

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
 Data File : BM031702.D
 Acq On : 13 Aug 2021 07:08
 Operator : CG/JU
 Sample : M3182-18DL 5X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00D6DL

Manual Integrations
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Quant Time: Aug 13 07:58:16 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 : Fri Aug 13 05:12:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.566	152	1301	0.400	ng/ul	0.00
4) Naphthalene-d8	10.329	136	4733	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.201	164	2547	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.954	188	4864	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.152	240	3980	0.400	ng/ul	# 0.00
23) Perylene-d12	23.307	264	4039	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.186	96	822	0.569	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.926	152	334	0.042	ng/ul	0.00
18) Fluoranthene-d10	18.986	212	567	0.043	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.379	128	2917	0.207	ng/ul	96
7) 2-Methylnaphthalene	12.002	142	2249	0.233	ng/ul	97
8) 1-Methylnaphthalene	12.223	142	1110	0.117	ng/ul	98
10) Acenaphthylene	13.927	152	346	0.032	ng/ul#	61
12) Fluorene	15.263	166	216	0.021	ng/ul#	88
15) Phenanthrene	16.996	178	6040	0.391	ng/ul	99
16) Anthracene	17.086	178	412	0.028	ng/ul#	68
19) Fluoranthene	19.016	202	4163	0.245	ng/ul#	93
20) Pyrene	19.382	202	3600	0.209	ng/ul#	92
21) Benzo(a)anthracene	21.137	228	1589	0.099	ng/ul#	82
22) Chrysene	21.188	228	2666	0.160	ng/ul#	91
24) Benzo(b)fluoranthene	22.670	252	2420m	0.133	ng/ul	
25) Benzo(k)fluoranthene	22.708	252	793m	0.042	ng/ul	
26) Benzo(a)pyrene	23.215	252	1373	0.086	ng/ul#	26
27) Indeno(1,2,3-cd)pyrene	25.441	276	980	0.048	ng/ul#	98

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

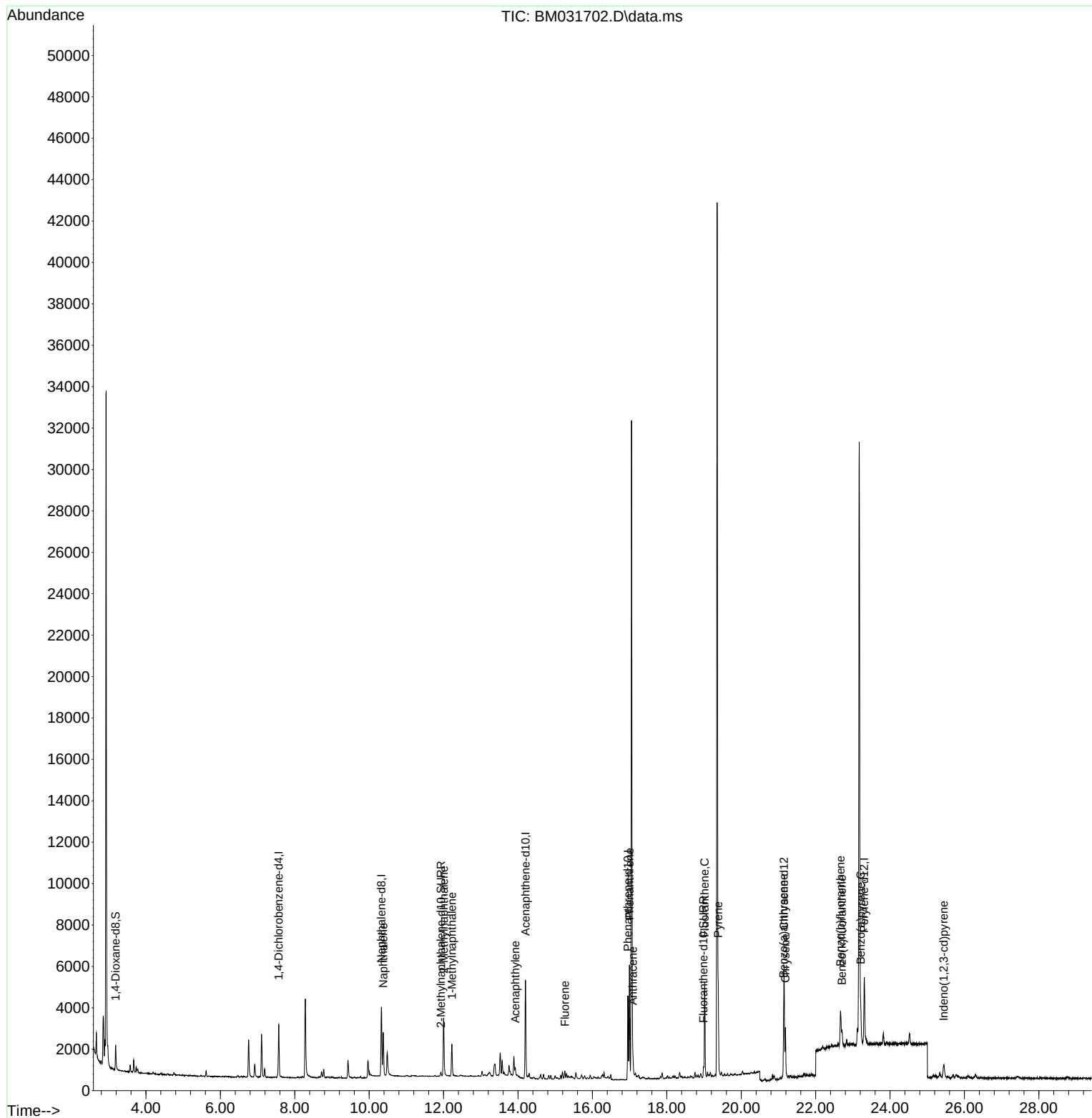
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Data File : BM031702.D
Acq On : 13 Aug 2021 07:08
Operator : CG/JU
Sample : M3182-18DL 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

