

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
 Data File : BM031701.D
 Acq On : 13 Aug 2021 06:31
 Operator : CG/JU
 Sample : M3182-14DL 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00D2DL

Manual Integrations
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Quant Time: Aug 13 07:05:08 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 : Fri Aug 13 05:12:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	1352	0.400	ng/ul	0.00
4) Naphthalene-d8	10.328	136	4858	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.201	164	2693	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.954	188	5116	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.150	240	4273	0.400	ng/ul	# 0.00
23) Perylene-d12	23.303	264	4211	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.186	96	909	0.605	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.920	152	345	0.042	ng/ul	-0.01
18) Fluoranthene-d10	18.985	212	719	0.050	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.378	128	11380	0.786	ng/ul	98
7) 2-Methylnaphthalene	11.997	142	7044	0.712	ng/ul	100
8) 1-Methylnaphthalene	12.222	142	3159	0.323	ng/ul	100
10) Acenaphthylene	13.922	152	1411	0.123	ng/ul#	90
11) Acenaphthene	14.295	153	247m	0.026	ng/ul	
12) Fluorene	15.258	166	247	0.022	ng/ul#	71
15) Phenanthrene	16.995	178	14205	0.874	ng/ul	99
16) Anthracene	17.085	178	1399	0.092	ng/ul#	90
19) Fluoranthene	19.019	202	11615	0.637	ng/ul	97
20) Pyrene	19.381	202	9789	0.529	ng/ul	96
21) Benzo(a)anthracene	21.135	228	5817m	0.337	ng/ul	
22) Chrysene	21.186	228	8393	0.470	ng/ul	97
24) Benzo(b)fluoranthene	22.666	252	9028m	0.476	ng/ul	
25) Benzo(k)fluoranthene	22.707	252	2666m	0.136	ng/ul	
26) Benzo(a)pyrene	23.211	252	4546	0.274	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	25.440	276	3528	0.164	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.440	278	977	0.056	ng/ul#	31
29) Benzo(g,h,i)perylene	26.094	276	640	0.035	ng/ul#	42

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

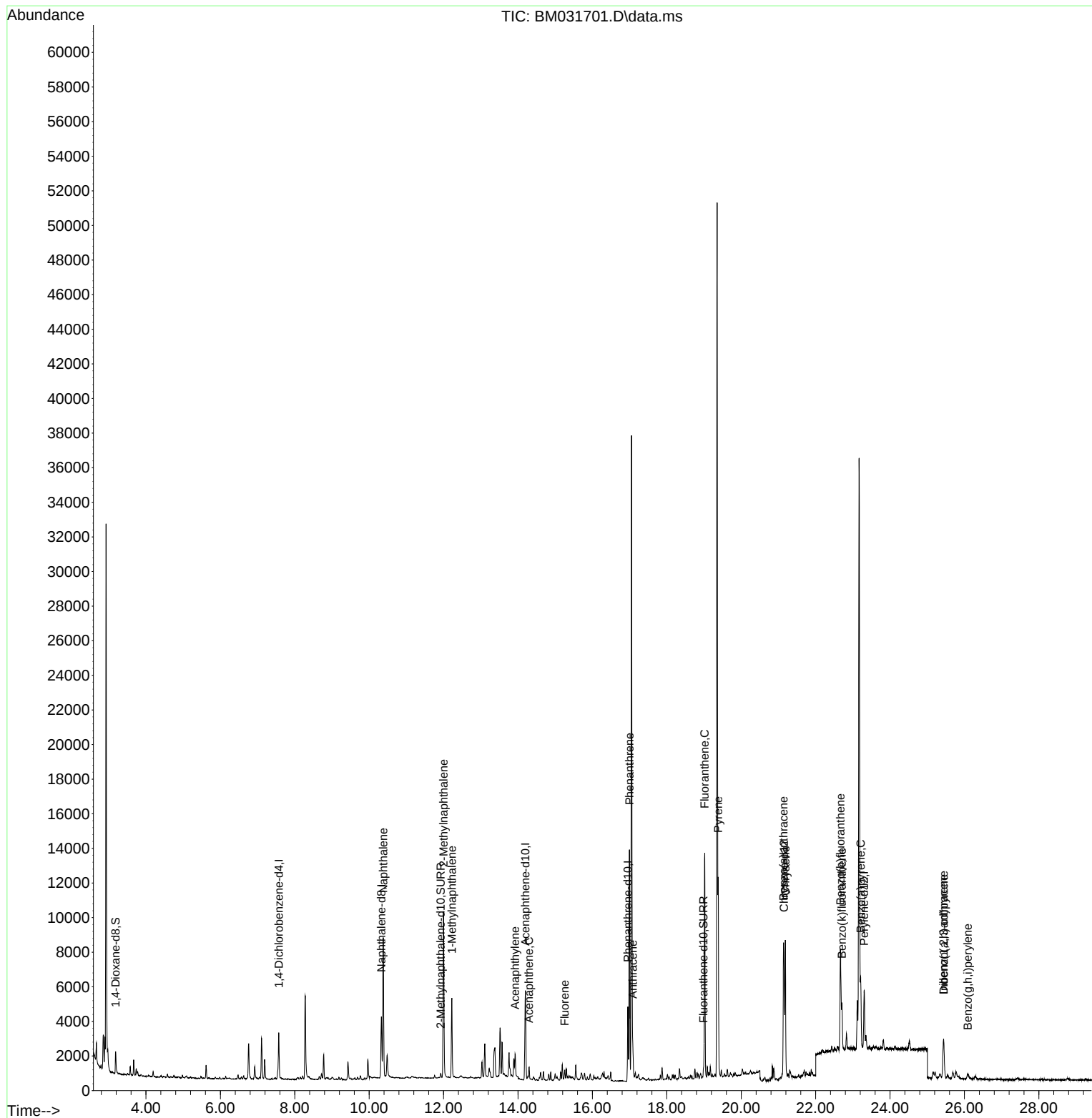
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
Data File : BM031701.D
Acq On : 13 Aug 2021 06:31
Operator : CG/JU
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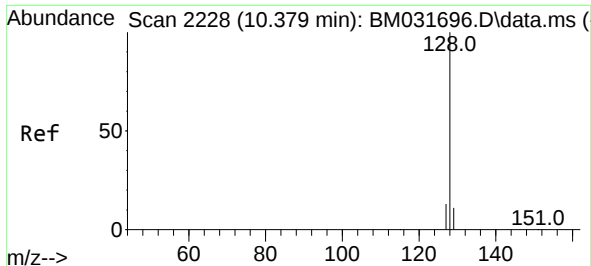
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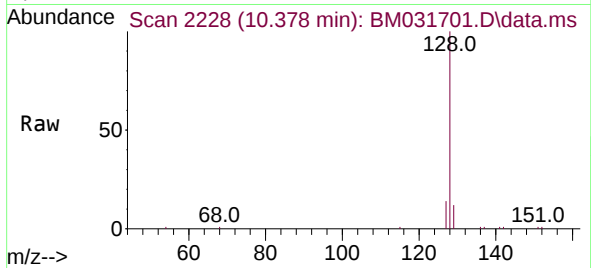
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Quant Time: Aug 13 07:05:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 13 05:12:04 2021
Response via : Initial Calibration

