

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031258.D
 Acq On : 29 Jul 2021 20:59
 Operator : CG/JU
 Sample : M3082-15DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0013DL

Manual Integrations
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Quant Time: Jul 30 03:42:04 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 : Wed Jul 28 15:20:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.614	152	1844	0.400	ng/ul	0.00
4) Naphthalene-d8	10.378	136	6703	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.242	164	3779	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.992	188	7276	0.400	ng/ul	0.00
17) Chrysene-d12	21.180	240	5688	0.400	ng/ul	0.00
23) Perylene-d12	23.348	264	5696	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.203	96	676	0.330	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.970	152	251	0.022	ng/ul	0.00
18) Fluoranthene-d10	19.020	212	507	0.027	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.427	128	667	0.033	ng/ul#	79
7) 2-Methylnaphthalene	12.046	142	479	0.035	ng/ul	96
8) 1-Methylnaphthalene	12.267	142	307	0.023	ng/ul	99
10) Acenaphthylene	13.962	152	1131	0.070	ng/ul	91
12) Fluorene	15.296	166	734	0.047	ng/ul#	97
15) Phenanthrene	17.033	178	9151	0.396	ng/ul	99
16) Anthracene	17.124	178	1784	0.082	ng/ul#	94
19) Fluoranthene	19.050	202	19829	0.816	ng/ul	96
20) Pyrene	19.416	202	14343	0.582	ng/ul	97
21) Benzo(a)anthracene	21.166	228	8080	0.352	ng/ul	94
22) Chrysene	21.217	228	8999	0.379	ng/ul	97
24) Benzo(b)fluoranthene	22.703	252	13109m	0.511	ng/ul	
25) Benzo(k)fluoranthene	22.742	252	4654m	0.176	ng/ul	
26) Benzo(a)pyrene	23.253	252	5221	0.232	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.492	276	4707	0.162	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.504	278	1427	0.061	ng/ul#	49

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

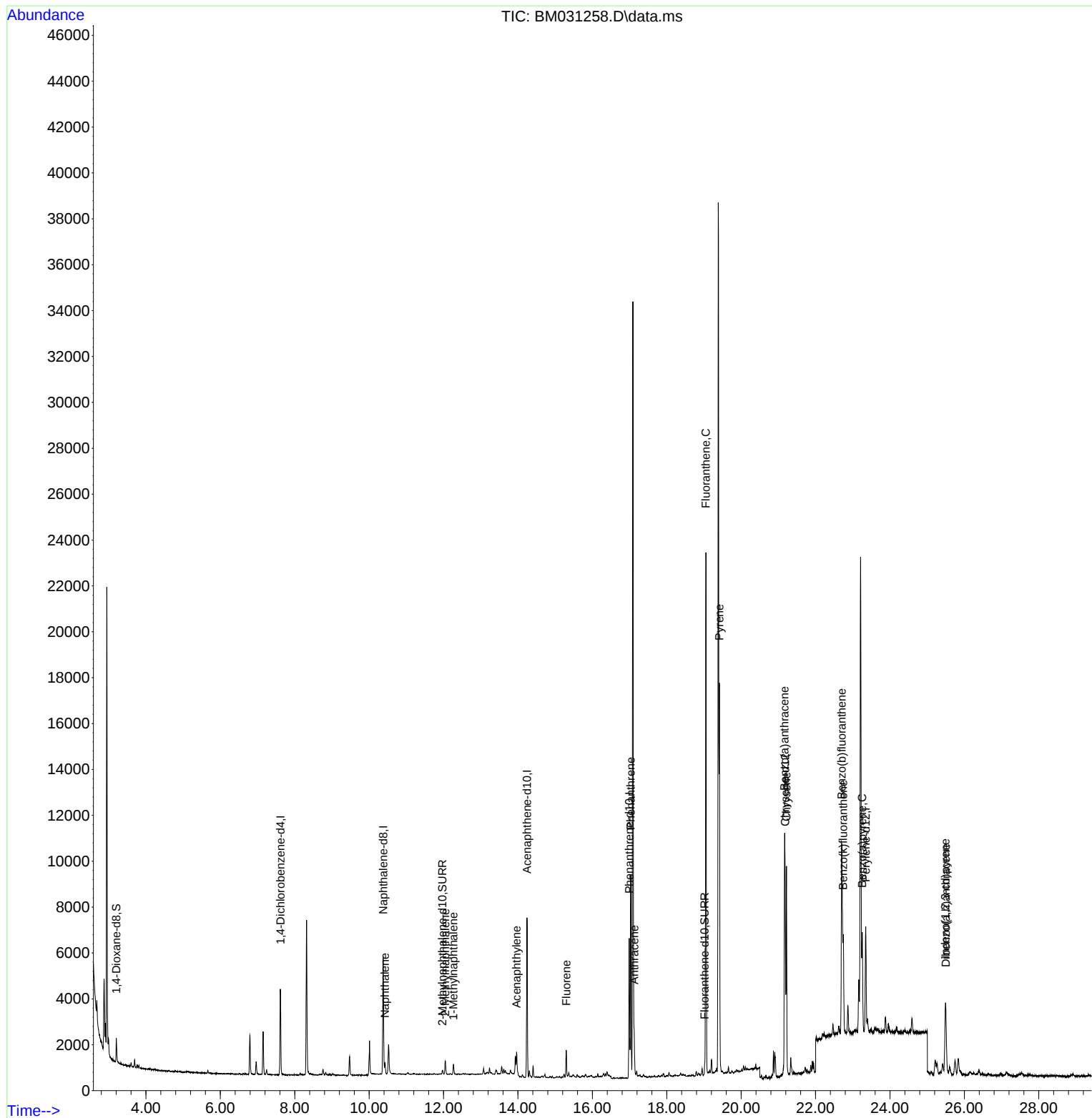
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
Data File : BM031258.D
Acq On : 29 Jul 2021 20:59
Operator : CG/JU
Sample : M3082-15DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

