

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
 Data File : BM031720.D
 Acq On : 13 Aug 2021 18:21
 Operator : CG/JU
 Sample : M3208-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00E4

Manual Integrations
 APPROVED

mohammad
 8/16/2021 8:40:12 AM

Quant Time: Aug 14 00:48:57 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 : Thu Aug 12 17:28:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	1095	0.400	ng/ul	0.00
4) Naphthalene-d8	10.325	136	4071	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.201	164	2449	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.954	188	4483	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.151	240	3904	0.400	ng/ul	# 0.00
23) Perylene-d12	23.307	264	3863	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.182	96	3735	3.071	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.921	152	1260	0.184	ng/ul	-0.01
18) Fluoranthene-d10	18.985	212	2497	0.192	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.374	128	13433	1.108	ng/ul	98
7) 2-Methylnaphthalene	11.998	142	7199	0.869	ng/ul	100
8) 1-Methylnaphthalene	12.218	142	5393	0.659	ng/ul	99
10) Acenaphthylene	13.923	152	30160	2.891	ng/ul	98
11) Acenaphthene	14.265	153	2227	0.254	ng/ul	96
12) Fluorene	15.255	166	4020	0.398	ng/ul#	93
15) Phenanthrene	16.995	178	144977	10.184	ng/ul	97
16) Anthracene	17.086	178	29037	2.179	ng/ul	98
19) Fluoranthene	19.016	202	339696	20.377	ng/ul	97
20) Pyrene	19.382	202	282588	16.713	ng/ul	97
21) Benzo(a)anthracene	21.135	228	139306	8.837	ng/ul	95
22) Chrysene	21.185	228	150399	9.221	ng/ul	97
24) Benzo(b)fluoranthene	22.670	252	203272m	11.679	ng/ul	
25) Benzo(k)fluoranthene	22.706	252	70174m	3.902	ng/ul	
26) Benzo(a)pyrene	23.212	252	131887m	8.653	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.436	276	97090	4.927	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.439	278	23920	1.506	ng/ul	94
29) Benzo(g,h,i)perylene	26.086	276	32407	1.928	ng/ul	97

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

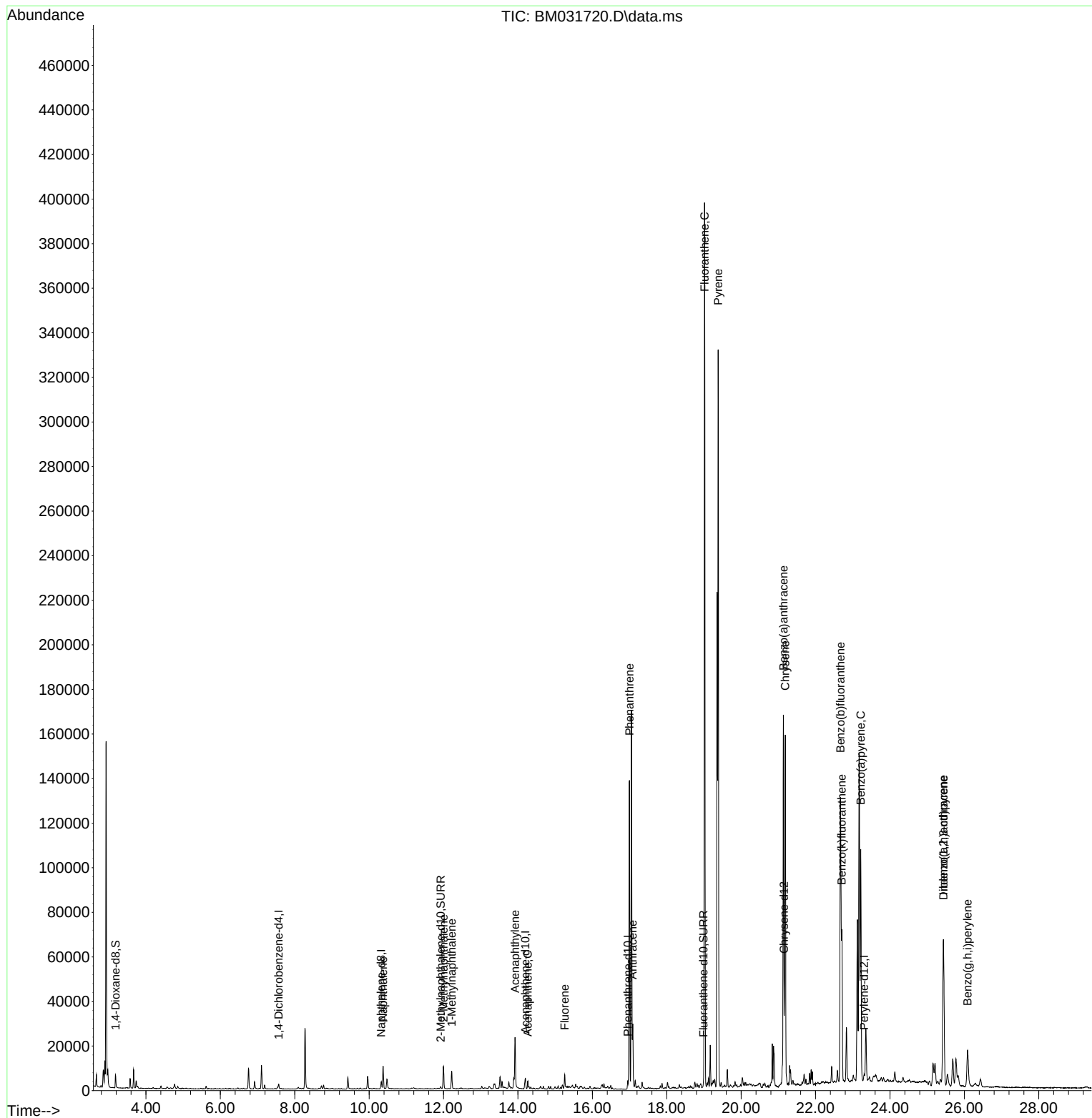
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Data File : BM031720.D
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Operator : CG/JU
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ALS Vial : 10 Sample Multiplier: 1

