

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
 Data File : BM031471.D
 Acq On : 05 Aug 2021 06:12
 Operator : CG/JU
 Sample : M3141-14
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGER3

Manual Integrations
 APPROVED

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Quant Time: Aug 05 07:09:18 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 : Thu Aug 05 06:21:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.590	152	1299	0.400	ng/ul	0.00
4) Naphthalene-d8	10.352	136	5059	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.224	164	3292	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.971	188	6130	0.400	ng/ul	0.00
17) Chrysene-d12	21.161	240	4681	0.400	ng/ul	0.00
23) Perylene-d12	23.321	264	4712	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	10636	7.372	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.948	152	4098	0.481	ng/ul	0.00
18) Fluoranthene-d10	19.005	212	7884	0.505	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.401	128	1621	0.108	ng/ul#	90
7) 2-Methylnaphthalene	12.025	142	693	0.067	ng/ul	96
8) 1-Methylnaphthalene	12.245	142	552	0.054	ng/ul	99
10) Acenaphthylene	13.945	152	736	0.052	ng/ul#	80
11) Acenaphthene	14.284	153	291	0.025	ng/ul	93
12) Fluorene	15.278	166	557	0.041	ng/ul#	92
15) Phenanthrene	17.013	178	5845	0.300	ng/ul	98
16) Anthracene	17.103	178	1262	0.069	ng/ul#	90
19) Fluoranthene	19.031	202	10493	0.525	ng/ul	97
20) Pyrene	19.397	202	3486m	0.172	ng/ul	
21) Benzo(a)anthracene	21.149	228	5872	0.311	ng/ul	96
22) Chrysene	21.197	228	5571	0.285	ng/ul	97
24) Benzo(b)fluoranthene	22.679	252	5717m	0.269	ng/ul	
25) Benzo(k)fluoranthene	22.718	252	2713m	0.124	ng/ul	
26) Benzo(a)pyrene	23.224	252	720	0.039	ng/ul#	18
27) Indeno(1,2,3-cd)pyrene	25.456	276	804	0.033	ng/ul#	81
28) Dibenzo(a,h)anthracene	25.465	278	792	0.041	ng/ul#	42

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

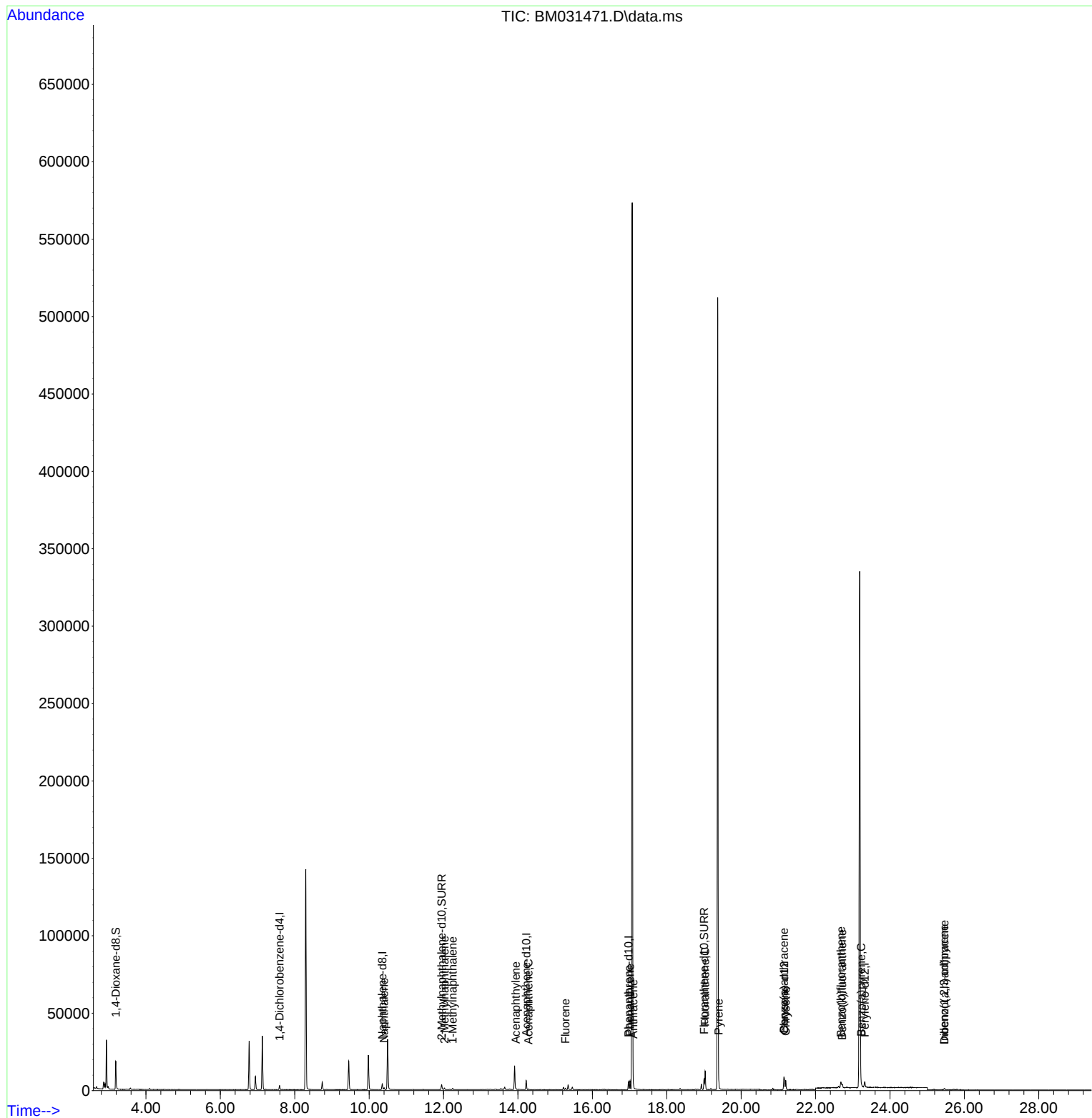
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
Data File : BM031471.D
Acq On : 05 Aug 2021 06:12
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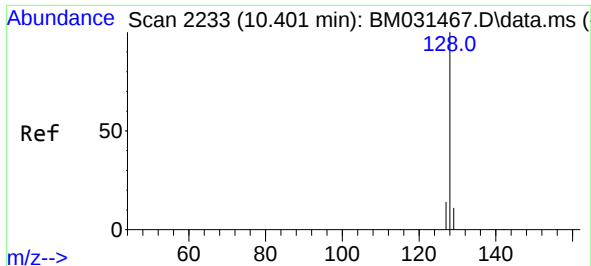
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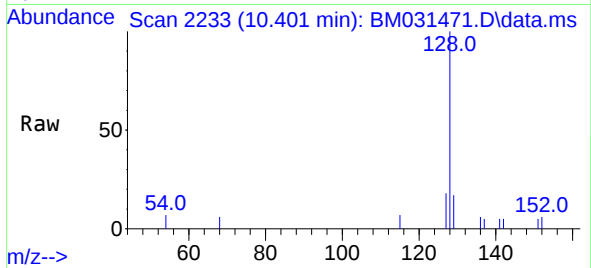
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Quant Time: Aug 05 07:09:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 05 06:21:13 2021
Response via : Initial Calibration

