

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031250.D
 Acq On : 29 Jul 2021 16:02
 Operator : CG/JU
 Sample : M3082-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0001

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Quant Time: Jul 29 16:45:19 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 : Thu Jul 29 13:28:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	1380	0.400	ng/ul	0.00
4) Naphthalene-d8	10.374	136	5264	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.243	164	3211	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.992	188	6338	0.400	ng/ul	0.00
17) Chrysene-d12	21.181	240	4991	0.400	ng/ul	# 0.00
23) Perylene-d12	23.348	264	4820	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	1671	1.090	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	1246	0.140	ng/ul	0.00
18) Fluoranthene-d10	19.020	212	2616	0.157	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.424	128	1412	0.090	ng/ul#	89
7) 2-Methylnaphthalene	12.047	142	725	0.068	ng/ul	98
8) 1-Methylnaphthalene	12.268	142	402	0.038	ng/ul	99
10) Acenaphthylene	13.963	152	1230	0.090	ng/ul#	91
15) Phenanthrene	17.030	178	4104	0.204	ng/ul	99
16) Anthracene	17.124	178	1442	0.077	ng/ul#	91
19) Fluoranthene	19.050	202	11694	0.549	ng/ul	97
20) Pyrene	19.413	202	8473	0.392	ng/ul#	95
21) Benzo(a)anthracene	21.164	228	6183	0.307	ng/ul	95
22) Chrysene	21.217	228	6062m	0.291	ng/ul	
24) Benzo(b)fluoranthene	22.704	252	8355m	0.385	ng/ul	
25) Benzo(k)fluoranthene	22.745	252	3046m	0.136	ng/ul	
26) Benzo(a)pyrene	23.254	252	2609	0.137	ng/ul#	62
27) Indeno(1,2,3-cd)pyrene	25.495	276	2307	0.094	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.502	278	899	0.045	ng/ul#	37

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

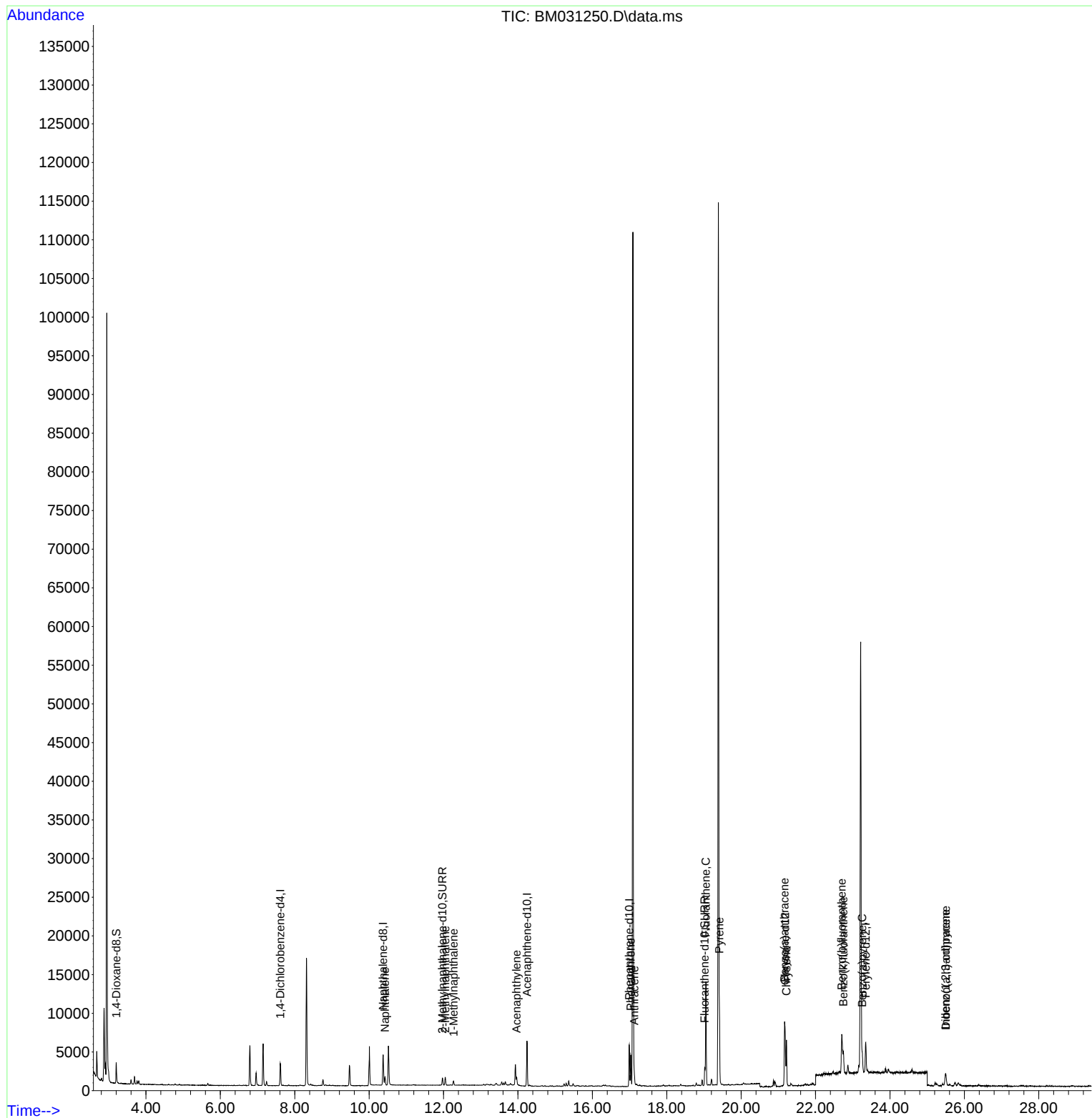
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Data File : BM031250.D
Acq On : 29 Jul 2021 16:02
Operator : CG/JU
Sample : M3082-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

