

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072321\
 Data File : BM031093.D
 Acq On : 23 Jul 2021 16:51
 Operator : CG/JU
 Sample : M2970-18
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGED1

Manual Integrations
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Quant Time: Jul 23 17:44:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 23 17:42:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	2243	0.40	ng/ul	0.00
4) Naphthalene-d8	10.406	136	9178	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.265	164	6466	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.013	188	13279	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.202	240	10604	0.40	ng/ul	# 0.00
23) Perylene-d12	23.377	264	8416	0.40	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.220	96	7070	3.00	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.998	152	3835	0.24	ng/ul	0.00
18) Fluoranthene-d10	19.043	212	11150	0.34	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.455	128	80482	2.94	ng/ul	96
7) 2-Methylnaphthalene	12.070	142	40541	2.05	ng/ul	100
8) 1-Methylnaphthalene	12.295	142	46108	2.39	ng/ul	100
10) Acenaphthylene	13.986	152	82609	3.12	ng/ul	96
11) Acenaphthene	14.330	153	164623	7.04	ng/ul	98
12) Fluorene	15.320	166	146631	5.33	ng/ul	98
15) Phenanthrene	17.055	178	1275025	30.23	ng/ul	99
16) Anthracene	17.145	178	400025	10.13	ng/ul	97
19) Fluoranthene	19.077	202	2839891	66.53	ng/ul#	94
20) Pyrene	19.439	202	1734850	39.81	ng/ul	96
21) Benzo(a)anthracene	21.188	228	1243868	29.37	ng/ul	94
22) Chrysene	21.241	228	896748	19.56	ng/ul	97
24) Benzo(b)fluoranthene	22.735	252	908973m	22.97	ng/ul	
25) Benzo(k)fluoranthene	22.774	252	391494m	9.75	ng/ul	
26) Benzo(a)pyrene	23.285	252	378956	11.08	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.536	276	247909	5.53	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.543	278	96591	2.69	ng/ul	98
29) Benzo(g,h,i)perylene	26.192	276	12303	0.32	ng/ul#	74

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

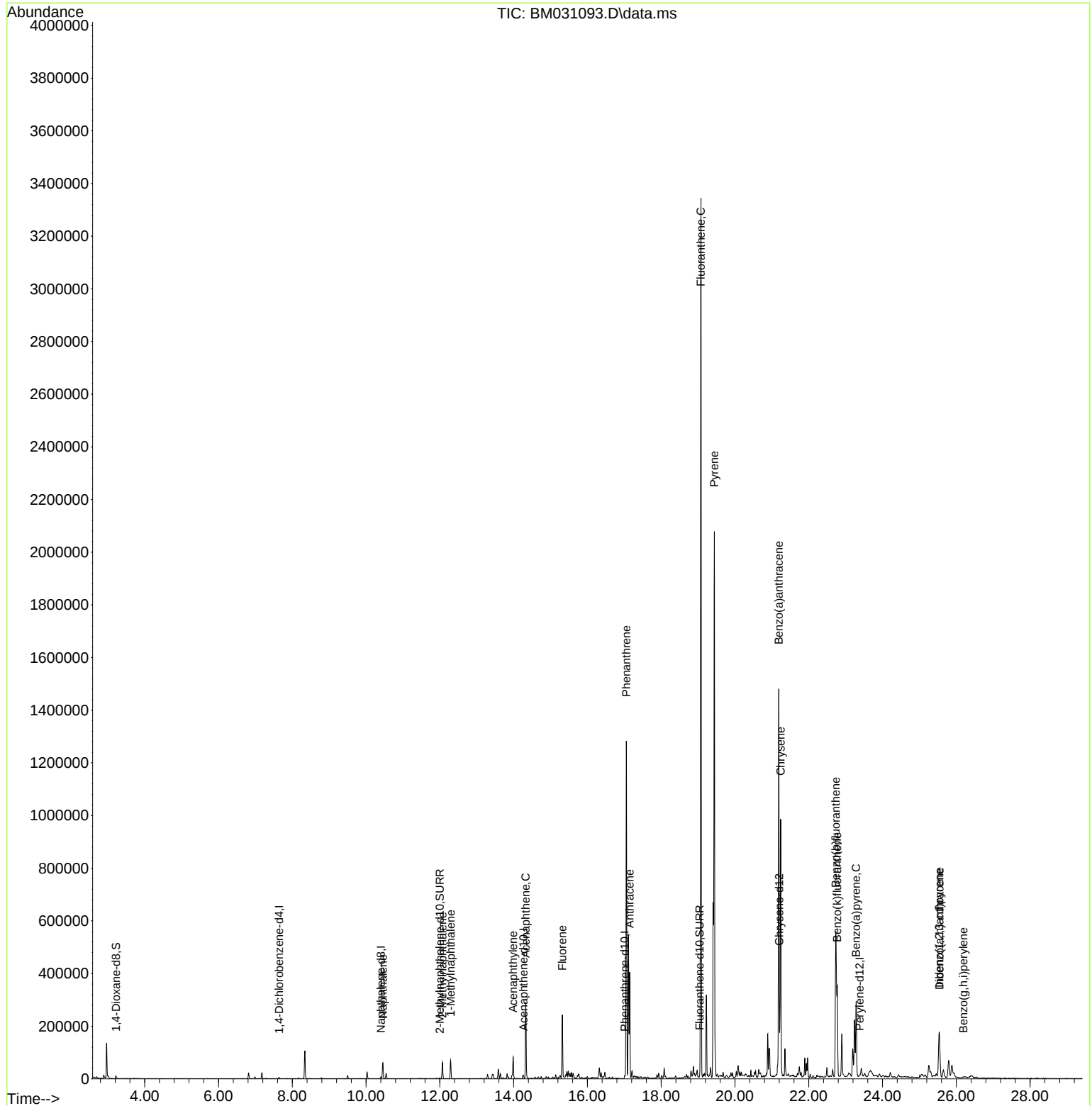
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072321\
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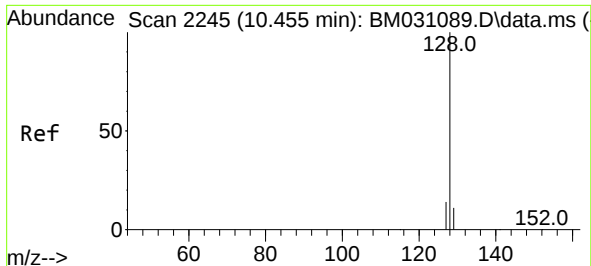
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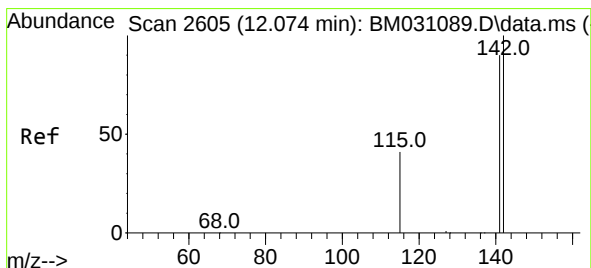
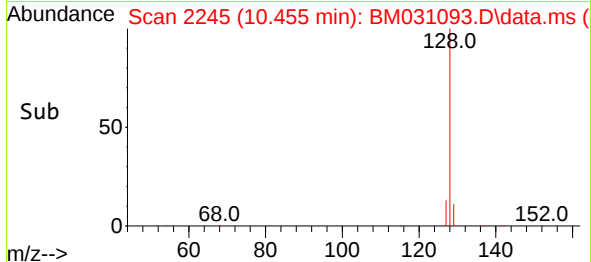
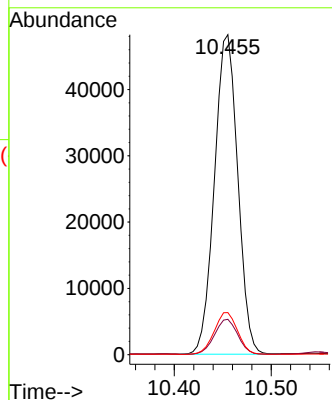
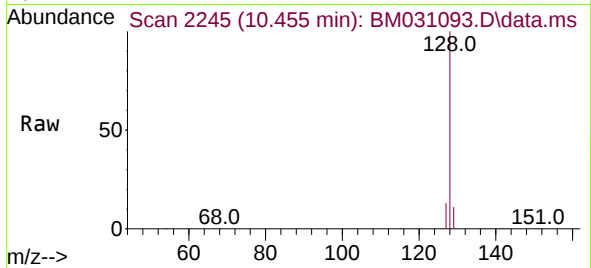
#5
Naphthalene
Concen: 2.94 ng/ul
RT: 10.455 min Scan# 2245
Delta R.T. 0.000 min
Lab File: BM031093.D
Acq: 23 Jul 2021 16:51

