

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
 Data File : BM031695.D
 Acq On : 13 Aug 2021 02:13
 Operator : CG/JU
 Sample : M3182-22DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00E0DL

Manual Integrations
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Quant Time: Aug 13 03:18:07 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	1424	0.400	ng/ul	0.00
4) Naphthalene-d8	10.329	136	5217	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.205	164	2833	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.954	188	5415	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.152	240	4476	0.400	ng/ul	# 0.00
23) Perylene-d12	23.304	264	4411	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.186	96	679	0.429	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.926	152	240	0.027	ng/ul	0.00
18) Fluoranthene-d10	18.989	212	476	0.032	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.379	128	2244	0.144	ng/ul	95
7) 2-Methylnaphthalene	12.002	142	1841	0.173	ng/ul	97
8) 1-Methylnaphthalene	12.223	142	1074	0.102	ng/ul	99
10) Acenaphthylene	13.923	152	1019	0.084	ng/ul#	83
12) Fluorene	15.259	166	248	0.021	ng/ul#	77
15) Phenanthrene	16.996	178	7420	0.432	ng/ul	99
16) Anthracene	17.089	178	1102	0.068	ng/ul#	86
19) Fluoranthene	19.020	202	12665	0.663	ng/ul#	96
20) Pyrene	19.382	202	11073	0.571	ng/ul#	95
21) Benzo(a)anthracene	21.135	228	5593	0.309	ng/ul#	91
22) Chrysene	21.185	228	7902	0.423	ng/ul	96
24) Benzo(b)fluoranthene	22.667	252	9104m	0.458	ng/ul	
25) Benzo(k)fluoranthene	22.704	252	3186m	0.155	ng/ul	
26) Benzo(a)pyrene	23.212	252	5295	0.304	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.439	276	4224	0.188	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.444	278	1267	0.070	ng/ul#	31
29) Benzo(g,h,i)perylene	26.081	276	1047	0.055	ng/ul#	48

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

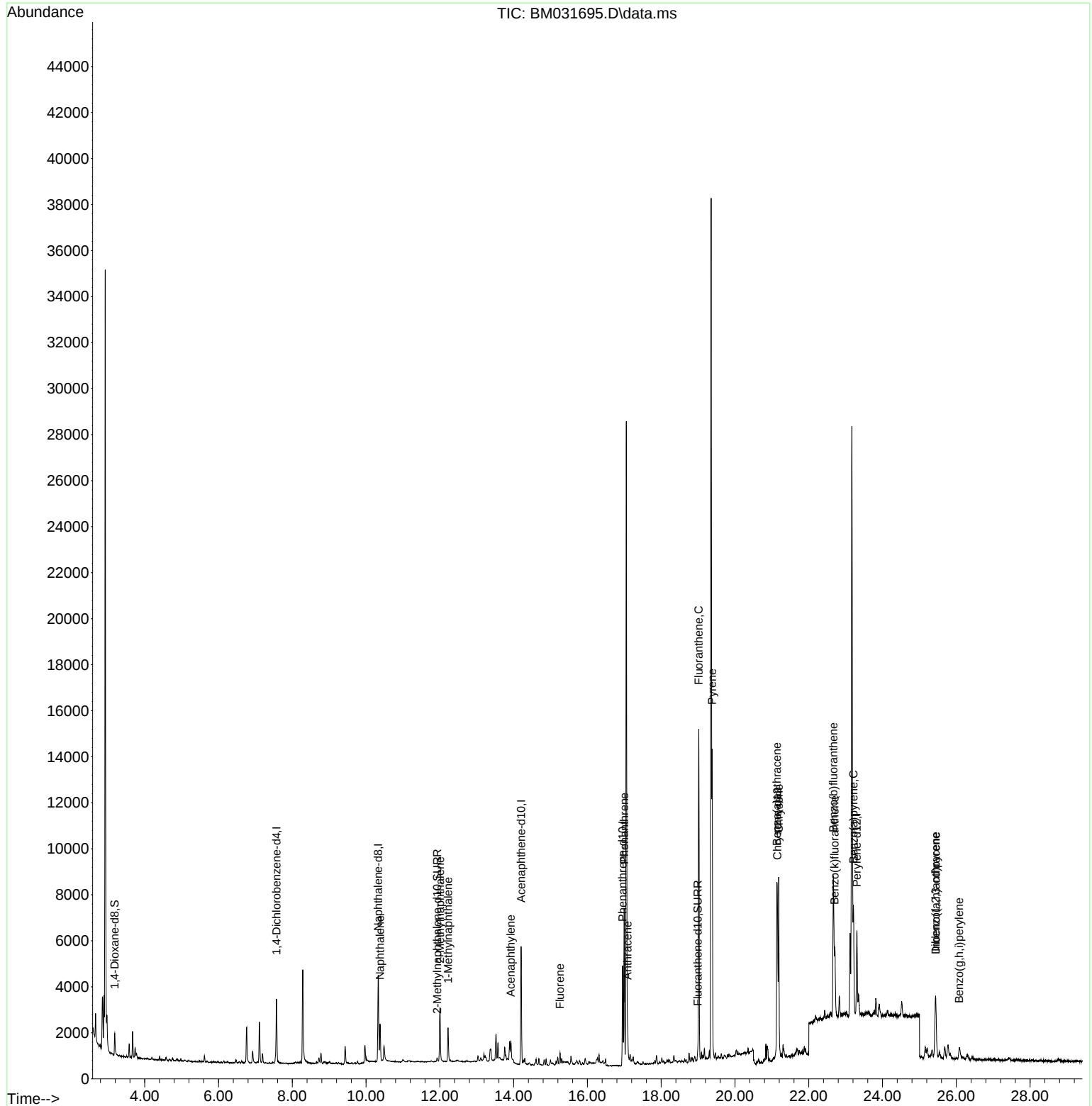
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Data File : BM031695.D
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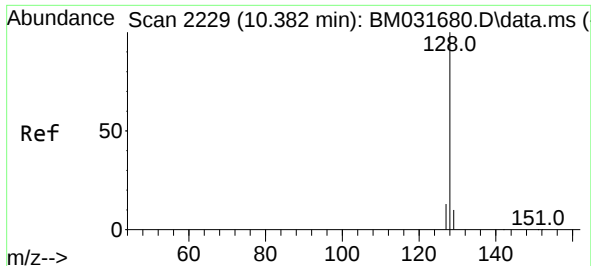
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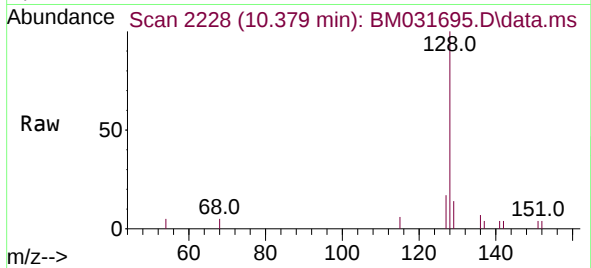
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Quant Time: Aug 13 03:18:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