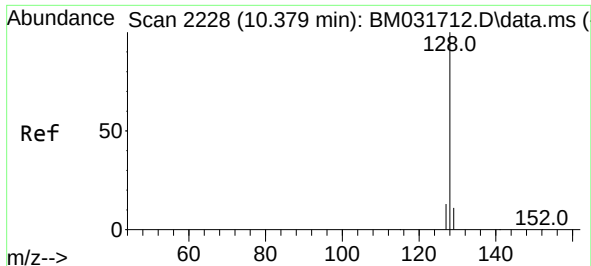
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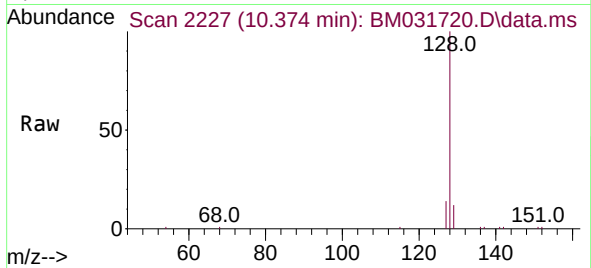
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Quant Time: Aug 14 00:48:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

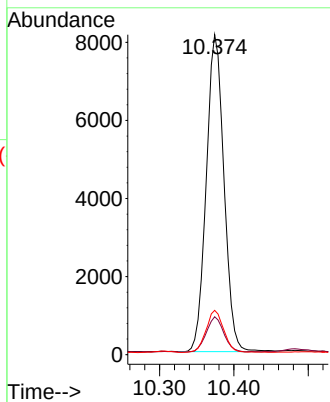
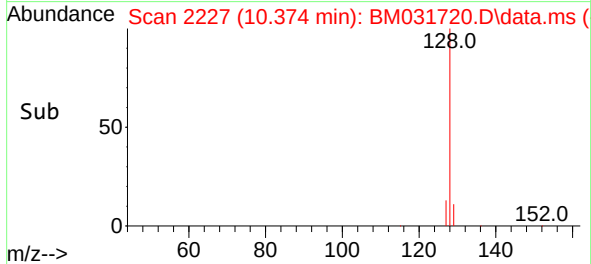




#5
Naphthalene
Concen: 1.108 ng/ul
RT: 10.374 min Scan# 2227
Delta R.T. -0.008 min
Lab File: BM031720.D
Acq: 13 Aug 2021 18:21



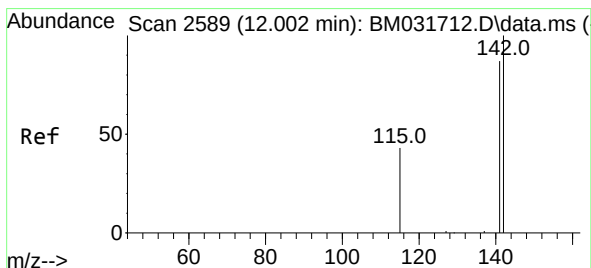
Tgt Ion:128 Resp: 13433
Ion Ratio Lower Upper
128 100
129 11.9 10.0 15.0
127 13.9 11.6 17.4



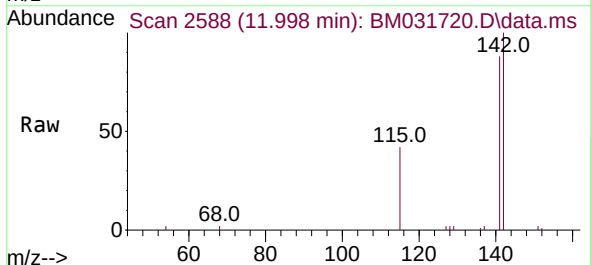
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ClientSampleId :
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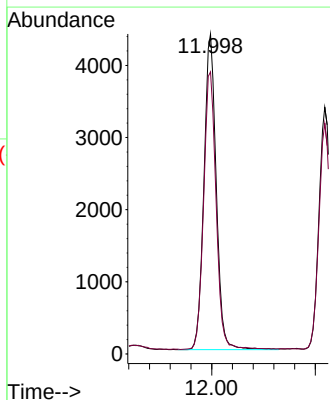
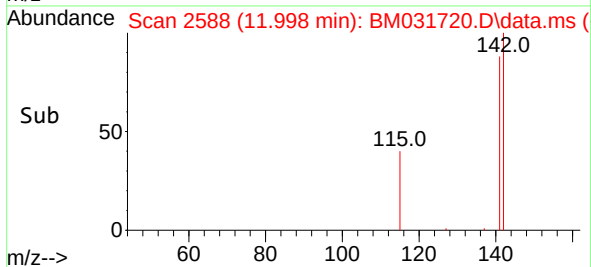
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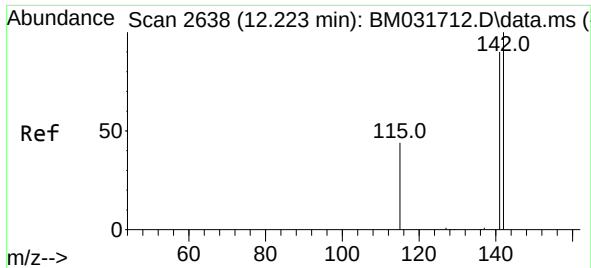


#7
2-Methylnaphthalene
Concen: 0.869 ng/ul
RT: 11.998 min Scan# 2588
Delta R.T. -0.008 min
Lab File: BM031720.D
Acq: 13 Aug 2021 18:21

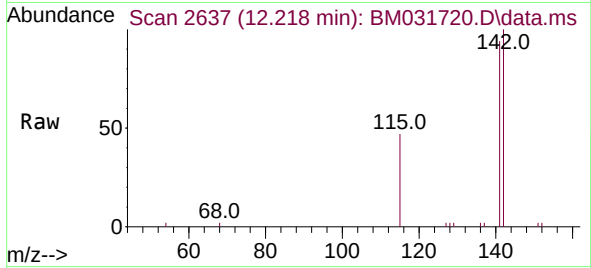


Tgt Ion:142 Resp: 7199
Ion Ratio Lower Upper
142 100
141 89.5 71.4 107.0

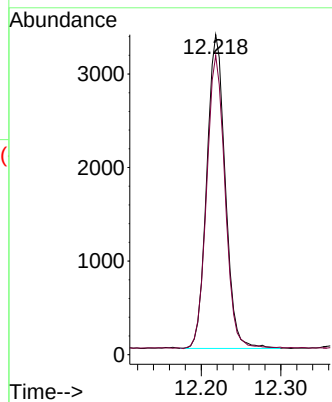
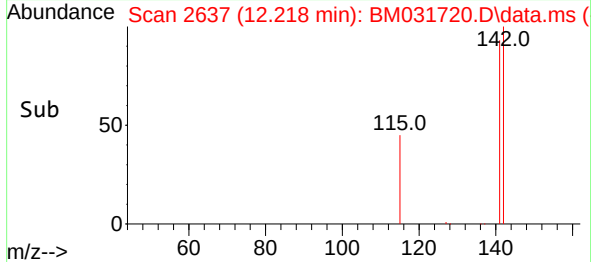