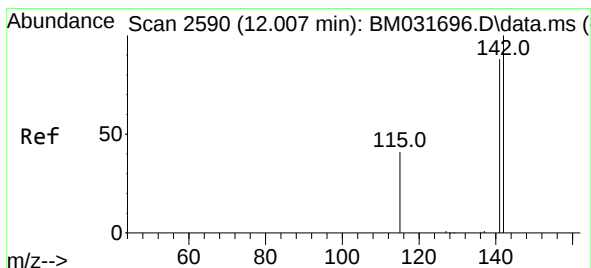
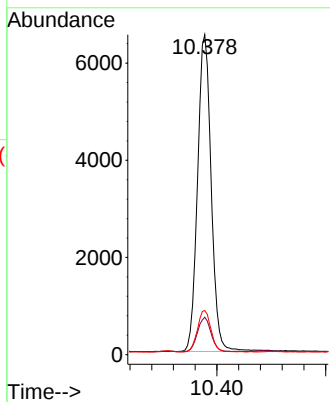
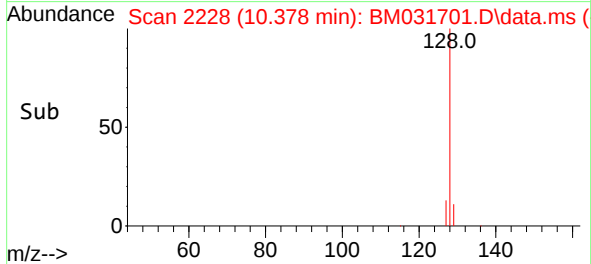




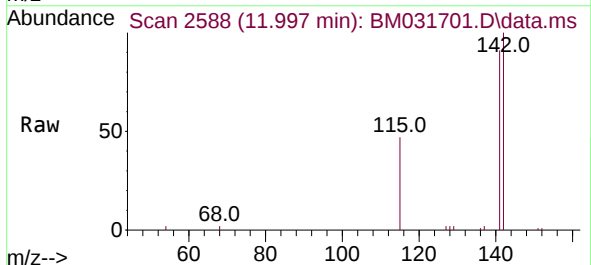
#5
Naphthalene
Concen: 0.786 ng/ul
RT: 10.378 min Scan# 2228
Delta R.T. -0.004 min
Lab File: BM031701.D
Acq: 13 Aug 2021 06:31



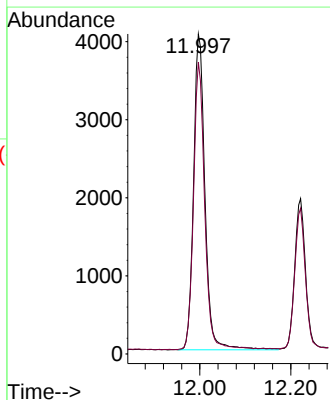
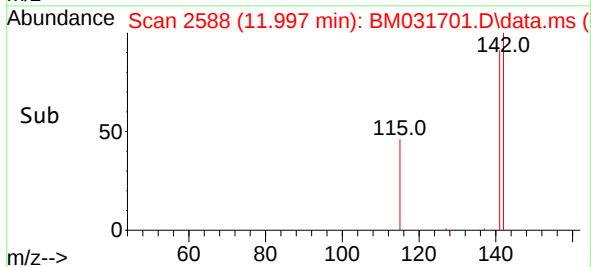
Tgt Ion:128 Resp: 11380
Ion Ratio Lower Upper
128 100
129 11.7 10.0 15.0
127 13.8 11.6 17.4



#7
2-Methylnaphthalene
Concen: 0.712 ng/ul
RT: 11.997 min Scan# 2588
Delta R.T. -0.009 min
Lab File: BM031701.D
Acq: 13 Aug 2021 06:31



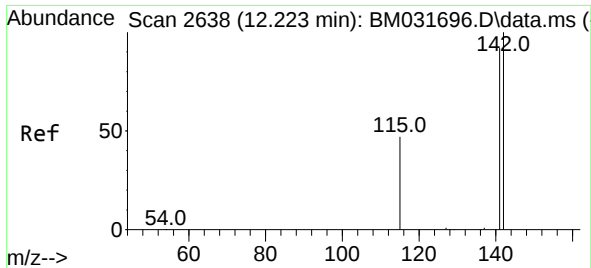
Tgt Ion:142 Resp: 7044
Ion Ratio Lower Upper
142 100
141 89.4 71.4 107.0



Instrument :
BNA_M
ClientSampled :
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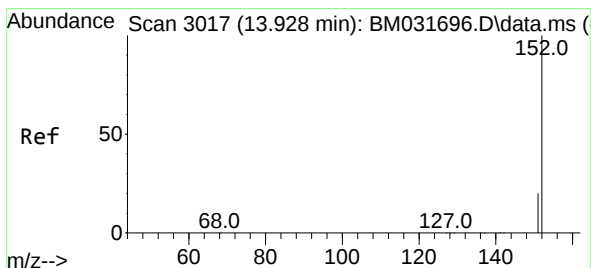
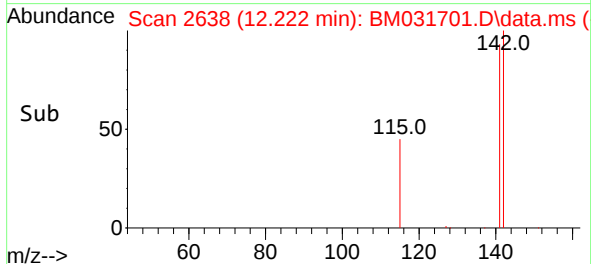
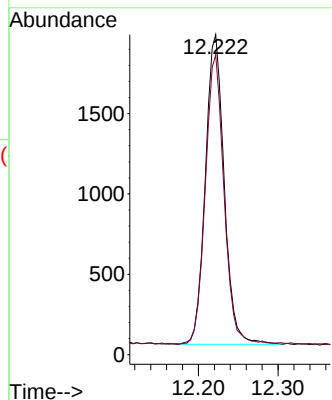
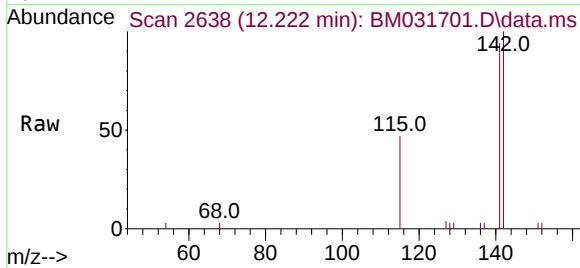
#8
1-Methylnaphthalene
Concen: 0.323 ng/ul
RT: 12.222 min Scan# 2638
Delta R.T. -0.004 min
Lab File: BM031701.D
Acq: 13 Aug 2021 06:31

