

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
 Data File : BM031426.D
 Acq On : 04 Aug 2021 00:39
 Operator : CG/JU
 Sample : M3122-03
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGEN6

Manual Integrations
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Quant Time: Aug 04 02:38:28 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	1226	0.400	ng/ul	0.00
4) Naphthalene-d8	10.356	136	4643	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.227	164	2760	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.975	188	5246	0.400	ng/ul	0.00
17) Chrysene-d12	21.166	240	4274	0.400	ng/ul	0.00
23) Perylene-d12	23.326	264	4113	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.192	96	3736	2.744	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.953	152	1219	0.156	ng/ul	0.00
18) Fluoranthene-d10	19.005	212	2115	0.148	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.406	128	882	0.064	ng/ul#	84
7) 2-Methylnaphthalene	12.029	142	205	0.022	ng/ul	98
10) Acenaphthylene	13.945	152	1370	0.117	ng/ul	91
11) Acenaphthene	14.288	153	432	0.044	ng/ul	96
12) Fluorene	15.281	166	737	0.065	ng/ul#	95
15) Phenanthrene	17.016	178	6511	0.391	ng/ul	99
16) Anthracene	17.107	178	4219	0.271	ng/ul	98
19) Fluoranthene	19.035	202	19909	1.091	ng/ul	99
20) Pyrene	19.401	202	3063m	0.165	ng/ul	
21) Benzo(a)anthracene	21.149	228	13449	0.779	ng/ul	94
22) Chrysene	21.202	228	9386	0.526	ng/ul	97
24) Benzo(b)fluoranthene	22.684	252	11261m	0.608	ng/ul	
25) Benzo(k)fluoranthene	22.723	252	5452m	0.285	ng/ul	
26) Benzo(a)pyrene	23.232	252	897	0.055	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.463	276	1166	0.056	ng/ul#	87
28) Dibenzo(a,h)anthracene	25.473	278	1605	0.095	ng/ul#	67

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

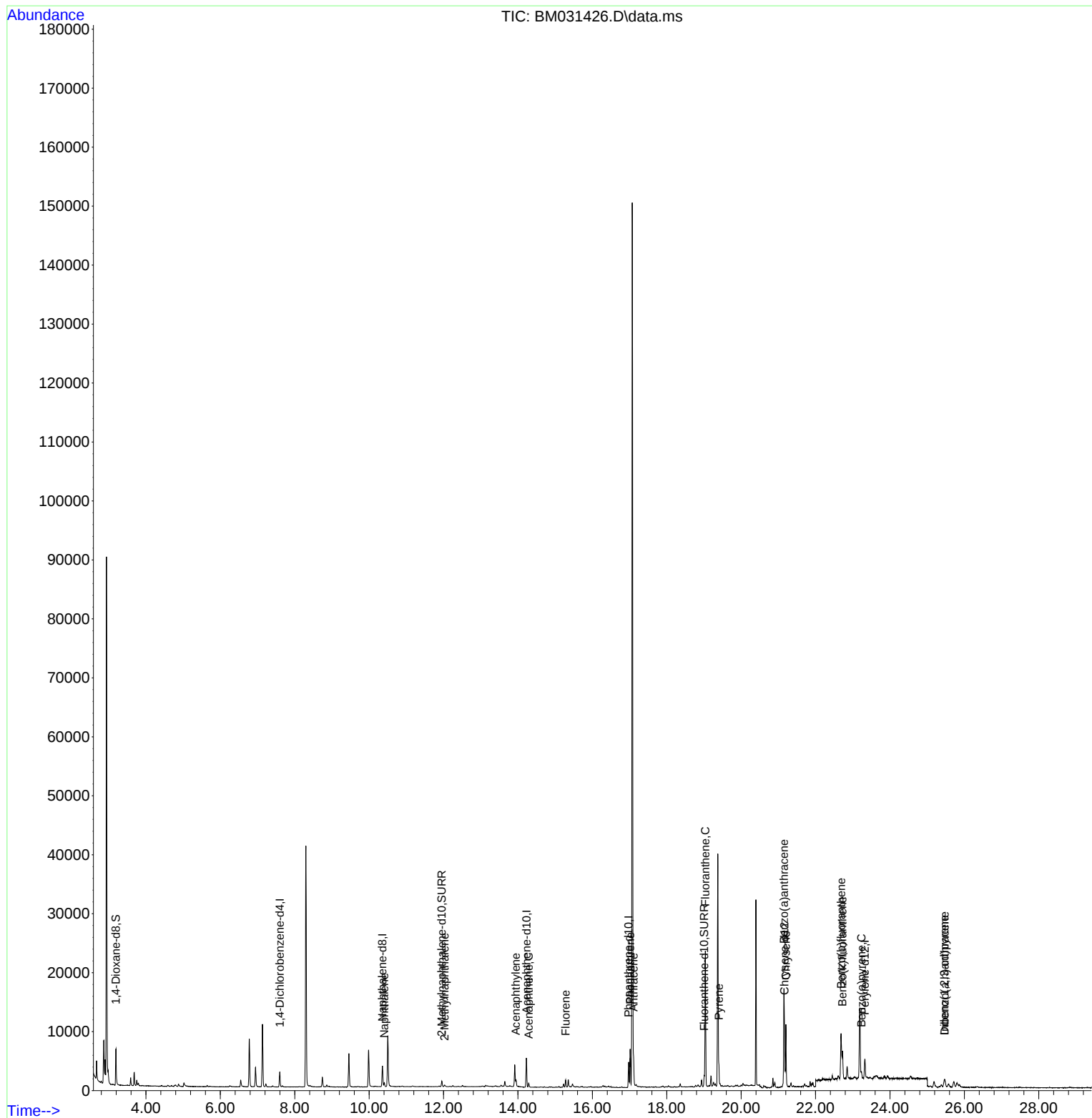
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
Data File : BM031426.D
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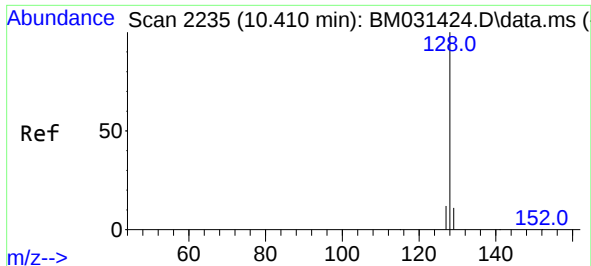
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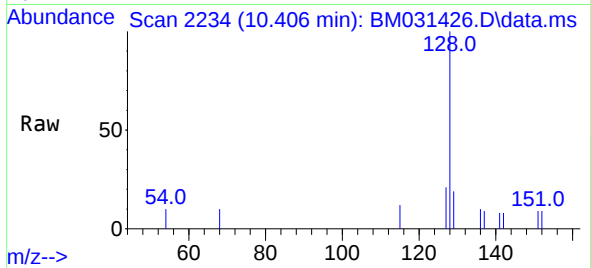
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Quant Time: Aug 04 02:38:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 13:47:07 2021
Response via : Initial Calibration