#8
1-Methylnaphthalene
Concen: 0.659 ng/ul
RT: 12.218 min Scan# 2637
Delta R.T. -0.008 min
Lab File: BM031720.D
Acq: 13 Aug 2021 18:21



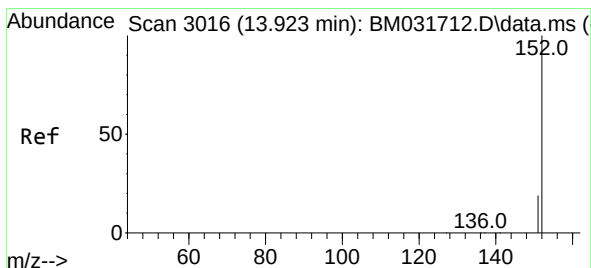
Tgt Ion:142 Resp: 5393
Ion Ratio Lower Upper
142 100
141 93.5 74.1 111.1



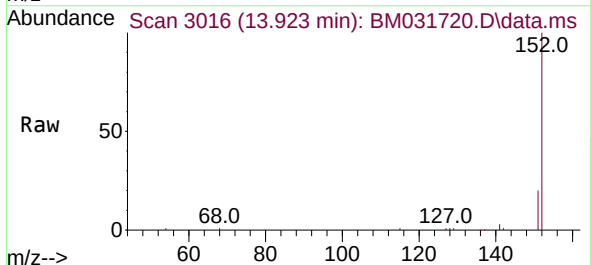
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BNA_M
ClientSampled :
C00E4

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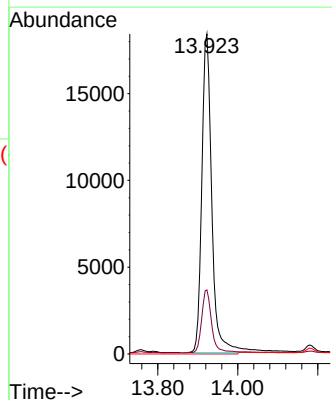
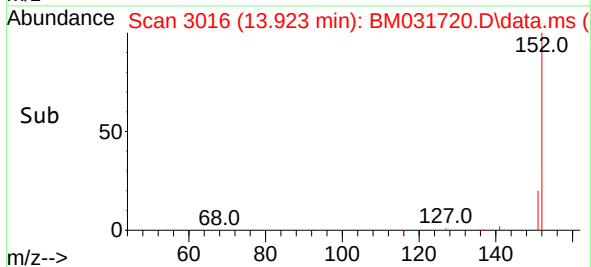
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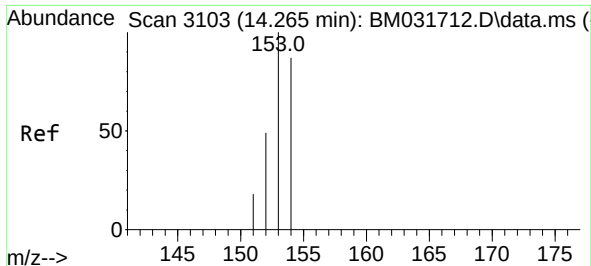


#10
Acenaphthylene
Concen: 2.891 ng/ul
RT: 13.923 min Scan# 3016
Delta R.T. -0.008 min
Lab File: BM031720.D
Acq: 13 Aug 2021 18:21

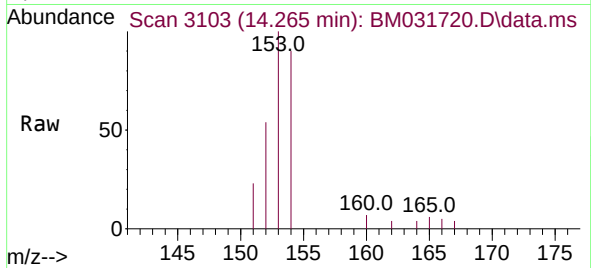


Tgt Ion:152 Resp: 30160
Ion Ratio Lower Upper
152 100
151 20.0 16.9 25.3
153 0.0 0.0 0.0

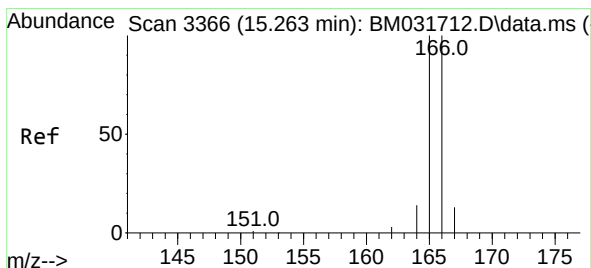
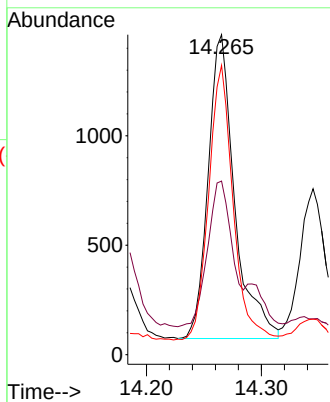
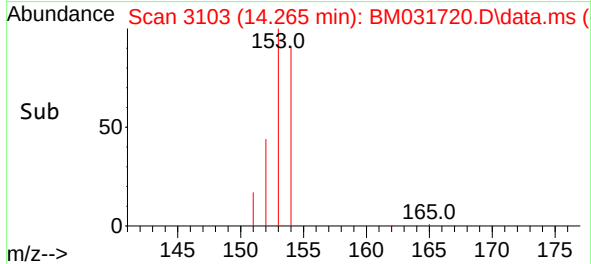




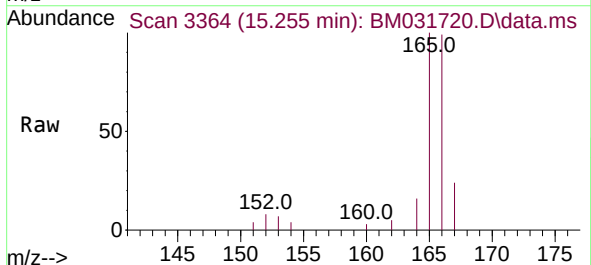
#11
Acenaphthene
Concen: 0.254 ng/ul
RT: 14.265 min Scan# 3103
Delta R.T. -0.007 min
Lab File: BM031720.D
Acq: 13 Aug 2021 18:21



