acenaphthene
Concen: 0.441 ng/ul
RT: 14.482 min Scan# 3160
Delta R.T. 0.000 min
Lab File: BM030668.D
Acq: 29 Jun 2021 00:14

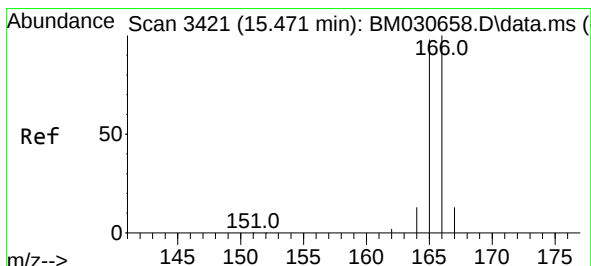
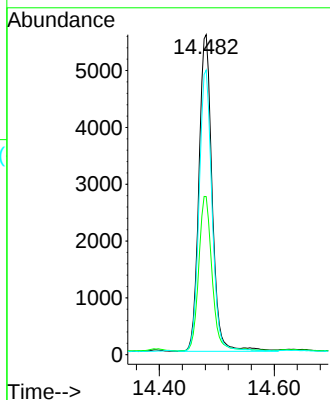
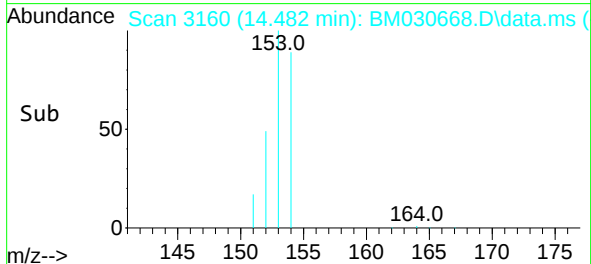
Instrument :
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ClientSampleId :
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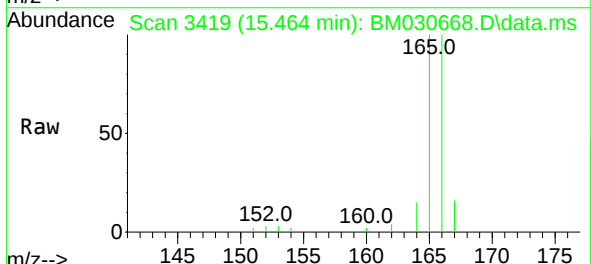
Tgt Ion:153 Resp: 8905
Ion Ratio Lower Upper
153 100
152 49.4 39.8 59.6
154 89.0 68.7 103.1

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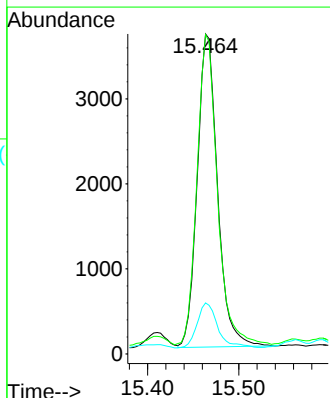
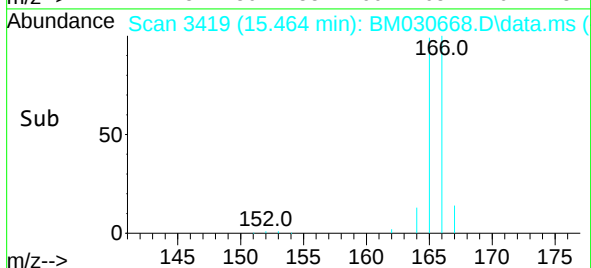
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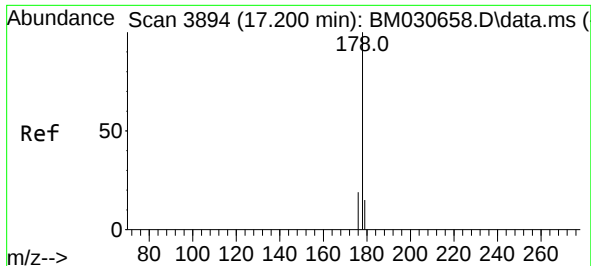


#12
Fluorene
Concen: 0.256 ng/ul
RT: 15.464 min Scan# 3419
Delta R.T. -0.004 min
Lab File: BM030668.D
Acq: 29 Jun 2021 00:14

