

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
 Data File : BM031420.D
 Acq On : 03 Aug 2021 20:21
 Operator : CG/JU
 Sample : M3122-10
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGER6

Manual Integrations
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Quant Time: Aug 04 02:37:45 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	1382	0.400	ng/ul	0.00
4) Naphthalene-d8	10.359	136	5394	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.227	164	3101	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.974	188	5885	0.400	ng/ul	0.00
17) Chrysene-d12	21.167	240	4767	0.400	ng/ul	0.00
23) Perylene-d12	23.327	264	4662	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.192	96	3111	2.027	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.952	152	1190	0.131	ng/ul	0.00
18) Fluoranthene-d10	19.008	212	2444	0.154	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.409	128	838	0.052	ng/ul#	82
7) 2-Methylnaphthalene	12.028	142	286	0.026	ng/ul	93
10) Acenaphthylene	13.949	152	1313	0.099	ng/ul	93
11) Acenaphthene	14.291	153	245	0.022	ng/ul#	91
12) Fluorene	15.281	166	573	0.045	ng/ul#	91
15) Phenanthrene	17.016	178	4361	0.233	ng/ul	98
16) Anthracene	17.110	178	3378	0.193	ng/ul	97
19) Fluoranthene	19.038	202	33409	1.641	ng/ul	99
20) Pyrene	19.401	202	21829	1.057	ng/ul	98
21) Benzo(a)anthracene	21.152	228	20447	1.062	ng/ul	94
22) Chrysene	21.203	228	16264	0.817	ng/ul	98
24) Benzo(b)fluoranthene	22.687	252	20094m	0.957	ng/ul	
25) Benzo(k)fluoranthene	22.724	252	8023m	0.370	ng/ul	
26) Benzo(a)pyrene	23.235	252	7632	0.415	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.466	276	5614	0.236	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.476	278	2280	0.119	ng/ul#	71

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

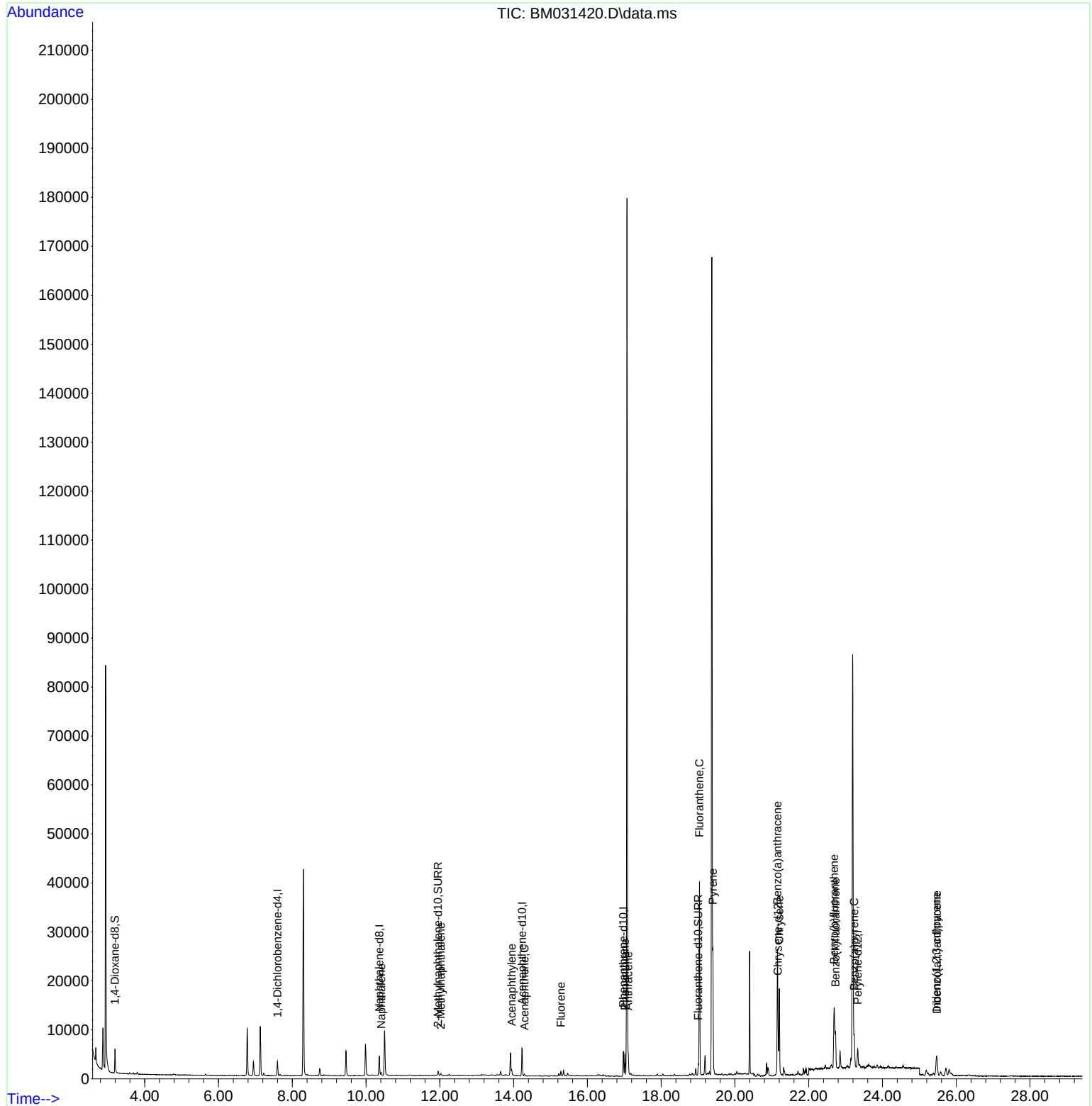
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Data File : BM031420.D
Acq On : 03 Aug 2021 20:21
Operator : CG/JU
Sample : M3122-10
Misc :
ALS Vial : 50 Sample Multiplier: 1