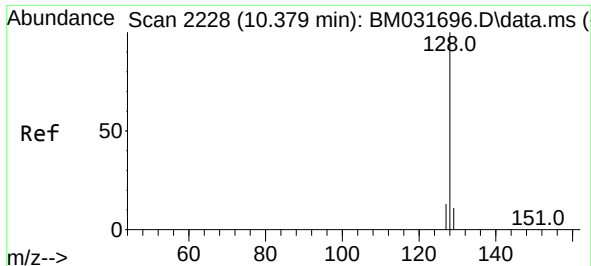
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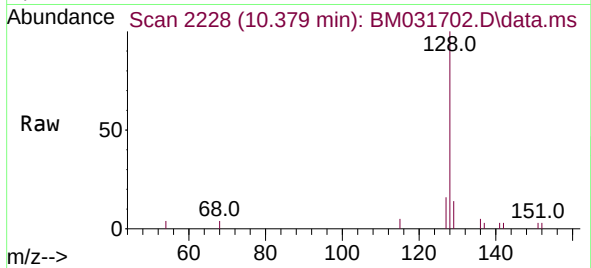
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Quant Time: Aug 13 07:58:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 13 05:12:04 2021
Response via : Initial Calibration

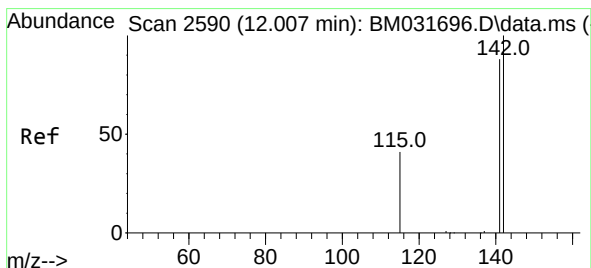
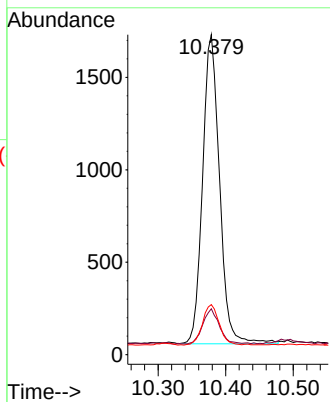
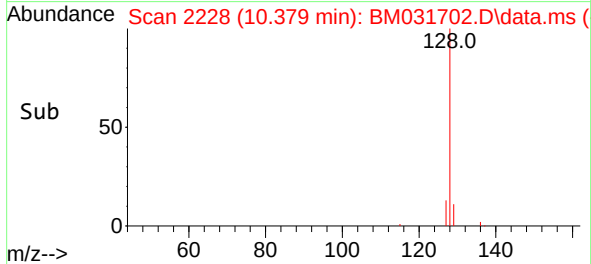




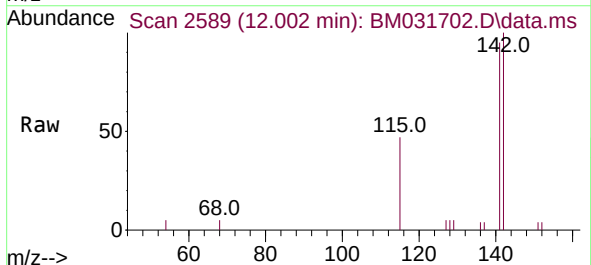
#5
Naphthalene
Concen: 0.207 ng/ul
RT: 10.379 min Scan# 2228
Delta R.T. -0.003 min
Lab File: BM031702.D
Acq: 13 Aug 2021 07:08



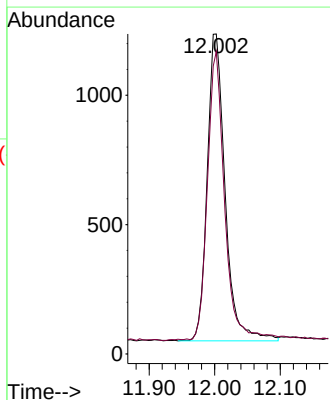
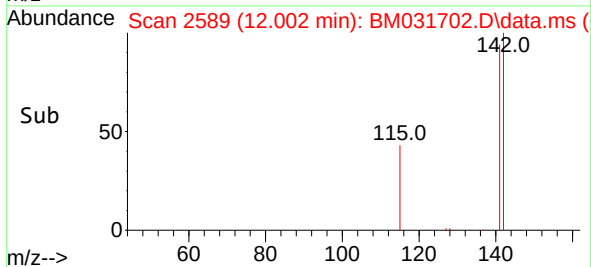
Tgt Ion:128 Resp: 2917
Ion Ratio Lower Upper
128 100
129 14.3 10.0 15.0
127 15.7 11.6 17.4



#7
2-Methylnaphthalene
Concen: 0.233 ng/ul
RT: 12.002 min Scan# 2589
Delta R.T. -0.003 min
Lab File: BM031702.D
Acq: 13 Aug 2021 07:08



