

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
 Data File : BM031422.D
 Acq On : 03 Aug 2021 21:35
 Operator : CG/JU
 Sample : M3122-15
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGER2

Manual Integrations
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Quant Time: Aug 04 02:37:59 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 : Tue Aug 03 13:47:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.597	152	1261	0.400	ng/ul	0.00
4) Naphthalene-d8	10.356	136	4858	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.227	164	2814	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.975	188	5341	0.400	ng/ul	0.00
17) Chrysene-d12	21.164	240	4614	0.400	ng/ul	0.00
23) Perylene-d12	23.326	264	4489	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.192	96	2616	1.868	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.953	152	921	0.113	ng/ul	0.00
18) Fluoranthene-d10	19.008	212	1814	0.118	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.410	128	1342	0.093	ng/ul#	91
7) 2-Methylnaphthalene	12.029	142	228	0.023	ng/ul	95
10) Acenaphthylene	13.950	152	2582	0.215	ng/ul	98
11) Acenaphthene	14.288	153	563	0.056	ng/ul	96
12) Fluorene	15.282	166	1740	0.150	ng/ul#	96
15) Phenanthrene	17.016	178	37906	2.235	ng/ul	98
16) Anthracene	17.107	178	21016	1.324	ng/ul	99
19) Fluoranthene	19.035	202	110525	5.610	ng/ul	99
20) Pyrene	19.401	202	58111	2.908	ng/ul	100
21) Benzo(a)anthracene	21.149	228	70943	3.808	ng/ul	96
22) Chrysene	21.202	228	57286	2.972	ng/ul	98
24) Benzo(b)fluoranthene	22.687	252	65094m	3.218	ng/ul	
25) Benzo(k)fluoranthene	22.723	252	28418m	1.360	ng/ul	
26) Benzo(a)pyrene	23.232	252	20174	1.139	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.461	276	15771	0.689	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.473	278	8050	0.436	ng/ul#	92

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

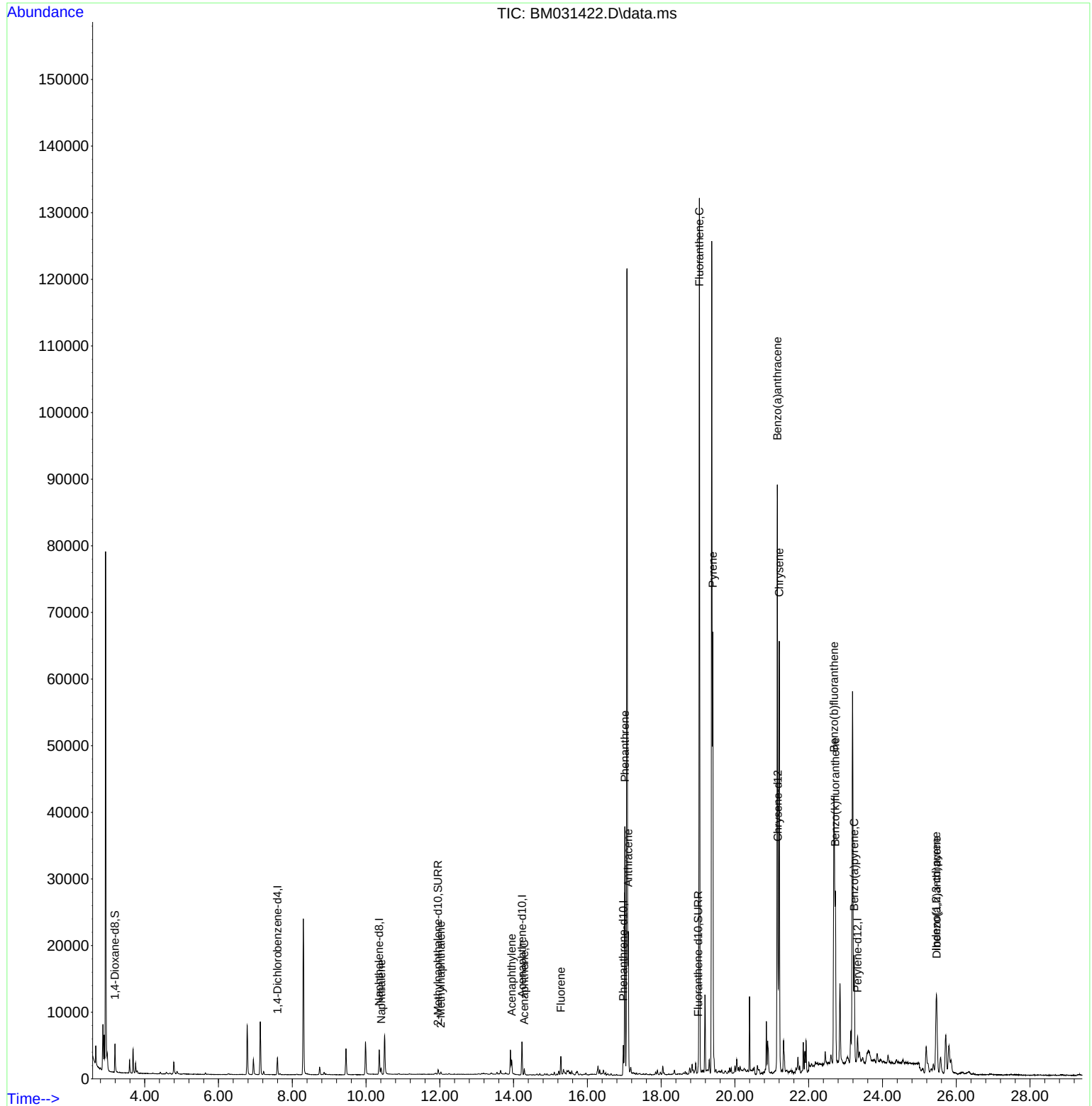
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
Data File : BM031422.D
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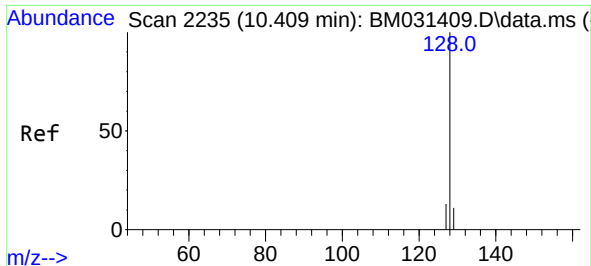
Instrument :
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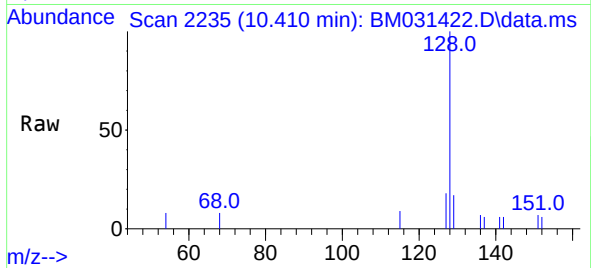
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Quant Time: Aug 04 02:37:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 13:47:07 2021
Response via : Initial Calibration