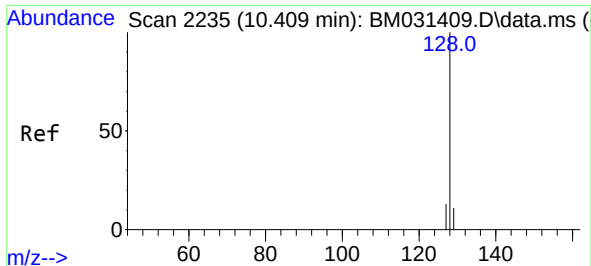
Instrument :
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ClientSampleId :
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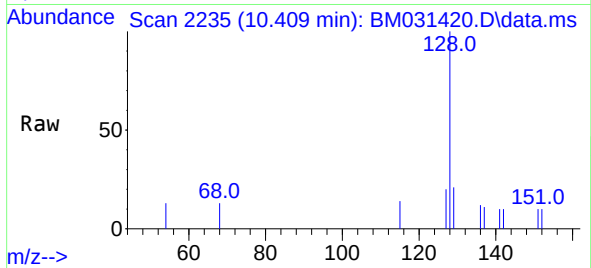
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Quant Time: Aug 04 02:37:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 13:47:07 2021
Response via : Initial Calibration

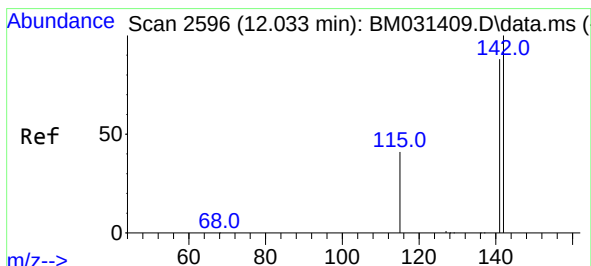
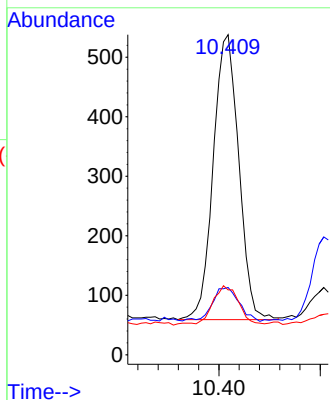
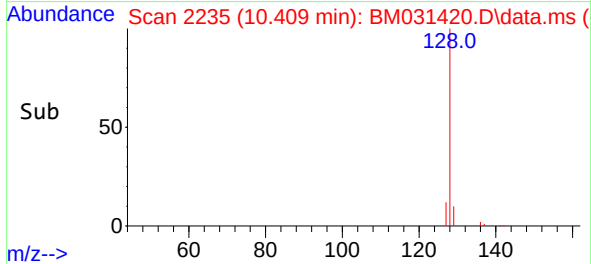




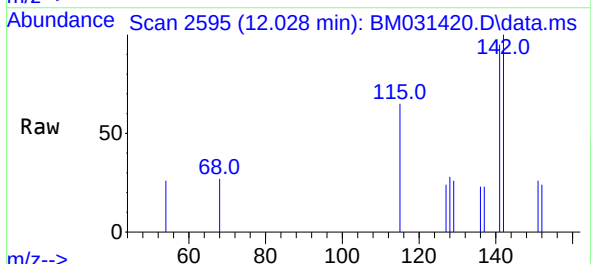
#5
Naphthalene
Concen: 0.052 ng/ul
RT: 10.409 min Scan# 2235
Delta R.T. -0.000 min
Lab File: BM031420.D
Acq: 03 Aug 2021 20:21



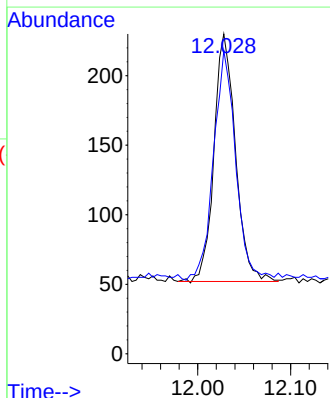
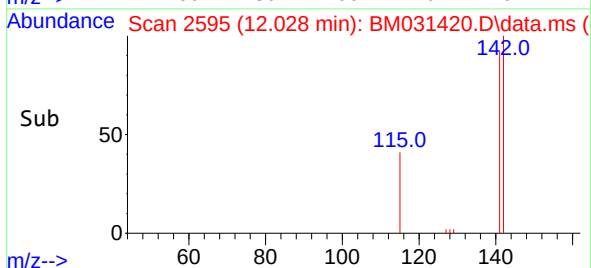
Tgt Ion:	128	Resp:	838
Ion Ratio	Lower	Upper	
128	100		
129	21.0	10.0	15.0#
127	20.3	11.6	17.4#



#7
2-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.028 min Scan# 2595
Delta R.T. -0.005 min
Lab File: BM031420.D
Acq: 03 Aug 2021 20:21



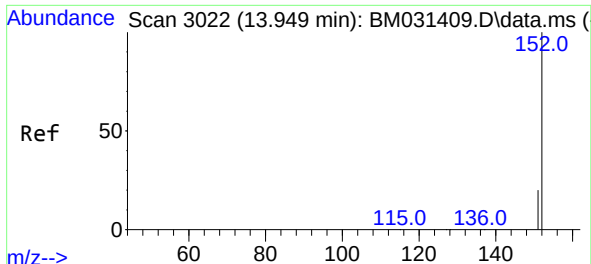
Tgt Ion:	142	Resp:	286
Ion Ratio	Lower	Upper	
142	100		
141	95.5	71.4	107.0



