

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
 Data File : BM031709.D
 Acq On : 13 Aug 2021 11:26
 Operator : CG/JU
 Sample : M3182-05
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00C3

Manual Integrations
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Quant Time: Aug 13 11:57:03 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	7.570	152	1264	0.400	ng/ul	0.00
4) Naphthalene-d8	10.325	136	4628	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.201	164	2682	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.954	188	5098	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.152	240	4162	0.400	ng/ul	# 0.00
23) Perylene-d12	23.307	264	4318	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.182	96	3825	2.725	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.926	152	1317	0.169	ng/ul	0.00
18) Fluoranthene-d10	18.986	212	2797	0.201	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.379	128	894	0.065	ng/ul#	84
7) 2-Methylnaphthalene	11.998	142	582	0.062	ng/ul	98
8) 1-Methylnaphthalene	12.218	142	445	0.048	ng/ul	98
10) Acenaphthylene	13.923	152	795	0.070	ng/ul#	84
15) Phenanthrene	16.992	178	4466	0.276	ng/ul	99
16) Anthracene	17.086	178	810	0.053	ng/ul#	80
19) Fluoranthene	19.016	202	6374	0.359	ng/ul#	95
20) Pyrene	19.378	202	5953	0.330	ng/ul#	92
21) Benzo(a)anthracene	21.137	228	3065	0.182	ng/ul#	86
22) Chrysene	21.188	228	3942	0.227	ng/ul#	92
24) Benzo(b)fluoranthene	22.670	252	4848m	0.249	ng/ul	
25) Benzo(k)fluoranthene	22.704	252	1553m	0.077	ng/ul	
26) Benzo(a)pyrene	23.212	252	2735	0.161	ng/ul#	64
27) Indeno(1,2,3-cd)pyrene	25.437	276	2275	0.103	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.446	278	677	0.038	ng/ul#	10
29) Benzo(g,h,i)perylene	26.086	276	857	0.046	ng/ul#	54