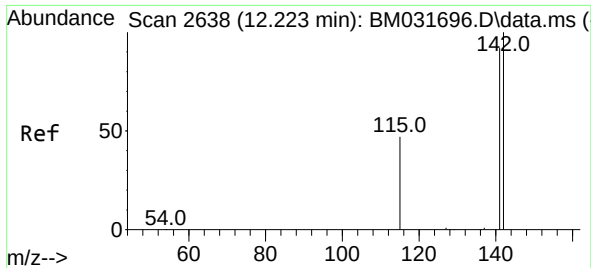
Tgt Ion:142 Resp: 2249
Ion Ratio Lower Upper
142 100
141 92.4 71.4 107.0



Instrument :
BNA_M
ClientSampleId :
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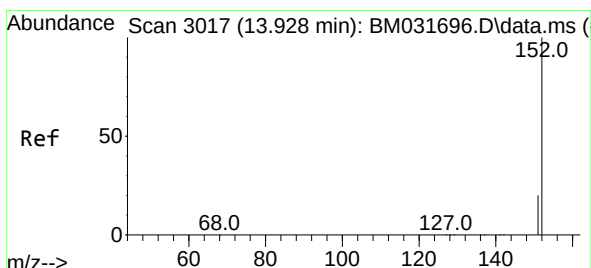
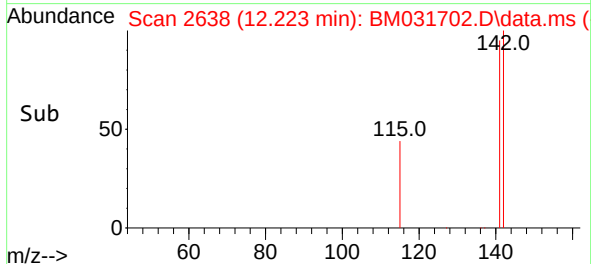
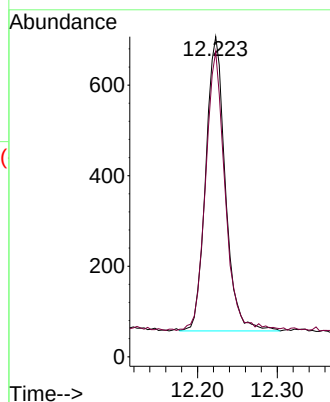
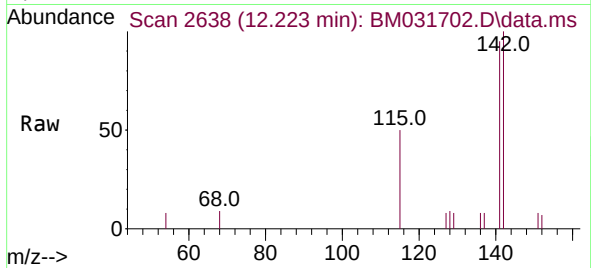
#8
1-Methylnaphthalene
Concen: 0.117 ng/ul
RT: 12.223 min Scan# 2638
Delta R.T. -0.003 min
Lab File: BM031702.D
Acq: 13 Aug 2021 07:08

Tgt Ion:142 Resp: 1110
Ion Ratio Lower Upper
142 100
141 94.6 74.1 111.1

Instrument :
BNA_M
ClientSampled :
C00D6DL

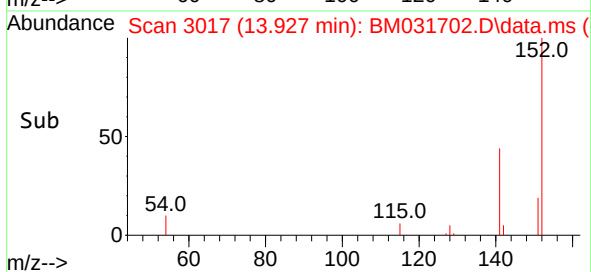
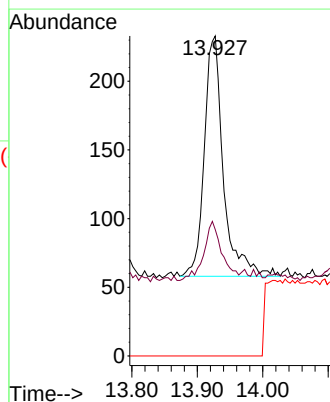
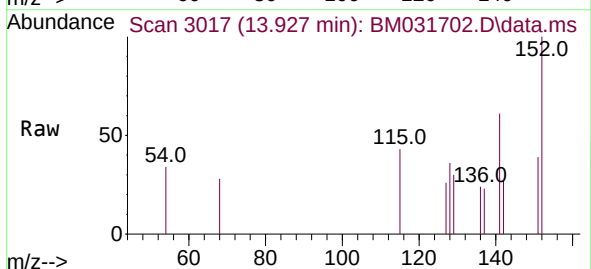
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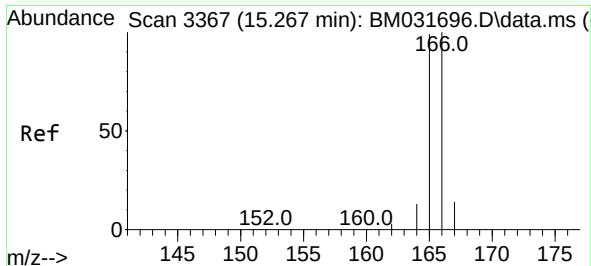
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#10
Acenaphthylene
Concen: 0.032 ng/ul
RT: 13.927 min Scan# 3017
Delta R.T. -0.003 min
Lab File: BM031702.D
Acq: 13 Aug 2021 07:08