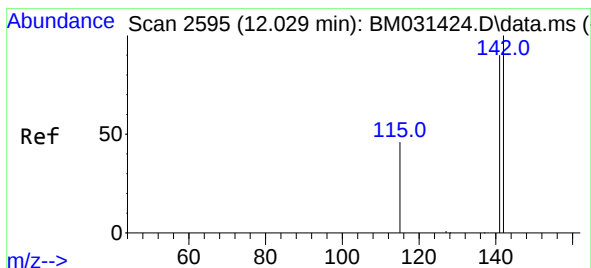
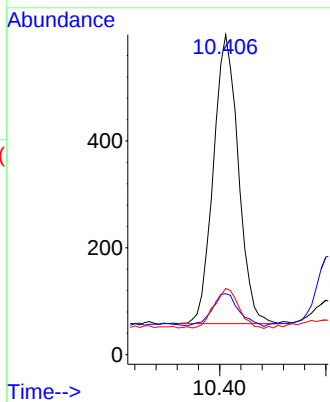
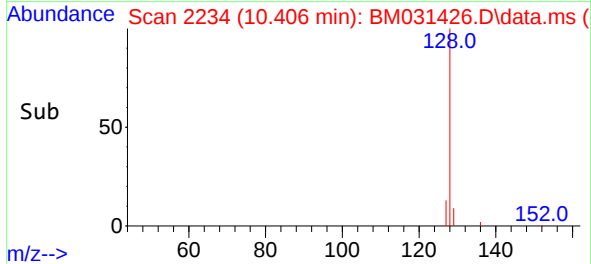




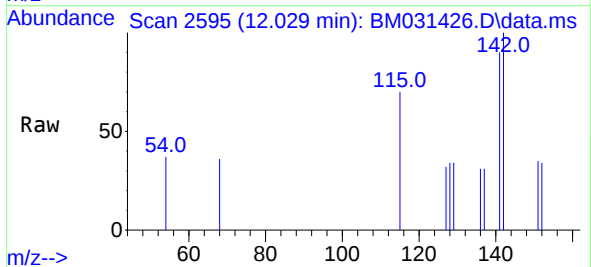
#5
Naphthalene
Concen: 0.064 ng/ul
RT: 10.406 min Scan# 2234
Delta R.T. -0.003 min
Lab File: BM031426.D
Acq: 04 Aug 2021 00:39



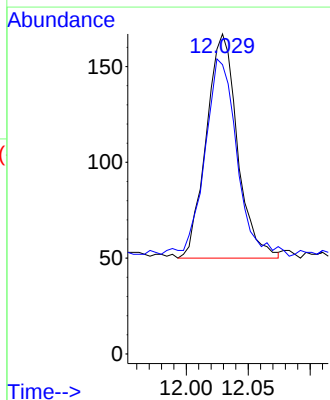
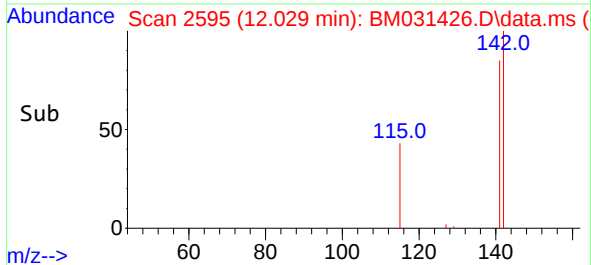
Tgt Ion:128 Resp: 882
Ion Ratio Lower Upper
128 100
129 19.0 10.0 15.0#
127 20.7 11.6 17.4#



#7
2-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.029 min Scan# 2595
Delta R.T. -0.003 min
Lab File: BM031426.D
Acq: 04 Aug 2021 00:39



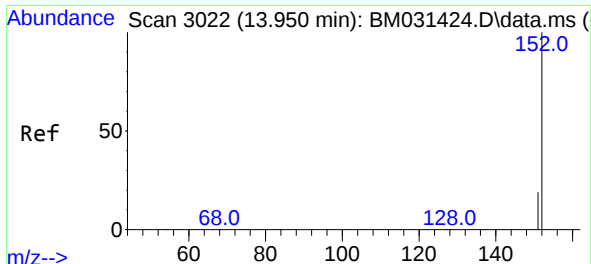
Tgt Ion:142 Resp: 205
Ion Ratio Lower Upper
142 100
141 91.2 71.4 107.0