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

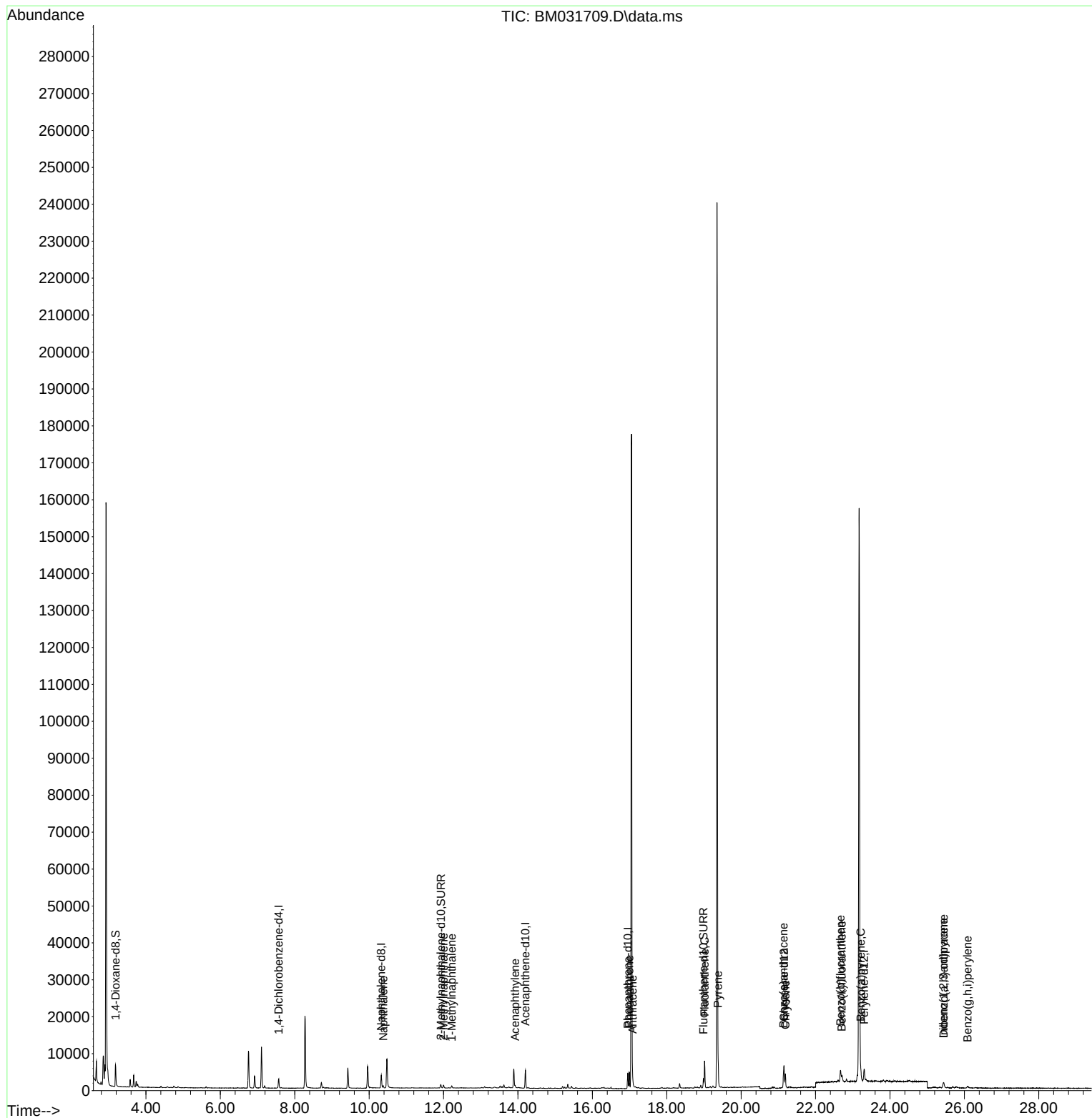
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
Data File : BM031709.D
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Operator : CG/JU
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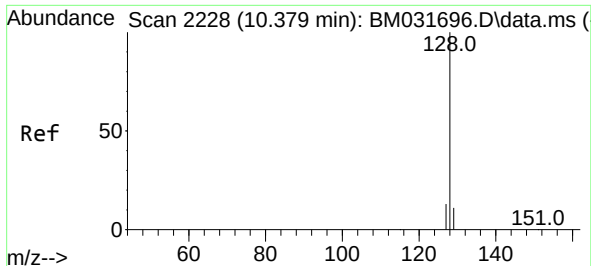
Instrument :
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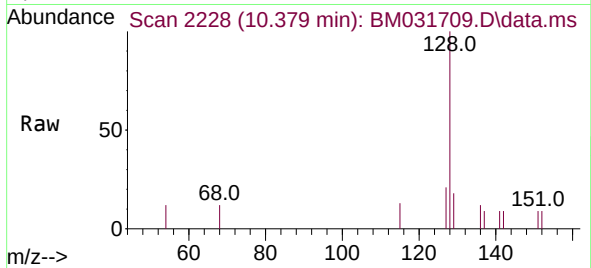
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Quant Time: Aug 13 11:57:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

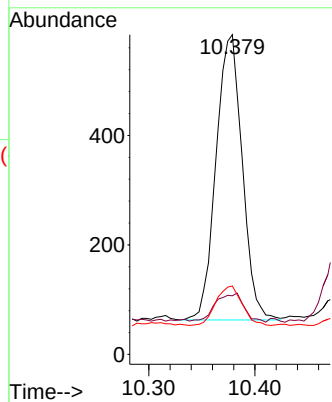
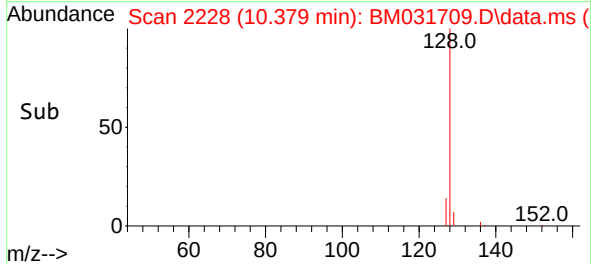