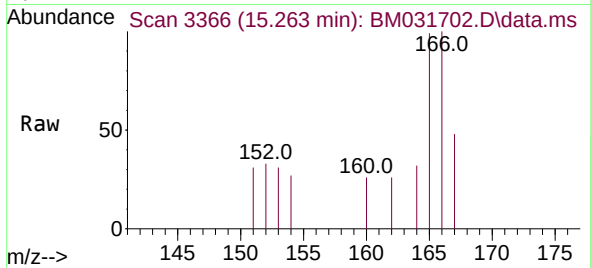
Tgt Ion:152 Resp: 346
Ion Ratio Lower Upper
152 100
151 39.5 16.9 25.3#
153 0.0 0.0 0.0





#12
Fluorene
Concen: 0.021 ng/ul
RT: 15.263 min Scan# 3366
Delta R.T. -0.007 min
Lab File: BM031702.D
Acq: 13 Aug 2021 07:08

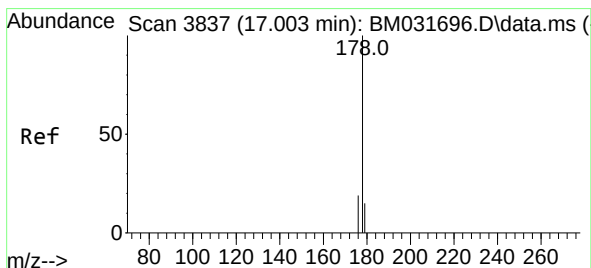
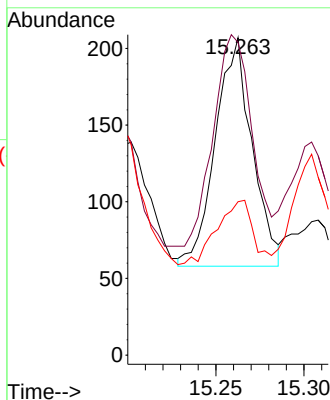
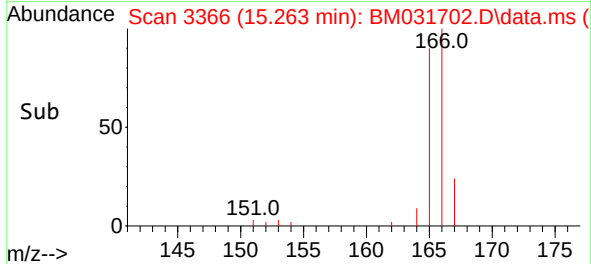
Instrument :
BNA_M
ClientSampled :
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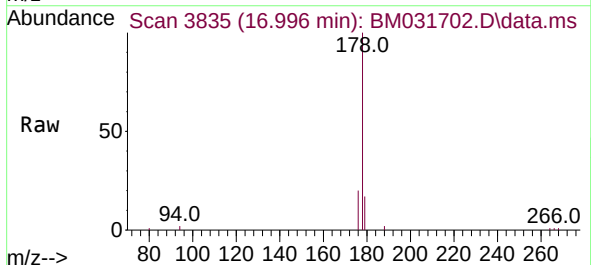
Tgt Ion:166 Resp: 216
Ion Ratio Lower Upper
166 100
165 98.6 78.0 117.0
167 48.3 12.0 18.0#

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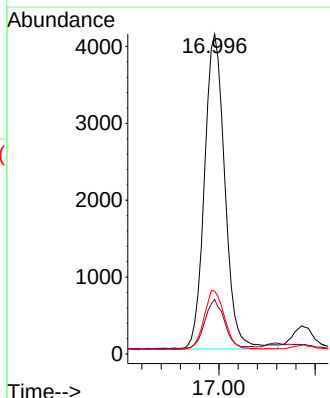
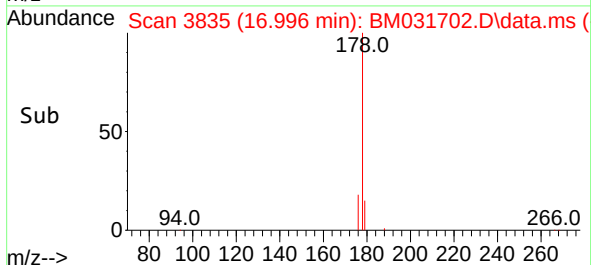
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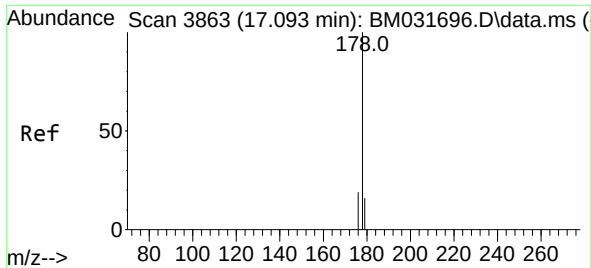


#15
Phenanthrene
Concen: 0.391 ng/ul
RT: 16.996 min Scan# 3835
Delta R.T. -0.007 min
Lab File: BM031702.D
Acq: 13 Aug 2021 07:08

