

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
 Data File : BM031382.D
 Acq On : 02 Aug 2021 19:10
 Operator : CG/JU
 Sample : M3123-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0065

Manual Integrations
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Quant Time: Aug 03 02:06:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 02 11:29:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.601	152	1587	0.40	ng/ul	0.00
4) Naphthalene-d8	10.361	136	5918	0.40	ng/ul	# 0.00
9) Acenaphthene-d10	14.231	164	3562	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.982	188	6467	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.171	240	4881	0.40	ng/ul	0.00
23) Perylene-d12	23.331	264	4648	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.192	96	1710	0.97	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.957	152	1271	0.13	ng/ul	0.00
18) Fluoranthene-d10	19.012	212	2331	0.14	ng/ul	0.00
Target Compounds				Qvalue		
5) Naphthalene	10.410	128	7496	0.43	ng/ul	100
7) 2-Methylnaphthalene	12.029	142	10732	0.89	ng/ul	99
8) 1-Methylnaphthalene	12.254	142	6325	0.53	ng/ul	99
10) Acenaphthylene	13.954	152	517	0.03	ng/ul#	66
11) Acenaphthene	14.326	153	508m	0.04	ng/ul	
12) Fluorene	15.285	166	511	0.03	ng/ul#	57
15) Phenanthrene	17.020	178	18781	0.91	ng/ul	98
16) Anthracene	17.110	178	640	0.03	ng/ul#	73
19) Fluoranthene	19.043	202	5966	0.29	ng/ul#	94
20) Pyrene	19.405	202	5203	0.25	ng/ul#	92
21) Benzo(a)anthracene	21.154	228	2223	0.11	ng/ul#	78
22) Chrysene	21.205	228	7582	0.37	ng/ul#	95
24) Benzo(b)fluoranthene	22.689	252	4366m	0.21	ng/ul	
25) Benzo(k)fluoranthene	22.730	252	1091m	0.05	ng/ul	
26) Benzo(a)pyrene	23.237	252	1559	0.09	ng/ul#	37
27) Indeno(1,2,3-cd)pyrene	25.470	276	1400	0.06	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.478	278	562	0.03	ng/ul#	1

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

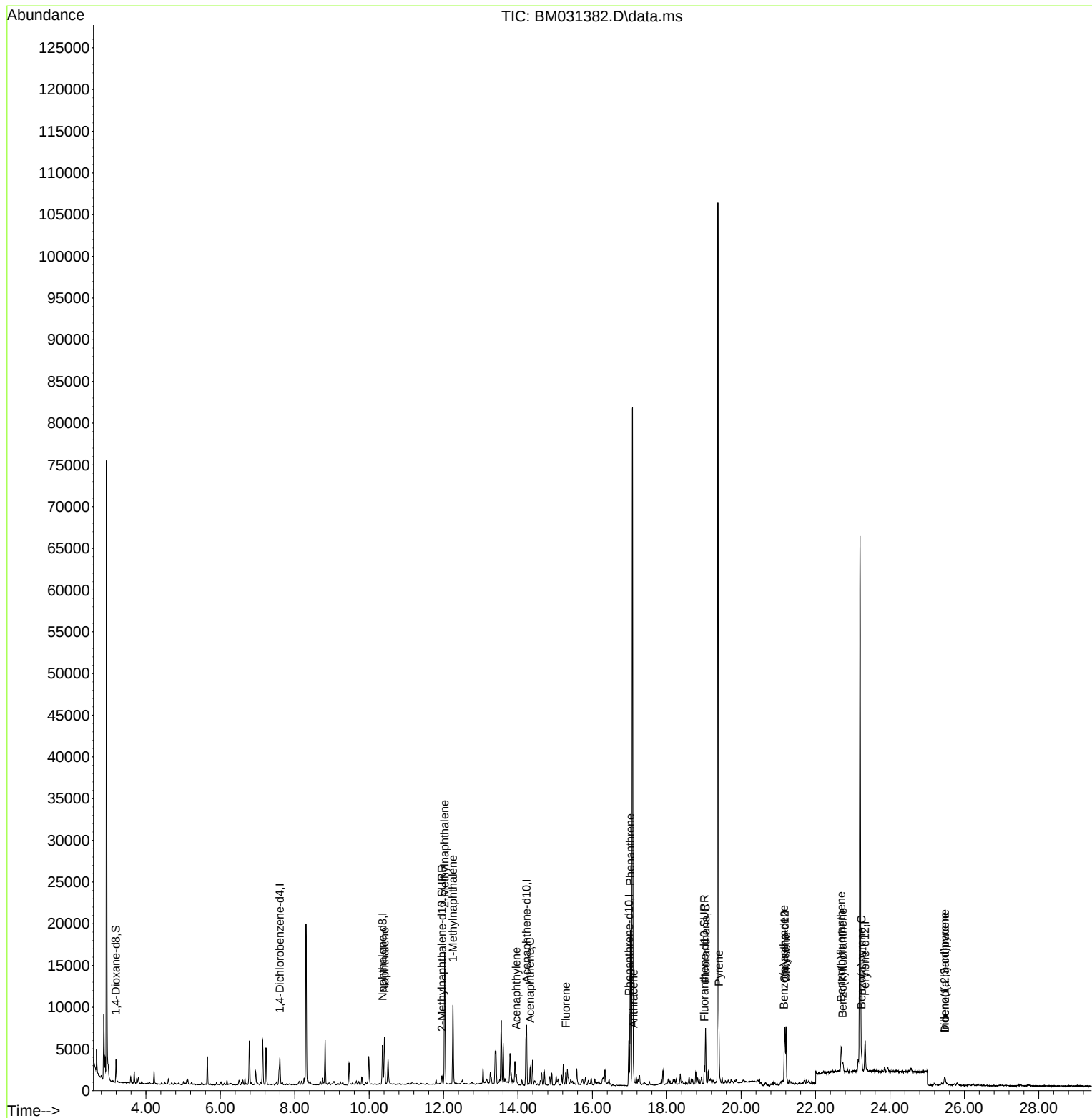
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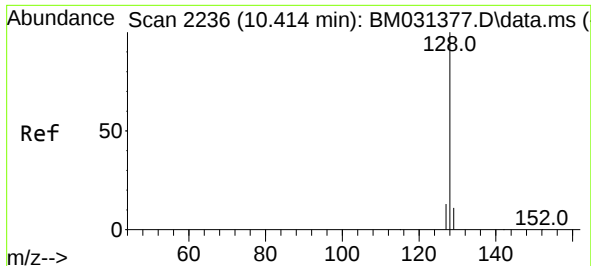
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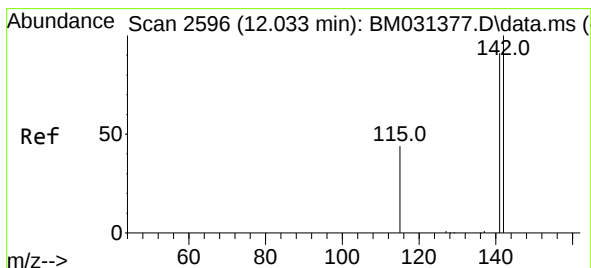
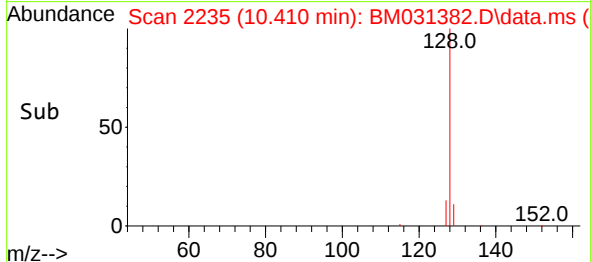
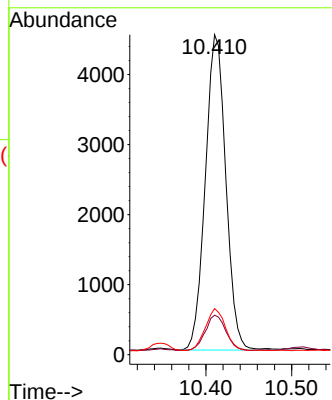
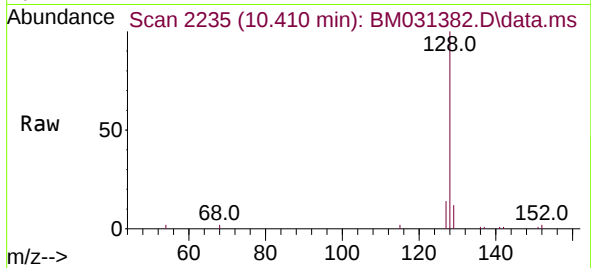
#5
Naphthalene
Concen: 0.43 ng/ul
RT: 10.410 min Scan# 2235
Delta R.T. 0.000 min
Lab File: BM031382.D
Acq: 02 Aug 2021 19:10