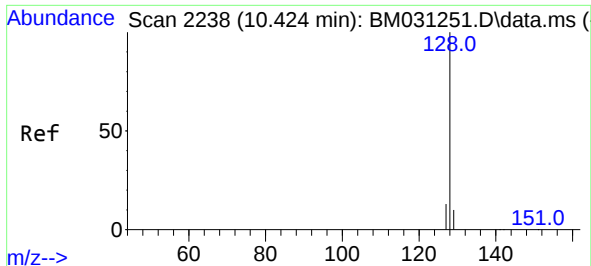
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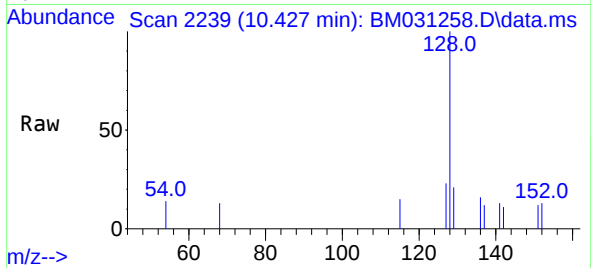
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Quant Time: Jul 30 03:42:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 28 15:20:04 2021
Response via : Initial Calibration

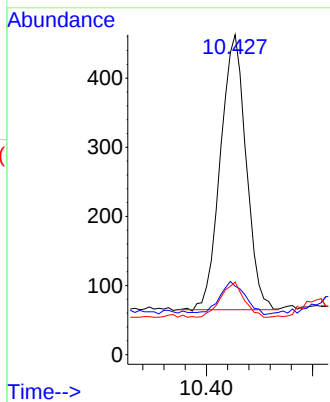
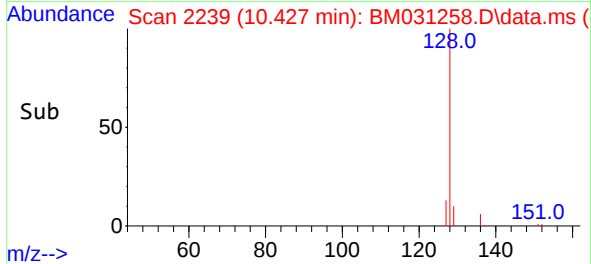




#5
Naphthalene
Concen: 0.033 ng/ul
RT: 10.427 min Scan# 2239
Delta R.T. -0.001 min
Lab File: BM031258.D
Acq: 29 Jul 2021 20:59



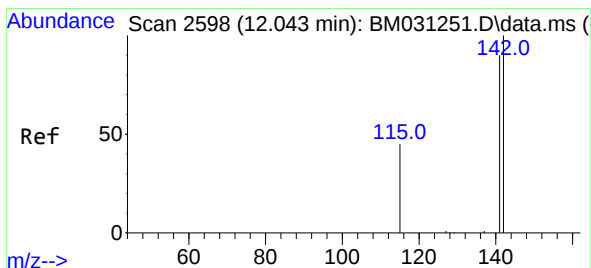
Tgt Ion:128 Resp: 667
Ion Ratio Lower Upper
128 100
129 21.4 10.0 15.0#
127 22.7 11.6 17.4#



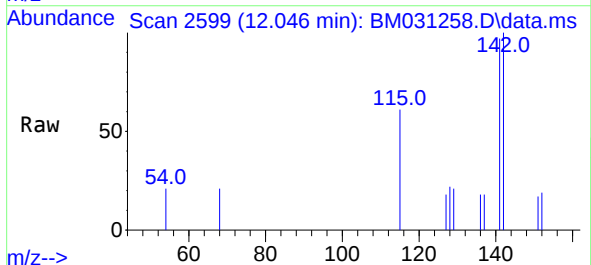
Instrument :
BNA_M
ClientSampled :
C0013DL

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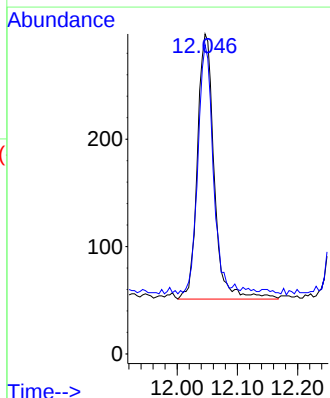
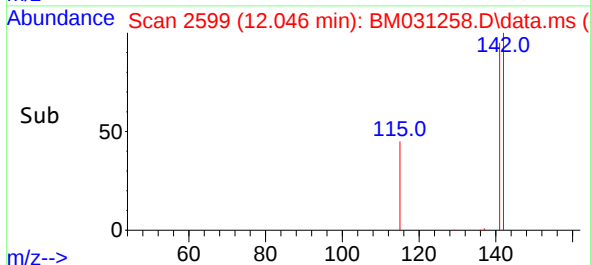
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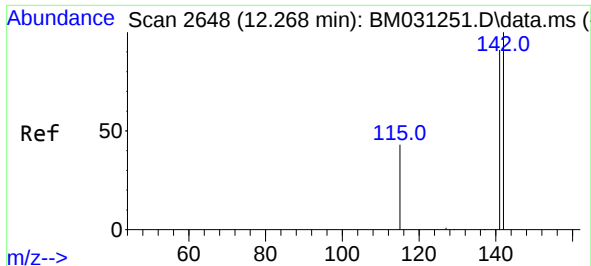


