

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
 Data File : BM031400.D
 Acq On : 03 Aug 2021 06:49
 Operator : CG/JU
 Sample : M3123-11
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0072

Manual Integrations
 APPROVED

mohammad
 8/3/2021 11:51:44 AM

Quant Time: Aug 03 07:29:32 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 02 11:29:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.597	152	1286	0.40	ng/ul	0.00
4) Naphthalene-d8	10.361	136	5040	0.40	ng/ul	# 0.00
9) Acenaphthene-d10	14.227	164	3210	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.978	188	6021	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.168	240	4772	0.40	ng/ul	# 0.00
23) Perylene-d12	23.331	264	4685	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.192	96	1633	1.14	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.953	152	1205	0.14	ng/ul	0.00
18) Fluoranthene-d10	19.008	212	2646	0.17	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.406	128	15434	1.03	ng/ul	98
7) 2-Methylnaphthalene	12.029	142	11035	1.08	ng/ul	100
8) 1-Methylnaphthalene	12.250	142	6725	0.66	ng/ul	99
10) Acenaphthylene	13.950	152	724	0.05	ng/ul#	73
11) Acenaphthene	14.288	153	749m	0.07	ng/ul	
12) Fluorene	15.281	166	838	0.06	ng/ul#	75
15) Phenanthrene	17.020	178	31854	1.67	ng/ul	98
16) Anthracene	17.110	178	1912	0.11	ng/ul#	91
19) Fluoranthene	19.039	202	17275	0.85	ng/ul#	96
20) Pyrene	19.401	202	13723	0.66	ng/ul	95
21) Benzo(a)anthracene	21.152	228	6697	0.35	ng/ul#	88
22) Chrysene	21.202	228	13087	0.66	ng/ul#	96
24) Benzo(b)fluoranthene	22.689	252	9237m	0.44	ng/ul	
25) Benzo(k)fluoranthene	22.728	252	2786m	0.13	ng/ul	
26) Benzo(a)pyrene	23.234	252	4232	0.23	ng/ul#	37
27) Indeno(1,2,3-cd)pyrene	25.468	276	3229	0.14	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.475	278	1227	0.06	ng/ul#	1

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

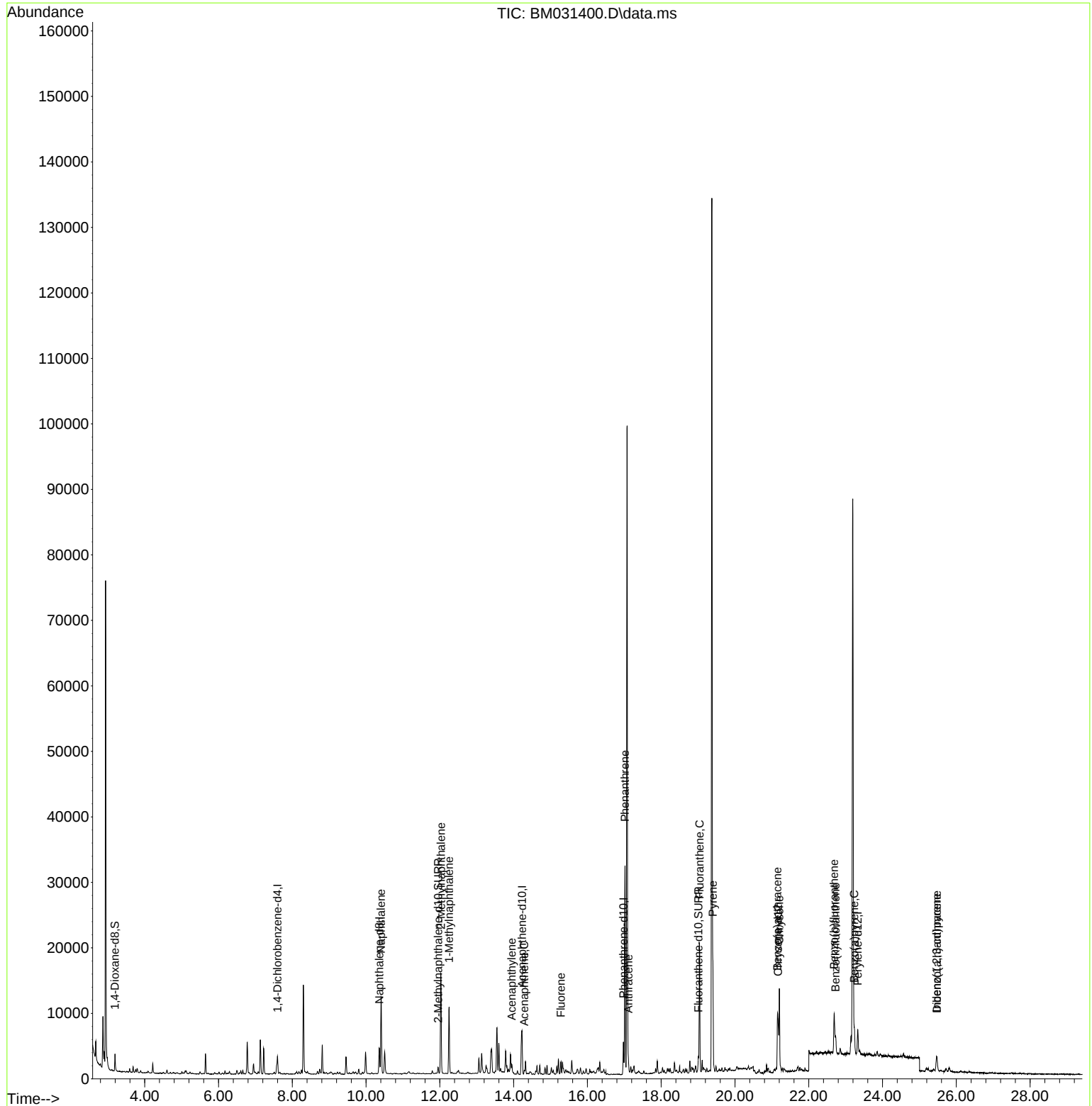
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Data File : BM031400.D
Acq On : 03 Aug 2021 06:49
Operator : CG/JU
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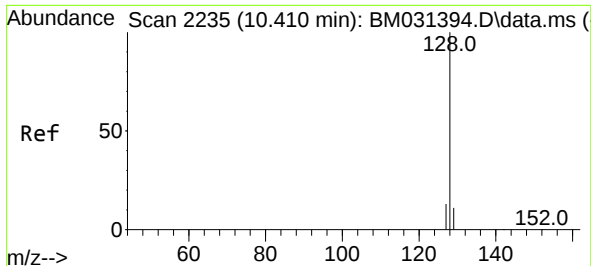
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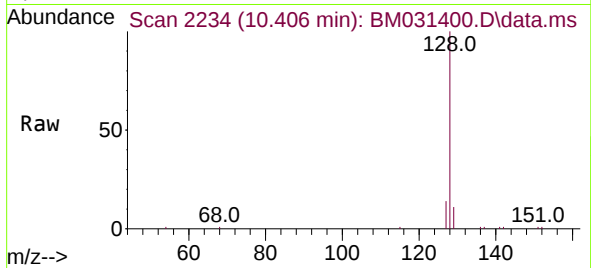
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Quant Time: Aug 03 07:29:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 11:29:41 2021
Response via : Initial Calibration