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.4	10.0	15.0
127	14.4	11.6	17.4

Instrument :
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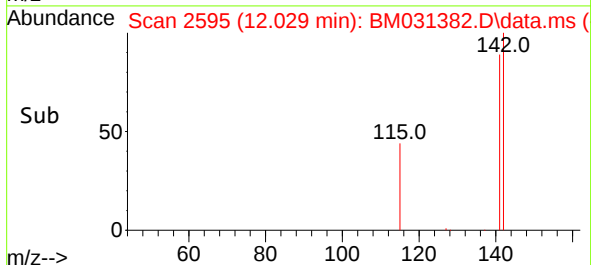
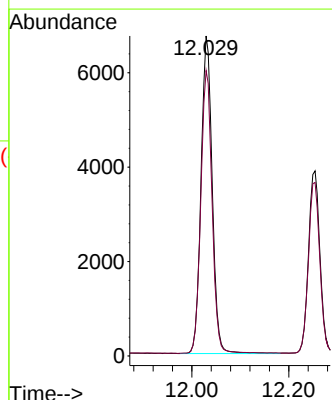
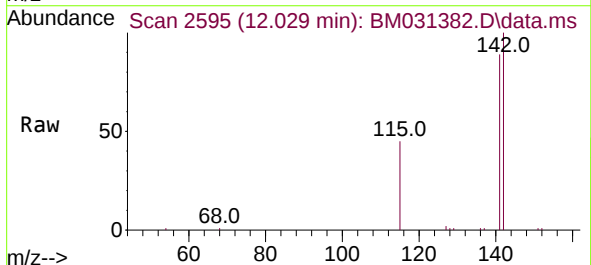
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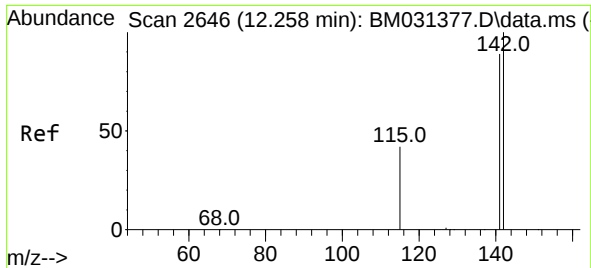
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#7
2-Methylnaphthalene
Concen: 0.89 ng/ul
RT: 12.029 min Scan# 2595
Delta R.T. -0.004 min
Lab File: BM031382.D
Acq: 02 Aug 2021 19:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.4	107.0