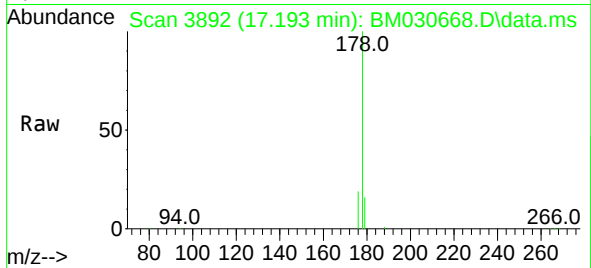


Tgt Ion:166 Resp: 5693
Ion Ratio Lower Upper
166 100
165 99.8 79.1 118.7
167 15.9 12.2 18.2

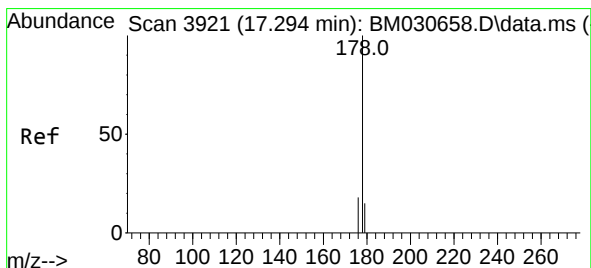
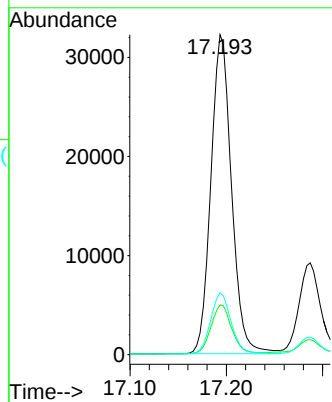
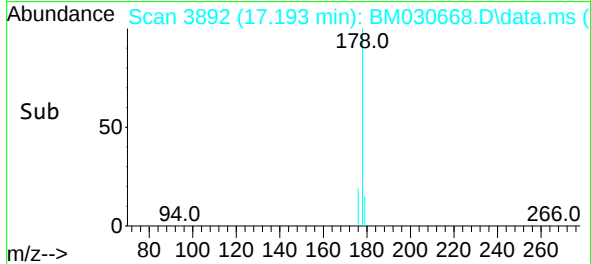




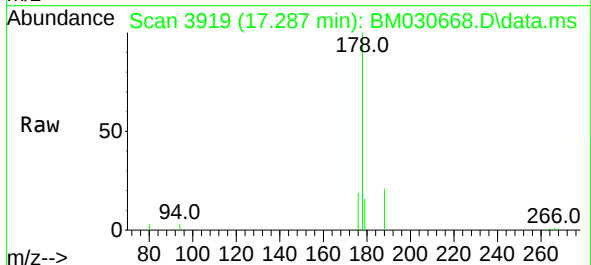
#15
Phenanthrene
Concen: 1.340 ng/ul
RT: 17.193 min Scan# 3892
Delta R.T. -0.007 min
Lab File: BM030668.D
Acq: 29 Jun 2021 00:14



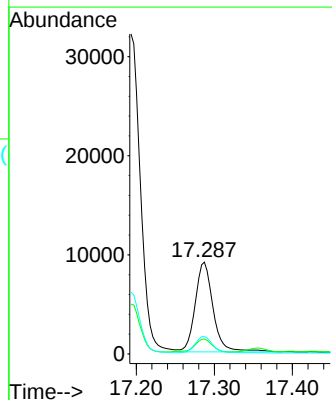
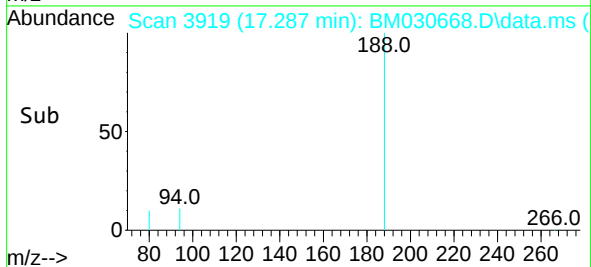
Tgt Ion:178 Resp: 48039
Ion Ratio Lower Upper
178 100
179 15.5 13.3 19.9
176 19.3 16.0 24.0