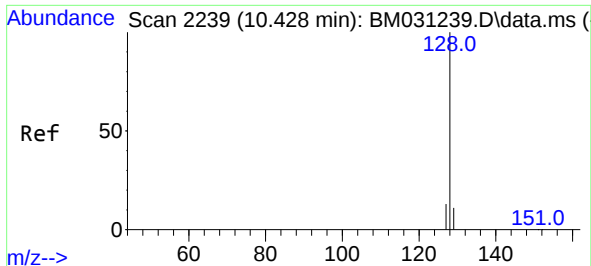
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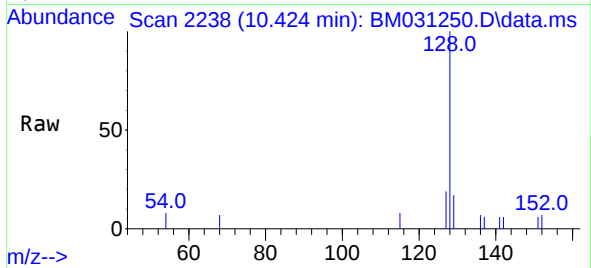
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Quant Time: Jul 29 16:45:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 29 13:28:21 2021
Response via : Initial Calibration

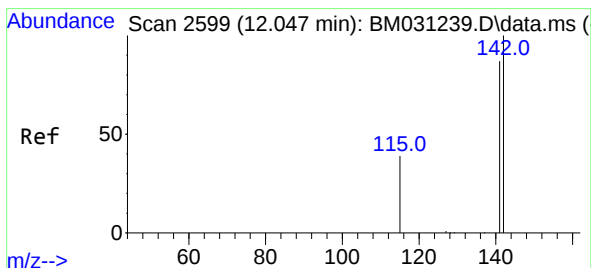
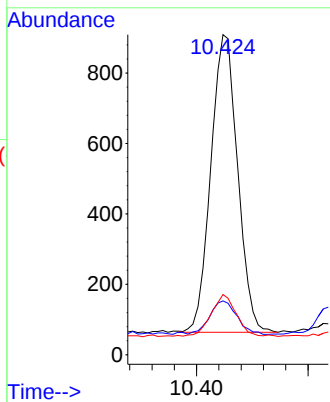
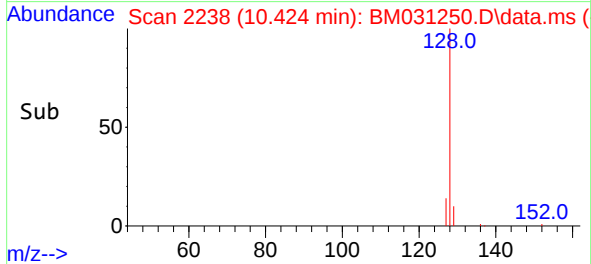




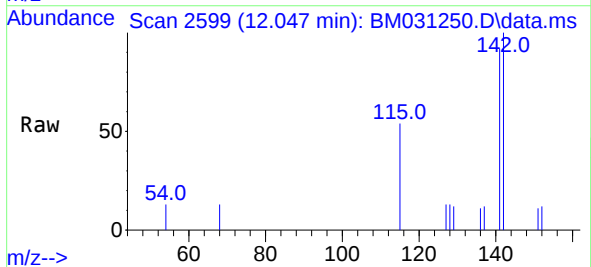
#5
Naphthalene
Concen: 0.090 ng/ul
RT: 10.424 min Scan# 2238
Delta R.T. -0.005 min
Lab File: BM031250.D
Acq: 29 Jul 2021 16:02



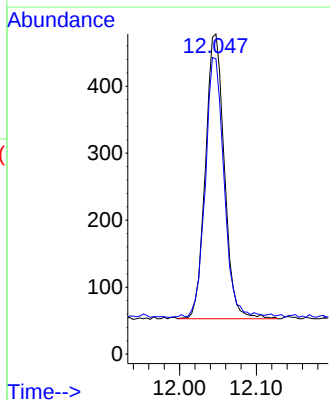
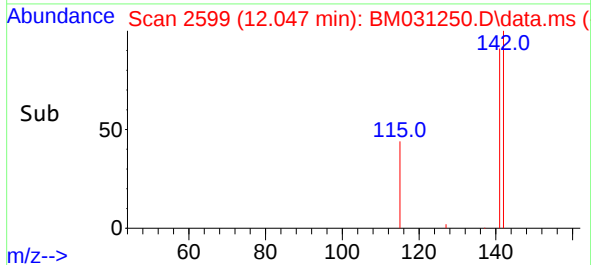
Tgt Ion:128 Resp: 1412
Ion Ratio Lower Upper
128 100
129 16.8 10.0 15.0#
127 18.8 11.6 17.4#



#7
2-Methylnaphthalene
Concen: 0.068 ng/ul
RT: 12.047 min Scan# 2599
Delta R.T. -0.000 min
Lab File: BM031250.D
Acq: 29 Jul 2021 16:02



