

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
 Data File : BM031402.D
 Acq On : 03 Aug 2021 08:02
 Operator : CG/JU
 Sample : M3123-21
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0082

Manual Integrations
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 8/3/2021 11:51:50 AM

Quant Time: Aug 03 08:34:01 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	7.601	152	1522	0.40	ng/ul	0.00
4) Naphthalene-d8	10.361	136	5898	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.227	164	3523	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.978	188	6681	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.168	240	5092	0.40	ng/ul	0.00
23) Perylene-d12	23.329	264	4813	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.192	96	1880	1.11	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.953	152	829	0.08	ng/ul	0.00
18) Fluoranthene-d10	19.008	212	1691	0.10	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.406	128	1102	0.06	ng/ul#	83
7) 2-Methylnaphthalene	12.029	142	2318	0.19	ng/ul	100
8) 1-Methylnaphthalene	12.250	142	2043	0.17	ng/ul	97
10) Acenaphthylene	13.950	152	308	0.02	ng/ul#	44
11) Acenaphthene	14.292	153	530	0.04	ng/ul#	90
12) Fluorene	15.281	166	654	0.05	ng/ul#	55
15) Phenanthrene	17.020	178	14503	0.68	ng/ul	99
16) Anthracene	17.110	178	610	0.03	ng/ul#	77
19) Fluoranthene	19.039	202	15053	0.69	ng/ul#	96
20) Pyrene	19.401	202	14825	0.67	ng/ul#	95
21) Benzo(a)anthracene	21.151	228	5926	0.29	ng/ul#	87
22) Chrysene	21.202	228	13640	0.64	ng/ul#	96
24) Benzo(b)fluoranthene	22.687	252	9062m	0.42	ng/ul	
25) Benzo(k)fluoranthene	22.728	252	3006m	0.13	ng/ul	
26) Benzo(a)pyrene	23.234	252	3832	0.20	ng/ul#	72
27) Indeno(1,2,3-cd)pyrene	25.468	276	3285	0.13	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.478	278	1160	0.06	ng/ul#	42

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

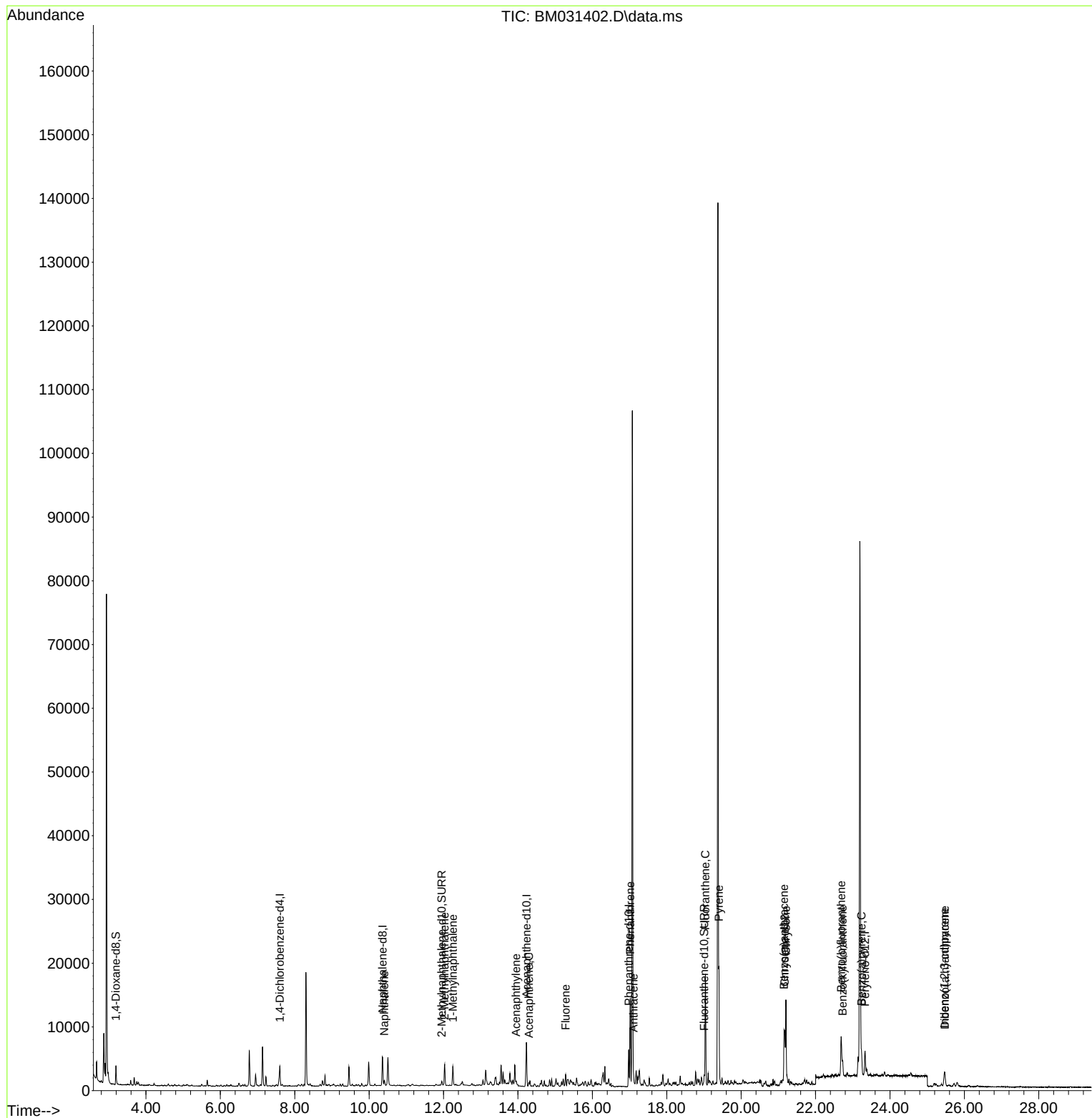
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Data File : BM031402.D
Acq On : 03 Aug 2021 08:02
Operator : CG/JU
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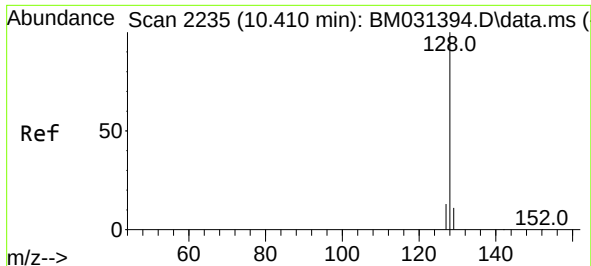
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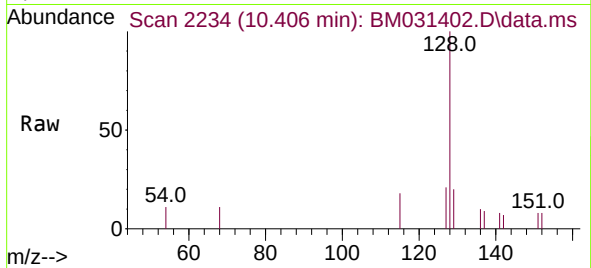
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Quant Time: Aug 03 08:34:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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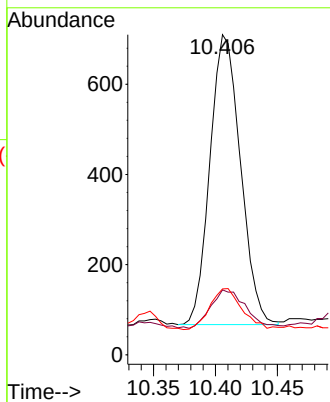
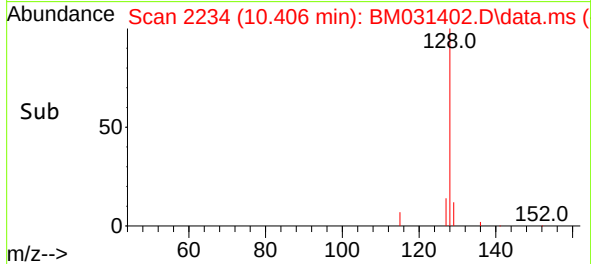




