

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080921\
 Data File : BM031599.D
 Acq On : 09 Aug 2021 12:27
 Operator : CG/JU
 Sample : M3124-01DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0084DL

Manual Integrations
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Quant Time: Aug 09 13:01:47 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 : Mon Aug 09 10:16:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.580	152	1320	0.400	ng/ul	0.00
4) Naphthalene-d8	10.343	136	5118	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.212	164	2897	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.961	188	5608	0.400	ng/ul #	0.00
17) Chrysene-d12	21.156	240	4387	0.400	ng/ul #	0.00
23) Perylene-d12	23.312	264	4270	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	731	0.499	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.939	152	281	0.033	ng/ul	0.00
18) Fluoranthene-d10	18.993	212	534	0.036	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.388	128	1078	0.071	ng/ul#	84
7) 2-Methylnaphthalene	12.016	142	930	0.089	ng/ul	97
8) 1-Methylnaphthalene	12.236	142	551	0.054	ng/ul	93
10) Acenaphthylene	13.932	152	1112	0.090	ng/ul#	87
11) Acenaphthene	14.277	153	220	0.021	ng/ul#	91
12) Fluorene	15.270	166	387	0.032	ng/ul#	85
15) Phenanthrene	17.003	178	8452	0.475	ng/ul	100
16) Anthracene	17.096	178	1721	0.103	ng/ul#	93
19) Fluoranthene	19.024	202	25727	1.373	ng/ul#	95
20) Pyrene	19.386	202	15209	0.800	ng/ul#	94
21) Benzo(a)anthracene	21.140	228	9995	0.564	ng/ul	96
22) Chrysene	21.193	228	12608	0.688	ng/ul	98
24) Benzo(b)fluoranthene	22.672	252	17358m	0.902	ng/ul	
25) Benzo(k)fluoranthene	22.711	252	6354m	0.320	ng/ul	
26) Benzo(a)pyrene	23.220	252	4710	0.280	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	25.449	276	4819	0.221	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.456	278	1800	0.103	ng/ul#	45

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

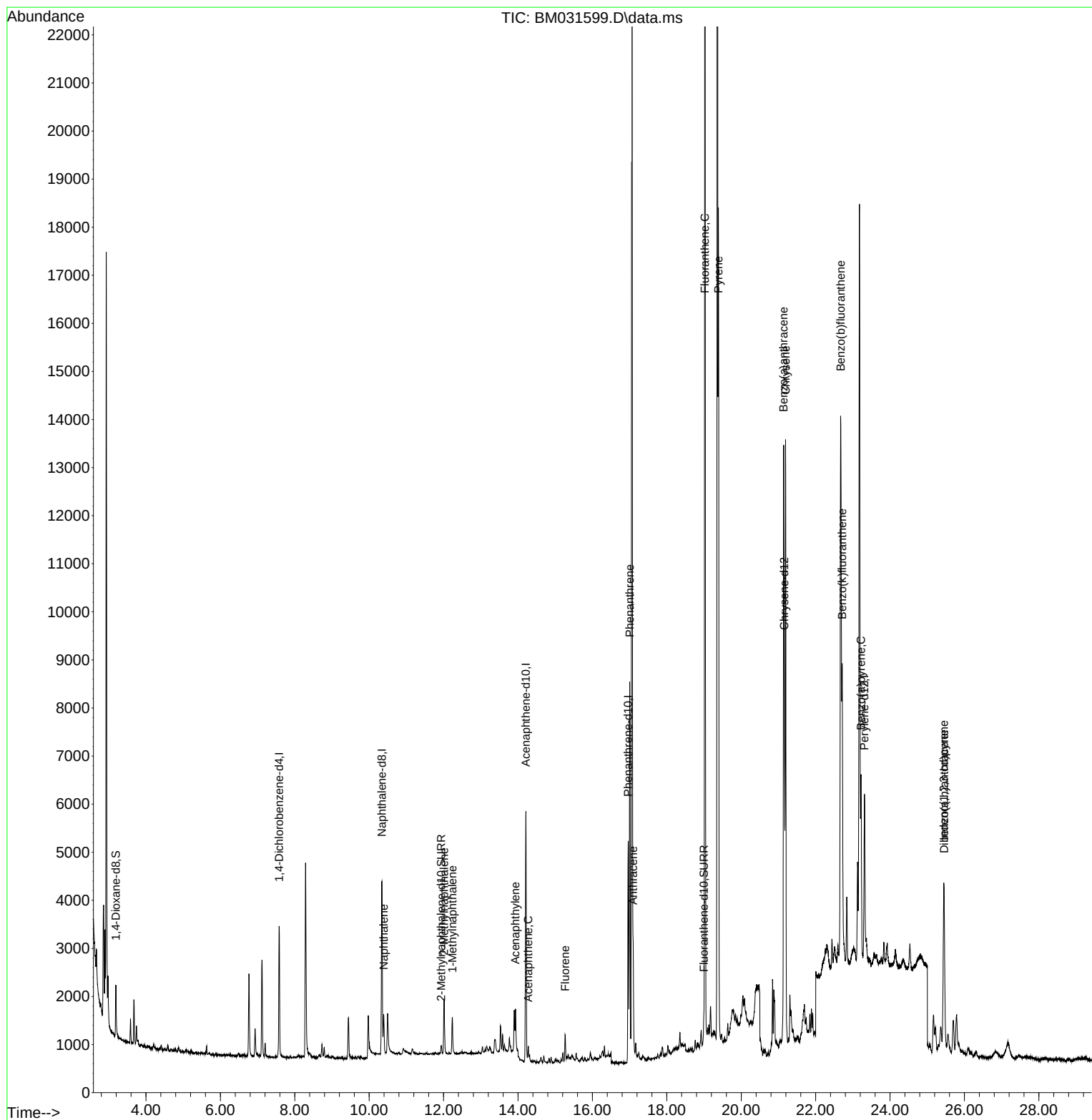
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080921\
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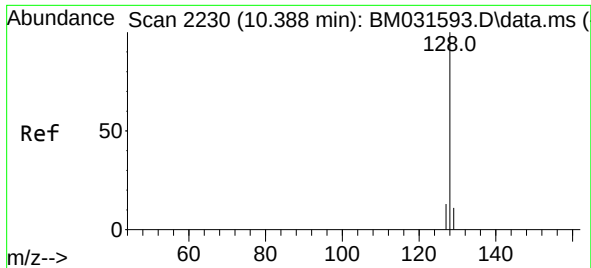
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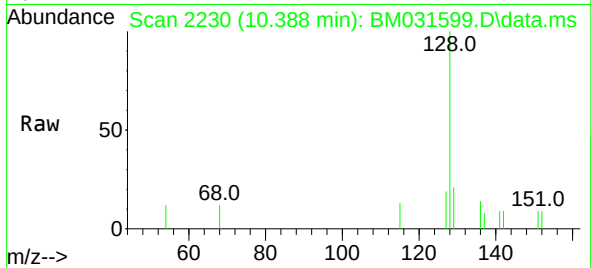
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Quant Time: Aug 09 13:01:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 09 10:16:43 2021
Response via : Initial Calibration

