

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080921\
 Data File : BM031600.D
 Acq On : 09 Aug 2021 13:04
 Operator : CG/JU
 Sample : M3124-12DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0093DL

Manual Integrations
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Quant Time: Aug 09 13:42:51 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	1091	0.400	ng/ul	0.00
4) Naphthalene-d8	10.343	136	4028	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.212	164	2335	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.964	188	4463	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.156	240	3805	0.400	ng/ul	# 0.00
23) Perylene-d12	23.312	264	3699	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	1323	1.092	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.935	152	483	0.071	ng/ul	0.00
18) Fluoranthene-d10	18.993	212	1013	0.080	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.388	128	1682	0.140	ng/ul#	91
7) 2-Methylnaphthalene	12.011	142	1294	0.158	ng/ul	99
8) 1-Methylnaphthalene	12.236	142	790	0.098	ng/ul	99
10) Acenaphthylene	13.932	152	9871	0.993	ng/ul	99
11) Acenaphthene	14.277	153	511	0.061	ng/ul#	92
12) Fluorene	15.266	166	1195	0.124	ng/ul#	94
15) Phenanthrene	17.002	178	31997	2.258	ng/ul	98
16) Anthracene	17.093	178	16688	1.258	ng/ul	99
19) Fluoranthene	19.024	202	191742	11.801	ng/ul	97
20) Pyrene	19.390	202	154620	9.383	ng/ul	98
21) Benzo(a)anthracene	21.142	228	84576	5.505	ng/ul	98
22) Chrysene	21.193	228	76568	4.817	ng/ul	98
24) Benzo(b)fluoranthene	22.674	252	103128m	6.188	ng/ul	
25) Benzo(k)fluoranthene	22.713	252	40637m	2.360	ng/ul	
26) Benzo(a)pyrene	23.220	252	66894m	4.583	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.444	276	41539	2.202	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.451	278	10422	0.685	ng/ul#	94
29) Benzo(g,h,i)perylene	26.098	276	33387	2.074	ng/ul	98

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

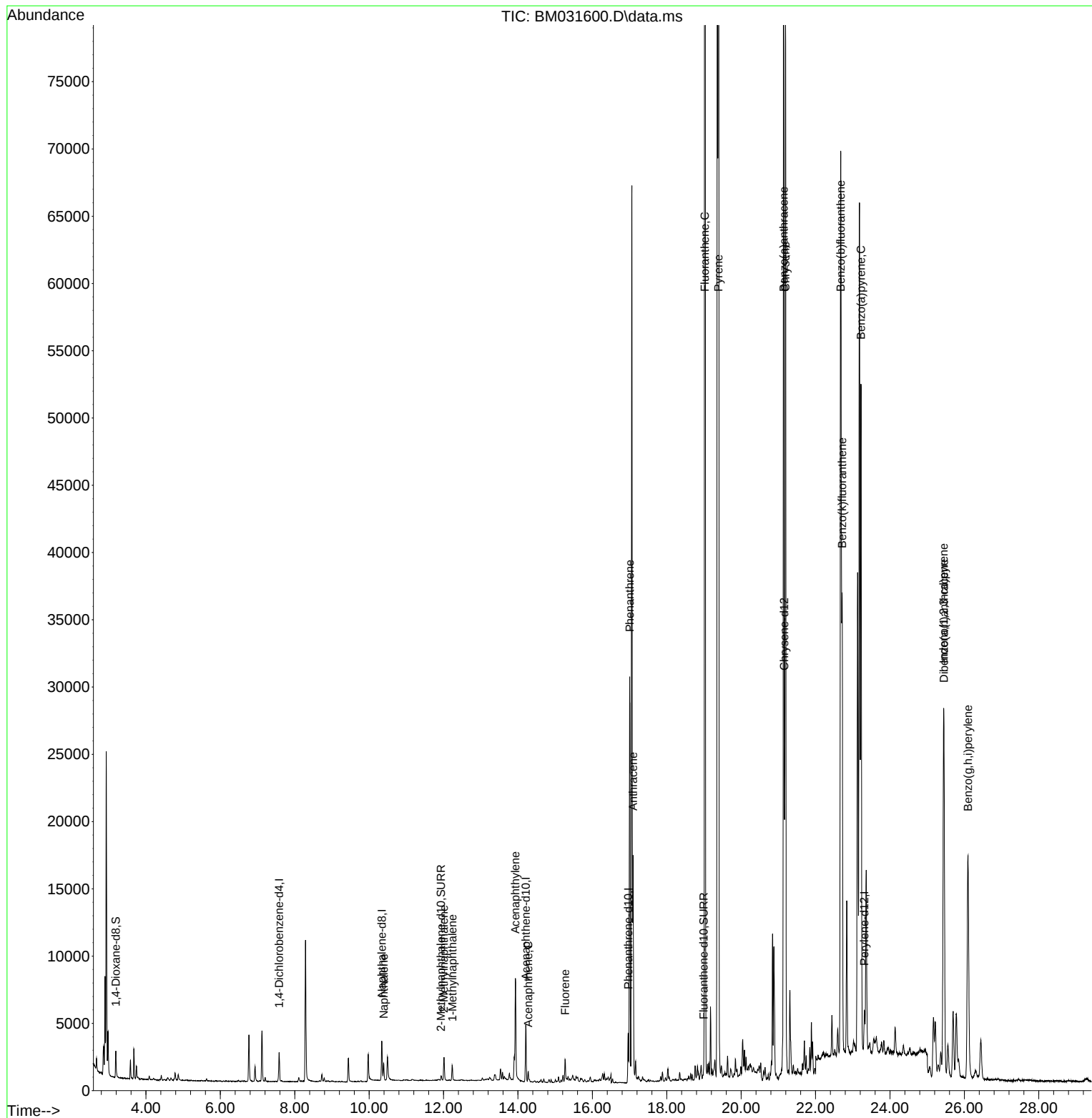
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Data File : BM031600.D
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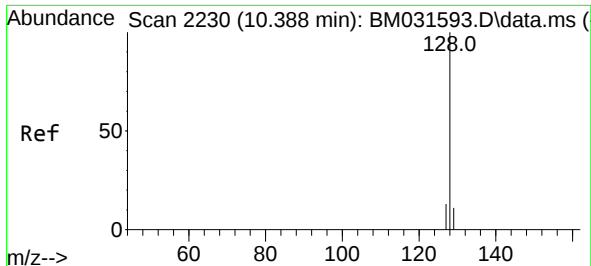
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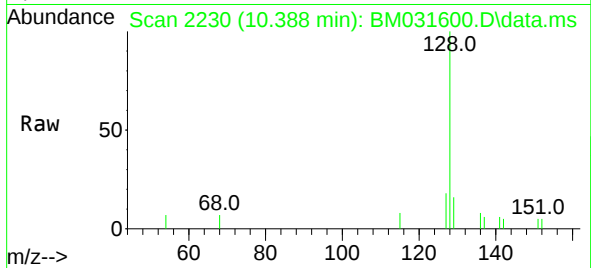
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QLast Update : Mon Aug 09 10:16:43 2021
Response via : Initial Calibration