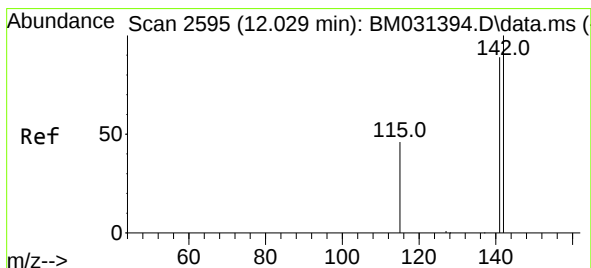
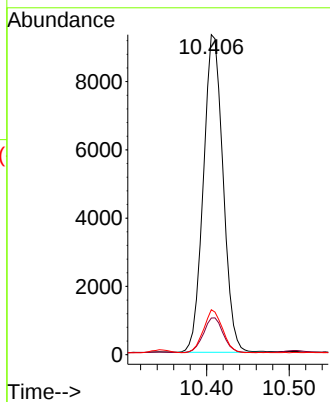
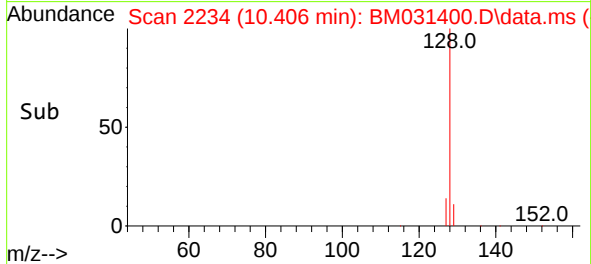




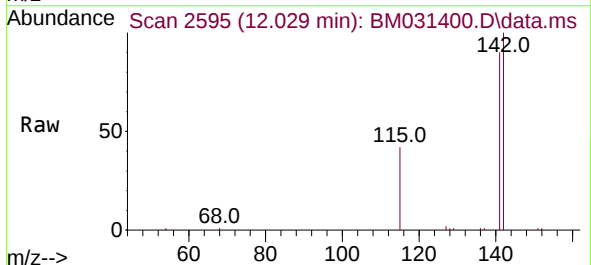
#5
Naphthalene
Concen: 1.03 ng/ul
RT: 10.406 min Scan# 2234
Delta R.T. -0.004 min
Lab File: BM031400.D
Acq: 03 Aug 2021 06:49



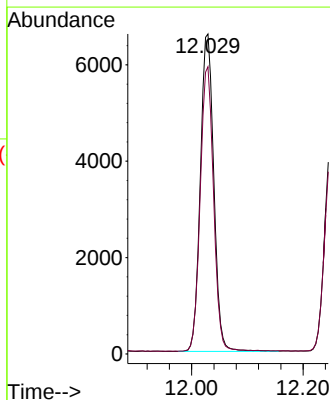
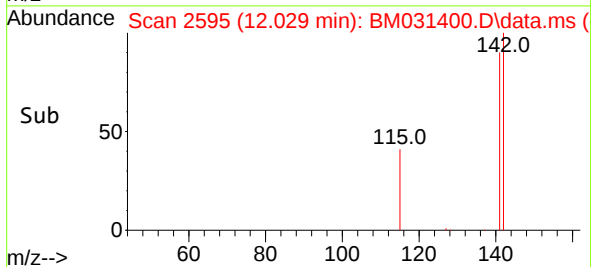
Tgt Ion:128 Resp: 15434
Ion Ratio Lower Upper
128 100
129 11.5 10.0 15.0
127 14.1 11.6 17.4



#7
2-Methylnaphthalene
Concen: 1.08 ng/ul
RT: 12.029 min Scan# 2595
Delta R.T. -0.004 min
Lab File: BM031400.D
Acq: 03 Aug 2021 06:49



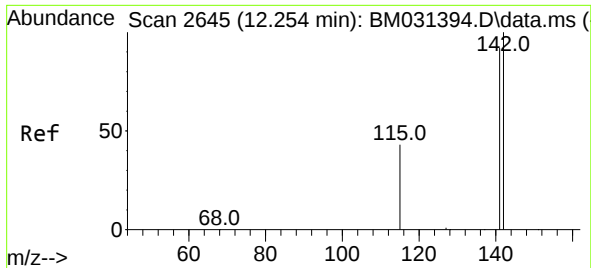
Tgt Ion:142 Resp: 11035
Ion Ratio Lower Upper
142 100
141 89.0 71.4 107.0