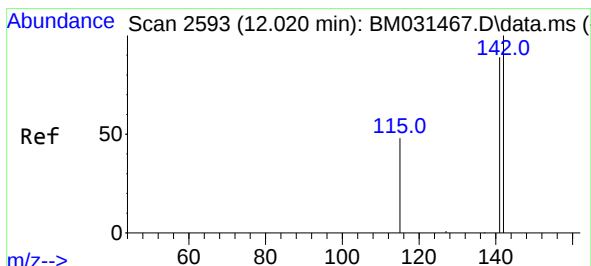
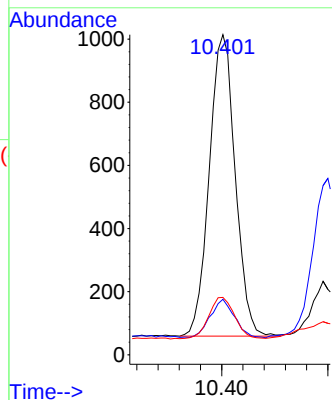
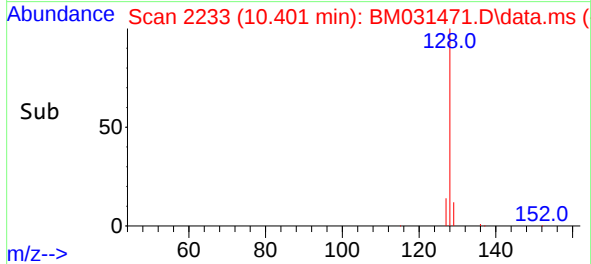




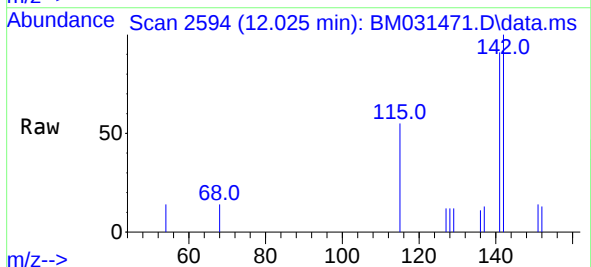
#5
Naphthalene
Concen: 0.108 ng/ul
RT: 10.401 min Scan# 2233
Delta R.T. -0.004 min
Lab File: BM031471.D
Acq: 05 Aug 2021 06:12



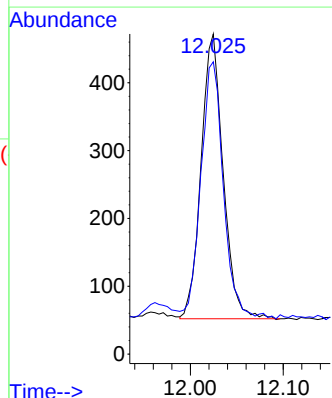
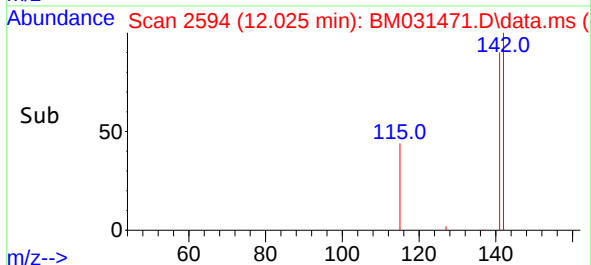
Tgt Ion:128 Resp: 1621
Ion Ratio Lower Upper
128 100
129 17.4 10.0 15.0#
127 17.9 11.6 17.4#



#7
2-Methylnaphthalene
Concen: 0.067 ng/ul
RT: 12.025 min Scan# 2594
Delta R.T. -0.004 min
Lab File: BM031471.D
Acq: 05 Aug 2021 06:12



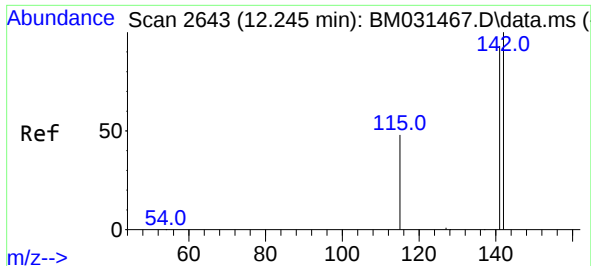
Tgt Ion:142 Resp: 693
Ion Ratio Lower Upper
142 100
141 92.9 71.4 107.0