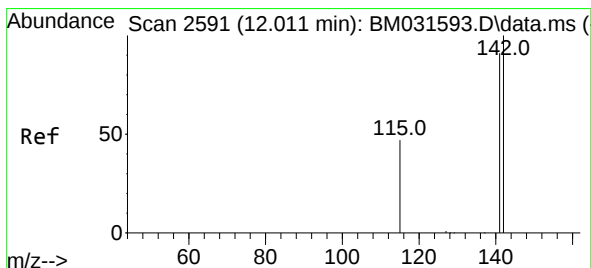
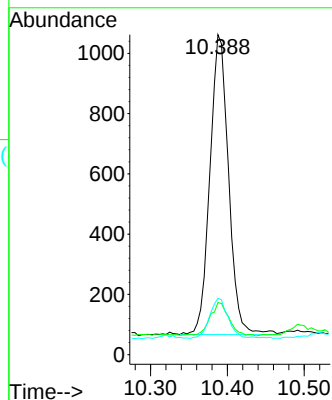
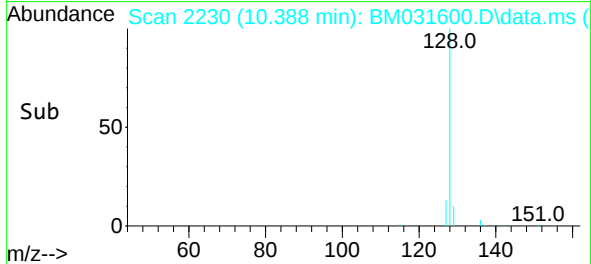




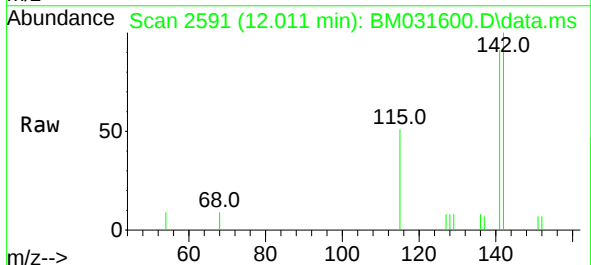
#5
Naphthalene
Concen: 0.140 ng/ul
RT: 10.388 min Scan# 2230
Delta R.T. -0.000 min
Lab File: BM031600.D
Acq: 09 Aug 2021 13:04



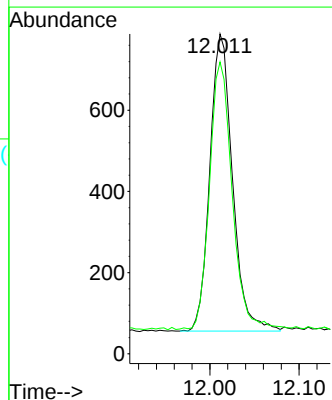
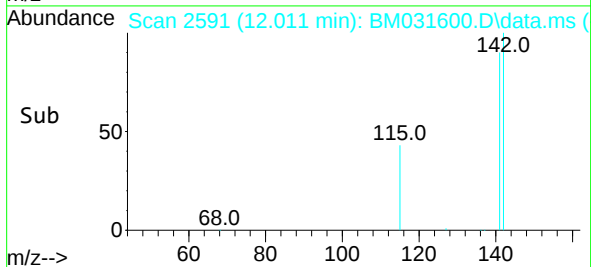
Tgt Ion:128 Resp: 1682
Ion Ratio Lower Upper
128 100
129 16.3 10.0 15.0#
127 17.6 11.6 17.4#



#7
2-Methylnaphthalene
Concen: 0.158 ng/ul
RT: 12.011 min Scan# 2591
Delta R.T. -0.000 min
Lab File: BM031600.D
Acq: 09 Aug 2021 13:04



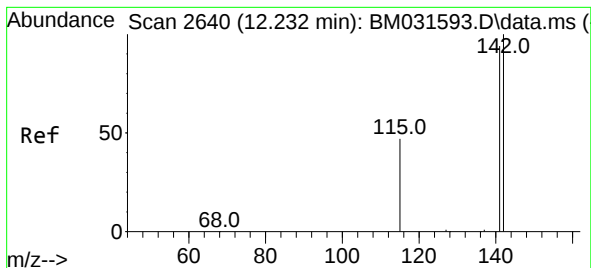
Tgt Ion:142 Resp: 1294
Ion Ratio Lower Upper
142 100
141 89.7 71.4 107.0