Tgt Ion:128 Resp: 80482
Ion Ratio Lower Upper
128 100
129 11.1 10.2 15.4
127 13.2 11.8 17.8

Instrument :
BNA_M
ClientSampled :
BGED1

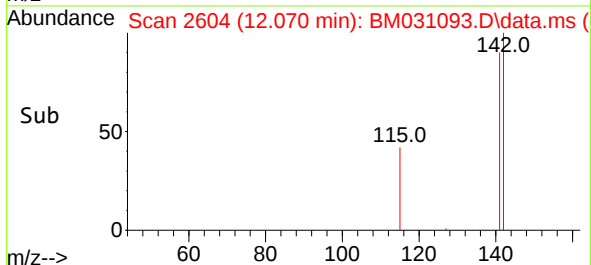
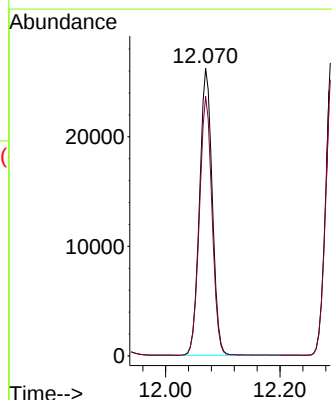
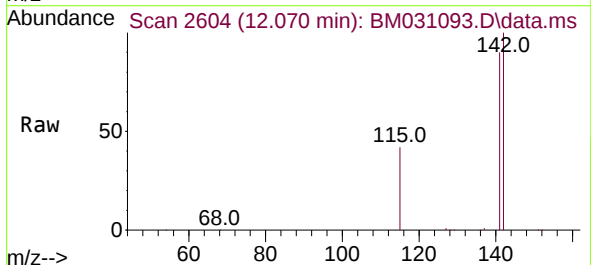
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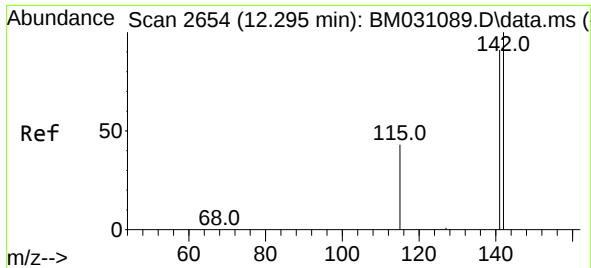
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#7
2-Methylnaphthalene
Concen: 2.05 ng/ul
RT: 12.070 min Scan# 2604
Delta R.T. -0.004 min
Lab File: BM031093.D
Acq: 23 Jul 2021 16:51