Instrument :
BNA_M
ClientSampled :
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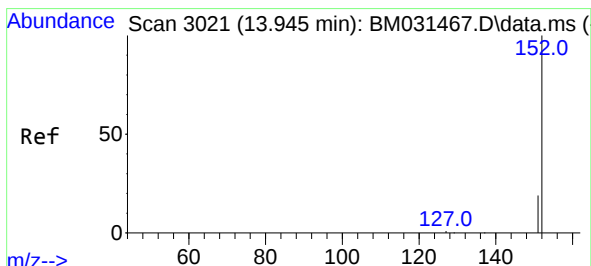
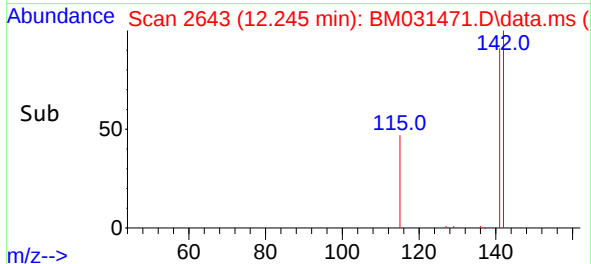
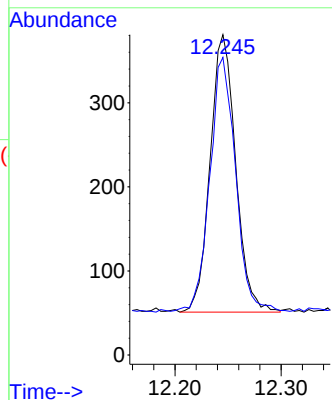
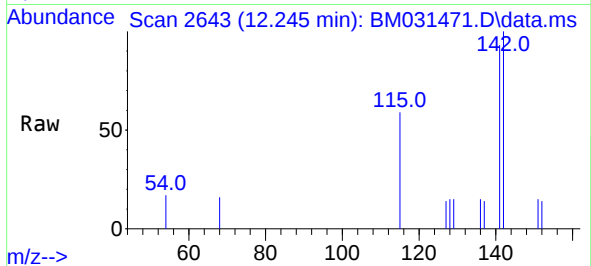
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1-Methylnaphthalene
Concen: 0.054 ng/ul
RT: 12.245 min Scan# 2643
Delta R.T. -0.004 min
Lab File: BM031471.D
Acq: 05 Aug 2021 06:12

Tgt Ion:142 Resp: 552
Ion Ratio Lower Upper
142 100
141 91.8 74.1 111.1

Instrument :
BNA_M
ClientSampled :
BGER3

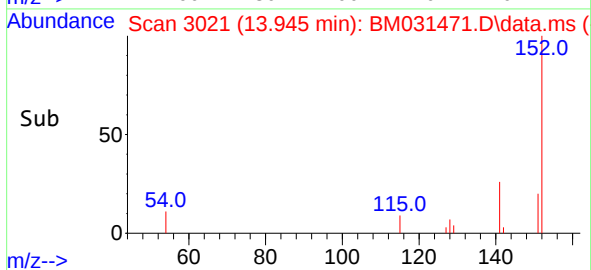
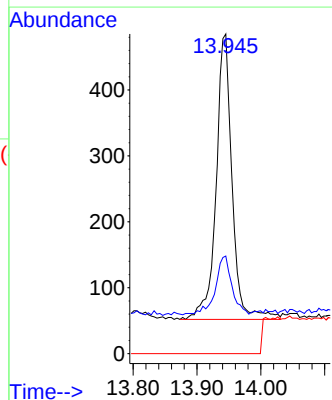
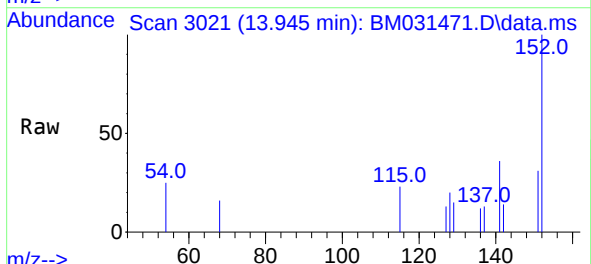
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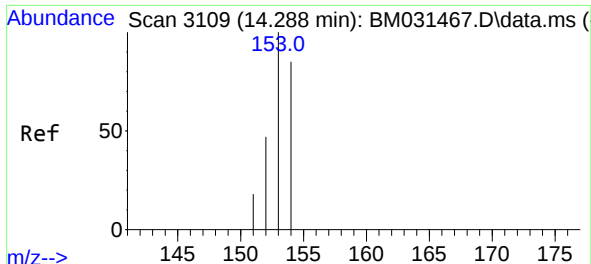
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#10
Acenaphthylene
Concen: 0.052 ng/ul
RT: 13.945 min Scan# 3021
Delta R.T. -0.004 min
Lab File: BM031471.D
Acq: 05 Aug 2021 06:12

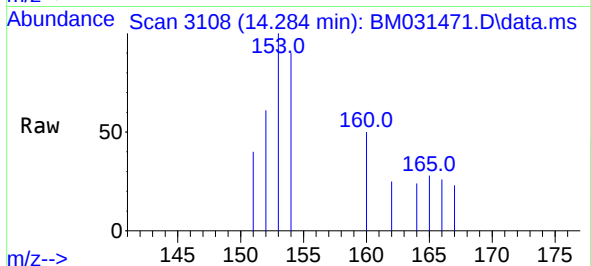
Tgt Ion:152 Resp: 736
Ion Ratio Lower Upper
152 100
151 30.5 16.9 25.3#
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.025 ng/ul
RT: 14.284 min Scan# 3108
Delta R.T. -0.004 min
Lab File: BM031471.D
Acq: 05 Aug 2021 06:12