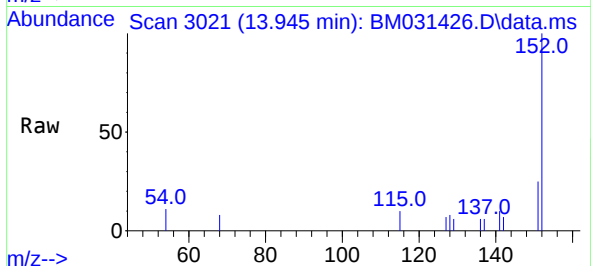
Instrument :
BNA_M
ClientSampleId :
BGEN6

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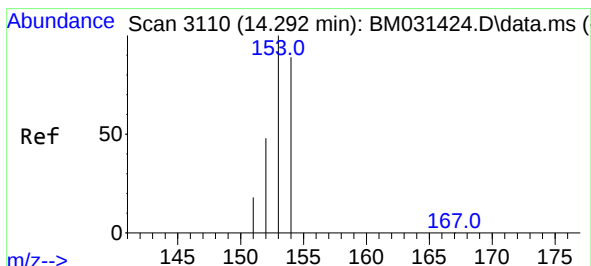
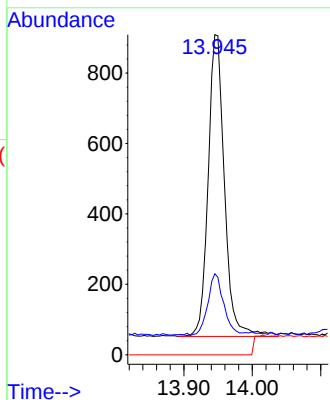
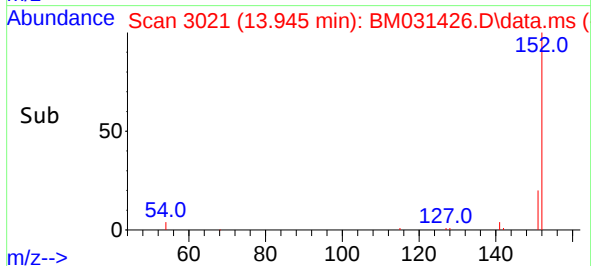
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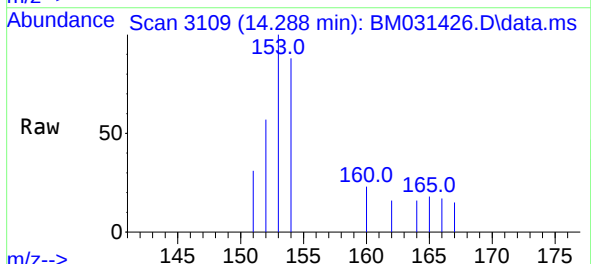
#10
Acenaphthylene
Concen: 0.117 ng/ul
RT: 13.945 min Scan# 3021
Delta R.T. -0.003 min
Lab File: BM031426.D
Acq: 04 Aug 2021 00:39



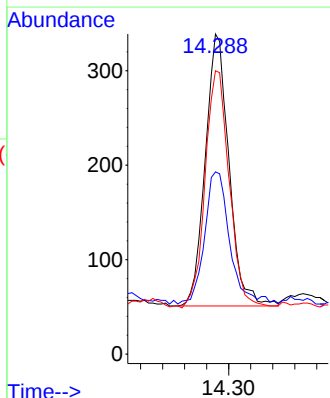
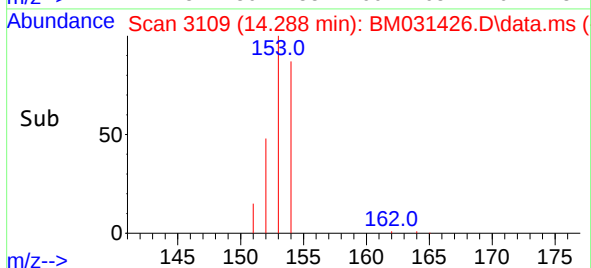
Tgt Ion:152 Resp: 1370
Ion Ratio Lower Upper
152 100
151 25.3 16.9 25.3
153 0.0 0.0 0.0



#11
Acenaphthene
Concen: 0.044 ng/ul
RT: 14.288 min Scan# 3109
Delta R.T. -0.007 min
Lab File: BM031426.D
Acq: 04 Aug 2021 00:39



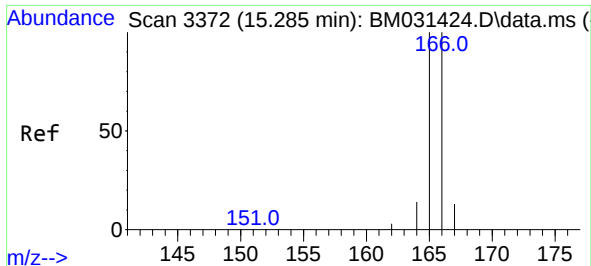
Tgt Ion:153 Resp: 432
Ion Ratio Lower Upper
153 100
152 56.9 40.7 61.1
154 88.5 70.2 105.2