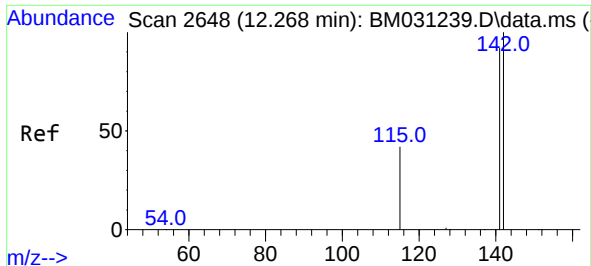
Tgt Ion:142 Resp: 725
Ion Ratio Lower Upper
142 100
141 91.4 71.4 107.0



Instrument :
BNA_M
ClientSampled :
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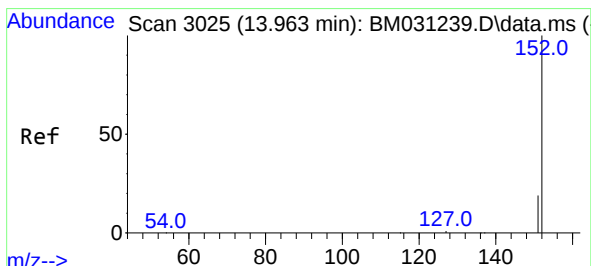
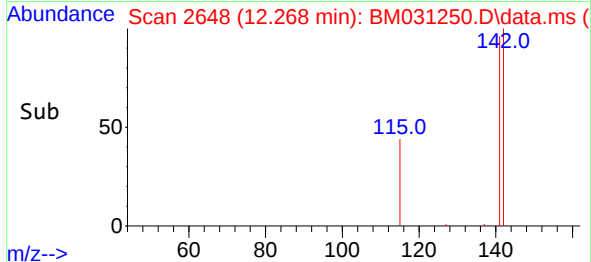
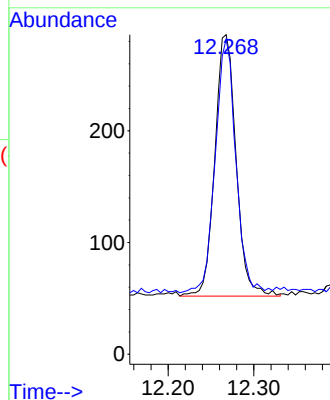
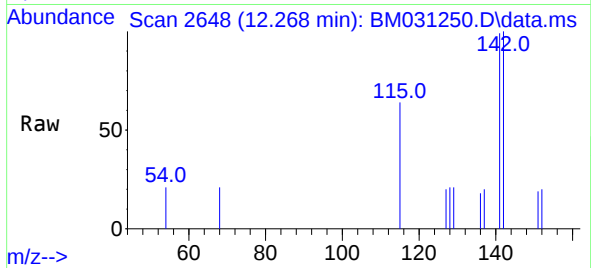
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1-Methylnaphthalene
Concen: 0.038 ng/ul
RT: 12.268 min Scan# 2648
Delta R.T. -0.000 min
Lab File: BM031250.D
Acq: 29 Jul 2021 16:02

Tgt Ion:142 Resp: 402
Ion Ratio Lower Upper
142 100
141 94.0 74.1 111.1

Instrument :
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ClientSampled :
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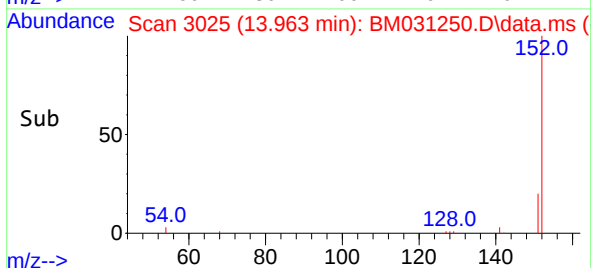
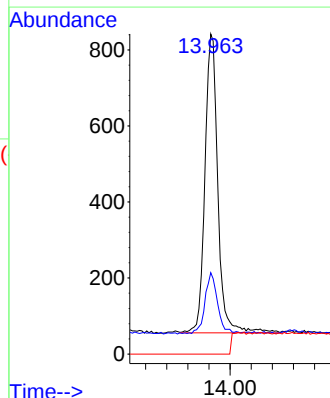
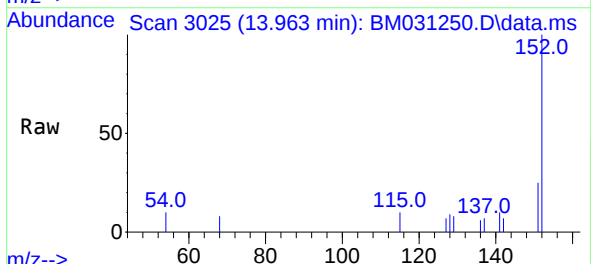
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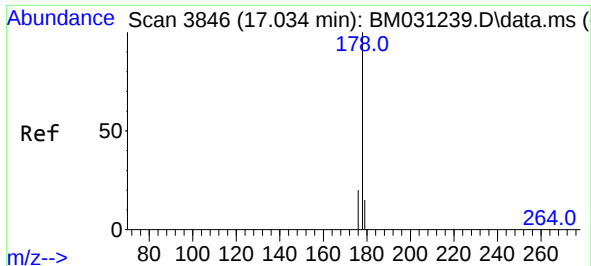
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#10
Acenaphthylene
Concen: 0.090 ng/ul
RT: 13.963 min Scan# 3025
Delta R.T. -0.000 min
Lab File: BM031250.D
Acq: 29 Jul 2021 16:02