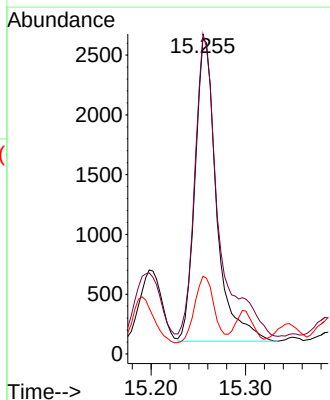
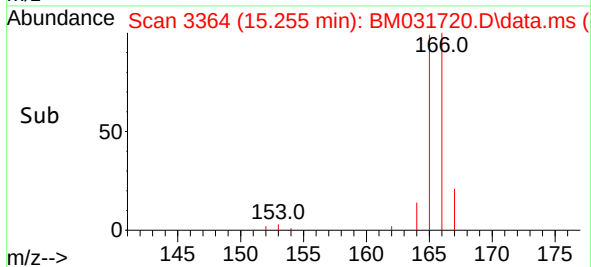
Tgt Ion:153 Resp: 2227
Ion Ratio Lower Upper
153 100
152 54.2 40.7 61.1
154 90.4 70.2 105.2



#12
Fluorene
Concen: 0.398 ng/ul
RT: 15.255 min Scan# 3364
Delta R.T. -0.015 min
Lab File: BM031720.D
Acq: 13 Aug 2021 18:21



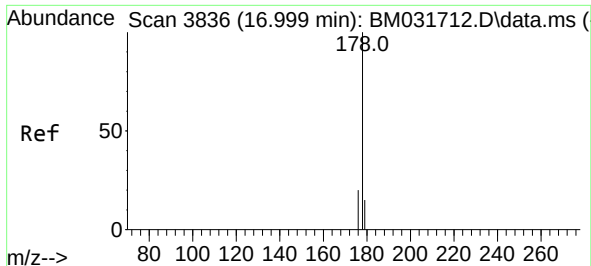
Tgt Ion:166 Resp: 4020
Ion Ratio Lower Upper
166 100
165 101.4 78.0 117.0
167 24.7 12.0 18.0#



Instrument :
BNA_M
ClientSampled :
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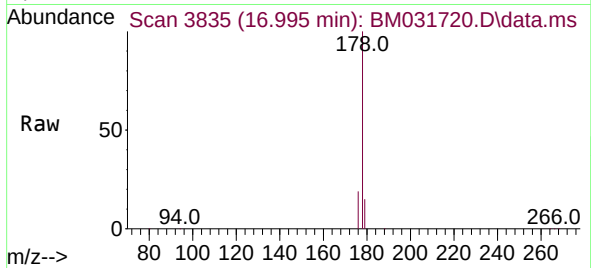
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#15
Phenanthrene
Concen: 10.184 ng/ul
RT: 16.995 min Scan# 3835
Delta R.T. -0.007 min
Lab File: BM031720.D
Acq: 13 Aug 2021 18:21

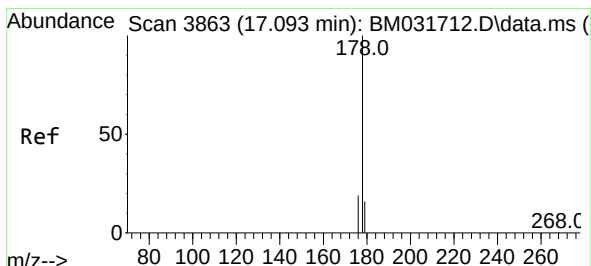
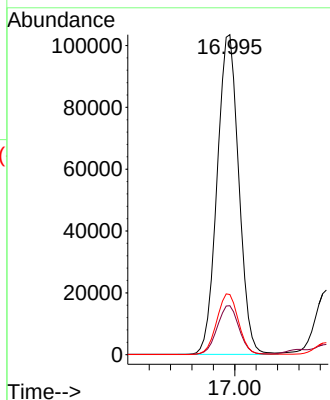
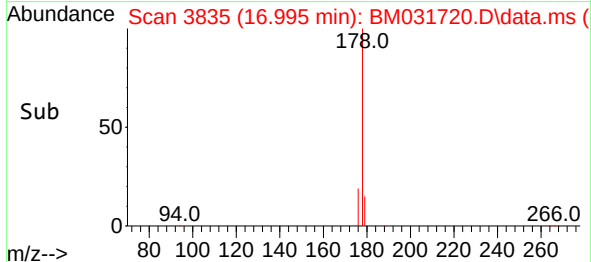
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ClientSampled :
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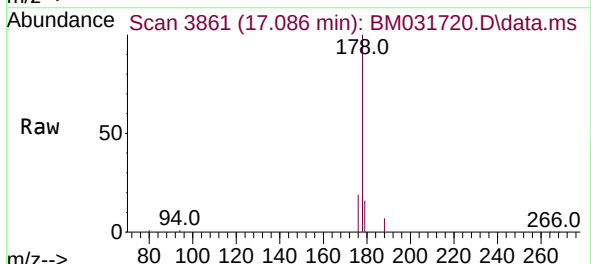
Tgt Ion:178 Resp: 144977
Ion Ratio Lower Upper
178 100
179 15.3 13.3 19.9
176 18.8 16.2 24.4

Manual Integrations
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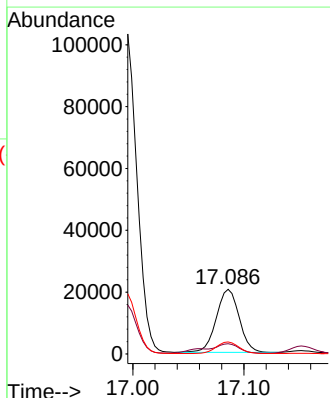
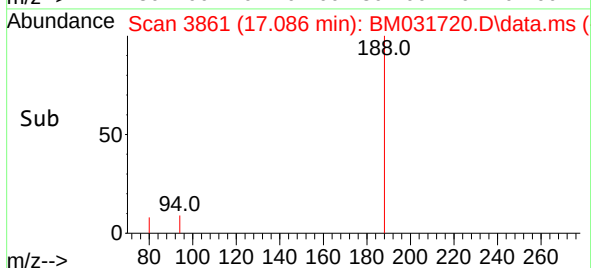
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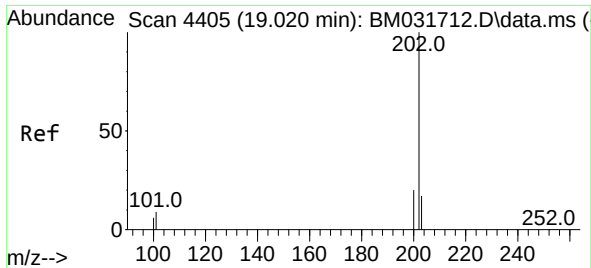