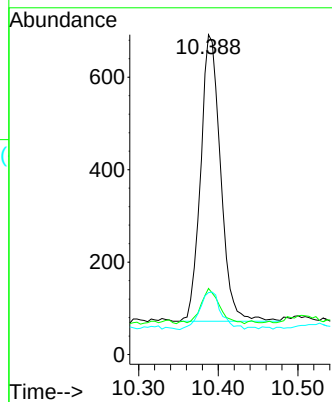
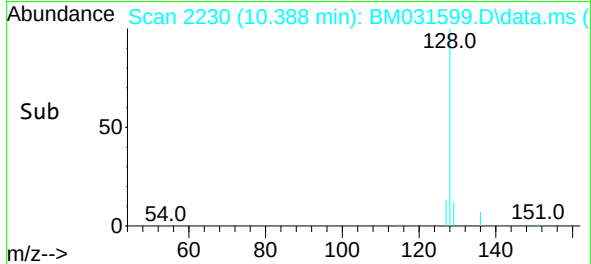




#5
Naphthalene
Concen: 0.071 ng/ul
RT: 10.388 min Scan# 2230
Delta R.T. -0.000 min
Lab File: BM031599.D
Acq: 09 Aug 2021 12:27



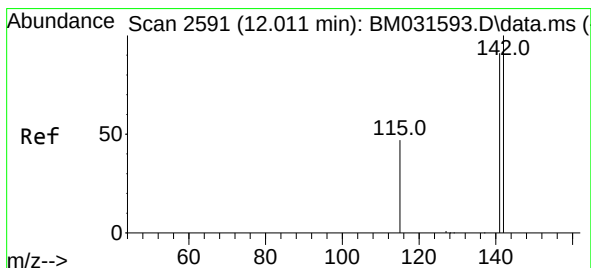
Tgt Ion:128 Resp: 1078
Ion Ratio Lower Upper
128 100
129 20.7 10.0 15.0#
127 19.4 11.6 17.4#



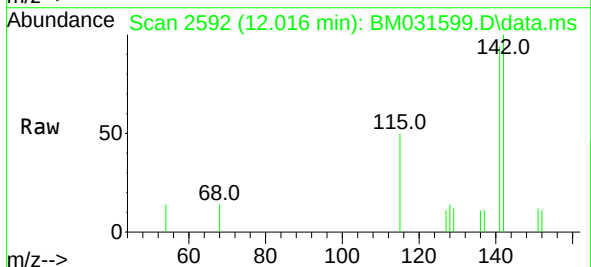
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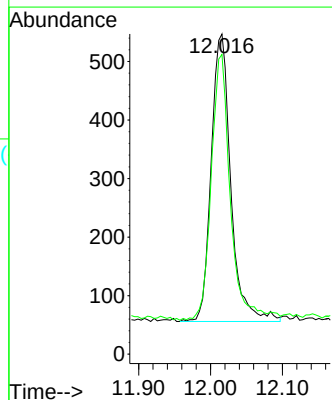
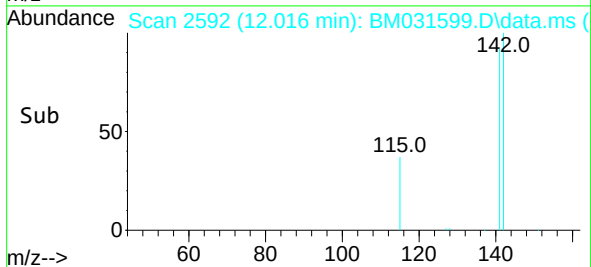
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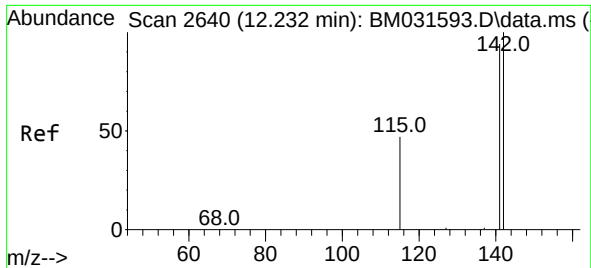


#7
2-Methylnaphthalene
Concen: 0.089 ng/ul
RT: 12.016 min Scan# 2592
Delta R.T. 0.004 min
Lab File: BM031599.D
Acq: 09 Aug 2021 12:27