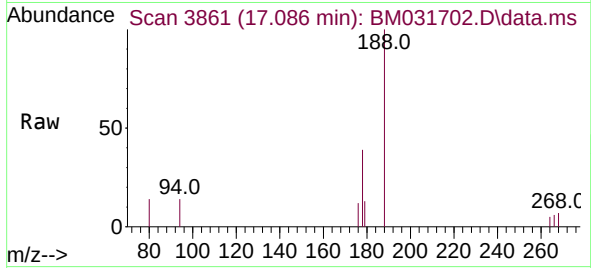


Tgt Ion:178 Resp: 6040
Ion Ratio Lower Upper
178 100
179 17.1 13.3 19.9
176 19.6 16.2 24.4

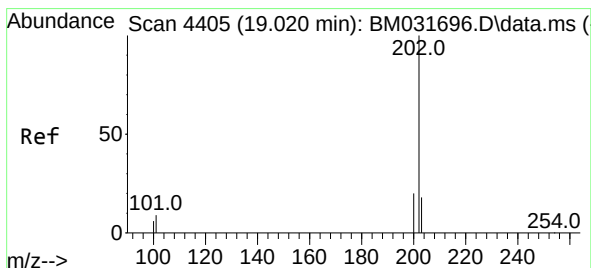
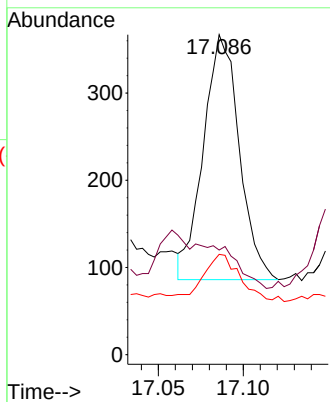
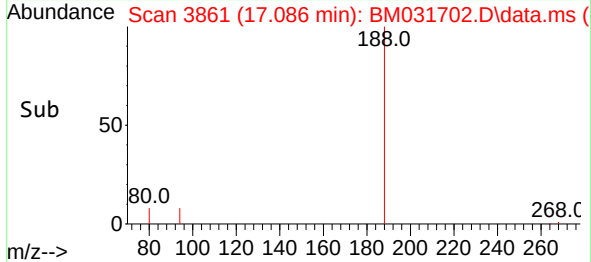




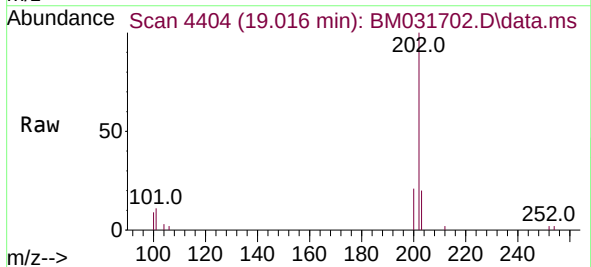
#16
 Anthracene
 Concen: 0.028 ng/ul
 RT: 17.086 min Scan# 3861
 Delta R.T. -0.010 min
 Lab File: BM031702.D
 Acq: 13 Aug 2021 07:08



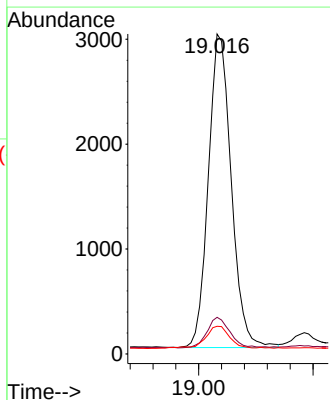
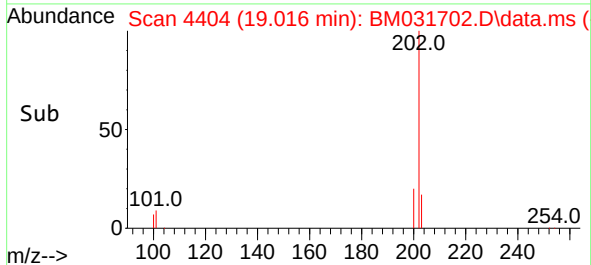
Tgt Ion:	178	Resp:	412
Ion Ratio	Lower	Upper	
178	100		
179	32.7	13.0	19.6#
176	31.3	15.6	23.4#



#19
 Fluoranthene
 Concen: 0.245 ng/ul
 RT: 19.016 min Scan# 4404
 Delta R.T. -0.011 min
 Lab File: BM031702.D
 Acq: 13 Aug 2021 07:08



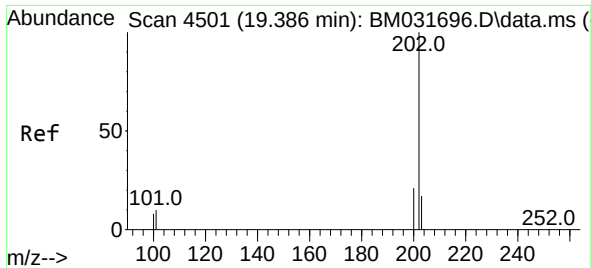
Tgt Ion:	202	Resp:	4163
Ion Ratio	Lower	Upper	
202	100		
101	11.4	6.6	10.0#
100	8.7	5.4	8.0#