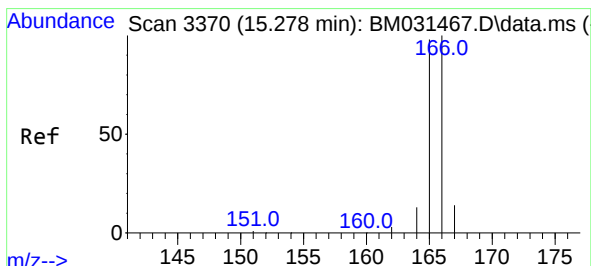
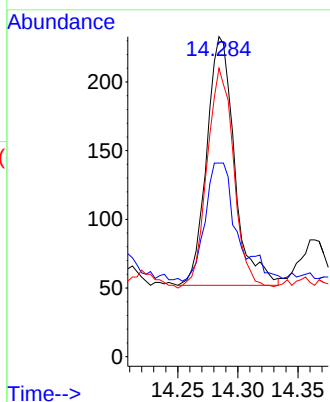
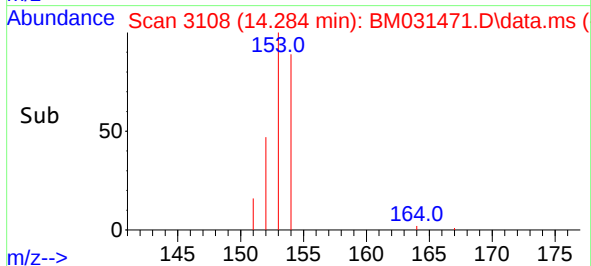
Instrument :
BNA_M
ClientSampled :
BGER3



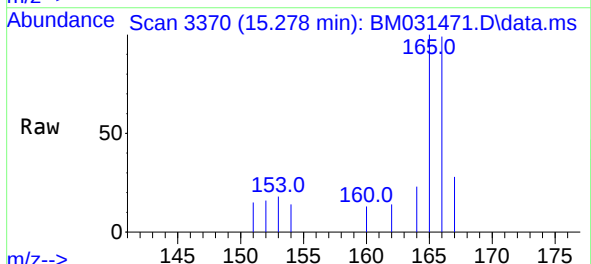
Tgt Ion:153 Resp: 291
Ion Ratio Lower Upper
153 100
152 60.5 40.7 61.1
154 90.1 70.2 105.2

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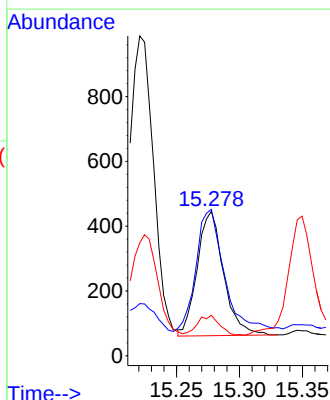
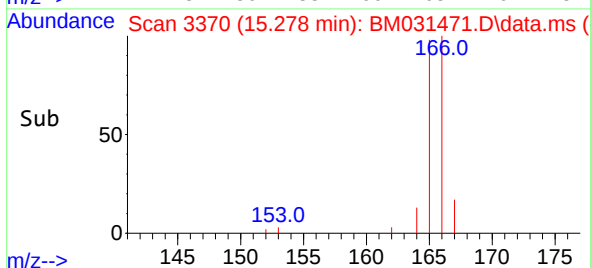
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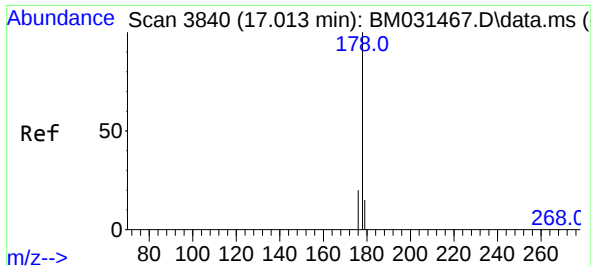


#12
Fluorene
Concen: 0.041 ng/ul
RT: 15.278 min Scan# 3370
Delta R.T. -0.004 min
Lab File: BM031471.D
Acq: 05 Aug 2021 06:12



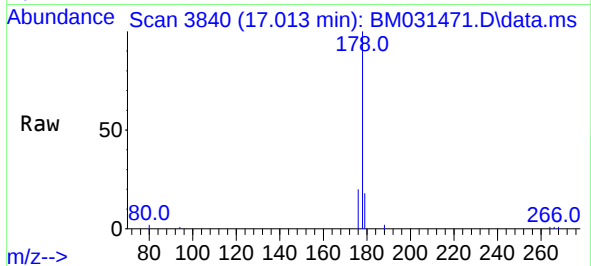
Tgt Ion:166 Resp: 557
Ion Ratio Lower Upper
166 100
165 101.3 78.0 117.0
167 28.0 12.0 18.0#





#15
Phenanthrene
Concen: 0.300 ng/u1
RT: 17.013 min Scan# 3840
Delta R.T. -0.003 min
Lab File: BM031471.D
Acq: 05 Aug 2021 06:12

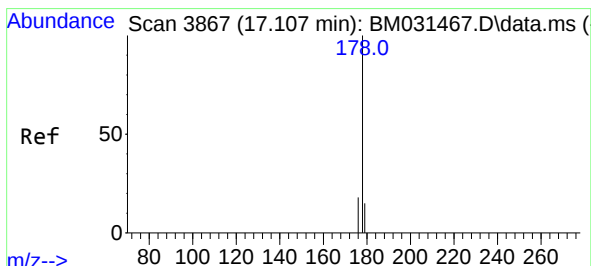
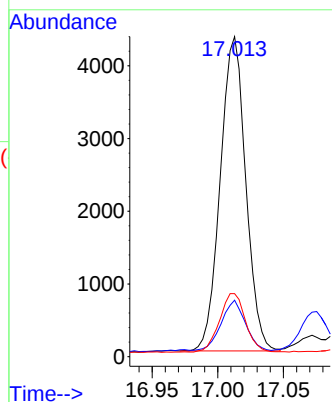
Instrument :
BNA_M
ClientSampled :
BGER3