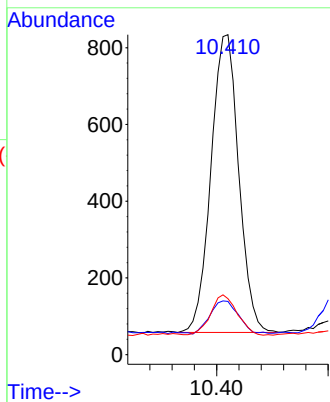
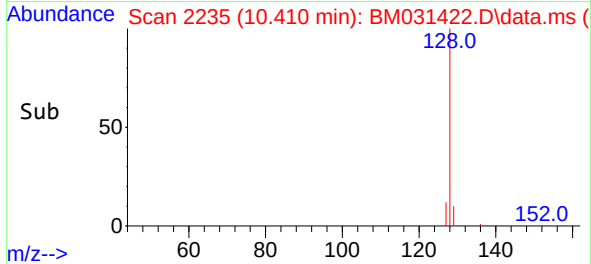




#5
Naphthalene
Concen: 0.093 ng/ul
RT: 10.410 min Scan# 2235
Delta R.T. 0.001 min
Lab File: BM031422.D
Acq: 03 Aug 2021 21:35



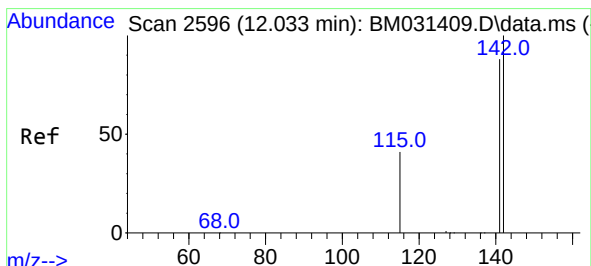
Tgt Ion:128 Resp: 1342
Ion Ratio Lower Upper
128 100
129 16.7 10.0 15.0#
127 17.5 11.6 17.4#



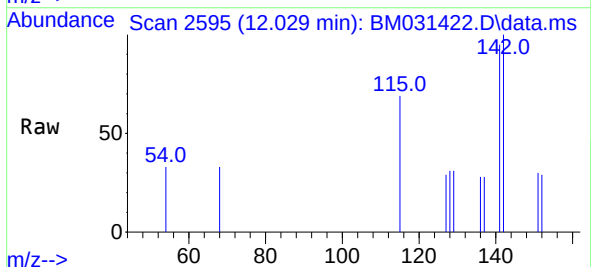
Instrument :
BNA_M
ClientSampled :
BGER2

Manual Integrations
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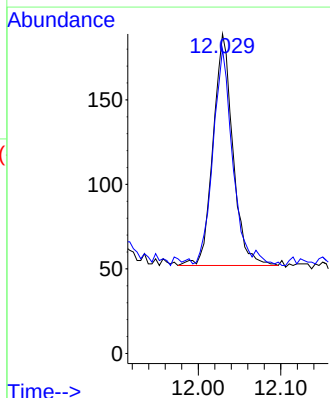
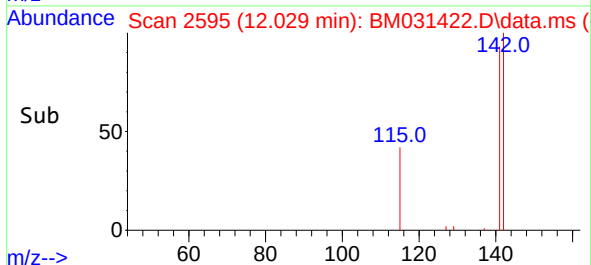
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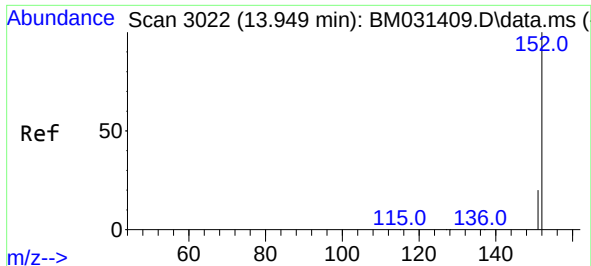