Tgt Ion:142 Resp: 3159
Ion Ratio Lower Upper
142 100
141 92.8 74.1 111.1

Instrument :
BNA_M
ClientSampled :
C00D2DL

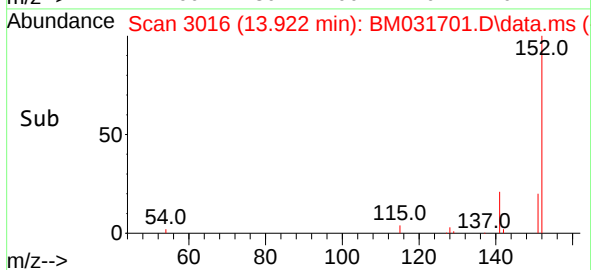
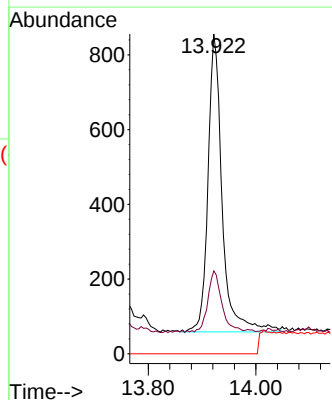
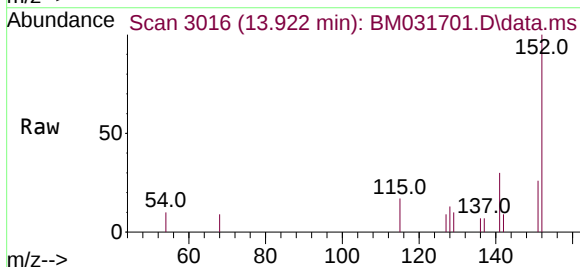
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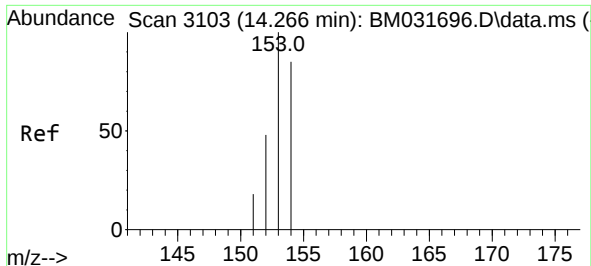
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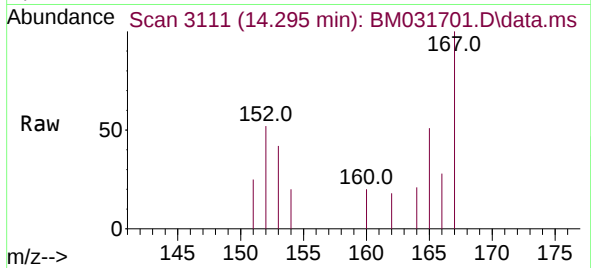
#10
Acenaphthylene
Concen: 0.123 ng/ul
RT: 13.922 min Scan# 3016
Delta R.T. -0.009 min
Lab File: BM031701.D
Acq: 13 Aug 2021 06:31

Tgt Ion:152 Resp: 1411
Ion Ratio Lower Upper
152 100
151 25.9 16.9 25.3#
153 0.0 0.0 0.0

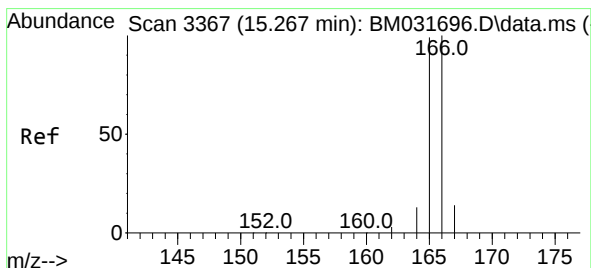
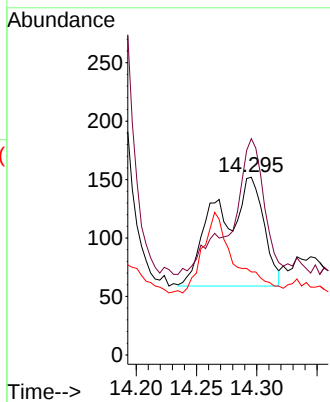
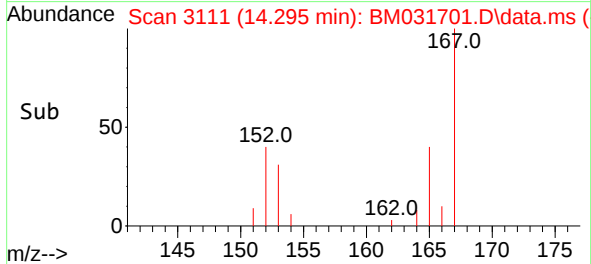




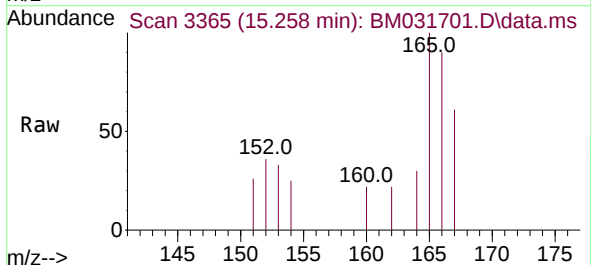
#11
Acenaphthene
Concen: 0.026 ng/ul m
RT: 14.295 min Scan# 3111
Delta R.T. 0.023 min
Lab File: BM031701.D
Acq: 13 Aug 2021 06:31