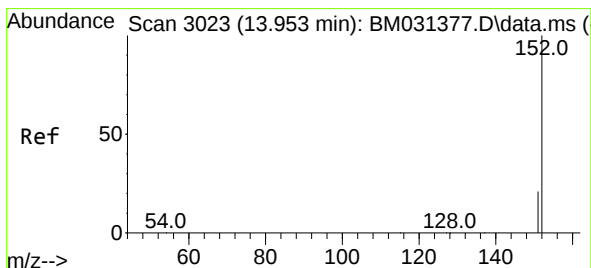
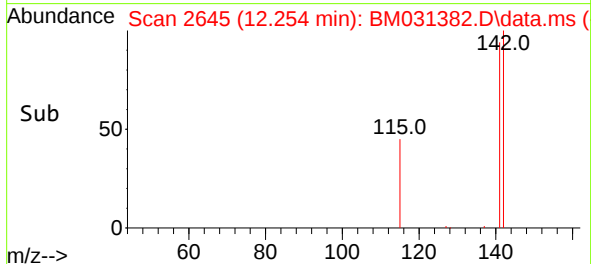
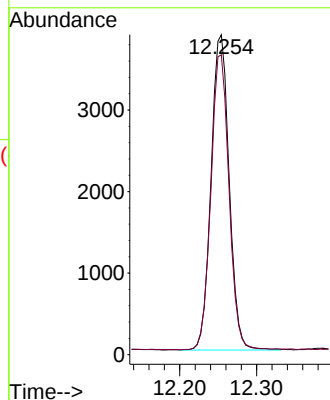
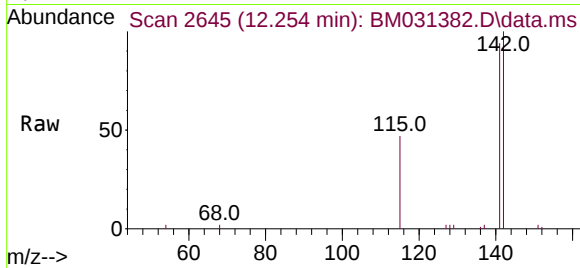
#8
1-Methylnaphthalene
Concen: 0.53 ng/ul
RT: 12.254 min Scan# 2645
Delta R.T. 0.000 min
Lab File: BM031382.D
Acq: 02 Aug 2021 19:10

Tgt Ion:142 Resp: 6325
Ion Ratio Lower Upper
142 100
141 93.7 74.1 111.1

Instrument :
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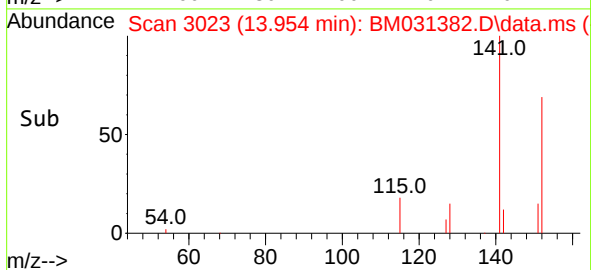
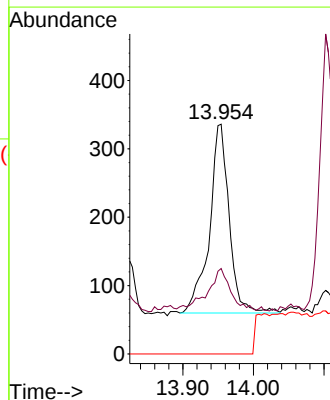
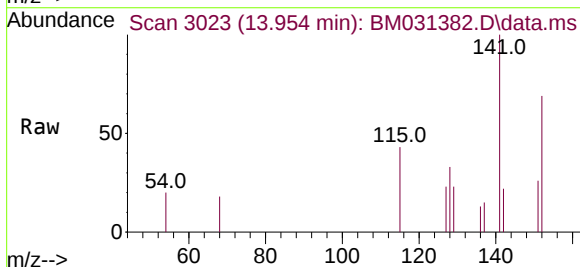
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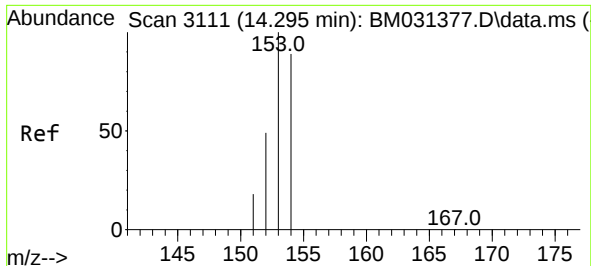
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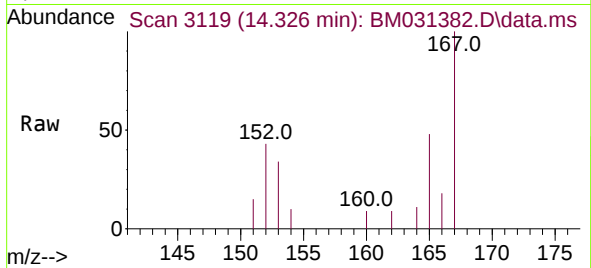
#10
Acenaphthylene
Concen: 0.03 ng/ul
RT: 13.954 min Scan# 3023
Delta R.T. 0.000 min
Lab File: BM031382.D
Acq: 02 Aug 2021 19:10

Tgt Ion:152 Resp: 517
Ion Ratio Lower Upper
152 100
151 37.2 16.9 25.3#
153 0.0 0.0 0.0

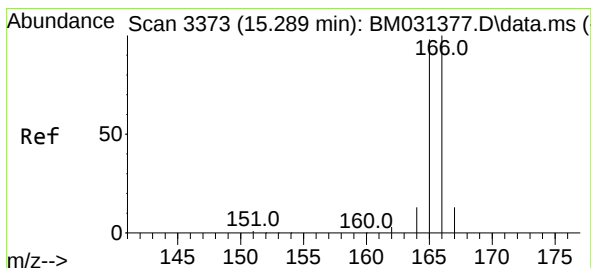
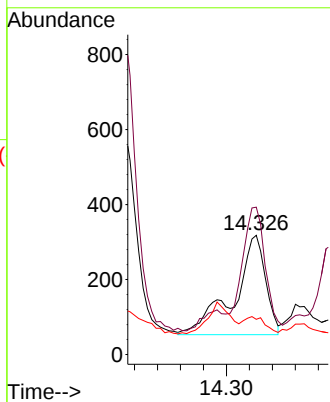
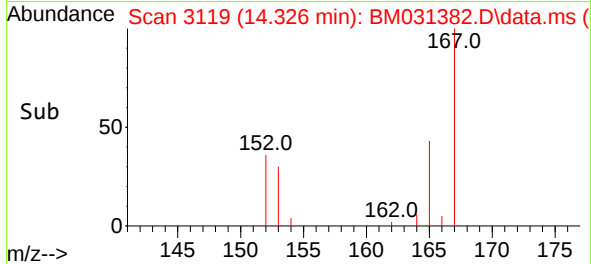




