

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062821\
 Data File : BM030682.D
 Acq On : 29 Jun 2021 09:25
 Operator : CG/JU
 Sample : M2704-05DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGD86DL

Manual Integrations
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Quant Time: Jun 29 10:25:27 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	2526	0.400	ng/ul	0.00
4) Naphthalene-d8	10.577	136	8980	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.417	164	4900	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.152	188	9487	0.400	ng/ul	0.00
17) Chrysene-d12	21.321	240	8758	0.400	ng/ul	0.00
23) Perylene-d12	23.571	264	9494	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.282	96	1695	0.616	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.173	152	573	0.041	ng/ul	0.00
18) Fluoranthene-d10	19.172	212	1253	0.050	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.621	128	1028	0.040	ng/ul#	84
10) Acenaphthylene	14.136	152	1326	0.061	ng/ul#	87
11) Acenaphthene	14.478	153	367	0.021	ng/ul#	93
12) Fluorene	15.463	166	1278	0.065	ng/ul#	98
15) Phenanthrene	17.193	178	13820	0.433	ng/ul	99
16) Anthracene	17.284	178	3982	0.143	ng/ul	97
19) Fluoranthene	19.203	202	22276	0.576	ng/ul	100
20) Pyrene	19.565	202	20394	0.525	ng/ul	98
21) Benzo(a)anthracene	21.304	228	12340	0.353	ng/ul	95
22) Chrysene	21.357	228	10362	0.265	ng/ul	96
24) Benzo(b)fluoranthene	22.895	252	13282m	0.316	ng/ul	
25) Benzo(k)fluoranthene	22.931	252	5305m	0.122	ng/ul	
26) Benzo(a)pyrene	23.472	252	9177	0.257	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.848	276	5727	0.123	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.848	278	1747	0.047	ng/ul#	48
29) Benzo(g,h,i)perylene	26.551	276	4559	0.113	ng/ul#	90

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

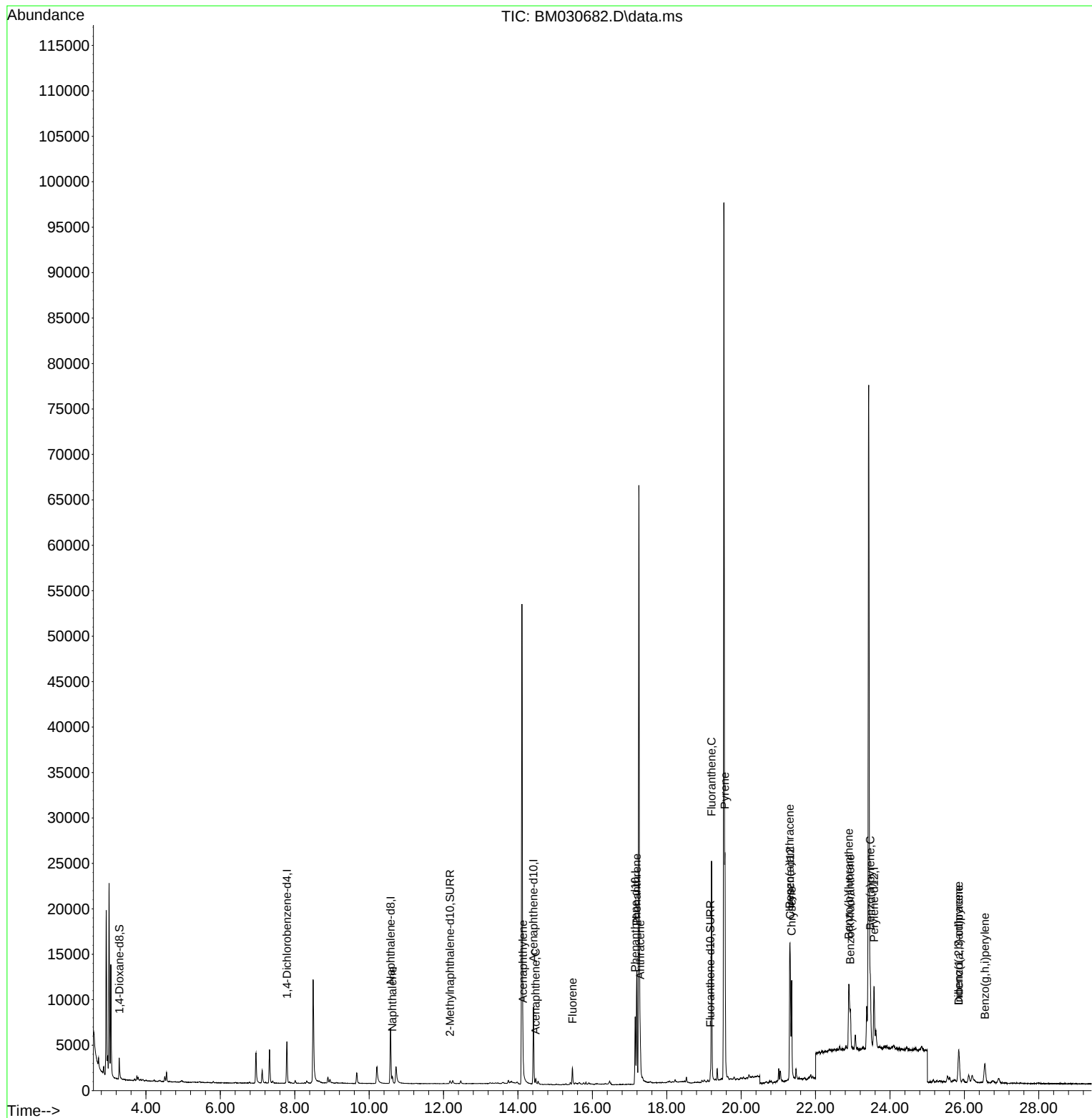
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062821\
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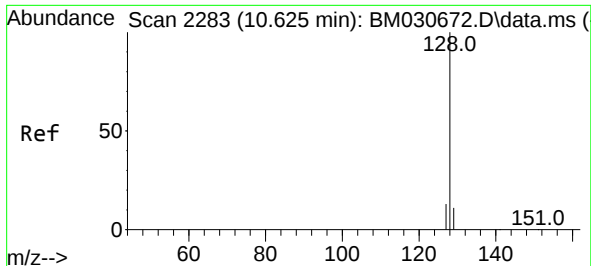
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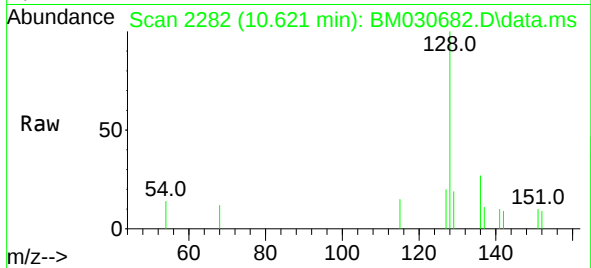
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Quant Time: Jun 29 10:25:27 2021
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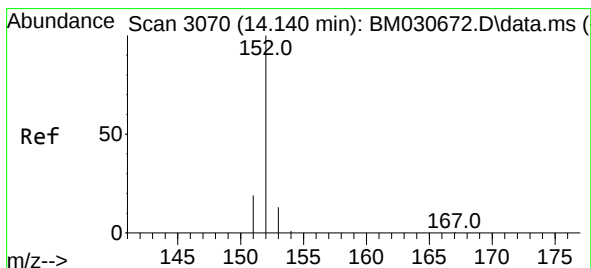
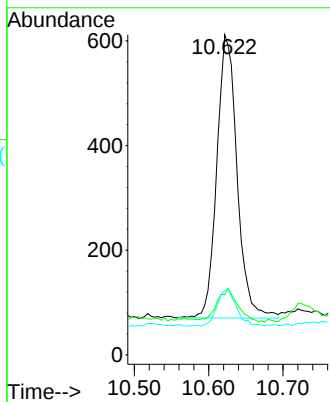
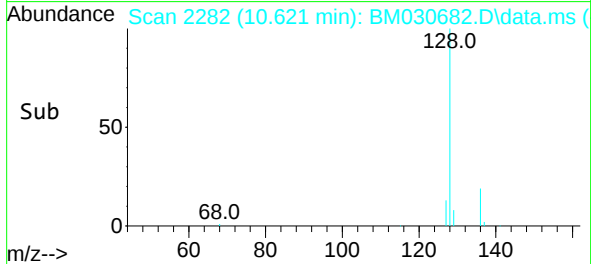