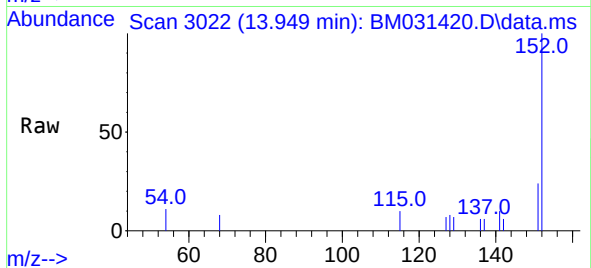
Instrument :
BNA_M
ClientSampled :
BGER6

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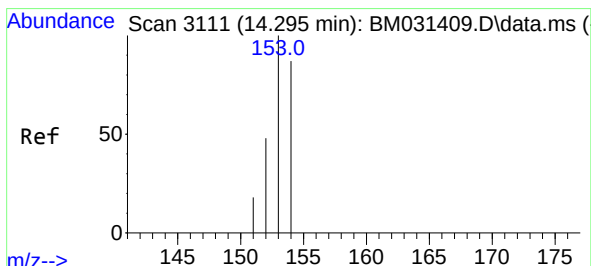
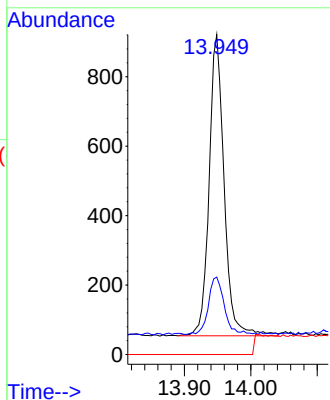
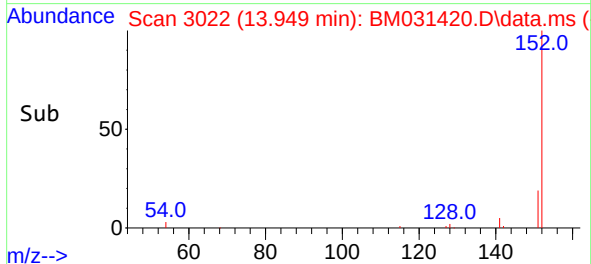


#10
Acenaphthylene
Concen: 0.099 ng/ul
RT: 13.949 min Scan# 3022
Delta R.T. -0.000 min
Lab File: BM031420.D
Acq: 03 Aug 2021 20:21

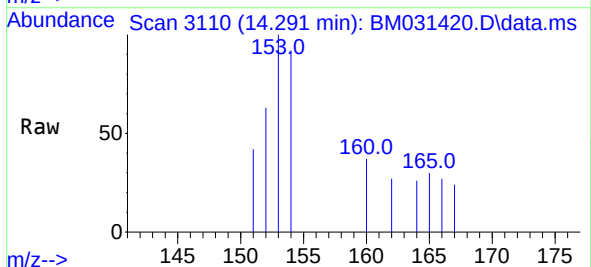


Tgt Ion:152 Resp: 1313

Ion	Ratio	Lower	Upper
152	100		
151	24.2	16.9	25.3
153	0.0	0.0	0.0

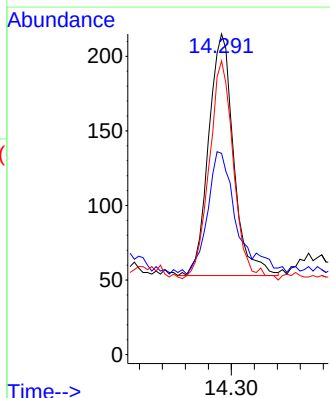
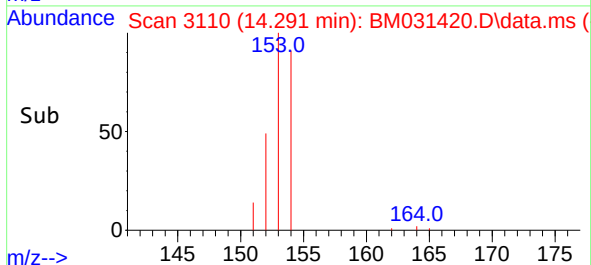


#11
Acenaphthene
Concen: 0.022 ng/ul
RT: 14.291 min Scan# 3110
Delta R.T. -0.004 min
Lab File: BM031420.D
Acq: 03 Aug 2021 20:21



Tgt Ion:153 Resp: 245

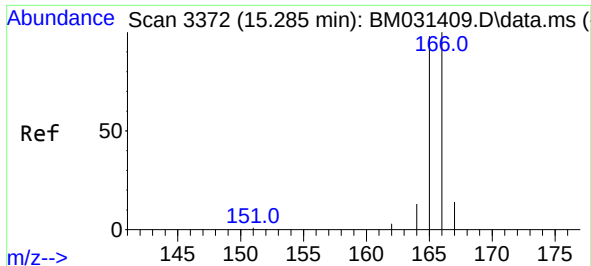
Ion	Ratio	Lower	Upper
153	100		
152	62.8	40.7	61.1#
154	91.6	70.2	105.2