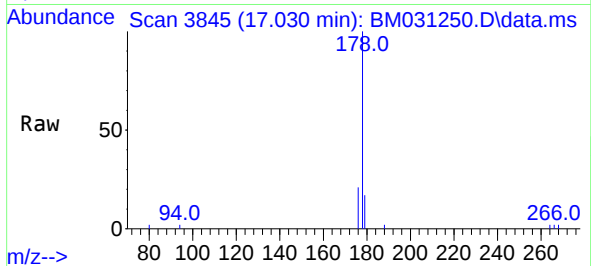
Tgt Ion:152 Resp: 1230
Ion Ratio Lower Upper
152 100
151 25.4 16.9 25.3#
153 0.0 0.0 0.0





#15
Phenanthrene
Concen: 0.204 ng/ul
RT: 17.030 min Scan# 3845
Delta R.T. -0.003 min
Lab File: BM031250.D
Acq: 29 Jul 2021 16:02

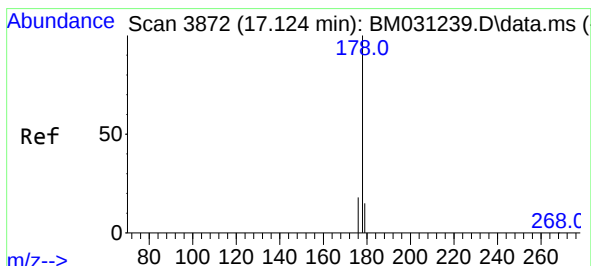
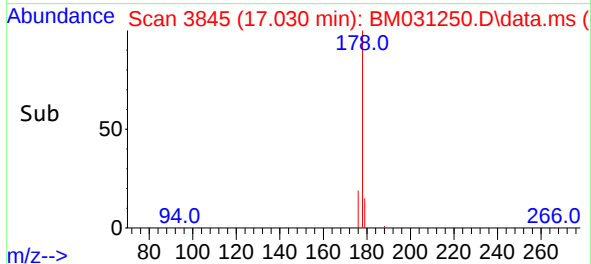
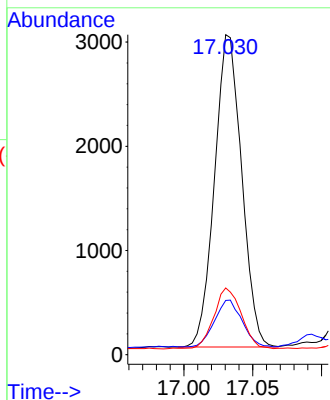
Instrument :
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Tgt Ion:178 Resp: 4104
Ion Ratio Lower Upper
178 100
179 17.0 13.3 19.9
176 20.8 16.2 24.4

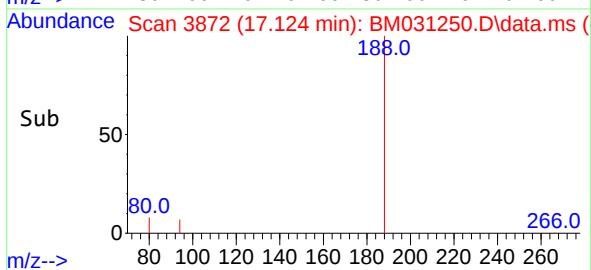
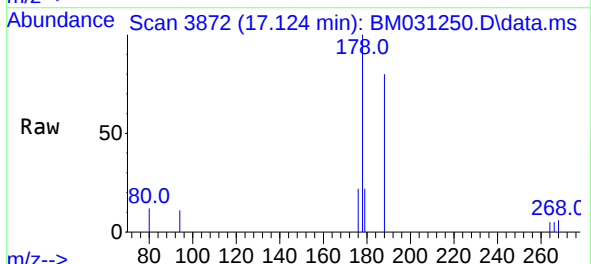
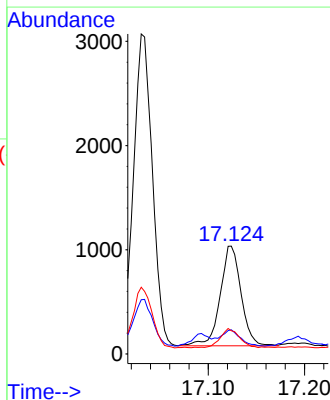
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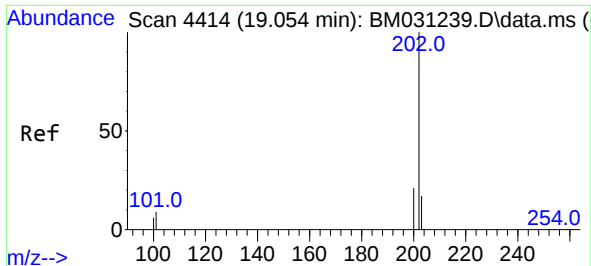
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#16
Anthracene
Concen: 0.077 ng/ul
RT: 17.124 min Scan# 3872
Delta R.T. -0.000 min
Lab File: BM031250.D
Acq: 29 Jul 2021 16:02

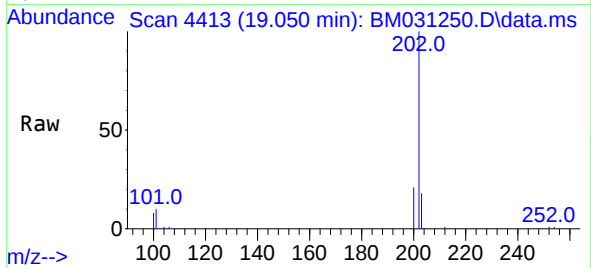
Tgt Ion:178 Resp: 1442
Ion Ratio Lower Upper
178 100
179 22.4 13.0 19.6#
176 21.5 15.6 23.4