#16
Anthracene
Concen: 0.459 ng/ul
RT: 17.287 min Scan# 3919
Delta R.T. -0.003 min
Lab File: BM030668.D
Acq: 29 Jun 2021 00:14



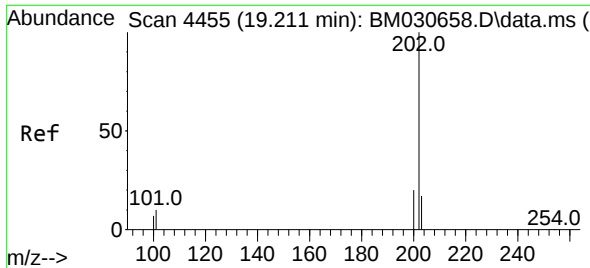
Tgt Ion:178 Resp: 14402
Ion Ratio Lower Upper
178 100
179 16.4 14.0 21.0
176 19.0 15.8 23.6



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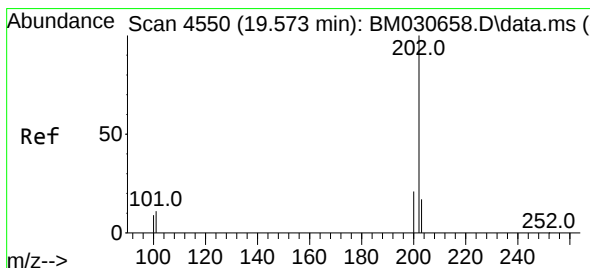
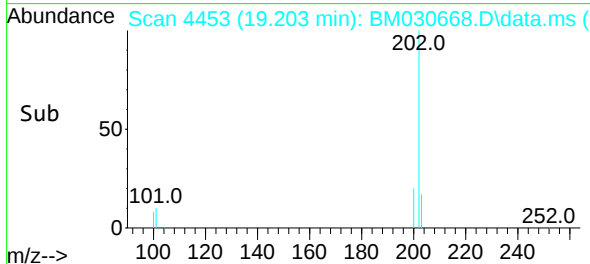
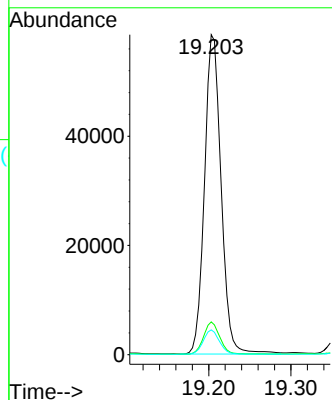
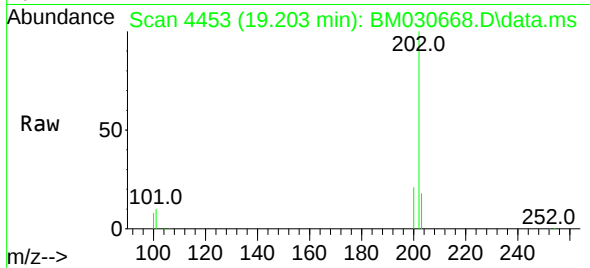
#19
Fluoranthene
Concen: 1.877 ng/ul
RT: 19.203 min Scan# 4453
Delta R.T. -0.007 min
Lab File: BM030668.D
Acq: 29 Jun 2021 00:14

Tgt Ion:202 Resp: 82204
Ion Ratio Lower Upper
202 100
101 10.2 8.7 13.1
100 7.7 6.6 9.8