Instrument :
BNA_M
ClientSampled :
BGER6

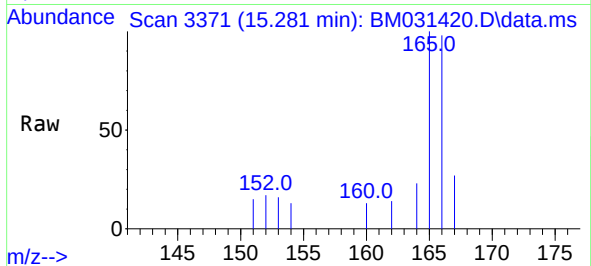
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#12
Fluorene
Concen: 0.045 ng/u1
RT: 15.281 min Scan# 3371
Delta R.T. -0.004 min
Lab File: BM031420.D
Acq: 03 Aug 2021 20:21

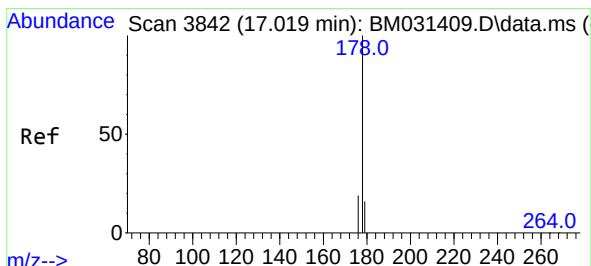
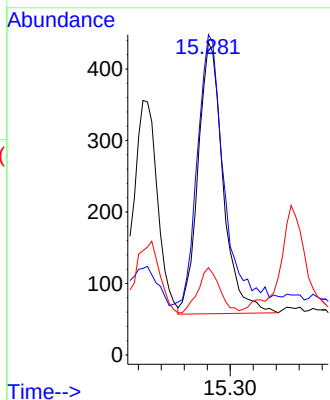
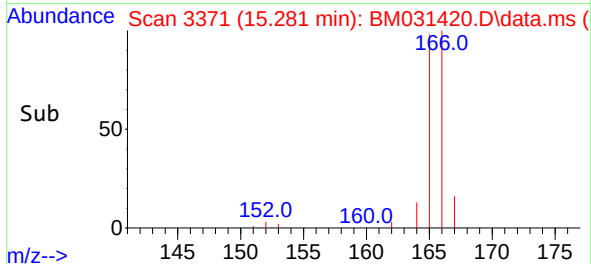
Instrument :
BNA_M
ClientSampled :
BGER6



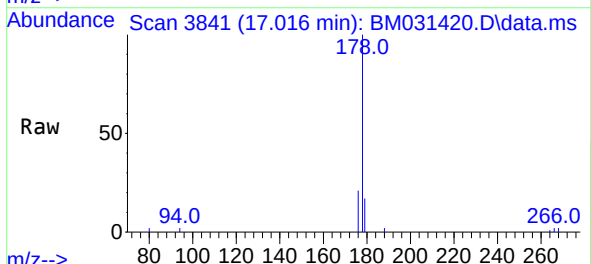
Tgt Ion:166 Resp: 573
Ion Ratio Lower Upper
166 100
165 102.5 78.0 117.0
167 27.9 12.0 18.0#

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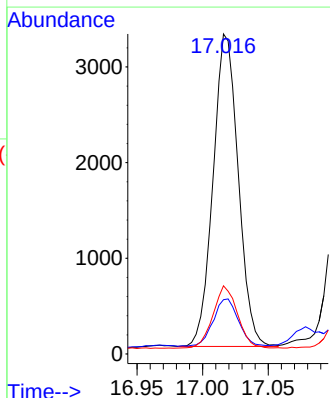
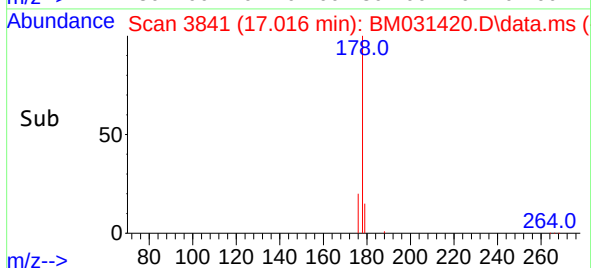
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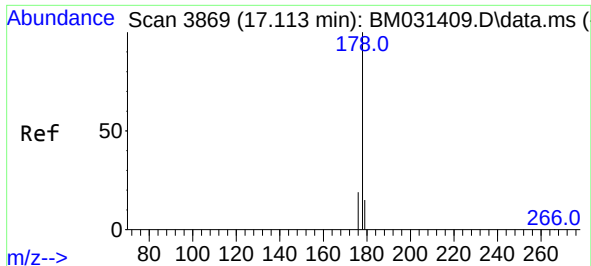


#15
Phenanthrene
Concen: 0.233 ng/u1
RT: 17.016 min Scan# 3841
Delta R.T. -0.004 min
Lab File: BM031420.D
Acq: 03 Aug 2021 20:21



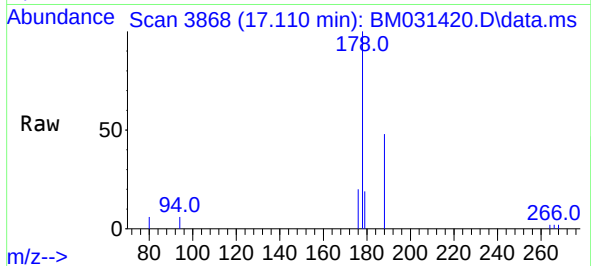
Tgt Ion:178 Resp: 4361
Ion Ratio Lower Upper
178 100
179 17.0 13.3 19.9
176 21.3 16.2 24.4





#16
 Anthracene
 Concen: 0.193 ng/ul
 RT: 17.110 min Scan# 3868
 Delta R.T. -0.004 min
 Lab File: BM031420.D
 Acq: 03 Aug 2021 20:21