#5
Naphthalene
Concen: 0.06 ng/ul
RT: 10.406 min Scan# 2234
Delta R.T. -0.004 min
Lab File: BM031402.D
Acq: 03 Aug 2021 08:02



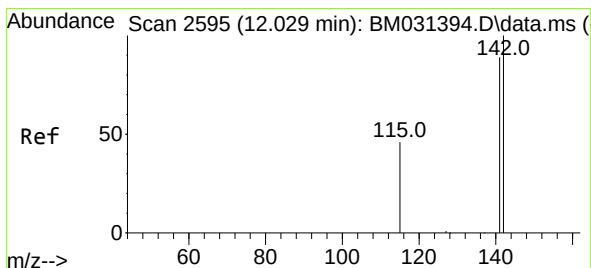
Tgt Ion:128 Resp: 1102
Ion Ratio Lower Upper
128 100
129 20.3 10.0 15.0#
127 20.6 11.6 17.4#



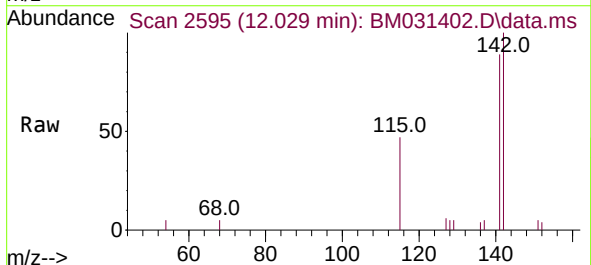
Instrument :
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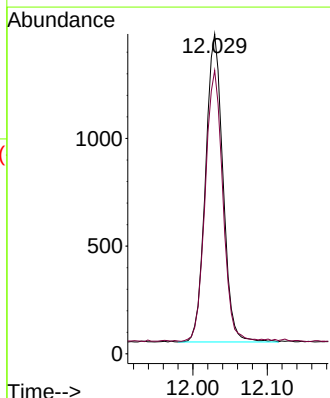
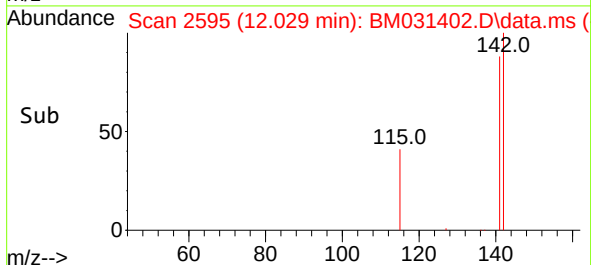
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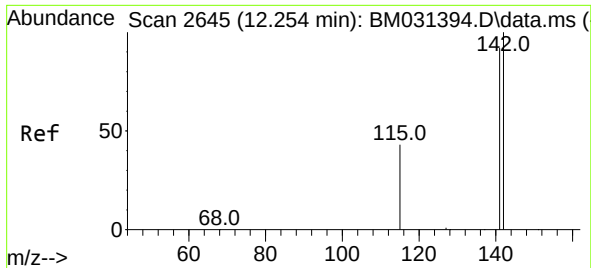


#7
2-Methylnaphthalene
Concen: 0.19 ng/ul
RT: 12.029 min Scan# 2595
Delta R.T. -0.004 min
Lab File: BM031402.D
Acq: 03 Aug 2021 08:02