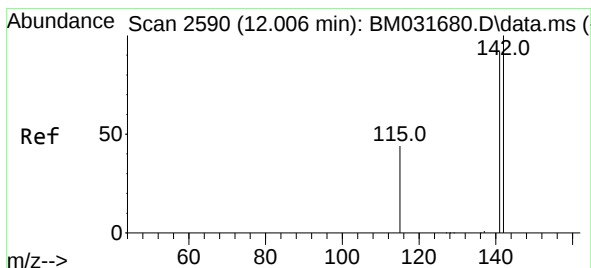
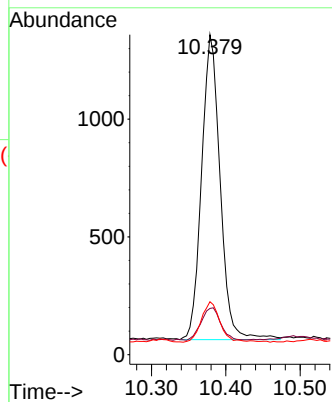
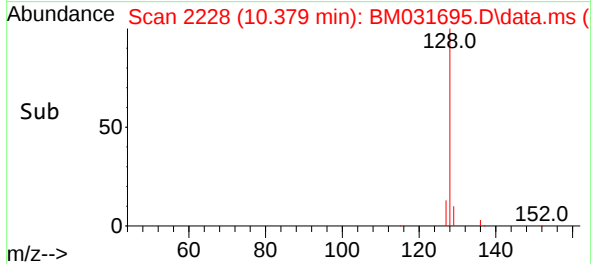




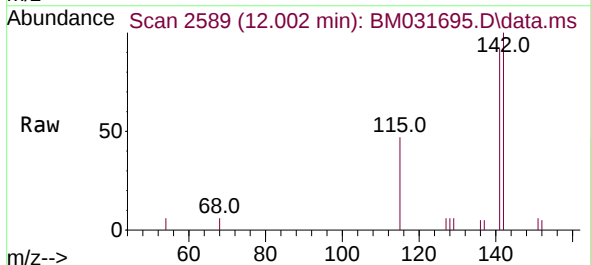
#5
Naphthalene
Concen: 0.144 ng/ul
RT: 10.379 min Scan# 2228
Delta R.T. -0.003 min
Lab File: BM031695.D
Acq: 13 Aug 2021 02:13



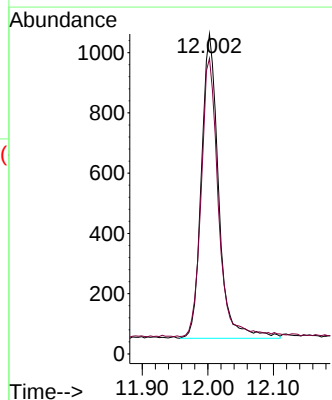
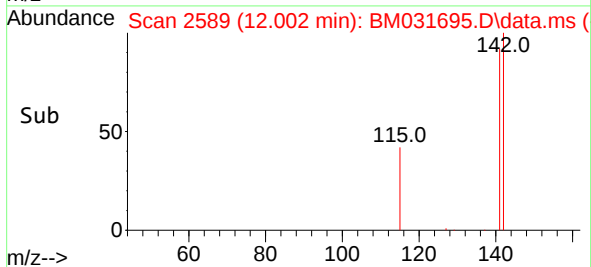
Tgt Ion:128 Resp: 2244
Ion Ratio Lower Upper
128 100
129 14.4 10.0 15.0
127 16.6 11.6 17.4



#7
2-Methylnaphthalene
Concen: 0.173 ng/ul
RT: 12.002 min Scan# 2589
Delta R.T. -0.003 min
Lab File: BM031695.D
Acq: 13 Aug 2021 02:13



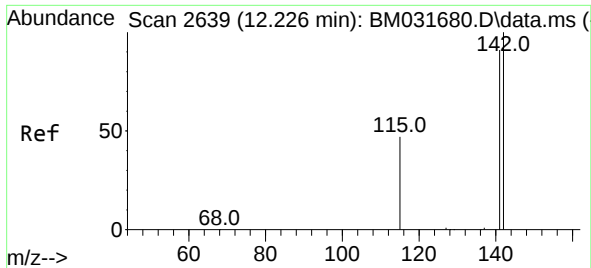
Tgt Ion:142 Resp: 1841
Ion Ratio Lower Upper
142 100
141 91.7 71.4 107.0