Tgt Ion:142 Resp: 930
Ion Ratio Lower Upper
142 100
141 92.2 71.4 107.0





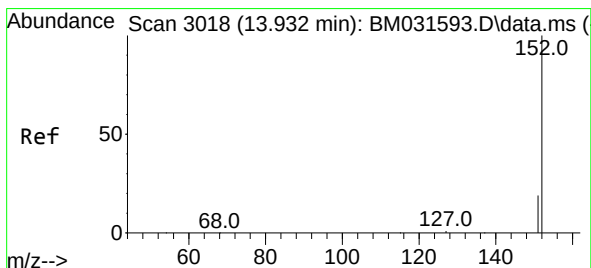
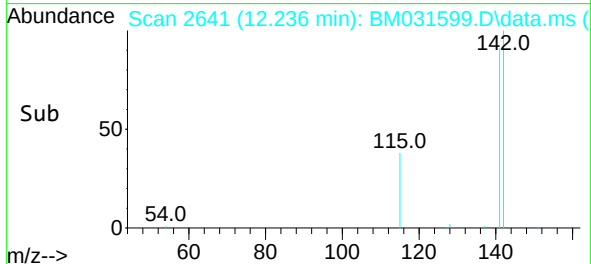
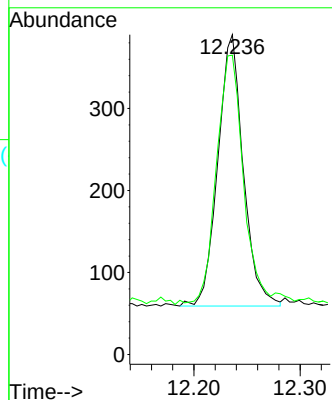
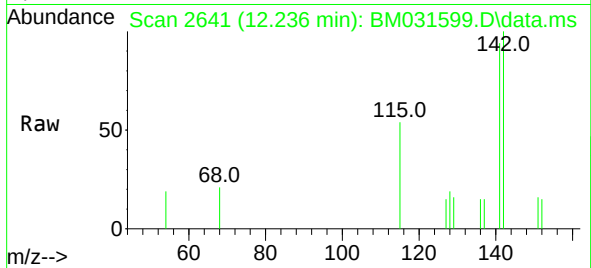
#8
1-Methylnaphthalene
Concen: 0.054 ng/ul
RT: 12.236 min Scan# 2641
Delta R.T. 0.004 min
Lab File: BM031599.D
Acq: 09 Aug 2021 12:27

Tgt Ion:142 Resp: 551
Ion Ratio Lower Upper
142 100
141 99.3 74.1 111.1

Instrument :
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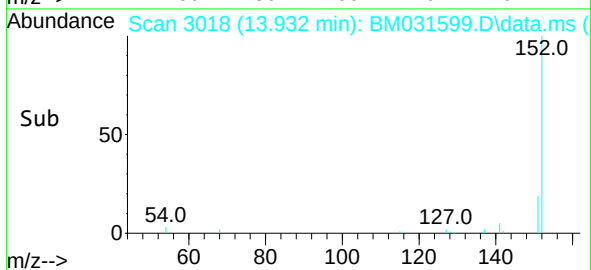
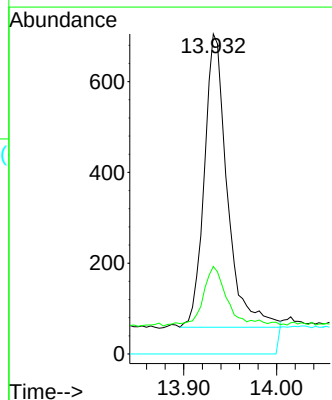
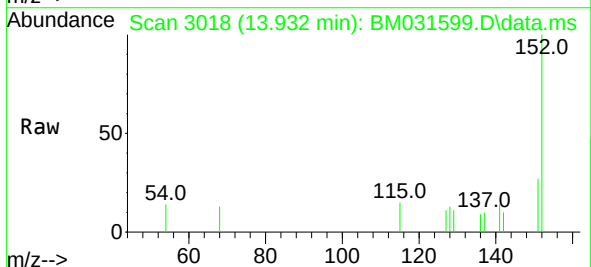
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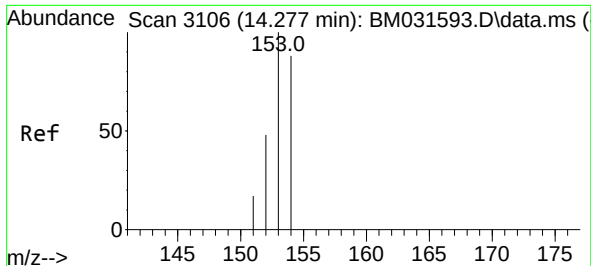
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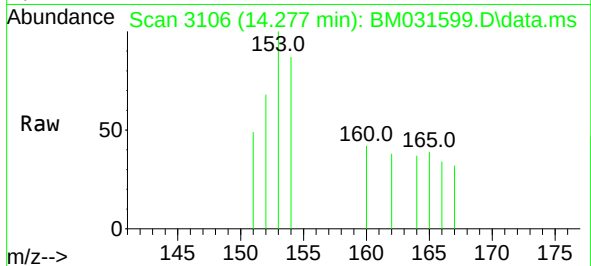
#10
Acenaphthylene
Concen: 0.090 ng/ul
RT: 13.932 min Scan# 3018
Delta R.T. -0.000 min
Lab File: BM031599.D
Acq: 09 Aug 2021 12:27

Tgt Ion:152 Resp: 1112
Ion Ratio Lower Upper
152 100
151 27.4 16.9 25.3#
153 0.0 0.0 0.0

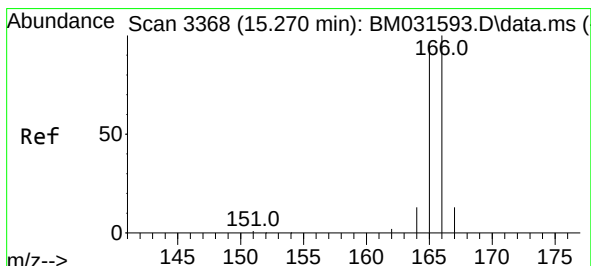
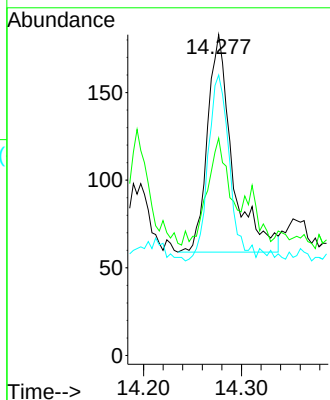
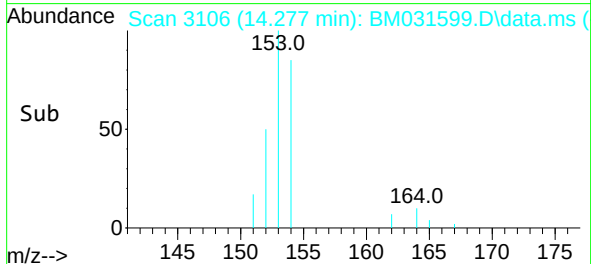