Tgt Ion:142 Resp: 2318
Ion Ratio Lower Upper
142 100
141 89.5 71.4 107.0





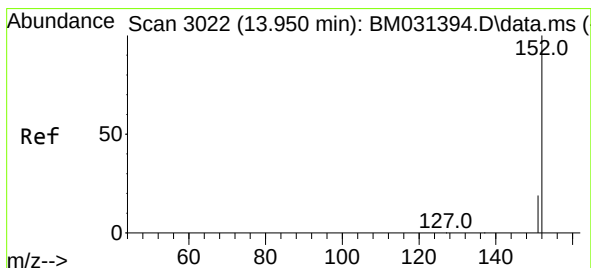
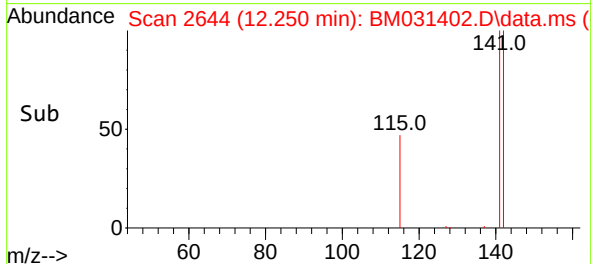
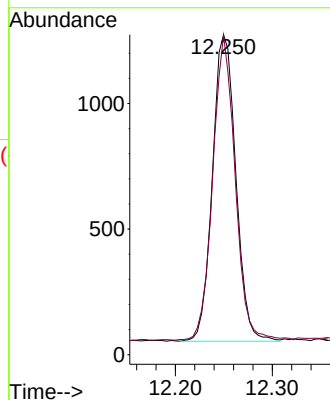
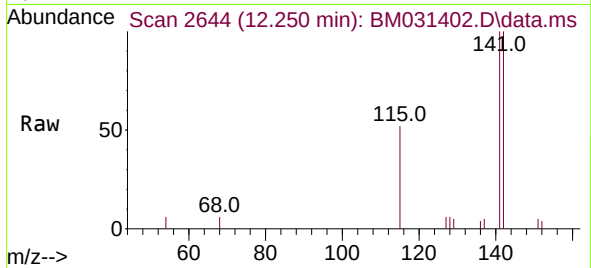
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1-Methylnaphthalene
Concen: 0.17 ng/ul
RT: 12.250 min Scan# 2644
Delta R.T. -0.004 min
Lab File: BM031402.D
Acq: 03 Aug 2021 08:02

Tgt Ion:142 Resp: 2043
Ion Ratio Lower Upper
142 100
141 95.0 74.1 111.1

Instrument :
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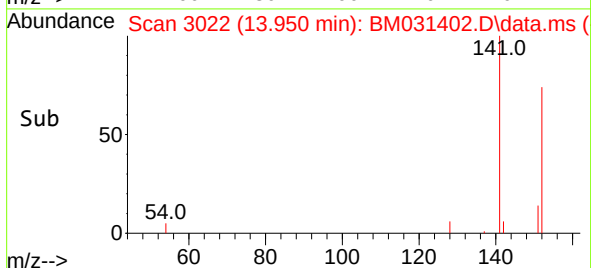
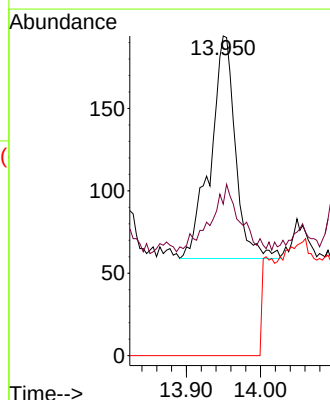
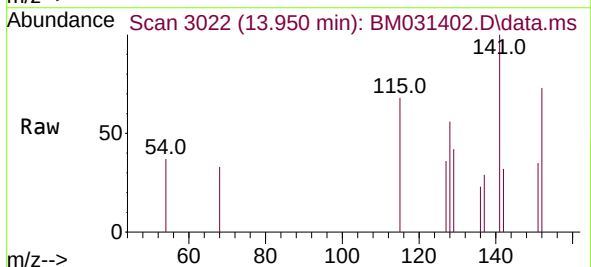
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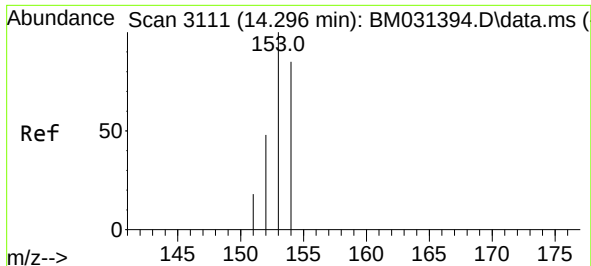
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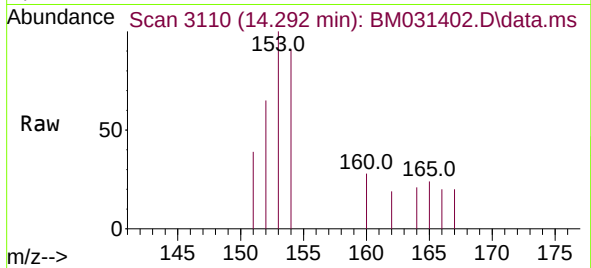
#10
Acenaphthylene
Concen: 0.02 ng/ul
RT: 13.950 min Scan# 3022
Delta R.T. -0.004 min
Lab File: BM031402.D
Acq: 03 Aug 2021 08:02

Tgt Ion:152 Resp: 308
Ion Ratio Lower Upper
152 100
151 47.4 16.9 25.3#
153 0.0 0.0 0.0

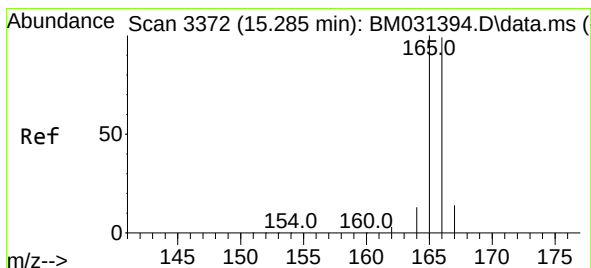
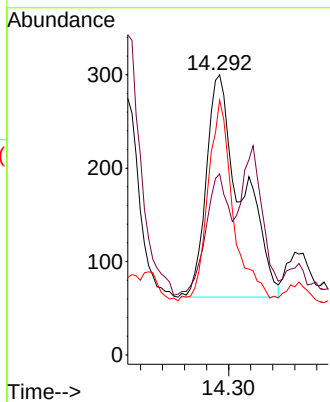
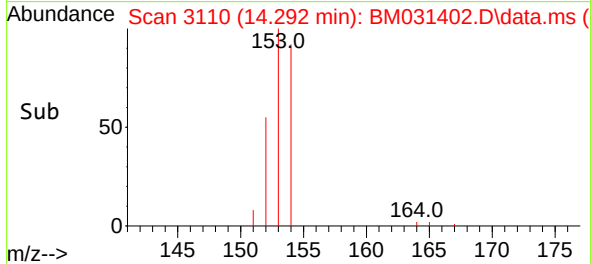