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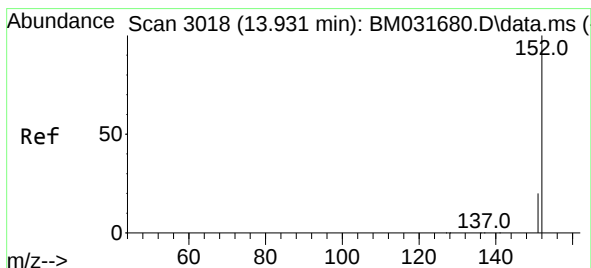
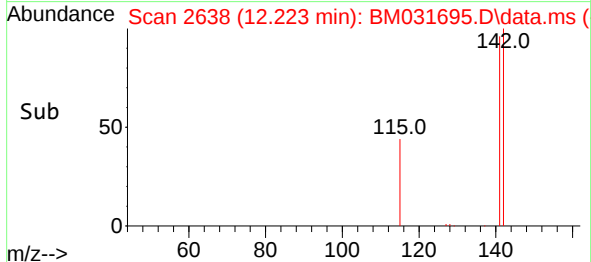
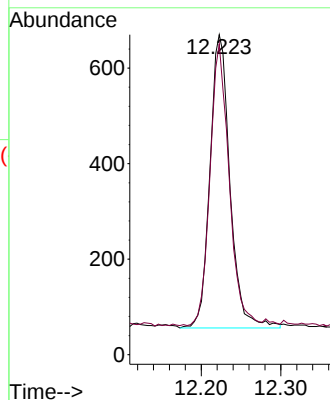
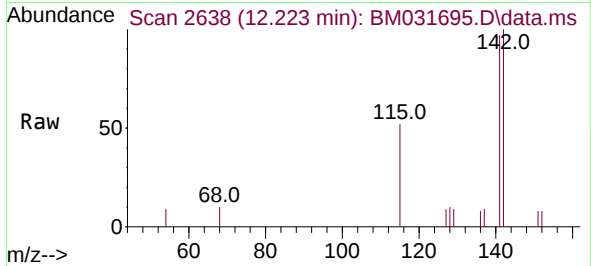
#8
1-Methylnaphthalene
Concen: 0.102 ng/ul
RT: 12.223 min Scan# 2638
Delta R.T. -0.004 min
Lab File: BM031695.D
Acq: 13 Aug 2021 02:13

Tgt Ion:142 Resp: 1074
Ion Ratio Lower Upper
142 100
141 91.2 74.1 111.1

Instrument :
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ClientSampleId :
C00E0DL

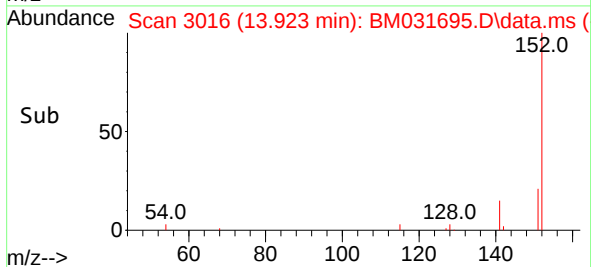
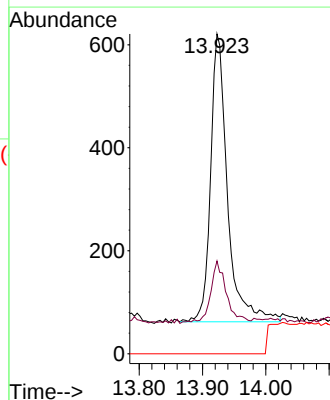
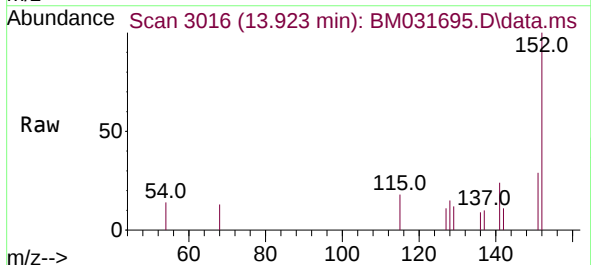
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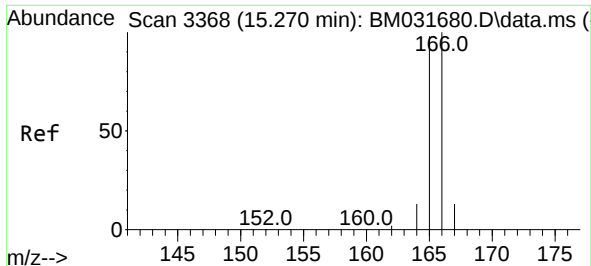
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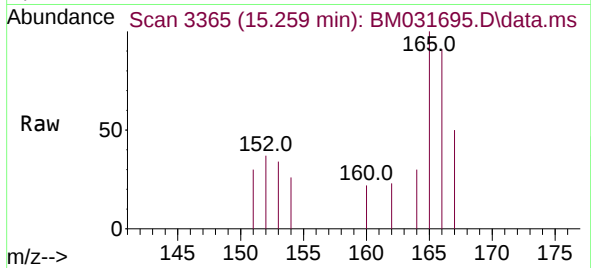
#10
Acenaphthylene
Concen: 0.084 ng/ul
RT: 13.923 min Scan# 3016
Delta R.T. -0.008 min
Lab File: BM031695.D
Acq: 13 Aug 2021 02:13

Tgt Ion:152 Resp: 1019
Ion Ratio Lower Upper
152 100
151 29.0 16.9 25.3#
153 0.0 0.0 0.0

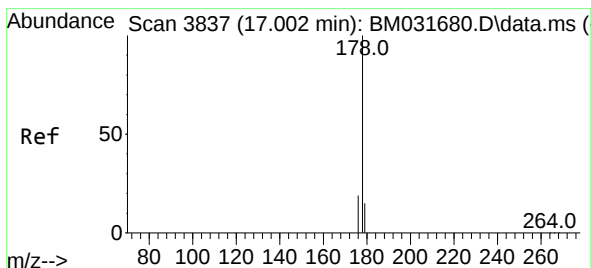
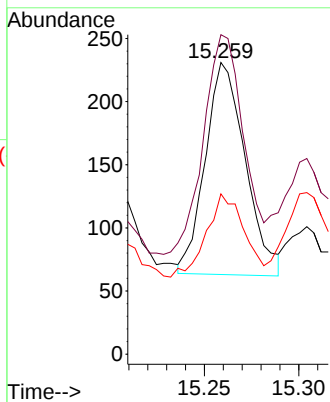
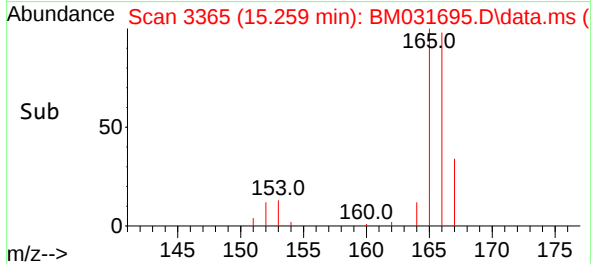