Instrument :
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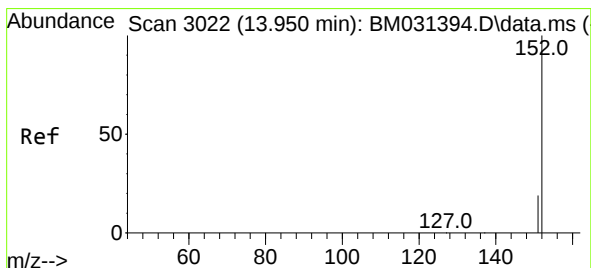
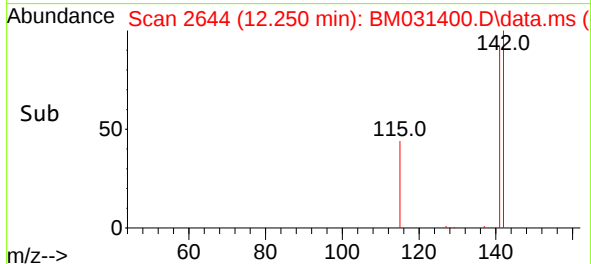
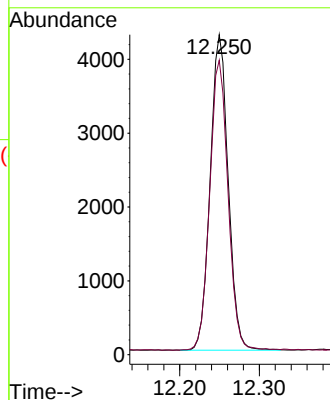
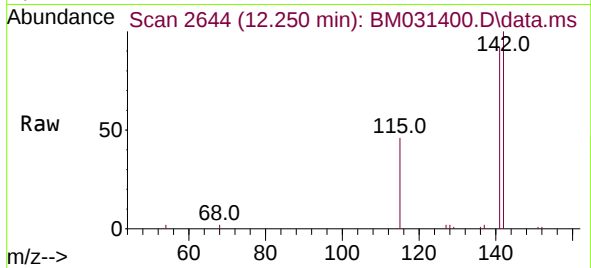
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1-Methylnaphthalene
Concen: 0.66 ng/ul
RT: 12.250 min Scan# 2644
Delta R.T. -0.004 min
Lab File: BM031400.D
Acq: 03 Aug 2021 06:49

Tgt Ion:142 Resp: 6725
Ion Ratio Lower Upper
142 100
141 93.4 74.1 111.1

Instrument :
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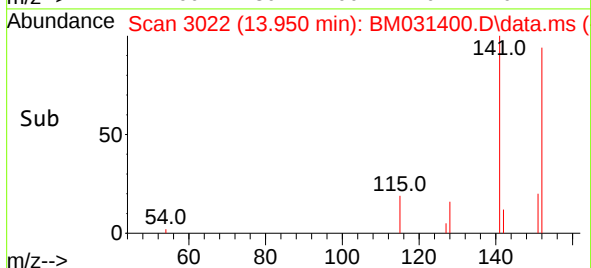
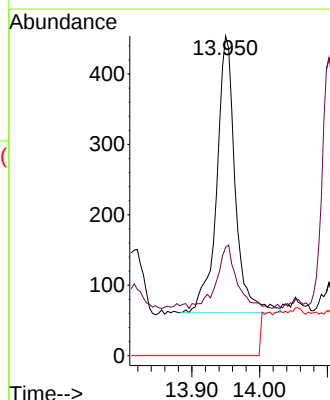
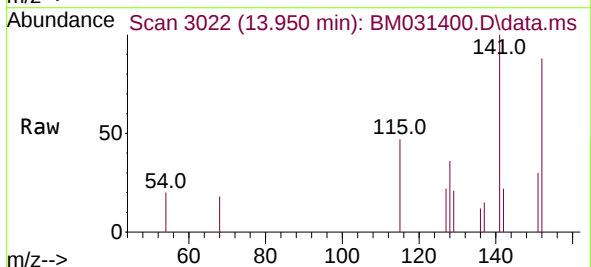
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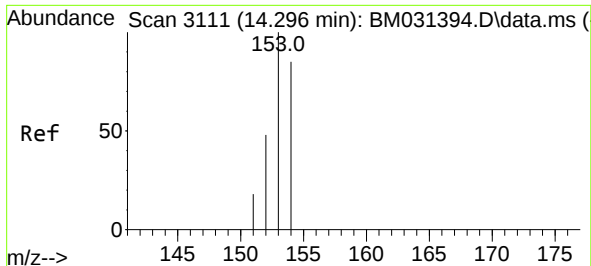
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#10
Acenaphthylene
Concen: 0.05 ng/ul
RT: 13.950 min Scan# 3022
Delta R.T. -0.004 min
Lab File: BM031400.D
Acq: 03 Aug 2021 06:49

Tgt Ion:152 Resp: 724
Ion Ratio Lower Upper
152 100
151 33.9 16.9 25.3#
153 0.0 0.0 0.0





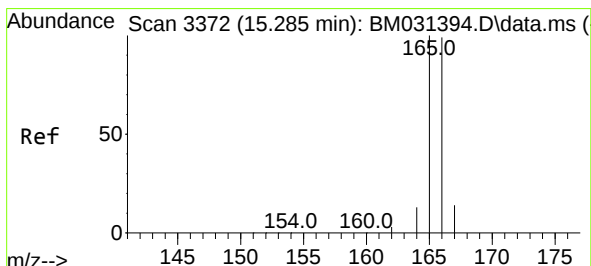
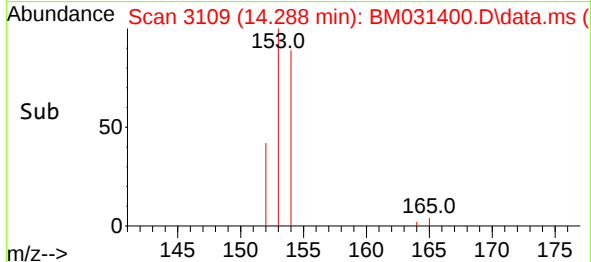
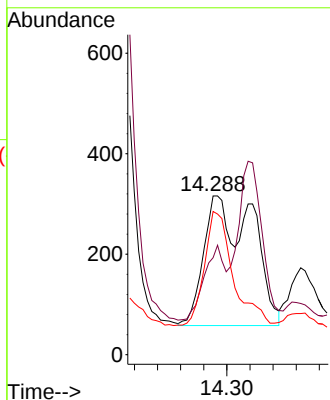
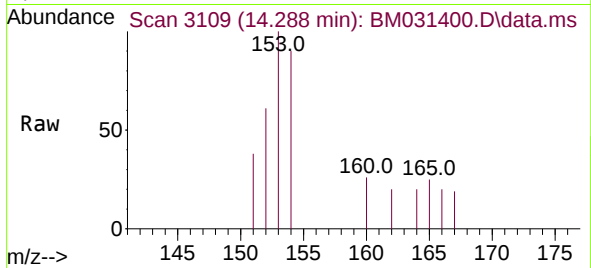
#11
Acenaphthene
Concen: 0.07 ng/ul m
RT: 14.288 min Scan# 3109
Delta R.T. -0.007 min
Lab File: BM031400.D
Acq: 03 Aug 2021 06:49