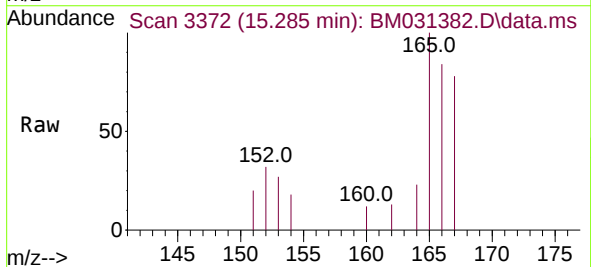
#11
Acenaphthene
Concen: 0.04 ng/ul m
RT: 14.326 min Scan# 3119
Delta R.T. 0.030 min
Lab File: BM031382.D
Acq: 02 Aug 2021 19:10



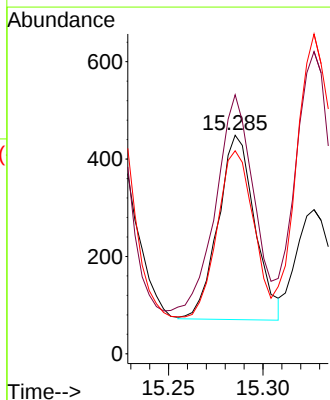
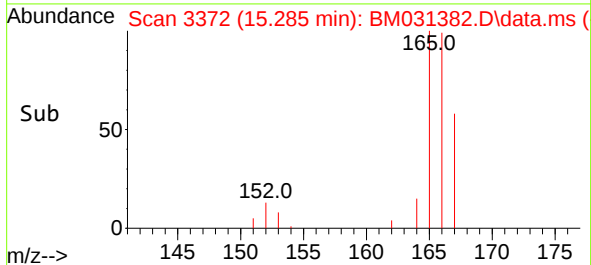
Tgt Ion:153 Resp: 508
Ion Ratio Lower Upper
153 100
152 123.6 40.7 61.1#
154 29.6 70.2 105.2#



#12
Fluorene
Concen: 0.03 ng/ul
RT: 15.285 min Scan# 3372
Delta R.T. 0.000 min
Lab File: BM031382.D
Acq: 02 Aug 2021 19:10



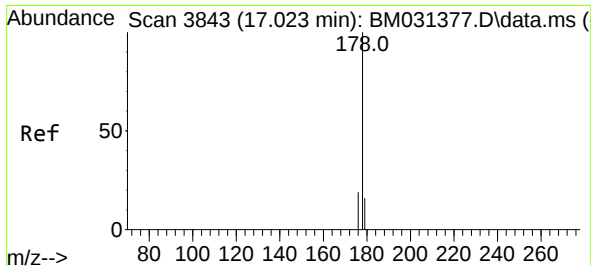
Tgt Ion:166 Resp: 511
Ion Ratio Lower Upper
166 100
165 118.5 78.0 117.0#
167 92.9 12.0 18.0#



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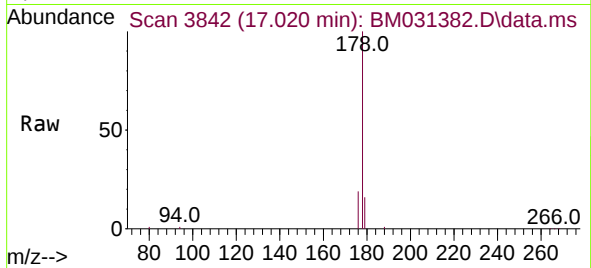
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#15
Phenanthrene
Concen: 0.91 ng/ul
RT: 17.020 min Scan# 3842
Delta R.T. -0.003 min
Lab File: BM031382.D
Acq: 02 Aug 2021 19:10

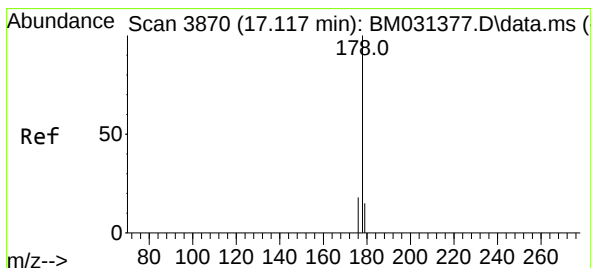
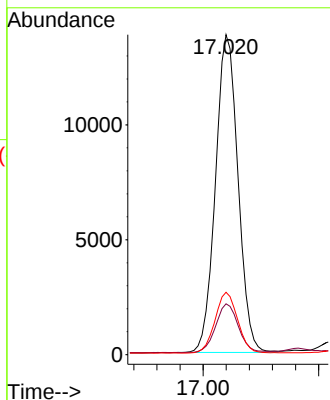
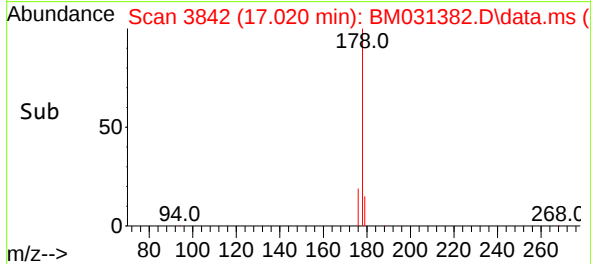
Instrument :
BNA_M
ClientSampled :
C0065