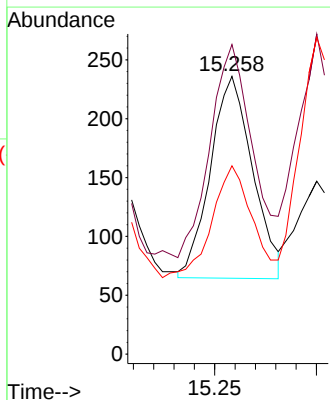
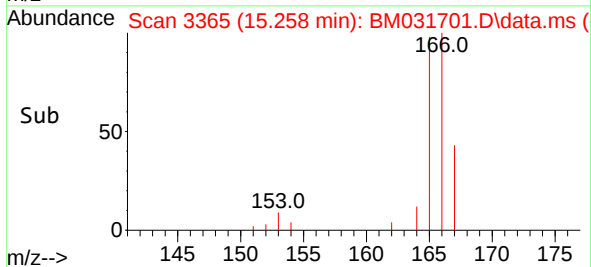
Tgt Ion:153 Resp: 247
Ion Ratio Lower Upper
153 100
152 121.7 40.7 61.1#
154 46.7 70.2 105.2#



#12
Fluorene
Concen: 0.022 ng/ul
RT: 15.258 min Scan# 3365
Delta R.T. -0.011 min
Lab File: BM031701.D
Acq: 13 Aug 2021 06:31



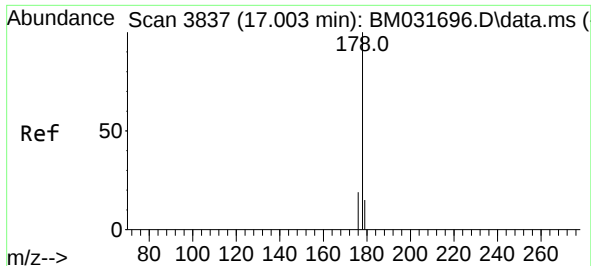
Tgt Ion:166 Resp: 247
Ion Ratio Lower Upper
166 100
165 111.4 78.0 117.0
167 67.8 12.0 18.0#



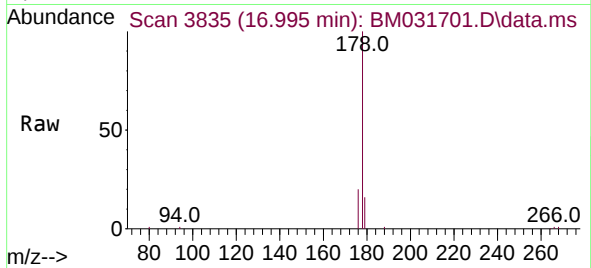
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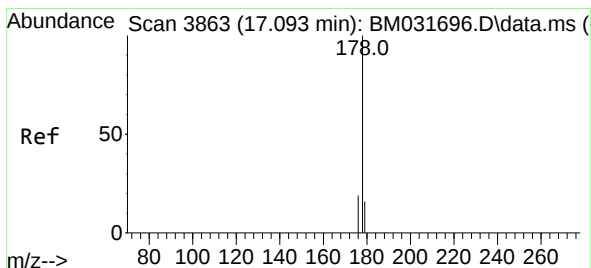
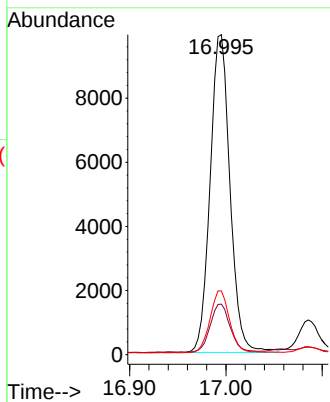
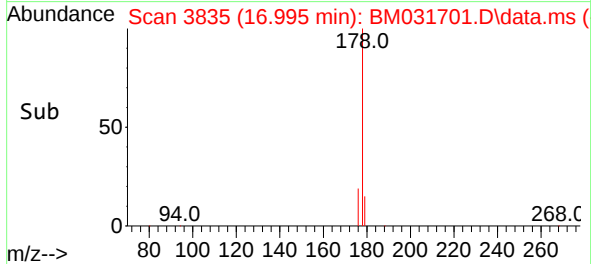
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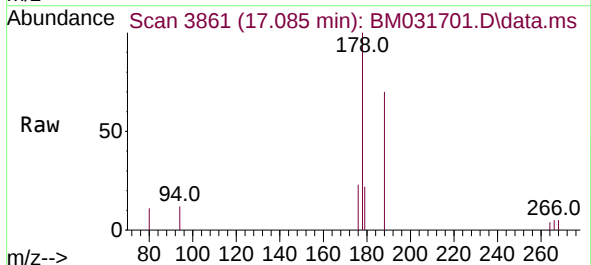
#15
Phenanthrene
Concen: 0.874 ng/ul
RT: 16.995 min Scan# 3835
Delta R.T. -0.007 min
Lab File: BM031701.D
Acq: 13 Aug 2021 06:31



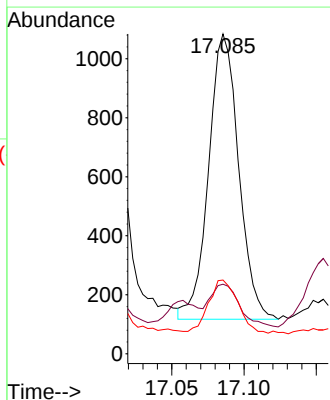
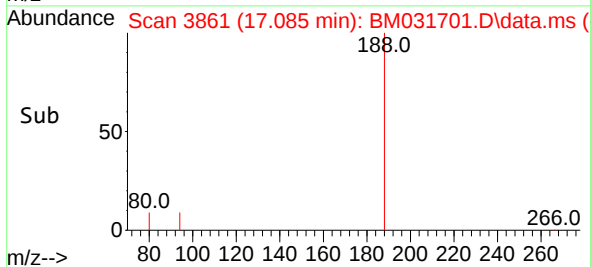
Tgt Ion:178 Resp: 14205
Ion Ratio Lower Upper
178 100
179 15.8 13.3 19.9
176 19.9 16.2 24.4