Tgt Ion:153 Resp: 749
Ion Ratio Lower Upper
153 100
152 61.1 40.7 61.1
154 90.2 70.2 105.2

Instrument :
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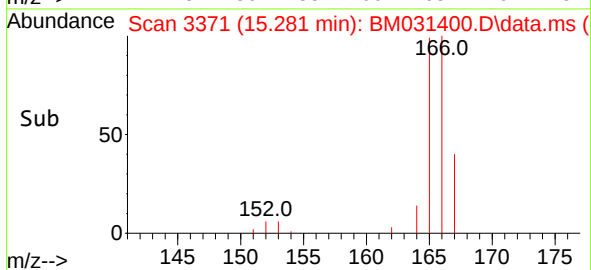
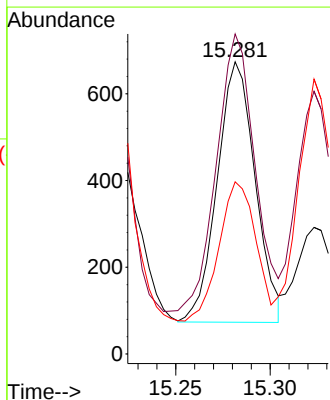
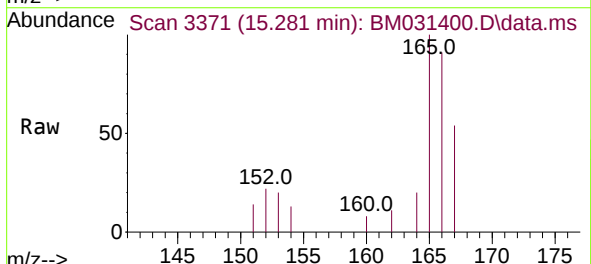
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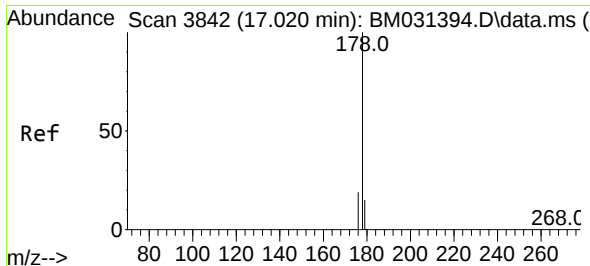
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#12
Fluorene
Concen: 0.06 ng/ul
RT: 15.281 min Scan# 3371
Delta R.T. -0.004 min
Lab File: BM031400.D
Acq: 03 Aug 2021 06:49

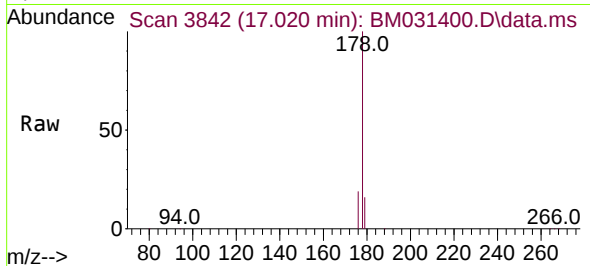
Tgt Ion:166 Resp: 838
Ion Ratio Lower Upper
166 100
165 109.5 78.0 117.0
167 58.9 12.0 18.0#





#15
Phenanthrene
Concen: 1.67 ng/ul
RT: 17.020 min Scan# 3842
Delta R.T. -0.003 min
Lab File: BM031400.D
Acq: 03 Aug 2021 06:49

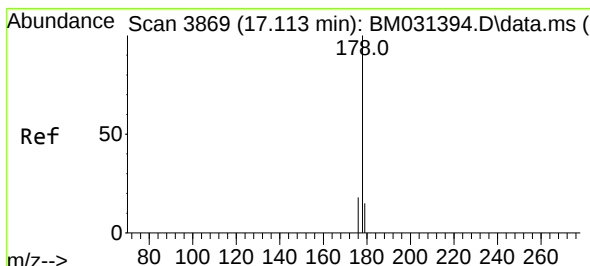
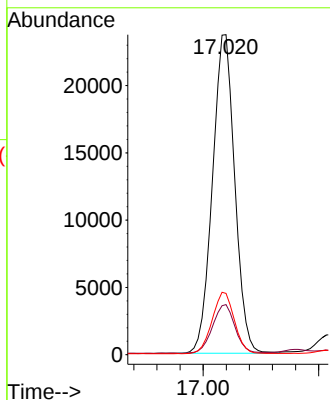
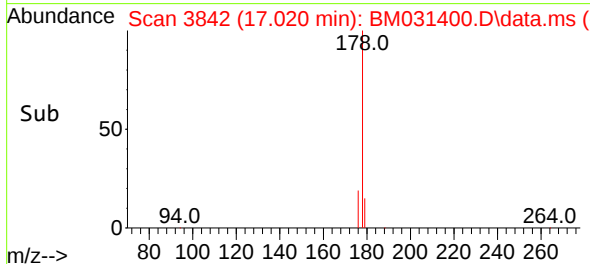
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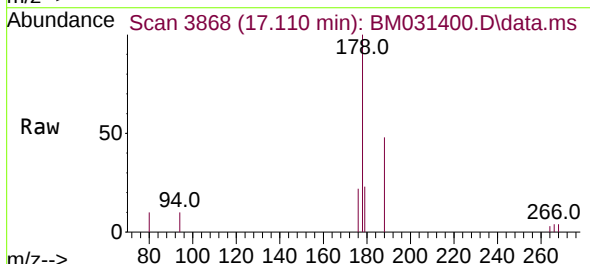
Tgt Ion:178 Resp: 31854
Ion Ratio Lower Upper
178 100
179 15.6 13.3 19.9
176 19.1 16.2 24.4