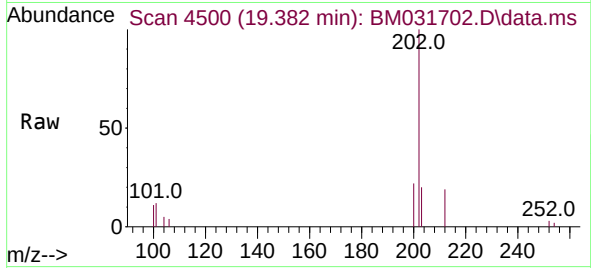
Instrument :
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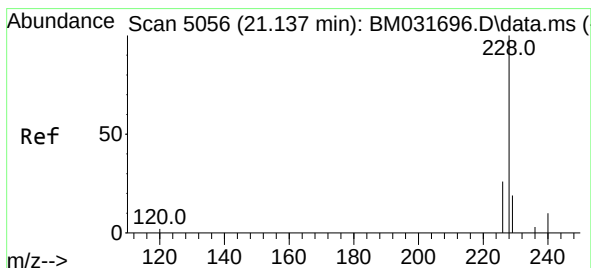
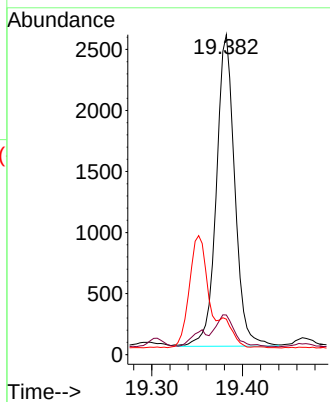
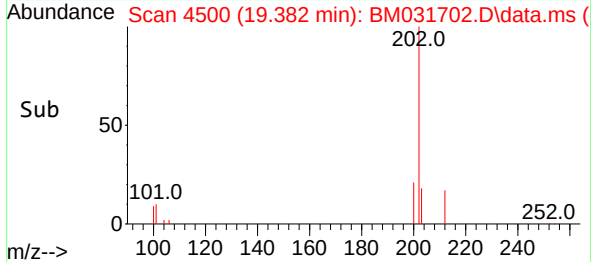
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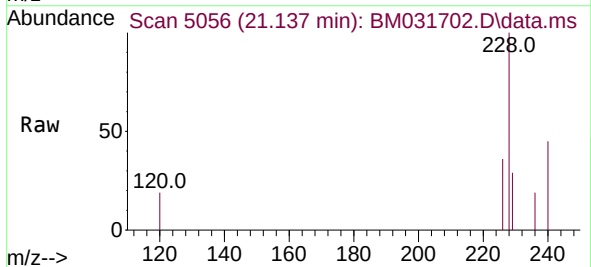
#20
Pyrene
Concen: 0.209 ng/ul
RT: 19.382 min Scan# 4500
Delta R.T. -0.007 min
Lab File: BM031702.D
Acq: 13 Aug 2021 07:08



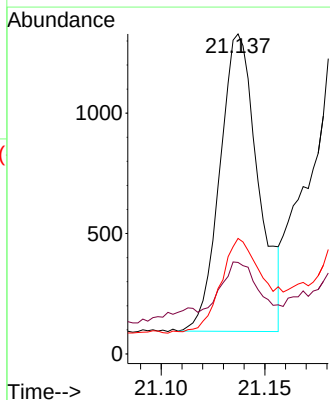
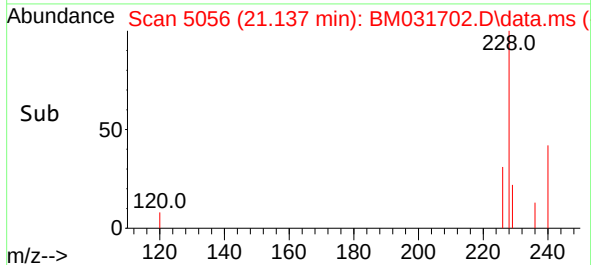
Tgt Ion:202 Resp: 3600
Ion Ratio Lower Upper
202 100
101 12.4 7.8 11.6#
100 11.1 6.6 10.0#



#21
Benzo(a)anthracene
Concen: 0.099 ng/ul
RT: 21.137 min Scan# 5056
Delta R.T. -0.007 min
Lab File: BM031702.D
Acq: 13 Aug 2021 07:08



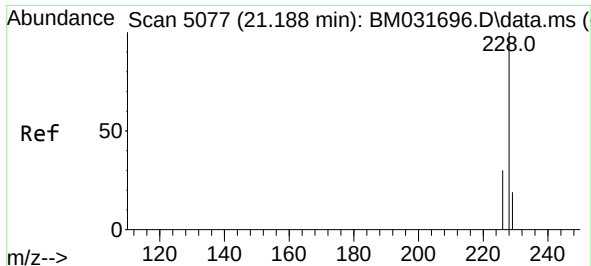
Tgt Ion:228 Resp: 1589
Ion Ratio Lower Upper
228 100
229 28.6 15.6 23.4#
226 36.1 21.7 32.5#