#19
Fluoranthene
Concen: 0.549 ng/u1
RT: 19.050 min Scan# 4413
Delta R.T. -0.004 min
Lab File: BM031250.D
Acq: 29 Jul 2021 16:02

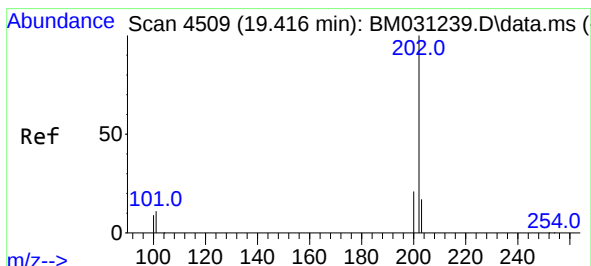
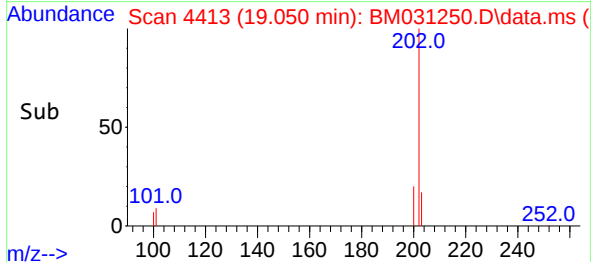
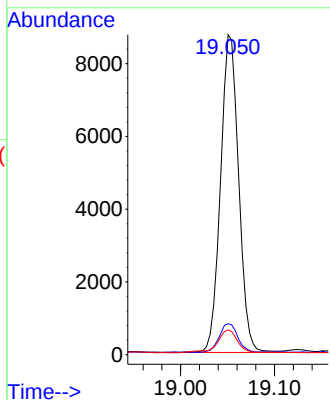
Instrument :
BNA_M
ClientSampled :
C0001



Tgt Ion:202 Resp: 11694
Ion Ratio Lower Upper
202 100
101 9.6 6.6 10.0
100 7.7 5.4 8.0

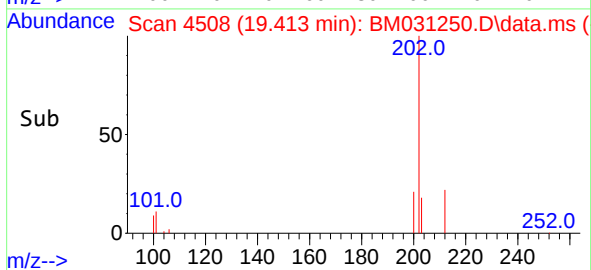
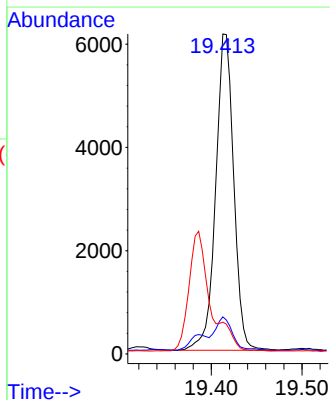
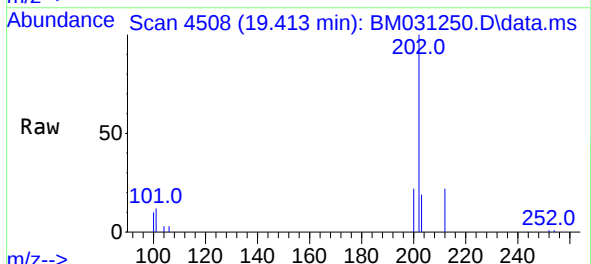
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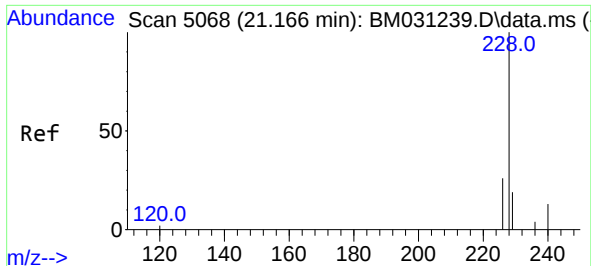
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#20
Pyrene
Concen: 0.392 ng/u1
RT: 19.413 min Scan# 4508
Delta R.T. -0.004 min
Lab File: BM031250.D
Acq: 29 Jul 2021 16:02

Tgt Ion:202 Resp: 8473
Ion Ratio Lower Upper
202 100
101 11.6 7.8 11.6
100 10.0 6.6 10.0#