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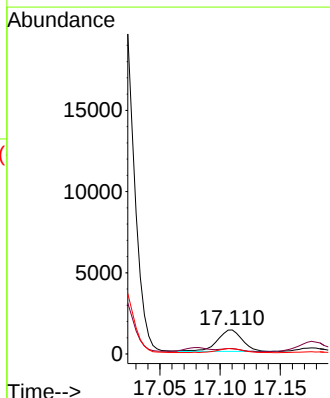
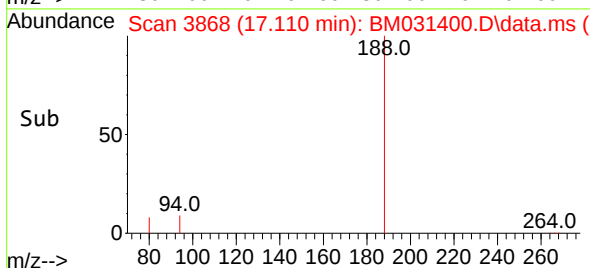
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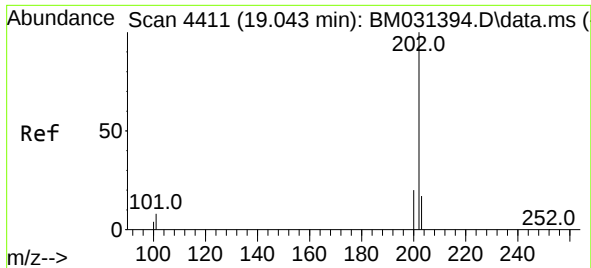


#16
Anthracene
Concen: 0.11 ng/ul
RT: 17.110 min Scan# 3868
Delta R.T. -0.003 min
Lab File: BM031400.D
Acq: 03 Aug 2021 06:49



Tgt Ion:178 Resp: 1912
Ion Ratio Lower Upper
178 100
179 22.9 13.0 19.6#
176 21.6 15.6 23.4





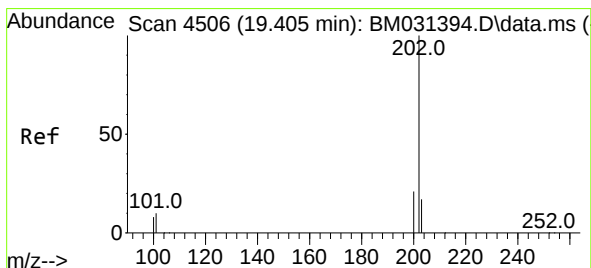
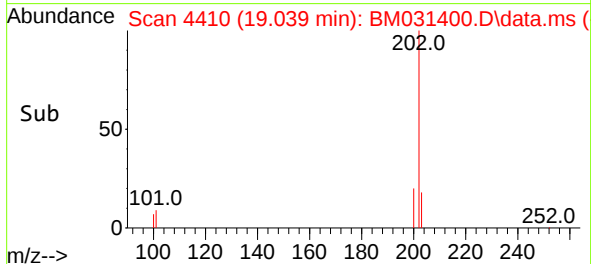
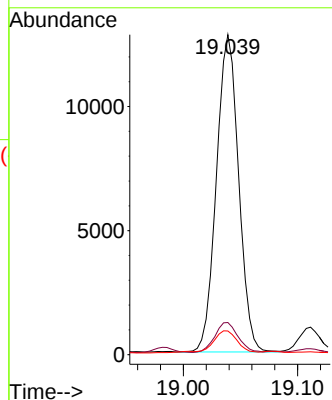
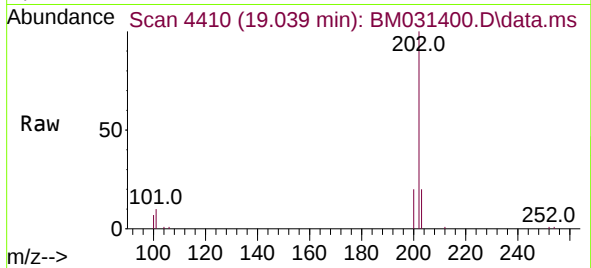
#19
Fluoranthene
Concen: 0.85 ng/ul
RT: 19.039 min Scan# 4410
Delta R.T. -0.004 min
Lab File: BM031400.D
Acq: 03 Aug 2021 06:49

Tgt Ion:202 Resp: 17275
Ion Ratio Lower Upper
202 100
101 10.1 6.6 10.0#
100 7.4 5.4 8.0