Instrument :
BNA_M
ClientSampled :
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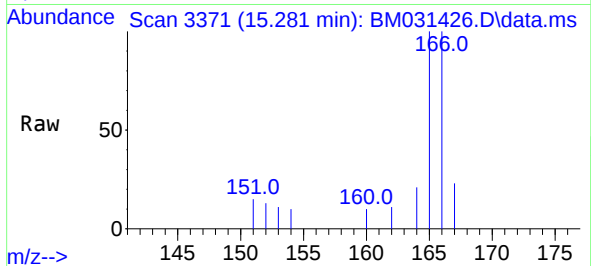
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#12
Fluorene
Concen: 0.065 ng/ul
RT: 15.281 min Scan# 3371
Delta R.T. -0.003 min
Lab File: BM031426.D
Acq: 04 Aug 2021 00:39

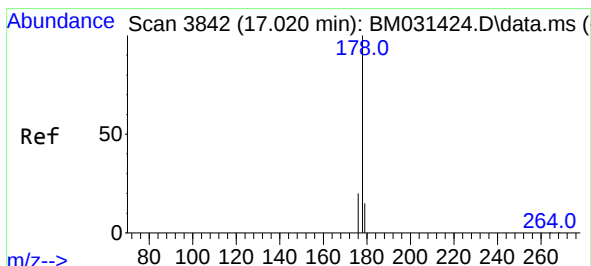
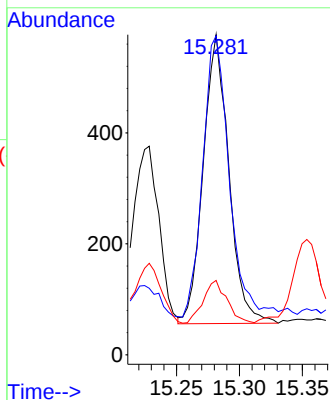
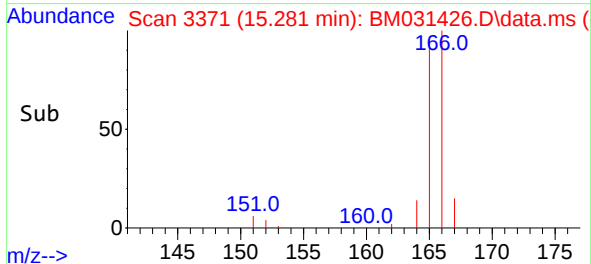
Instrument :
BNA_M
ClientSampled :
BGEN6



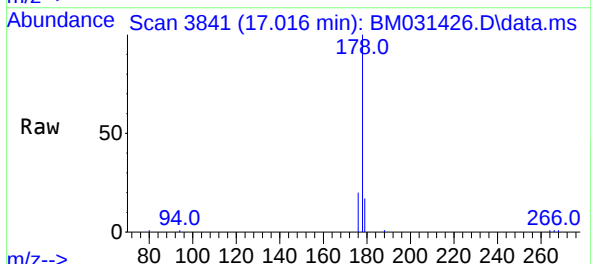
Tgt Ion:166 Resp: 737
Ion Ratio Lower Upper
166 100
165 99.7 78.0 117.0
167 23.2 12.0 18.0#

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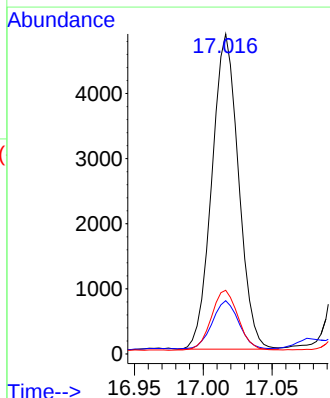
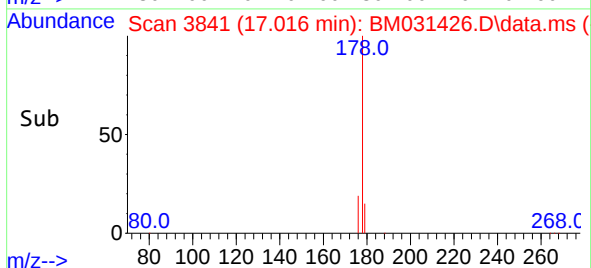
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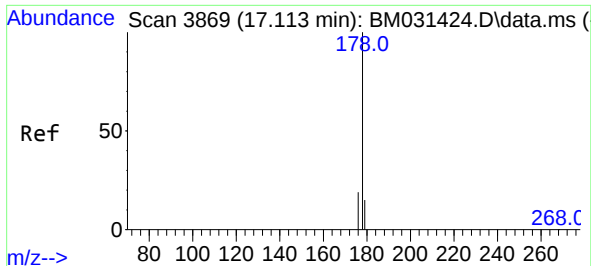


#15
Phenanthrene
Concen: 0.391 ng/ul
RT: 17.016 min Scan# 3841
Delta R.T. -0.003 min
Lab File: BM031426.D
Acq: 04 Aug 2021 00:39



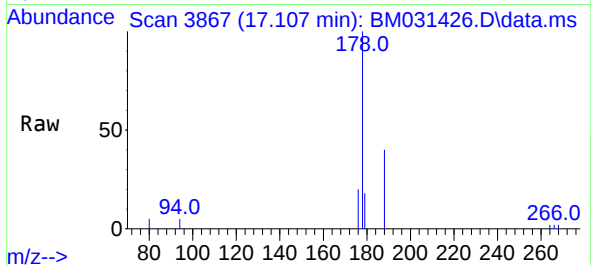
Tgt Ion:178 Resp: 6511
Ion Ratio Lower Upper
178 100
179 16.7 13.3 19.9
176 19.9 16.2 24.4





#16
 Anthracene
 Concen: 0.271 ng/ul
 RT: 17.107 min Scan# 3867
 Delta R.T. -0.007 min
 Lab File: BM031426.D
 Acq: 04 Aug 2021 00:39

