

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
 Data File : BM031522.D
 Acq On : 06 Aug 2021 19:05
 Operator : CG/JU
 Sample : M3124-12
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0093

Manual Integrations
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Quant Time: Aug 07 03:08:32 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 : Sat Aug 07 03:01:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	1094	0.400	ng/ul	0.00
4) Naphthalene-d8	10.347	136	4100	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.216	164	2595	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.964	188	4852	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.161	240	4525	0.400	ng/ul	# 0.00
23) Perylene-d12	23.317	264	4858	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	6989	5.752	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.939	152	2683	0.388	ng/ul	0.00
18) Fluoranthene-d10	18.997	212	6138	0.406	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.392	128	8212	0.672	ng/ul	99
7) 2-Methylnaphthalene	12.016	142	6558	0.786	ng/ul	100
8) 1-Methylnaphthalene	12.236	142	3908	0.474	ng/ul	100
10) Acenaphthylene	13.936	152	44042	3.985	ng/ul	98
11) Acenaphthene	14.281	153	2278	0.245	ng/ul	99
12) Fluorene	15.270	166	5904	0.552	ng/ul#	96
14) Pentachlorophenol	16.624	266	44	0.028	ng/ul#	83
15) Phenanthrene	17.009	178	161852	10.505	ng/ul	97
16) Anthracene	17.100	178	80344	5.570	ng/ul	98
19) Fluoranthene	19.031	202	1038212	53.732	ng/ul	97
20) Pyrene	19.394	202	847596	43.249	ng/ul	97
21) Benzo(a)anthracene	21.144	228	499135	27.317	ng/ul	98
22) Chrysene	21.195	228	444724	23.524	ng/ul	98
24) Benzo(b)fluoranthene	22.679	252	613977m	28.051	ng/ul	
25) Benzo(k)fluoranthene	22.718	252	218631m	9.668	ng/ul	
26) Benzo(a)pyrene	23.227	252	389456m	20.317	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.451	276	256241	10.341	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.456	278	64785	3.244	ng/ul	97
29) Benzo(g,h,i)perylene	26.105	276	205182	9.707	ng/ul	98

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

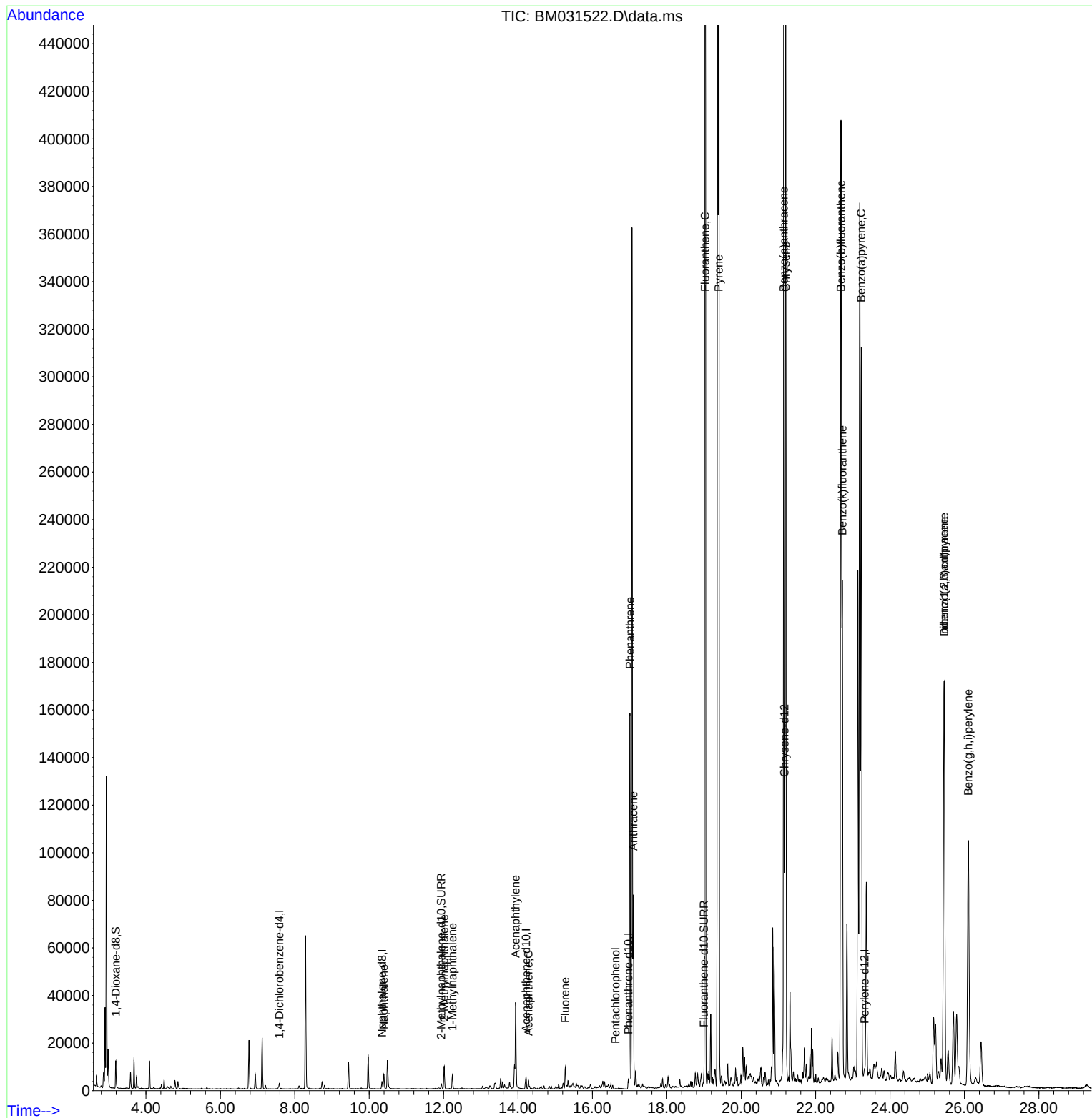
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
Data File : BM031522.D
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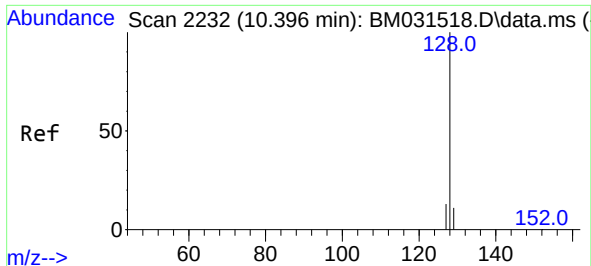
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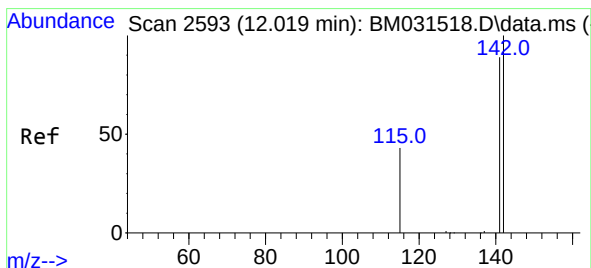
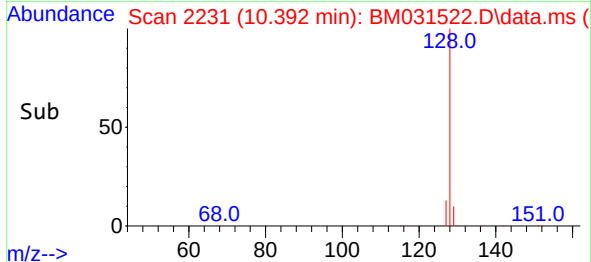
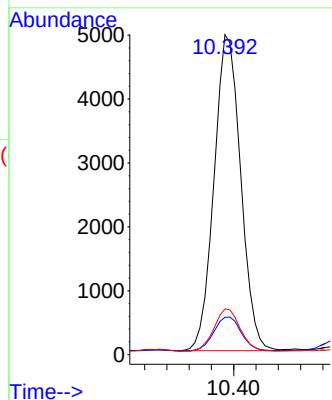
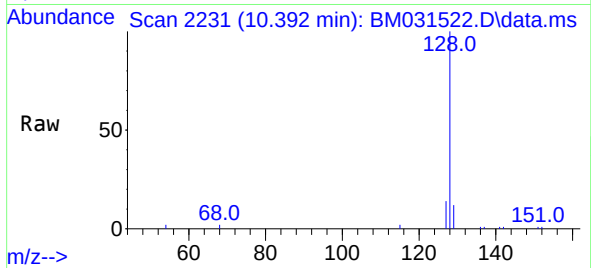
#5
Naphthalene
Concen: 0.672 ng/ul
RT: 10.392 min Scan# 2231
Delta R.T. -0.004 min
Lab File: BM031522.D
Acq: 06 Aug 2021 19:05