#16
Anthracene
Concen: 0.092 ng/ul
RT: 17.085 min Scan# 3861
Delta R.T. -0.010 min
Lab File: BM031701.D
Acq: 13 Aug 2021 06:31



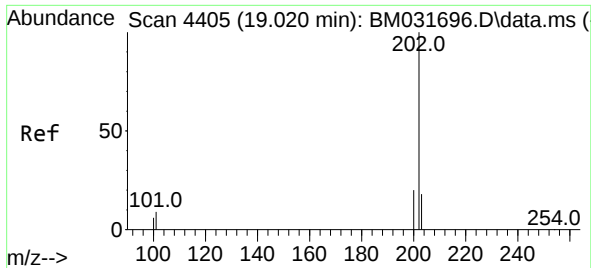
Tgt Ion:178 Resp: 1399
Ion Ratio Lower Upper
178 100
179 21.8 13.0 19.6#
176 23.1 15.6 23.4



Instrument :
BNA_M
ClientSampleId :
C00D2DL

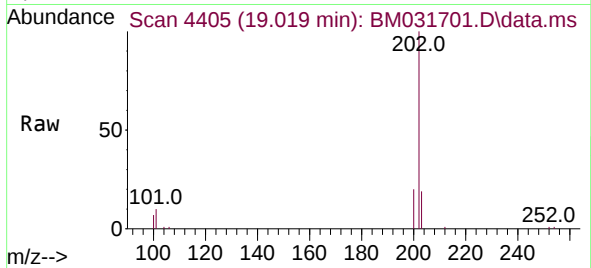
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#19
Fluoranthene
Concen: 0.637 ng/ul
RT: 19.019 min Scan# 4405
Delta R.T. -0.008 min
Lab File: BM031701.D
Acq: 13 Aug 2021 06:31

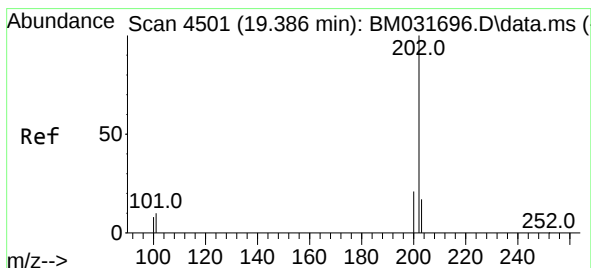
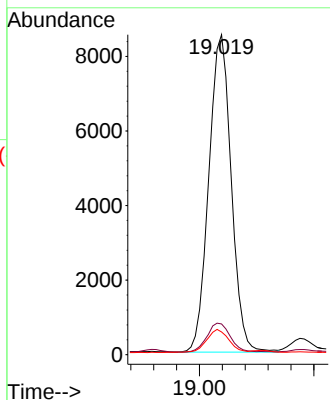
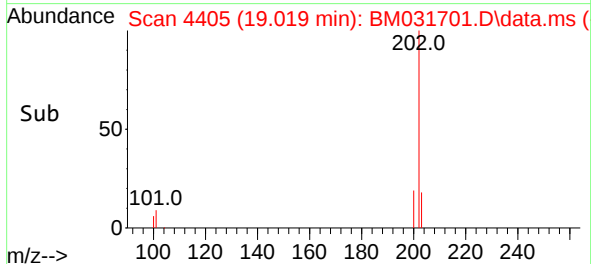
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BNA_M
ClientSampleId :
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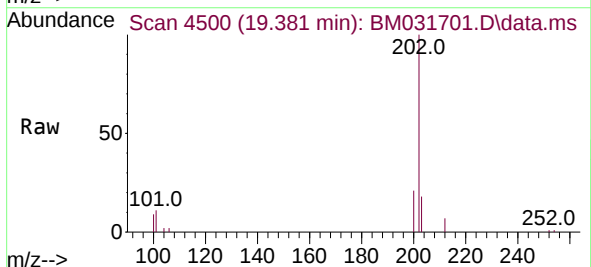
Tgt Ion:202 Resp: 11615
Ion Ratio Lower Upper
202 100
101 9.6 6.6 10.0
100 7.1 5.4 8.0

Manual Integrations
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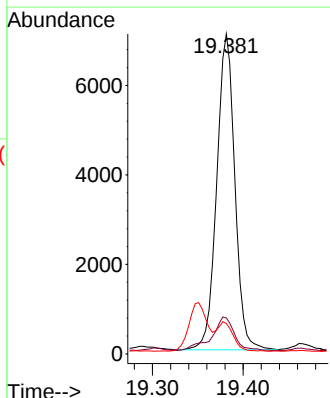
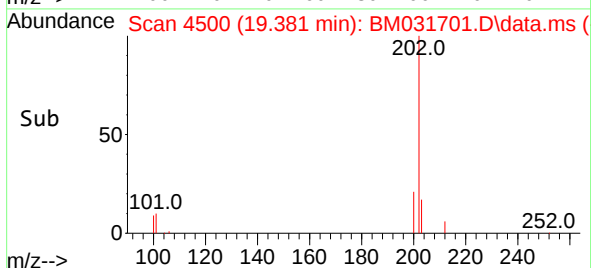
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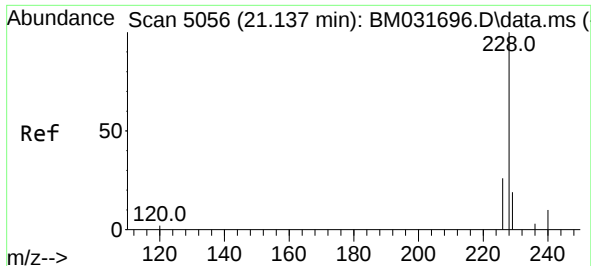


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Pyrene
Concen: 0.529 ng/ul
RT: 19.381 min Scan# 4500
Delta R.T. -0.008 min
Lab File: BM031701.D
Acq: 13 Aug 2021 06:31



Tgt Ion:202 Resp: 9789
Ion Ratio Lower Upper
202 100
101 11.2 7.8 11.6
100 9.5 6.6 10.0