#7
2-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.046 min Scan# 2599
Delta R.T. -0.001 min
Lab File: BM031258.D
Acq: 29 Jul 2021 20:59



Tgt Ion:142 Resp: 479
Ion Ratio Lower Upper
142 100
141 85.8 71.4 107.0





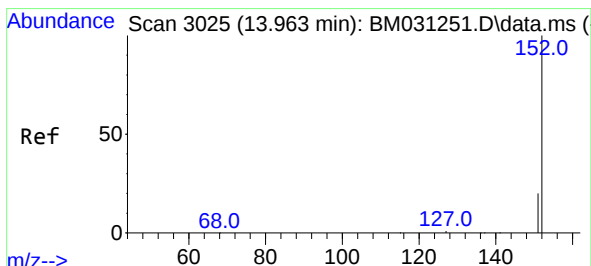
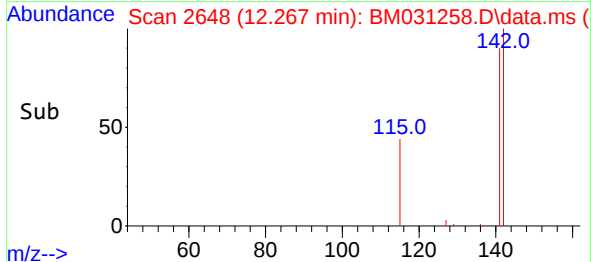
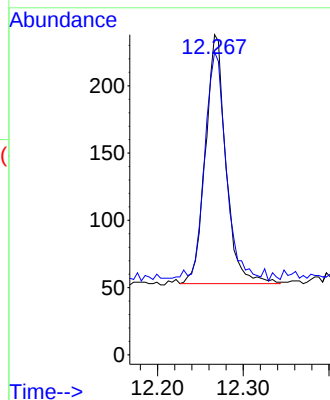
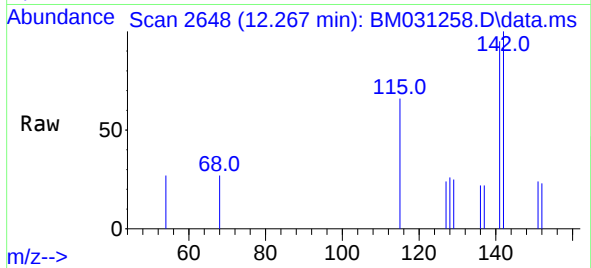
#8
1-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 12.267 min Scan# 2648
Delta R.T. -0.001 min
Lab File: BM031258.D
Acq: 29 Jul 2021 20:59

Tgt Ion:142 Resp: 307
Ion Ratio Lower Upper
142 100
141 93.2 74.1 111.1

Instrument :
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ClientSampled :
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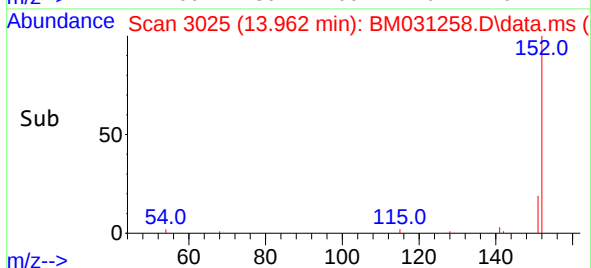
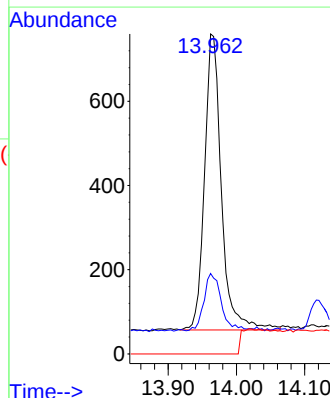
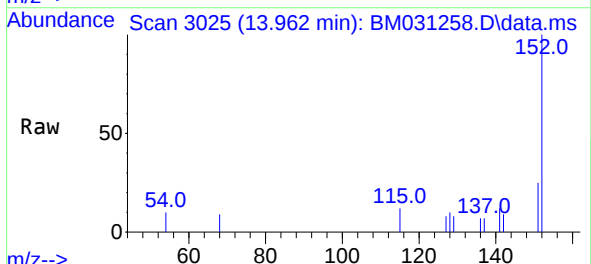
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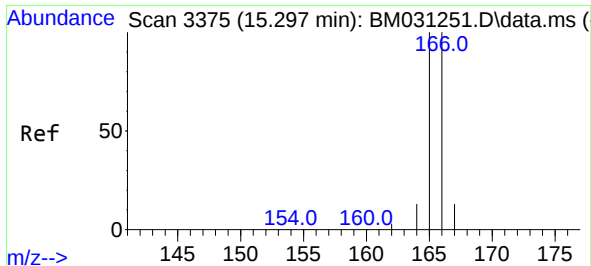
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#10
Acenaphthylene
Concen: 0.070 ng/ul
RT: 13.962 min Scan# 3025
Delta R.T. -0.006 min
Lab File: BM031258.D
Acq: 29 Jul 2021 20:59

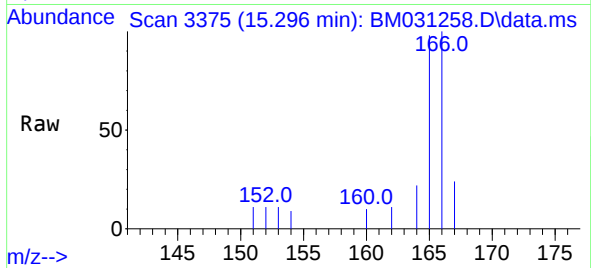
Tgt Ion:152 Resp: 1131
Ion Ratio Lower Upper
152 100
151 25.1 16.9 25.3
153 0.0 0.0 0.0