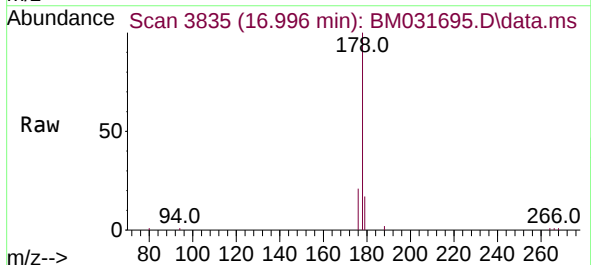
#12
Fluorene
Concen: 0.021 ng/ul
RT: 15.259 min Scan# 3365
Delta R.T. -0.011 min
Lab File: BM031695.D
Acq: 13 Aug 2021 02:13



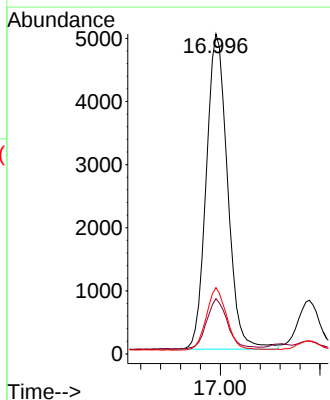
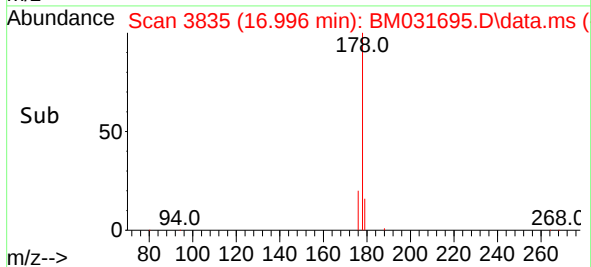
Tgt Ion:166 Resp: 248
Ion Ratio Lower Upper
166 100
165 109.5 78.0 117.0
167 55.0 12.0 18.0#



#15
Phenanthrene
Concen: 0.432 ng/ul
RT: 16.996 min Scan# 3835
Delta R.T. -0.007 min
Lab File: BM031695.D
Acq: 13 Aug 2021 02:13



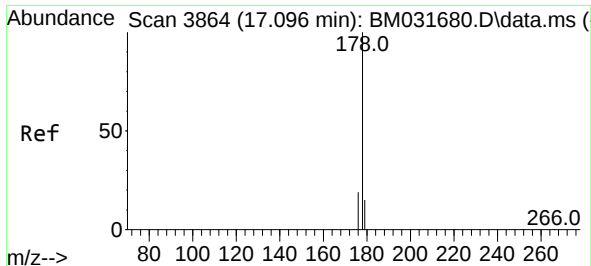
Tgt Ion:178 Resp: 7420
Ion Ratio Lower Upper
178 100
179 17.3 13.3 19.9
176 20.8 16.2 24.4



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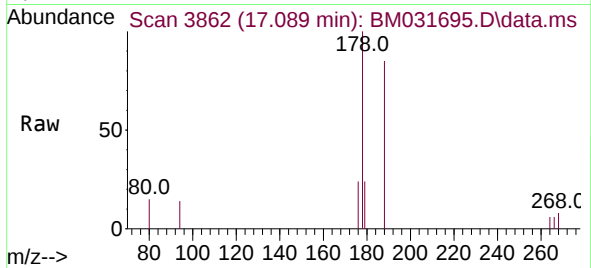
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#16
 Anthracene
 Concen: 0.068 ng/ul
 RT: 17.089 min Scan# 3862
 Delta R.T. -0.007 min
 Lab File: BM031695.D
 Acq: 13 Aug 2021 02:13

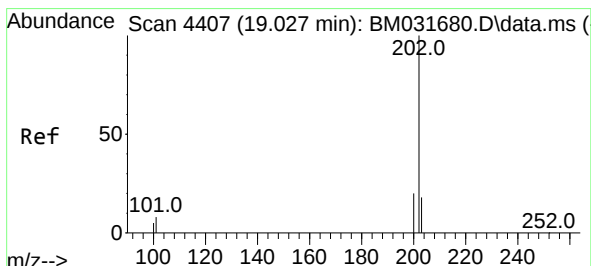
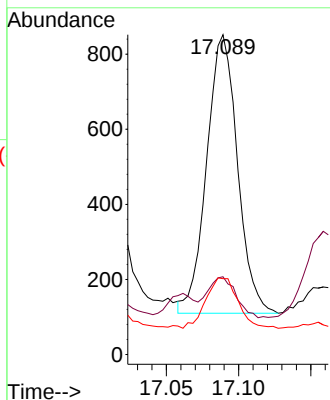
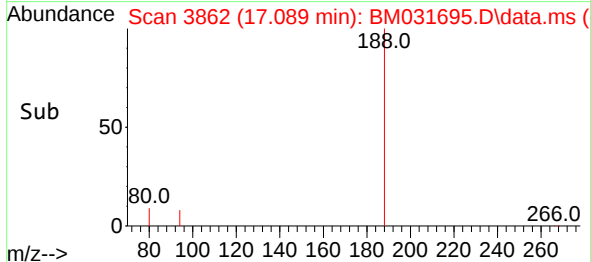
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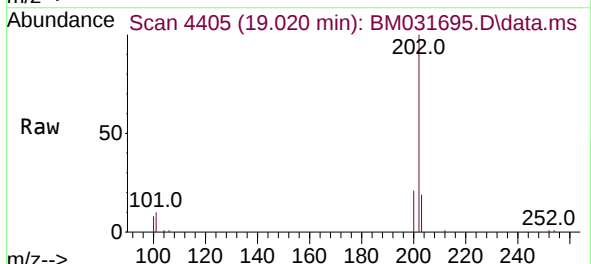
Tgt Ion:178 Resp: 1102
 Ion Ratio Lower Upper
 178 100
 179 24.3 13.0 19.6#
 176 23.7 15.6 23.4#