Instrument :
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ClientSampled :
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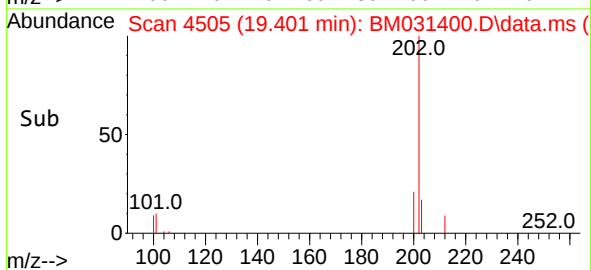
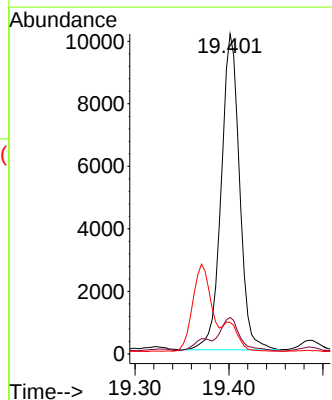
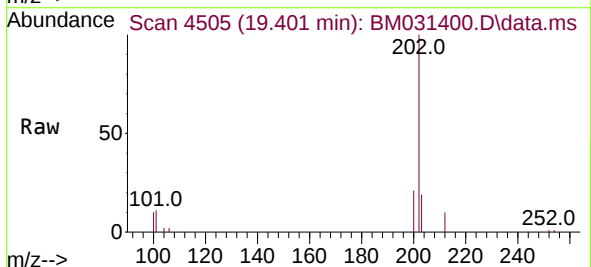
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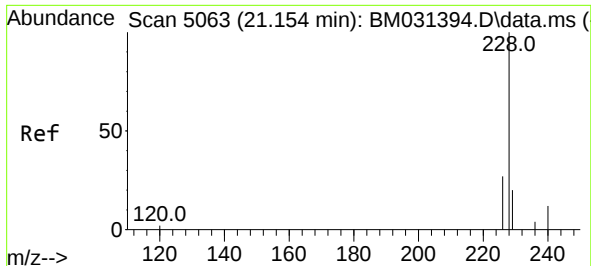
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#20
Pyrene
Concen: 0.66 ng/ul
RT: 19.401 min Scan# 4505
Delta R.T. -0.008 min
Lab File: BM031400.D
Acq: 03 Aug 2021 06:49

Tgt Ion:202 Resp: 13723
Ion Ratio Lower Upper
202 100
101 11.4 7.8 11.6
100 9.9 6.6 10.0





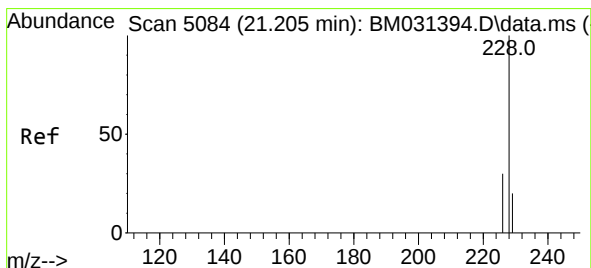
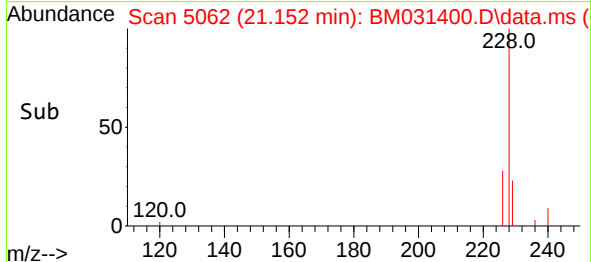
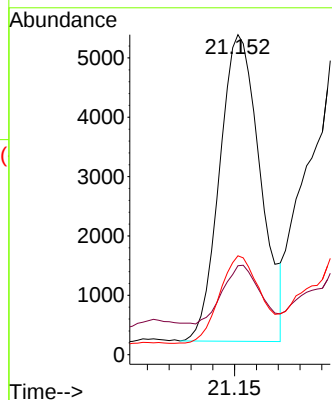
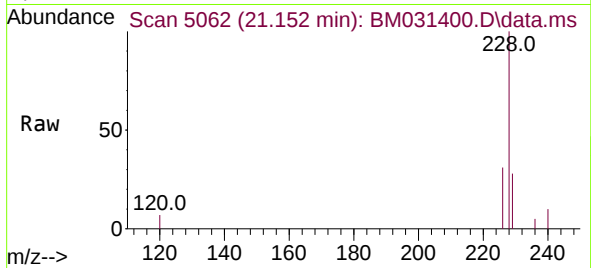
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Benzo(a)anthracene
Concen: 0.35 ng/u1
RT: 21.152 min Scan# 5062
Delta R.T. -0.007 min
Lab File: BM031400.D
Acq: 03 Aug 2021 06:49

Tgt Ion:228 Resp: 6697
Ion Ratio Lower Upper
228 100
229 27.8 15.6 23.4#
226 30.9 21.7 32.5

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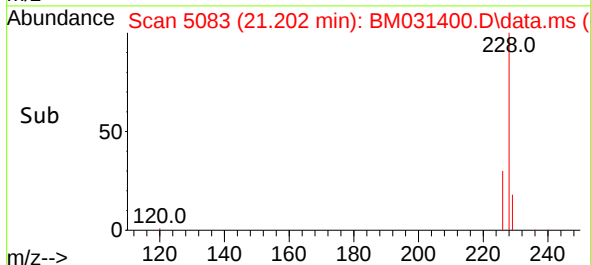
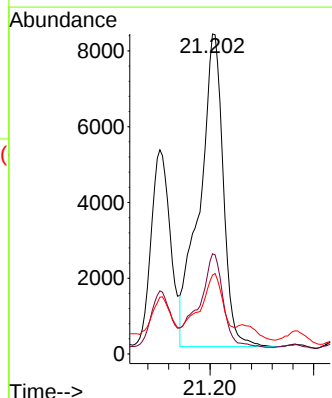
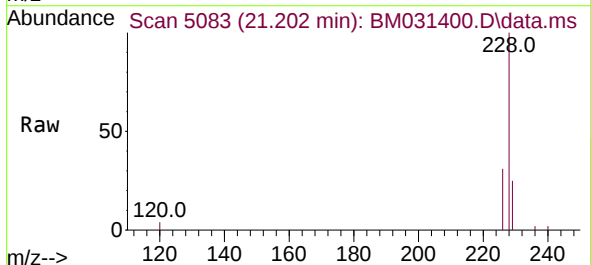
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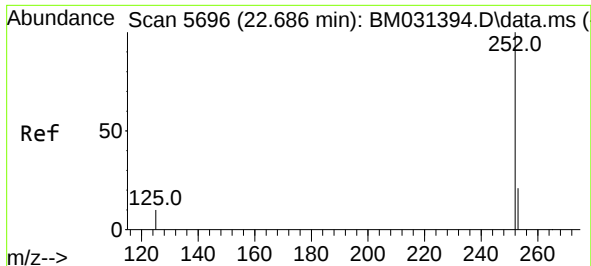
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#22
Chrysene
Concen: 0.66 ng/u1
RT: 21.202 min Scan# 5083
Delta R.T. -0.007 min
Lab File: BM031400.D
Acq: 03 Aug 2021 06:49