#7
2-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 12.029 min Scan# 2595
Delta R.T. -0.003 min
Lab File: BM031422.D
Acq: 03 Aug 2021 21:35

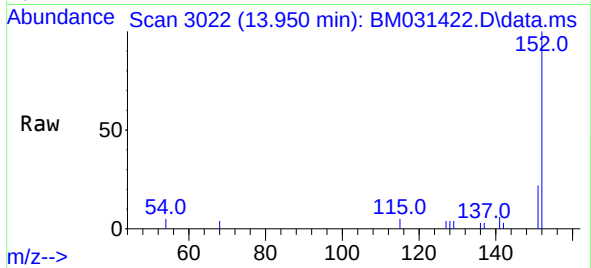


Tgt Ion:142 Resp: 228
Ion Ratio Lower Upper
142 100
141 94.3 71.4 107.0

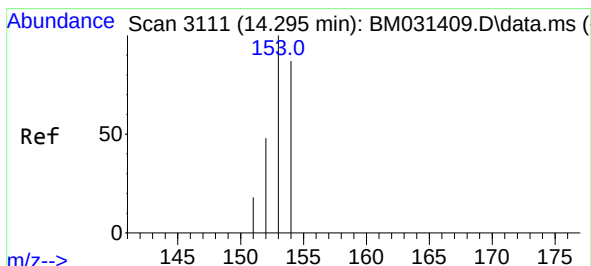
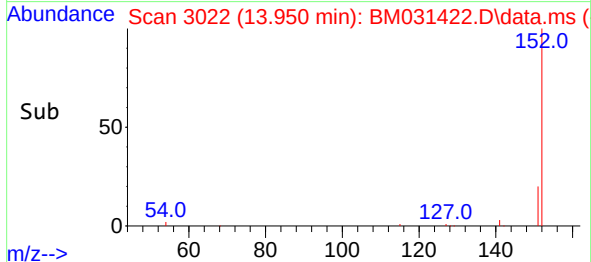
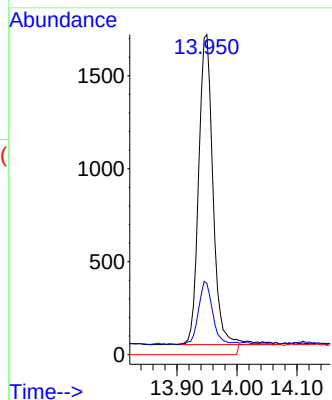




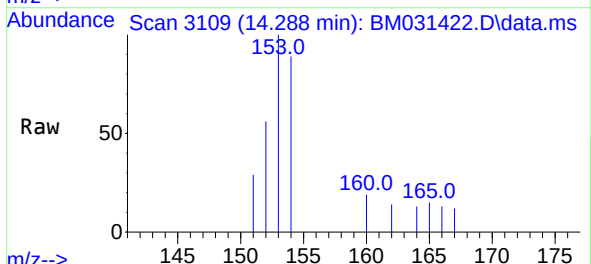
#10
Acenaphthylene
Concen: 0.215 ng/u1
RT: 13.950 min Scan# 3022
Delta R.T. 0.001 min
Lab File: BM031422.D
Acq: 03 Aug 2021 21:35



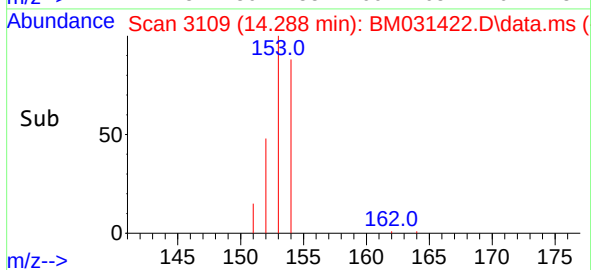
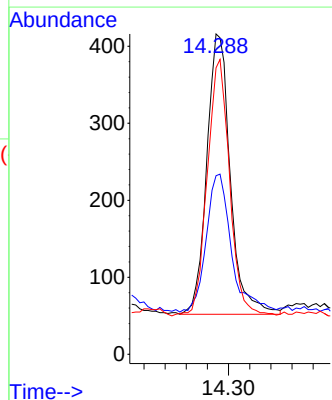
Tgt Ion:152 Resp: 2582
Ion Ratio Lower Upper
152 100
151 22.3 16.9 25.3
153 0.0 0.0 0.0



#11
Acenaphthene
Concen: 0.056 ng/u1
RT: 14.288 min Scan# 3109
Delta R.T. -0.007 min
Lab File: BM031422.D
Acq: 03 Aug 2021 21:35



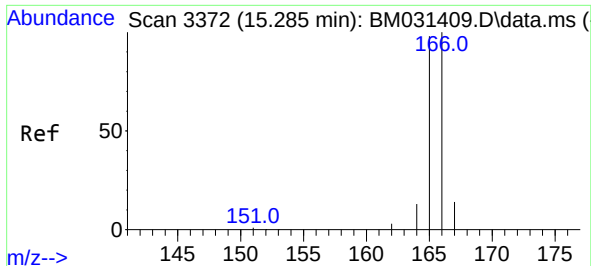
Tgt Ion:153 Resp: 563
Ion Ratio Lower Upper
153 100
152 55.8 40.7 61.1
154 89.4 70.2 105.2