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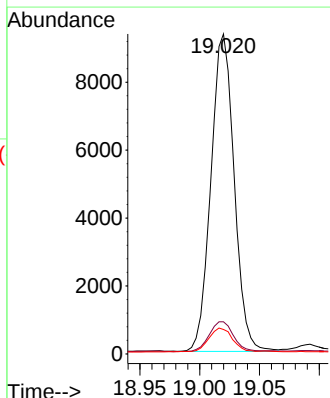
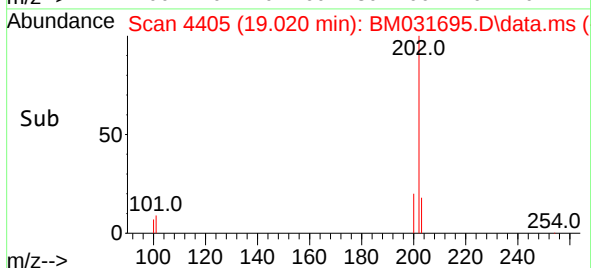
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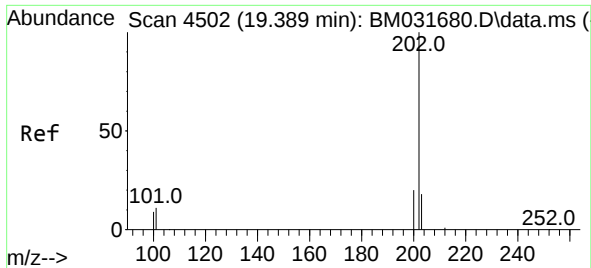


#19
 Fluoranthene
 Concen: 0.663 ng/ul
 RT: 19.020 min Scan# 4405
 Delta R.T. -0.007 min
 Lab File: BM031695.D
 Acq: 13 Aug 2021 02:13

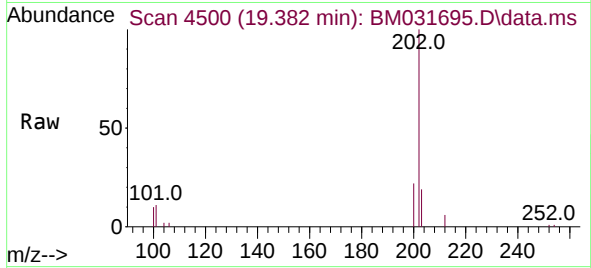


Tgt Ion:202 Resp: 12665
 Ion Ratio Lower Upper
 202 100
 101 10.1 6.6 10.0#
 100 7.7 5.4 8.0

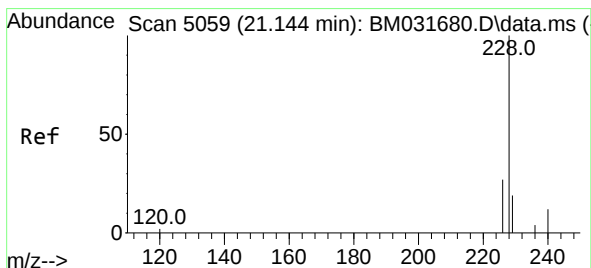
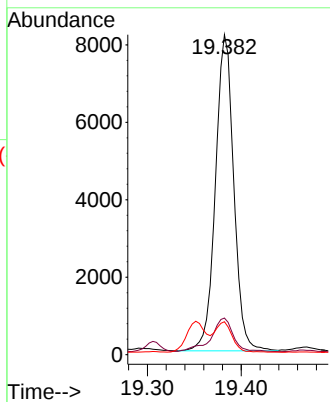
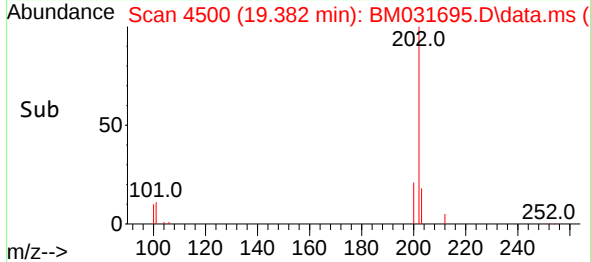




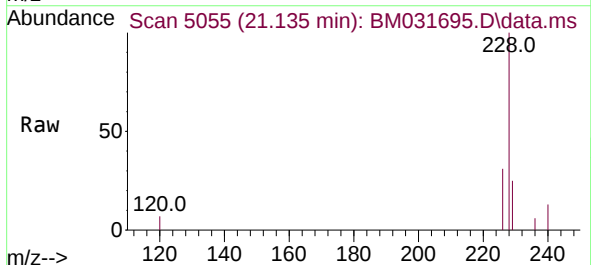
#20
Pyrene
Concen: 0.571 ng/ul
RT: 19.382 min Scan# 4500
Delta R.T. -0.007 min
Lab File: BM031695.D
Acq: 13 Aug 2021 02:13



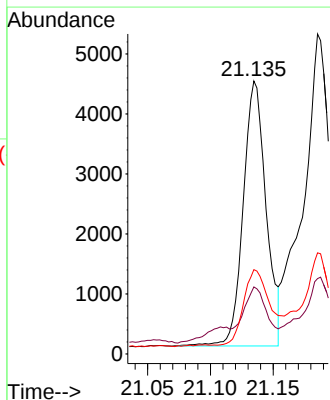
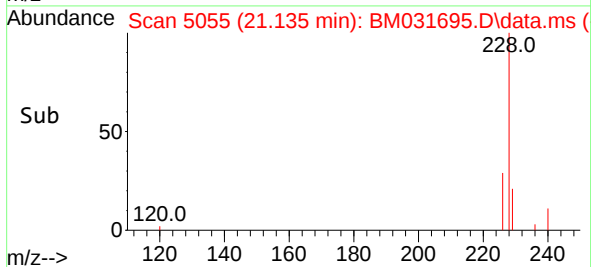
Tgt Ion:202 Resp: 11073
Ion Ratio Lower Upper
202 100
101 11.4 7.8 11.6
100 10.3 6.6 10.0#