Tgt Ion:228 Resp: 13087
Ion Ratio Lower Upper
228 100
226 31.3 24.7 37.1
229 24.6 16.2 24.2#





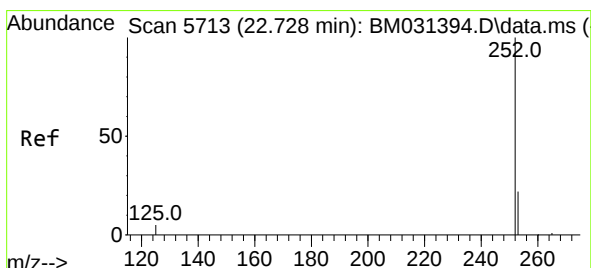
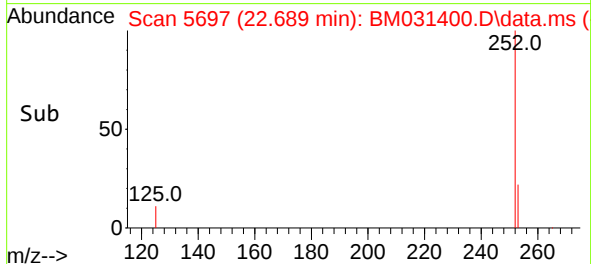
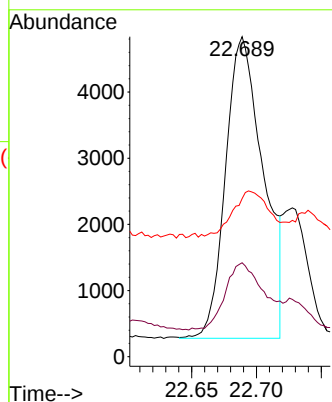
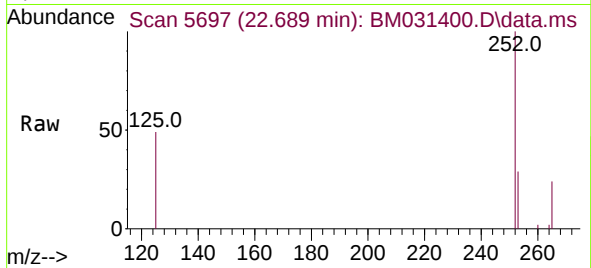
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Benzo(b)fluoranthene
Concen: 0.44 ng/ul m
RT: 22.689 min Scan# 5697
Delta R.T. -0.002 min
Lab File: BM031400.D
Acq: 03 Aug 2021 06:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.4	0.0	53.0
125	49.4	0.0	22.8#

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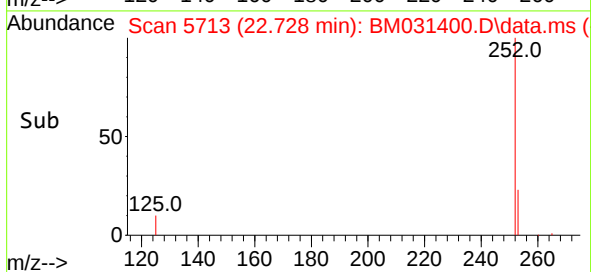
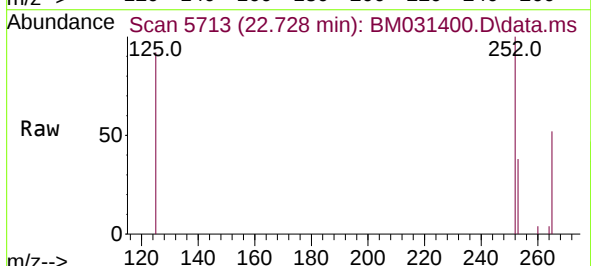
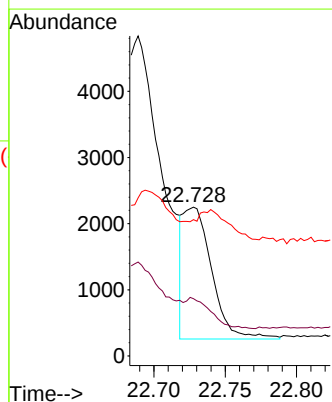
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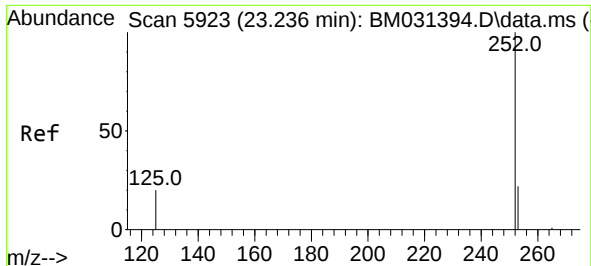
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#25
Benzo(k)fluoranthene
Concen: 0.13 ng/ul m
RT: 22.728 min Scan# 5713
Delta R.T. -0.007 min
Lab File: BM031400.D
Acq: 03 Aug 2021 06:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	38.5	21.3	31.9#
125	91.6	8.8	13.2#