Instrument :
BNA_M
ClientSampled :
BGER2

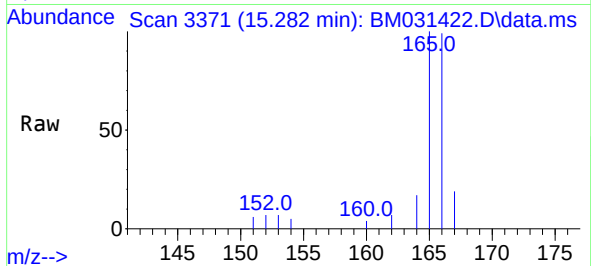
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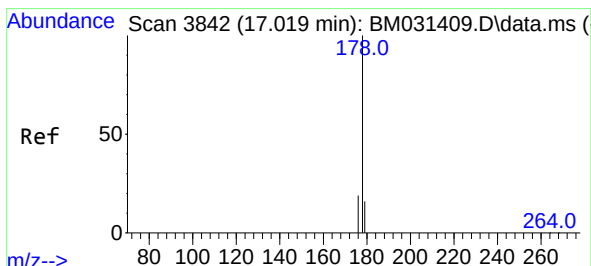
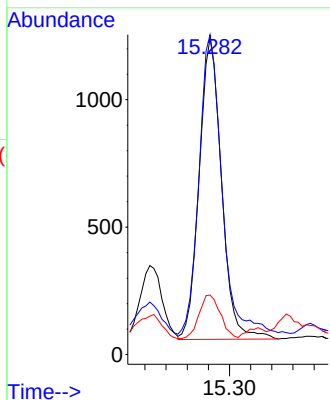
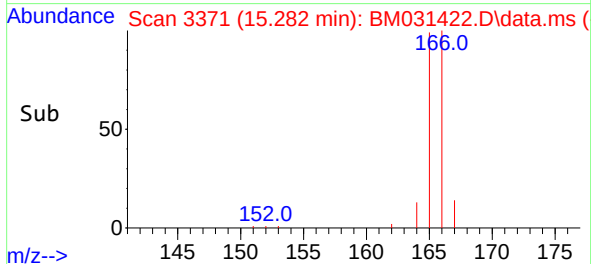


#12
Fluorene
Concen: 0.150 ng/ul
RT: 15.282 min Scan# 3371
Delta R.T. -0.003 min
Lab File: BM031422.D
Acq: 03 Aug 2021 21:35

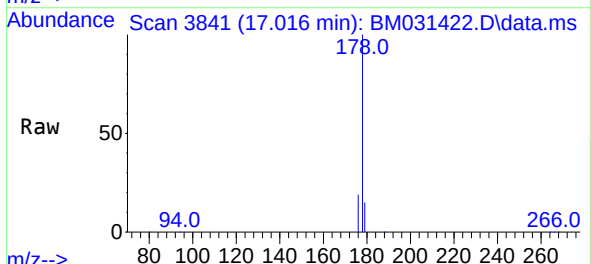
Instrument :
BNA_M
ClientSampled :
BGER2



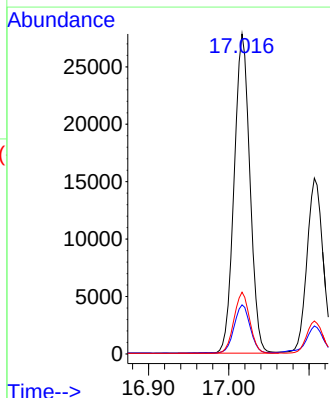
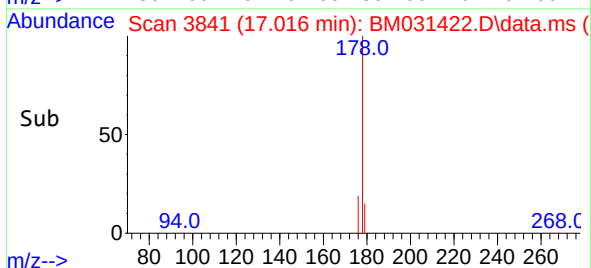
Tgt Ion:166 Resp: 1740
Ion Ratio Lower Upper
166 100
165 101.1 78.0 117.0
167 18.9 12.0 18.0#

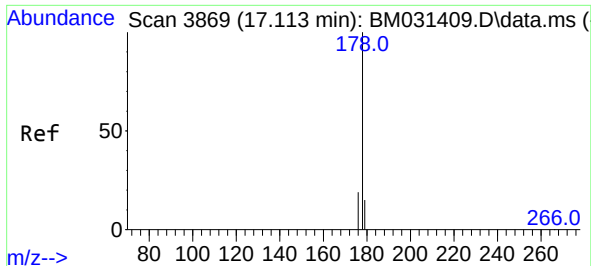


#15
Phenanthrene
Concen: 2.235 ng/ul
RT: 17.016 min Scan# 3841
Delta R.T. -0.003 min
Lab File: BM031422.D
Acq: 03 Aug 2021 21:35



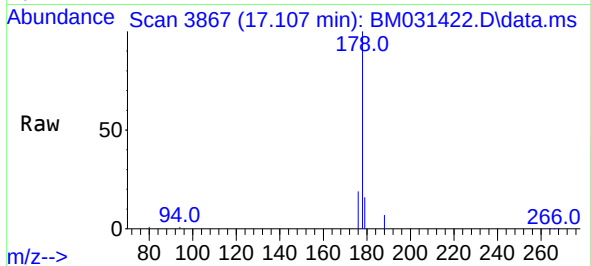
Tgt Ion:178 Resp: 37906
Ion Ratio Lower Upper
178 100
179 15.4 13.3 19.9
176 19.3 16.2 24.4