#21
Benzo(a)anthracene
Concen: 0.309 ng/ul
RT: 21.135 min Scan# 5055
Delta R.T. -0.009 min
Lab File: BM031695.D
Acq: 13 Aug 2021 02:13



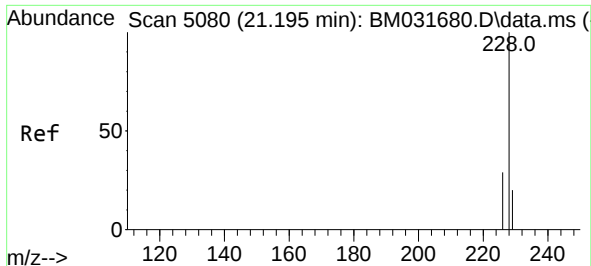
Tgt Ion:228 Resp: 5593
Ion Ratio Lower Upper
228 100
229 24.6 15.6 23.4#
226 30.9 21.7 32.5



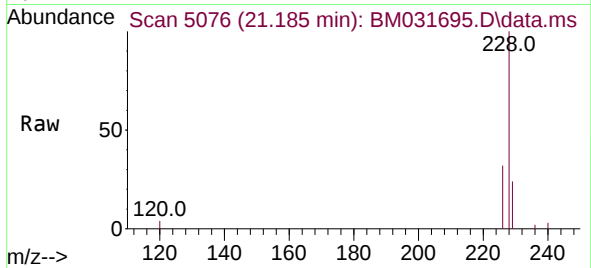
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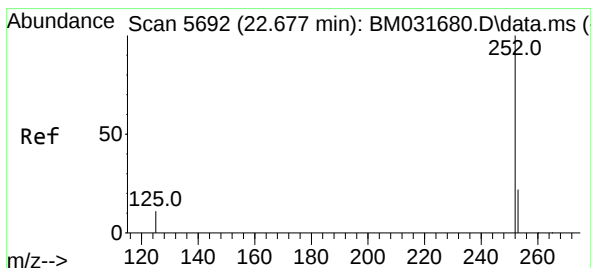
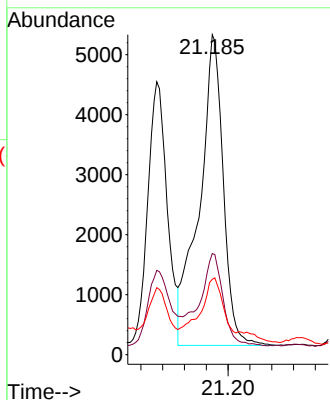
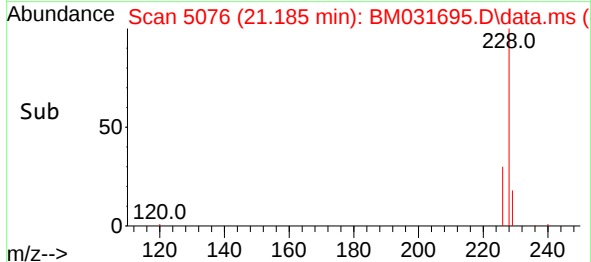
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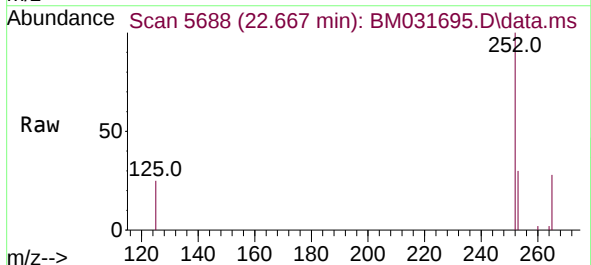
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Chrysene
Concen: 0.423 ng/ul
RT: 21.185 min Scan# 5076
Delta R.T. -0.009 min
Lab File: BM031695.D
Acq: 13 Aug 2021 02:13



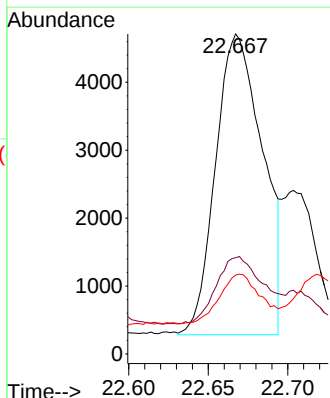
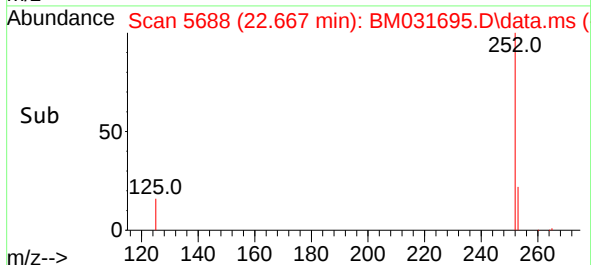
Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.7	37.1
229	23.6	16.2	24.2



#24
Benzo(b)fluoranthene
Concen: 0.458 ng/ul m
RT: 22.667 min Scan# 5688
Delta R.T. -0.009 min
Lab File: BM031695.D
Acq: 13 Aug 2021 02:13



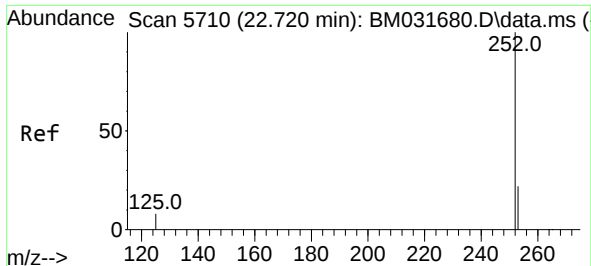
Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.1	0.0	53.0
125	24.6	0.0	22.8#