Tgt Ion:142 Resp: 40541
Ion Ratio Lower Upper
142 100
141 89.6 71.5 107.3





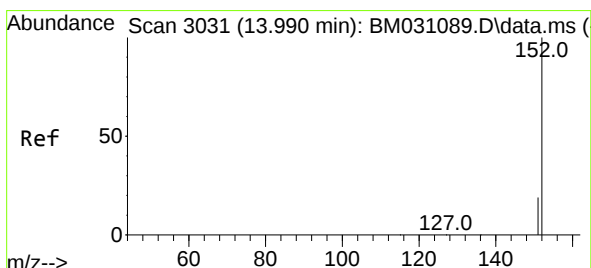
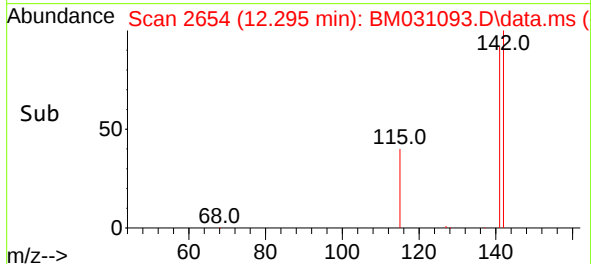
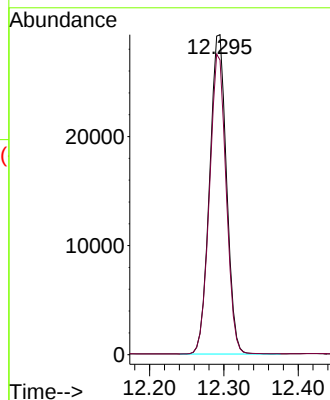
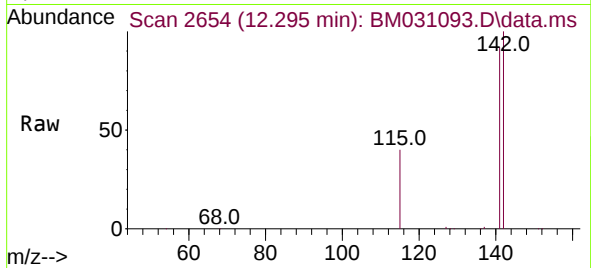
#8
1-Methylnaphthalene
Concen: 2.39 ng/ul
RT: 12.295 min Scan# 2654
Delta R.T. 0.000 min
Lab File: BM031093.D
Acq: 23 Jul 2021 16:51

Tgt Ion:142 Resp: 46108
Ion Ratio Lower Upper
142 100
141 92.7 74.2 111.4

Instrument :
BNA_M
ClientSampled :
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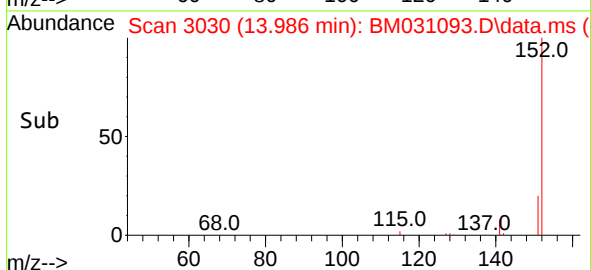
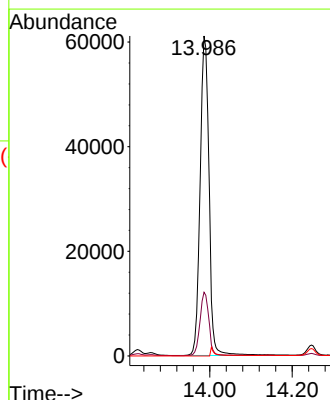
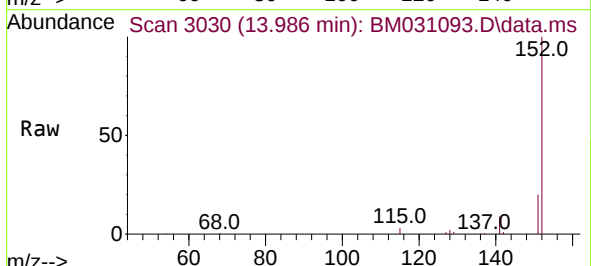
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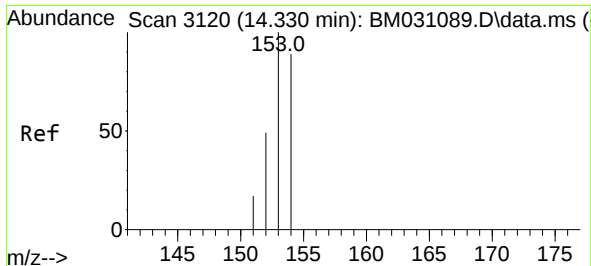
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#10
Acenaphthylene
Concen: 3.12 ng/ul
RT: 13.986 min Scan# 3030
Delta R.T. -0.004 min
Lab File: BM031093.D
Acq: 23 Jul 2021 16:51

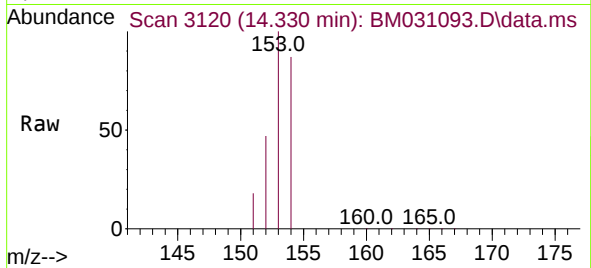
Tgt Ion:152 Resp: 82609
Ion Ratio Lower Upper
152 100
151 19.9 17.5 26.3
153 0.0 0.0 0.0



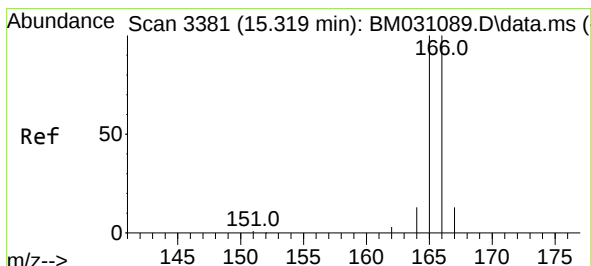
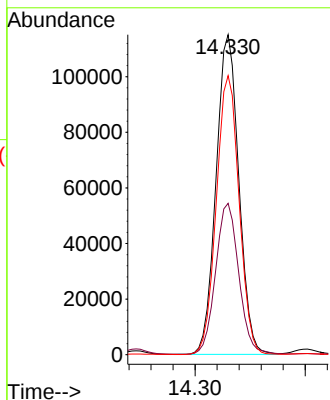
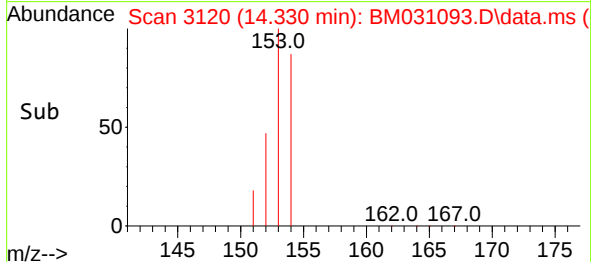