Tgt Ion:	128	Resp:	8212
Ion Ratio	Lower	Upper	
128	100		
129	11.7	10.0	15.0
127	14.3	11.6	17.4

Instrument :
BNA_M
ClientSampled :
C0093

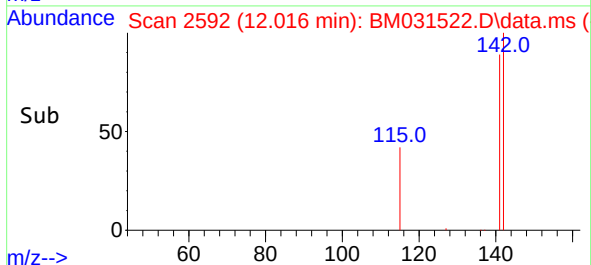
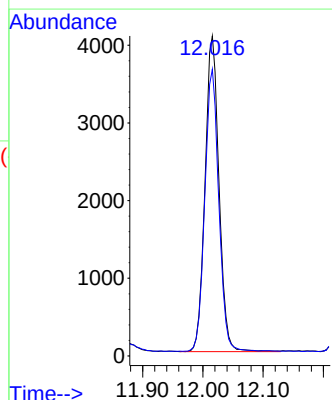
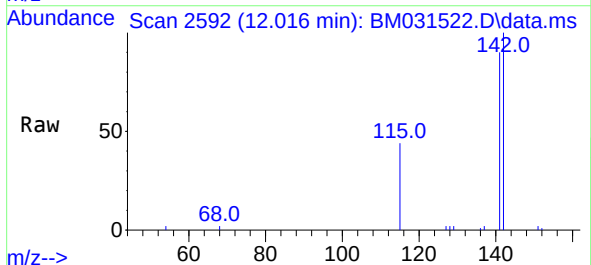
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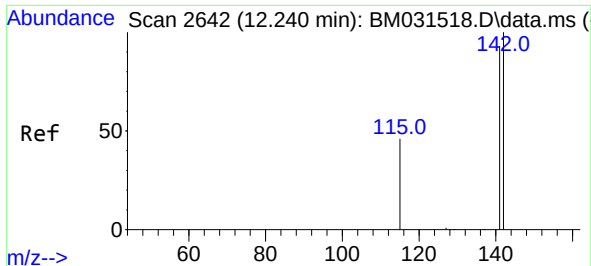
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#7
2-Methylnaphthalene
Concen: 0.786 ng/ul
RT: 12.016 min Scan# 2592
Delta R.T. -0.004 min
Lab File: BM031522.D
Acq: 06 Aug 2021 19:05

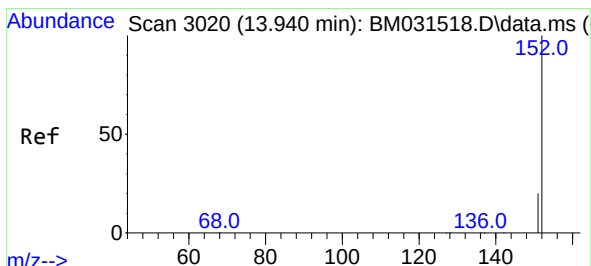
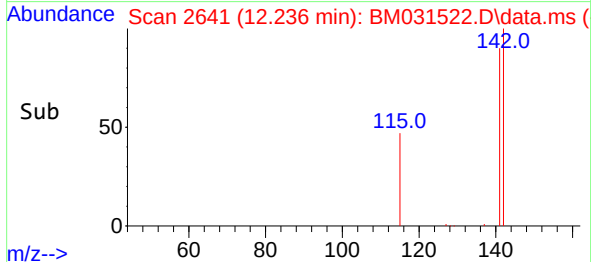
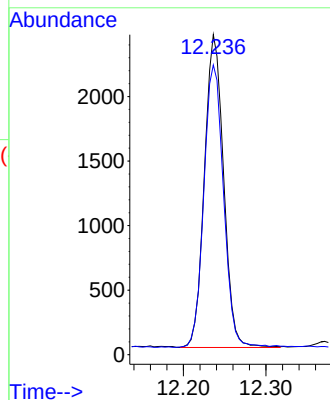
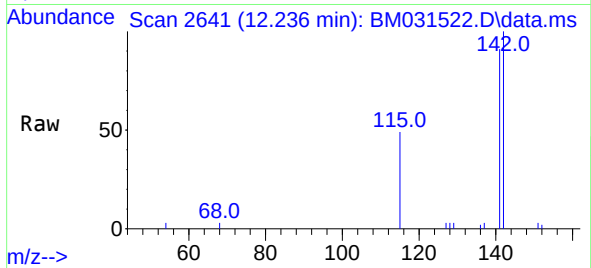
Tgt Ion:	142	Resp:	6558
Ion Ratio	Lower	Upper	
142	100		
141	89.4	71.4	107.0