Instrument :
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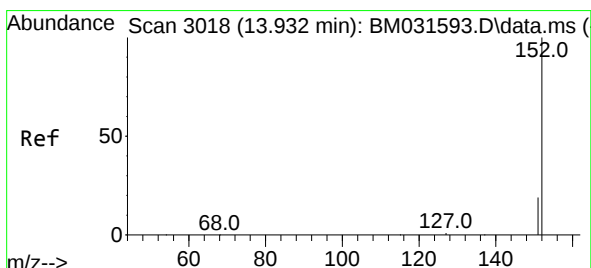
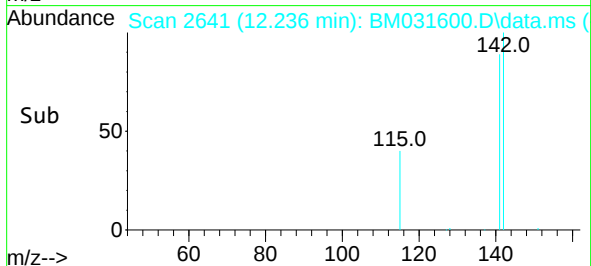
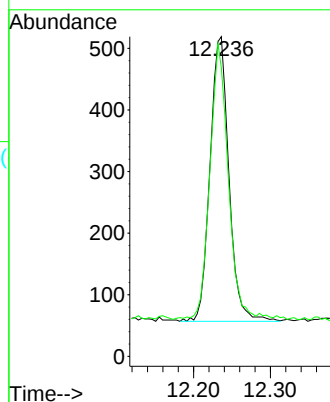
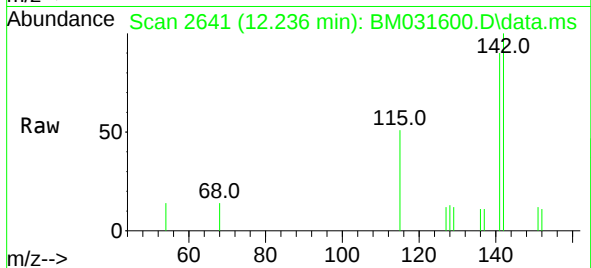
#8
1-Methylnaphthalene
Concen: 0.098 ng/ul
RT: 12.236 min Scan# 2641
Delta R.T. 0.004 min
Lab File: BM031600.D
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Tgt Ion:142 Resp: 790
Ion Ratio Lower Upper
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141 93.3 74.1 111.1

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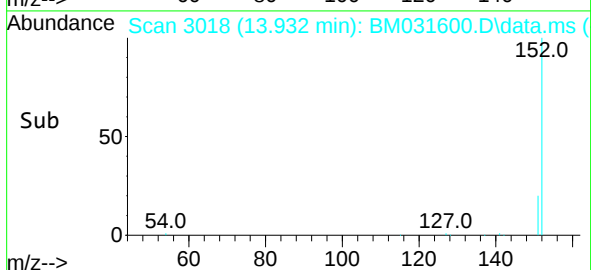
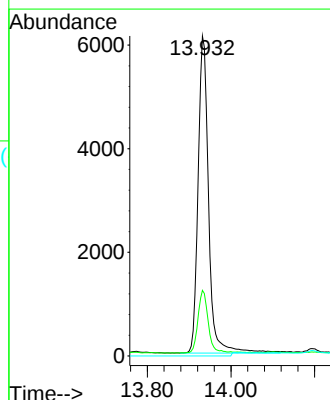
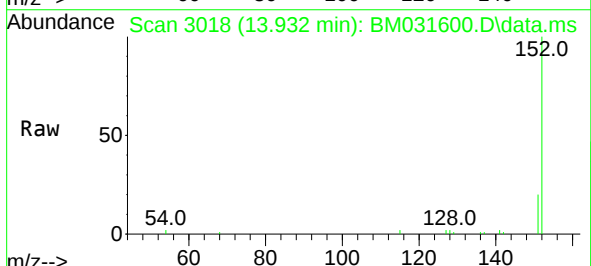
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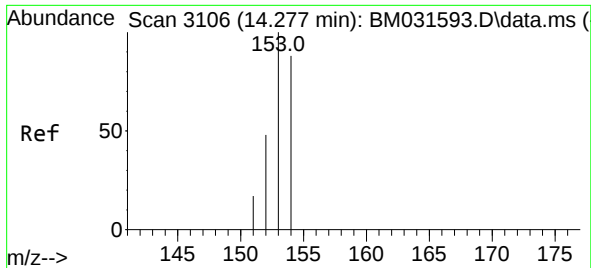
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#10
Acenaphthylene
Concen: 0.993 ng/ul
RT: 13.932 min Scan# 3018
Delta R.T. -0.000 min
Lab File: BM031600.D
Acq: 09 Aug 2021 13:04

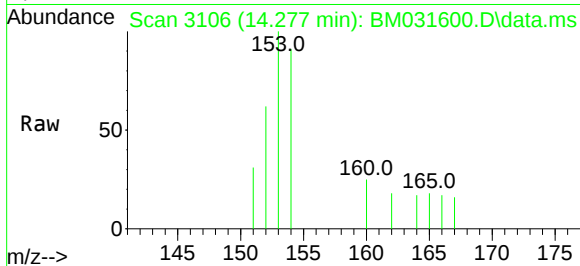
Tgt Ion:152 Resp: 9871
Ion Ratio Lower Upper
152 100
151 20.5 16.9 25.3
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.061 ng/ul
RT: 14.277 min Scan# 3106
Delta R.T. -0.000 min
Lab File: BM031600.D
Acq: 09 Aug 2021 13:04

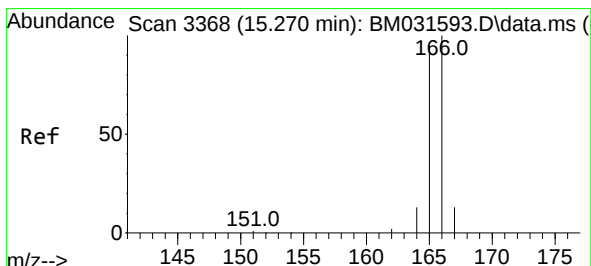
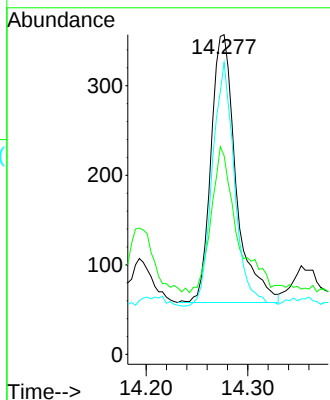
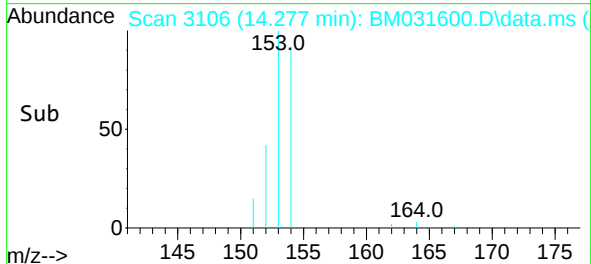
Instrument :
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ClientSampled :
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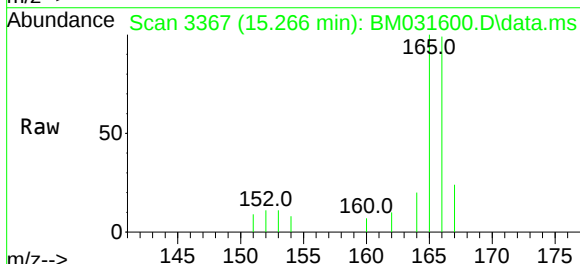
Tgt Ion:153 Resp: 511
Ion Ratio Lower Upper
153 100
152 62.2 40.7 61.1#
154 91.3 70.2 105.2