Instrument :
BNA_M
ClientSampleId :
BGDC2DL

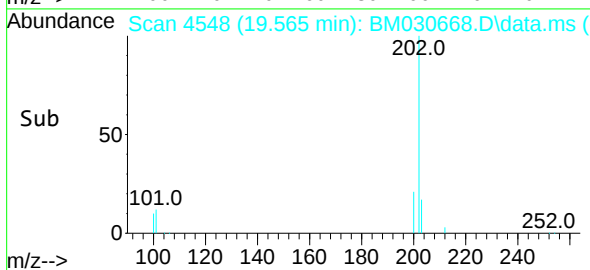
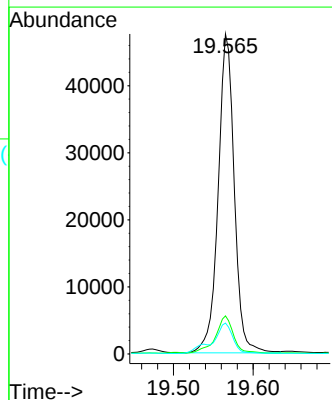
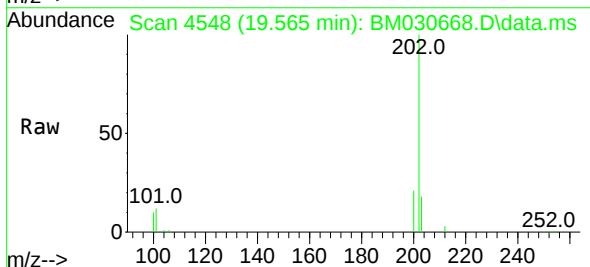
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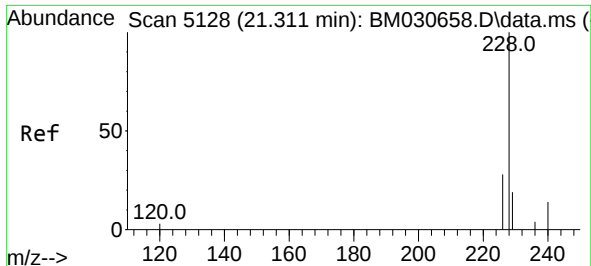
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#20
Pyrene
Concen: 1.518 ng/ul
RT: 19.565 min Scan# 4548
Delta R.T. -0.004 min
Lab File: BM030668.D
Acq: 29 Jun 2021 00:14

Tgt Ion:202 Resp: 66844
Ion Ratio Lower Upper
202 100
101 11.9 10.2 15.4
100 9.7 8.5 12.7





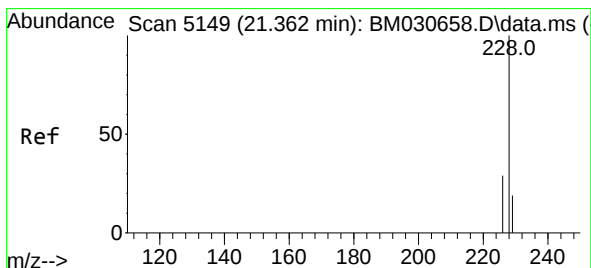
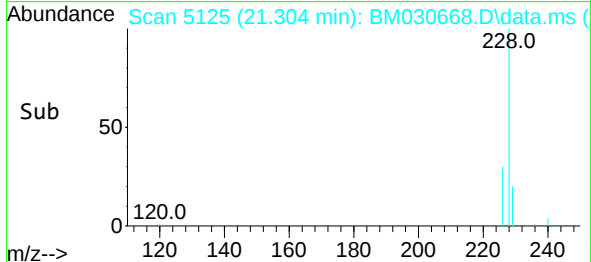
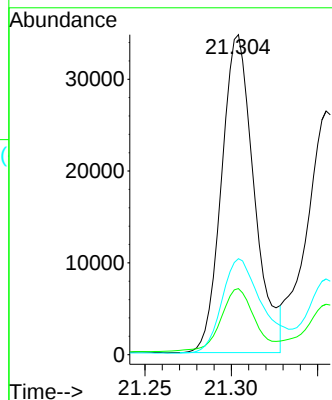
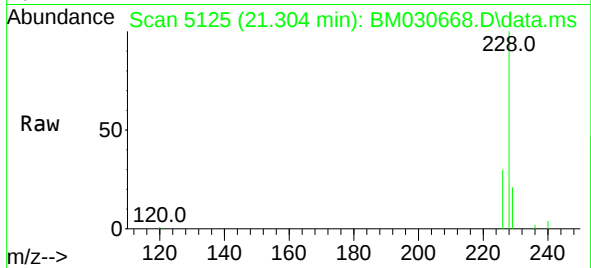
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Benzo(a)anthracene
Concen: 1.152 ng/ul
RT: 21.304 min Scan# 5125
Delta R.T. -0.005 min
Lab File: BM030668.D
Acq: 29 Jun 2021 00:14

Tgt Ion:228 Resp: 45547
Ion Ratio Lower Upper
228 100
229 20.6 16.2 24.2
226 30.0 22.2 33.4