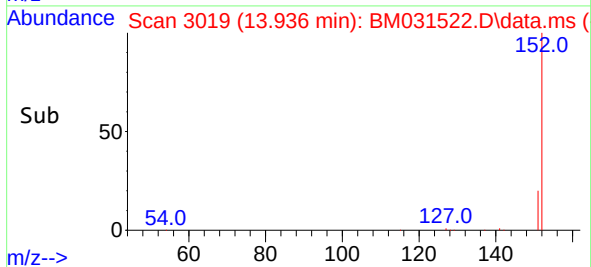
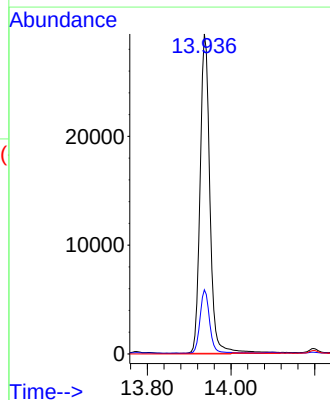
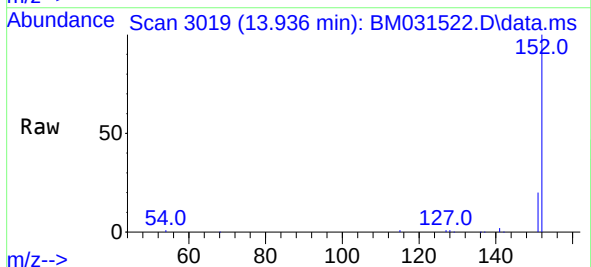
#8
1-Methylnaphthalene
Concen: 0.474 ng/ul
RT: 12.236 min Scan# 2641
Delta R.T. -0.004 min
Lab File: BM031522.D
Acq: 06 Aug 2021 19:05

Tgt Ion:142 Resp: 3908
Ion Ratio Lower Upper
142 100
141 92.5 74.1 111.1



#10
Acenaphthylene
Concen: 3.985 ng/ul
RT: 13.936 min Scan# 3019
Delta R.T. -0.004 min
Lab File: BM031522.D
Acq: 06 Aug 2021 19:05

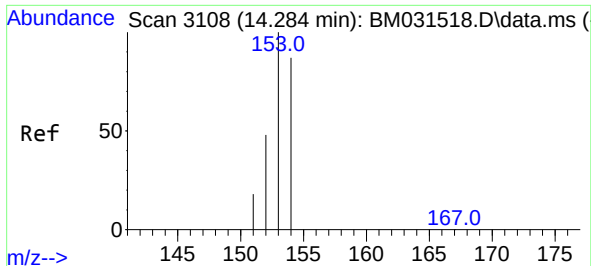
Tgt Ion:152 Resp: 44042
Ion Ratio Lower Upper
152 100
151 20.0 16.9 25.3
153 0.0 0.0 0.0



Instrument :
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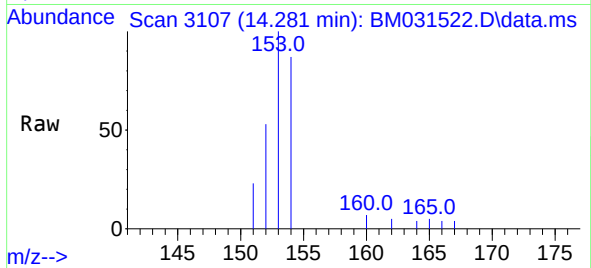
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#11
Acenaphthene
Concen: 0.245 ng/ul
RT: 14.281 min Scan# 3107
Delta R.T. -0.004 min
Lab File: BM031522.D
Acq: 06 Aug 2021 19:05

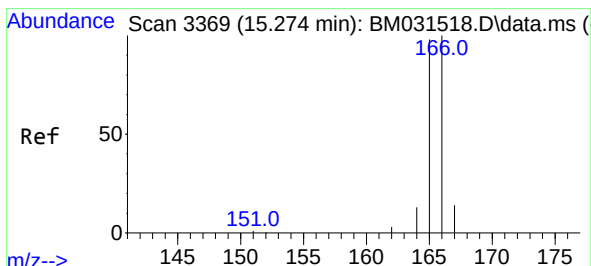
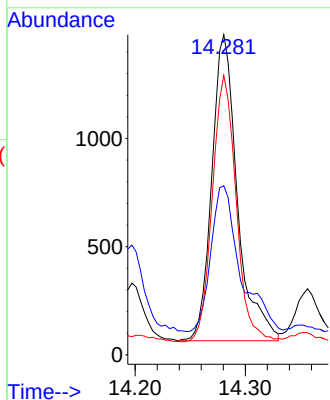
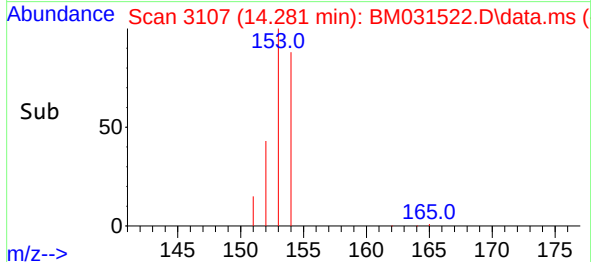
Instrument :
BNA_M
ClientSampled :
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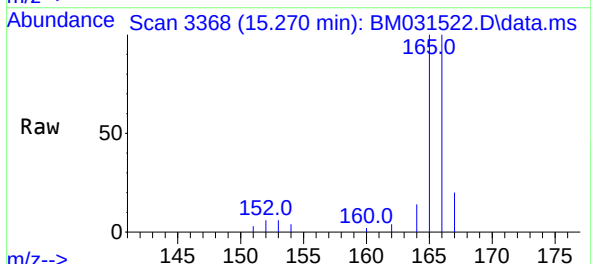
Tgt Ion:153 Resp: 2278
Ion Ratio Lower Upper
153 100
152 52.8 40.7 61.1
154 87.3 70.2 105.2