#11
Acenaphthene
Concen: 7.04 ng/ul
RT: 14.330 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BM031093.D
Acq: 23 Jul 2021 16:51

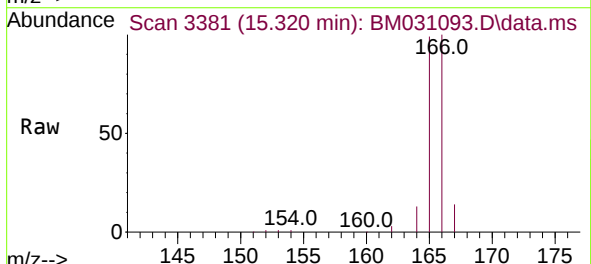
Instrument :
BNA_M
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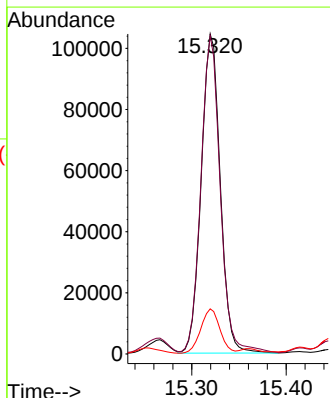
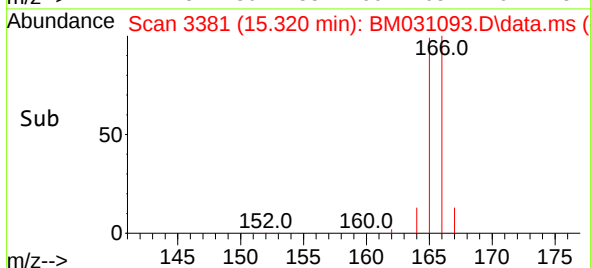
Tgt Ion:153 Resp: 164623
Ion Ratio Lower Upper
153 100
152 47.3 39.4 59.2
154 87.2 68.2 102.4

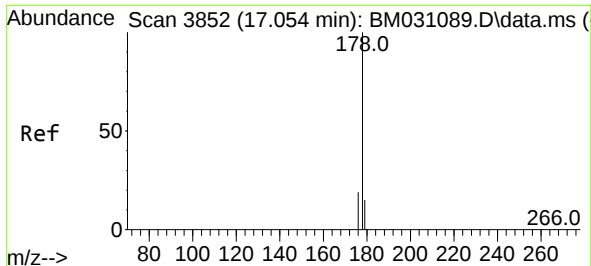


#12
Fluorene
Concen: 5.33 ng/ul
RT: 15.320 min Scan# 3381
Delta R.T. 0.000 min
Lab File: BM031093.D
Acq: 23 Jul 2021 16:51



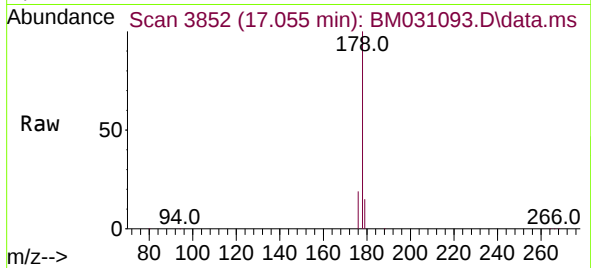
Tgt Ion:166 Resp: 146631
Ion Ratio Lower Upper
166 100
165 99.4 78.2 117.2
167 14.1 12.3 18.5





#15
Phenanthrene
Concen: 30.23 ng/ul
RT: 17.055 min Scan# 3852
Delta R.T. 0.000 min
Lab File: BM031093.D
Acq: 23 Jul 2021 16:51

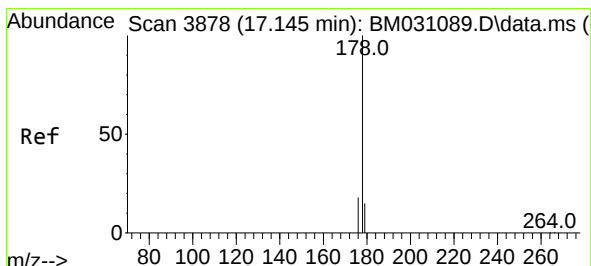
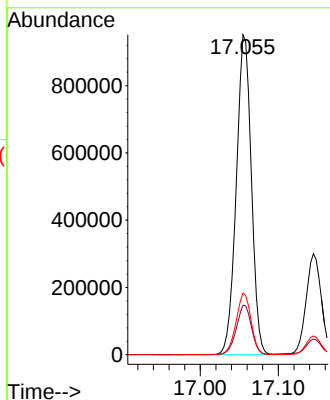
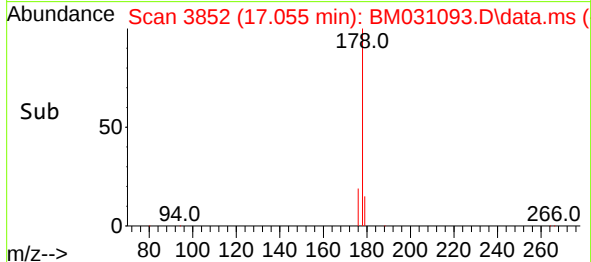
Instrument :
BNA_M
ClientSampled :
BGED1



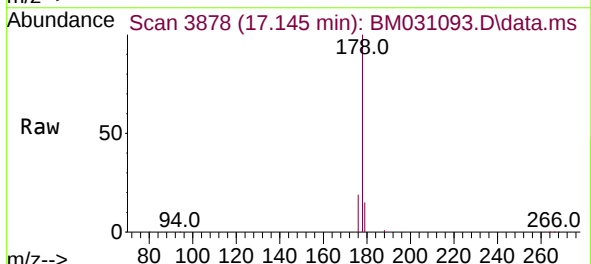
Tgt Ion:178 Resp: 1275025
Ion Ratio Lower Upper
178 100
179 15.5 13.3 19.9
176 19.3 15.4 23.2