#16
Anthracene
Concen: 2.179 ng/ul
RT: 17.086 min Scan# 3861
Delta R.T. -0.010 min
Lab File: BM031720.D
Acq: 13 Aug 2021 18:21



Tgt Ion:178 Resp: 29037
Ion Ratio Lower Upper
178 100
179 15.8 13.0 19.6
176 18.5 15.6 23.4





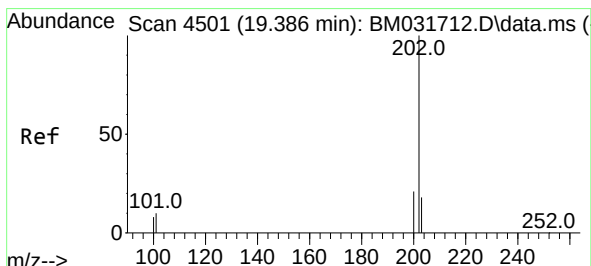
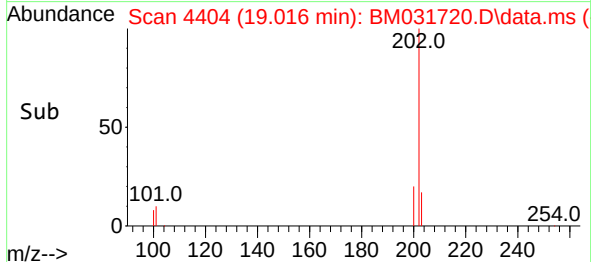
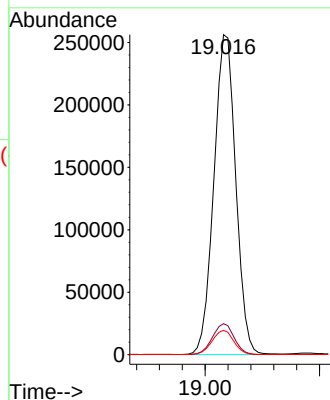
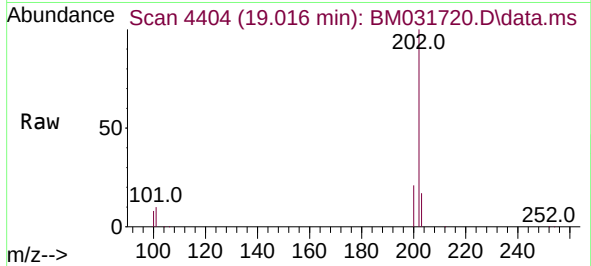
#19
Fluoranthene
Concen: 20.377 ng/ul
RT: 19.016 min Scan# 4404
Delta R.T. -0.011 min
Lab File: BM031720.D
Acq: 13 Aug 2021 18:21

Tgt Ion:202 Resp: 339696
Ion Ratio Lower Upper
202 100
101 9.7 6.6 10.0
100 7.6 5.4 8.0

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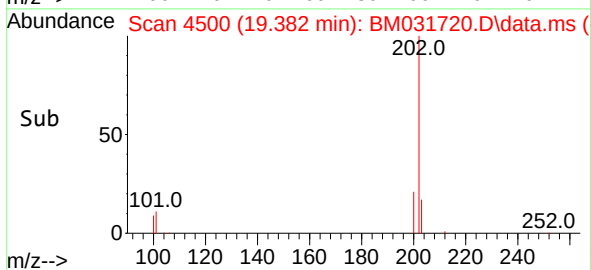
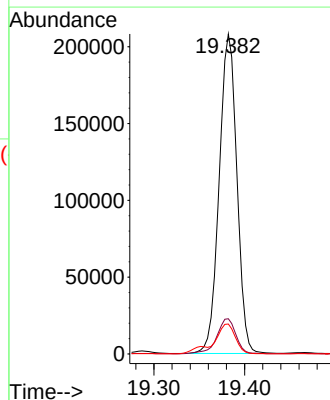
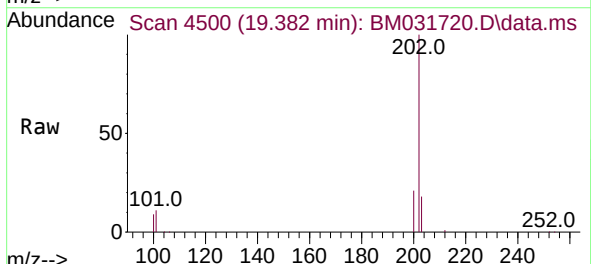
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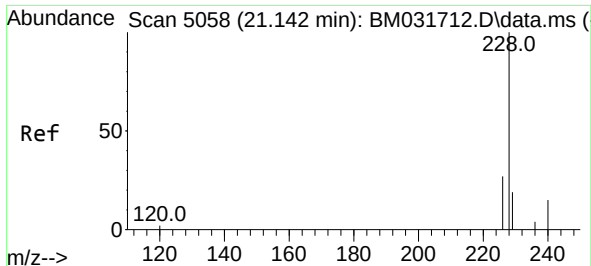
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#20
Pyrene
Concen: 16.713 ng/ul
RT: 19.382 min Scan# 4500
Delta R.T. -0.007 min
Lab File: BM031720.D
Acq: 13 Aug 2021 18:21

Tgt Ion:202 Resp: 282588
Ion Ratio Lower Upper
202 100
101 11.0 7.8 11.6
100 9.3 6.6 10.0