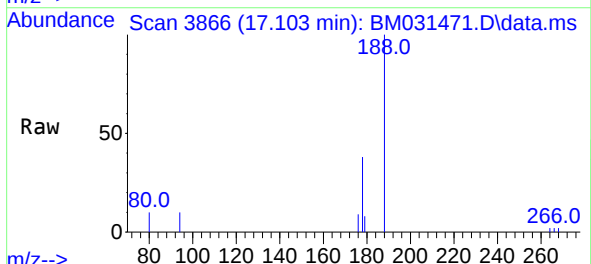
Tgt Ion:178 Resp: 5845
Ion Ratio Lower Upper
178 100
179 17.6 13.3 19.9
176 19.7 16.2 24.4

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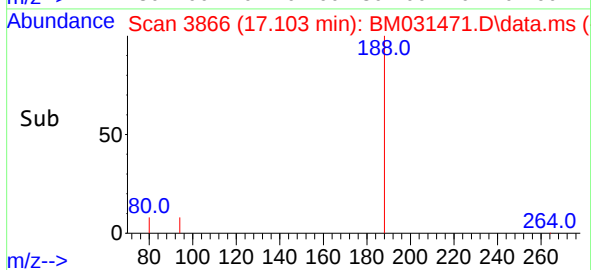
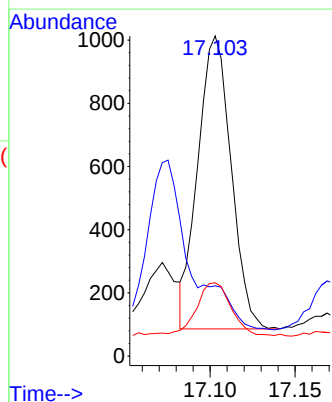
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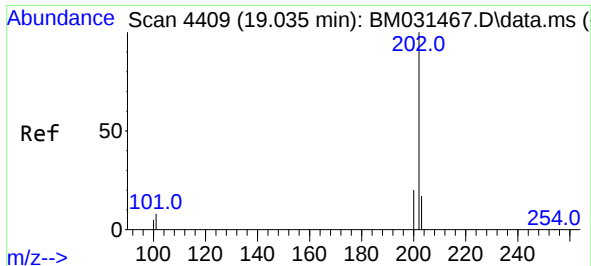


#16
Anthracene
Concen: 0.069 ng/u1
RT: 17.103 min Scan# 3866
Delta R.T. -0.007 min
Lab File: BM031471.D
Acq: 05 Aug 2021 06:12



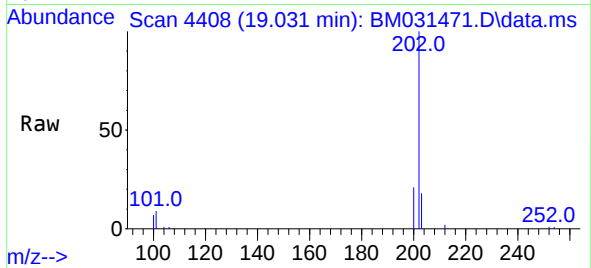
Tgt Ion:178 Resp: 1262
Ion Ratio Lower Upper
178 100
179 21.9 13.0 19.6#
176 22.9 15.6 23.4





#19
Fluoranthene
Concen: 0.525 ng/ul
RT: 19.031 min Scan# 4408
Delta R.T. -0.007 min
Lab File: BM031471.D
Acq: 05 Aug 2021 06:12

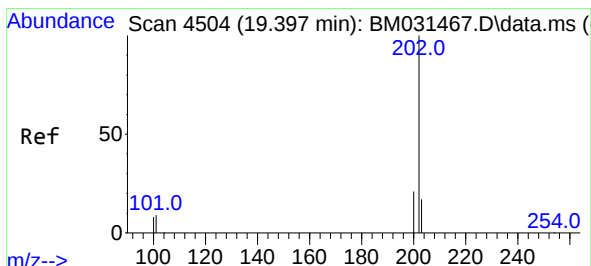
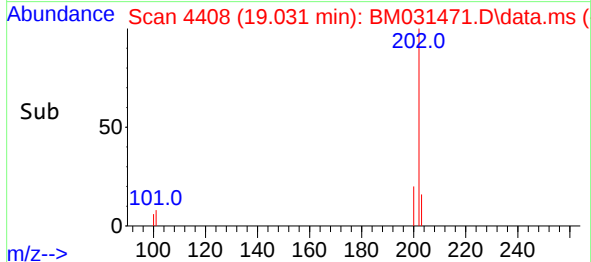
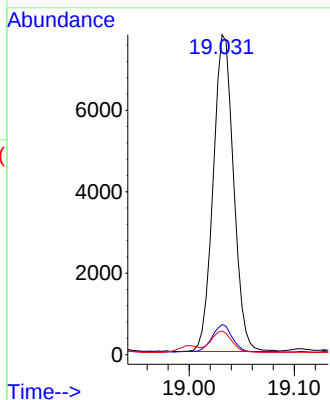
Instrument :
BNA_M
ClientSampled :
BGER3



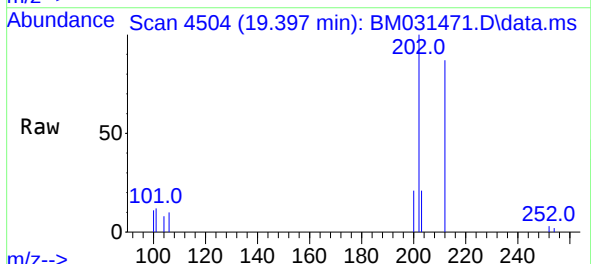
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Ion Ratio Lower Upper
202 100
101 9.4 6.6 10.0
100 7.4 5.4 8.0