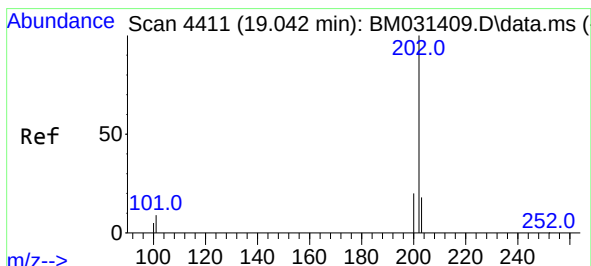
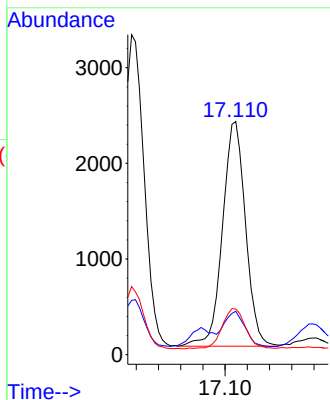
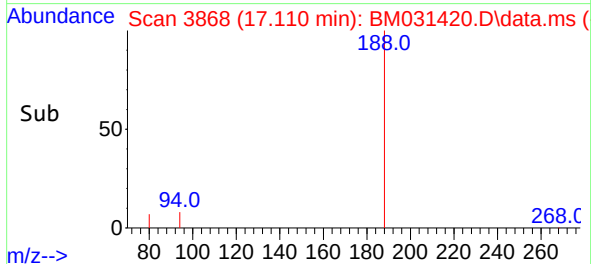
Instrument :
 BNA_M
 ClientSampled :
 BGER6



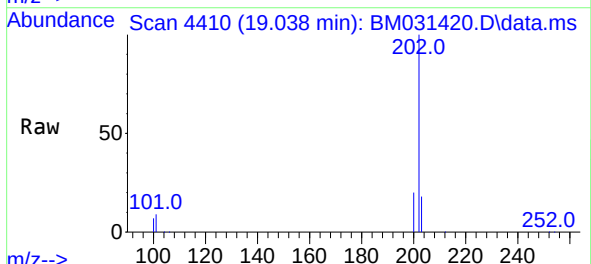
Tgt Ion:178 Resp: 3378
 Ion Ratio Lower Upper
 178 100
 179 18.6 13.0 19.6
 176 19.6 15.6 23.4

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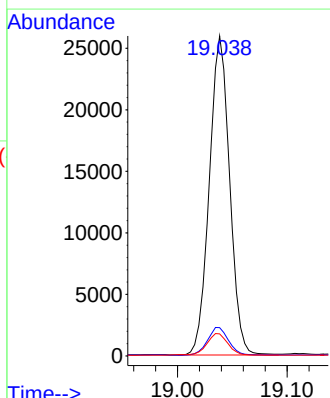
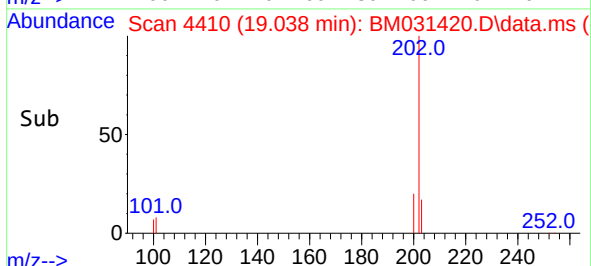
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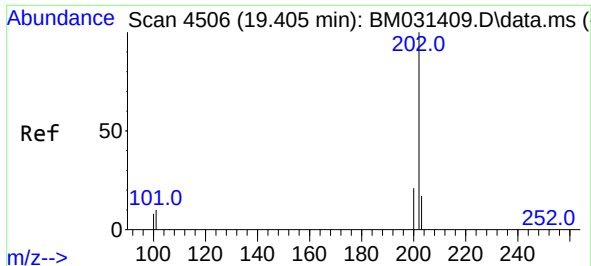


#19
 Fluoranthene
 Concen: 1.641 ng/ul
 RT: 19.038 min Scan# 4410
 Delta R.T. -0.004 min
 Lab File: BM031420.D
 Acq: 03 Aug 2021 20:21



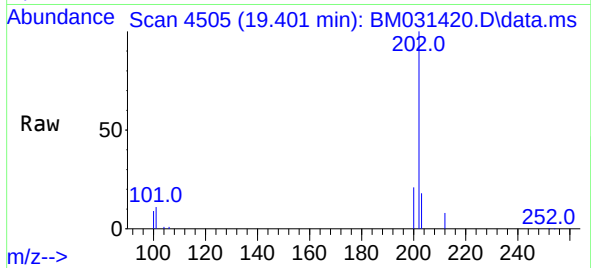
Tgt Ion:202 Resp: 33409
 Ion Ratio Lower Upper
 202 100
 101 8.8 6.6 10.0
 100 6.9 5.4 8.0





#20
Pyrene
Concen: 1.057 ng/ul
RT: 19.401 min Scan# 4505
Delta R.T. -0.004 min
Lab File: BM031420.D
Acq: 03 Aug 2021 20:21