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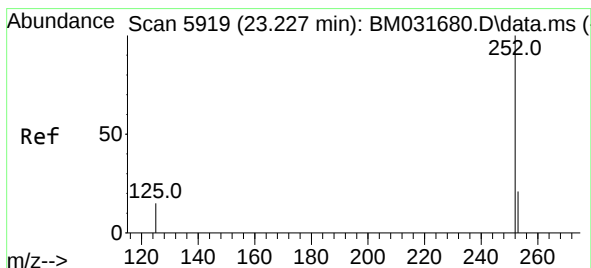
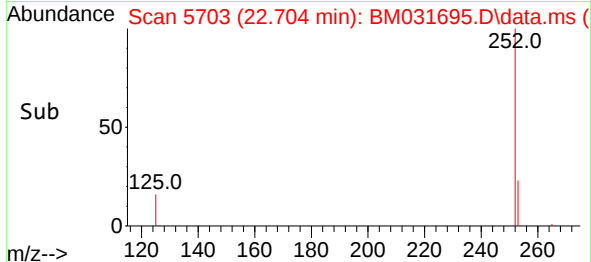
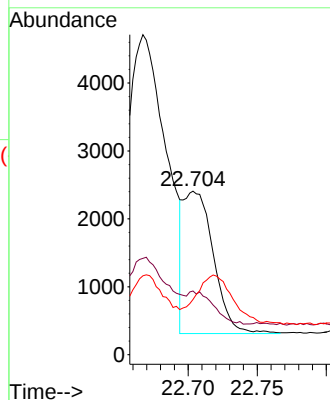
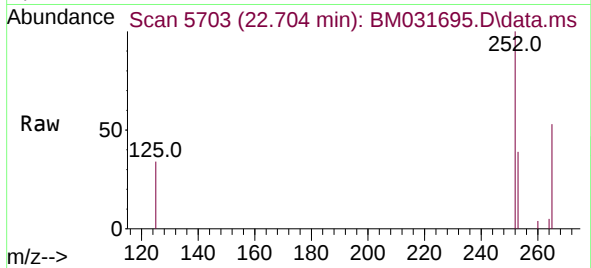
#25
Benzo(k)fluoranthene
Concen: 0.155 ng/ul m
RT: 22.704 min Scan# 5703
Delta R.T. -0.017 min
Lab File: BM031695.D
Acq: 13 Aug 2021 02:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	38.9	21.3	31.9#
125	33.8	8.8	13.2#

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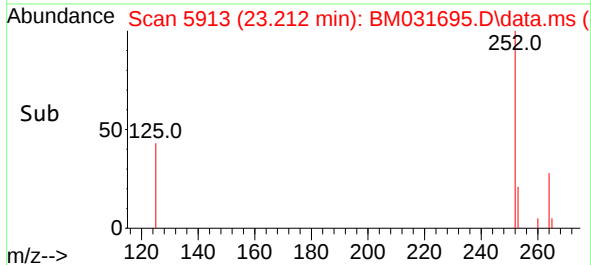
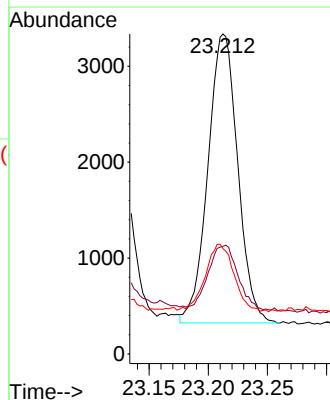
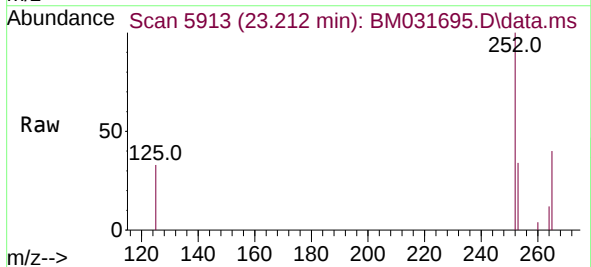
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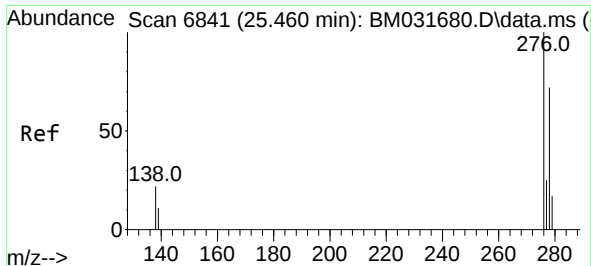
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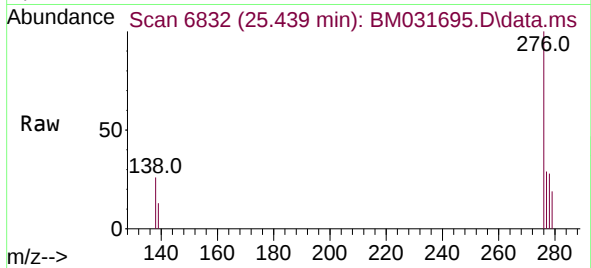
#26
Benzo(a)pyrene
Concen: 0.304 ng/ul
RT: 23.212 min Scan# 5913
Delta R.T. -0.014 min
Lab File: BM031695.D
Acq: 13 Aug 2021 02:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	33.7	22.4	33.6#
125	33.0	13.0	19.4#