#5
Naphthalene
Concen: 0.065 ng/ul
RT: 10.379 min Scan# 2228
Delta R.T. -0.003 min
Lab File: BM031709.D
Acq: 13 Aug 2021 11:26



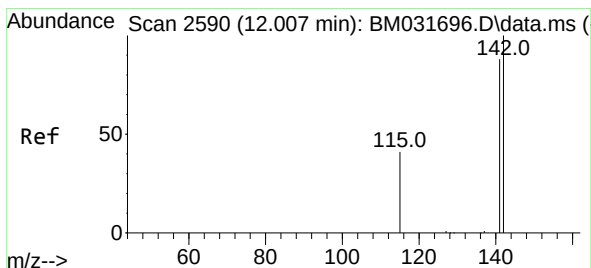
Tgt Ion:128 Resp: 894
Ion Ratio Lower Upper
128 100
129 18.3 10.0 15.0#
127 21.4 11.6 17.4#



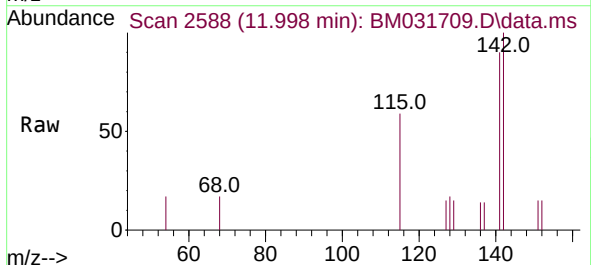
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BNA_M
ClientSampled :
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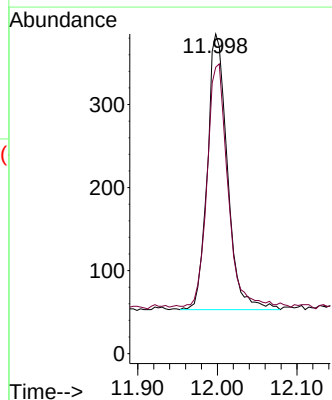
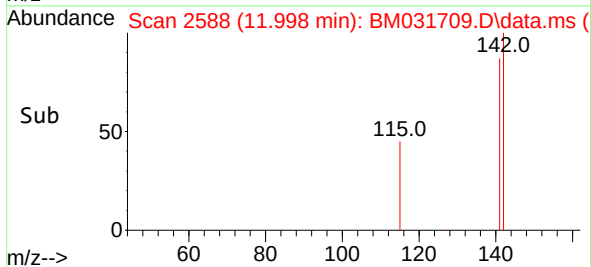
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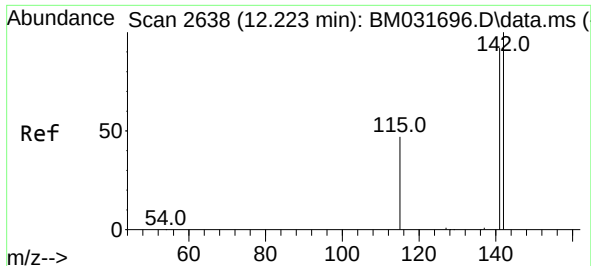


#7
2-Methylnaphthalene
Concen: 0.062 ng/ul
RT: 11.998 min Scan# 2588
Delta R.T. -0.008 min
Lab File: BM031709.D
Acq: 13 Aug 2021 11:26