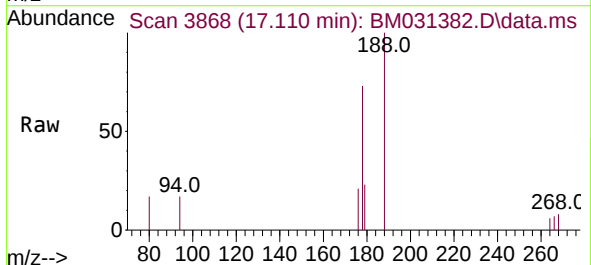
Tgt Ion:178 Resp: 18781
Ion Ratio Lower Upper
178 100
179 15.9 13.3 19.9
176 19.5 16.2 24.4

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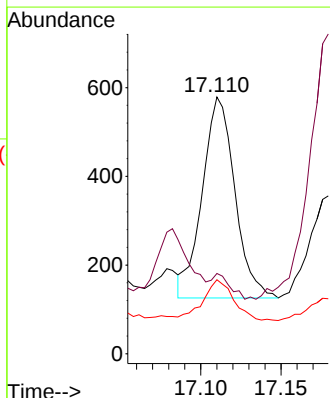
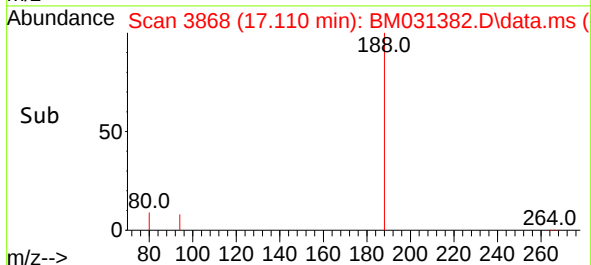
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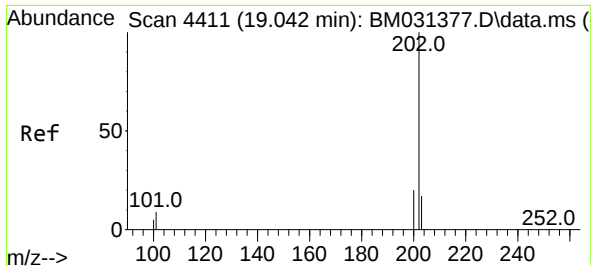


#16
Anthracene
Concen: 0.03 ng/ul
RT: 17.110 min Scan# 3868
Delta R.T. -0.003 min
Lab File: BM031382.D
Acq: 02 Aug 2021 19:10

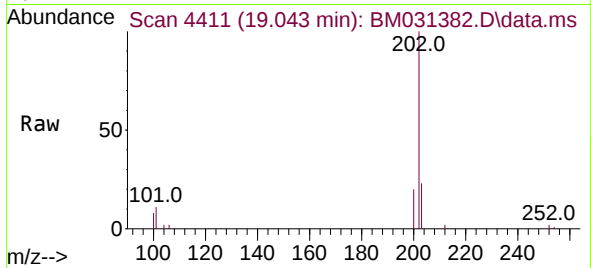


Tgt Ion:178 Resp: 640
Ion Ratio Lower Upper
178 100
179 31.3 13.0 19.6#
176 28.8 15.6 23.4#

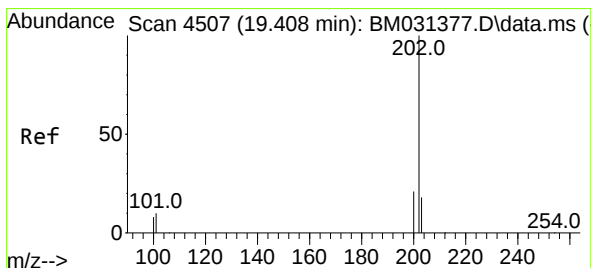
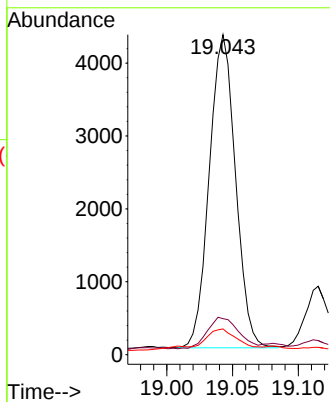
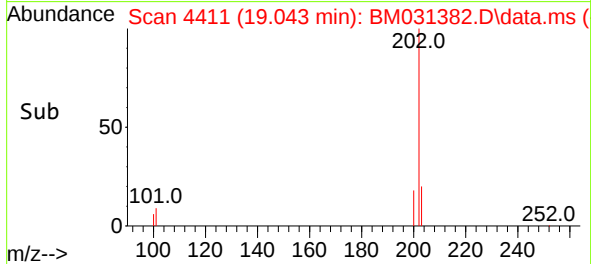




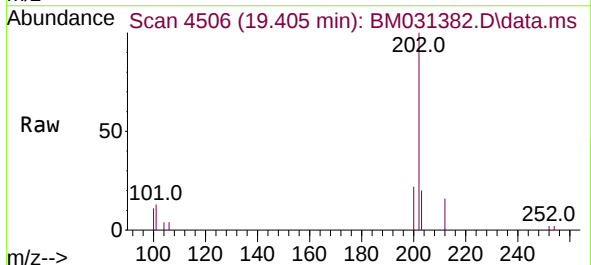
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Fluoranthene
Concen: 0.29 ng/ul
RT: 19.043 min Scan# 4411
Delta R.T. 0.000 min
Lab File: BM031382.D
Acq: 02 Aug 2021 19:10