#12
Fluorene
Concen: 0.047 ng/ul
RT: 15.296 min Scan# 3375
Delta R.T. -0.004 min
Lab File: BM031258.D
Acq: 29 Jul 2021 20:59

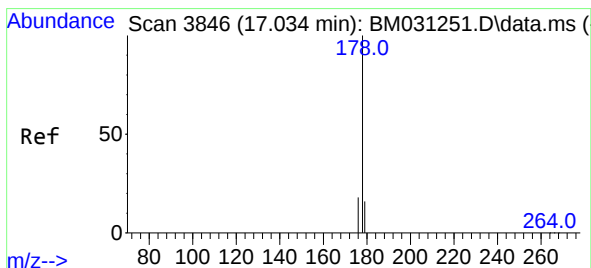
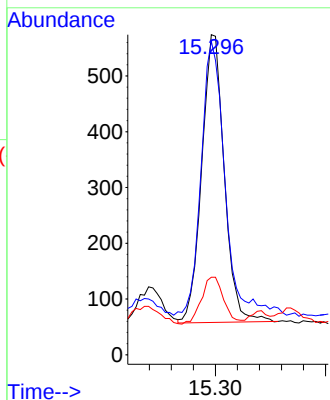
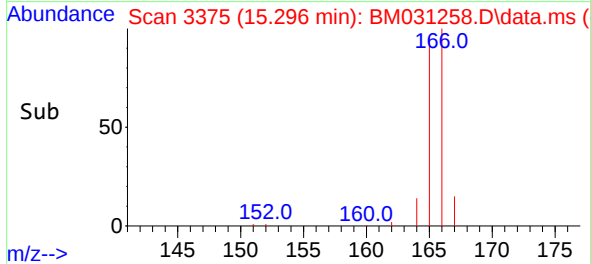
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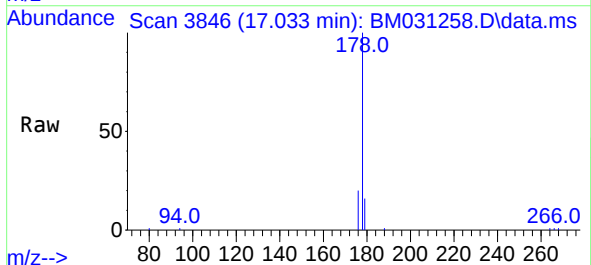
Tgt Ion:166 Resp: 734
Ion Ratio Lower Upper
166 100
165 97.9 78.0 117.0
167 24.2 12.0 18.0#

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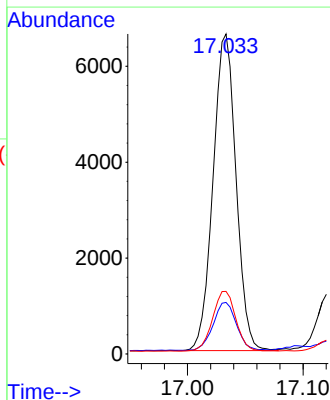
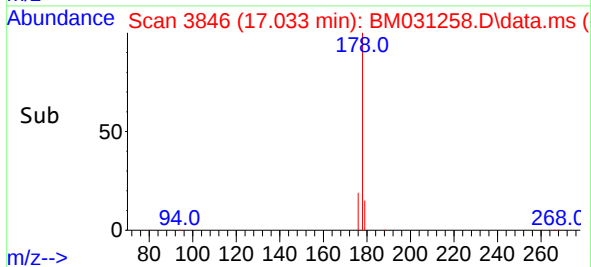
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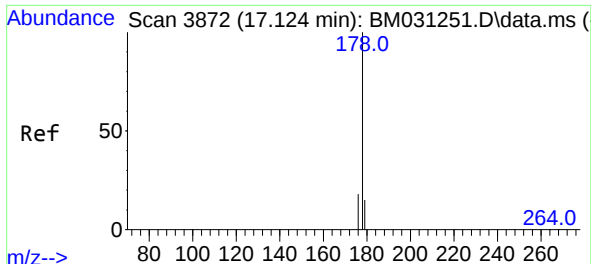


#15
Phenanthrene
Concen: 0.396 ng/ul
RT: 17.033 min Scan# 3846
Delta R.T. -0.000 min
Lab File: BM031258.D
Acq: 29 Jul 2021 20:59



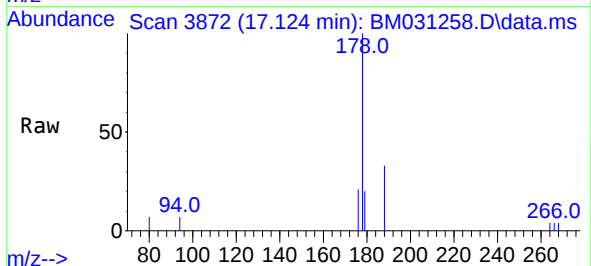
Tgt Ion:178 Resp: 9151
Ion Ratio Lower Upper
178 100
179 16.1 13.3 19.9
176 19.6 16.2 24.4





#16
 Anthracene
 Concen: 0.082 ng/ul
 RT: 17.124 min Scan# 3872
 Delta R.T. -0.000 min
 Lab File: BM031258.D
 Acq: 29 Jul 2021 20:59