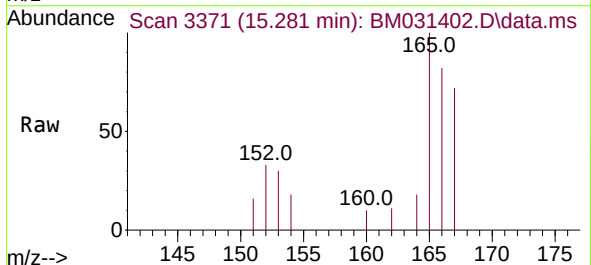
#11
Acenaphthene
Concen: 0.04 ng/ul
RT: 14.292 min Scan# 3110
Delta R.T. -0.004 min
Lab File: BM031402.D
Acq: 03 Aug 2021 08:02



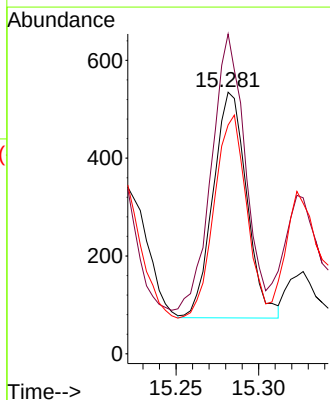
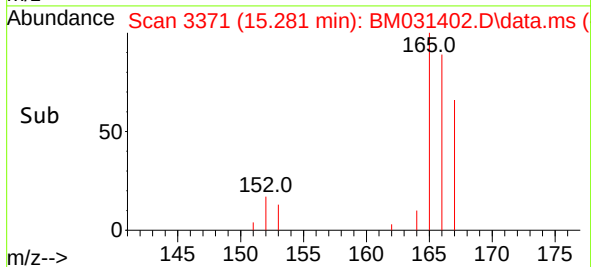
Tgt Ion:153 Resp: 530
Ion Ratio Lower Upper
153 100
152 64.7 40.7 61.1#
154 91.0 70.2 105.2



#12
Fluorene
Concen: 0.05 ng/ul
RT: 15.281 min Scan# 3371
Delta R.T. -0.004 min
Lab File: BM031402.D
Acq: 03 Aug 2021 08:02



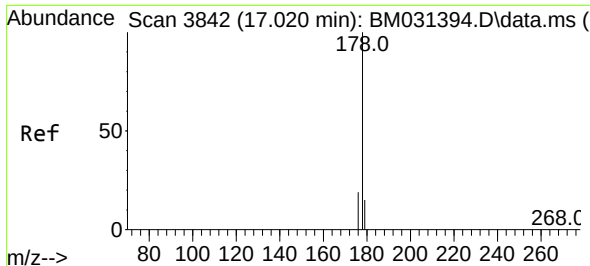
Tgt Ion:166 Resp: 654
Ion Ratio Lower Upper
166 100
165 122.2 78.0 117.0#
167 87.5 12.0 18.0#



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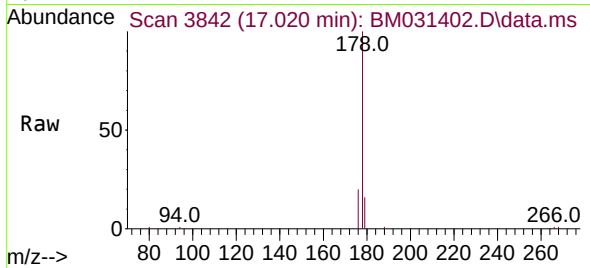
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#15
Phenanthrene
Concen: 0.68 ng/ul
RT: 17.020 min Scan# 3842
Delta R.T. -0.003 min
Lab File: BM031402.D
Acq: 03 Aug 2021 08:02

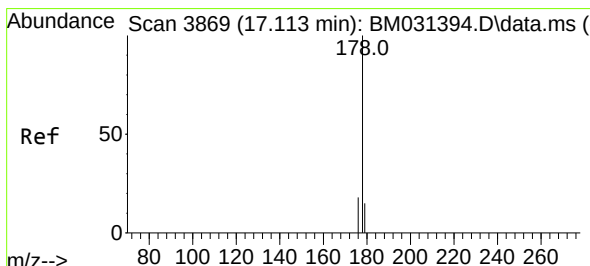
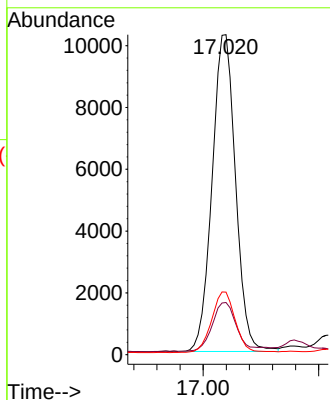
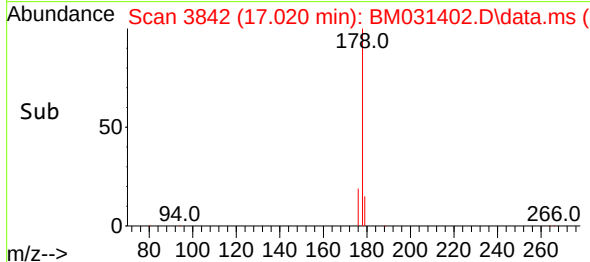
Instrument :
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ClientSampled :
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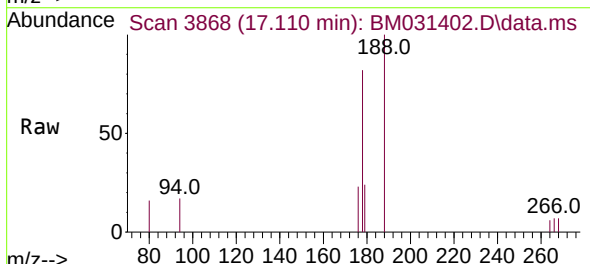
Tgt Ion:178 Resp: 14503
Ion Ratio Lower Upper
178 100
179 16.3 13.3 19.9
176 19.6 16.2 24.4