#16
 Anthracene
 Concen: 1.324 ng/ul
 RT: 17.107 min Scan# 3867
 Delta R.T. -0.007 min
 Lab File: BM031422.D
 Acq: 03 Aug 2021 21:35

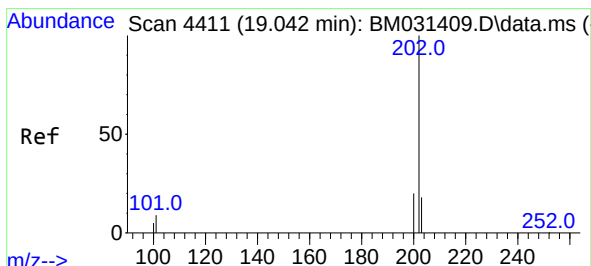
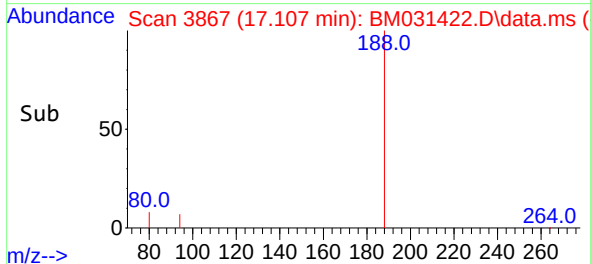
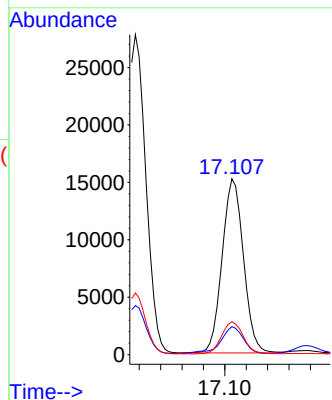
Instrument :
 BNA_M
 ClientSampled :
 BGER2



Tgt Ion:	178	Resp:	21016
Ion Ratio	Lower	Upper	
178	100		
179	15.9	13.0	19.6
176	18.8	15.6	23.4

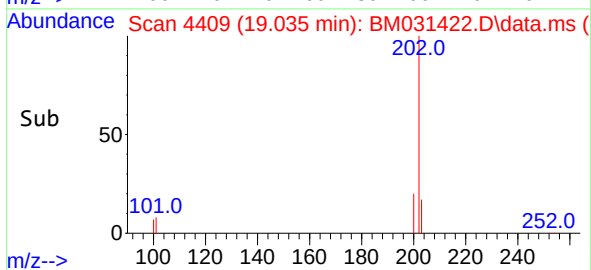
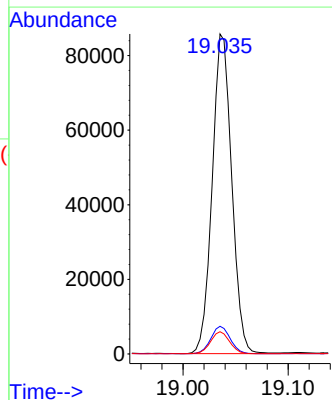
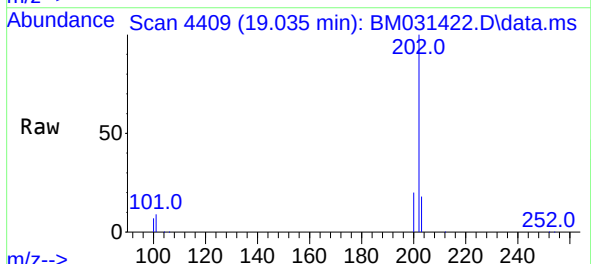
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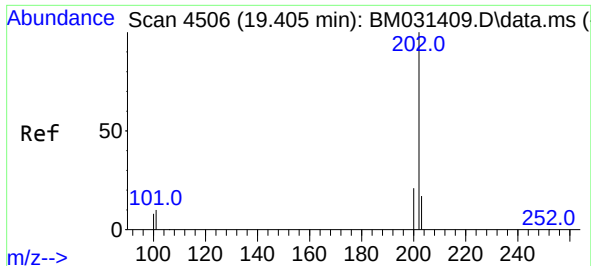
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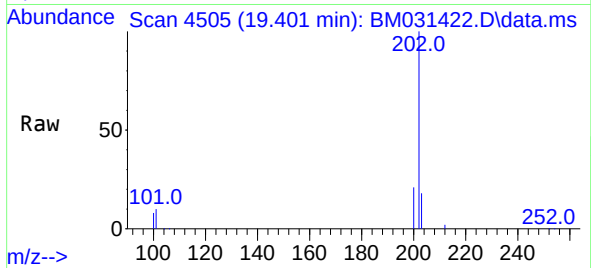
#19
 Fluoranthene
 Concen: 5.610 ng/ul
 RT: 19.035 min Scan# 4409
 Delta R.T. -0.007 min
 Lab File: BM031422.D
 Acq: 03 Aug 2021 21:35

Tgt Ion:	202	Resp:	110525
Ion Ratio	Lower	Upper	
202	100		
101	8.7	6.6	10.0
100	6.9	5.4	8.0