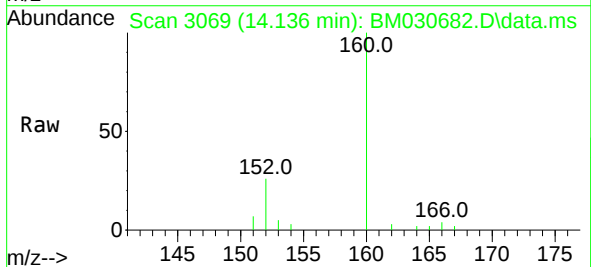
#5
Naphthalene
Concen: 0.040 ng/u1
RT: 10.621 min Scan# 2282
Delta R.T. -0.008 min
Lab File: BM030682.D
Acq: 29 Jun 2021 09:25



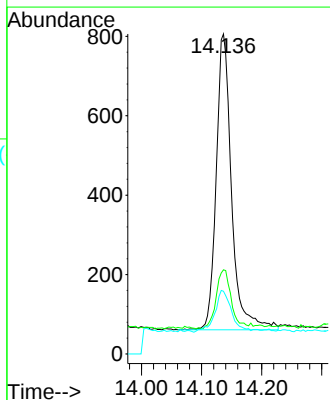
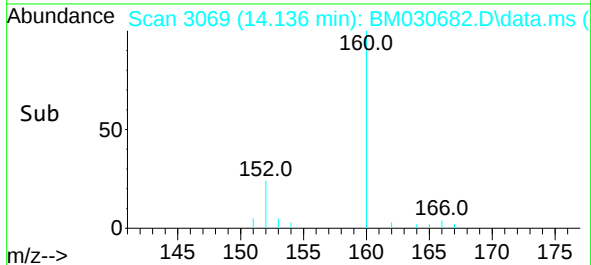
Tgt Ion:128 Resp: 1028
Ion Ratio Lower Upper
128 100
129 18.8 9.5 14.3#
127 20.1 11.2 16.8#



#10
Acenaphthylene
Concen: 0.061 ng/u1
RT: 14.136 min Scan# 3069
Delta R.T. -0.004 min
Lab File: BM030682.D
Acq: 29 Jun 2021 09:25



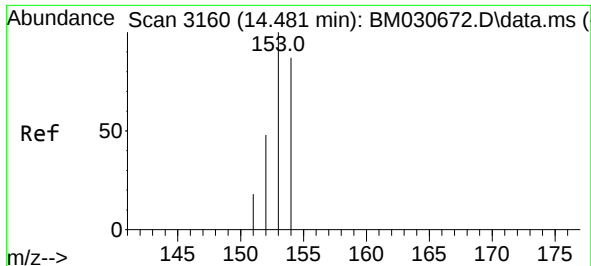
Tgt Ion:152 Resp: 1326
Ion Ratio Lower Upper
152 100
151 26.3 16.2 24.4#
153 19.6 11.4 17.0#