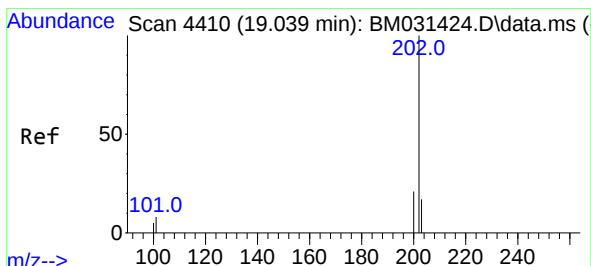
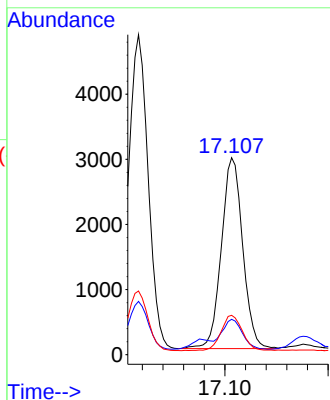
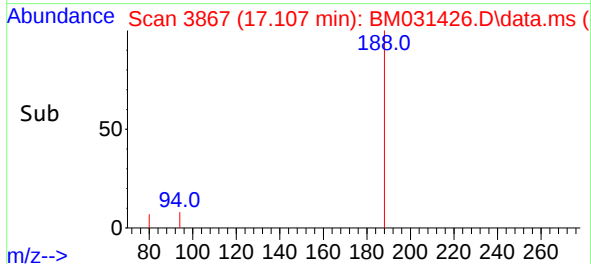
Instrument :
 BNA_M
 ClientSampled :
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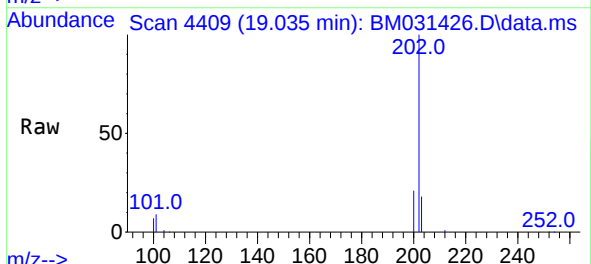
Tgt Ion:178 Resp: 4219
 Ion Ratio Lower Upper
 178 100
 179 18.0 13.0 19.6
 176 20.0 15.6 23.4

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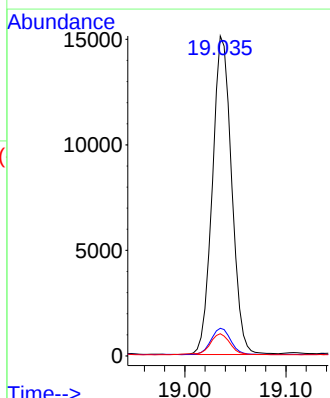
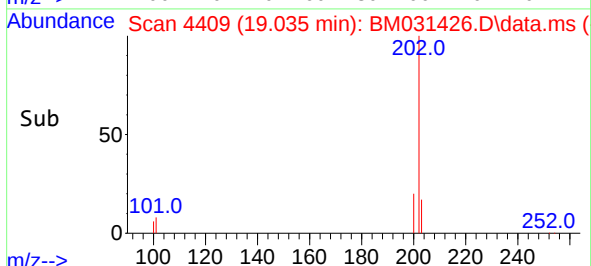
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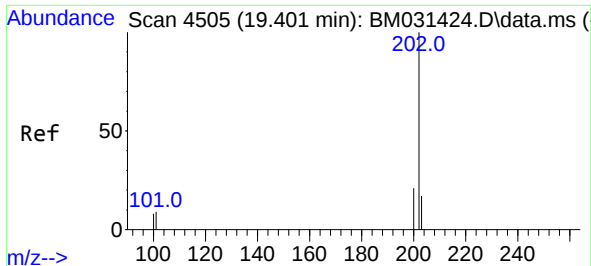


#19
 Fluoranthene
 Concen: 1.091 ng/ul
 RT: 19.035 min Scan# 4409
 Delta R.T. -0.007 min
 Lab File: BM031426.D
 Acq: 04 Aug 2021 00:39

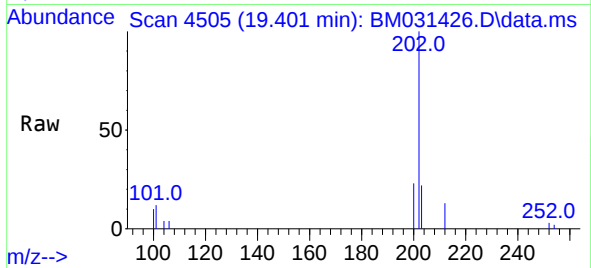


Tgt Ion:202 Resp: 19909
 Ion Ratio Lower Upper
 202 100
 101 8.7 6.6 10.0
 100 7.0 5.4 8.0