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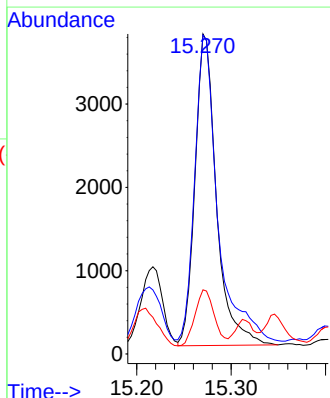
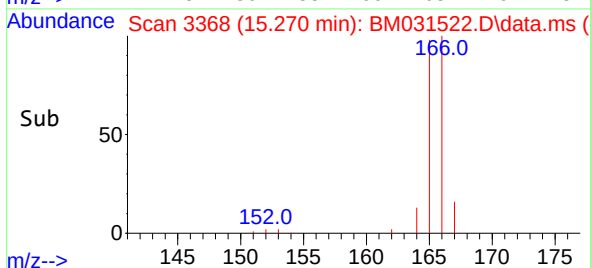
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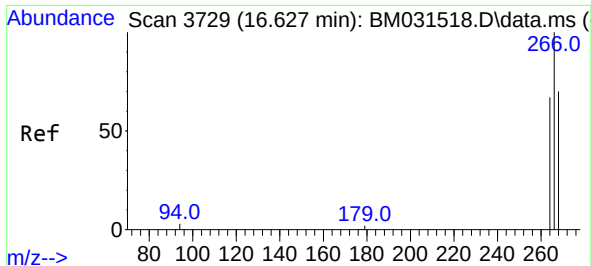


#12
Fluorene
Concen: 0.552 ng/ul
RT: 15.270 min Scan# 3368
Delta R.T. -0.004 min
Lab File: BM031522.D
Acq: 06 Aug 2021 19:05



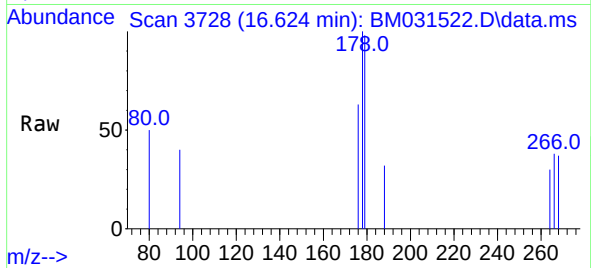
Tgt Ion:166 Resp: 5904
Ion Ratio Lower Upper
166 100
165 99.7 78.0 117.0
167 20.1 12.0 18.0#





#14
 Pentachlorophenol
 Concen: 0.028 ng/ul
 RT: 16.624 min Scan# 3728
 Delta R.T. -0.003 min
 Lab File: BM031522.D
 Acq: 06 Aug 2021 19:05

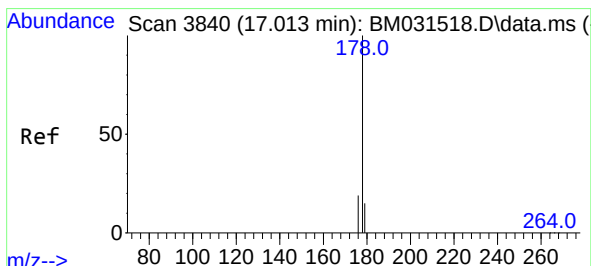
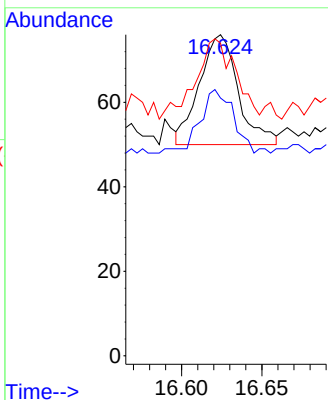
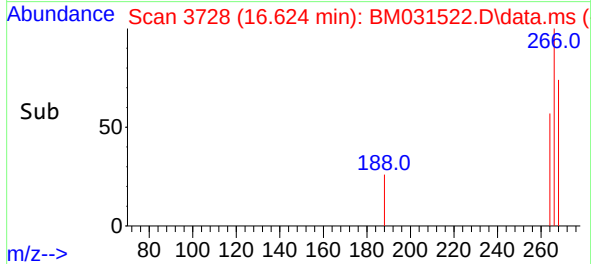
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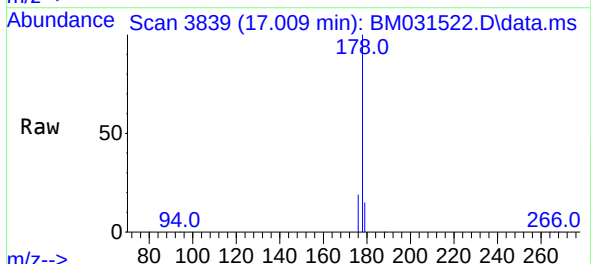
Tgt Ion:266 Resp: 44
 Ion Ratio Lower Upper
 266 100
 264 47.7 50.1 75.1#
 268 75.0 51.3 76.9

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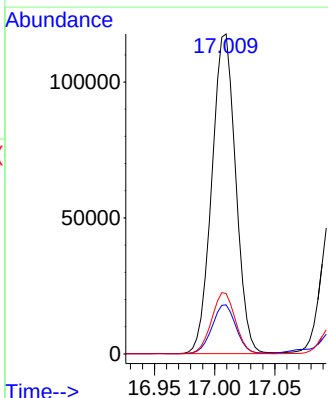
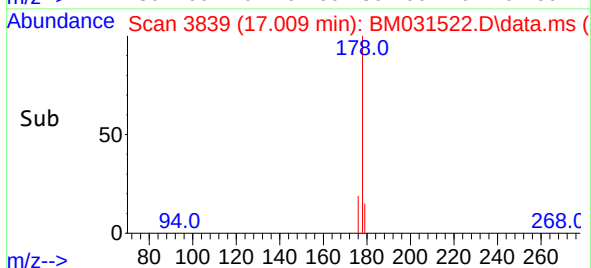
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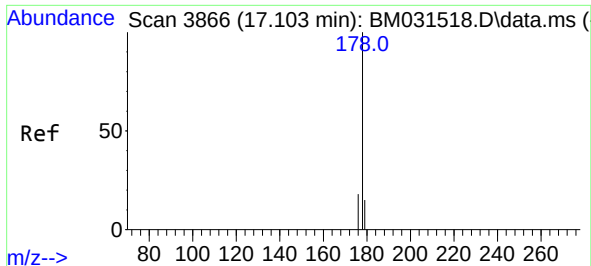