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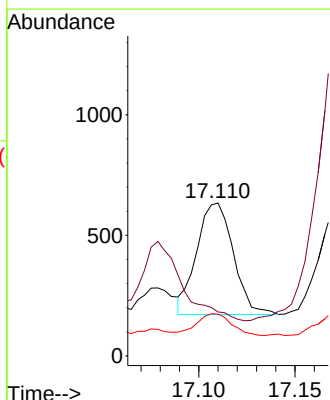
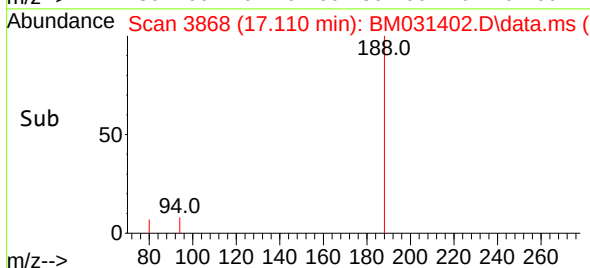
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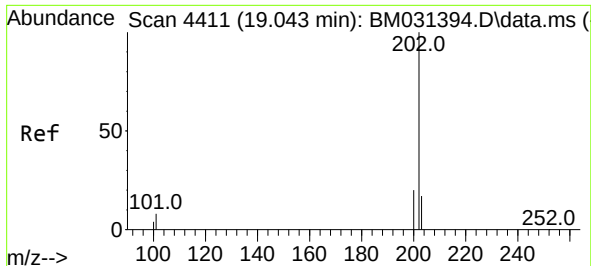


#16
Anthracene
Concen: 0.03 ng/ul
RT: 17.110 min Scan# 3868
Delta R.T. -0.003 min
Lab File: BM031402.D
Acq: 03 Aug 2021 08:02



Tgt Ion:178 Resp: 610
Ion Ratio Lower Upper
178 100
179 28.7 13.0 19.6#
176 27.4 15.6 23.4#





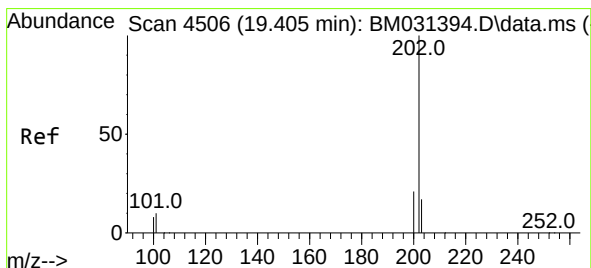
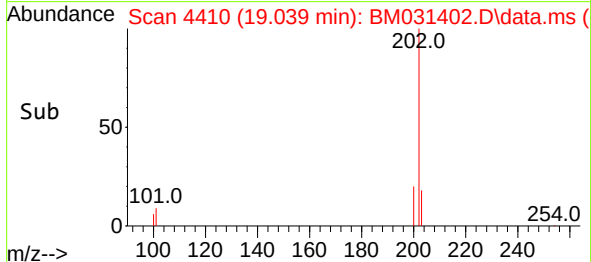
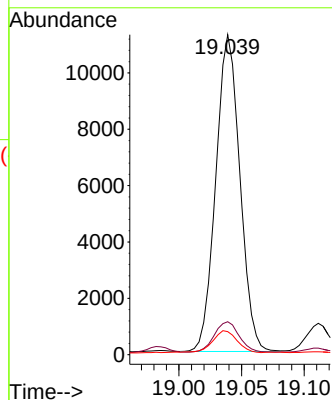
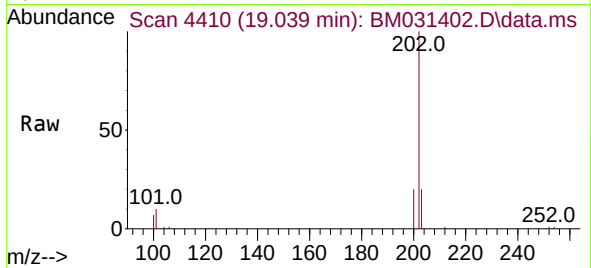
#19
Fluoranthene
Concen: 0.69 ng/ul
RT: 19.039 min Scan# 4410
Delta R.T. -0.004 min
Lab File: BM031402.D
Acq: 03 Aug 2021 08:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.3	6.6	10.0#
100	7.2	5.4	8.0

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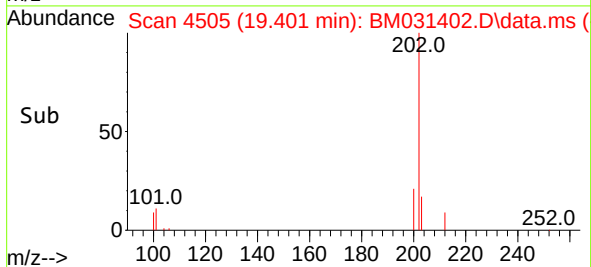
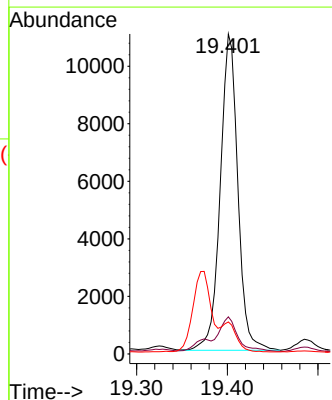
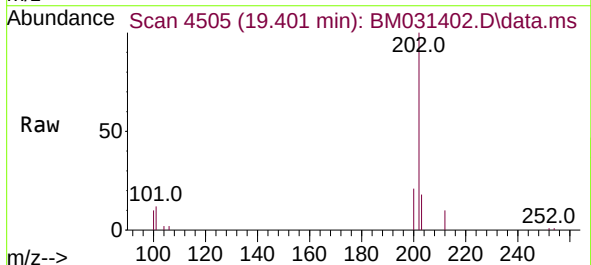
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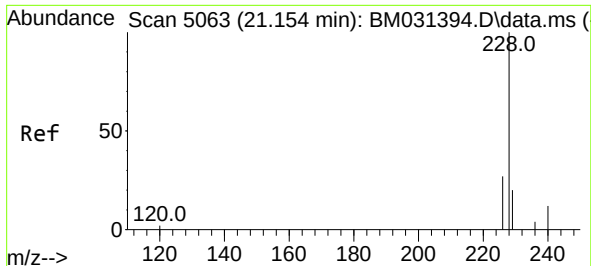
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#20
Pyrene
Concen: 0.67 ng/ul
RT: 19.401 min Scan# 4505
Delta R.T. -0.008 min
Lab File: BM031402.D
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.6	7.8	11.6
100	10.0	6.6	10.0#