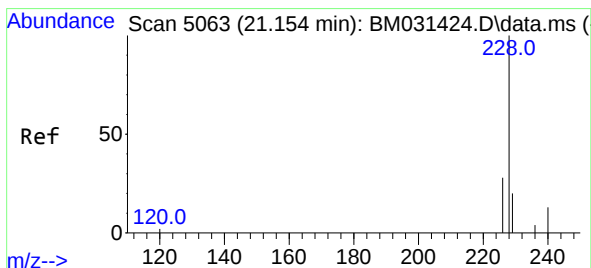
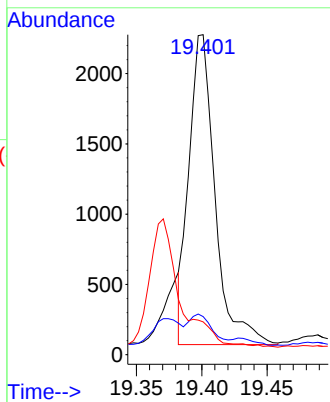
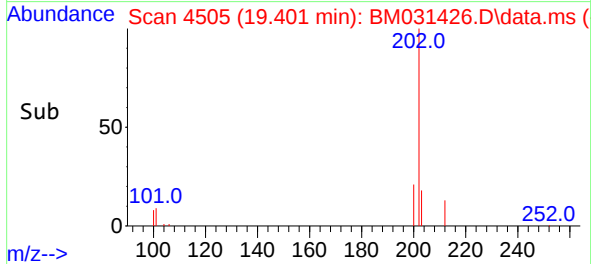




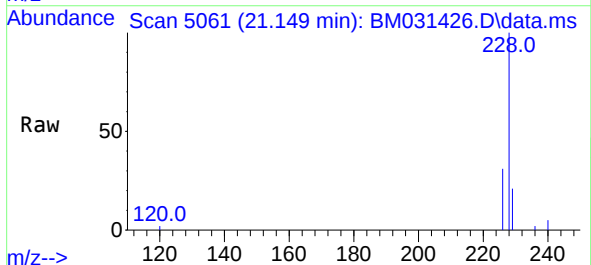
#20
Pyrene
Concen: 0.165 ng/ul m
RT: 19.401 min Scan# 4505
Delta R.T. -0.003 min
Lab File: BM031426.D
Acq: 04 Aug 2021 00:39



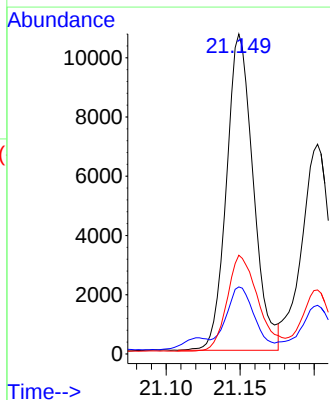
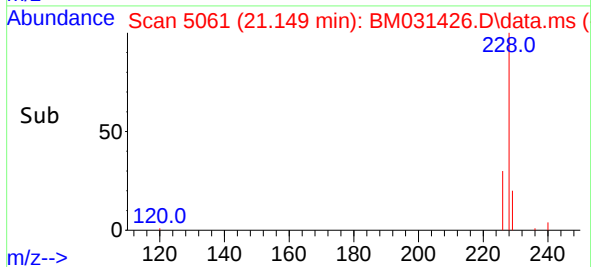
Tgt Ion:202 Resp: 3063
Ion Ratio Lower Upper
202 100
101 11.9 7.8 11.6#
100 10.3 6.6 10.0#



#21
Benzo(a)anthracene
Concen: 0.779 ng/ul
RT: 21.149 min Scan# 5061
Delta R.T. -0.007 min
Lab File: BM031426.D
Acq: 04 Aug 2021 00:39



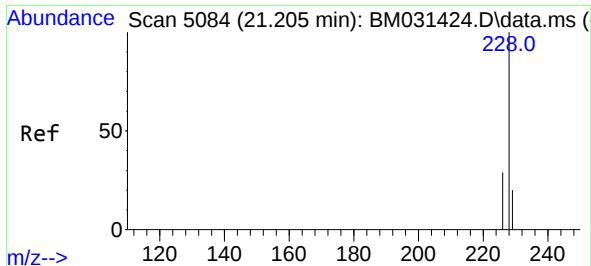
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Ion Ratio Lower Upper
228 100
229 21.0 15.6 23.4
226 30.9 21.7 32.5



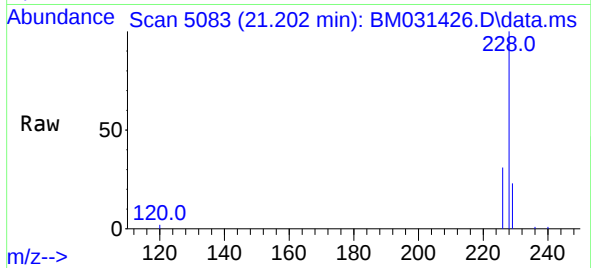
Instrument :
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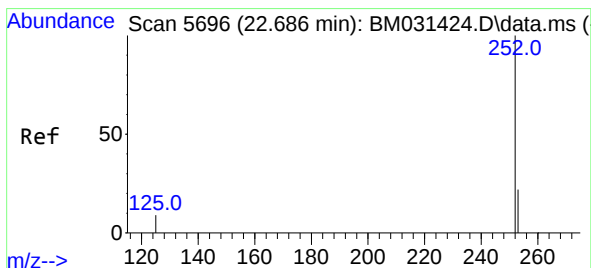
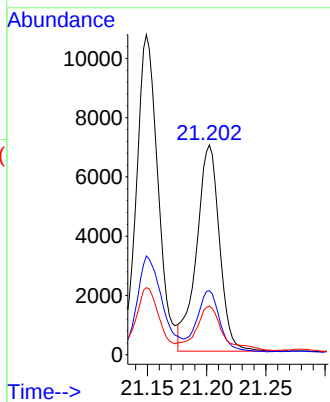
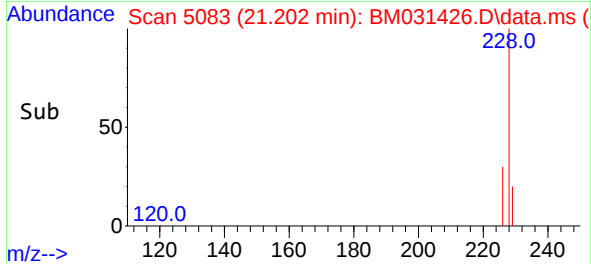
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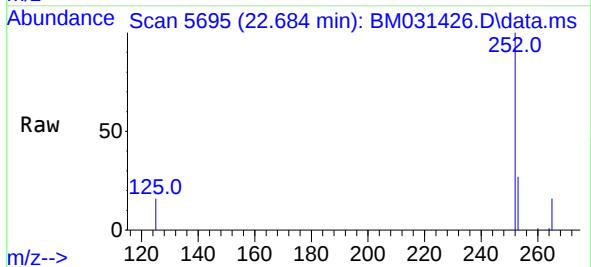
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Chrysene
Concen: 0.526 ng/ul
RT: 21.202 min Scan# 5083
Delta R.T. -0.005 min
Lab File: BM031426.D
Acq: 04 Aug 2021 00:39