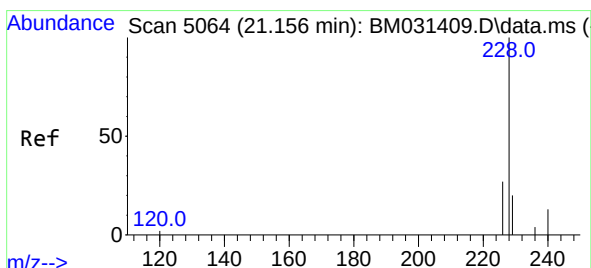
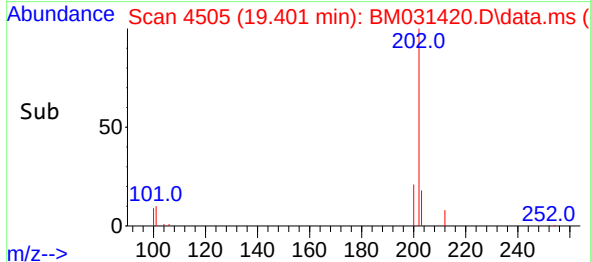
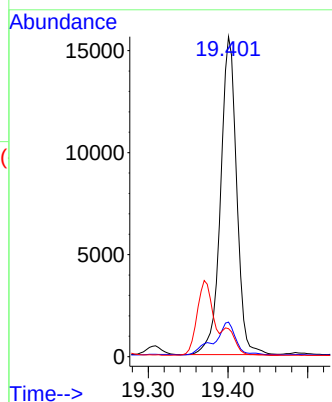
Instrument :
BNA_M
ClientSampled :
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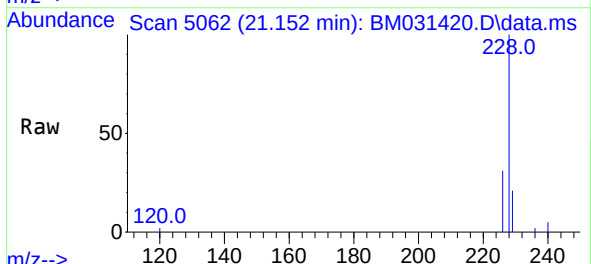
Tgt Ion:202 Resp: 21829
Ion Ratio Lower Upper
202 100
101 10.8 7.8 11.6
100 8.7 6.6 10.0

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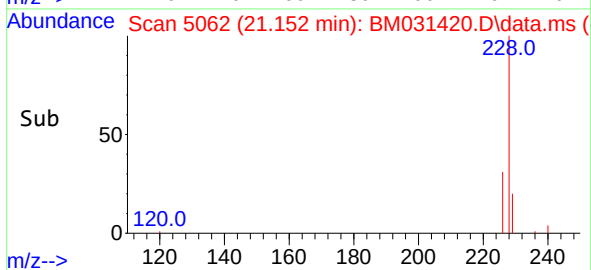
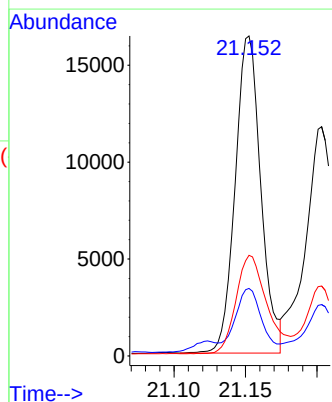
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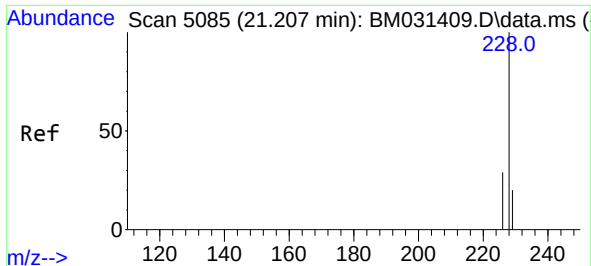


#21
Benzo(a)anthracene
Concen: 1.062 ng/ul
RT: 21.152 min Scan# 5062
Delta R.T. -0.004 min
Lab File: BM031420.D
Acq: 03 Aug 2021 20:21



Tgt Ion:228 Resp: 20447
Ion Ratio Lower Upper
228 100
229 21.1 15.6 23.4
226 31.5 21.7 32.5





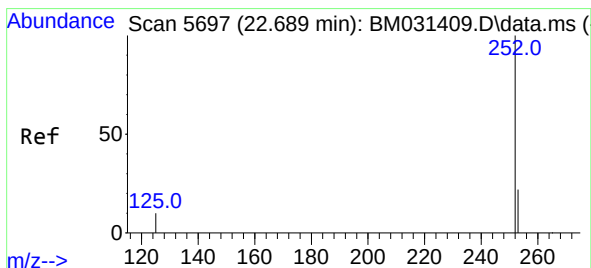
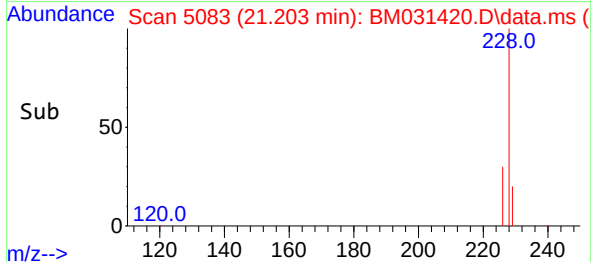
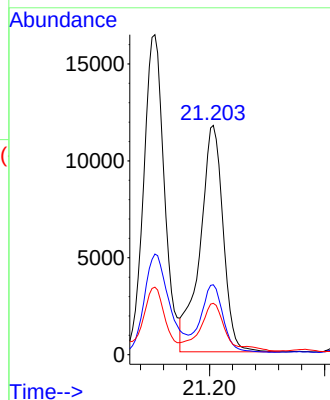
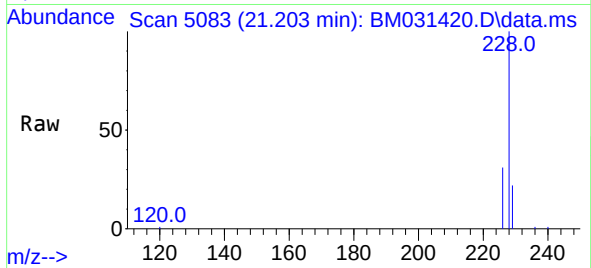
#22
Chrysene
Concen: 0.817 ng/ul
RT: 21.203 min Scan# 5083
Delta R.T. -0.004 min
Lab File: BM031420.D
Acq: 03 Aug 2021 20:21