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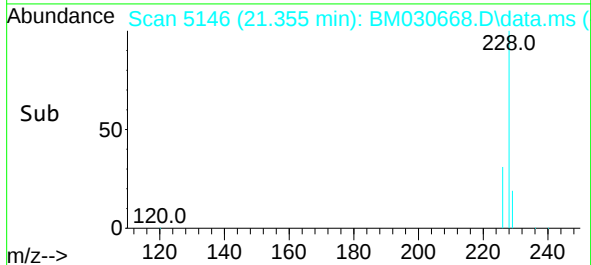
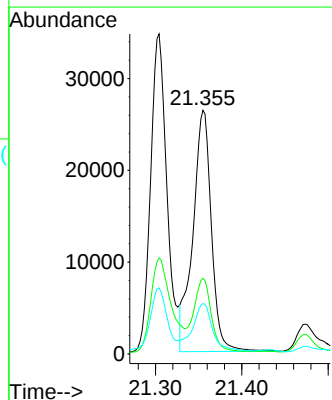
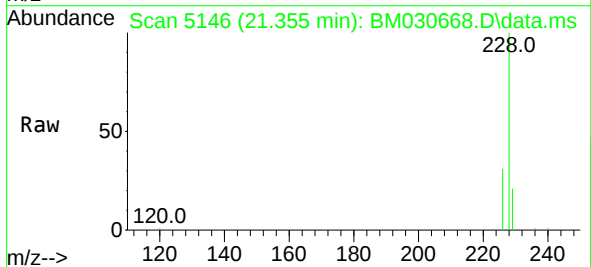
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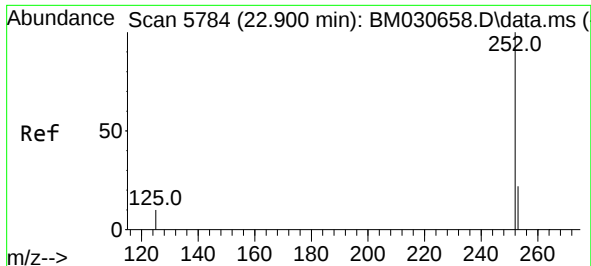
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#22
Chrysene
Concen: 0.886 ng/ul
RT: 21.355 min Scan# 5146
Delta R.T. -0.007 min
Lab File: BM030668.D
Acq: 29 Jun 2021 00:14

Tgt Ion:228 Resp: 39234
Ion Ratio Lower Upper
228 100
226 31.0 24.9 37.3
229 20.7 16.2 24.2





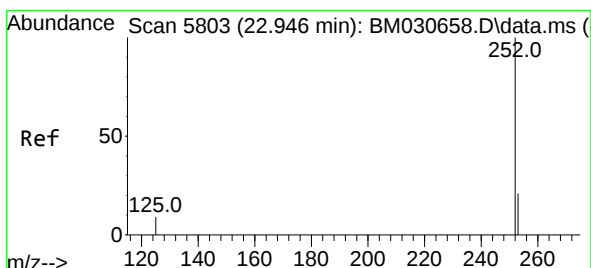
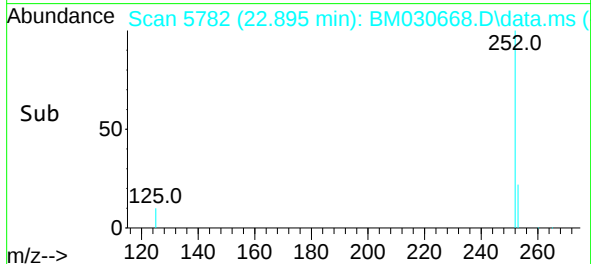
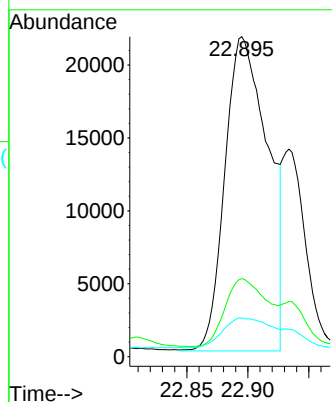
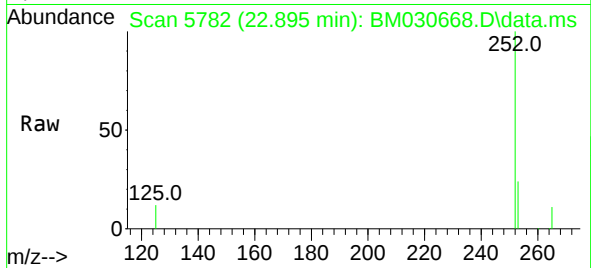
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Benzo(b)fluoranthene
Concen: 1.169 ng/ul m
RT: 22.895 min Scan# 5782
Delta R.T. -0.005 min
Lab File: BM030668.D
Acq: 29 Jun 2021 00:14