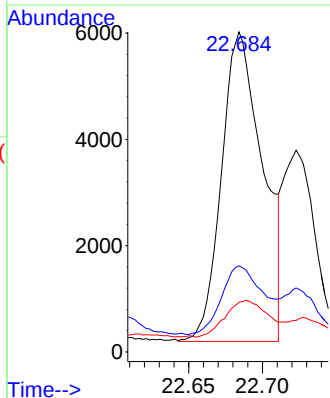
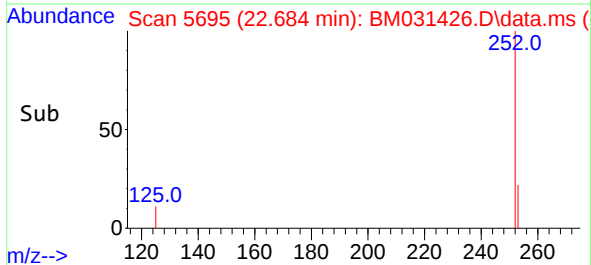
Tgt Ion:228 Resp: 9386
Ion Ratio Lower Upper
228 100
226 30.5 24.7 37.1
229 23.2 16.2 24.2



#24
Benzo(b)fluoranthene
Concen: 0.608 ng/ul m
RT: 22.684 min Scan# 5695
Delta R.T. -0.005 min
Lab File: BM031426.D
Acq: 04 Aug 2021 00:39



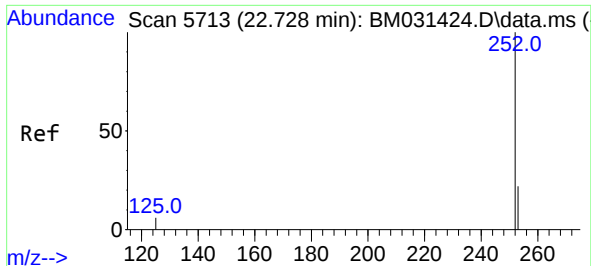
Tgt Ion:252 Resp: 11261
Ion Ratio Lower Upper
252 100
253 26.9 0.0 53.0
125 15.5 0.0 22.8



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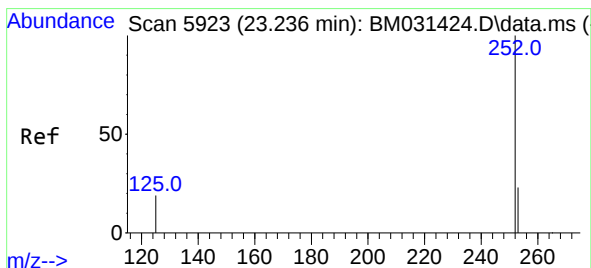
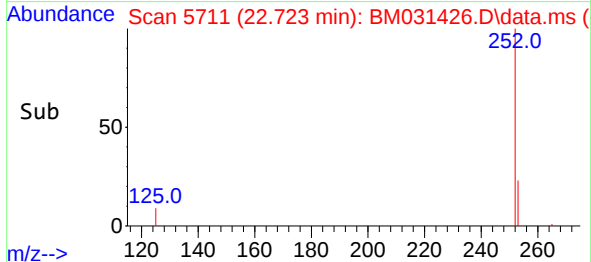
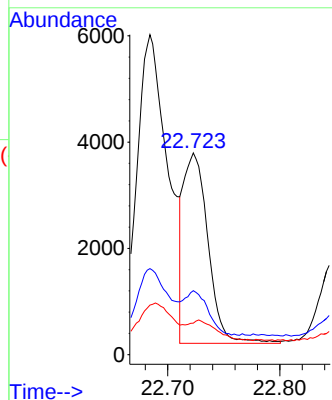
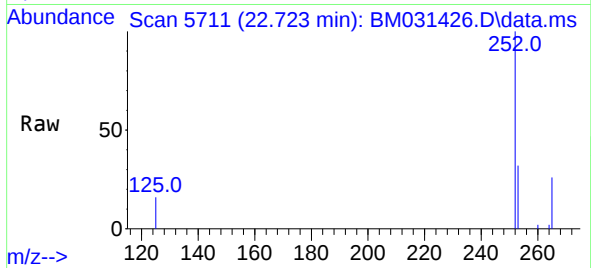
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Benzo(k)fluoranthene
Concen: 0.285 ng/ul m
RT: 22.723 min Scan# 5711
Delta R.T. -0.009 min
Lab File: BM031426.D
Acq: 04 Aug 2021 00:39

Tgt Ion:252 Resp: 5452
Ion Ratio Lower Upper
252 100
253 31.7 21.3 31.9
125 15.6 8.8 13.2#