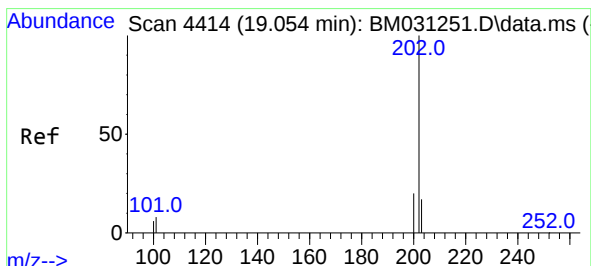
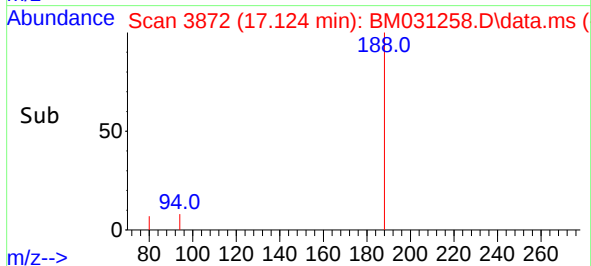
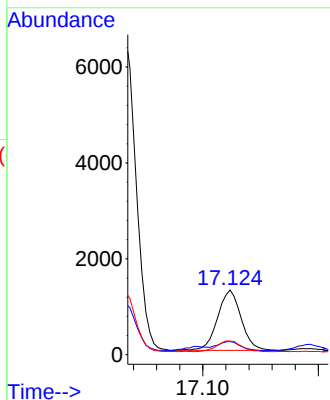
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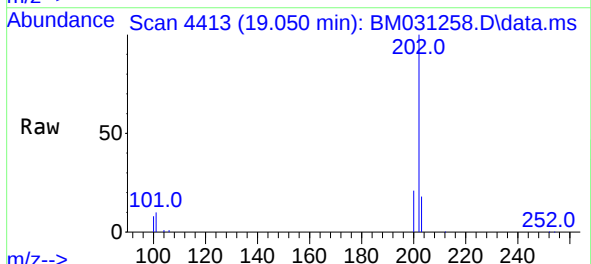
Tgt Ion:178 Resp: 1784
 Ion Ratio Lower Upper
 178 100
 179 20.4 13.0 19.6#
 176 21.1 15.6 23.4

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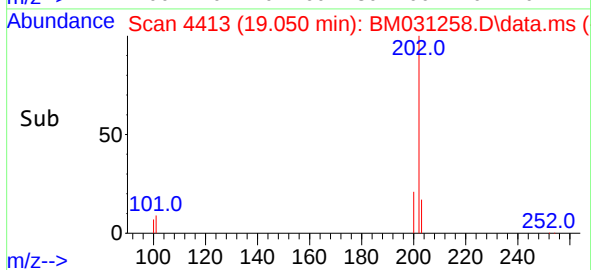
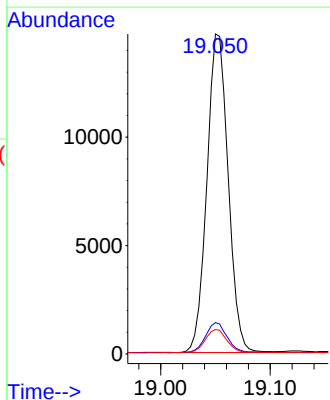
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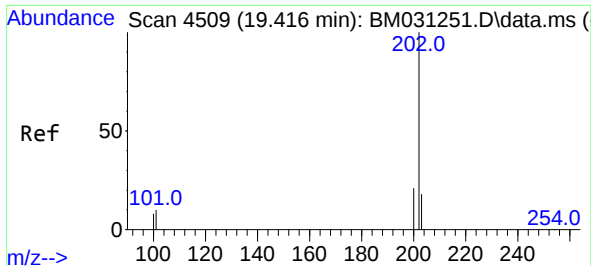


#19
 Fluoranthene
 Concen: 0.816 ng/ul
 RT: 19.050 min Scan# 4413
 Delta R.T. -0.004 min
 Lab File: BM031258.D
 Acq: 29 Jul 2021 20:59



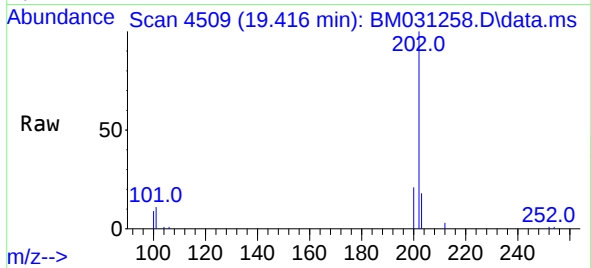
Tgt Ion:202 Resp: 19829
 Ion Ratio Lower Upper
 202 100
 101 9.8 6.6 10.0
 100 7.7 5.4 8.0





#20
Pyrene
Concen: 0.582 ng/u1
RT: 19.416 min Scan# 4509
Delta R.T. -0.000 min
Lab File: BM031258.D
Acq: 29 Jul 2021 20:59