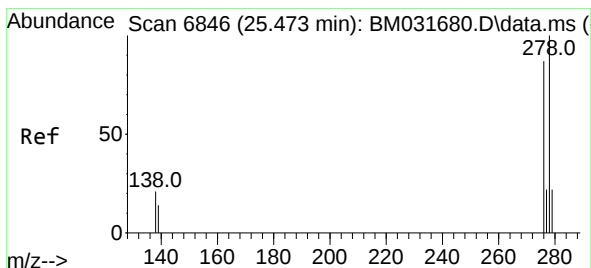
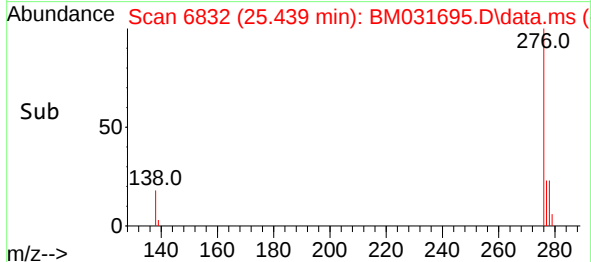
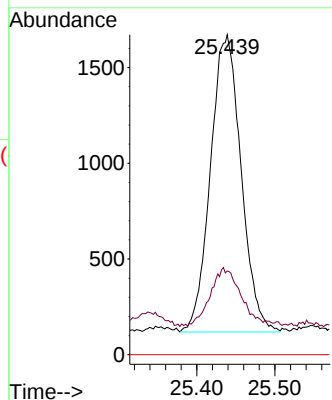


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.188 ng/ul
RT: 25.439 min Scan# 6832
Delta R.T. -0.021 min
Lab File: BM031695.D
Acq: 13 Aug 2021 02:13

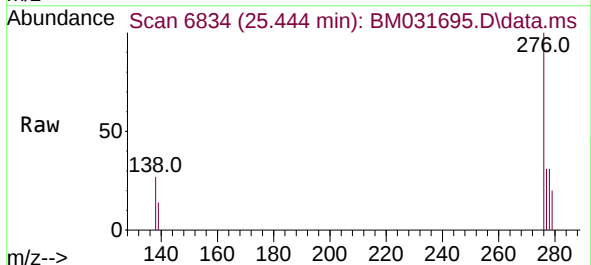


Tgt Ion: 276 Resp: 4224

Ion	Ratio	Lower	Upper
276	100		
138	20.4	15.8	23.8
227	0.0	0.0	0.0

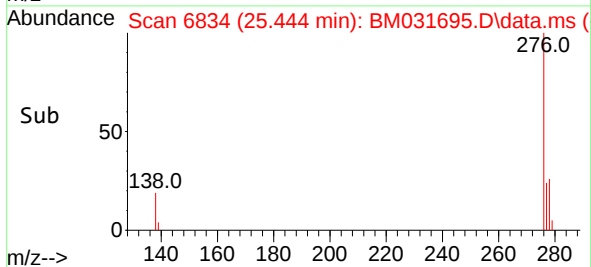
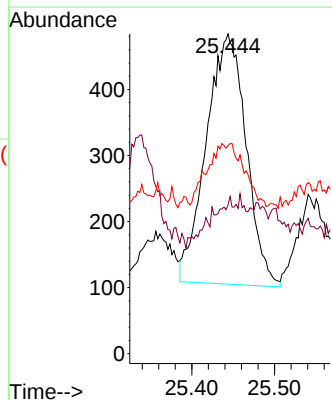


#28
Dibenzo(a,h)anthracene
Concen: 0.070 ng/ul
RT: 25.444 min Scan# 6834
Delta R.T. -0.029 min
Lab File: BM031695.D
Acq: 13 Aug 2021 02:13



Tgt Ion: 278 Resp: 1267

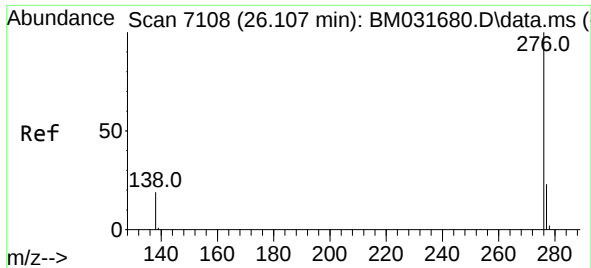
Ion	Ratio	Lower	Upper
278	100		
139	46.5	13.3	19.9#
279	65.1	22.8	34.2#



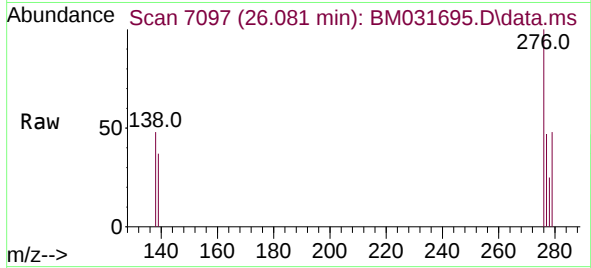
Instrument :
BNA_M
ClientSampled :
C00E0DL

Manual Integrations
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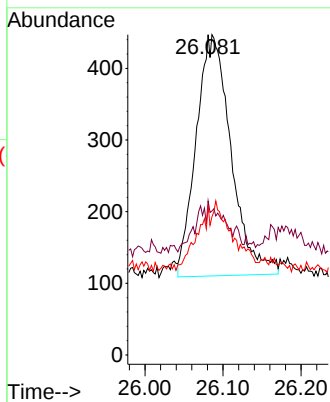
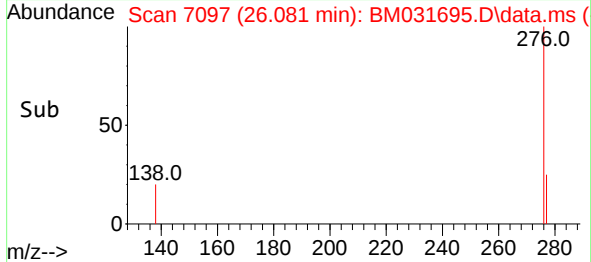
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8/13/2021 5:14:56 PM



#29
 Benzo(g,h,i)perylene
 Concen: 0.055 ng/ul
 RT: 26.081 min Scan# 7097
 Delta R.T. -0.026 min
 Lab File: BM031695.D
 Acq: 13 Aug 2021 02:13



Tgt Ion	Ratio	Lower	Upper
276	100		
138	48.1	15.4	23.2#
277	46.5	19.9	29.9#



Instrument :
 BNA_M
 ClientSampleId :
 C00E0DL

Manual Integrations
 APPROVED

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