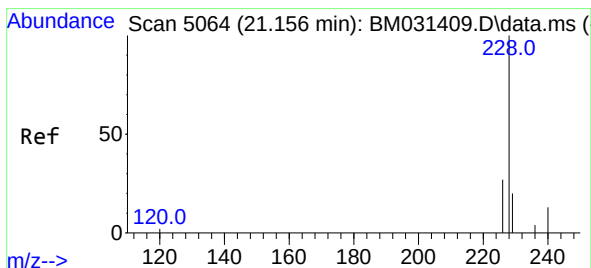
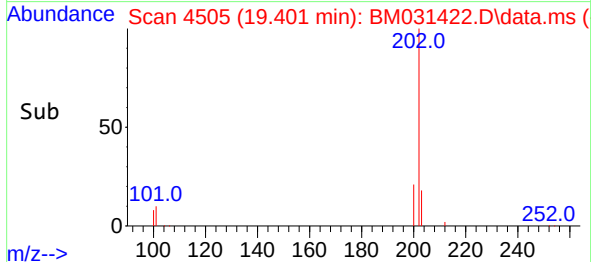
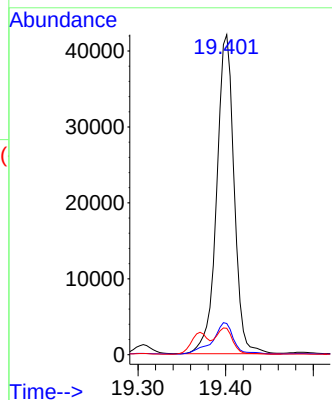




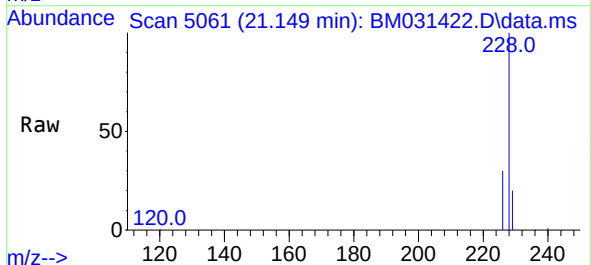
#20
Pyrene
Concen: 2.908 ng/u1
RT: 19.401 min Scan# 4505
Delta R.T. -0.003 min
Lab File: BM031422.D
Acq: 03 Aug 2021 21:35



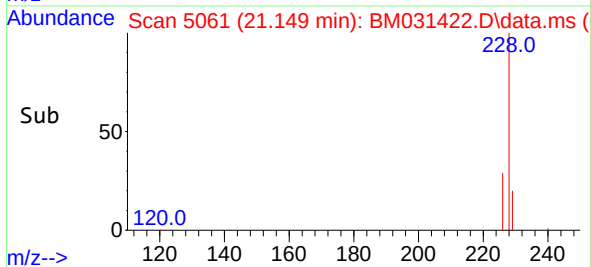
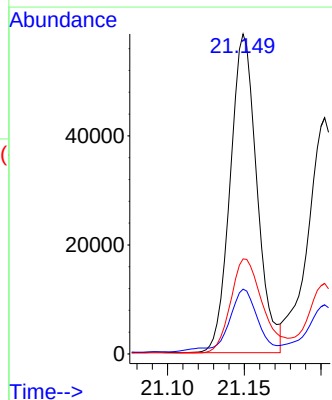
Tgt Ion:202 Resp: 58111
Ion Ratio Lower Upper
202 100
101 9.8 7.8 11.6
100 8.2 6.6 10.0



#21
Benzo(a)anthracene
Concen: 3.808 ng/u1
RT: 21.149 min Scan# 5061
Delta R.T. -0.007 min
Lab File: BM031422.D
Acq: 03 Aug 2021 21:35



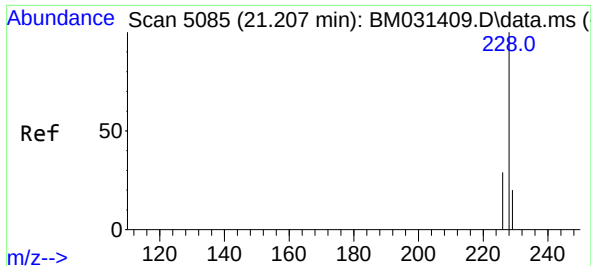
Tgt Ion:228 Resp: 70943
Ion Ratio Lower Upper
228 100
229 20.3 15.6 23.4
226 29.7 21.7 32.5



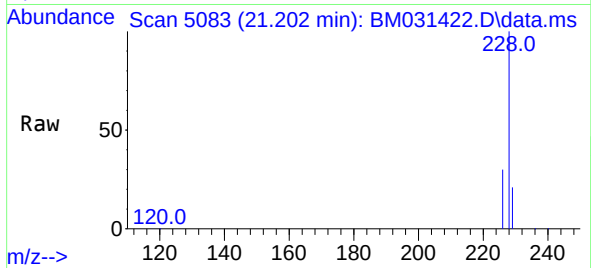
Instrument :
BNA_M
ClientSampled :
BGER2