#15
 Phenanthrene
 Concen: 10.505 ng/ul
 RT: 17.009 min Scan# 3839
 Delta R.T. -0.003 min
 Lab File: BM031522.D
 Acq: 06 Aug 2021 19:05

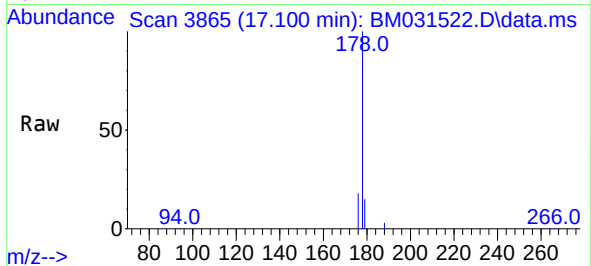


Tgt Ion:178 Resp: 161852
 Ion Ratio Lower Upper
 178 100
 179 15.4 13.3 19.9
 176 18.9 16.2 24.4

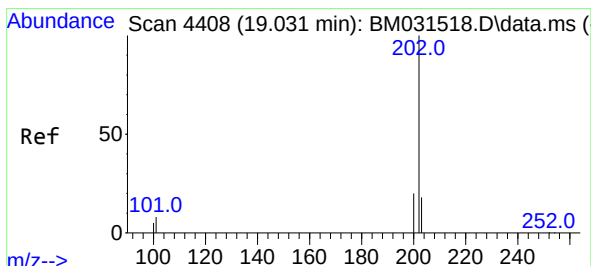
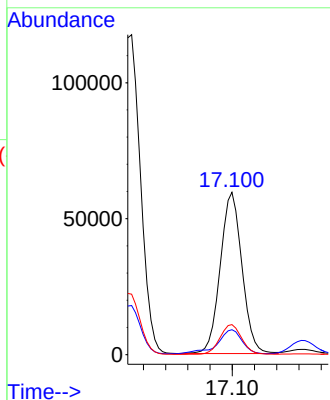
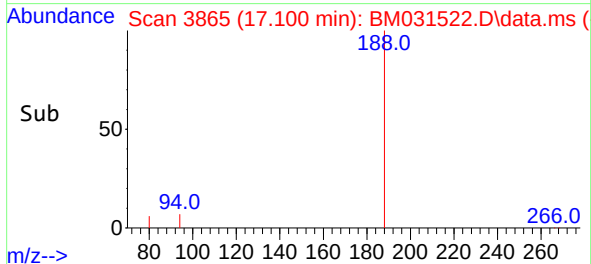




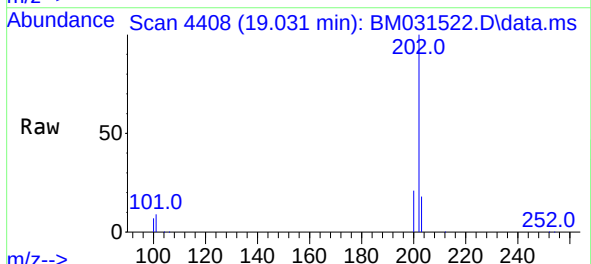
#16
 Anthracene
 Concen: 5.570 ng/u1
 RT: 17.100 min Scan# 3865
 Delta R.T. -0.003 min
 Lab File: BM031522.D
 Acq: 06 Aug 2021 19:05



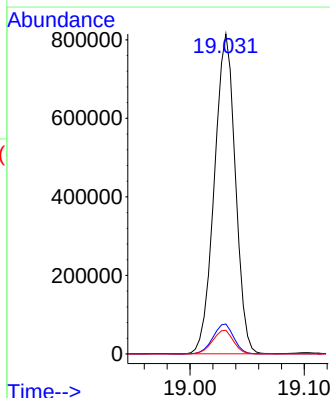
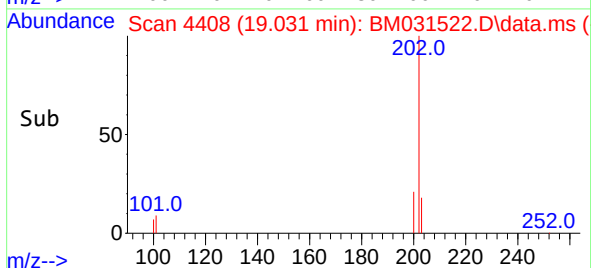
Tgt Ion:178 Resp: 80344
 Ion Ratio Lower Upper
 178 100
 179 15.4 13.0 19.6
 176 18.5 15.6 23.4



#19
 Fluoranthene
 Concen: 53.732 ng/u1
 RT: 19.031 min Scan# 4408
 Delta R.T. 0.000 min
 Lab File: BM031522.D
 Acq: 06 Aug 2021 19:05



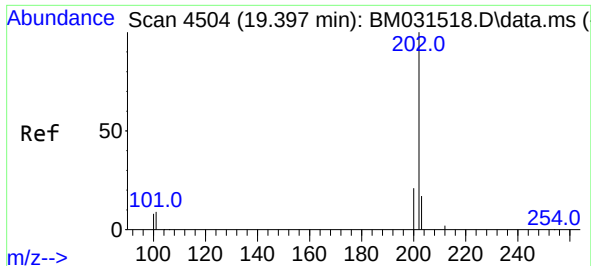
Tgt Ion:202 Resp: 1038212
 Ion Ratio Lower Upper
 202 100
 101 9.4 6.6 10.0
 100 7.4 5.4 8.0