Tgt Ion:252	Resp:	52776
Ion Ratio	Lower	Upper
252	100	
253	24.4	0.0 57.8
125	12.1	0.0 33.2

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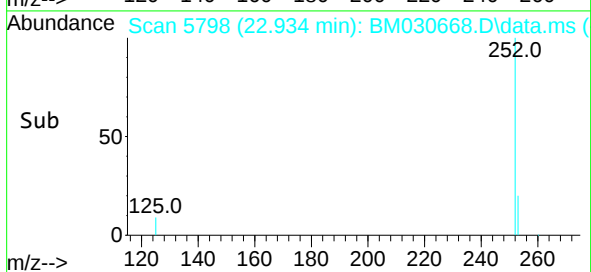
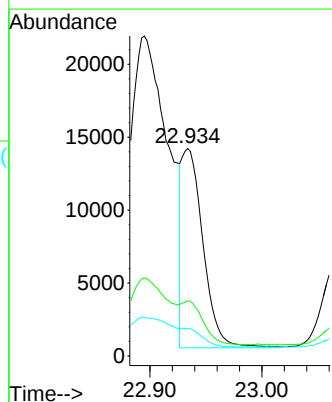
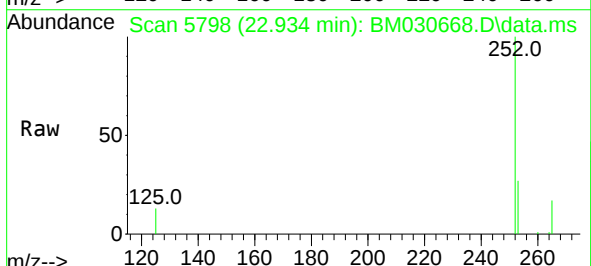
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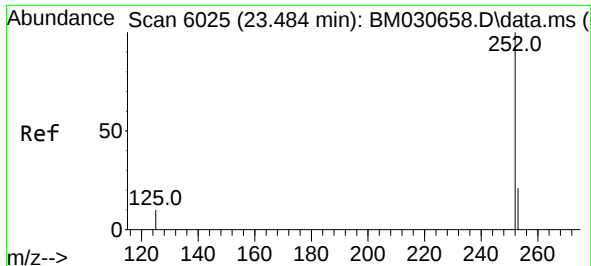
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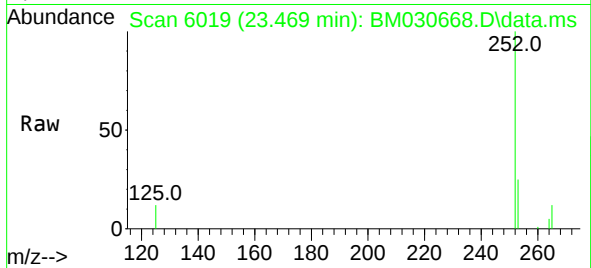
#25
Benzo(k)fluoranthene
Concen: 0.386 ng/ul m
RT: 22.934 min Scan# 5798
Delta R.T. -0.012 min
Lab File: BM030668.D
Acq: 29 Jun 2021 00:14

Tgt Ion:252	Resp:	17965
Ion Ratio	Lower	Upper
252	100	
253	26.6	23.2 34.8
125	13.3	12.6 19.0