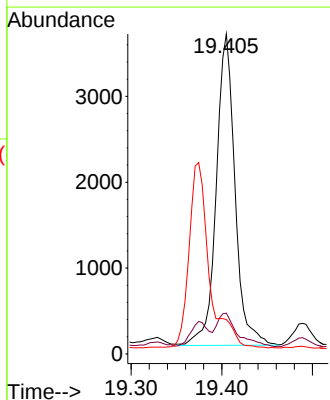
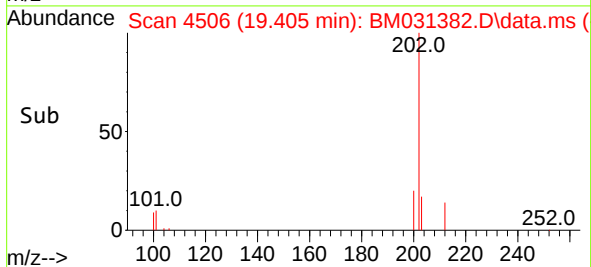
Tgt Ion:202 Resp: 5966
Ion Ratio Lower Upper
202 100
101 11.2 6.6 10.0#
100 8.0 5.4 8.0#



#20
Pyrene
Concen: 0.25 ng/ul
RT: 19.405 min Scan# 4506
Delta R.T. -0.004 min
Lab File: BM031382.D
Acq: 02 Aug 2021 19:10



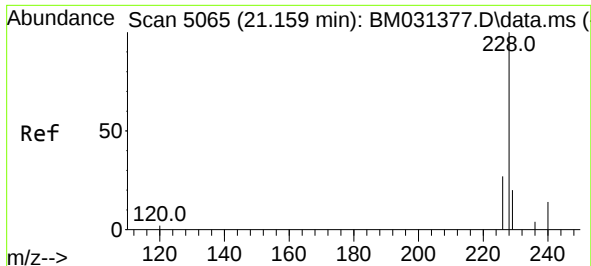
Tgt Ion:202 Resp: 5203
Ion Ratio Lower Upper
202 100
101 12.7 7.8 11.6#
100 10.7 6.6 10.0#



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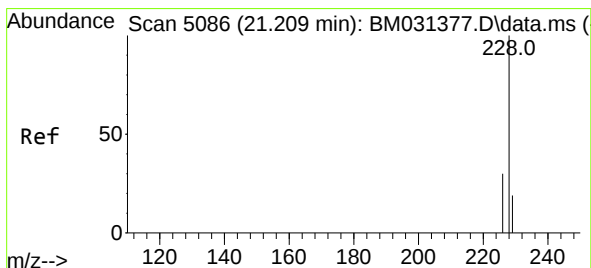
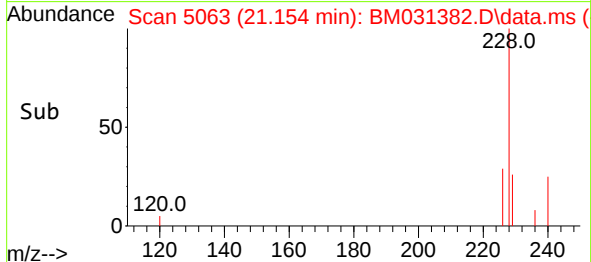
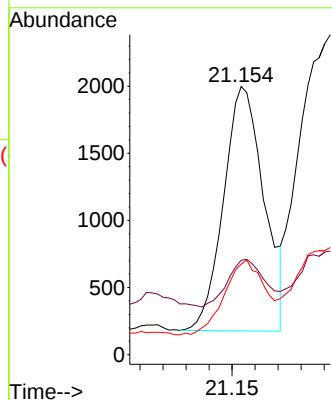
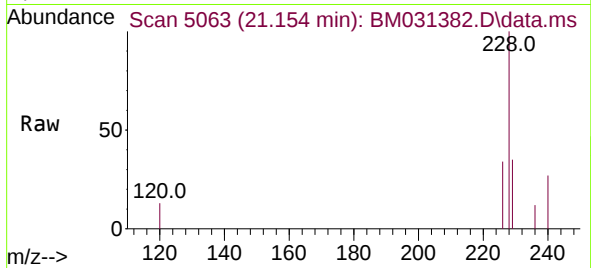
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Benzo(a)anthracene
Concen: 0.11 ng/u1
RT: 21.154 min Scan# 5063
Delta R.T. -0.005 min
Lab File: BM031382.D
Acq: 02 Aug 2021 19:10

Tgt Ion:228 Resp: 2223
Ion Ratio Lower Upper
228 100
229 35.2 15.6 23.4#
226 33.7 21.7 32.5#

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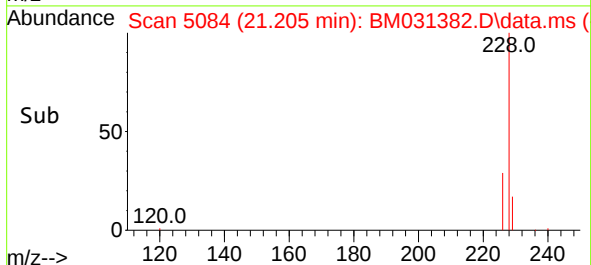
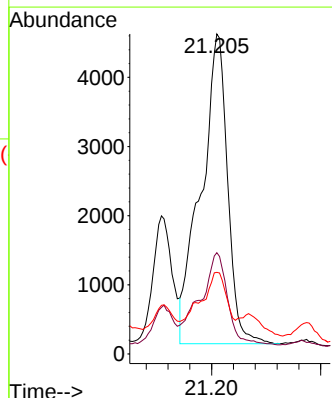
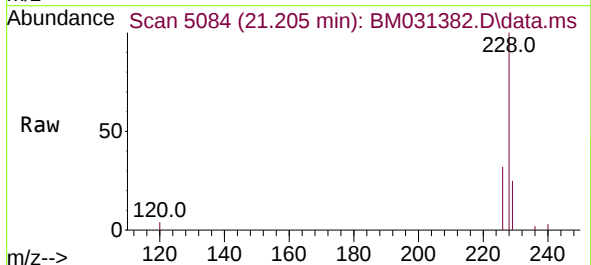
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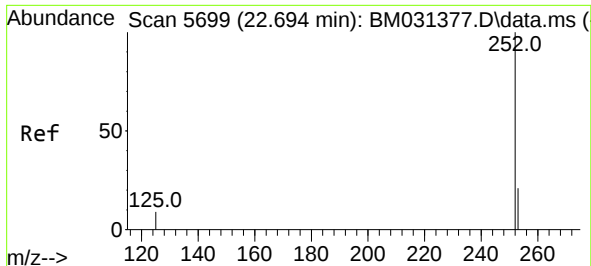
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#22
Chrysene
Concen: 0.37 ng/u1
RT: 21.205 min Scan# 5084
Delta R.T. -0.005 min
Lab File: BM031382.D
Acq: 02 Aug 2021 19:10