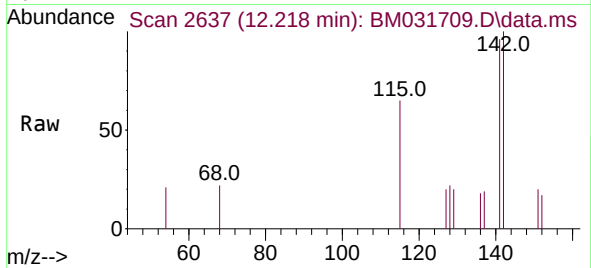


Tgt Ion:142 Resp: 582
Ion Ratio Lower Upper
142 100
141 91.4 71.4 107.0

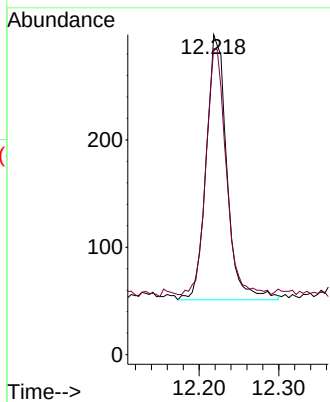
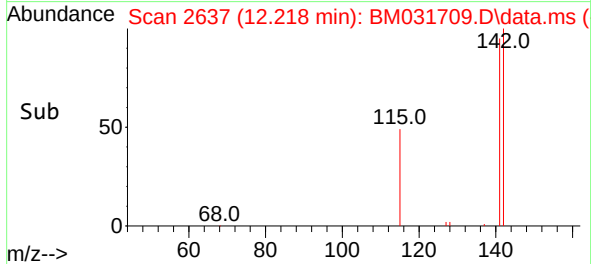




#8
1-Methylnaphthalene
Concen: 0.048 ng/ul
RT: 12.218 min Scan# 2637
Delta R.T. -0.008 min
Lab File: BM031709.D
Acq: 13 Aug 2021 11:26



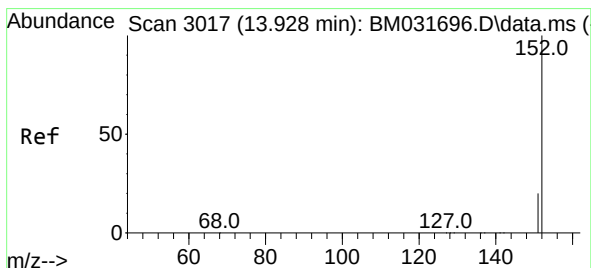
Tgt Ion:142 Resp: 445
Ion Ratio Lower Upper
142 100
141 90.3 74.1 111.1



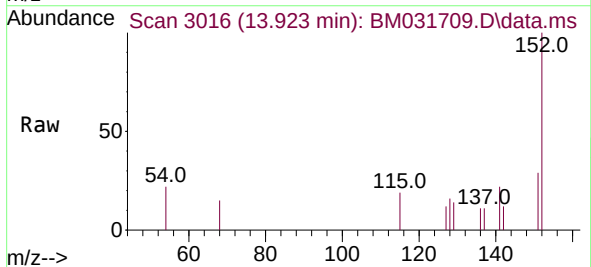
Instrument :
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ClientSampleId :
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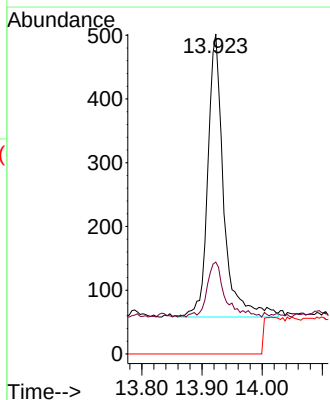
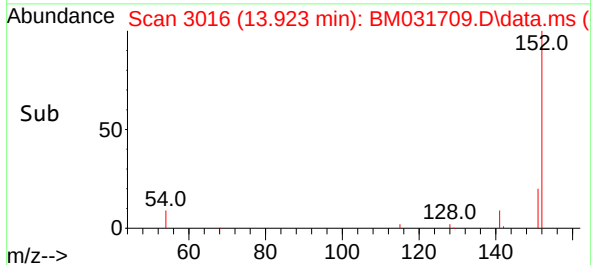
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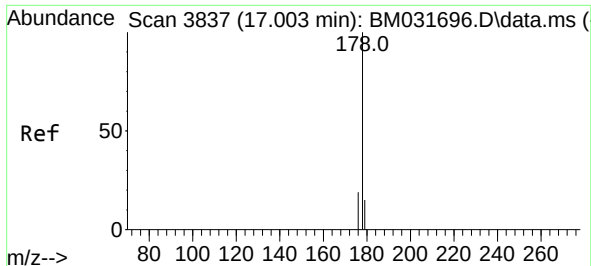