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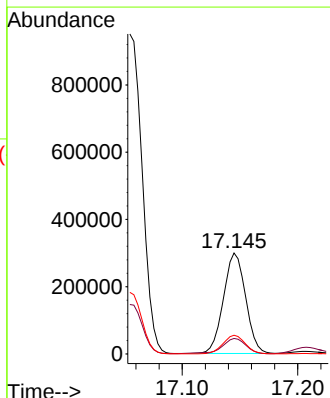
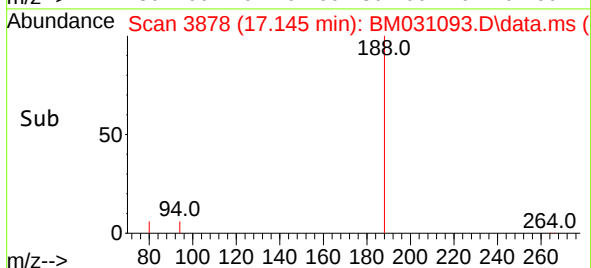
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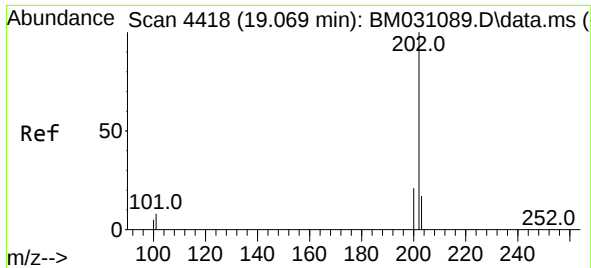


#16
Anthracene
Concen: 10.13 ng/ul
RT: 17.145 min Scan# 3878
Delta R.T. 0.000 min
Lab File: BM031093.D
Acq: 23 Jul 2021 16:51

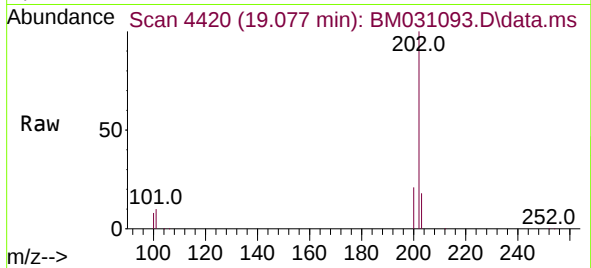


Tgt Ion:178 Resp: 400025
Ion Ratio Lower Upper
178 100
179 15.4 13.8 20.8
176 18.5 15.7 23.5

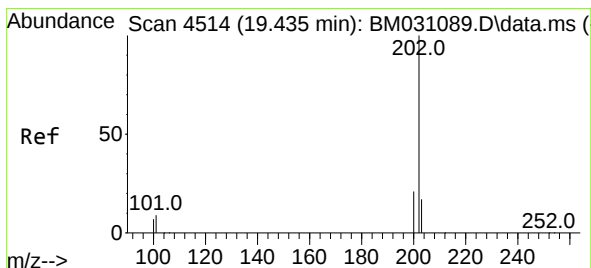
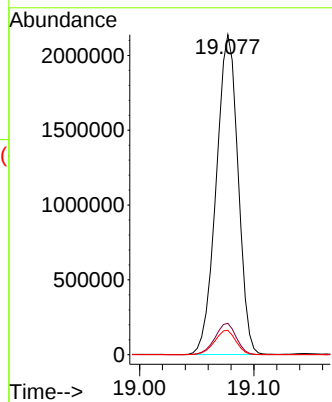
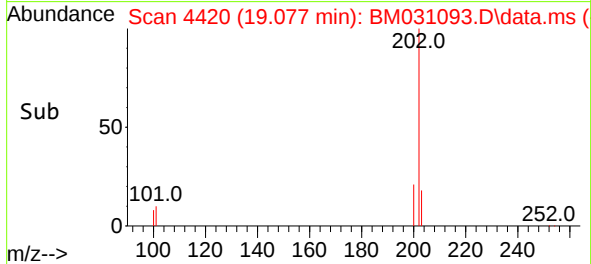




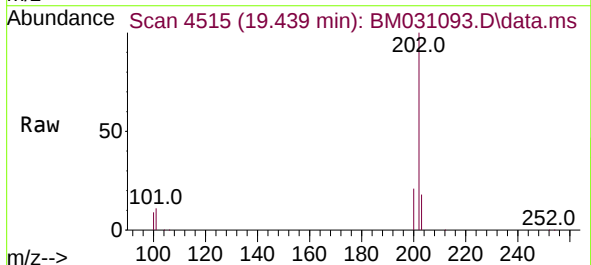
#19
Fluoranthene
Concen: 66.53 ng/ul
RT: 19.077 min Scan# 4420
Delta R.T. 0.008 min
Lab File: BM031093.D
Acq: 23 Jul 2021 16:51



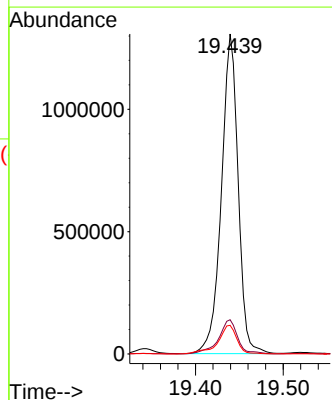
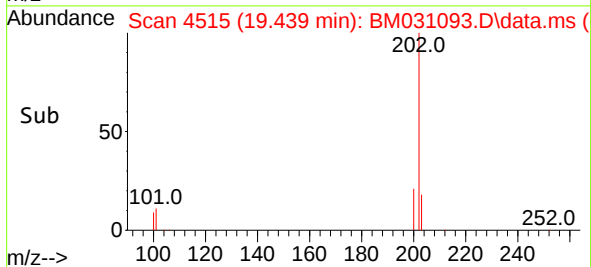
Tgt Ion:202 Resp: 2839891
Ion Ratio Lower Upper
202 100
101 9.8 6.0 9.0#
100 7.6 4.8 7.2#



#20
Pyrene
Concen: 39.81 ng/ul
RT: 19.439 min Scan# 4515
Delta R.T. 0.004 min
Lab File: BM031093.D
Acq: 23 Jul 2021 16:51