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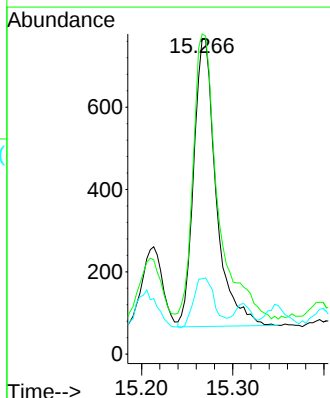
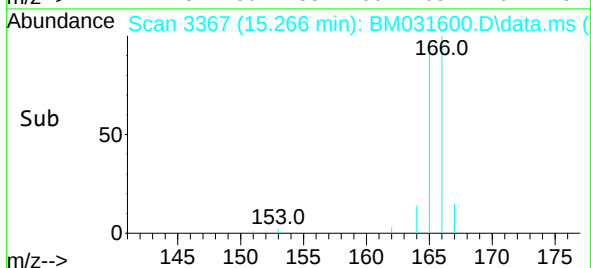
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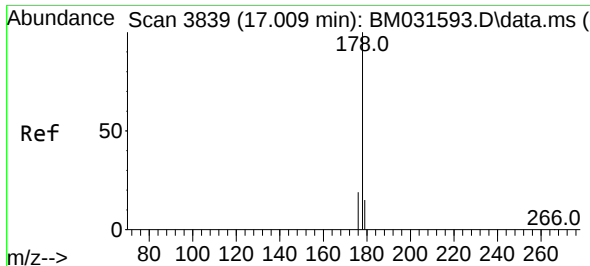


#12
Fluorene
Concen: 0.124 ng/ul
RT: 15.266 min Scan# 3367
Delta R.T. -0.004 min
Lab File: BM031600.D
Acq: 09 Aug 2021 13:04



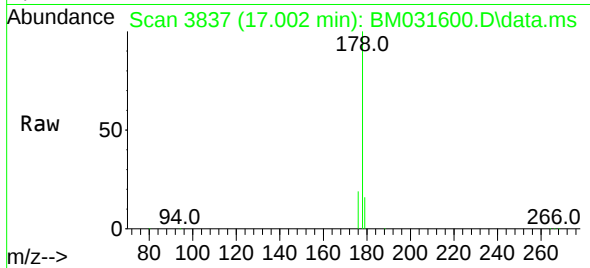
Tgt Ion:166 Resp: 1195
Ion Ratio Lower Upper
166 100
165 101.4 78.0 117.0
167 23.9 12.0 18.0#





#15
Phenanthrene
Concen: 2.258 ng/ul
RT: 17.002 min Scan# 3837
Delta R.T. -0.007 min
Lab File: BM031600.D
Acq: 09 Aug 2021 13:04

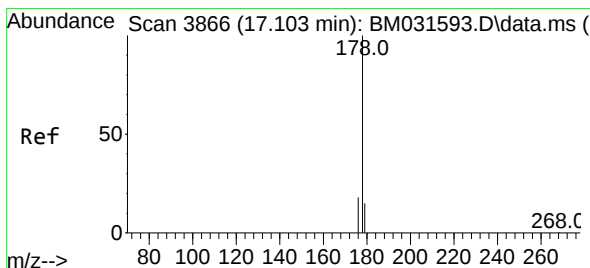
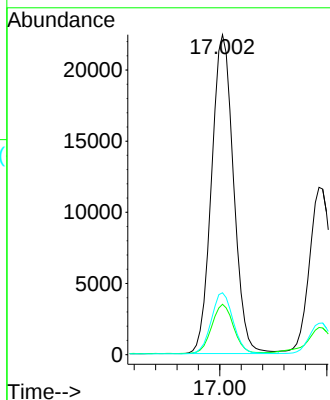
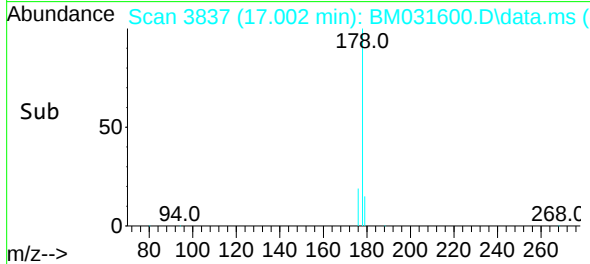
Instrument :
BNA_M
ClientSampled :
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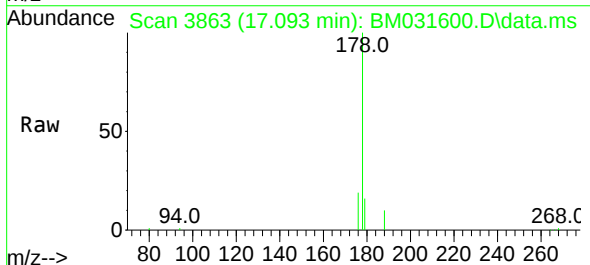
Tgt Ion:178 Resp: 31997
Ion Ratio Lower Upper
178 100
179 15.7 13.3 19.9
176 19.3 16.2 24.4