Tgt Ion:	228	Resp:	16264
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.7	37.1
229	22.4	16.2	24.2

Instrument :
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ClientSampled :
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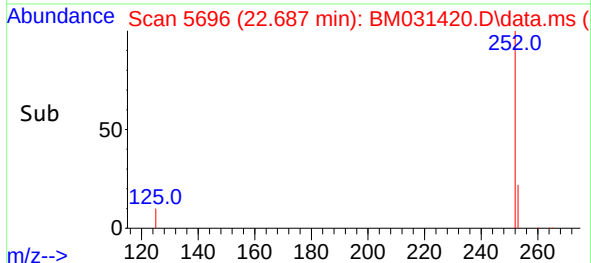
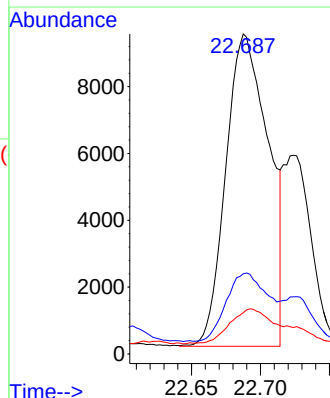
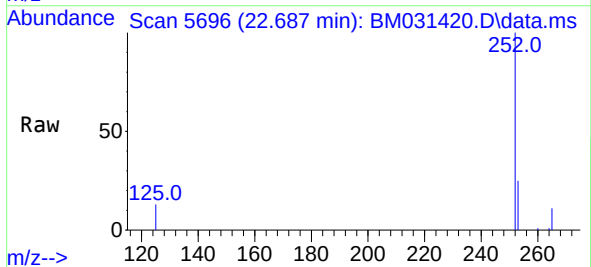
Manual Integrations
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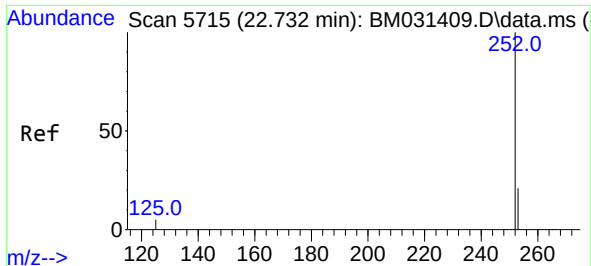
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#24
Benzo(b)fluoranthene
Concen: 0.957 ng/ul m
RT: 22.687 min Scan# 5696
Delta R.T. -0.001 min
Lab File: BM031420.D
Acq: 03 Aug 2021 20:21

Tgt Ion:	252	Resp:	20094
Ion Ratio	Lower	Upper	
252	100		
253	25.1	0.0	53.0
125	12.9	0.0	22.8





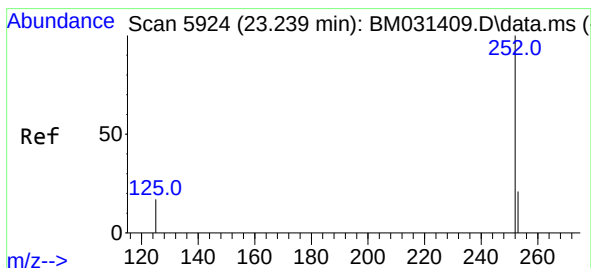
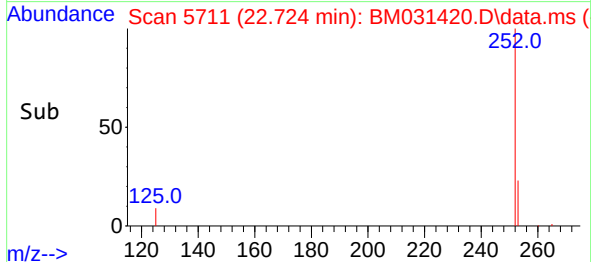
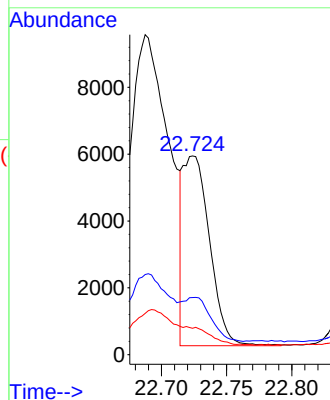
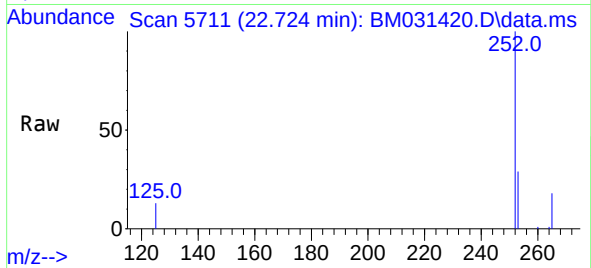
#25
Benzo(k)fluoranthene
Concen: 0.370 ng/ul m
RT: 22.724 min Scan# 5711
Delta R.T. -0.008 min
Lab File: BM031420.D
Acq: 03 Aug 2021 20:21

Tgt Ion:252 Resp: 8023
Ion Ratio Lower Upper
252 100
253 28.8 21.3 31.9
125 13.3 8.8 13.2#