Instrument :
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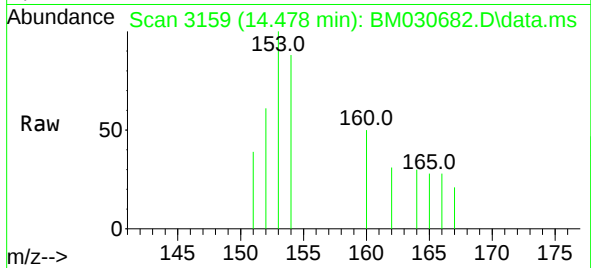
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#11
Acenaphthene
Concen: 0.021 ng/uI
RT: 14.478 min Scan# 3159
Delta R.T. -0.004 min
Lab File: BM030682.D
Acq: 29 Jun 2021 09:25

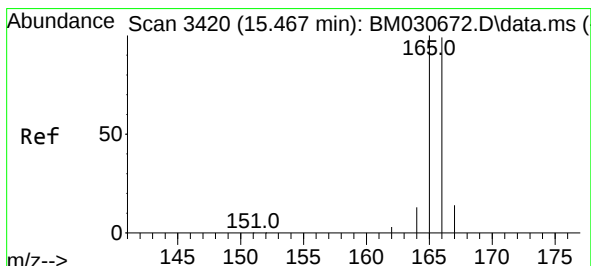
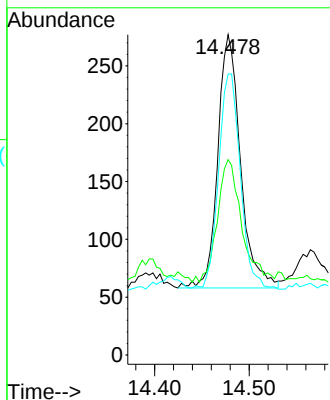
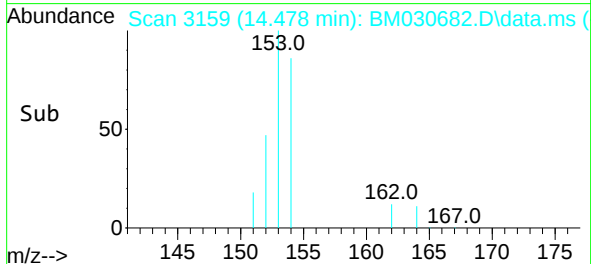
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ClientSampleId :
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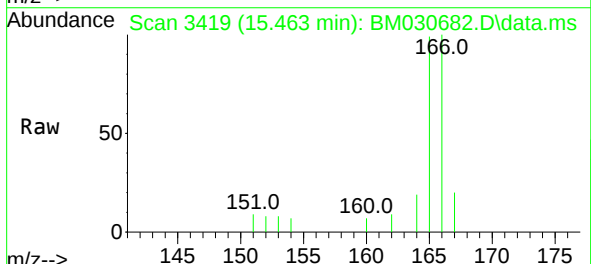
Tgt Ion:153 Resp: 367
Ion Ratio Lower Upper
153 100
152 61.0 39.8 59.6#
154 87.7 68.7 103.1

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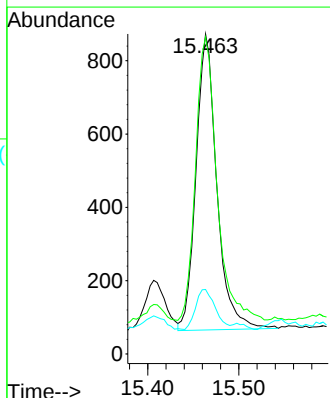
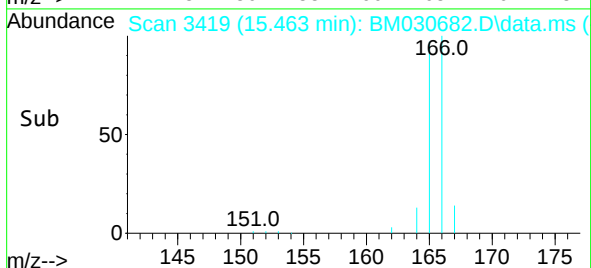
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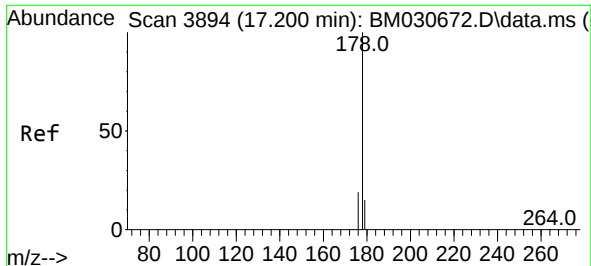


#12
Fluorene
Concen: 0.065 ng/uI
RT: 15.463 min Scan# 3419
Delta R.T. -0.004 min
Lab File: BM030682.D
Acq: 29 Jun 2021 09:25



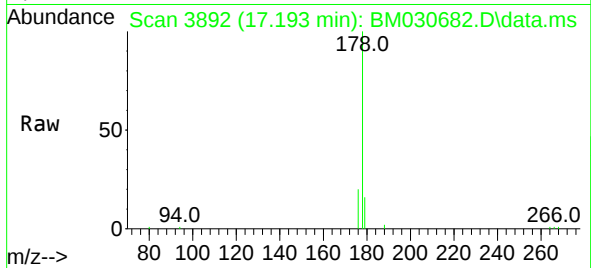
Tgt Ion:166 Resp: 1278
Ion Ratio Lower Upper
166 100
165 99.1 79.1 118.7
167 20.2 12.2 18.2#





#15
Phenanthrene
Concen: 0.433 ng/ul
RT: 17.193 min Scan# 3892
Delta R.T. -0.007 min
Lab File: BM030682.D
Acq: 29 Jun 2021 09:25