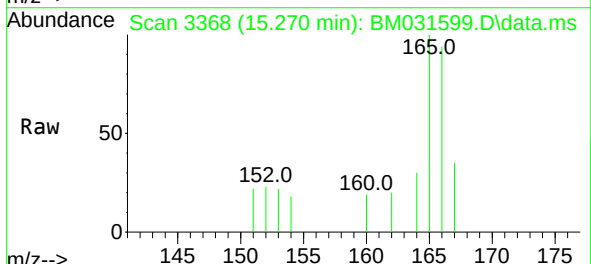
#11
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.277 min Scan# 3106
Delta R.T. -0.000 min
Lab File: BM031599.D
Acq: 09 Aug 2021 12:27



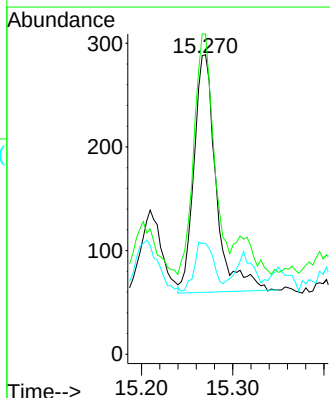
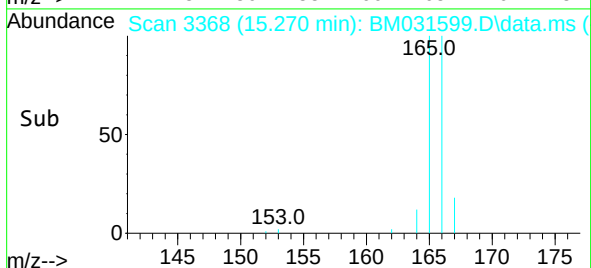
Tgt Ion:153 Resp: 220
Ion Ratio Lower Upper
153 100
152 67.8 40.7 61.1#
154 87.4 70.2 105.2



#12
Fluorene
Concen: 0.032 ng/ul
RT: 15.270 min Scan# 3368
Delta R.T. -0.000 min
Lab File: BM031599.D
Acq: 09 Aug 2021 12:27



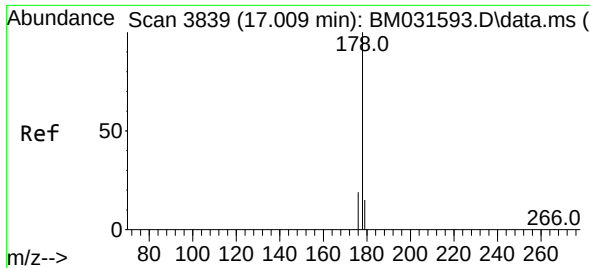
Tgt Ion:166 Resp: 387
Ion Ratio Lower Upper
166 100
165 106.9 78.0 117.0
167 37.0 12.0 18.0#



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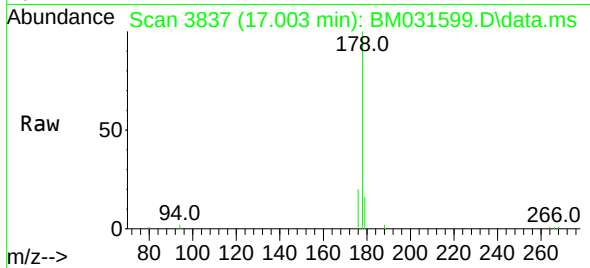
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#15
Phenanthrene
Concen: 0.475 ng/ul
RT: 17.003 min Scan# 3837
Delta R.T. -0.007 min
Lab File: BM031599.D
Acq: 09 Aug 2021 12:27

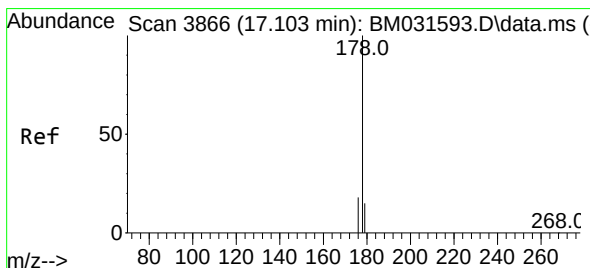
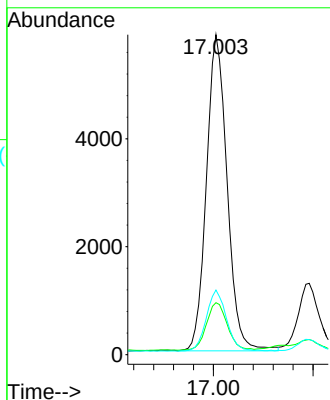
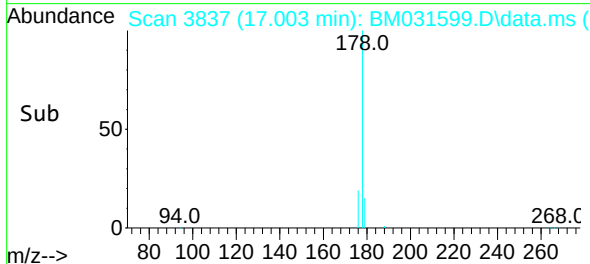
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ClientSampled :
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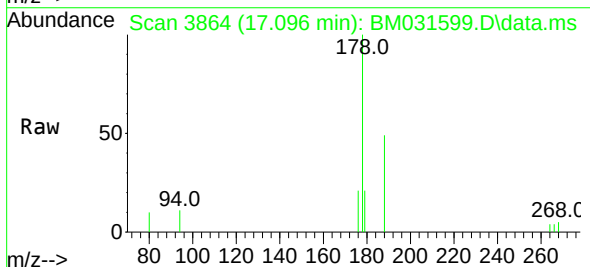
Tgt Ion:178 Resp: 8452
Ion Ratio Lower Upper
178 100
179 16.2 13.3 19.9
176 20.2 16.2 24.4