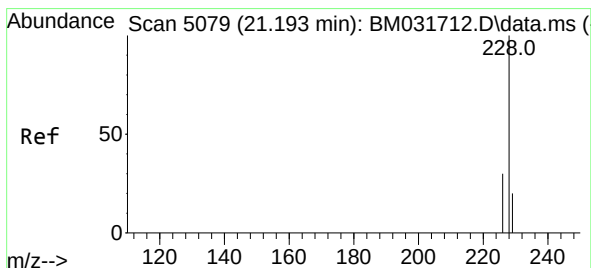
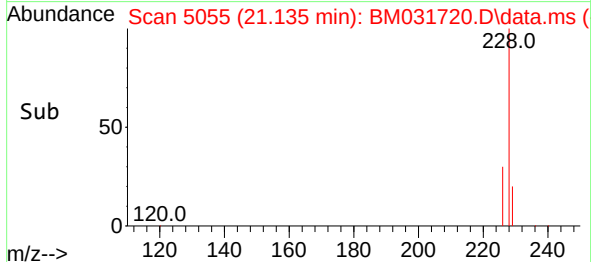
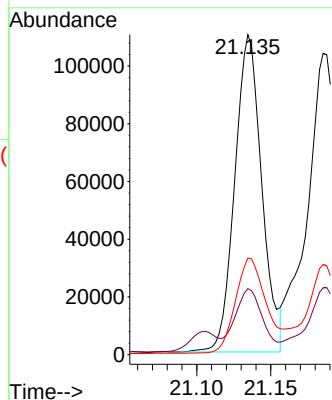
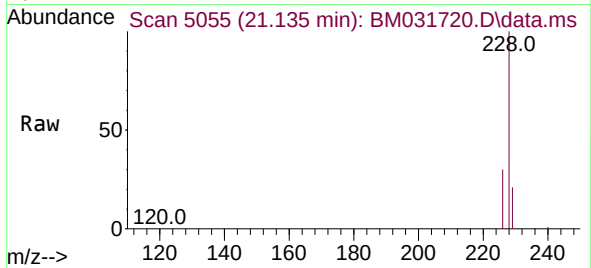
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Benzo(a)anthracene
Concen: 8.837 ng/uI
RT: 21.135 min Scan# 5055
Delta R.T. -0.009 min
Lab File: BM031720.D
Acq: 13 Aug 2021 18:21

Tgt Ion:228 Resp: 139306
Ion Ratio Lower Upper
228 100
229 20.6 15.6 23.4
226 30.2 21.7 32.5

Instrument :
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C00E4

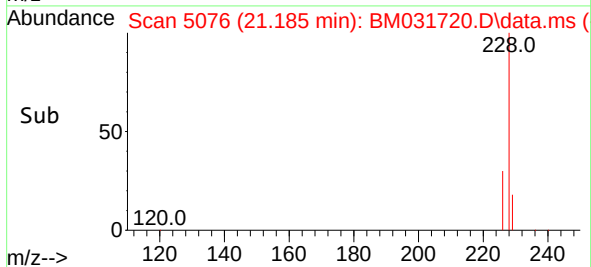
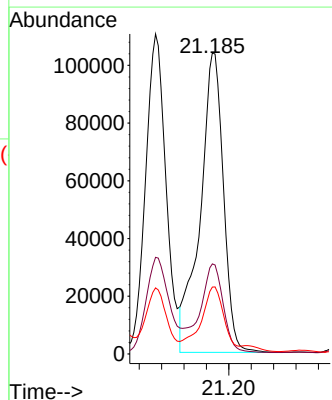
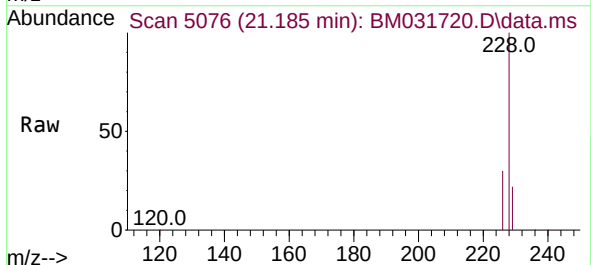
Manual Integrations
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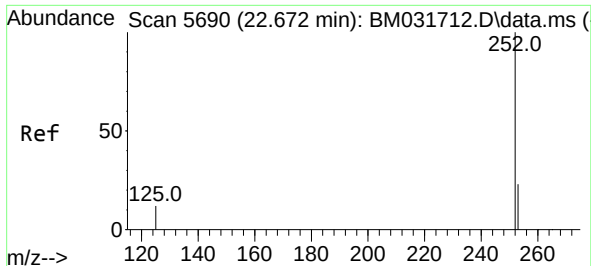
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#22
Chrysene
Concen: 9.221 ng/uI
RT: 21.185 min Scan# 5076
Delta R.T. -0.009 min
Lab File: BM031720.D
Acq: 13 Aug 2021 18:21

Tgt Ion:228 Resp: 150399
Ion Ratio Lower Upper
228 100
226 29.9 24.7 37.1
229 22.2 16.2 24.2





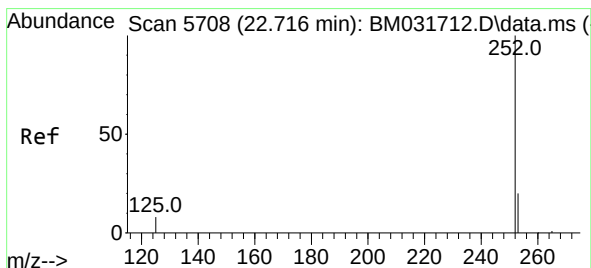
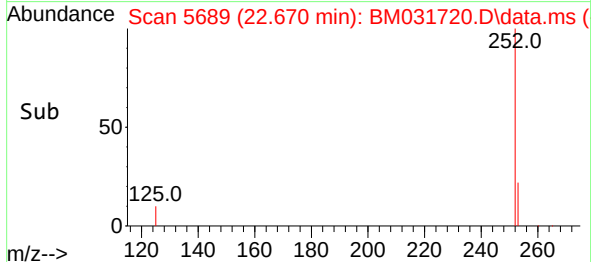
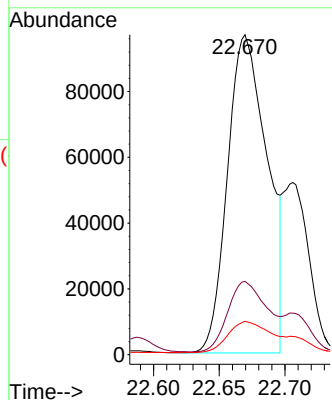
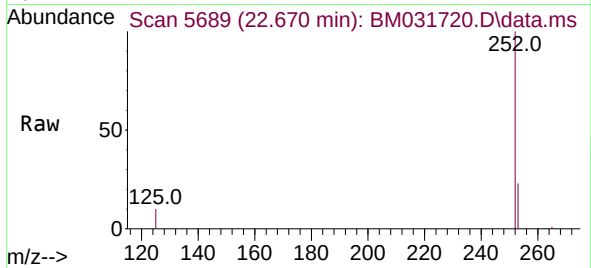
#24
Benzo(b)fluoranthene
Concen: 11.679 ng/ul m
RT: 22.670 min Scan# 5689
Delta R.T. -0.007 min
Lab File: BM031720.D
Acq: 13 Aug 2021 18:21