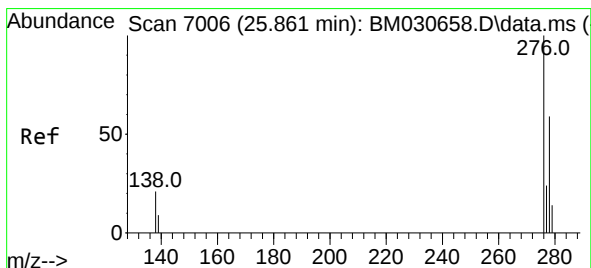
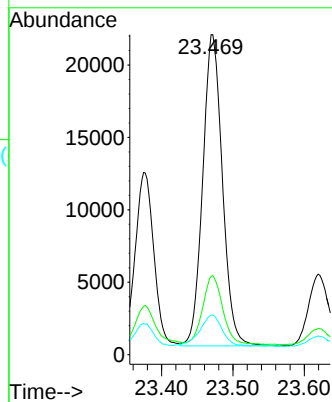
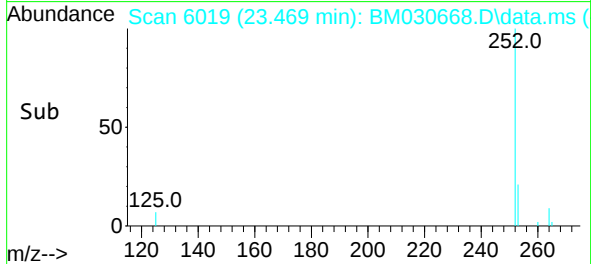




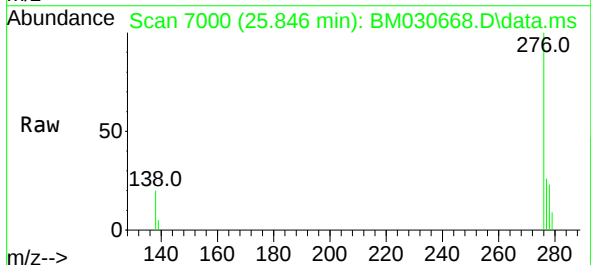
#26
Benzo(a)pyrene
Concen: 1.072 ng/ul
RT: 23.469 min Scan# 6019
Delta R.T. -0.012 min
Lab File: BM030668.D
Acq: 29 Jun 2021 00:14



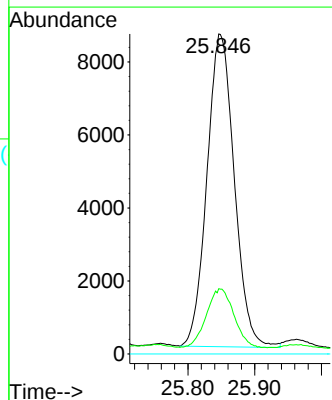
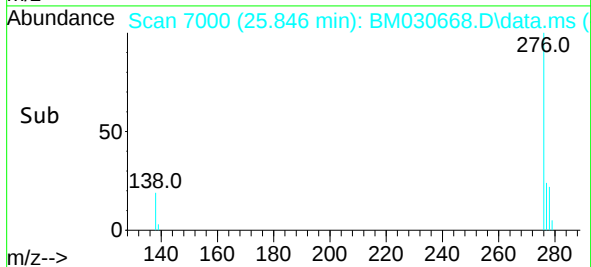
Tgt Ion:252 Resp: 41164
Ion Ratio Lower Upper
252 100
253 24.5 25.5 38.3#
125 12.3 15.8 23.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.487 ng/ul
RT: 25.846 min Scan# 7000
Delta R.T. -0.017 min
Lab File: BM030668.D
Acq: 29 Jun 2021 00:14



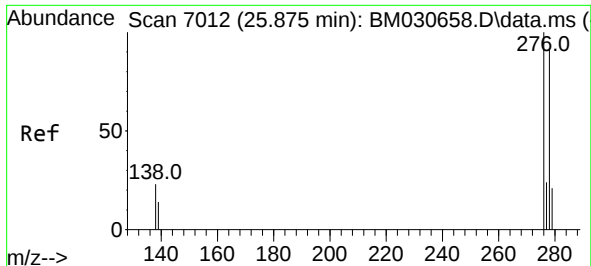
Tgt Ion:276 Resp: 24375
Ion Ratio Lower Upper
276 100
138 19.2 18.2 27.4
227 0.0 0.0 0.0



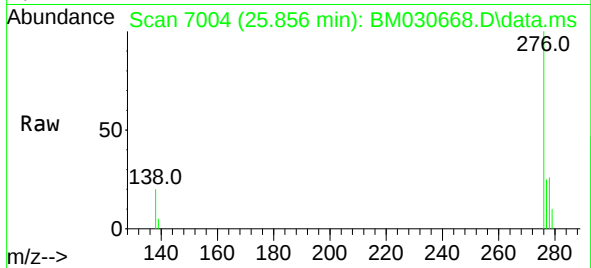
Instrument :
BNA_M
ClientSampleId :
BGDC2DL