Tgt Ion:228 Resp: 7582
Ion Ratio Lower Upper
228 100
226 31.7 24.7 37.1
229 25.5 16.2 24.2#





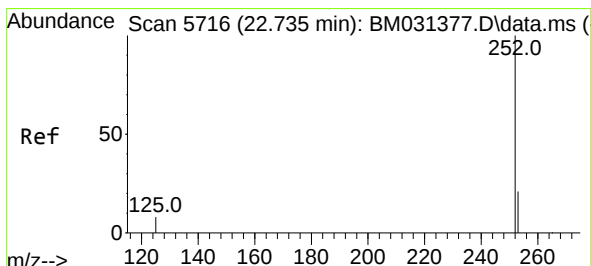
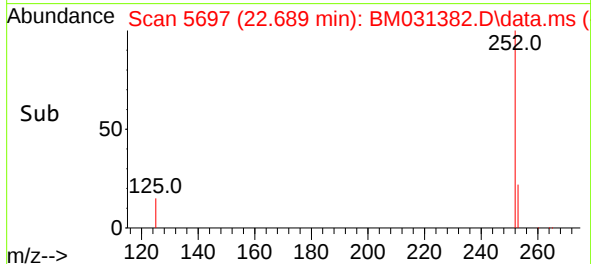
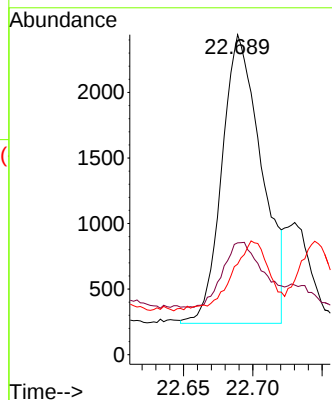
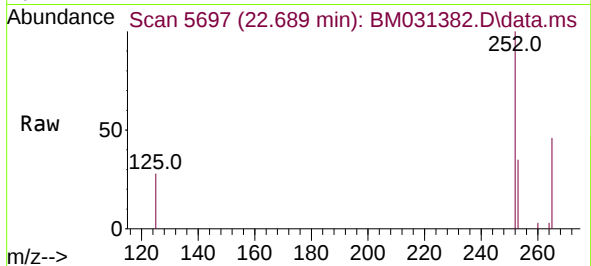
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Benzo(b)fluoranthene
Concen: 0.21 ng/ul m
RT: 22.689 min Scan# 5697
Delta R.T. -0.002 min
Lab File: BM031382.D
Acq: 02 Aug 2021 19:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	35.0	0.0	53.0
125	28.3	0.0	22.8#

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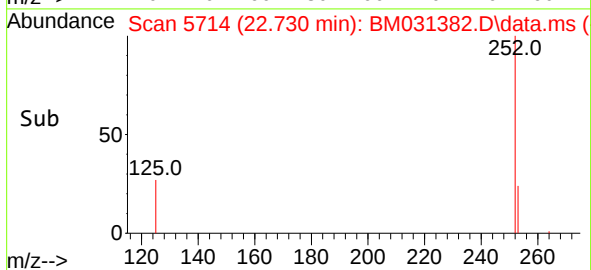
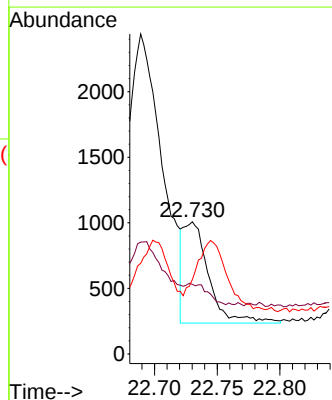
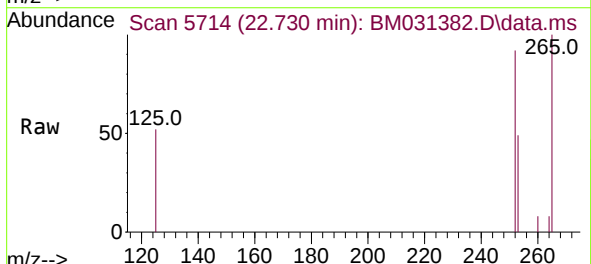
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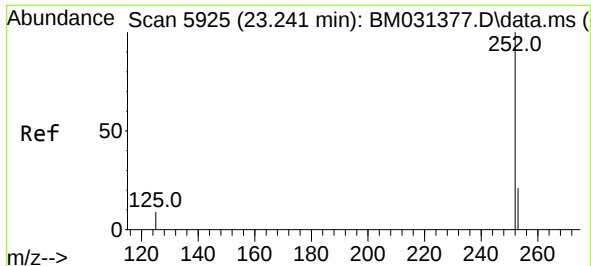
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#25
Benzo(k)fluoranthene
Concen: 0.05 ng/ul m
RT: 22.730 min Scan# 5714
Delta R.T. -0.005 min
Lab File: BM031382.D
Acq: 02 Aug 2021 19:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	52.7	21.3	31.9#
125	56.3	8.8	13.2#