Instrument :
BNA_M
ClientSampled :
BGER6

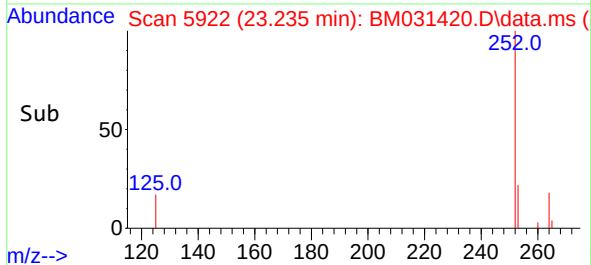
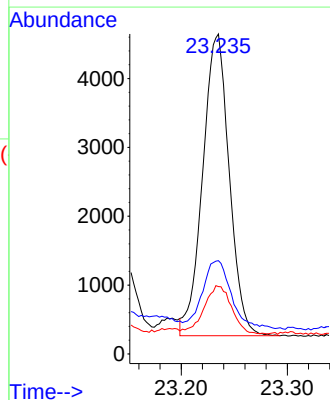
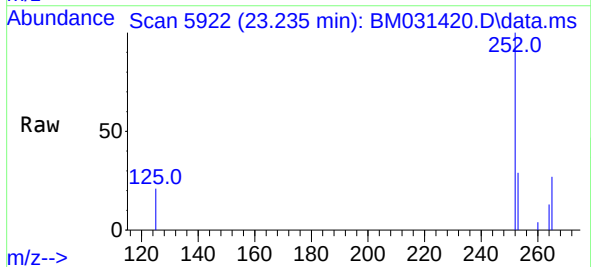
Manual Integrations
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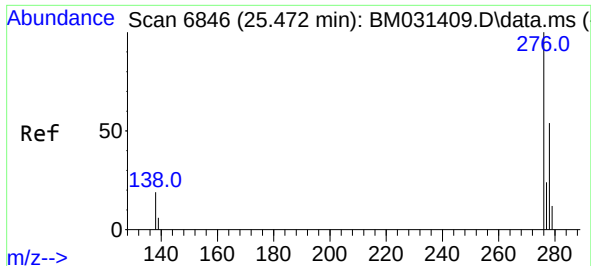
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#26
Benzo(a)pyrene
Concen: 0.415 ng/ul
RT: 23.235 min Scan# 5922
Delta R.T. -0.004 min
Lab File: BM031420.D
Acq: 03 Aug 2021 20:21

Tgt Ion:252 Resp: 7632
Ion Ratio Lower Upper
252 100
253 29.2 22.4 33.6
125 21.1 13.0 19.4#





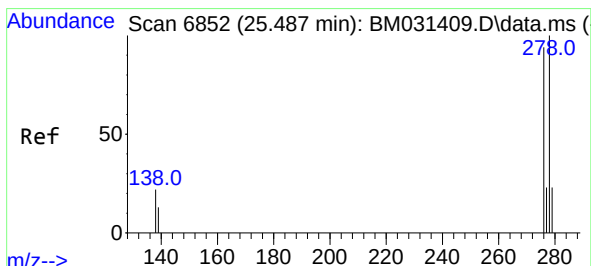
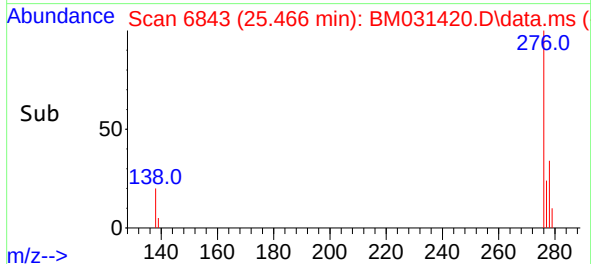
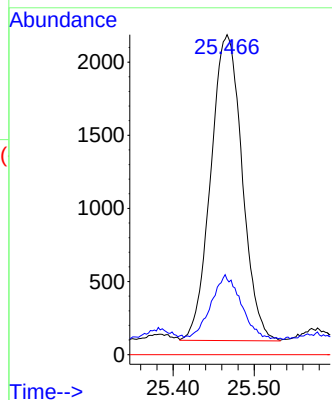
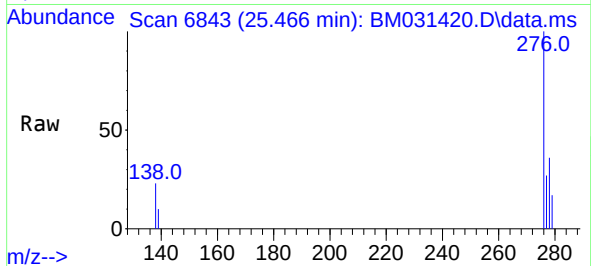
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.236 ng/ul
RT: 25.466 min Scan# 6843
Delta R.T. -0.006 min
Lab File: BM031420.D
Acq: 03 Aug 2021 20:21

Tgt Ion:	276	Resp:	5614
Ion Ratio	Lower	Upper	
276	100		
138	20.5	15.8	23.8
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampled :
BGER6

Manual Integrations
APPROVED

mohammad
8/4/2021 3:48:07 PM



#28
Dibenzo(a,h)anthracene
Concen: 0.119 ng/ul
RT: 25.476 min Scan# 6847
Delta R.T. -0.011 min
Lab File: BM031420.D
Acq: 03 Aug 2021 20:21

Tgt Ion:	278	Resp:	2280
Ion Ratio	Lower	Upper	
278	100		
139	28.8	13.3	19.9#
279	43.7	22.8	34.2#