Instrument :
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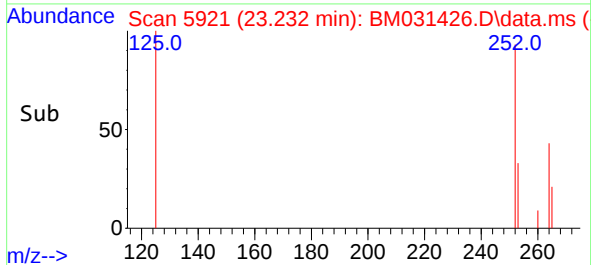
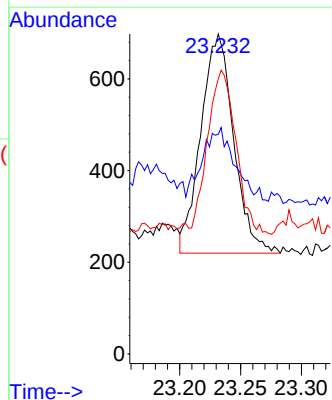
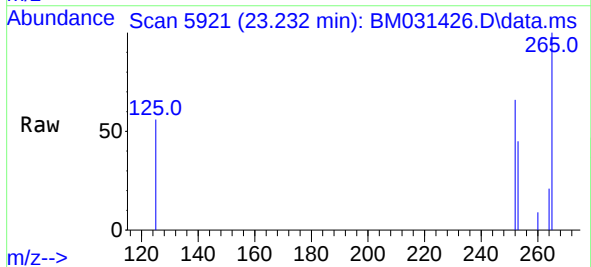
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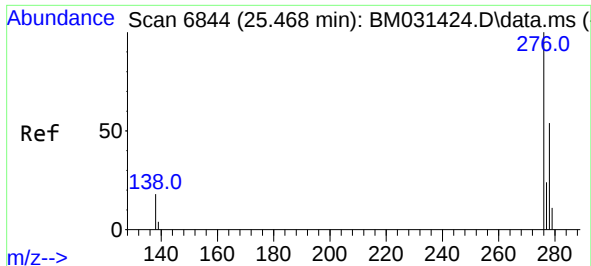
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#26
Benzo(a)pyrene
Concen: 0.055 ng/ul
RT: 23.232 min Scan# 5921
Delta R.T. -0.007 min
Lab File: BM031426.D
Acq: 04 Aug 2021 00:39

Tgt Ion:252 Resp: 897
Ion Ratio Lower Upper
252 100
253 68.6 22.4 33.6#
125 86.0 13.0 19.4#





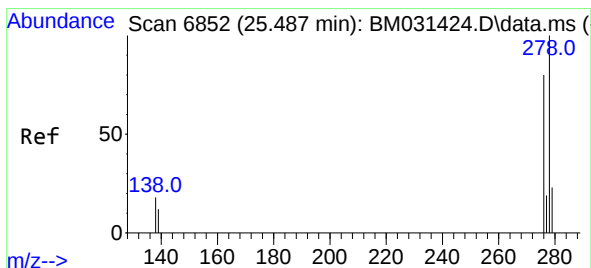
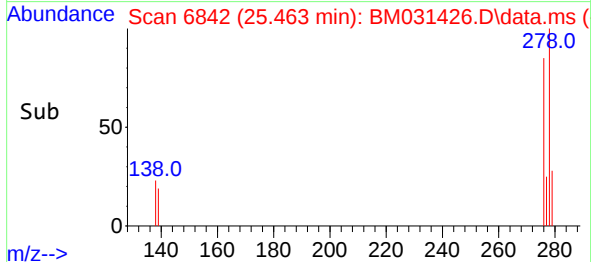
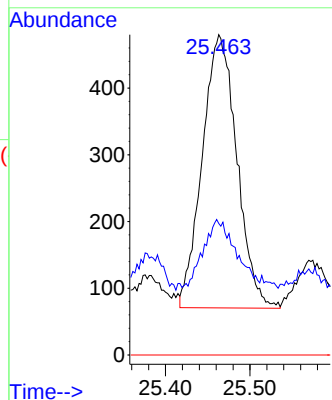
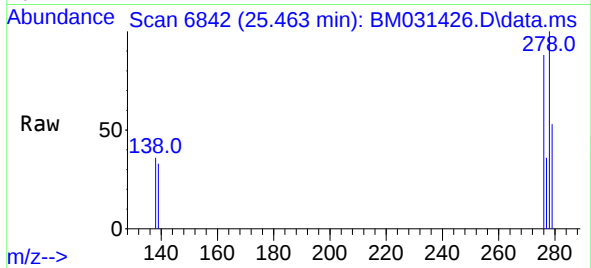
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.056 ng/ul
RT: 25.463 min Scan# 6842
Delta R.T. -0.009 min
Lab File: BM031426.D
Acq: 04 Aug 2021 00:39

Tgt Ion: 276 Resp: 1166
Ion Ratio Lower Upper
276 100
138 25.9 15.8 23.8#
227 0.0 0.0 0.0

Instrument :
BNA_M
ClientSampled :
BGEN6

Manual Integrations
APPROVED

mohammad
8/4/2021 3:48:20 PM



#28
Dibenzo(a,h)anthracene
Concen: 0.095 ng/ul
RT: 25.473 min Scan# 6846
Delta R.T. -0.014 min
Lab File: BM031426.D
Acq: 04 Aug 2021 00:39

Tgt Ion: 278 Resp: 1605
Ion Ratio Lower Upper
278 100
139 26.9 13.3 19.9#
279 48.9 22.8 34.2#