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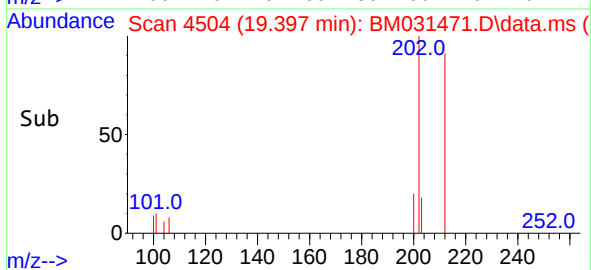
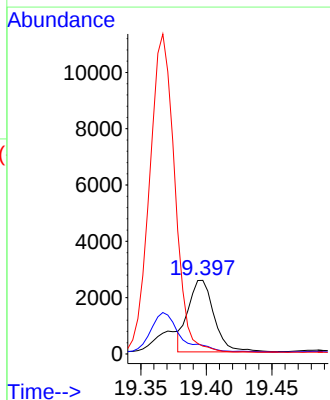
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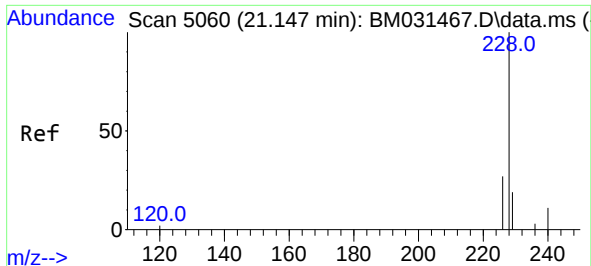


#20
Pyrene
Concen: 0.172 ng/ul m
RT: 19.397 min Scan# 4504
Delta R.T. -0.004 min
Lab File: BM031471.D
Acq: 05 Aug 2021 06:12



Tgt Ion:202 Resp: 3486
Ion Ratio Lower Upper
202 100
101 11.8 7.8 11.6#
100 10.7 6.6 10.0#





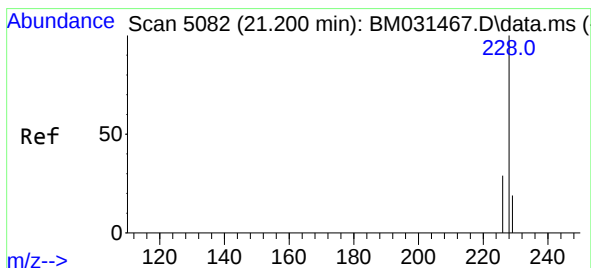
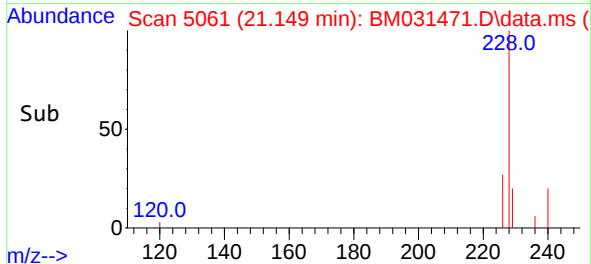
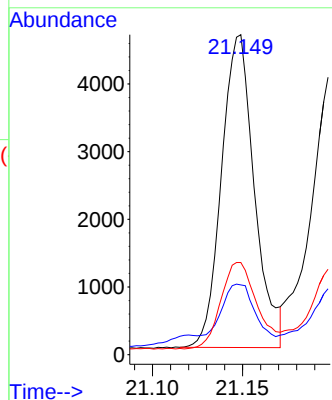
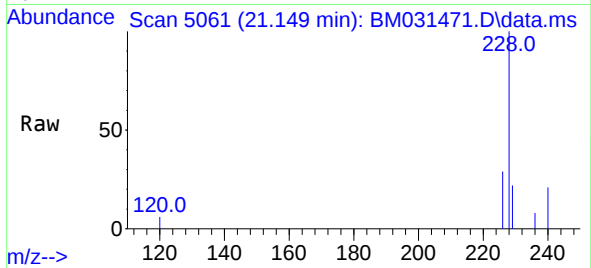
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Benzo(a)anthracene
Concen: 0.311 ng/ul
RT: 21.149 min Scan# 5061
Delta R.T. -0.005 min
Lab File: BM031471.D
Acq: 05 Aug 2021 06:12

Tgt Ion:	228	Resp:	5872
Ion Ratio	Lower	Upper	
228	100		
229	21.8	15.6	23.4
226	28.8	21.7	32.5

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BGER3

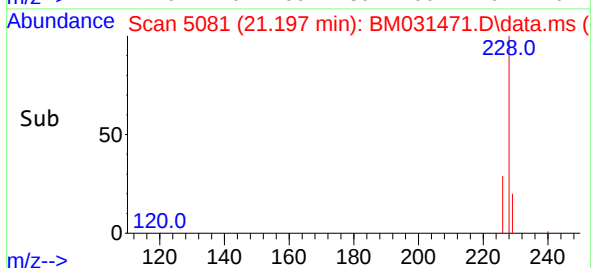
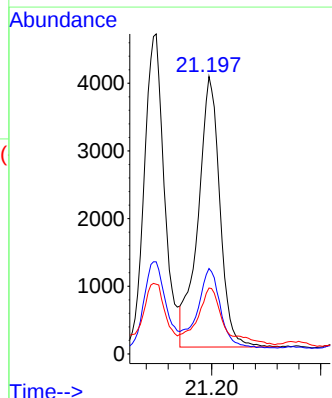
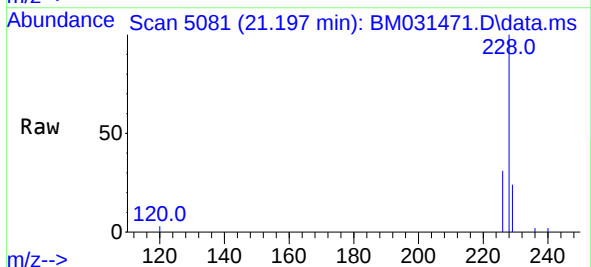
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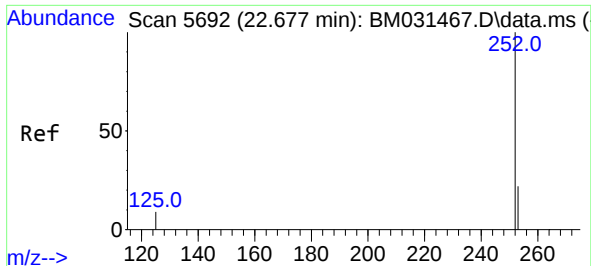
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#22
Chrysene
Concen: 0.285 ng/ul
RT: 21.197 min Scan# 5081
Delta R.T. -0.007 min
Lab File: BM031471.D
Acq: 05 Aug 2021 06:12