Manual Integrations
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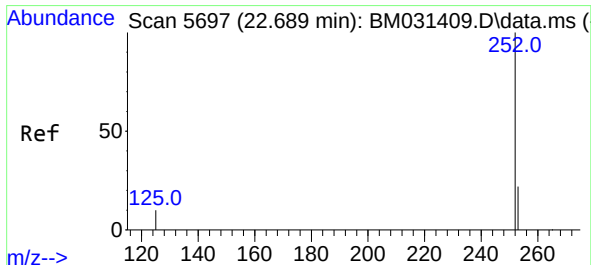
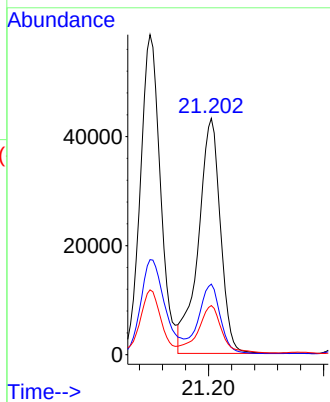
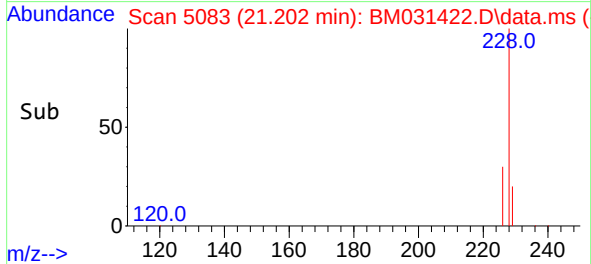
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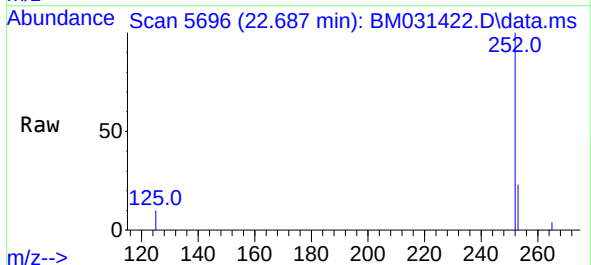
#22
Chrysene
Concen: 2.972 ng/ul
RT: 21.202 min Scan# 5083
Delta R.T. -0.004 min
Lab File: BM031422.D
Acq: 03 Aug 2021 21:35



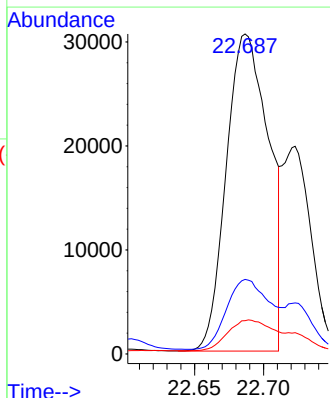
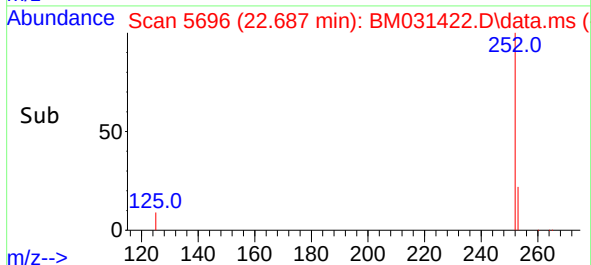
Tgt Ion:228 Resp: 57286
Ion Ratio Lower Upper
228 100
226 29.8 24.7 37.1
229 20.8 16.2 24.2



#24
Benzo(b)fluoranthene
Concen: 3.218 ng/ul m
RT: 22.687 min Scan# 5696
Delta R.T. -0.002 min
Lab File: BM031422.D
Acq: 03 Aug 2021 21:35



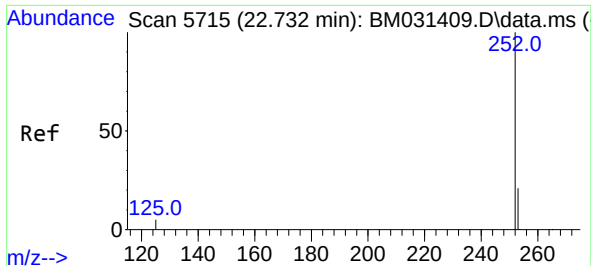
Tgt Ion:252 Resp: 65094
Ion Ratio Lower Upper
252 100
253 23.3 0.0 53.0
125 10.4 0.0 22.8



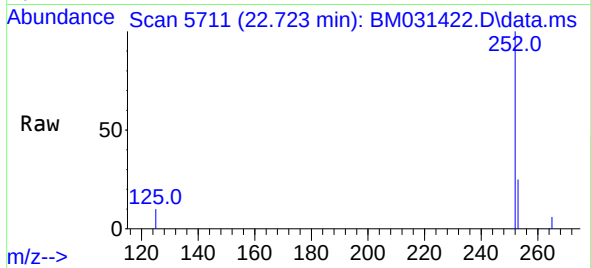
Instrument :
BNA_M
ClientSampled :
BGER2

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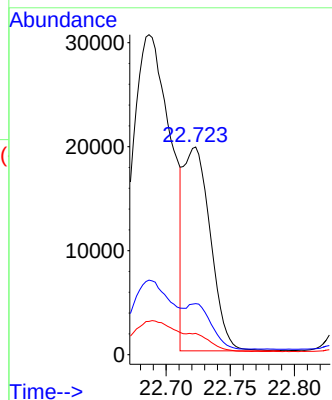
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#25
Benzo(k)fluoranthene
Concen: 1.360 ng/ul m
RT: 22.723 min Scan# 5711
Delta R.T. -0.009 min
Lab File: BM031422.D
Acq: 03 Aug 2021 21:35



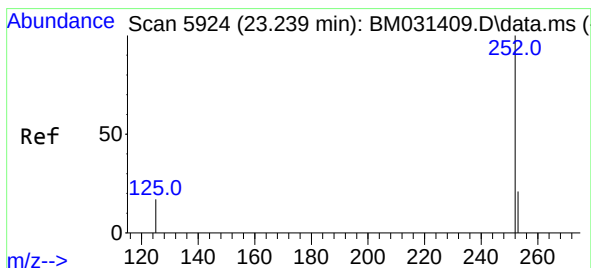
Tgt Ion:252 Resp: 28418
Ion Ratio Lower Upper
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253 24.6 21.3 31.9
125 10.3 8.8 13.2