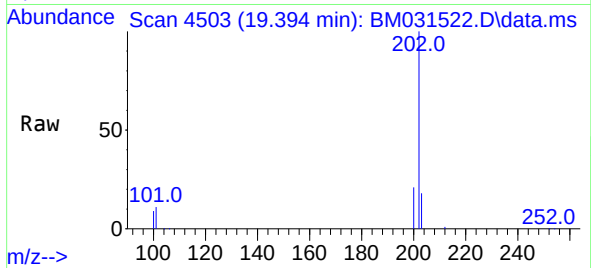
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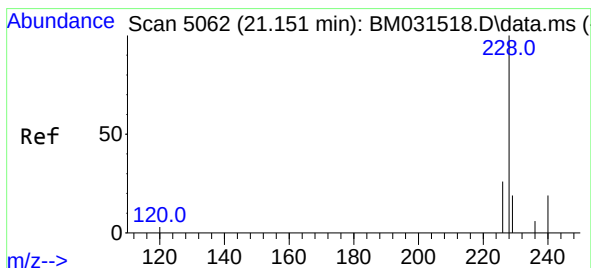
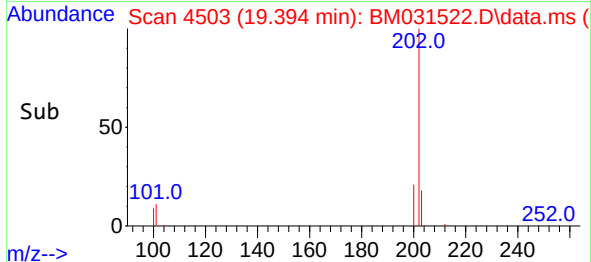
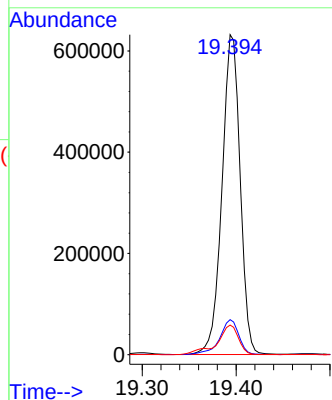
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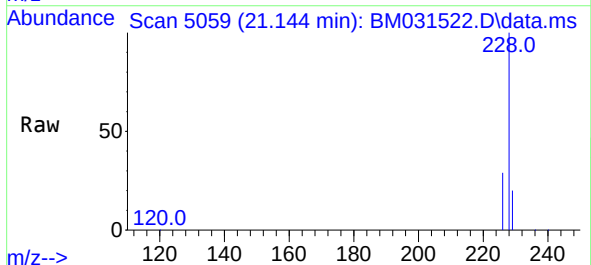
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Pyrene
Concen: 43.249 ng/ul
RT: 19.394 min Scan# 4503
Delta R.T. -0.004 min
Lab File: BM031522.D
Acq: 06 Aug 2021 19:05



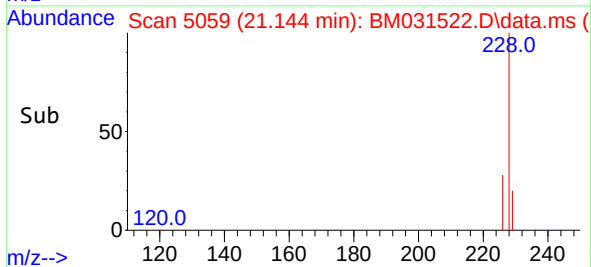
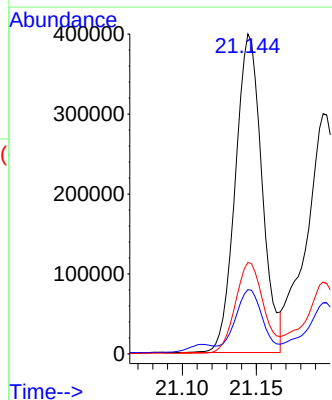
Tgt Ion:202 Resp: 847596
Ion Ratio Lower Upper
202 100
101 10.9 7.8 11.6
100 9.3 6.6 10.0



#21
Benzo(a)anthracene
Concen: 27.317 ng/ul
RT: 21.144 min Scan# 5059
Delta R.T. -0.007 min
Lab File: BM031522.D
Acq: 06 Aug 2021 19:05



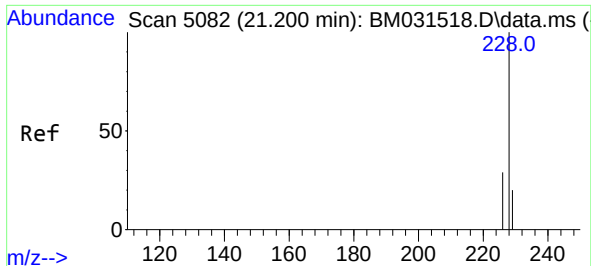
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Ion Ratio Lower Upper
228 100
229 20.1 15.6 23.4
226 28.6 21.7 32.5



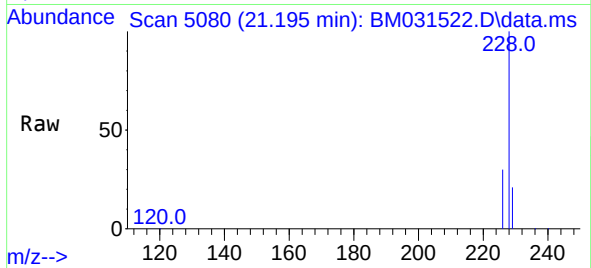
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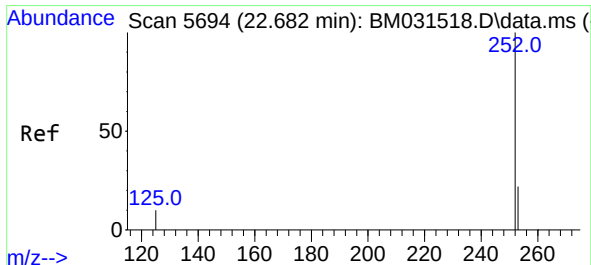
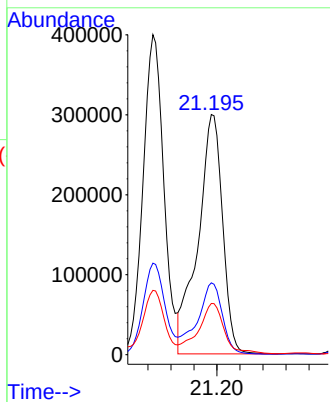
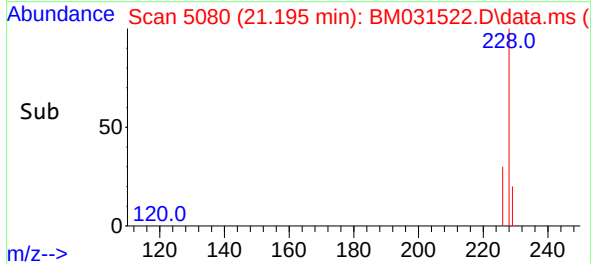
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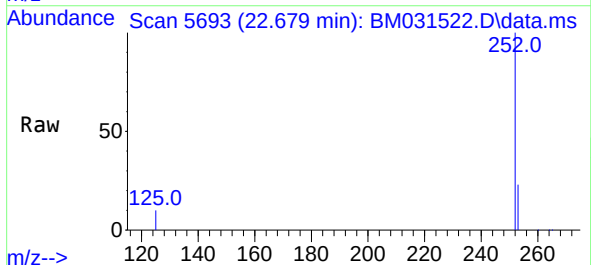
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Chrysene
Concen: 23.524 ng/ul
RT: 21.195 min Scan# 5080
Delta R.T. -0.005 min
Lab File: BM031522.D
Acq: 06 Aug 2021 19:05