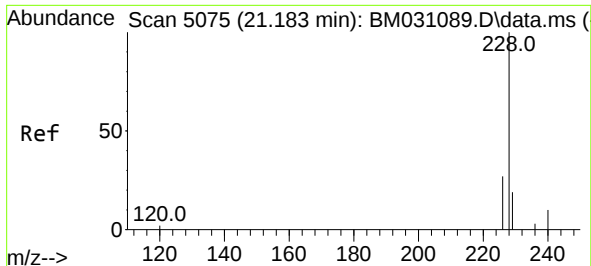
Tgt Ion:202 Resp: 1734850
Ion Ratio Lower Upper
202 100
101 10.7 7.4 11.0
100 8.9 6.0 9.0



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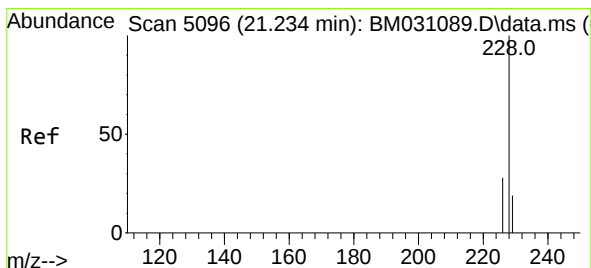
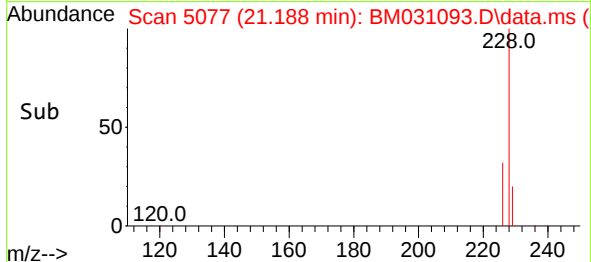
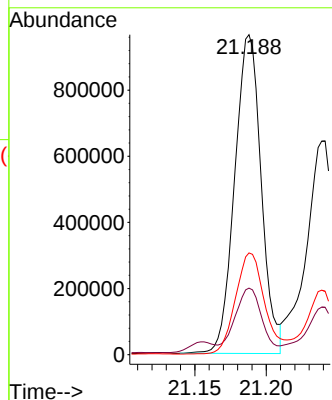
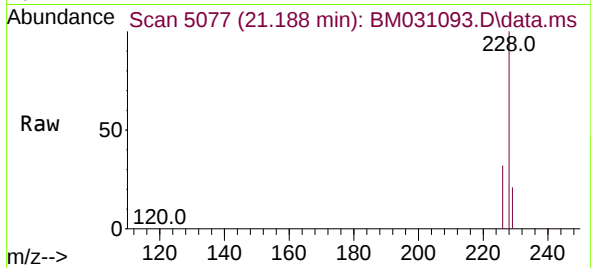
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Benzo(a)anthracene
Concen: 29.37 ng/ul
RT: 21.188 min Scan# 5077
Delta R.T. 0.005 min
Lab File: BM031093.D
Acq: 23 Jul 2021 16:51

Tgt Ion:228 Resp: 1243868
Ion Ratio Lower Upper
228 100
229 20.8 16.0 24.0
226 31.8 21.4 32.2

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BGED1

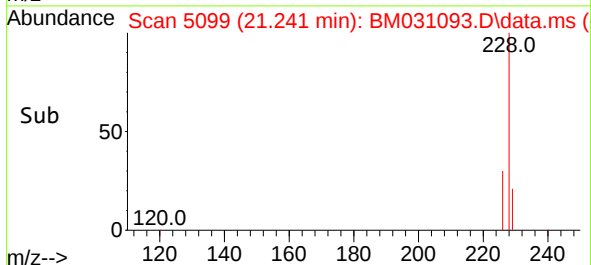
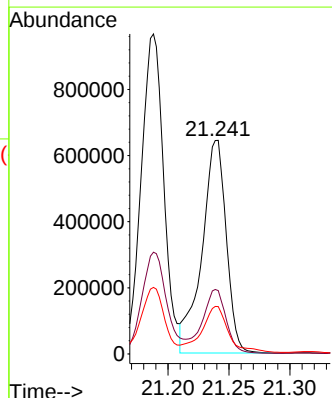
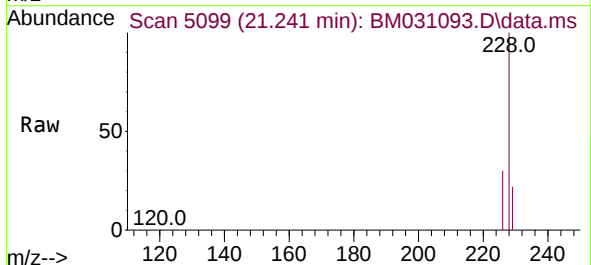
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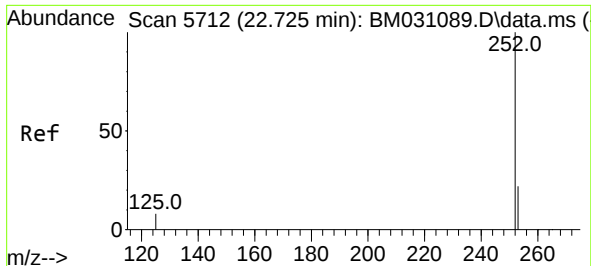
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#22
Chrysene
Concen: 19.56 ng/ul
RT: 21.241 min Scan# 5099
Delta R.T. 0.007 min
Lab File: BM031093.D
Acq: 23 Jul 2021 16:51

Tgt Ion:228 Resp: 896748
Ion Ratio Lower Upper
228 100
226 29.7 24.5 36.7
229 22.1 15.8 23.8