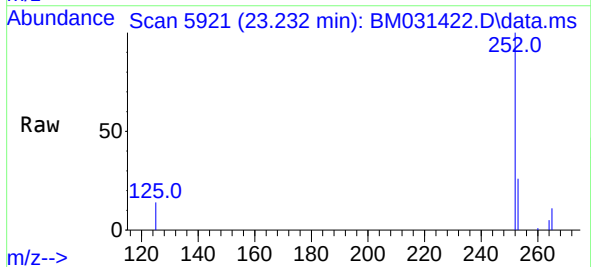
Instrument :
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ClientSampled :
BGER2

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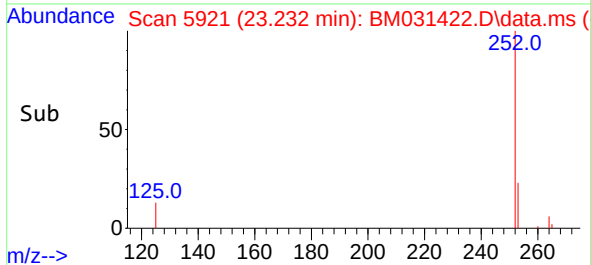
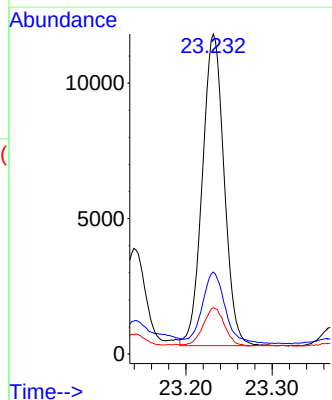
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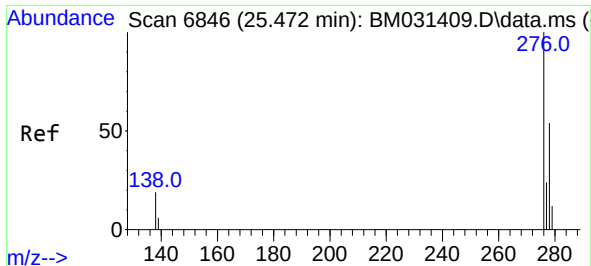


#26
Benzo(a)pyrene
Concen: 1.139 ng/ul
RT: 23.232 min Scan# 5921
Delta R.T. -0.007 min
Lab File: BM031422.D
Acq: 03 Aug 2021 21:35



Tgt Ion:252 Resp: 20174
Ion Ratio Lower Upper
252 100
253 25.6 22.4 33.6
125 14.5 13.0 19.4





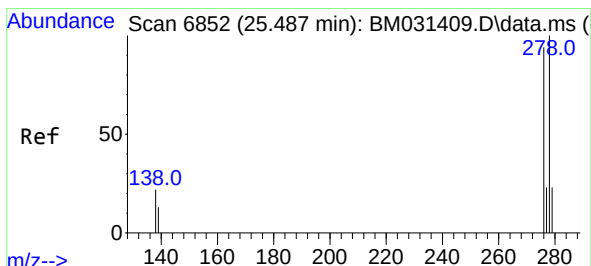
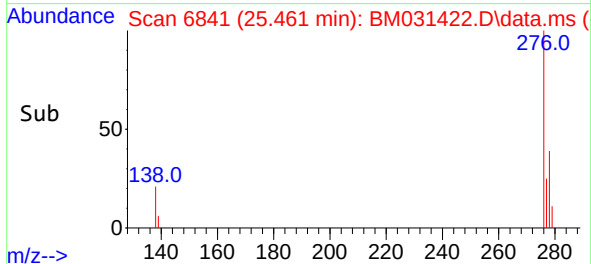
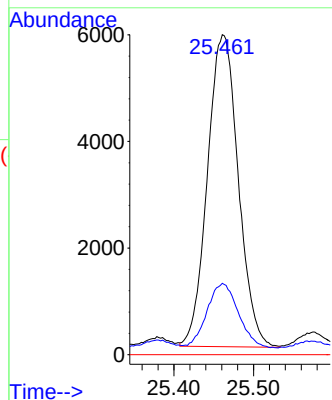
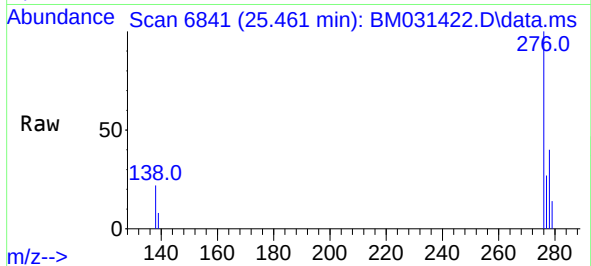
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.689 ng/ul
RT: 25.461 min Scan# 6841
Delta R.T. -0.012 min
Lab File: BM031422.D
Acq: 03 Aug 2021 21:35

Tgt Ion:	276	Resp:	15771
Ion Ratio	Lower	Upper	
276	100		
138	21.5	15.8	23.8
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampled :
BGER2

Manual Integrations
APPROVED

mohammad
8/4/2021 3:48:09 PM



#28
Dibenzo(a,h)anthracene
Concen: 0.436 ng/ul
RT: 25.473 min Scan# 6846
Delta R.T. -0.014 min
Lab File: BM031422.D
Acq: 03 Aug 2021 21:35

Tgt Ion:	278	Resp:	8050
Ion Ratio	Lower	Upper	
278	100		
139	18.4	13.3	19.9
279	34.3	22.8	34.2#