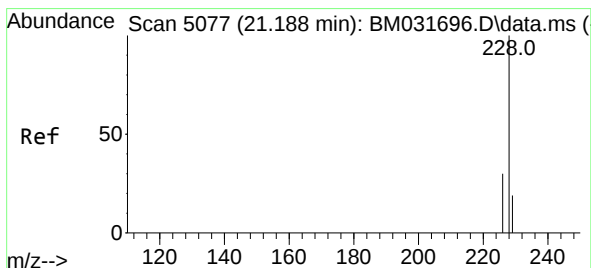
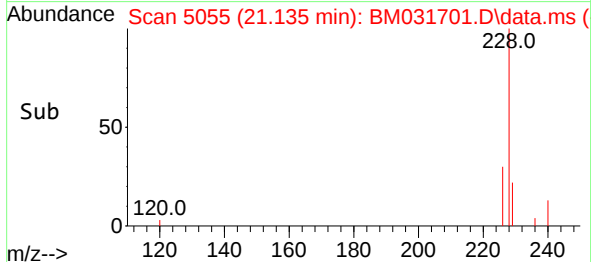
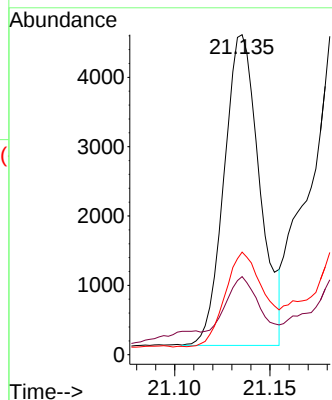
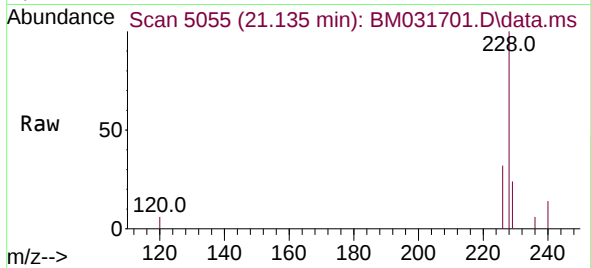
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Benzo(a)anthracene
Concen: 0.337 ng/ul m
RT: 21.135 min Scan# 5055
Delta R.T. -0.009 min
Lab File: BM031701.D
Acq: 13 Aug 2021 06:31

Tgt Ion:228 Resp: 5817
Ion Ratio Lower Upper
228 100
229 24.4 15.6 23.4#
226 32.0 21.7 32.5

Instrument :
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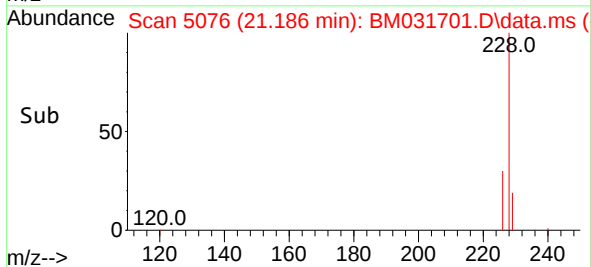
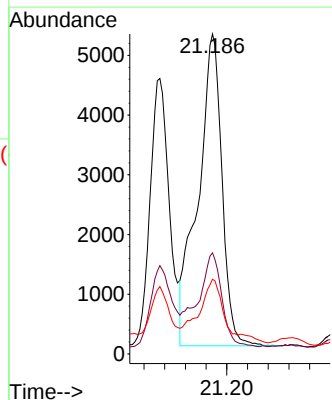
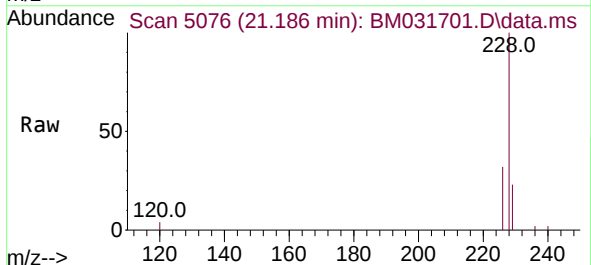
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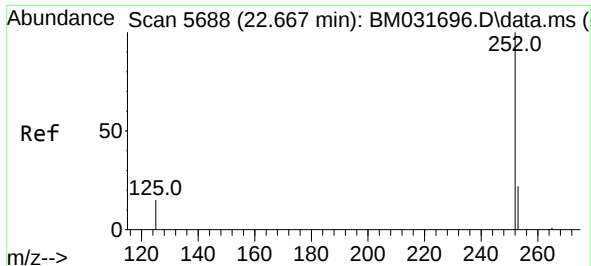
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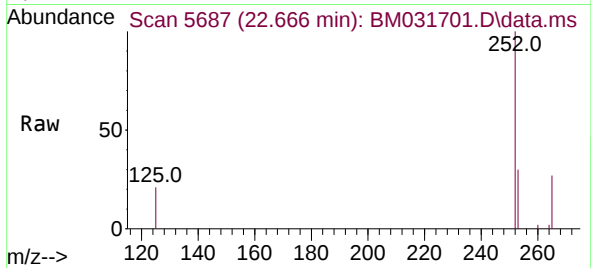
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Chrysene
Concen: 0.470 ng/ul
RT: 21.186 min Scan# 5076
Delta R.T. -0.009 min
Lab File: BM031701.D
Acq: 13 Aug 2021 06:31

Tgt Ion:228 Resp: 8393
Ion Ratio Lower Upper
228 100
226 31.6 24.7 37.1
229 23.4 16.2 24.2

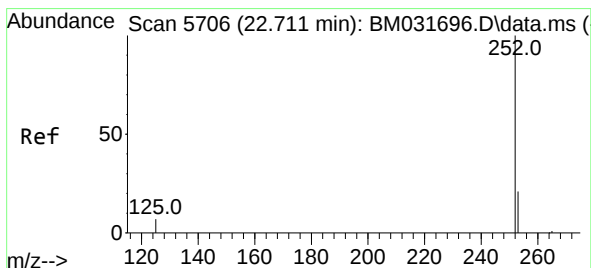
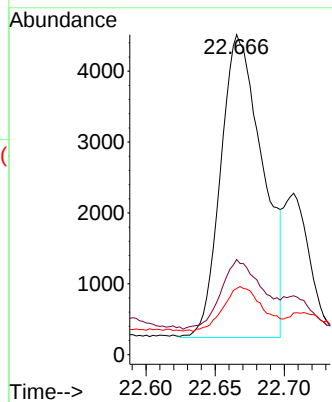
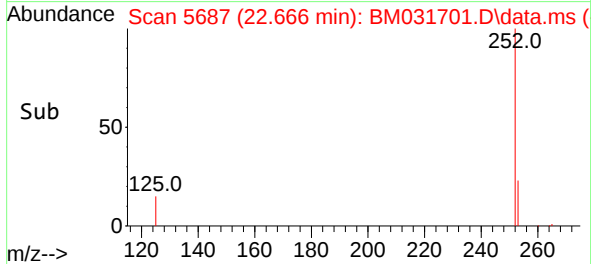