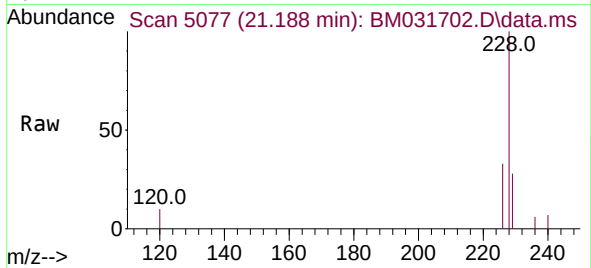
Instrument :
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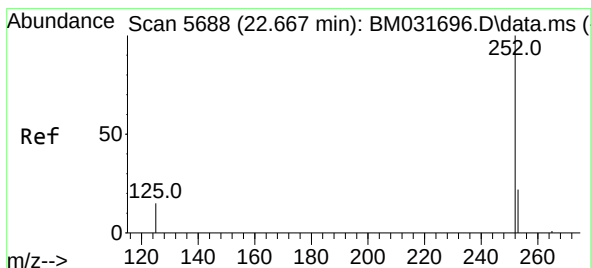
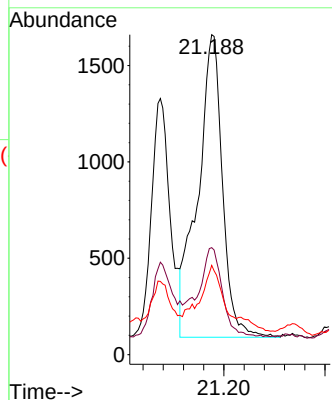
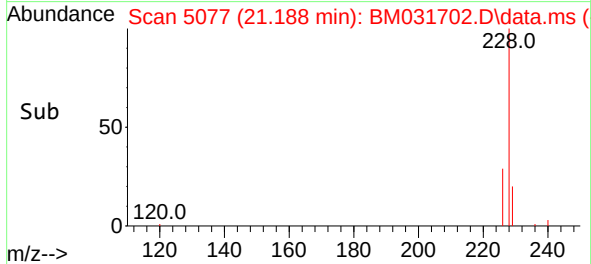
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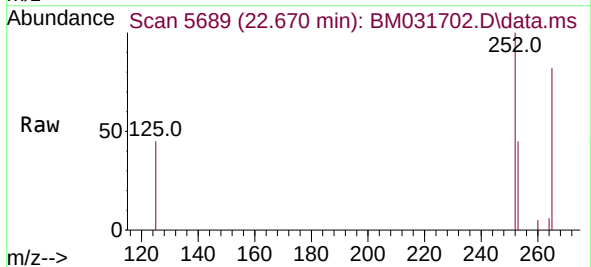
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Chrysene
Concen: 0.160 ng/ul
RT: 21.188 min Scan# 5077
Delta R.T. -0.007 min
Lab File: BM031702.D
Acq: 13 Aug 2021 07:08



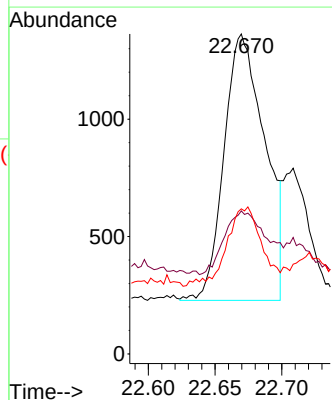
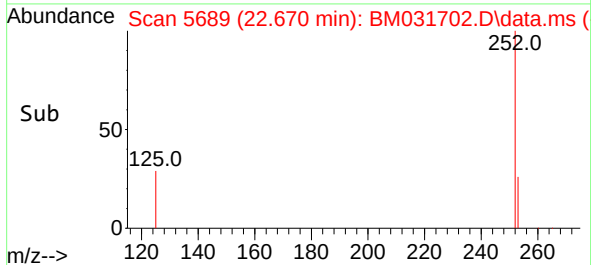
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Ion Ratio Lower Upper
228 100
226 33.4 24.7 37.1
229 27.9 16.2 24.2#



#24
Benzo(b)fluoranthene
Concen: 0.133 ng/ul m
RT: 22.670 min Scan# 5689
Delta R.T. -0.007 min
Lab File: BM031702.D
Acq: 13 Aug 2021 07:08



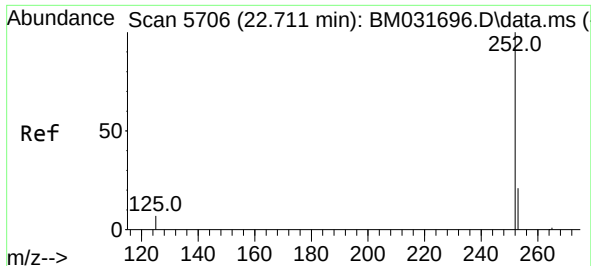
Tgt Ion:252 Resp: 2420
Ion Ratio Lower Upper
252 100
253 44.7 0.0 53.0
125 45.3 0.0 22.8#



Instrument :
BNA_M
ClientSampled :
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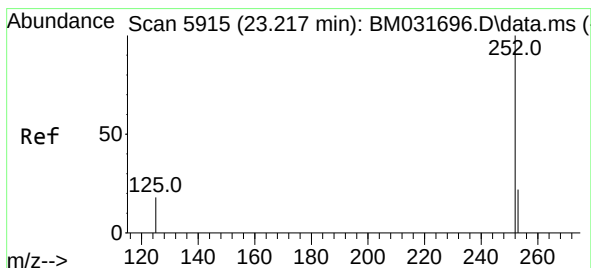
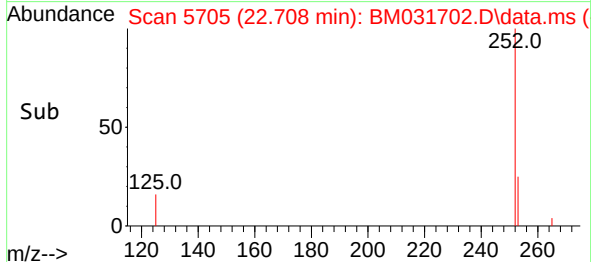
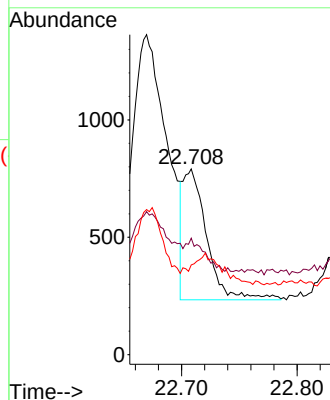
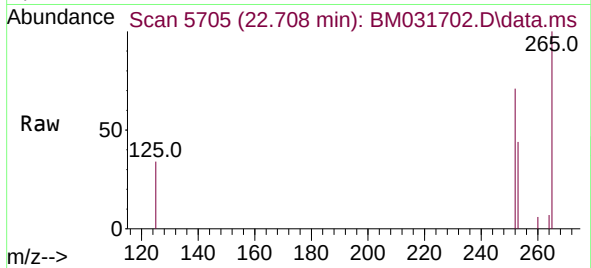
#25
Benzo(k)fluoranthene
Concen: 0.042 ng/ul m
RT: 22.708 min Scan# 5705
Delta R.T. -0.012 min
Lab File: BM031702.D
Acq: 13 Aug 2021 07:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	62.7	21.3	31.9#
125	48.3	8.8	13.2#