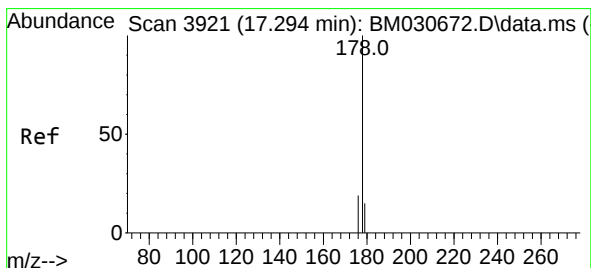
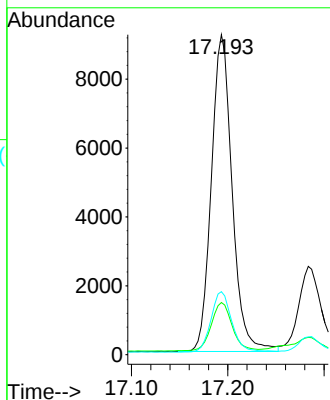
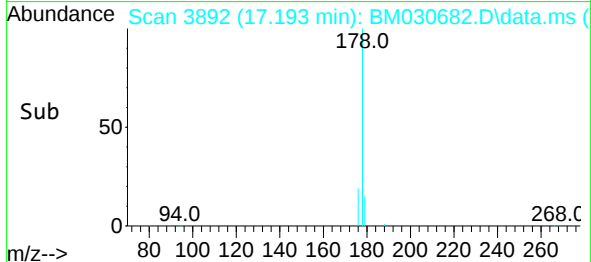
Instrument :
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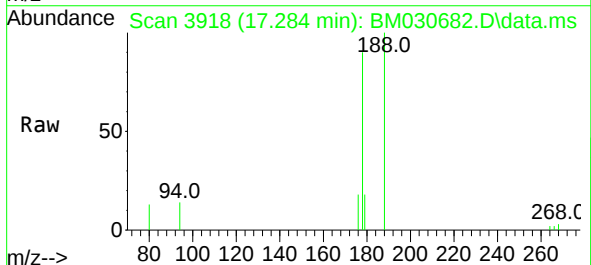
Tgt Ion:178 Resp: 13820
Ion Ratio Lower Upper
178 100
179 16.3 13.3 19.9
176 19.7 16.0 24.0

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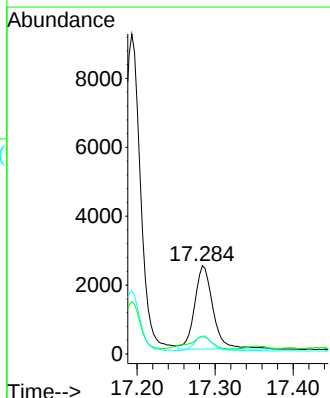
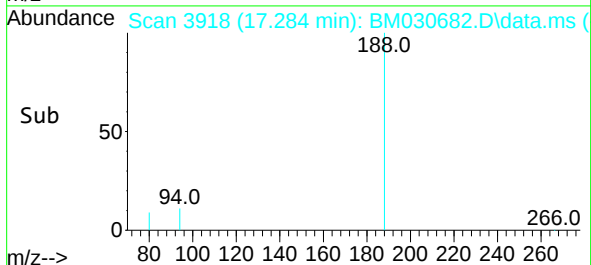
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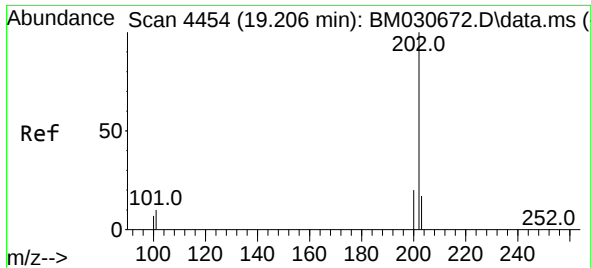


#16
Anthracene
Concen: 0.143 ng/ul
RT: 17.284 min Scan# 3918
Delta R.T. -0.007 min
Lab File: BM030682.D
Acq: 29 Jun 2021 09:25



Tgt Ion:178 Resp: 3982
Ion Ratio Lower Upper
178 100
179 19.6 14.0 21.0
176 20.2 15.8 23.6





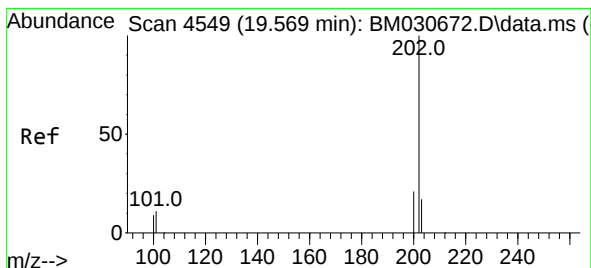
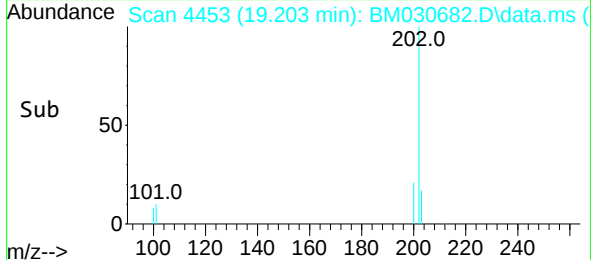
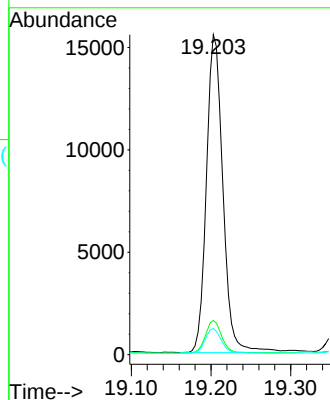
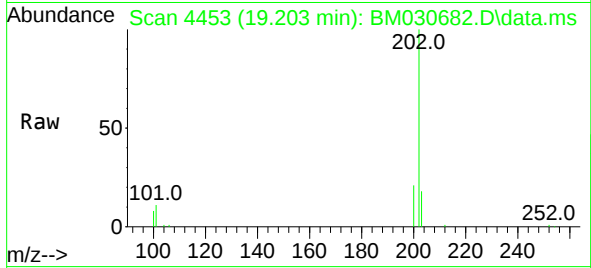
#19
Fluoranthene
Concen: 0.576 ng/u1
RT: 19.203 min Scan# 4453
Delta R.T. -0.008 min
Lab File: BM030682.D
Acq: 29 Jun 2021 09:25