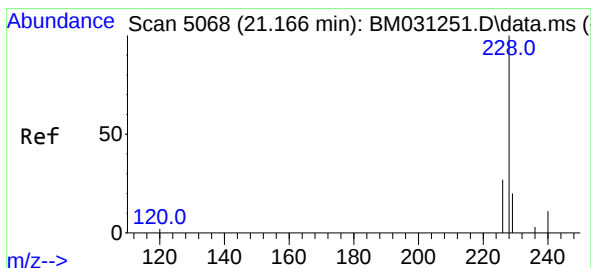
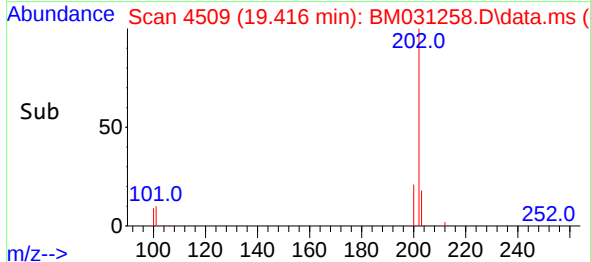
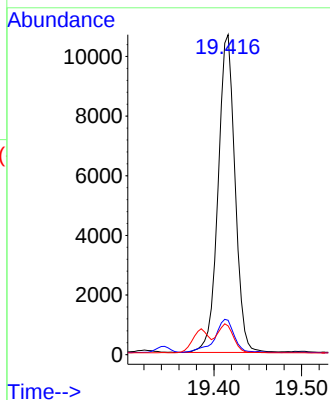
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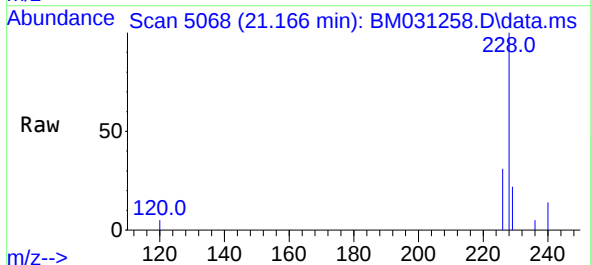
Tgt Ion:202 Resp: 14343
Ion Ratio Lower Upper
202 100
101 10.8 7.8 11.6
100 9.0 6.6 10.0

Manual Integrations
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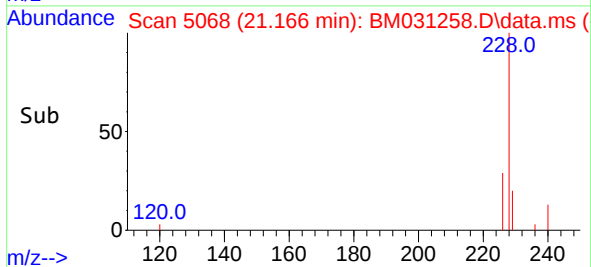
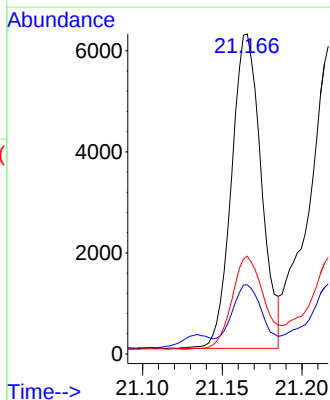
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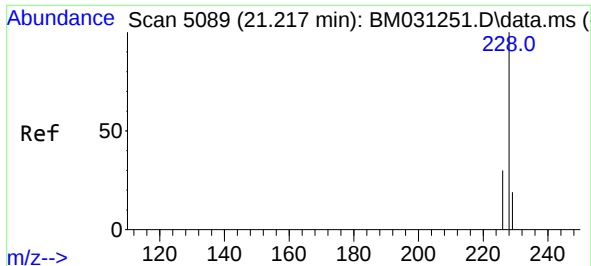


#21
Benzo(a)anthracene
Concen: 0.352 ng/u1
RT: 21.166 min Scan# 5068
Delta R.T. -0.000 min
Lab File: BM031258.D
Acq: 29 Jul 2021 20:59

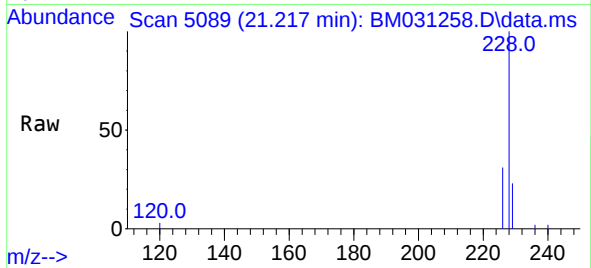


Tgt Ion:228 Resp: 8080
Ion Ratio Lower Upper
228 100
229 21.6 15.6 23.4
226 30.5 21.7 32.5

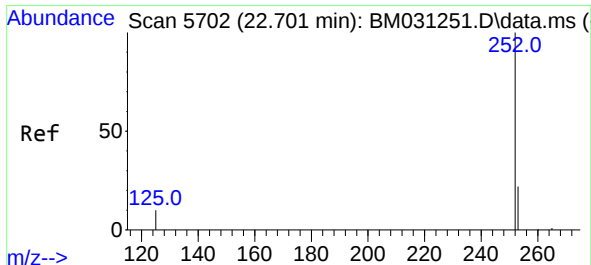
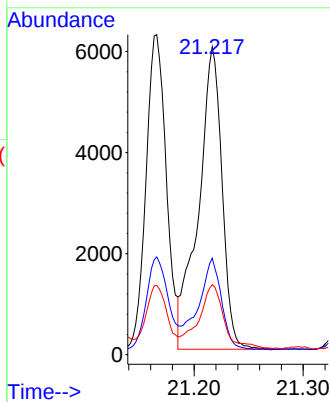
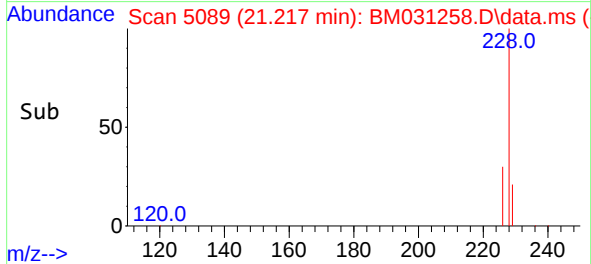