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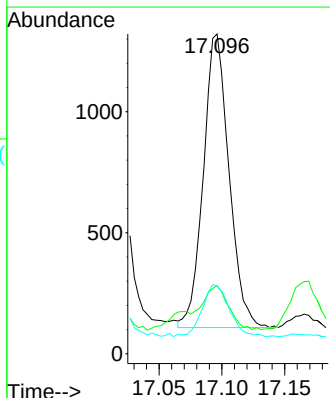
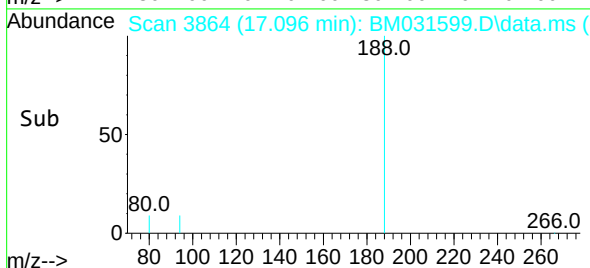
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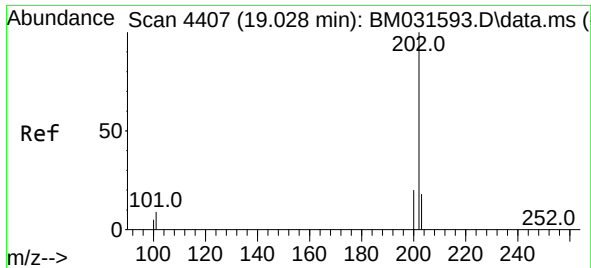


#16
Anthracene
Concen: 0.103 ng/ul
RT: 17.096 min Scan# 3864
Delta R.T. -0.007 min
Lab File: BM031599.D
Acq: 09 Aug 2021 12:27



Tgt Ion:178 Resp: 1721
Ion Ratio Lower Upper
178 100
179 21.3 13.0 19.6#
176 21.1 15.6 23.4





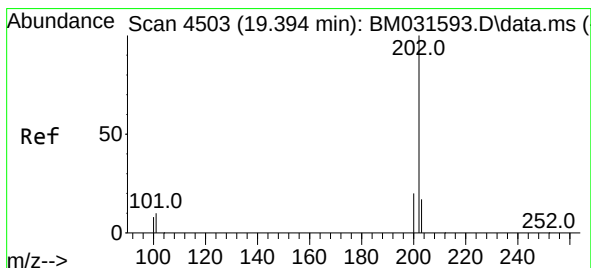
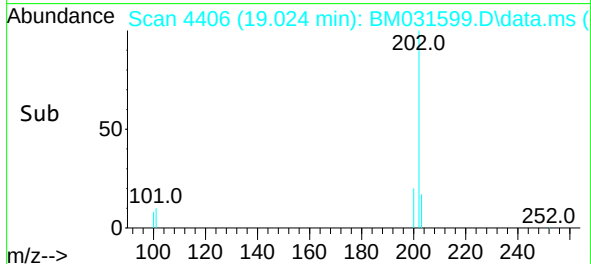
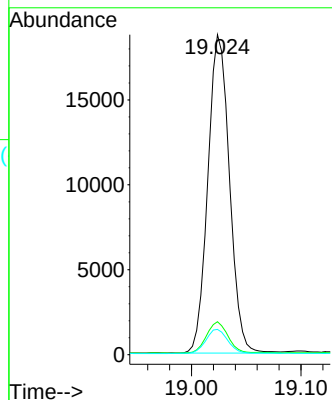
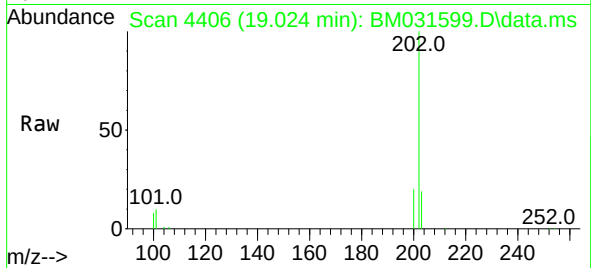
#19
Fluoranthene
Concen: 1.373 ng/ul
RT: 19.024 min Scan# 4406
Delta R.T. -0.004 min
Lab File: BM031599.D
Acq: 09 Aug 2021 12:27

Tgt Ion:202 Resp: 25727
Ion Ratio Lower Upper
202 100
101 10.3 6.6 10.0#
100 7.9 5.4 8.0

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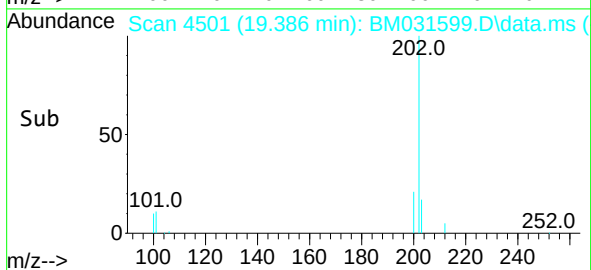
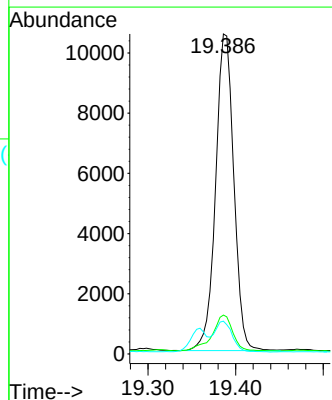
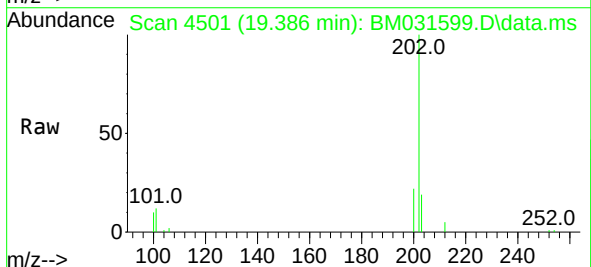
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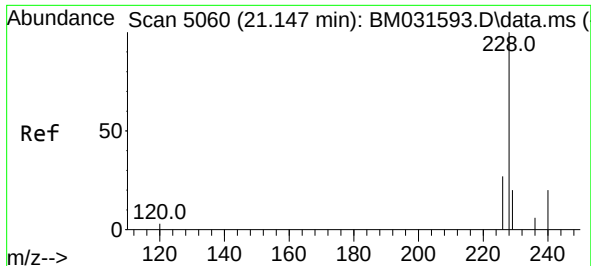
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#20
Pyrene
Concen: 0.800 ng/ul
RT: 19.386 min Scan# 4501
Delta R.T. -0.008 min
Lab File: BM031599.D
Acq: 09 Aug 2021 12:27