Tgt Ion:252 Resp: 203272
Ion Ratio Lower Upper
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253 22.9 0.0 53.0
125 10.4 0.0 22.8

Instrument :
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ClientSampled :
C00E4

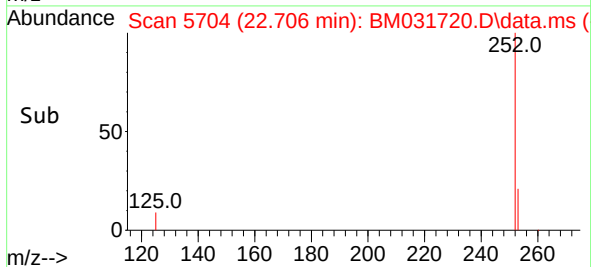
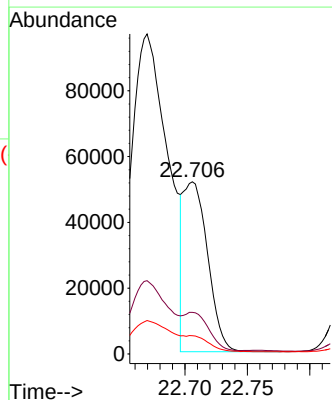
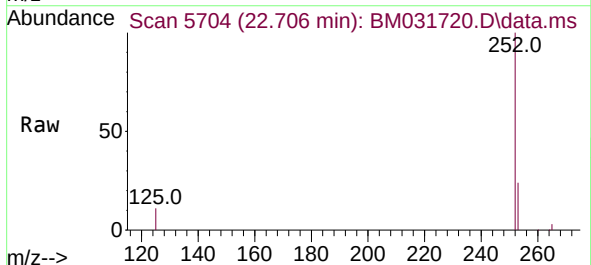
Manual Integrations
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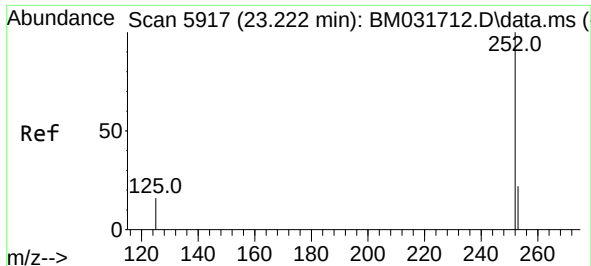
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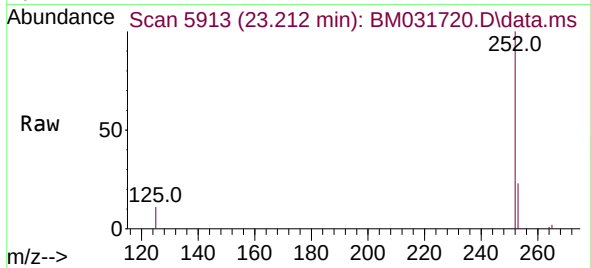
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Benzo(k)fluoranthene
Concen: 3.902 ng/ul m
RT: 22.706 min Scan# 5704
Delta R.T. -0.014 min
Lab File: BM031720.D
Acq: 13 Aug 2021 18:21

Tgt Ion:252 Resp: 70174
Ion Ratio Lower Upper
252 100
253 24.2 21.3 31.9
125 10.6 8.8 13.2

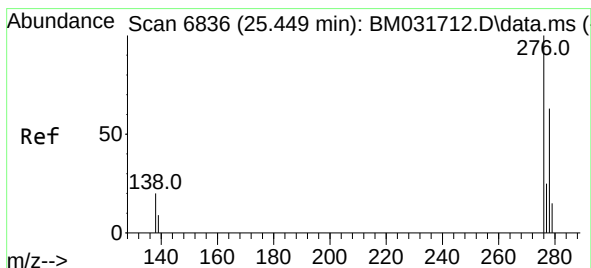
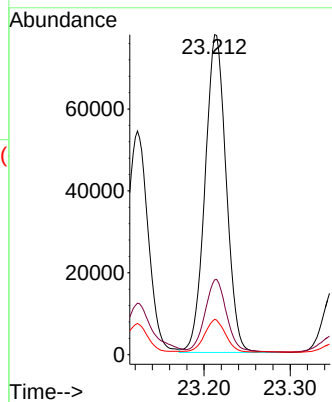
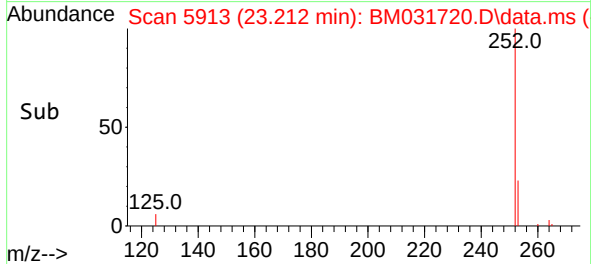




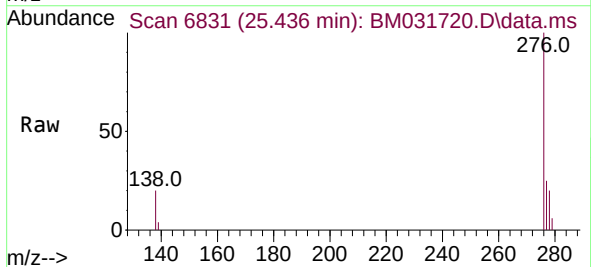
#26
Benzo(a)pyrene
Concen: 8.653 ng/ul m
RT: 23.212 min Scan# 5913
Delta R.T. -0.014 min
Lab File: BM031720.D
Acq: 13 Aug 2021 18:21