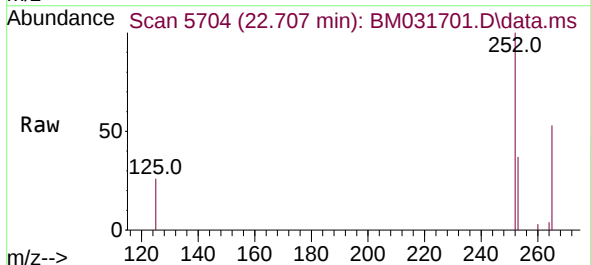
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Benzo(b)fluoranthene
Concen: 0.476 ng/ul m
RT: 22.666 min Scan# 5687
Delta R.T. -0.011 min
Lab File: BM031701.D
Acq: 13 Aug 2021 06:31



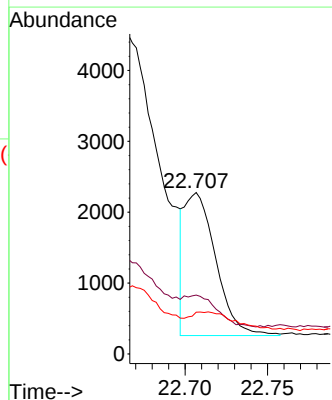
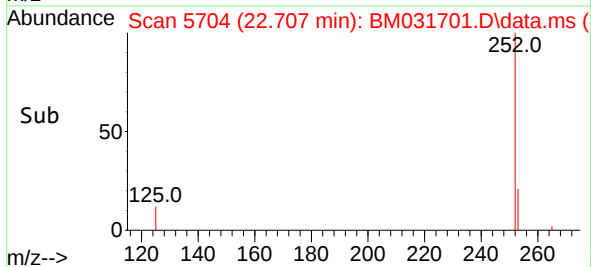
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Ion Ratio Lower Upper
252 100
253 29.8 0.0 53.0
125 20.7 0.0 22.8



#25
Benzo(k)fluoranthene
Concen: 0.136 ng/ul m
RT: 22.707 min Scan# 5704
Delta R.T. -0.013 min
Lab File: BM031701.D
Acq: 13 Aug 2021 06:31



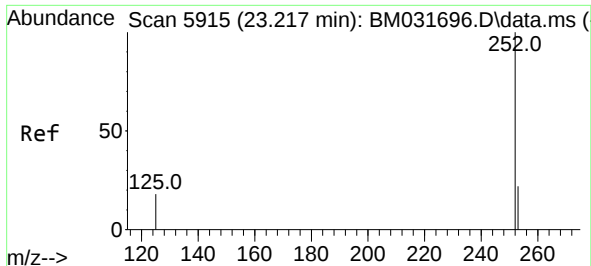
Tgt Ion:252 Resp: 2666
Ion Ratio Lower Upper
252 100
253 36.5 21.3 31.9#
125 25.9 8.8 13.2#



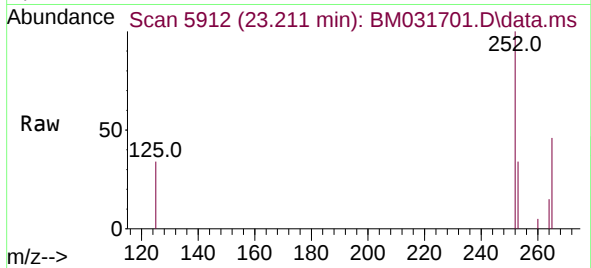
Instrument :
BNA_M
ClientSampleID :
C00D2DL

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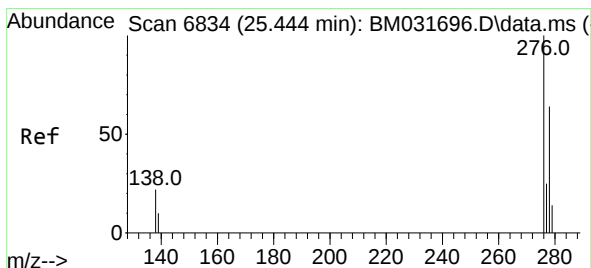
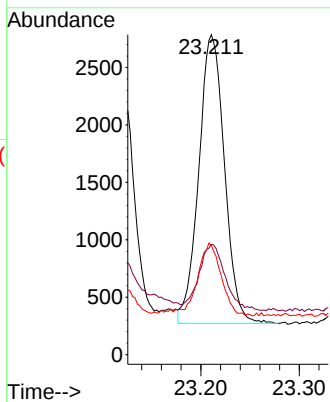
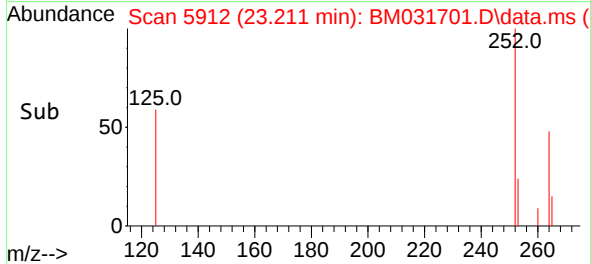
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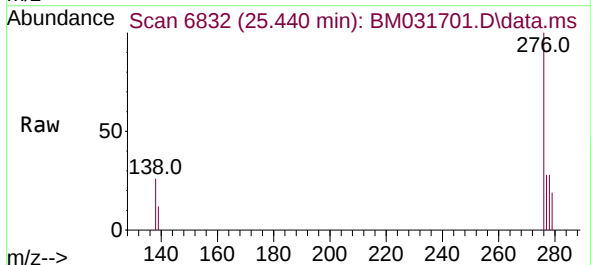
#26
Benzo(a)pyrene
Concen: 0.274 ng/ul
RT: 23.211 min Scan# 5912
Delta R.T. -0.016 min
Lab File: BM031701.D
Acq: 13 Aug 2021 06:31