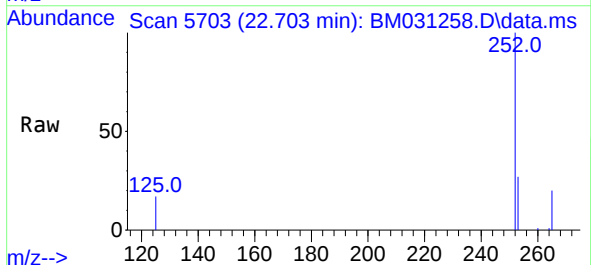
#22
Chrysene
Concen: 0.379 ng/ul
RT: 21.217 min Scan# 5089
Delta R.T. -0.000 min
Lab File: BM031258.D
Acq: 29 Jul 2021 20:59



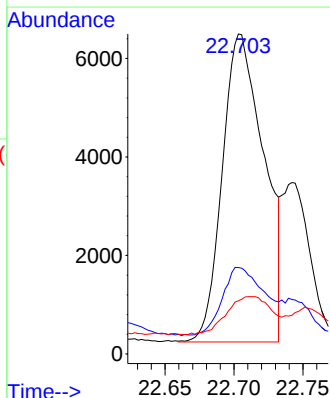
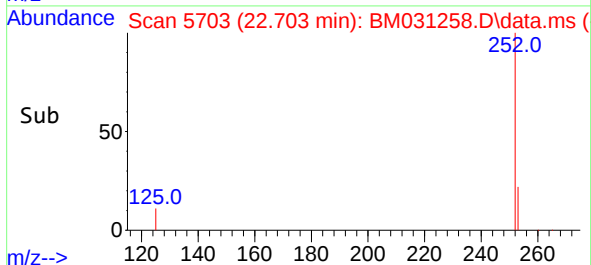
Tgt Ion:	228	Resp:	8999
Ion Ratio	Lower	Upper	
228	100		
226	31.3	24.7	37.1
229	22.8	16.2	24.2



#24
Benzo(b)fluoranthene
Concen: 0.511 ng/ul m
RT: 22.703 min Scan# 5703
Delta R.T. -0.003 min
Lab File: BM031258.D
Acq: 29 Jul 2021 20:59



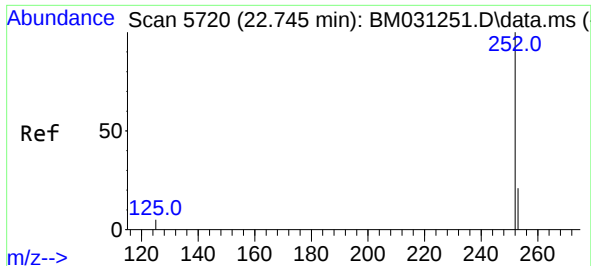
Tgt Ion:	252	Resp:	13109
Ion Ratio	Lower	Upper	
252	100		
253	27.0	0.0	53.0
125	16.6	0.0	22.8



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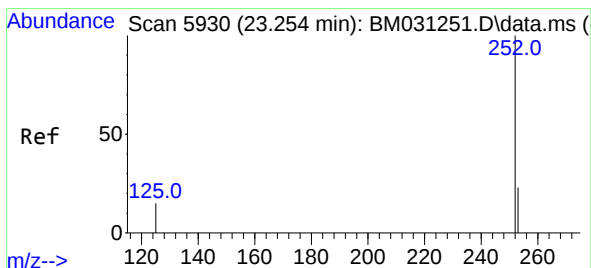
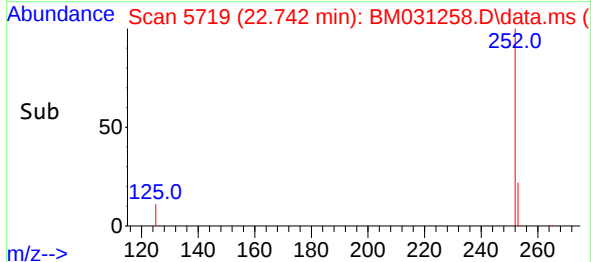
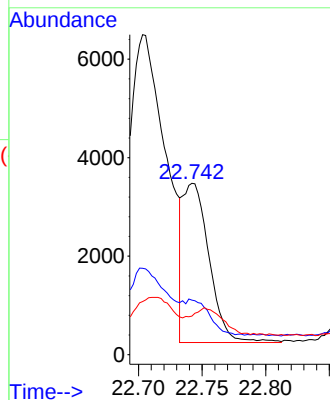
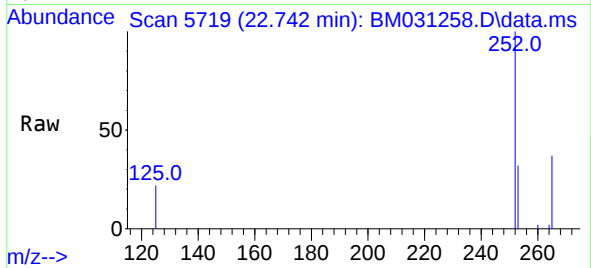
#25
Benzo(k)fluoranthene
Concen: 0.176 ng/ul m
RT: 22.742 min Scan# 5719
Delta R.T. -0.005 min
Lab File: BM031258.D
Acq: 29 Jul 2021 20:59

Tgt Ion:	252	Resp:	4654
Ion Ratio	Lower	Upper	
252	100		
253	31.8	21.3	31.9
125	22.5	8.8	13.2#