Tgt Ion:202 Resp: 15209
Ion Ratio Lower Upper
202 100
101 12.2 7.8 11.6#
100 10.3 6.6 10.0#





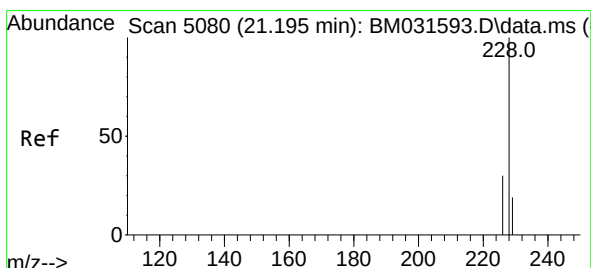
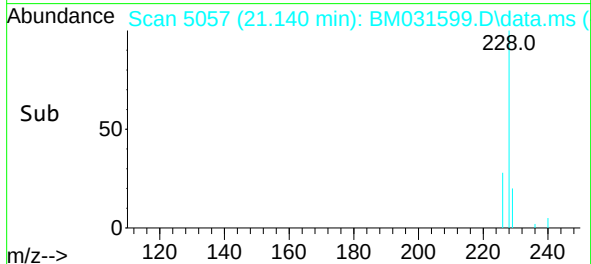
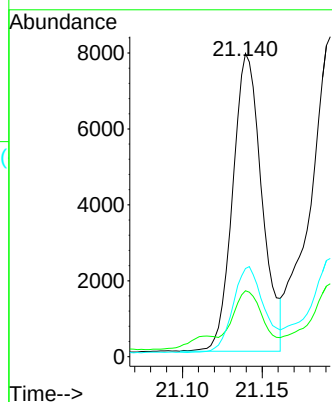
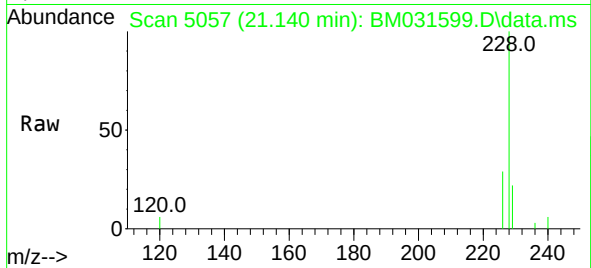
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Benzo(a)anthracene
Concen: 0.564 ng/u1
RT: 21.140 min Scan# 5057
Delta R.T. -0.007 min
Lab File: BM031599.D
Acq: 09 Aug 2021 12:27

Tgt Ion:228 Resp: 9995
Ion Ratio Lower Upper
228 100
229 21.7 15.6 23.4
226 29.1 21.7 32.5

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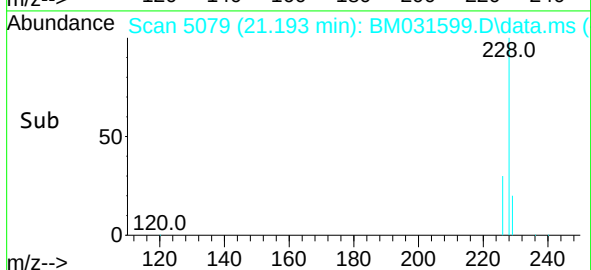
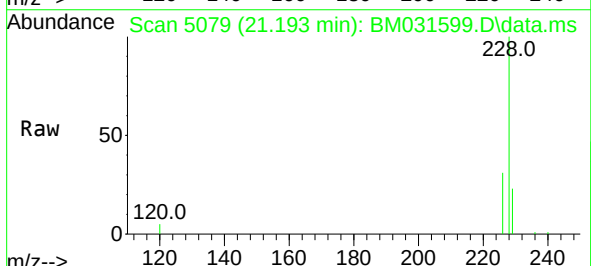
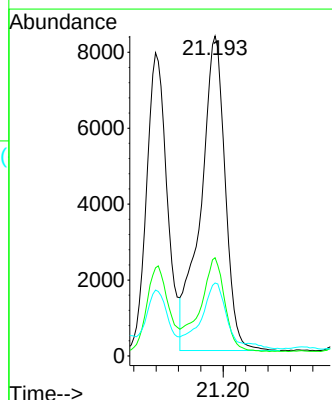
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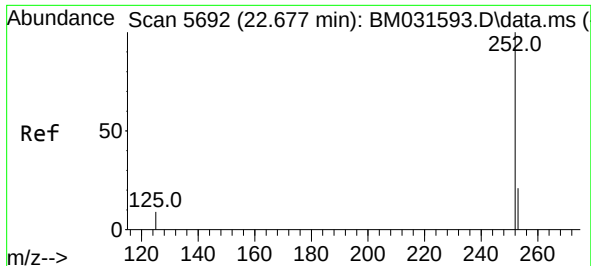
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#22
Chrysene
Concen: 0.688 ng/u1
RT: 21.193 min Scan# 5079
Delta R.T. -0.002 min
Lab File: BM031599.D
Acq: 09 Aug 2021 12:27