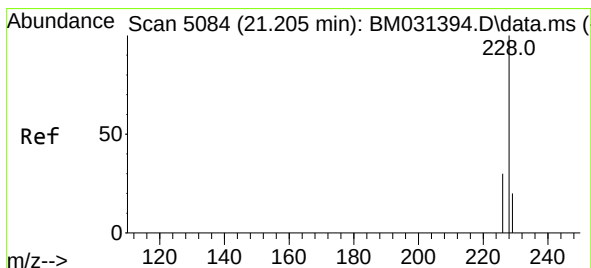
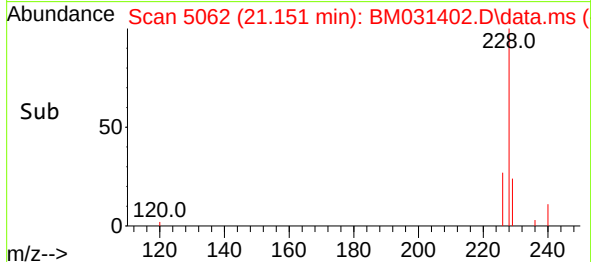
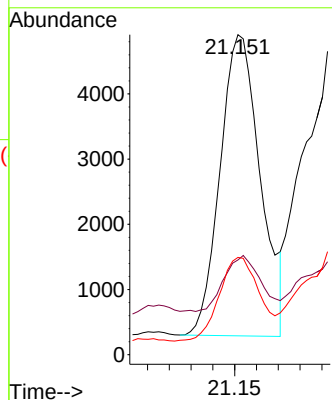
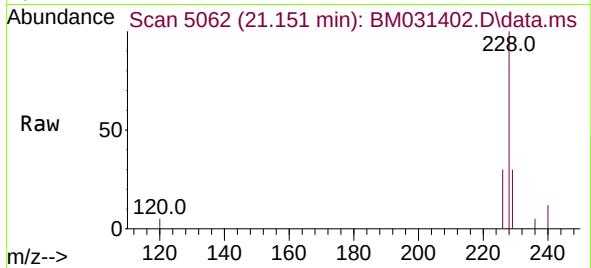
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Benzo(a)anthracene
Concen: 0.29 ng/u1
RT: 21.151 min Scan# 5062
Delta R.T. -0.007 min
Lab File: BM031402.D
Acq: 03 Aug 2021 08:02

Tgt Ion:228 Resp: 5926
Ion Ratio Lower Upper
228 100
229 29.6 15.6 23.4#
226 30.4 21.7 32.5

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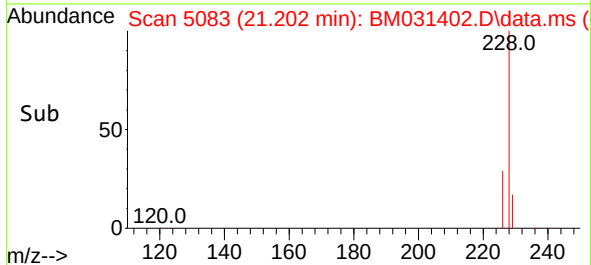
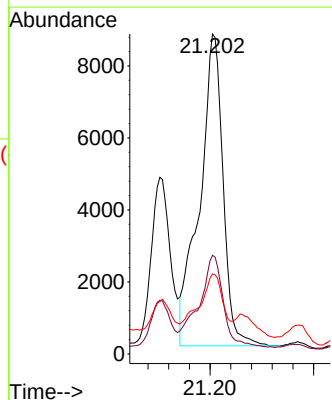
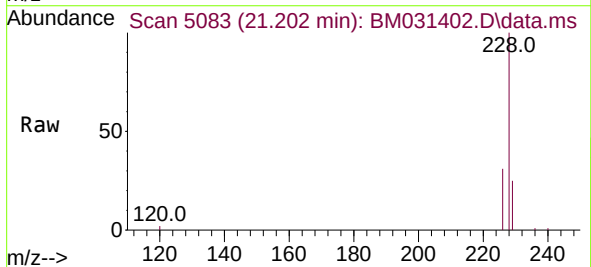
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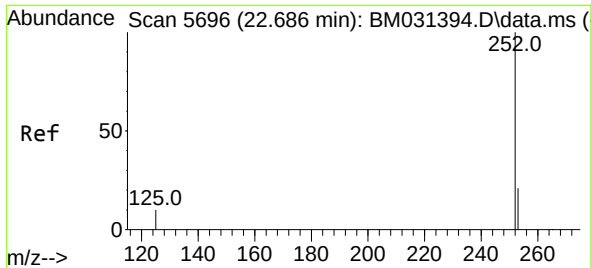
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#22
Chrysene
Concen: 0.64 ng/u1
RT: 21.202 min Scan# 5083
Delta R.T. -0.007 min
Lab File: BM031402.D
Acq: 03 Aug 2021 08:02

Tgt Ion:228 Resp: 13640
Ion Ratio Lower Upper
228 100
226 30.9 24.7 37.1
229 25.0 16.2 24.2#