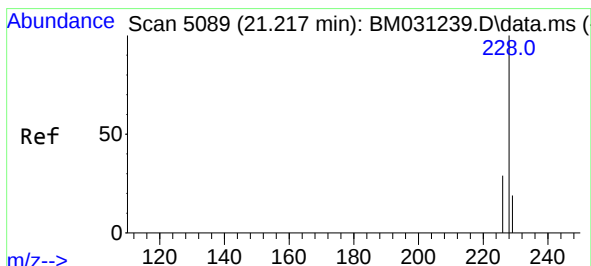
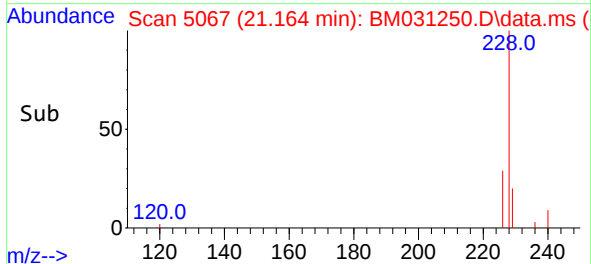
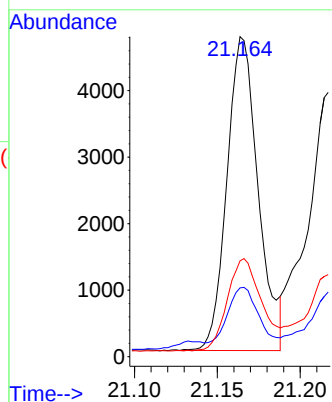
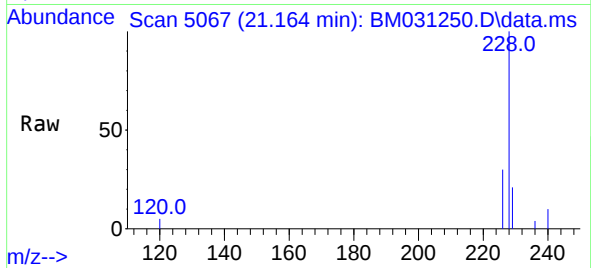
#21
Benzo(a)anthracene
Concen: 0.307 ng/ul
RT: 21.164 min Scan# 5067
Delta R.T. -0.002 min
Lab File: BM031250.D
Acq: 29 Jul 2021 16:02

Tgt Ion:	228	Resp:	6183
Ion Ratio	Lower	Upper	
228	100		
229	21.5	15.6	23.4
226	30.0	21.7	32.5

Instrument :
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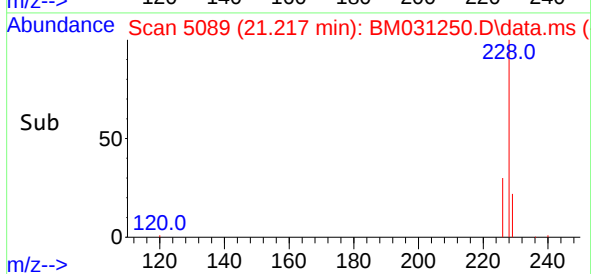
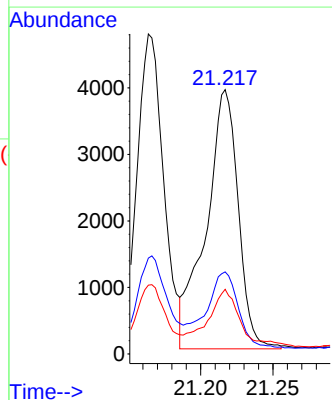
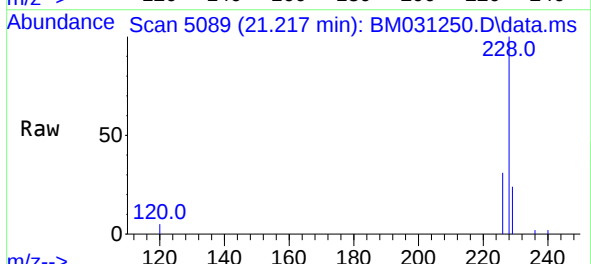
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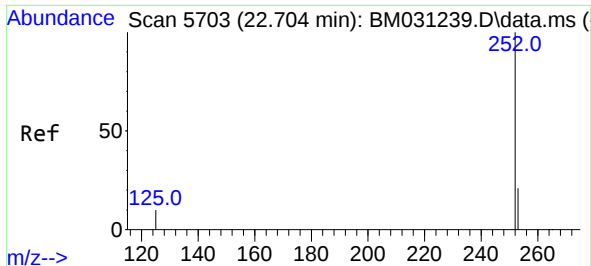
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#22
Chrysene
Concen: 0.291 ng/ul m
RT: 21.217 min Scan# 5089
Delta R.T. -0.000 min
Lab File: BM031250.D
Acq: 29 Jul 2021 16:02

Tgt Ion:	228	Resp:	6062
Ion Ratio	Lower	Upper	
228	100		
226	31.1	24.7	37.1
229	24.4	16.2	24.2#





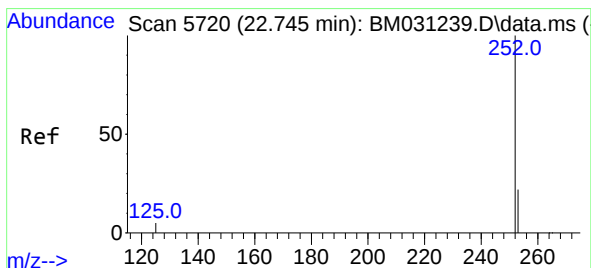
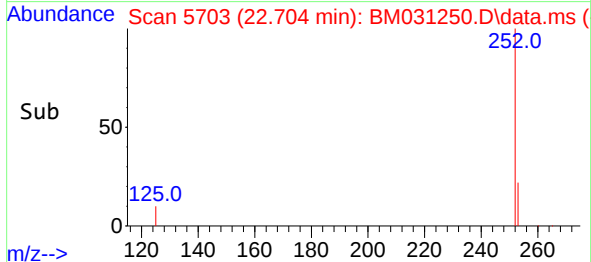
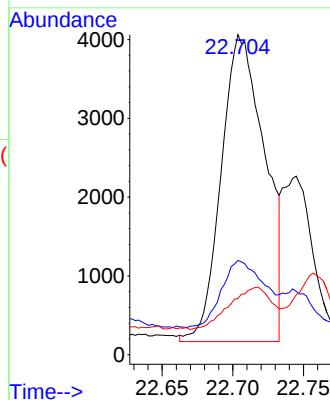
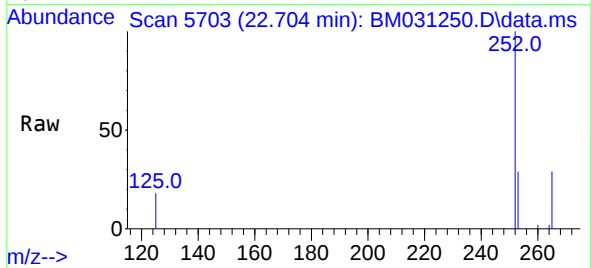
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Benzo(b)fluoranthene
Concen: 0.385 ng/ul m
RT: 22.704 min Scan# 5703
Delta R.T. -0.000 min
Lab File: BM031250.D
Acq: 29 Jul 2021 16:02