Manual Integrations
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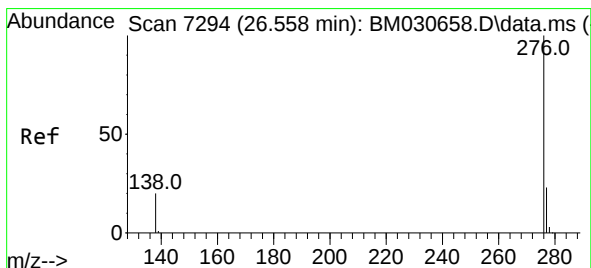
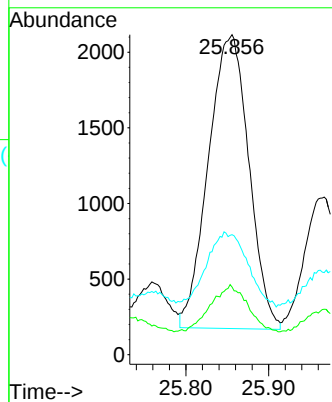
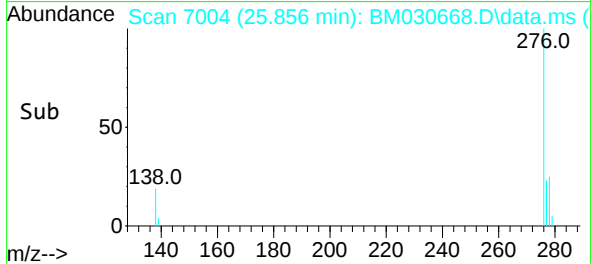
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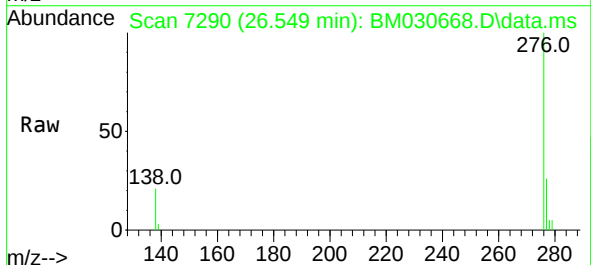
#28
Dibenzo(a,h)anthracene
Concen: 0.165 ng/ul
RT: 25.856 min Scan# 7004
Delta R.T. -0.014 min
Lab File: BM030668.D
Acq: 29 Jun 2021 00:14



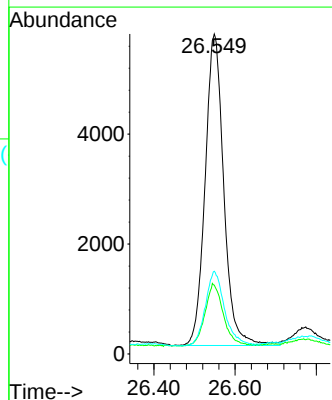
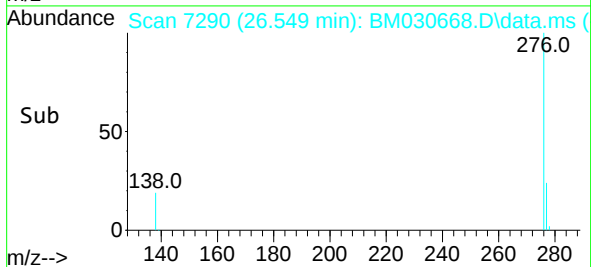
Tgt Ion: 278 Resp: 6604
Ion Ratio Lower Upper
278 100
139 21.2 15.0 22.4
279 37.5 24.3 36.5#



#29
Benzo(g,h,i)perylene
Concen: 0.417 ng/ul
RT: 26.549 min Scan# 7290
Delta R.T. -0.009 min
Lab File: BM030668.D
Acq: 29 Jun 2021 00:14



Tgt Ion: 276 Resp: 18133
Ion Ratio Lower Upper
276 100
138 21.5 18.1 27.1
277 25.8 20.9 31.3



Instrument :
BNA_M
ClientSampleId :
BGDC2DL

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