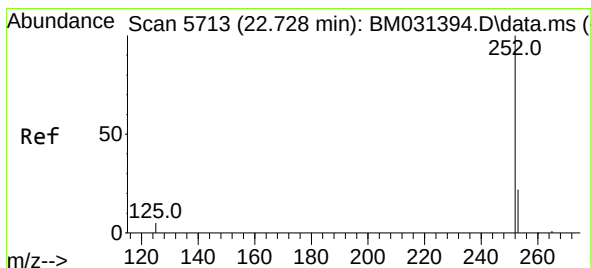
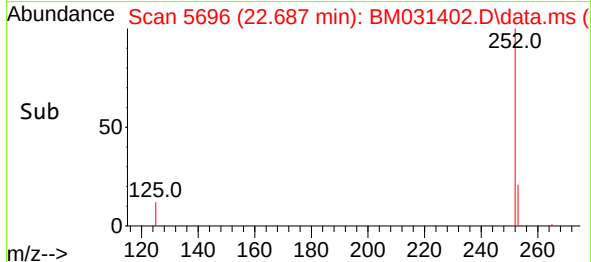
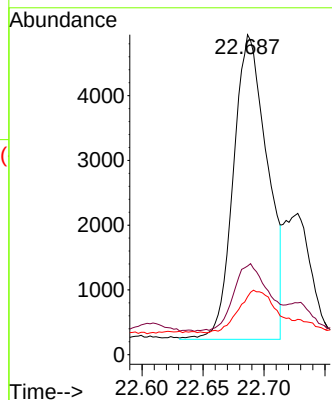
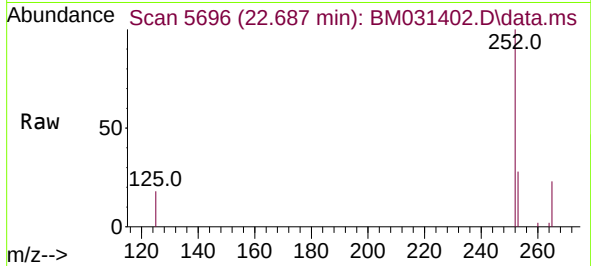
#24
Benzo(b)fluoranthene
Concen: 0.42 ng/ul m
RT: 22.687 min Scan# 5696
Delta R.T. -0.005 min
Lab File: BM031402.D
Acq: 03 Aug 2021 08:02

Tgt Ion:	252	Resp:	9062
Ion Ratio	Lower	Upper	
252	100		
253	27.7	0.0	53.0
125	18.1	0.0	22.8

Instrument :
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ClientSampled :
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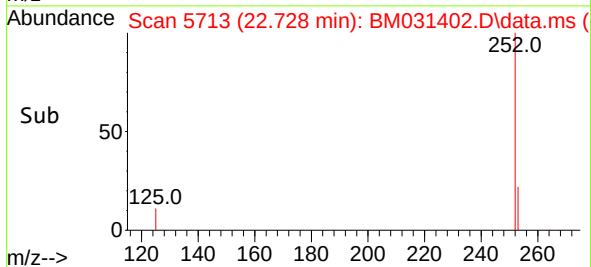
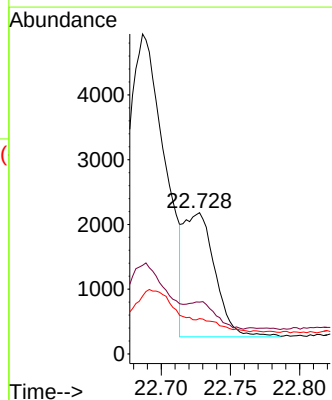
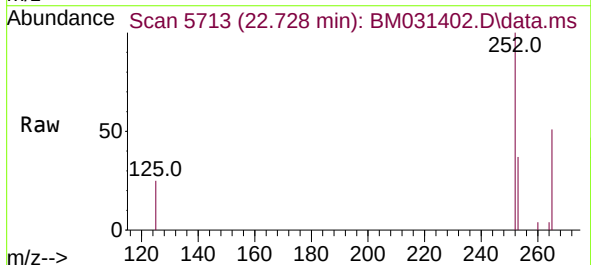
Manual Integrations
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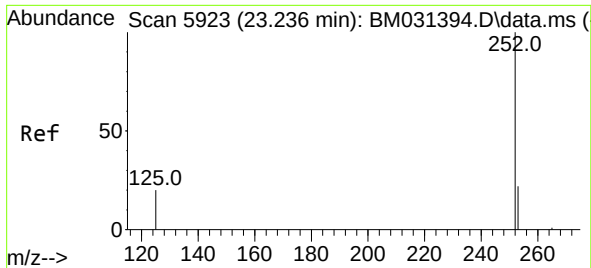
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#25
Benzo(k)fluoranthene
Concen: 0.13 ng/ul m
RT: 22.728 min Scan# 5713
Delta R.T. -0.007 min
Lab File: BM031402.D
Acq: 03 Aug 2021 08:02

Tgt Ion:	252	Resp:	3006
Ion Ratio	Lower	Upper	
252	100		
253	36.7	21.3	31.9#
125	25.1	8.8	13.2#