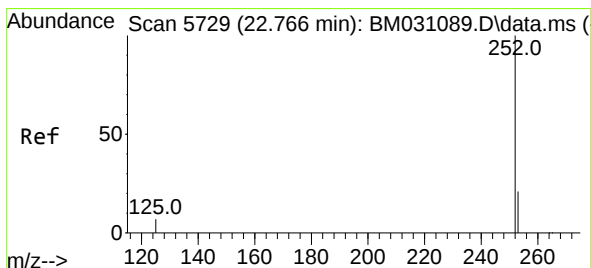
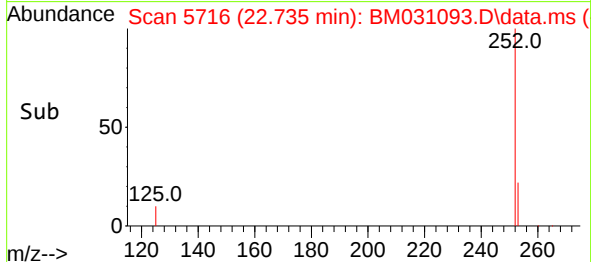
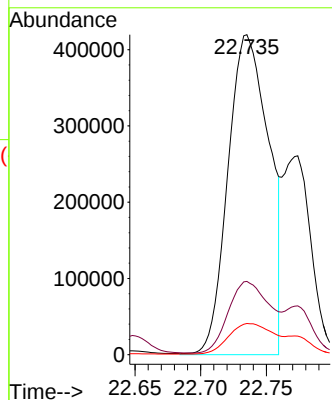
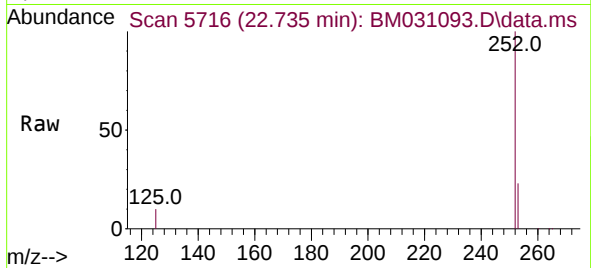
#24
Benzo(b)fluoranthene
Concen: 22.97 ng/ul m
RT: 22.735 min Scan# 5716
Delta R.T. 0.010 min
Lab File: BM031093.D
Acq: 23 Jul 2021 16:51

Tgt Ion:252 Resp: 908973
Ion Ratio Lower Upper
252 100
253 22.9 0.0 52.8
125 9.8 0.0 20.2

Instrument :
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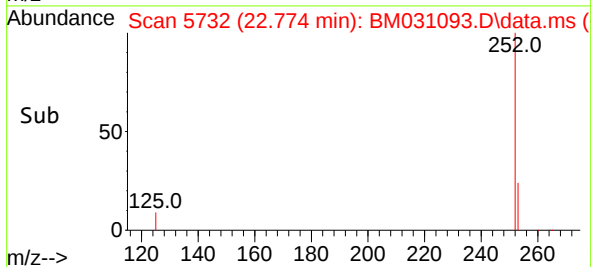
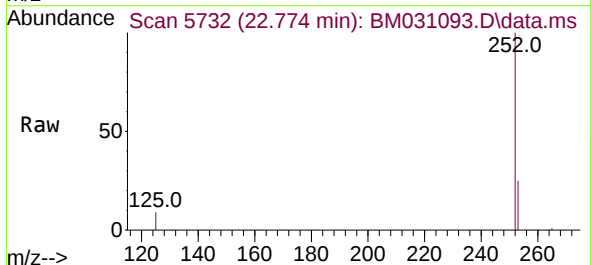
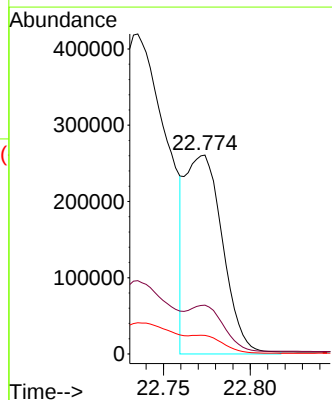
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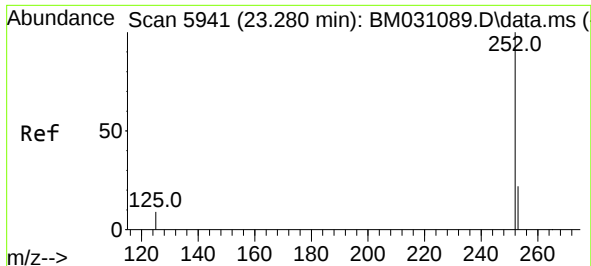
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#25
Benzo(k)fluoranthene
Concen: 9.75 ng/ul m
RT: 22.774 min Scan# 5732
Delta R.T. 0.007 min
Lab File: BM031093.D
Acq: 23 Jul 2021 16:51

Tgt Ion:252 Resp: 391494
Ion Ratio Lower Upper
252 100
253 24.5 21.6 32.4
125 9.3 8.6 13.0





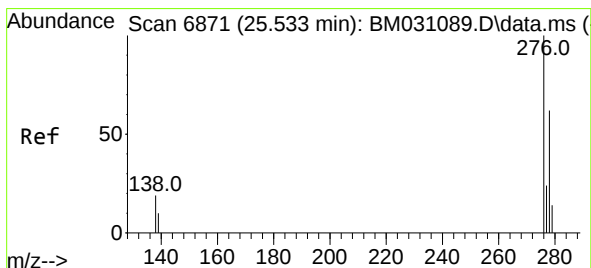
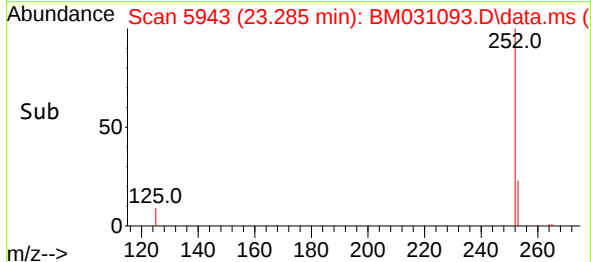
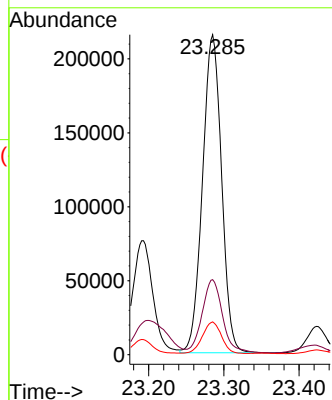
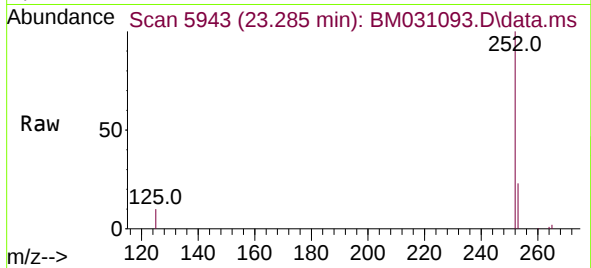
#26
Benzo(a)pyrene
Concen: 11.08 ng/ul
RT: 23.285 min Scan# 5943
Delta R.T. 0.005 min
Lab File: BM031093.D
Acq: 23 Jul 2021 16:51