Instrument :
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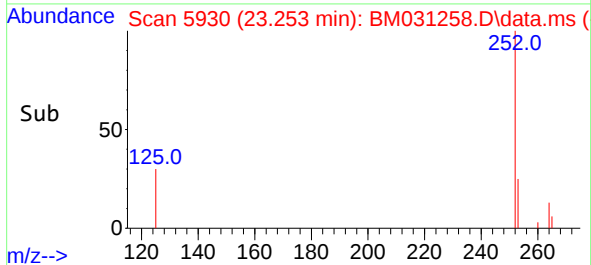
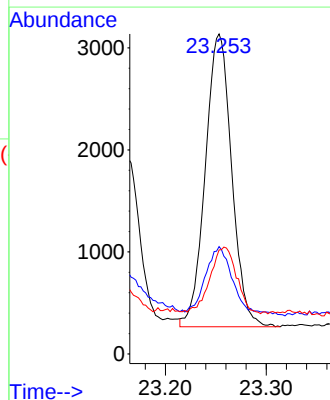
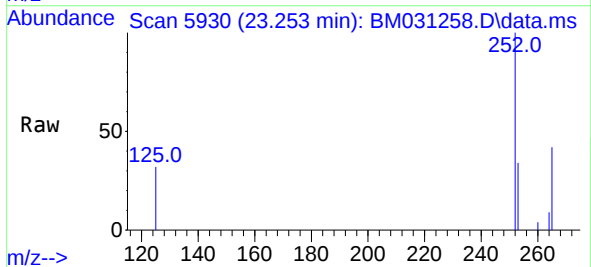
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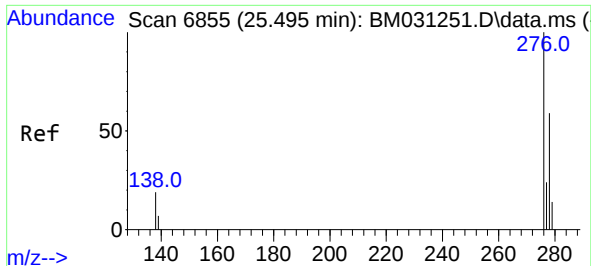
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#26
Benzo(a)pyrene
Concen: 0.232 ng/ul
RT: 23.253 min Scan# 5930
Delta R.T. -0.003 min
Lab File: BM031258.D
Acq: 29 Jul 2021 20:59

Tgt Ion:	252	Resp:	5221
Ion Ratio	Lower	Upper	
252	100		
253	33.5	22.4	33.6
125	32.5	13.0	19.4#





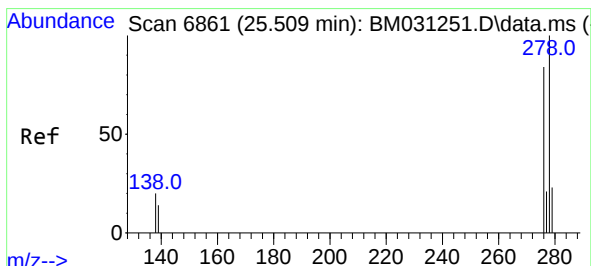
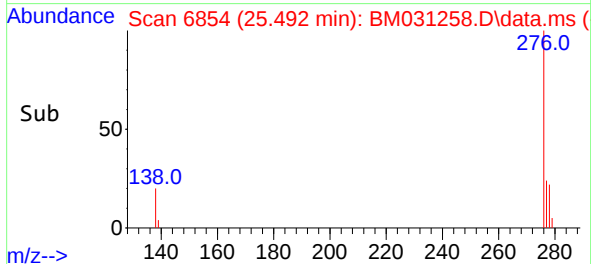
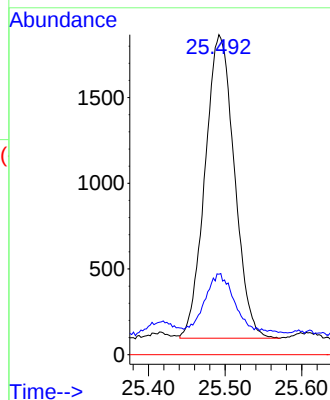
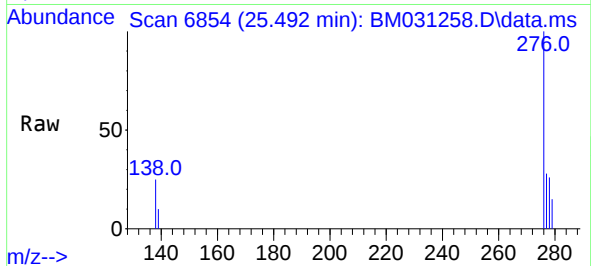
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.162 ng/ul
RT: 25.492 min Scan# 6854
Delta R.T. -0.005 min
Lab File: BM031258.D
Acq: 29 Jul 2021 20:59

Tgt Ion: 276 Resp: 4707
Ion Ratio Lower Upper
276 100
138 22.7 15.8 23.8
227 0.0 0.0 0.0

Instrument :
BNA_M
ClientSampleId :
C0013DL

Manual Integrations
APPROVED

mohammad
7/30/2021 12:02:21 PM



#28
Dibenzo(a,h)anthracene
Concen: 0.061 ng/ul
RT: 25.504 min Scan# 6859
Delta R.T. -0.010 min
Lab File: BM031258.D
Acq: 29 Jul 2021 20:59

Tgt Ion: 278 Resp: 1427
Ion Ratio Lower Upper
278 100
139 41.3 13.3 19.9#
279 53.7 22.8 34.2#