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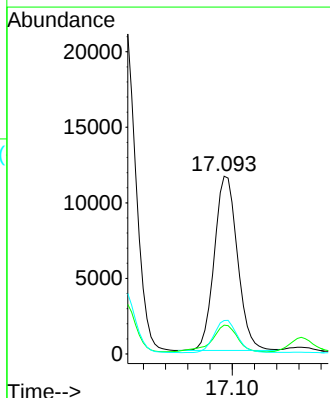
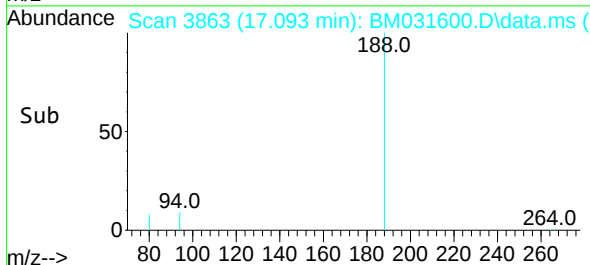
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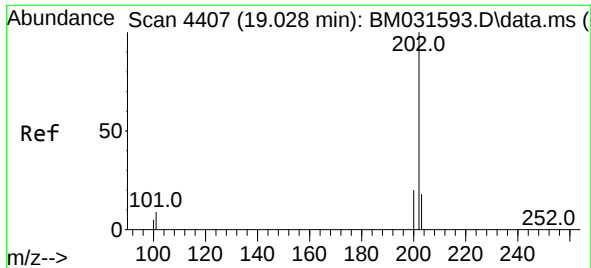


#16
Anthracene
Concen: 1.258 ng/ul
RT: 17.093 min Scan# 3863
Delta R.T. -0.010 min
Lab File: BM031600.D
Acq: 09 Aug 2021 13:04

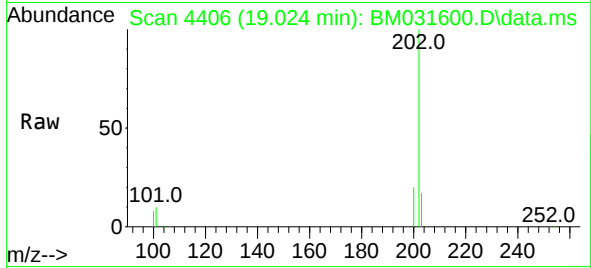


Tgt Ion:178 Resp: 16688
Ion Ratio Lower Upper
178 100
179 16.3 13.0 19.6
176 18.8 15.6 23.4

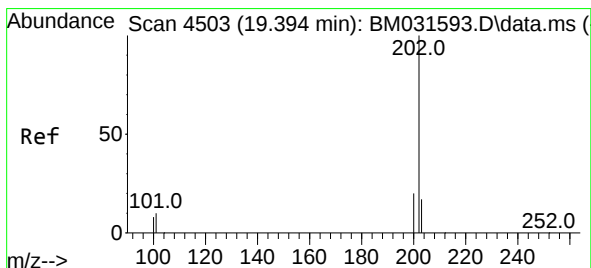
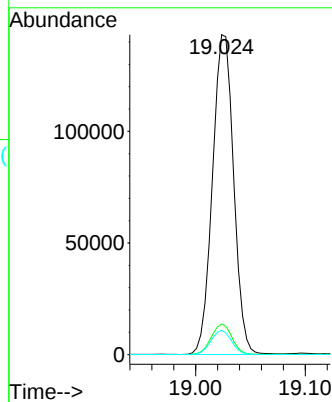
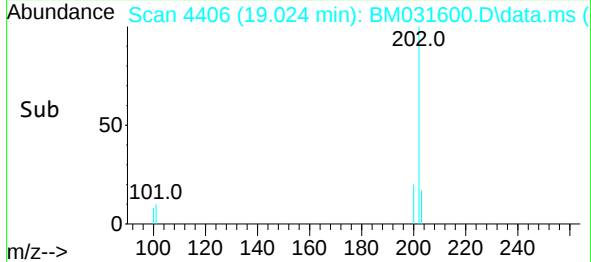




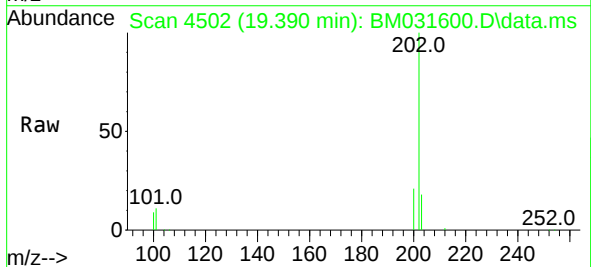
#19
Fluoranthene
Concen: 11.801 ng/ul
RT: 19.024 min Scan# 4406
Delta R.T. -0.004 min
Lab File: BM031600.D
Acq: 09 Aug 2021 13:04



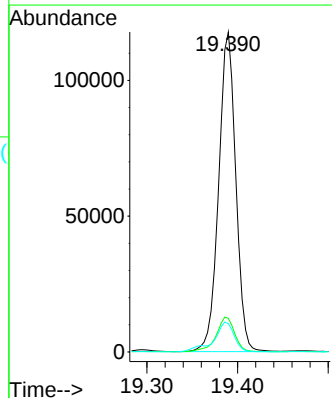
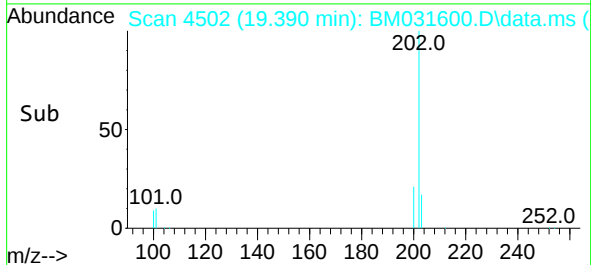
Tgt Ion:202 Resp: 191742
Ion Ratio Lower Upper
202 100
101 9.6 6.6 10.0
100 7.6 5.4 8.0



#20
Pyrene
Concen: 9.383 ng/ul
RT: 19.390 min Scan# 4502
Delta R.T. -0.004 min
Lab File: BM031600.D
Acq: 09 Aug 2021 13:04