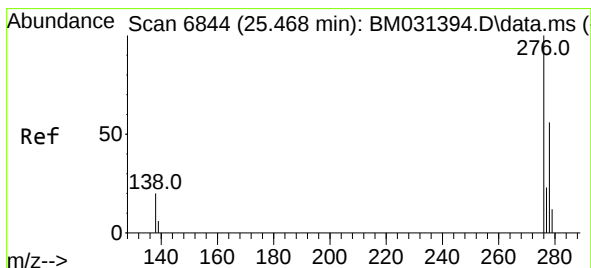
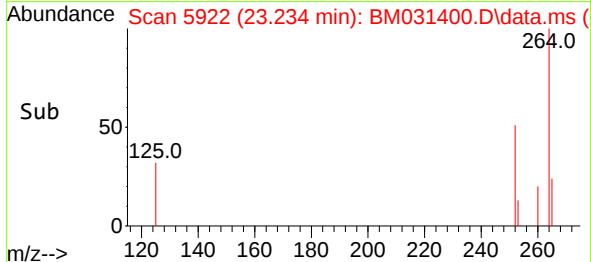
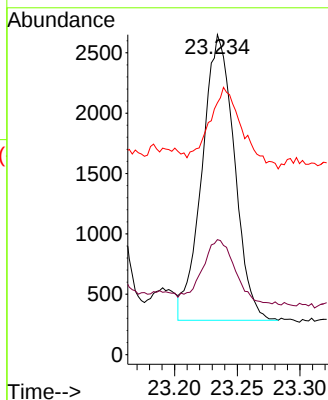
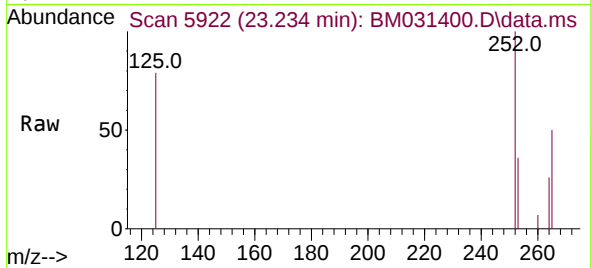
#26
Benzo(a)pyrene
Concen: 0.23 ng/ul
RT: 23.234 min Scan# 5922
Delta R.T. -0.010 min
Lab File: BM031400.D
Acq: 03 Aug 2021 06:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	36.0	22.4	33.6#
125	78.7	13.0	19.4#

Instrument :
BNA_M
ClientSampled :
C0072

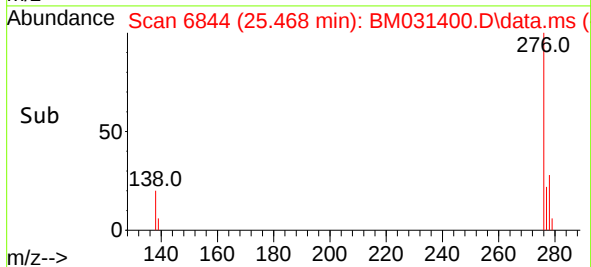
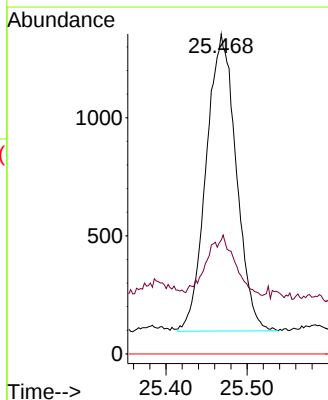
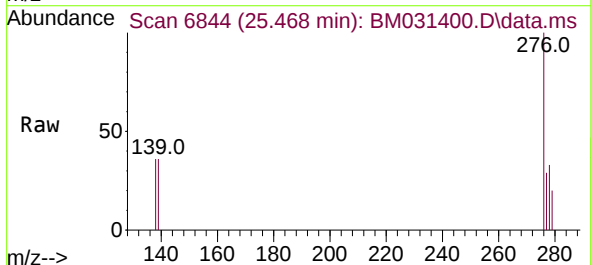
Manual Integrations
APPROVED

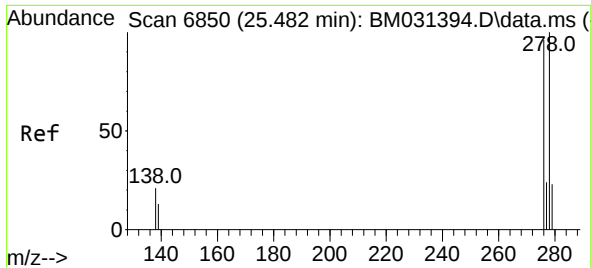
mohammad
8/3/2021 11:51:44 AM



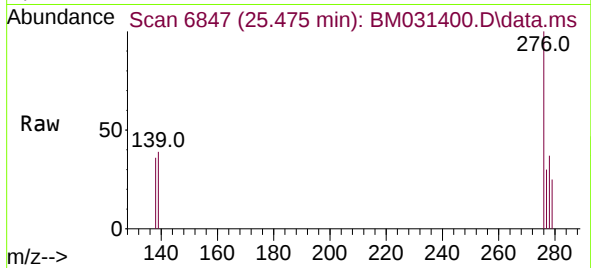
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.14 ng/ul
RT: 25.468 min Scan# 6844
Delta R.T. -0.012 min
Lab File: BM031400.D
Acq: 03 Aug 2021 06:49

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.1	15.8	23.8
227	0.0	0.0	0.0

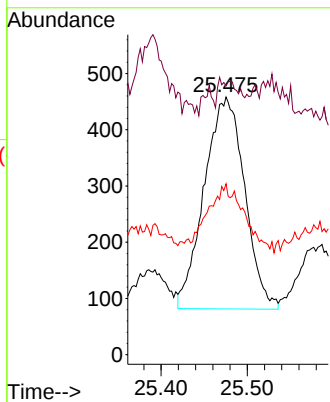
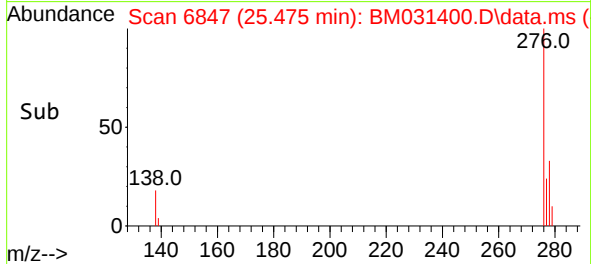




#28
 Dibenzo(a,h)anthracene
 Concen: 0.06 ng/ul
 RT: 25.475 min Scan# 6847
 Delta R.T. -0.017 min
 Lab File: BM031400.D
 Acq: 03 Aug 2021 06:49



Tgt Ion: 278 Resp: 1227
 Ion Ratio Lower Upper
 278 100
 139 104.4 13.3 19.9#
 279 66.4 22.8 34.2#



Instrument :
 BNA_M
 ClientSampleId :
 C0072

Manual Integrations
 APPROVED

mohammad
 8/3/2021 11:51:44 AM