#10
Acenaphthylene
Concen: 0.070 ng/ul
RT: 13.923 min Scan# 3016
Delta R.T. -0.008 min
Lab File: BM031709.D
Acq: 13 Aug 2021 11:26

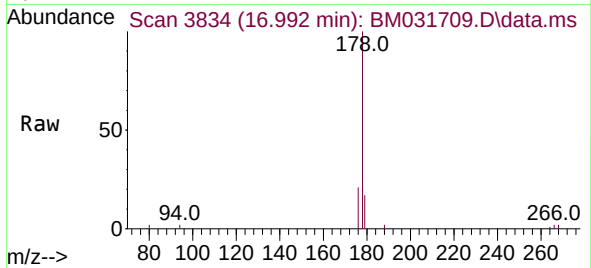


Tgt Ion:152 Resp: 795
Ion Ratio Lower Upper
152 100
151 28.7 16.9 25.3#
153 0.0 0.0 0.0

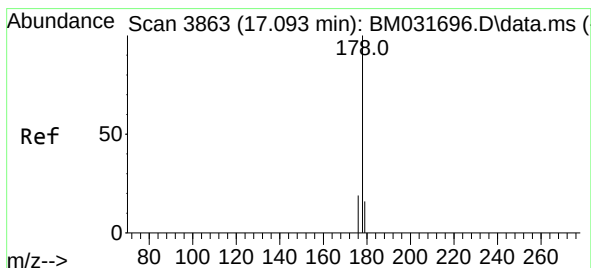
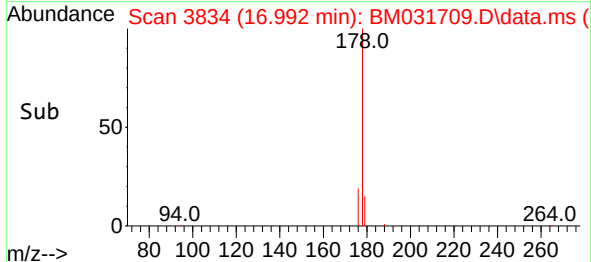
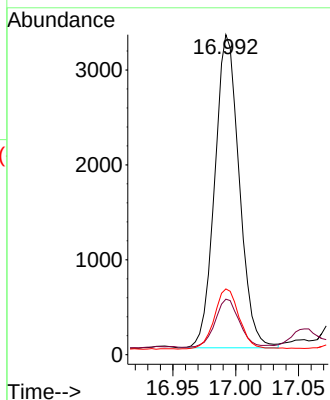




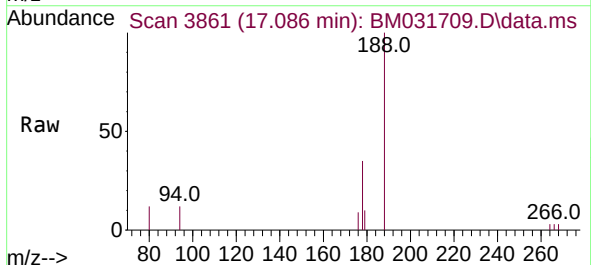
#15
Phenanthrene
Concen: 0.276 ng/ul
RT: 16.992 min Scan# 3834
Delta R.T. -0.010 min
Lab File: BM031709.D
Acq: 13 Aug 2021 11:26



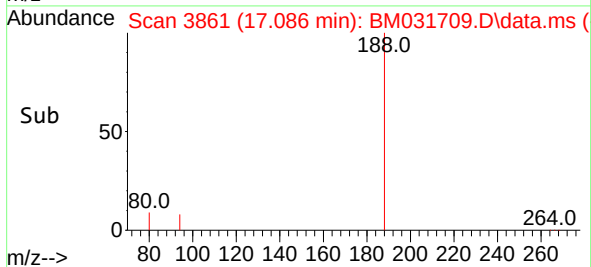
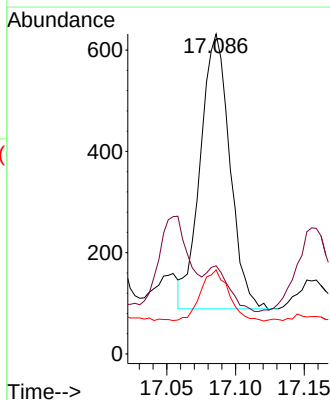
Tgt Ion:178 Resp: 4466
Ion Ratio Lower Upper
178 100
179 17.4 13.3 19.9
176 20.6 16.2 24.4