Tgt Ion:228 Resp: 12608
Ion Ratio Lower Upper
228 100
226 30.7 24.7 37.1
229 22.8 16.2 24.2





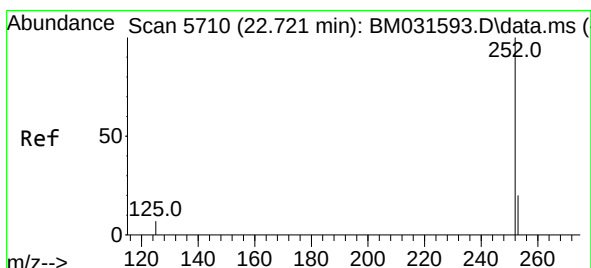
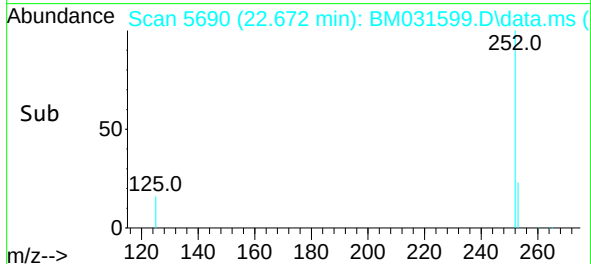
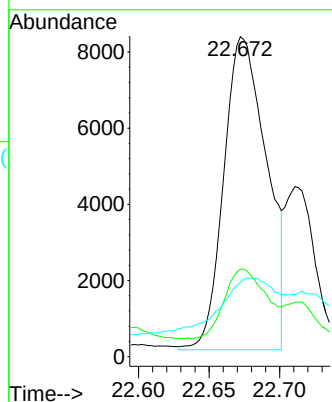
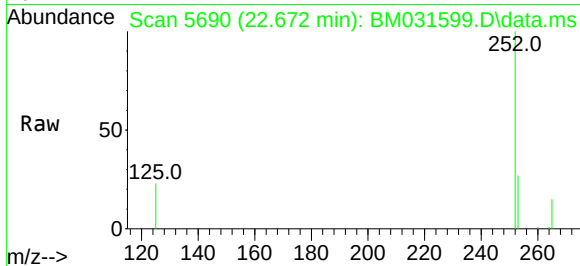
#24
Benzo(b)fluoranthene
Concen: 0.902 ng/ul m
RT: 22.672 min Scan# 5690
Delta R.T. -0.005 min
Lab File: BM031599.D
Acq: 09 Aug 2021 12:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.4	0.0	53.0
125	23.3	0.0	22.8#

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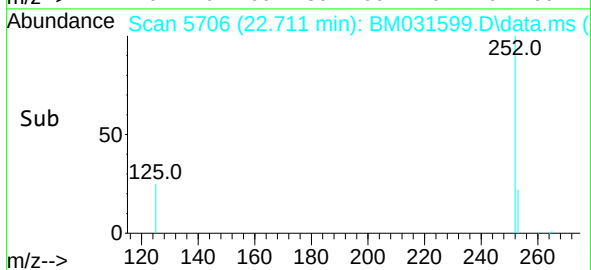
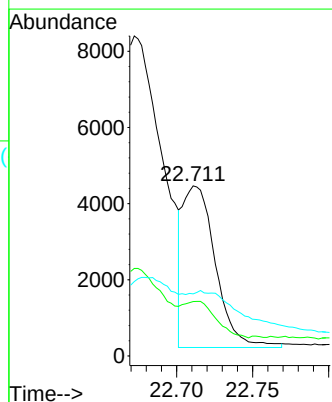
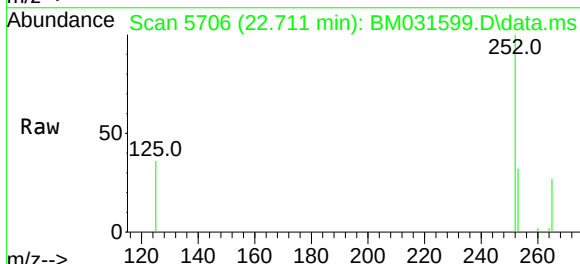
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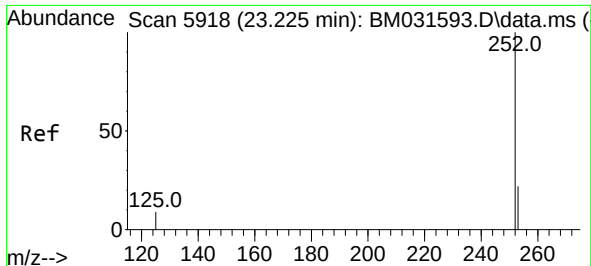
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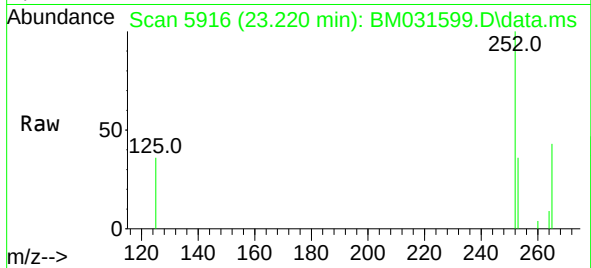
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Benzo(k)fluoranthene
Concen: 0.320 ng/ul m
RT: 22.711 min Scan# 5706
Delta R.T. -0.010 min
Lab File: BM031599.D
Acq: 09 Aug 2021 12:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.0	21.3	31.9#
125	36.5	8.8	13.2#