Tgt Ion:	202	Resp:	22276
Ion Ratio	Lower	Upper	
202	100		
101	10.7	8.7	13.1
100	8.2	6.6	9.8

Instrument :
BNA_M
ClientSampleId :
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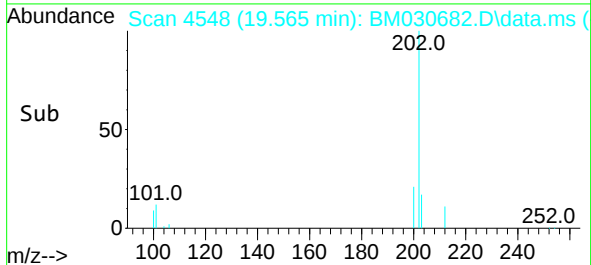
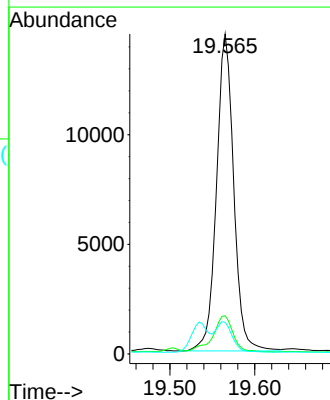
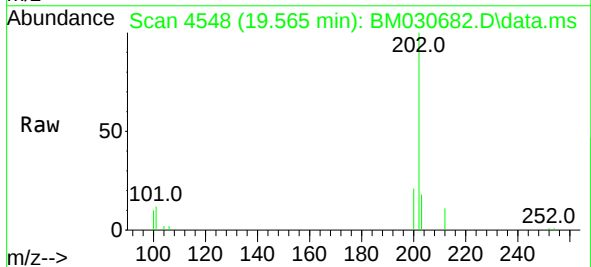
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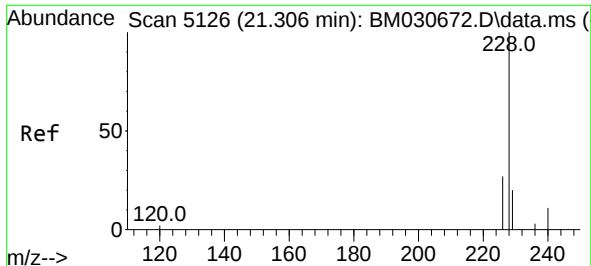
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#20
Pyrene
Concen: 0.525 ng/u1
RT: 19.565 min Scan# 4548
Delta R.T. -0.004 min
Lab File: BM030682.D
Acq: 29 Jun 2021 09:25

Tgt Ion:	202	Resp:	20394
Ion Ratio	Lower	Upper	
202	100		
101	12.0	10.2	15.4
100	9.8	8.5	12.7





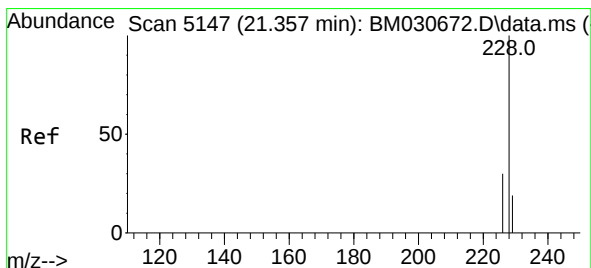
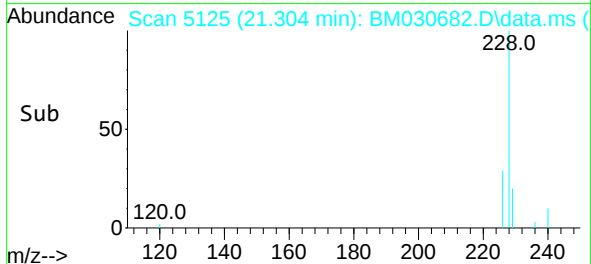
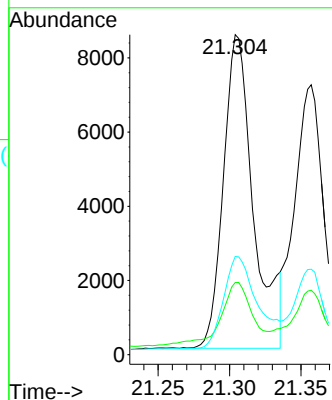
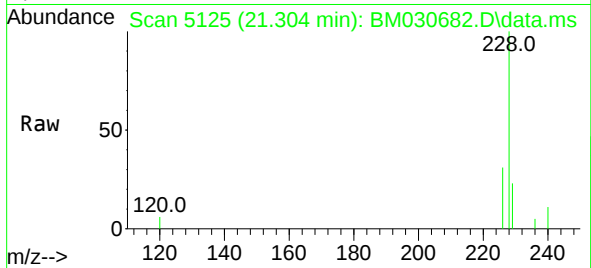
#21
Benzo(a)anthracene
Concen: 0.353 ng/u1
RT: 21.304 min Scan# 5125
Delta R.T. -0.005 min
Lab File: BM030682.D
Acq: 29 Jun 2021 09:25