Tgt Ion:	228	Resp:	5571
Ion Ratio	Lower	Upper	
228	100		
226	30.8	24.7	37.1
229	23.8	16.2	24.2





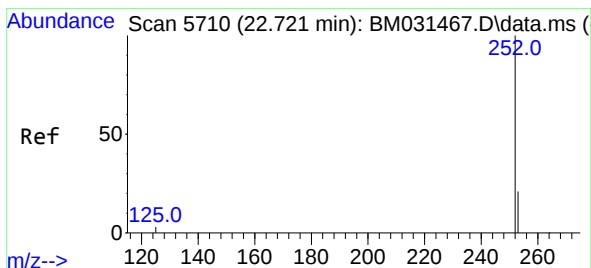
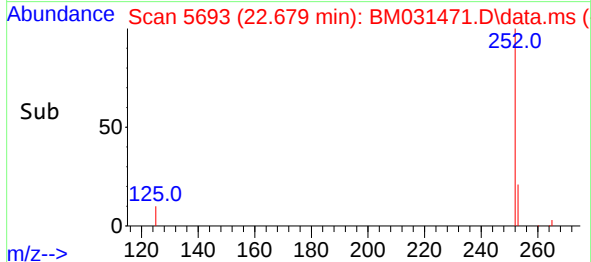
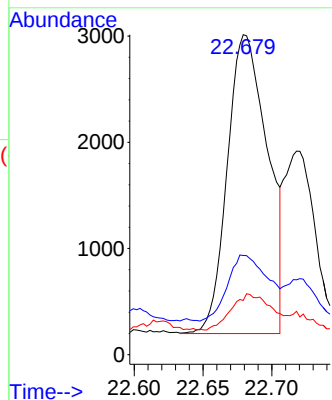
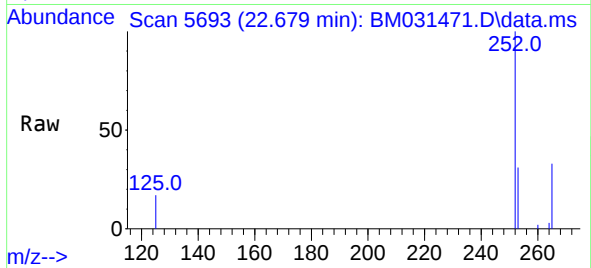
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Benzo(b)fluoranthene
Concen: 0.269 ng/ul m
RT: 22.679 min Scan# 5693
Delta R.T. -0.007 min
Lab File: BM031471.D
Acq: 05 Aug 2021 06:12

Tgt Ion:	252	Resp:	5717
Ion Ratio	Lower	Upper	
252	100		
253	31.0	0.0	53.0
125	17.0	0.0	22.8

Instrument :
BNA_M
ClientSampled :
BGER3

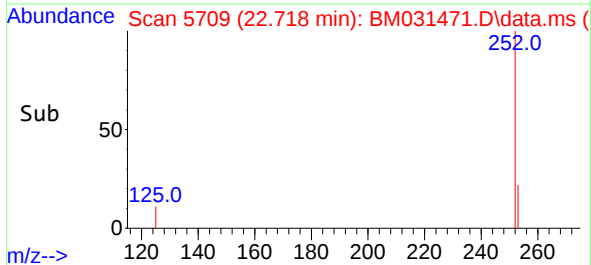
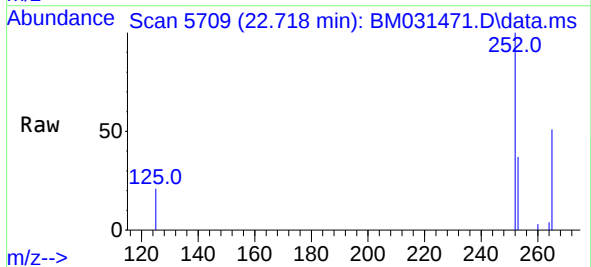
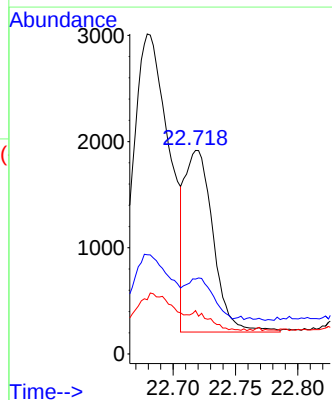
Manual Integrations
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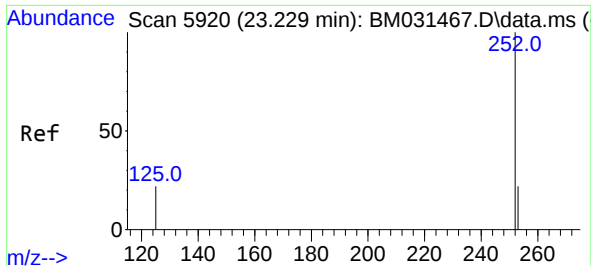
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#25
Benzo(k)fluoranthene
Concen: 0.124 ng/ul m
RT: 22.718 min Scan# 5709
Delta R.T. -0.009 min
Lab File: BM031471.D
Acq: 05 Aug 2021 06:12