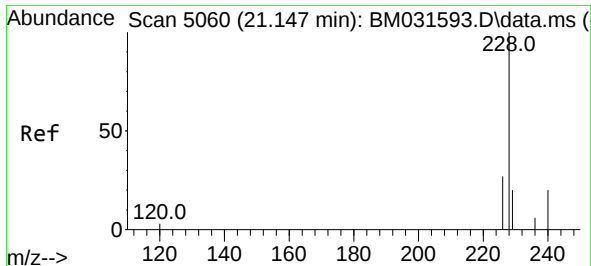
Tgt Ion:202 Resp: 154620
Ion Ratio Lower Upper
202 100
101 10.5 7.8 11.6
100 8.9 6.6 10.0



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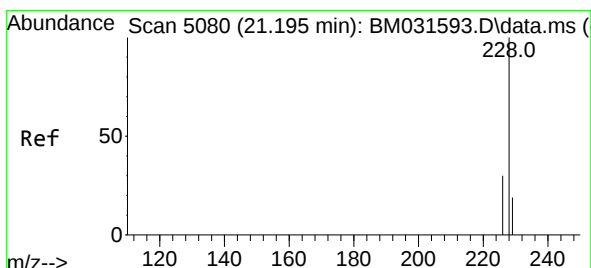
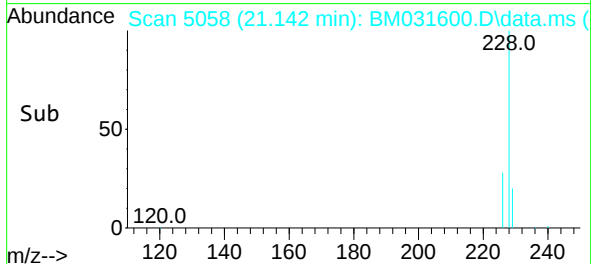
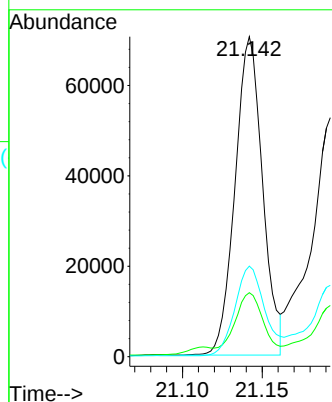
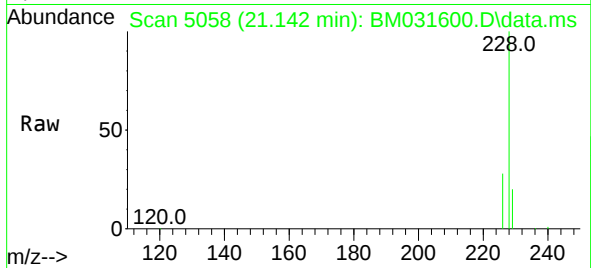
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Benzo(a)anthracene
Concen: 5.505 ng/ul
RT: 21.142 min Scan# 5058
Delta R.T. -0.005 min
Lab File: BM031600.D
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Tgt Ion:228	Resp:	84576
Ion Ratio	Lower	Upper
228	100	
229	20.0	15.6 23.4
226	28.3	21.7 32.5

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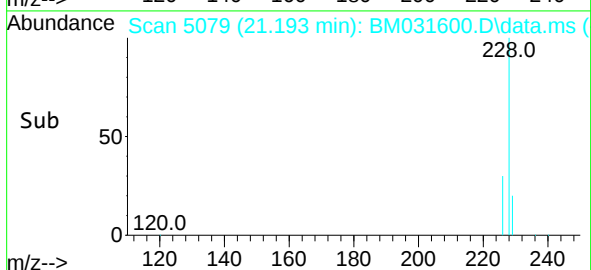
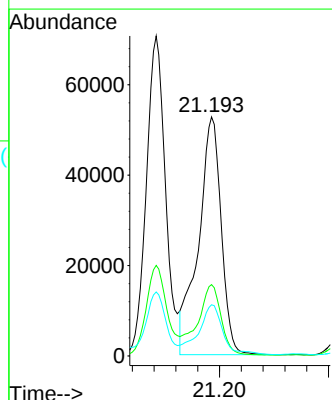
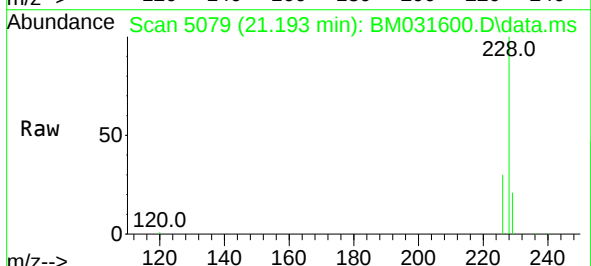
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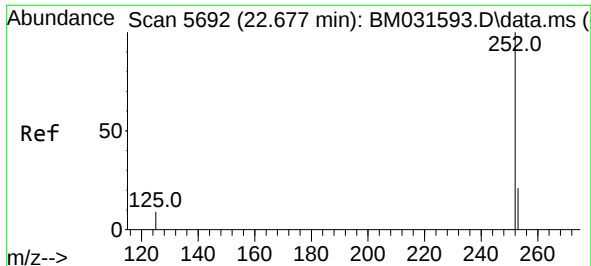
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#22
Chrysene
Concen: 4.817 ng/ul
RT: 21.193 min Scan# 5079
Delta R.T. -0.002 min
Lab File: BM031600.D
Acq: 09 Aug 2021 13:04

Tgt Ion:228	Resp:	76568
Ion Ratio	Lower	Upper
228	100	
226	29.9	24.7 37.1
229	21.4	16.2 24.2