Tgt Ion:252 Resp: 378956
Ion Ratio Lower Upper
252 100
253 23.5 23.1 34.7
125 10.2 10.7 16.1#

Instrument :
BNA_M
ClientSampled :
BGED1

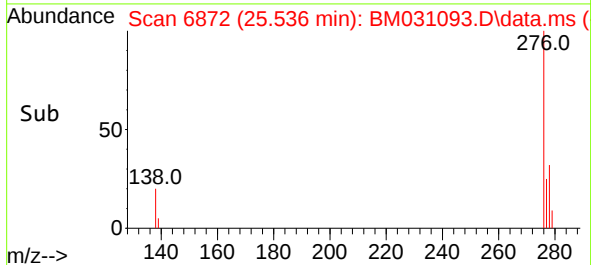
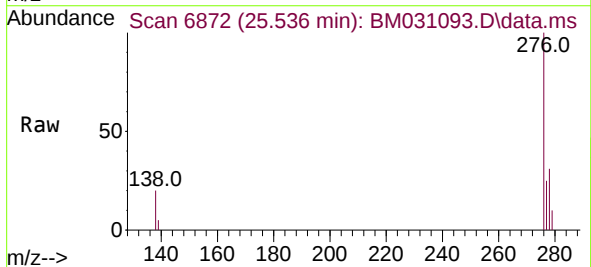
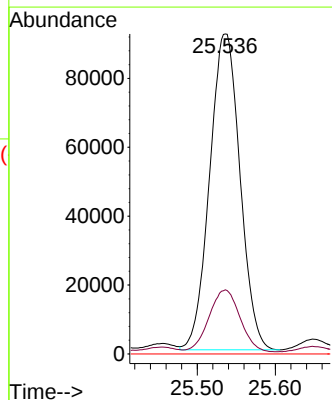
Manual Integrations
APPROVED

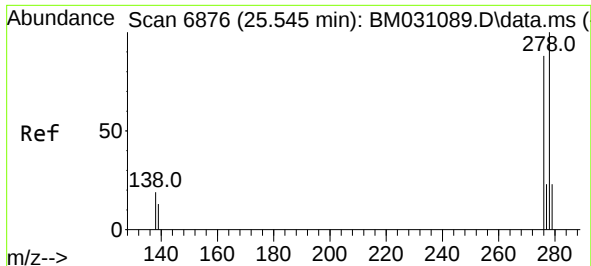
mohammad
7/26/2021 1:25:51 PM



#27
Indeno(1,2,3-cd)pyrene
Concen: 5.53 ng/ul
RT: 25.536 min Scan# 6872
Delta R.T. 0.003 min
Lab File: BM031093.D
Acq: 23 Jul 2021 16:51

Tgt Ion:276 Resp: 247909
Ion Ratio Lower Upper
276 100
138 20.0 15.4 23.0
227 0.0 0.0 0.0





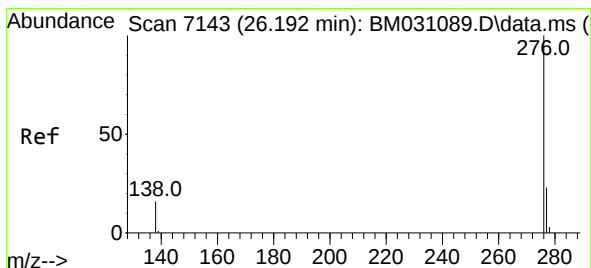
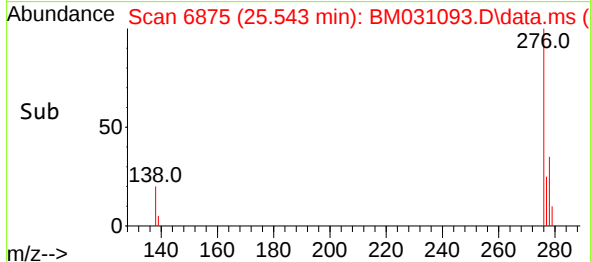
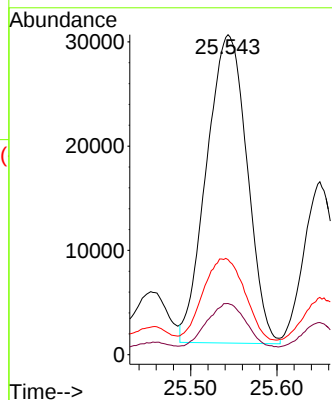
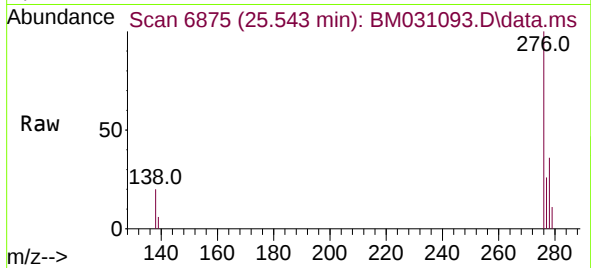
#28
Dibenzo(a,h)anthracene
Concen: 2.69 ng/ul
RT: 25.543 min Scan# 6875
Delta R.T. -0.002 min
Lab File: BM031093.D
Acq: 23 Jul 2021 16:51

Tgt Ion:278 Resp: 96591
Ion Ratio Lower Upper
278 100
139 16.0 12.6 18.8
279 29.7 22.6 34.0

Instrument :
BNA_M
ClientSampled :
BGED1

Manual Integrations
APPROVED

mohammad
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#29
Benzo(g,h,i)perylene
Concen: 0.32 ng/ul
RT: 26.192 min Scan# 7143
Delta R.T. 0.000 min
Lab File: BM031093.D
Acq: 23 Jul 2021 16:51

Tgt Ion:276 Resp: 12303
Ion Ratio Lower Upper
276 100
138 29.5 14.0 21.0#
277 37.8 19.9 29.9#