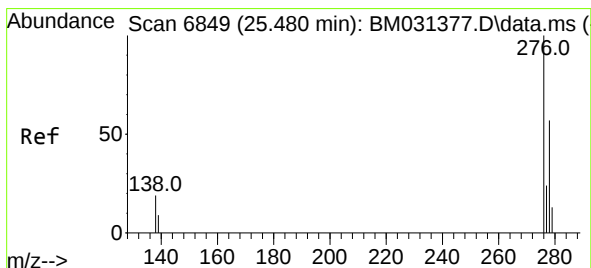
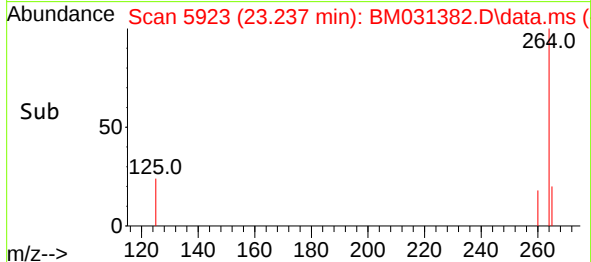
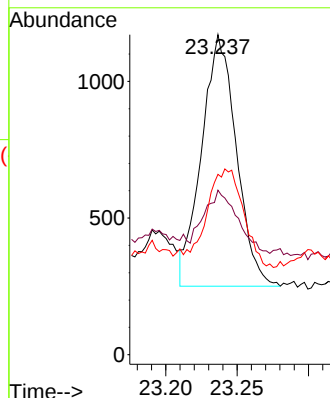
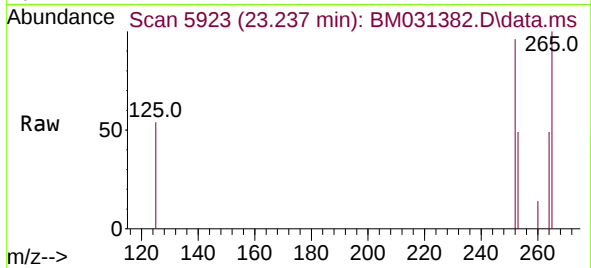
#26
Benzo(a)pyrene
Concen: 0.09 ng/u1
RT: 23.237 min Scan# 5923
Delta R.T. -0.007 min
Lab File: BM031382.D
Acq: 02 Aug 2021 19:10

Tgt Ion:252 Resp: 1559
Ion Ratio Lower Upper
252 100
253 51.4 22.4 33.6#
125 56.4 13.0 19.4#

Instrument :
BNA_M
ClientSampled :
C0065

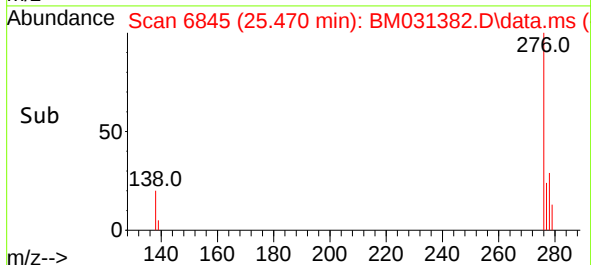
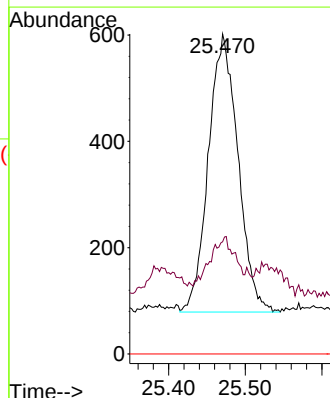
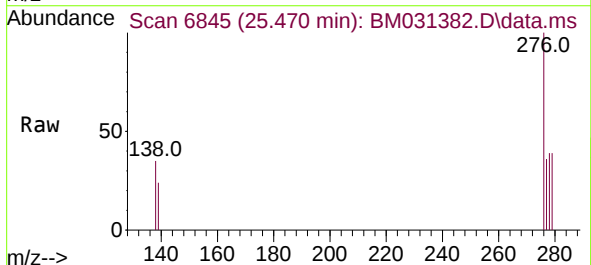
Manual Integrations
APPROVED

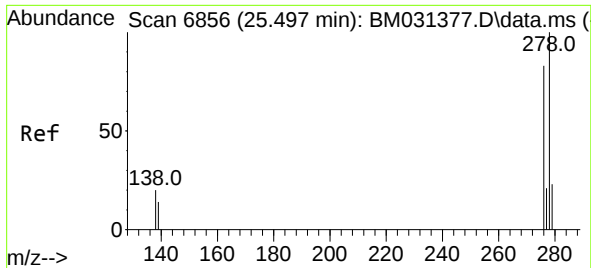
mohammad
8/3/2021 11:50:38 AM



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.06 ng/u1
RT: 25.470 min Scan# 6845
Delta R.T. -0.010 min
Lab File: BM031382.D
Acq: 02 Aug 2021 19:10

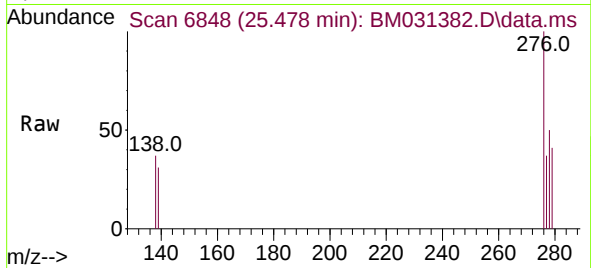
Tgt Ion:276 Resp: 1400
Ion Ratio Lower Upper
276 100
138 23.2 15.8 23.8
227 0.0 0.0 0.0





#28
 Dibenzo(a,h)anthracene
 Concen: 0.03 ng/ul
 RT: 25.478 min Scan# 6848
 Delta R.T. -0.014 min
 Lab File: BM031382.D
 Acq: 02 Aug 2021 19:10

Instrument :
 BNA_M
 ClientSampleId :
 C0065



Tgt Ion: 278 Resp: 562
 Ion Ratio Lower Upper
 278 100
 139 62.0 13.3 19.9#
 279 82.9 22.8 34.2#

Manual Integrations
 APPROVED

mohammad
 8/3/2021 11:50:38 AM