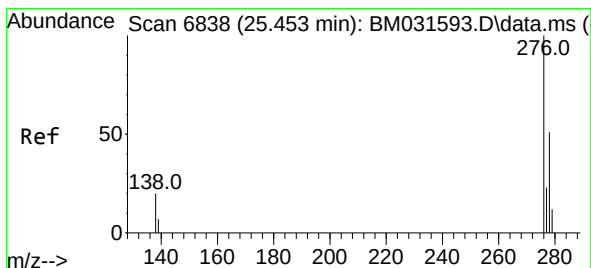
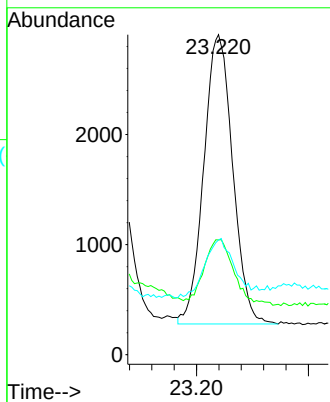
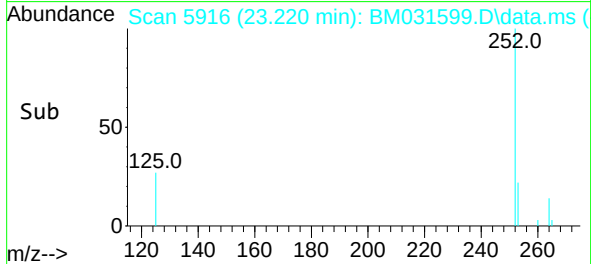




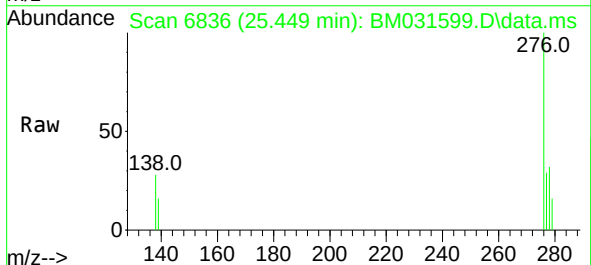
#26
Benzo(a)pyrene
Concen: 0.280 ng/ul
RT: 23.220 min Scan# 5916
Delta R.T. -0.005 min
Lab File: BM031599.D
Acq: 09 Aug 2021 12:27



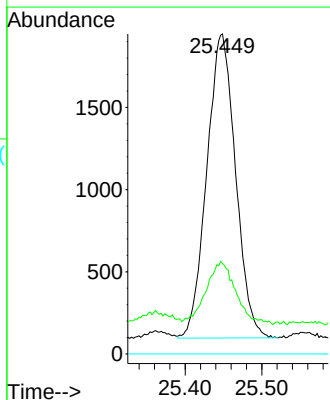
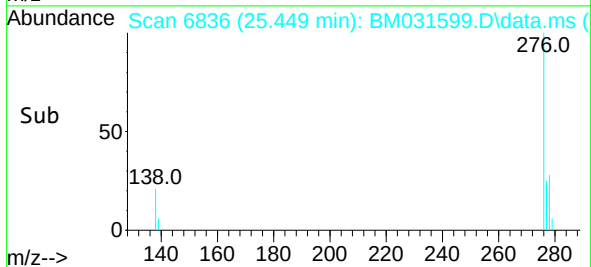
Tgt Ion:252 Resp: 4710
Ion Ratio Lower Upper
252 100
253 35.8 22.4 33.6#
125 35.8 13.0 19.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.221 ng/ul
RT: 25.449 min Scan# 6836
Delta R.T. -0.005 min
Lab File: BM031599.D
Acq: 09 Aug 2021 12:27



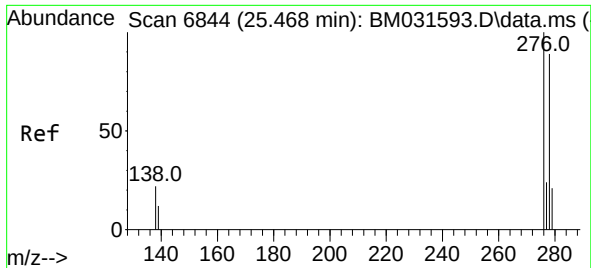
Tgt Ion:276 Resp: 4819
Ion Ratio Lower Upper
276 100
138 22.2 15.8 23.8
227 0.0 0.0 0.0



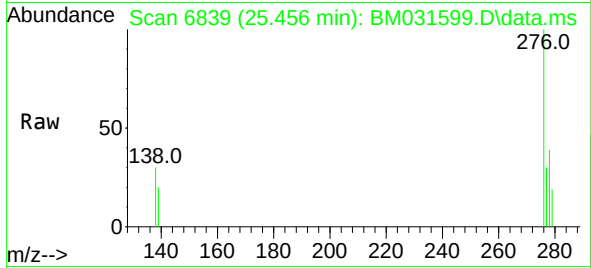
Instrument :
BNA_M
ClientSampled :
C0084DL

Manual Integrations
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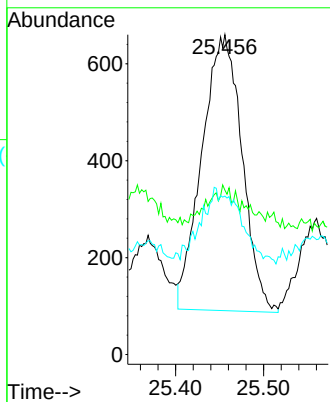
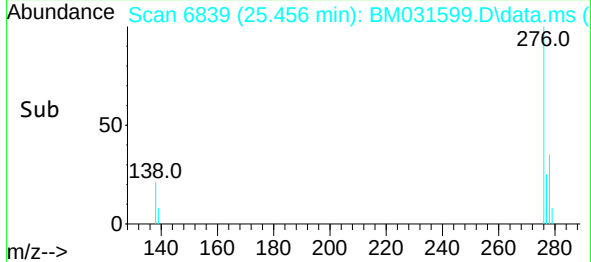
mohammad
8/10/2021 4:36:04 PM



#28
 Dibenzo(a,h)anthracene
 Concen: 0.103 ng/ul
 RT: 25.456 min Scan# 6839
 Delta R.T. -0.012 min
 Lab File: BM031599.D
 Acq: 09 Aug 2021 12:27



Tgt Ion: 278 Resp: 1800
 Ion Ratio Lower Upper
 278 100
 139 51.4 13.3 19.9#
 279 49.5 22.8 34.2#



Instrument :
 BNA_M
 ClientSampleId :
 C0084DL

Manual Integrations
 APPROVED

mohammad
 8/10/2021 4:36:04 PM