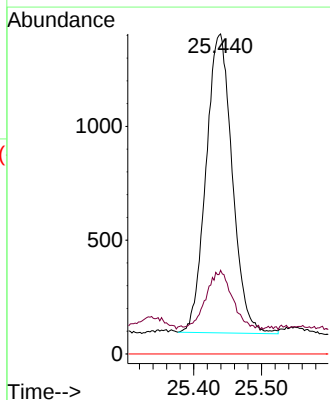
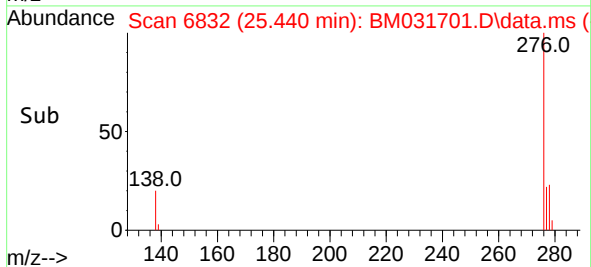
Tgt Ion:252 Resp: 4546
Ion Ratio Lower Upper
252 100
253 34.4 22.4 33.6#
125 34.1 13.0 19.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.164 ng/ul
RT: 25.440 min Scan# 6832
Delta R.T. -0.021 min
Lab File: BM031701.D
Acq: 13 Aug 2021 06:31



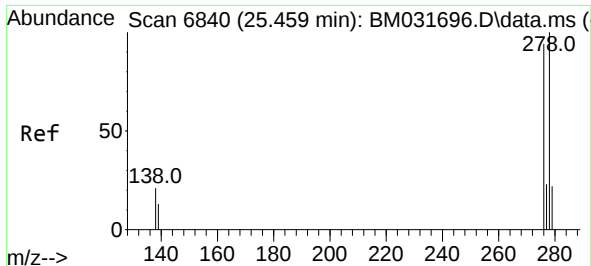
Tgt Ion:276 Resp: 3528
Ion Ratio Lower Upper
276 100
138 19.8 15.8 23.8
227 0.0 0.0 0.0



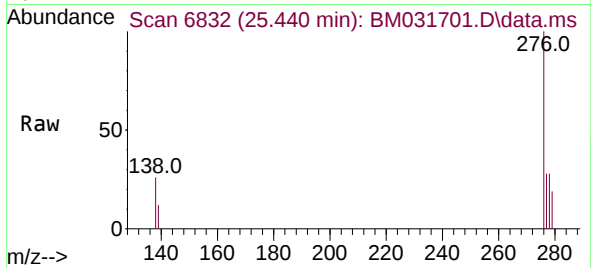
Instrument :
BNA_M
ClientSampleId :
C00D2DL

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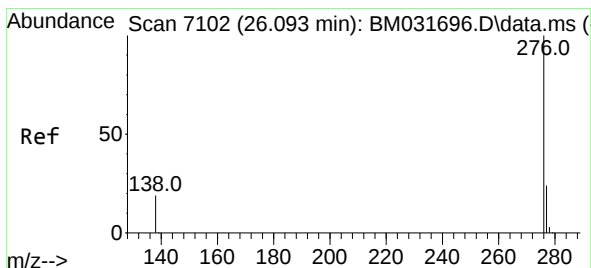
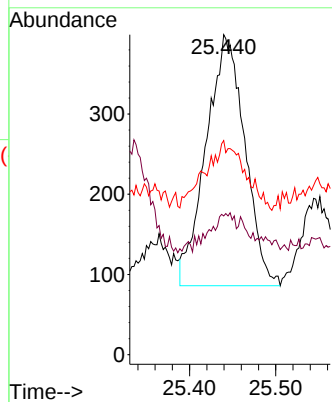
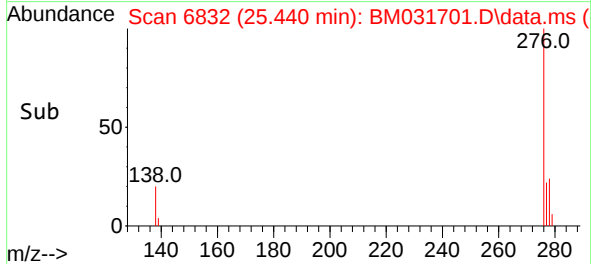
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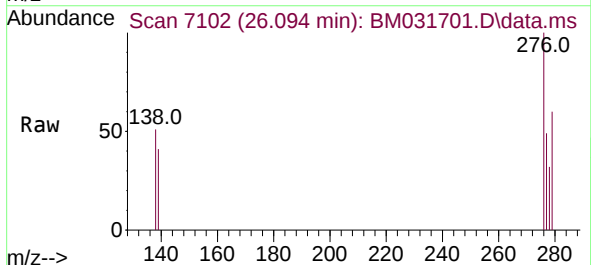
#28
Dibenzo(a,h)anthracene
Concen: 0.056 ng/ul
RT: 25.440 min Scan# 6832
Delta R.T. -0.033 min
Lab File: BM031701.D
Acq: 13 Aug 2021 06:31



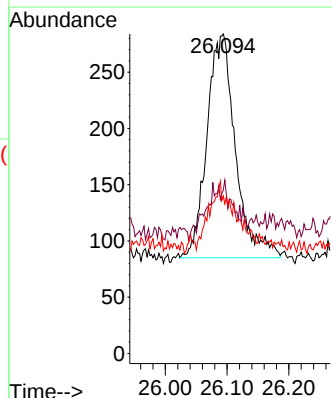
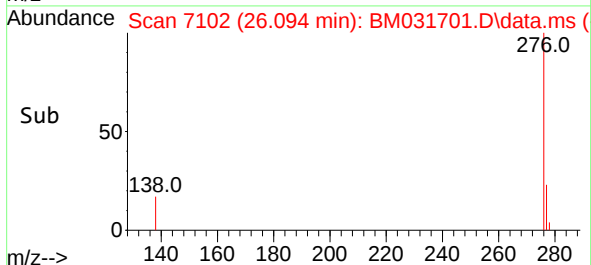
Tgt Ion: 278 Resp: 977
Ion Ratio Lower Upper
278 100
139 43.4 13.3 19.9#
279 66.9 22.8 34.2#



#29
Benzo(g,h,i)perylene
Concen: 0.035 ng/ul
RT: 26.094 min Scan# 7102
Delta R.T. -0.013 min
Lab File: BM031701.D
Acq: 13 Aug 2021 06:31



Tgt Ion: 276 Resp: 640
Ion Ratio Lower Upper
276 100
138 51.1 15.4 23.2#
277 49.3 19.9 29.9#



Instrument :
BNA_M
ClientSampleId :
C00D2DL

Manual Integrations
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