Tgt Ion:	228	Resp:	12340
Ion Ratio	Lower	Upper	
228	100		
229	22.5	16.2	24.2
226	30.7	22.2	33.4

Instrument :
BNA_M
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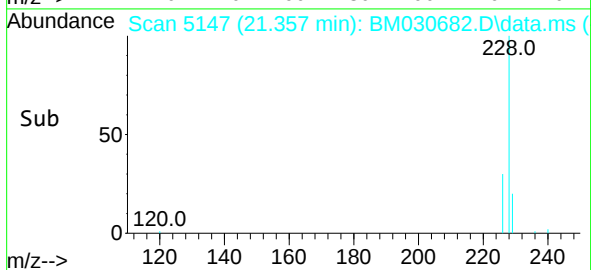
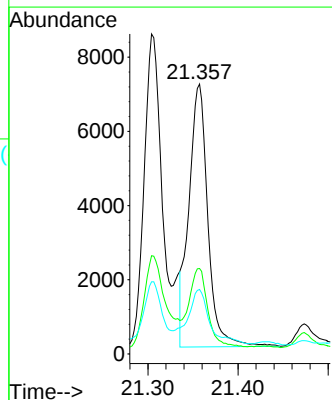
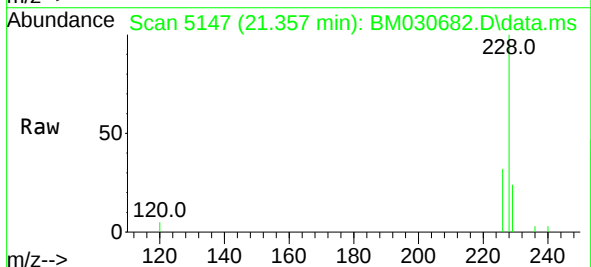
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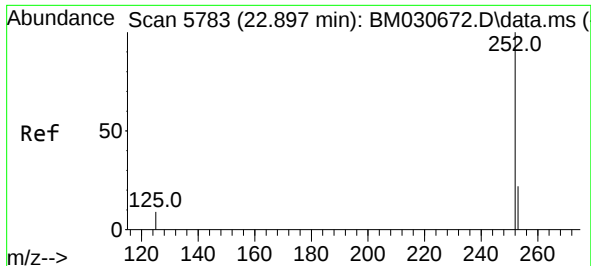
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#22
Chrysene
Concen: 0.265 ng/u1
RT: 21.357 min Scan# 5147
Delta R.T. -0.005 min
Lab File: BM030682.D
Acq: 29 Jun 2021 09:25

Tgt Ion:	228	Resp:	10362
Ion Ratio	Lower	Upper	
228	100		
226	31.6	24.9	37.3
229	23.9	16.2	24.2





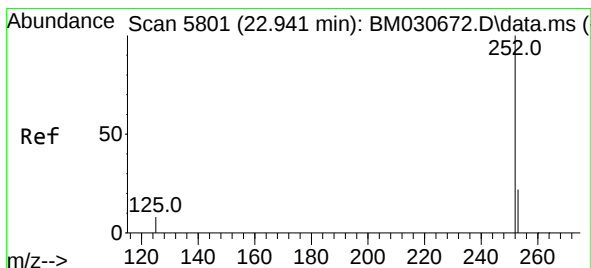
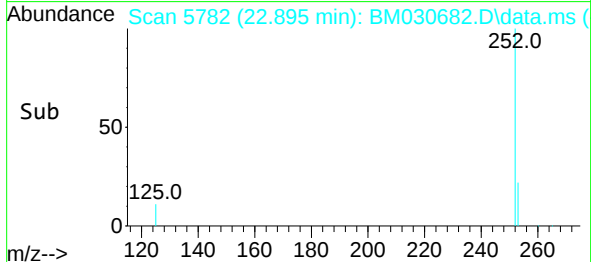
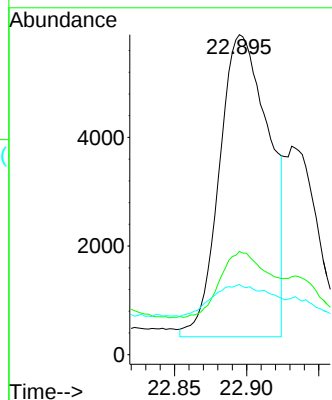
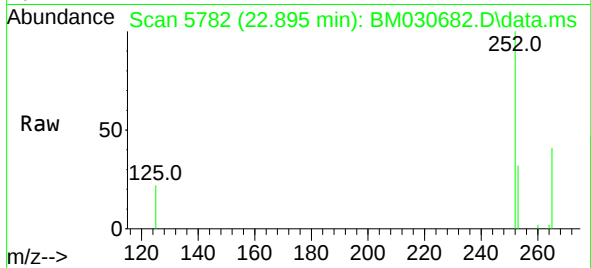
#24
Benzo(b)fluoranthene
Concen: 0.316 ng/ul m
RT: 22.895 min Scan# 5782
Delta R.T. -0.005 min
Lab File: BM030682.D
Acq: 29 Jun 2021 09:25

Tgt Ion:	252	Resp:	13282
Ion Ratio	Lower	Upper	
252	100		
253	32.2	0.0	57.8
125	21.9	0.0	33.2