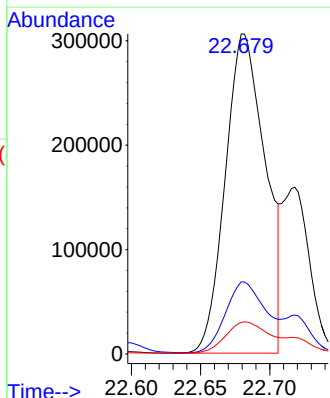
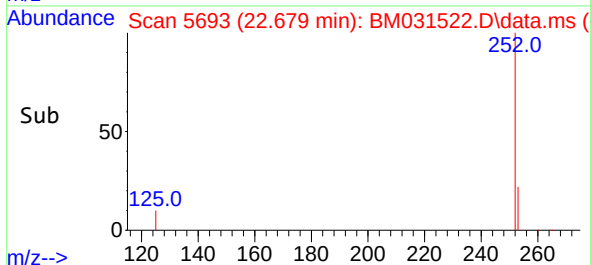
Tgt Ion:228 Resp: 444724
Ion Ratio Lower Upper
228 100
226 29.9 24.7 37.1
229 21.3 16.2 24.2



#24
Benzo(b)fluoranthene
Concen: 28.051 ng/ul m
RT: 22.679 min Scan# 5693
Delta R.T. -0.002 min
Lab File: BM031522.D
Acq: 06 Aug 2021 19:05



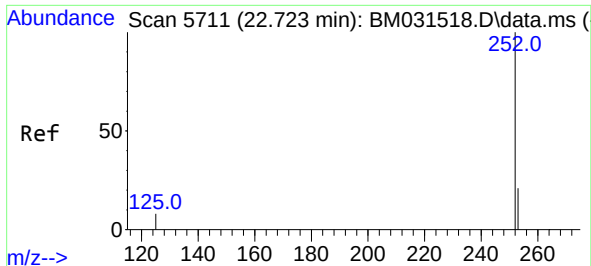
Tgt Ion:252 Resp: 613977
Ion Ratio Lower Upper
252 100
253 22.6 0.0 53.0
125 9.9 0.0 22.8



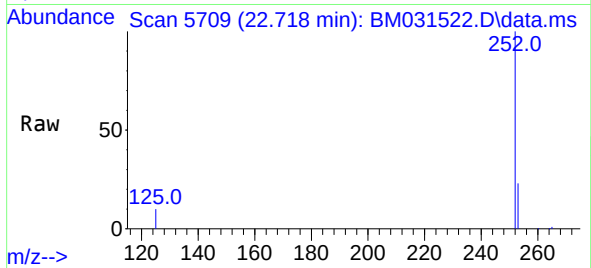
Instrument :
BNA_M
ClientSampled :
C0093

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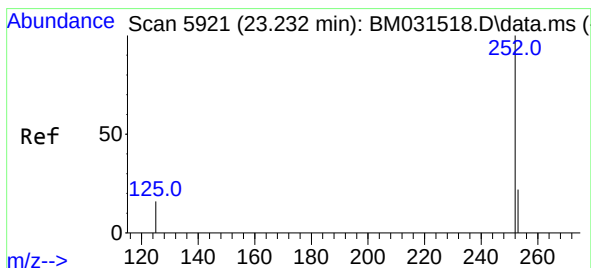
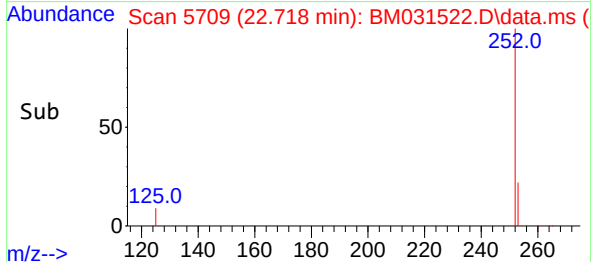
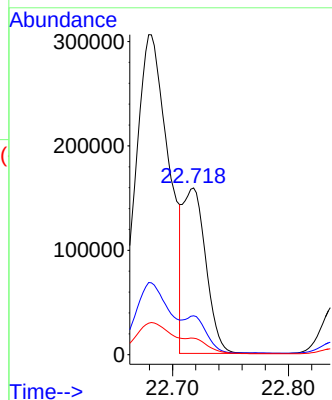
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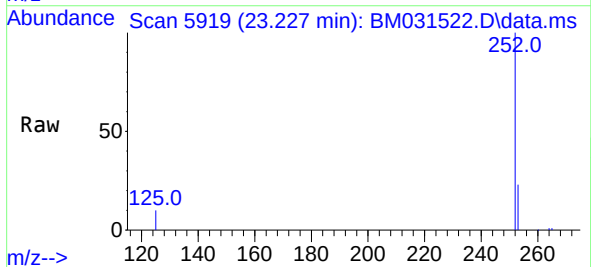
#25
Benzo(k)fluoranthene
Concen: 9.668 ng/ul m
RT: 22.718 min Scan# 5709
Delta R.T. -0.005 min
Lab File: BM031522.D
Acq: 06 Aug 2021 19:05



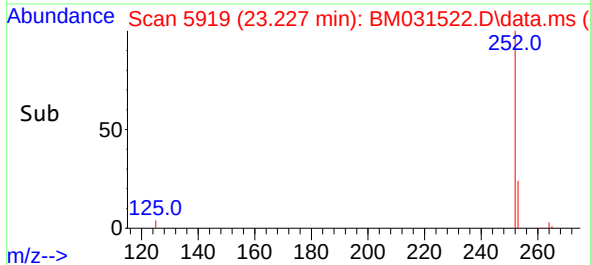
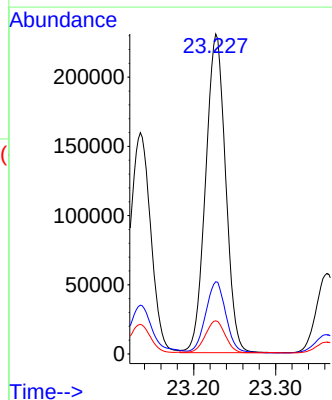
Tgt Ion:252 Resp: 218631
Ion Ratio Lower Upper
252 100
253 23.3 21.3 31.9
125 9.9 8.8 13.2