Tgt Ion:	252	Resp:	8355
Ion Ratio	Lower	Upper	
252	100		
253	29.4	0.0	53.0
125	17.6	0.0	22.8

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BNA_M
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C0001

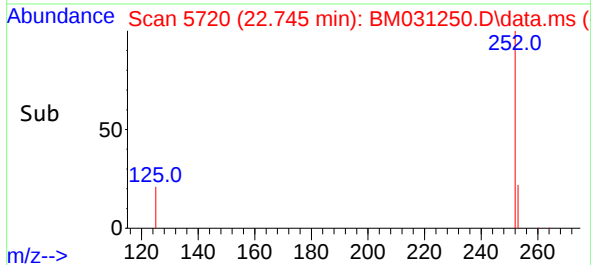
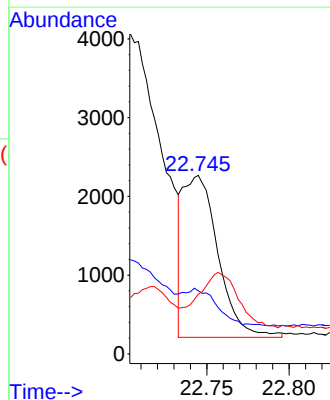
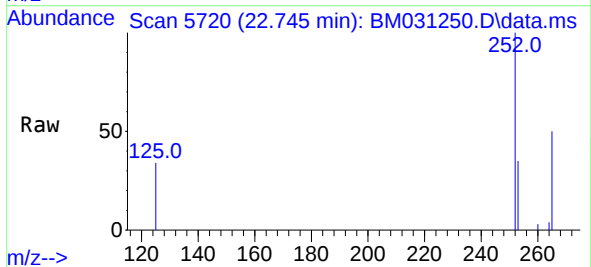
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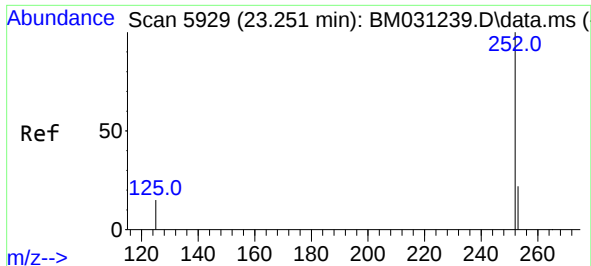
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#25
Benzo(k)fluoranthene
Concen: 0.136 ng/ul m
RT: 22.745 min Scan# 5720
Delta R.T. -0.000 min
Lab File: BM031250.D
Acq: 29 Jul 2021 16:02

Tgt Ion:	252	Resp:	3046
Ion Ratio	Lower	Upper	
252	100		
253	35.4	21.3	31.9#
125	33.5	8.8	13.2#





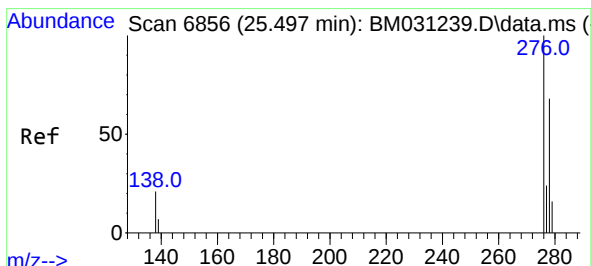
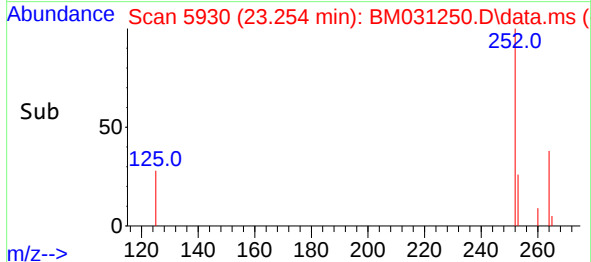
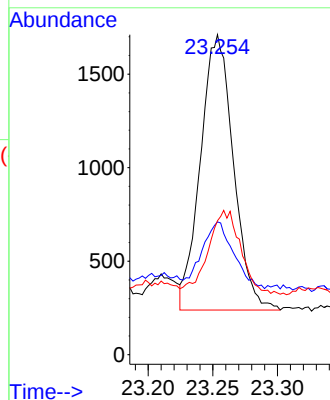
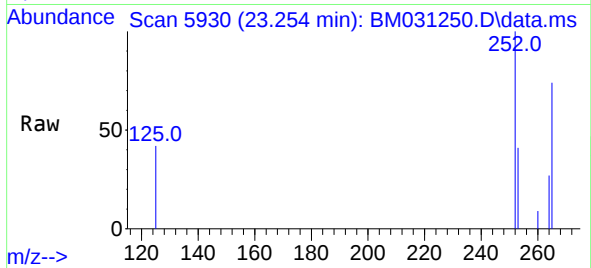
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Benzo(a)pyrene
Concen: 0.137 ng/ul
RT: 23.254 min Scan# 5930
Delta R.T. 0.002 min
Lab File: BM031250.D
Acq: 29 Jul 2021 16:02