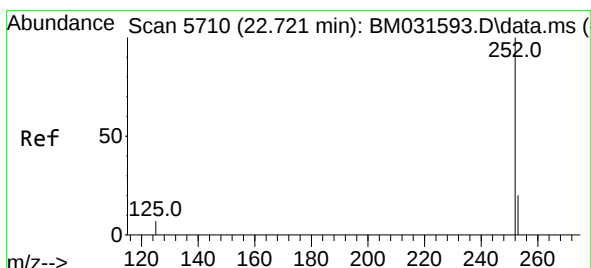
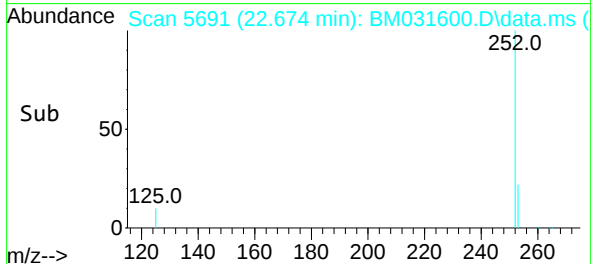
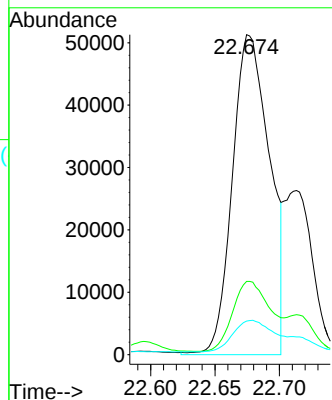
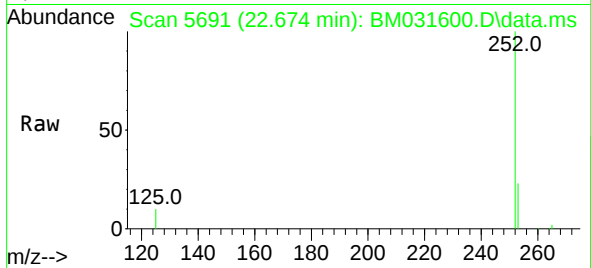
#24
Benzo(b)fluoranthene
Concen: 6.188 ng/ul m
RT: 22.674 min Scan# 5691
Delta R.T. -0.002 min
Lab File: BM031600.D
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Tgt Ion:252 Resp: 103128
Ion Ratio Lower Upper
252 100
253 22.9 0.0 53.0
125 10.5 0.0 22.8

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C0093DL

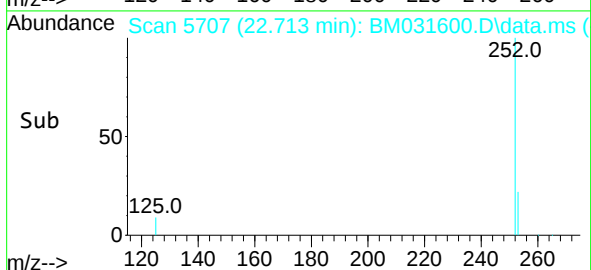
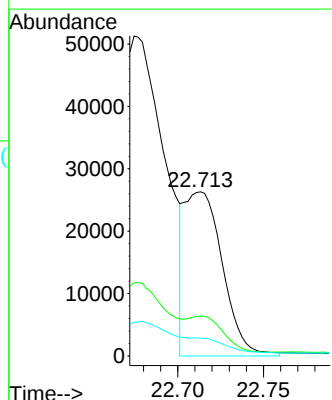
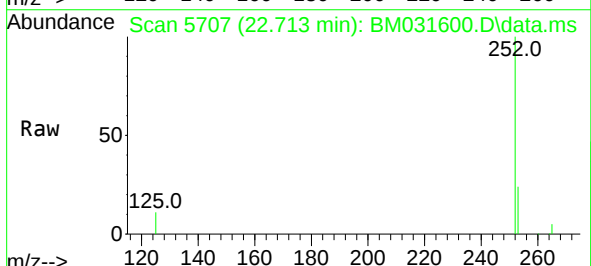
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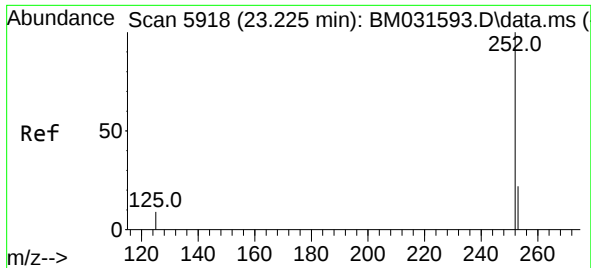
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#25
Benzo(k)fluoranthene
Concen: 2.360 ng/ul m
RT: 22.713 min Scan# 5707
Delta R.T. -0.007 min
Lab File: BM031600.D
Acq: 09 Aug 2021 13:04

Tgt Ion:252 Resp: 40637
Ion Ratio Lower Upper
252 100
253 24.4 21.3 31.9
125 10.8 8.8 13.2





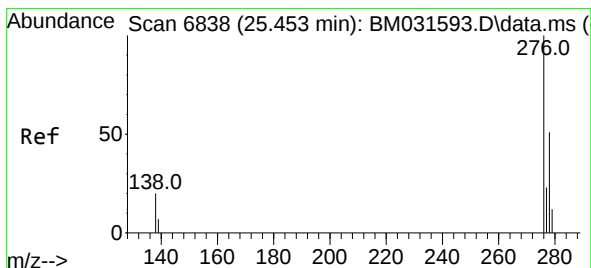
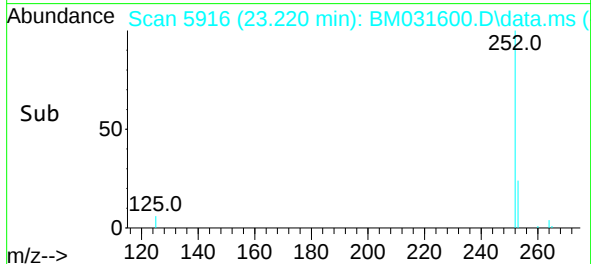
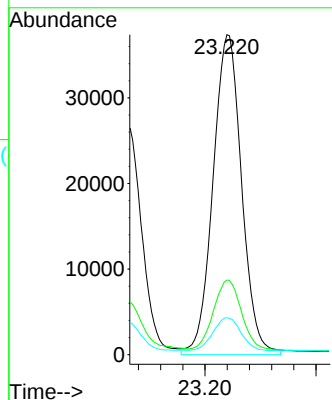
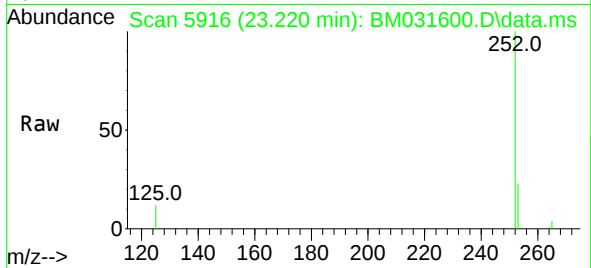
#26
Benzo(a)pyrene
Concen: 4.583 ng/ul m
RT: 23.220 min Scan# 5916
Delta R.T. -0.005 min
Lab File: BM031600.D
Acq: 09 Aug 2021 13:04