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BGD86DL

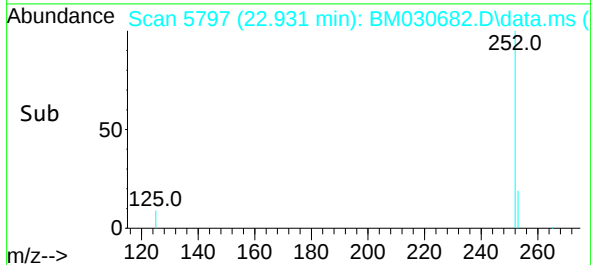
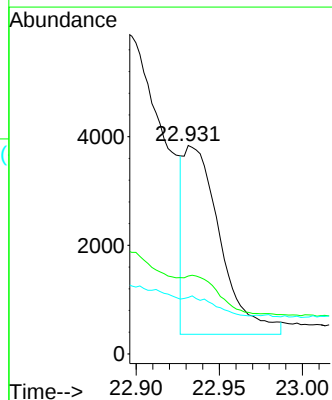
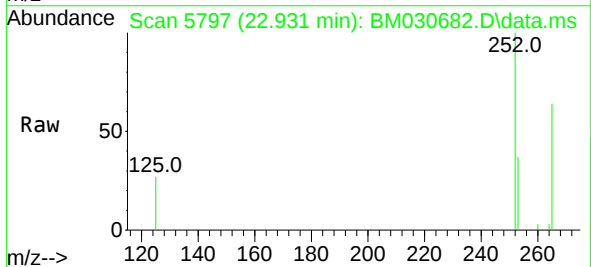
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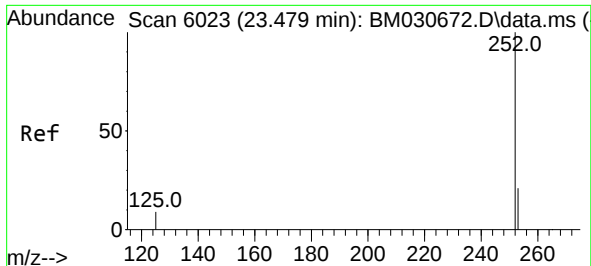
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#25
Benzo(k)fluoranthene
Concen: 0.122 ng/ul m
RT: 22.931 min Scan# 5797
Delta R.T. -0.014 min
Lab File: BM030682.D
Acq: 29 Jun 2021 09:25

Tgt Ion:	252	Resp:	5305
Ion Ratio	Lower	Upper	
252	100		
253	37.4	23.2	34.8#
125	27.1	12.6	19.0#





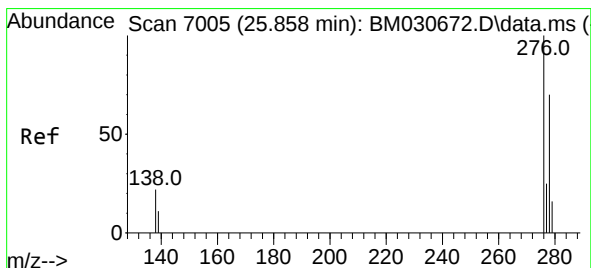
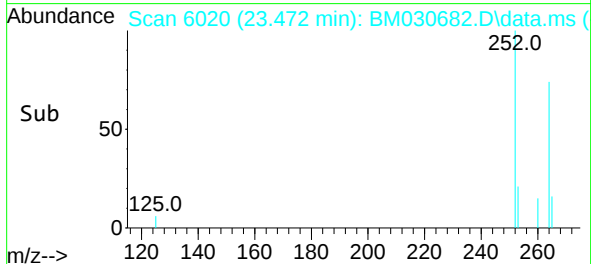
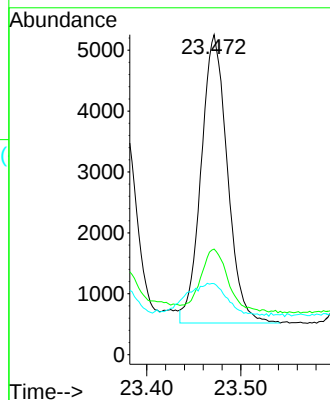
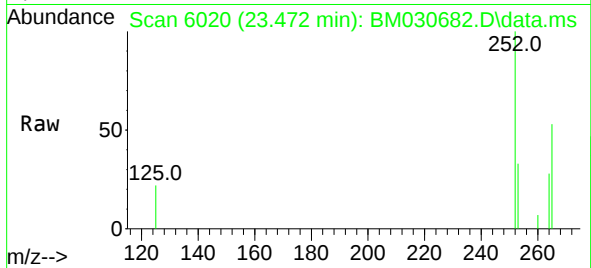
#26
Benzo(a)pyrene
Concen: 0.257 ng/ul
RT: 23.472 min Scan# 6020
Delta R.T. -0.010 min
Lab File: BM030682.D
Acq: 29 Jun 2021 09:25

Tgt Ion:	252	Resp:	9177
Ion Ratio	Lower	Upper	
252	100		
253	33.0	25.5	38.3
125	22.2	15.8	23.6