#26
Benzo(a)pyrene
Concen: 20.317 ng/ul m
RT: 23.227 min Scan# 5919
Delta R.T. -0.005 min
Lab File: BM031522.D
Acq: 06 Aug 2021 19:05



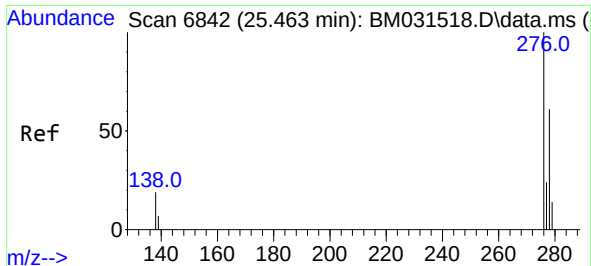
Tgt Ion:252 Resp: 389456
Ion Ratio Lower Upper
252 100
253 22.6 22.4 33.6
125 10.4 13.0 19.4#



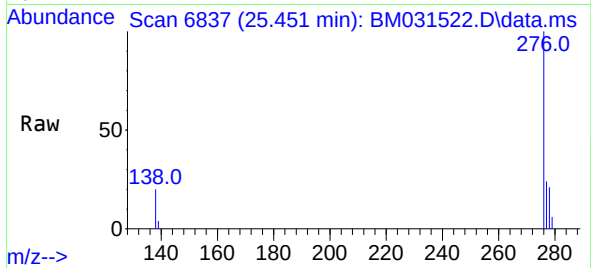
Instrument :
BNA_M
ClientSampled :
C0093

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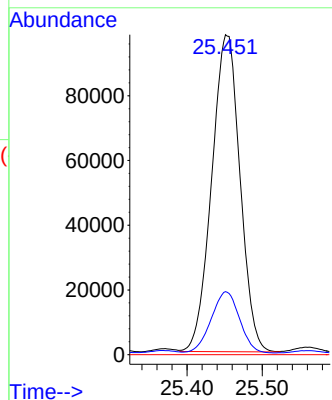
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#27
Indeno(1,2,3-cd)pyrene
Concen: 10.341 ng/ul
RT: 25.451 min Scan# 6837
Delta R.T. -0.012 min
Lab File: BM031522.D
Acq: 06 Aug 2021 19:05



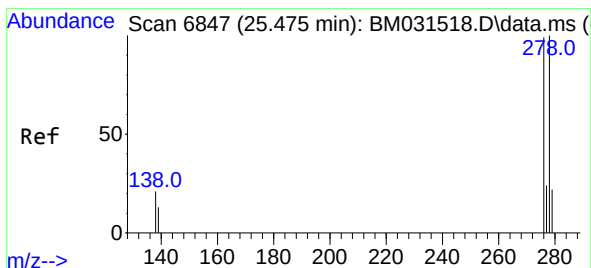
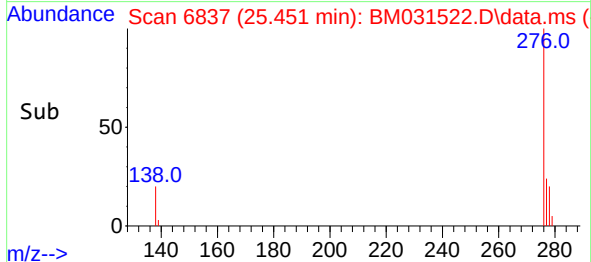
Tgt Ion: 276 Resp: 256241
Ion Ratio Lower Upper
276 100
138 19.6 15.8 23.8
227 0.0 0.0 0.0



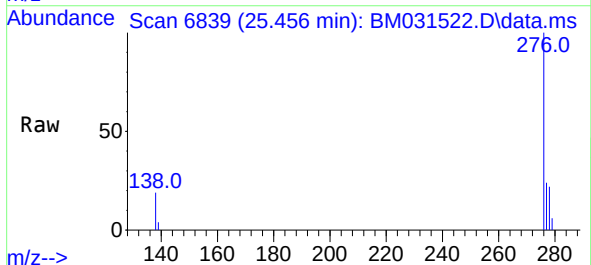
Instrument :
BNA_M
ClientSampled :
C0093

Manual Integrations
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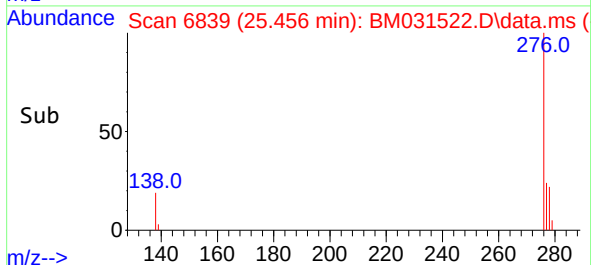
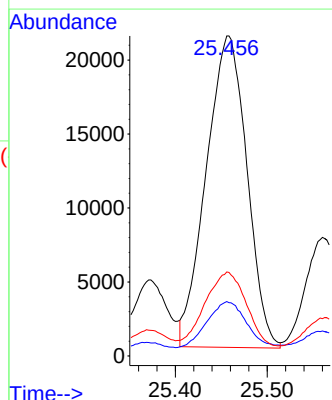
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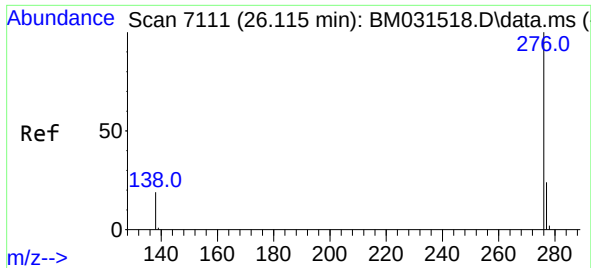


#28
Dibenzo(a,h)anthracene
Concen: 3.244 ng/ul
RT: 25.456 min Scan# 6839
Delta R.T. -0.019 min
Lab File: BM031522.D
Acq: 06 Aug 2021 19:05



Tgt Ion: 278 Resp: 64785
Ion Ratio Lower Upper
278 100
139 17.0 13.3 19.9
279 26.3 22.8 34.2





#29
Benzo(g,h,i)perylene
Concen: 9.707 ng/ul
RT: 26.105 min Scan# 7107
Delta R.T. -0.009 min
Lab File: BM031522.D
Acq: 06 Aug 2021 19:05

Tgt Ion:	276	Resp:	205182
Ion Ratio	Lower	Upper	
276	100		
138	19.9	15.4	23.2
277	24.0	19.9	29.9

Instrument :
BNA_M
ClientSampleId :
C0093

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