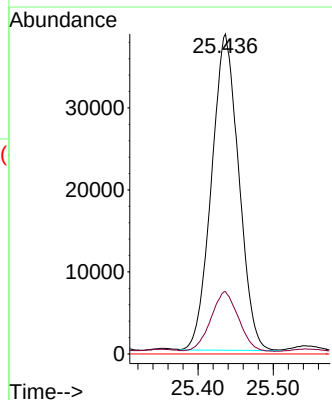
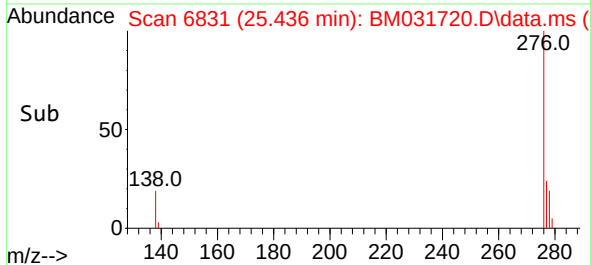
Tgt Ion:252 Resp: 131887
Ion Ratio Lower Upper
252 100
253 23.4 22.4 33.6
125 11.0 13.0 19.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 4.927 ng/ul
RT: 25.436 min Scan# 6831
Delta R.T. -0.024 min
Lab File: BM031720.D
Acq: 13 Aug 2021 18:21



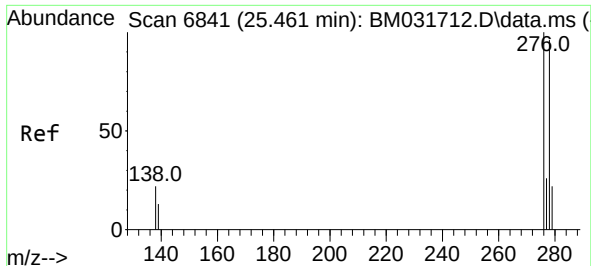
Tgt Ion:276 Resp: 97090
Ion Ratio Lower Upper
276 100
138 19.2 15.8 23.8
227 0.0 0.0 0.0



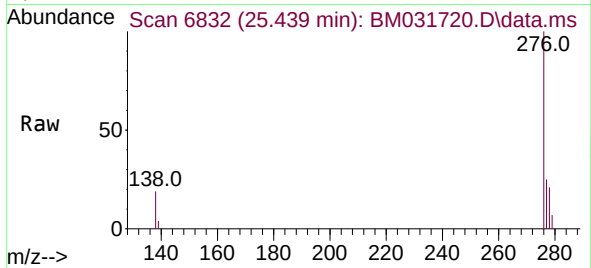
Instrument :
BNA_M
ClientSampled :
C00E4

Manual Integrations
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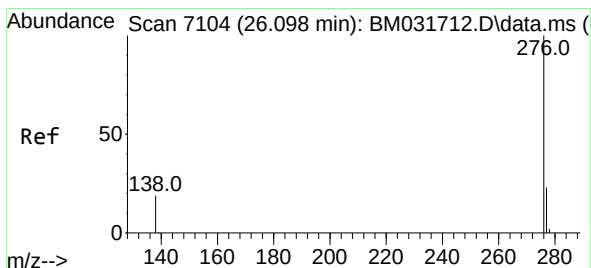
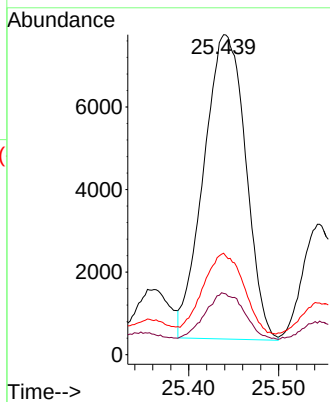
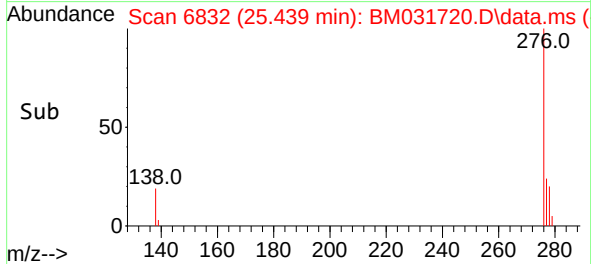
mohammad
8/16/2021 8:40:12 AM



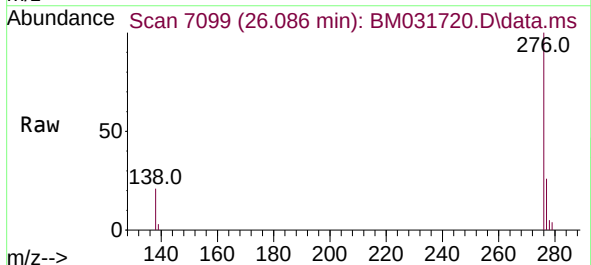
#28
Dibenzo(a,h)anthracene
Concen: 1.506 ng/ul
RT: 25.439 min Scan# 6832
Delta R.T. -0.034 min
Lab File: BM031720.D
Acq: 13 Aug 2021 18:21



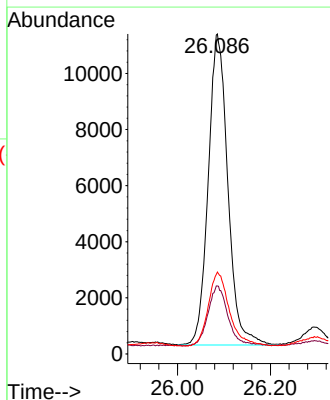
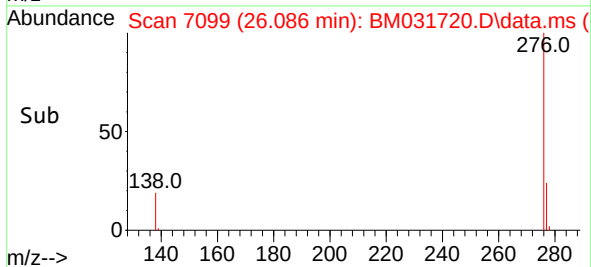
Tgt Ion: 278 Resp: 23920
Ion Ratio Lower Upper
278 100
139 19.2 13.3 19.9
279 31.7 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 1.928 ng/ul
RT: 26.086 min Scan# 7099
Delta R.T. -0.022 min
Lab File: BM031720.D
Acq: 13 Aug 2021 18:21



Tgt Ion: 276 Resp: 32407
Ion Ratio Lower Upper
276 100
138 21.3 15.4 23.2
277 25.6 19.9 29.9



Instrument :
BNA_M
ClientSampled :
C00E4

Manual Integrations
APPROVED

mohammad
8/16/2021 8:40:12 AM