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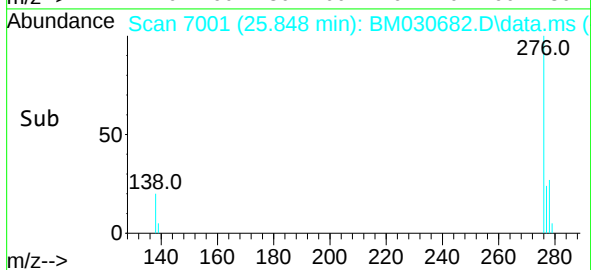
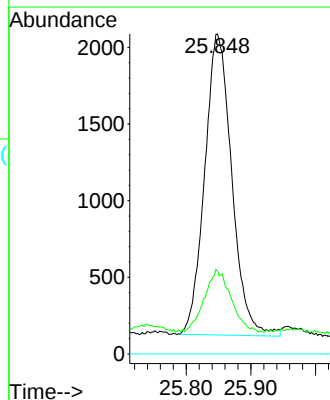
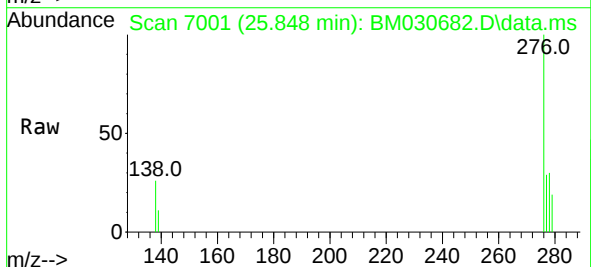
Manual Integrations
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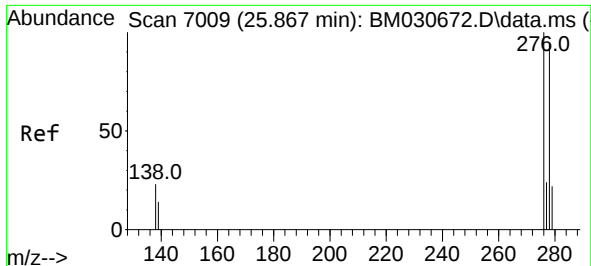
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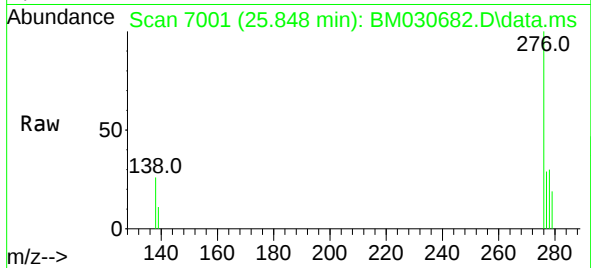
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.123 ng/ul
RT: 25.848 min Scan# 7001
Delta R.T. -0.014 min
Lab File: BM030682.D
Acq: 29 Jun 2021 09:25

Tgt Ion:	276	Resp:	5727
Ion Ratio	Lower	Upper	
276	100		
138	20.4	18.2	27.4
227	0.0	0.0	0.0

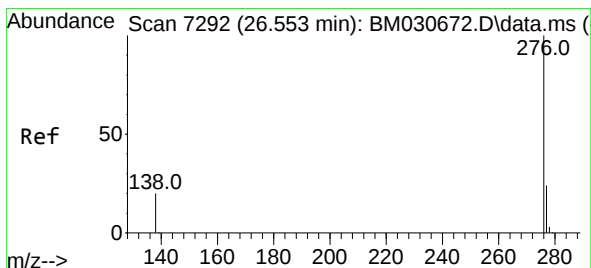
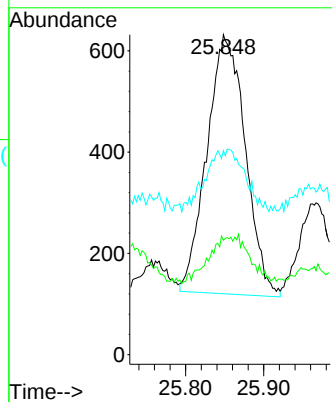
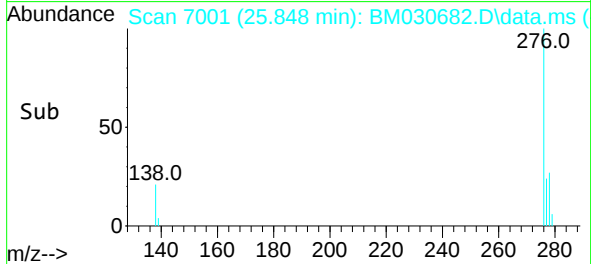




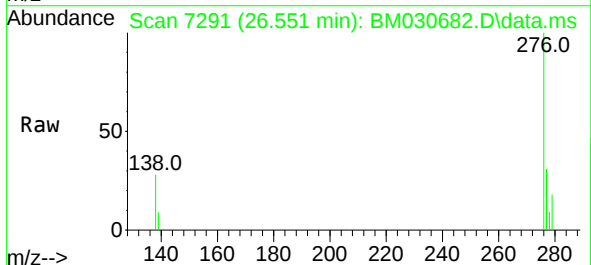
#28
Dibenzo(a,h)anthracene
Concen: 0.047 ng/ul
RT: 25.848 min Scan# 7001
Delta R.T. -0.022 min
Lab File: BM030682.D
Acq: 29 Jun 2021 09:25



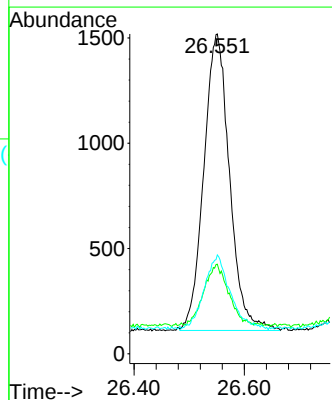
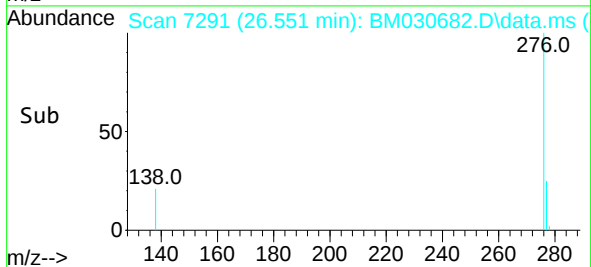
Tgt Ion: 278 Resp: 1747
Ion Ratio Lower Upper
278 100
139 35.8 15.0 22.4#
279 63.8 24.3 36.5#



#29
Benzo(g,h,i)perylene
Concen: 0.113 ng/ul
RT: 26.551 min Scan# 7291
Delta R.T. -0.007 min
Lab File: BM030682.D
Acq: 29 Jun 2021 09:25



Tgt Ion: 276 Resp: 4559
Ion Ratio Lower Upper
276 100
138 28.0 18.1 27.1#
277 30.9 20.9 31.3



Instrument :
BNA_M
ClientSampleId :
BGD86DL

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