Tgt Ion:252 Resp: 66894
Ion Ratio Lower Upper
252 100
253 23.3 22.4 33.6
125 11.6 13.0 19.4#

Instrument :
BNA_M
ClientSampled :
C0093DL

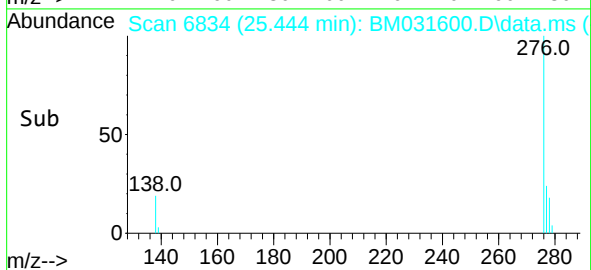
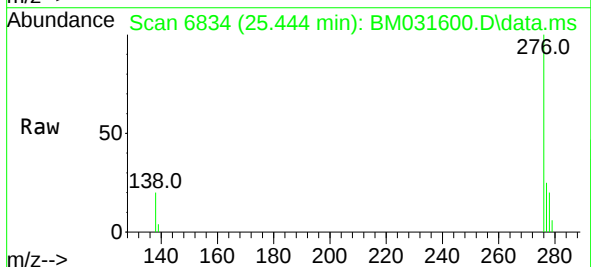
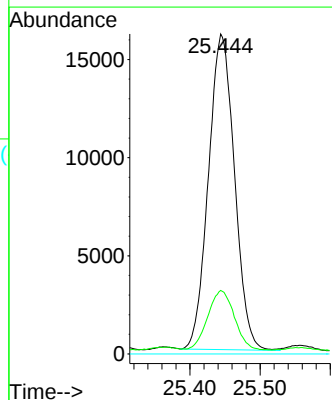
Manual Integrations
APPROVED

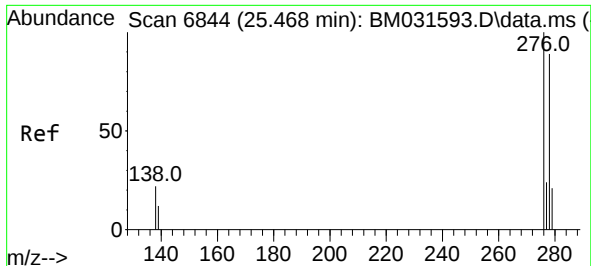
mohammad
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#27
Indeno(1,2,3-cd)pyrene
Concen: 2.202 ng/ul
RT: 25.444 min Scan# 6834
Delta R.T. -0.010 min
Lab File: BM031600.D
Acq: 09 Aug 2021 13:04

Tgt Ion:276 Resp: 41539
Ion Ratio Lower Upper
276 100
138 19.3 15.8 23.8
227 0.0 0.0 0.0





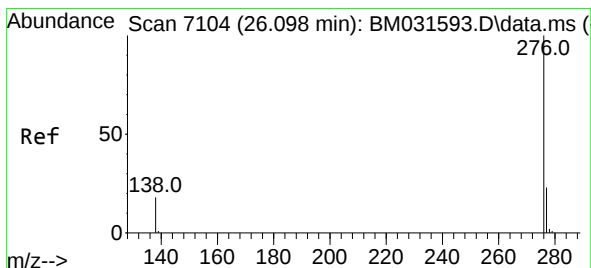
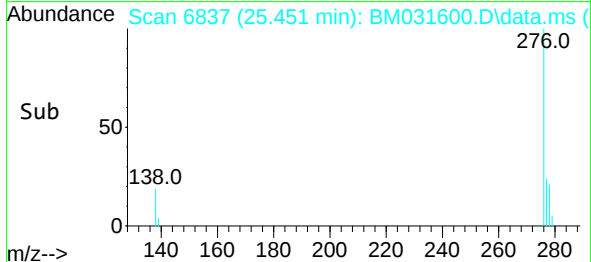
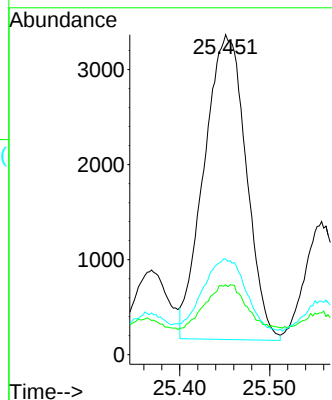
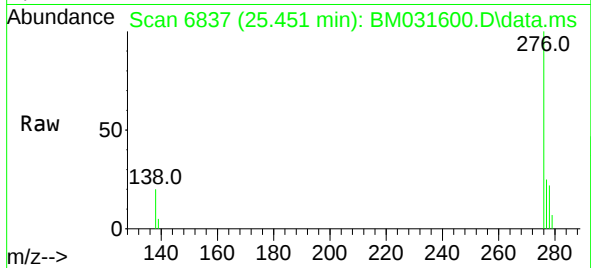
#28
Dibenzo(a,h)anthracene
Concen: 0.685 ng/ul
RT: 25.451 min Scan# 6837
Delta R.T. -0.017 min
Lab File: BM031600.D
Acq: 09 Aug 2021 13:04

Tgt Ion: 278 Resp: 10422
Ion Ratio Lower Upper
278 100
139 21.9 13.3 19.9#
279 29.9 22.8 34.2

Instrument :
BNA_M
ClientSampled :
C0093DL

Manual Integrations
APPROVED

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#29
Benzo(g,h,i)perylene
Concen: 2.074 ng/ul
RT: 26.098 min Scan# 7104
Delta R.T. -0.000 min
Lab File: BM031600.D
Acq: 09 Aug 2021 13:04

Tgt Ion: 276 Resp: 33387
Ion Ratio Lower Upper
276 100
138 20.4 15.4 23.2
277 24.4 19.9 29.9