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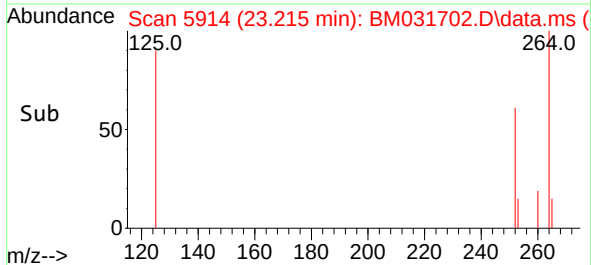
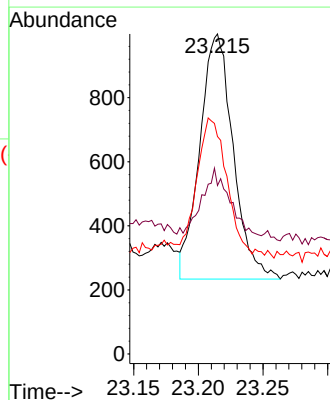
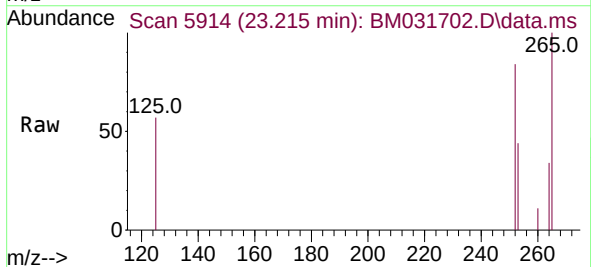
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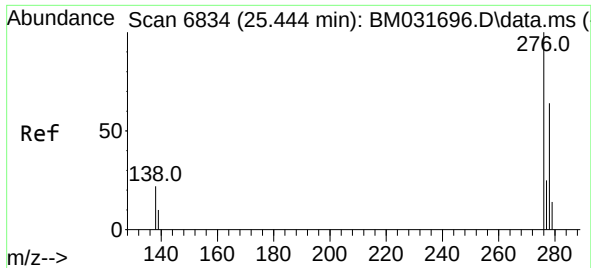
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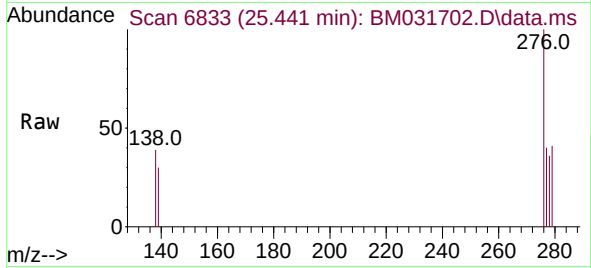
#26
Benzo(a)pyrene
Concen: 0.086 ng/ul
RT: 23.215 min Scan# 5914
Delta R.T. -0.012 min
Lab File: BM031702.D
Acq: 13 Aug 2021 07:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	52.7	22.4	33.6#
125	68.0	13.0	19.4#

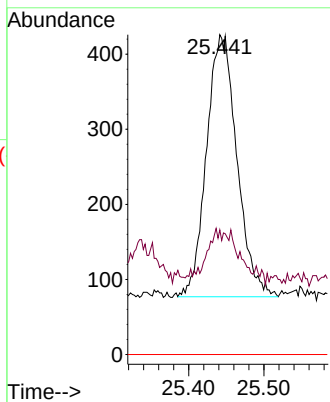
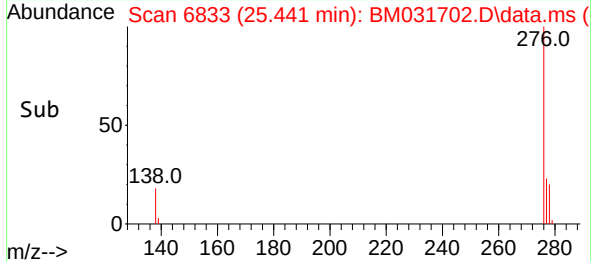




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.048 ng/ul
 RT: 25.441 min Scan# 6833
 Delta R.T. -0.019 min
 Lab File: BM031702.D
 Acq: 13 Aug 2021 07:08



Tgt Ion: 276 Resp: 980
 Ion Ratio Lower Upper
 276 100
 138 19.1 15.8 23.8
 227 0.0 0.0 0.0



Instrument :
 BNA_M
 ClientSampleID :
 C00D6DL

Manual Integrations
 APPROVED

mohammad
 8/13/2021 5:15:11 PM