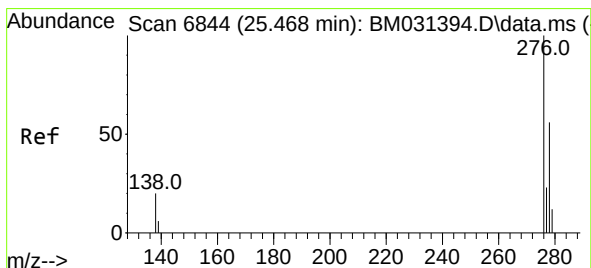
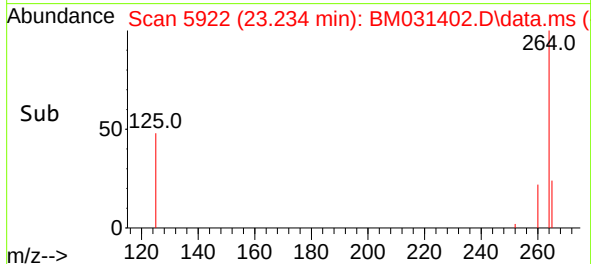
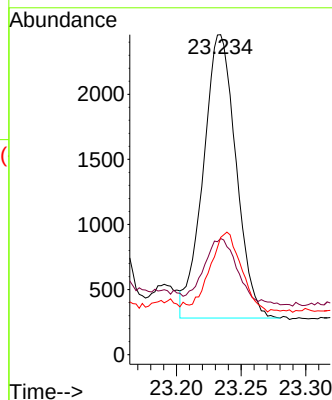
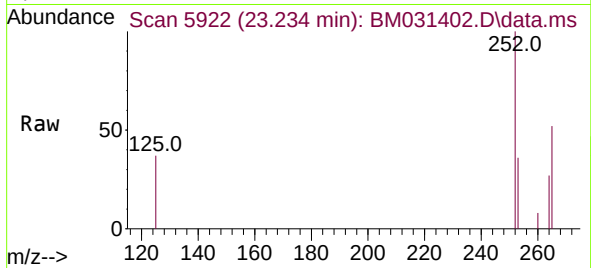
#26
Benzo(a)pyrene
Concen: 0.20 ng/ul
RT: 23.234 min Scan# 5922
Delta R.T. -0.010 min
Lab File: BM031402.D
Acq: 03 Aug 2021 08:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	36.3	22.4	33.6#
125	36.7	13.0	19.4#

Instrument :
BNA_M
ClientSampled :
C0082

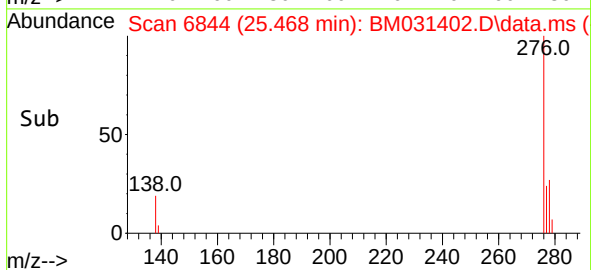
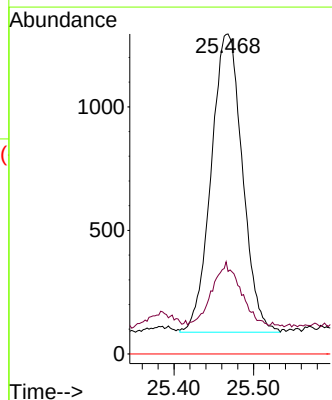
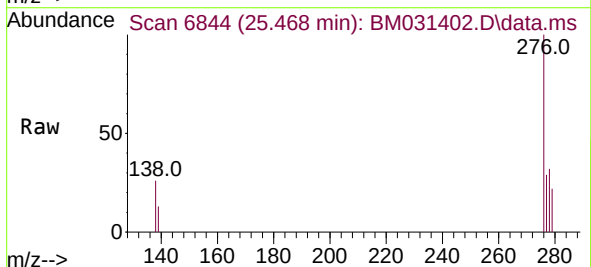
Manual Integrations
APPROVED

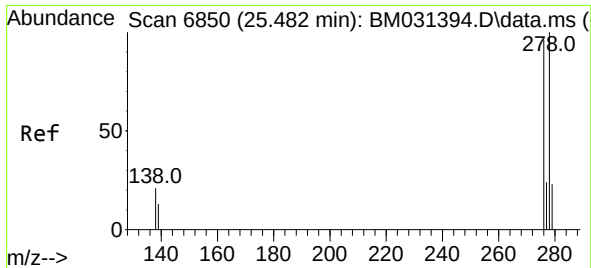
mohammad
8/3/2021 11:51:50 AM



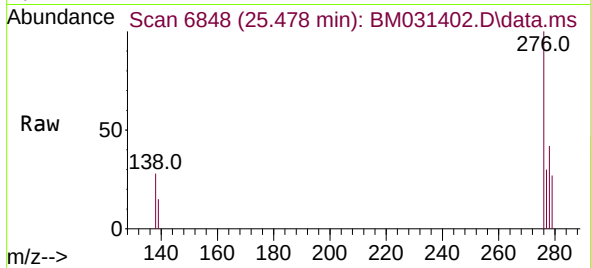
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.13 ng/ul
RT: 25.468 min Scan# 6844
Delta R.T. -0.012 min
Lab File: BM031402.D
Acq: 03 Aug 2021 08:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.6	15.8	23.8
227	0.0	0.0	0.0

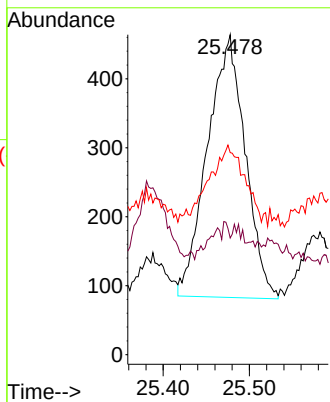
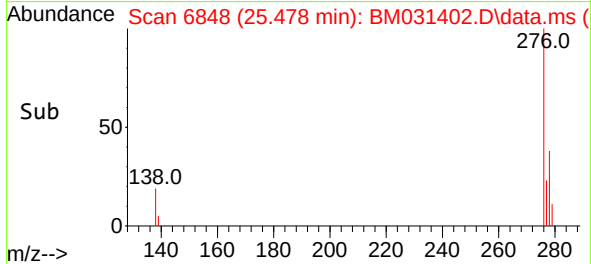




#28
 Dibenzo(a,h)anthracene
 Concen: 0.06 ng/ul
 RT: 25.478 min Scan# 6848
 Delta R.T. -0.014 min
 Lab File: BM031402.D
 Acq: 03 Aug 2021 08:02



Tgt Ion: 278 Resp: 1160
 Ion Ratio Lower Upper
 278 100
 139 36.4 13.3 19.9#
 279 63.1 22.8 34.2#



Instrument :
 BNA_M
 ClientSampleId :
 C0082

Manual Integrations
 APPROVED

mohammad
 8/3/2021 11:51:50 AM