Tgt Ion:	252	Resp:	2609
Ion Ratio	Lower	Upper	
252	100		
253	41.5	22.4	33.6#
125	41.8	13.0	19.4#

Instrument :
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ClientSampleId :
C0001

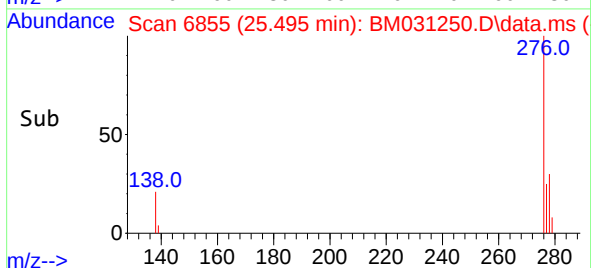
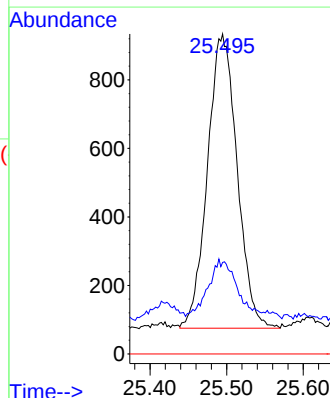
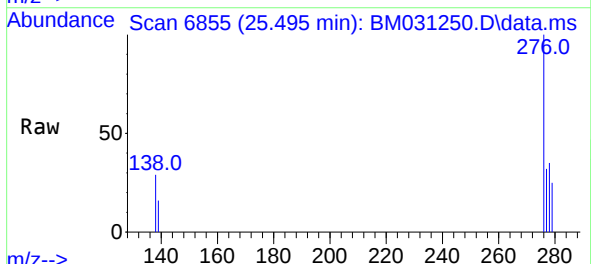
Manual Integrations
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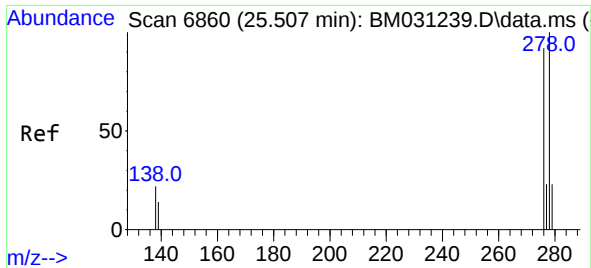
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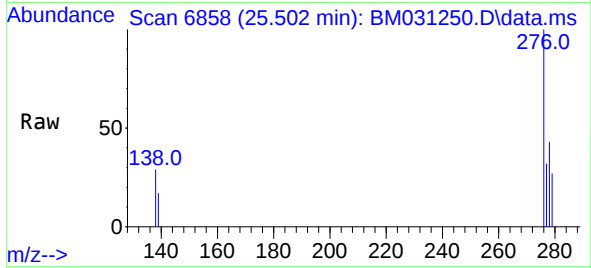
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.094 ng/ul
RT: 25.495 min Scan# 6855
Delta R.T. -0.002 min
Lab File: BM031250.D
Acq: 29 Jul 2021 16:02

Tgt Ion:	276	Resp:	2307
Ion Ratio	Lower	Upper	
276	100		
138	21.9	15.8	23.8
227	0.0	0.0	0.0

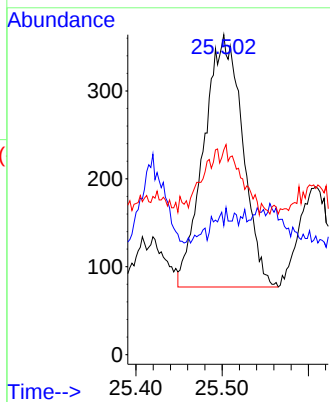
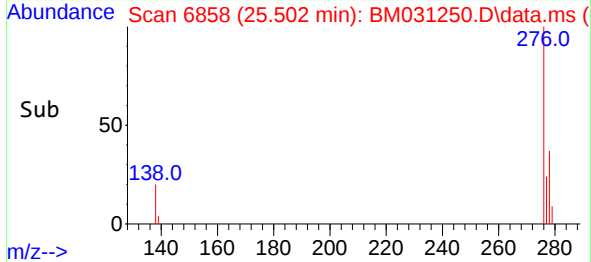




#28
 Dibenzo(a,h)anthracene
 Concen: 0.045 ng/ul
 RT: 25.502 min Scan# 6858
 Delta R.T. -0.005 min
 Lab File: BM031250.D
 Acq: 29 Jul 2021 16:02



Tgt Ion: 278 Resp: 899
 Ion Ratio Lower Upper
 278 100
 139 40.4 13.3 19.9#
 279 64.0 22.8 34.2#



Instrument :
 BNA_M
 ClientSampleId :
 C0001

Manual Integrations
 APPROVED

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