Tgt Ion:	252	Resp:	2713
Ion Ratio	Lower	Upper	
252	100		
253	36.8	21.3	31.9#
125	21.3	8.8	13.2#





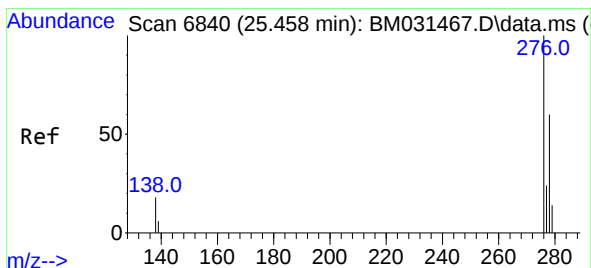
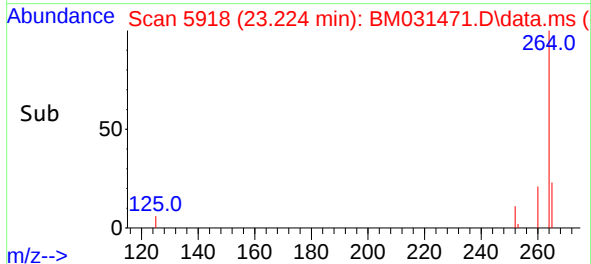
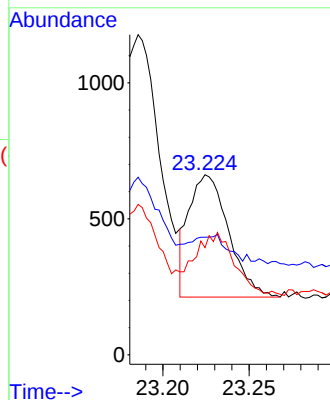
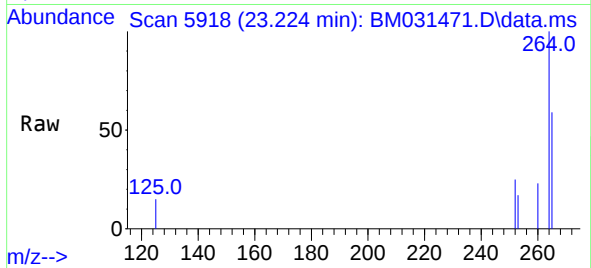
#26
Benzo(a)pyrene
Concen: 0.039 ng/ul
RT: 23.224 min Scan# 5918
Delta R.T. -0.009 min
Lab File: BM031471.D
Acq: 05 Aug 2021 06:12

Tgt Ion:	252	Resp:	720
Ion Ratio	Lower	Upper	
252	100		
253	65.3	22.4	33.6#
125	59.5	13.0	19.4#

Instrument :
BNA_M
ClientSampled :
BGER3

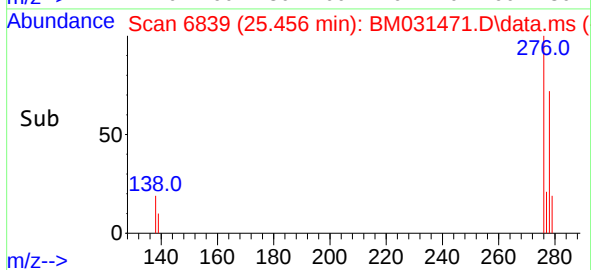
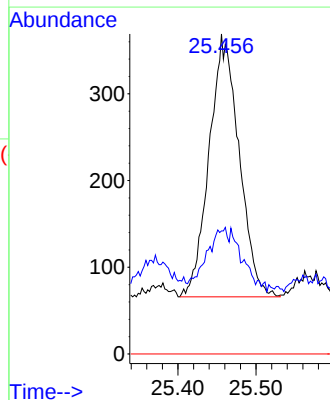
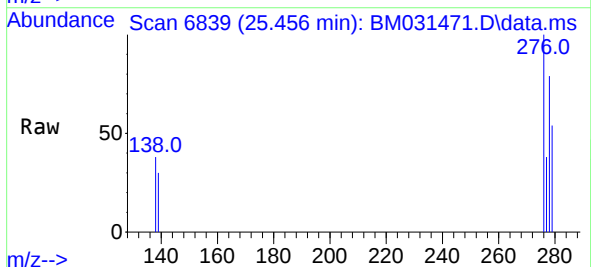
Manual Integrations
APPROVED

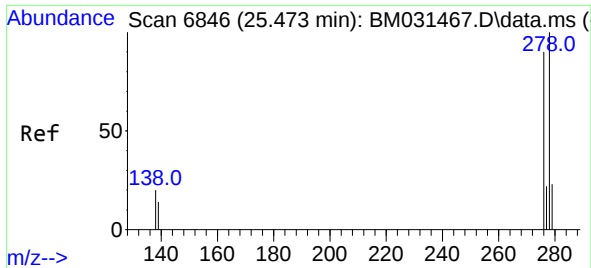
mohammad
8/5/2021 5:05:03 PM



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.033 ng/ul
RT: 25.456 min Scan# 6839
Delta R.T. -0.009 min
Lab File: BM031471.D
Acq: 05 Aug 2021 06:12

Tgt Ion:	276	Resp:	804
Ion Ratio	Lower	Upper	
276	100		
138	28.5	15.8	23.8#
227	0.0	0.0	0.0





#28
 Dibenzo(a,h)anthracene
 Concen: 0.041 ng/ul
 RT: 25.465 min Scan# 6843
 Delta R.T. -0.019 min
 Lab File: BM031471.D
 Acq: 05 Aug 2021 06:12

Tgt Ion: 278 Resp: 792
 Ion Ratio Lower Upper
 278 100
 139 34.4 13.3 19.9#
 279 64.7 22.8 34.2#

Instrument :
 BNA_M
 ClientSampleId :
 BGER3

Manual Integrations
 APPROVED

mohammad
 8/5/2021 5:05:03 PM