#16
Anthracene
Concen: 0.053 ng/ul
RT: 17.086 min Scan# 3861
Delta R.T. -0.010 min
Lab File: BM031709.D
Acq: 13 Aug 2021 11:26



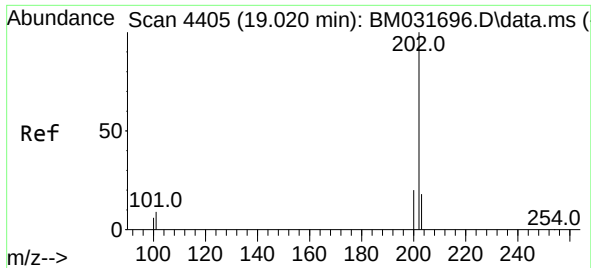
Tgt Ion:178 Resp: 810
Ion Ratio Lower Upper
178 100
179 27.5 13.0 19.6#
176 26.3 15.6 23.4#



Instrument :
BNA_M
ClientSampled :
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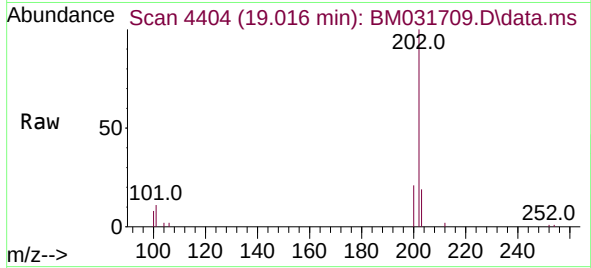
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#19
Fluoranthene
Concen: 0.359 ng/ul
RT: 19.016 min Scan# 4404
Delta R.T. -0.011 min
Lab File: BM031709.D
Acq: 13 Aug 2021 11:26

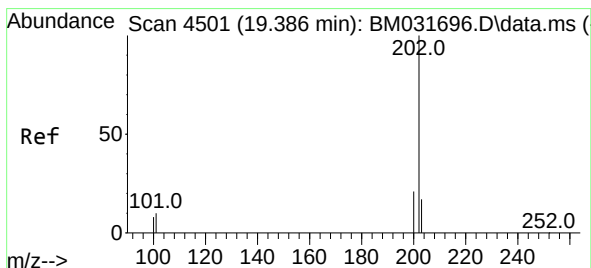
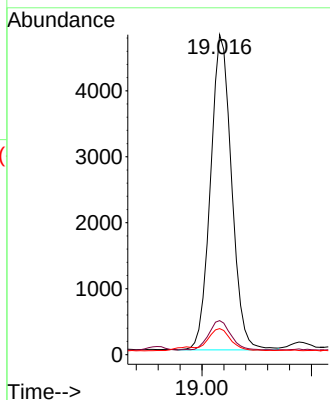
Instrument :
BNA_M
ClientSampled :
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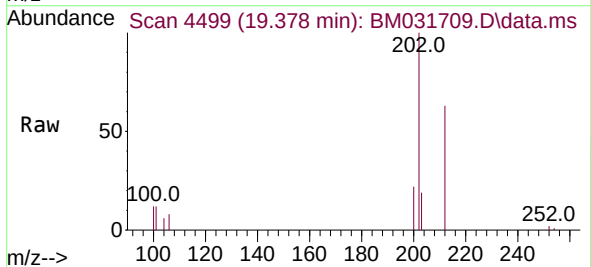
Tgt Ion:202 Resp: 6374
Ion Ratio Lower Upper
202 100
101 10.6 6.6 10.0#
100 8.1 5.4 8.0#

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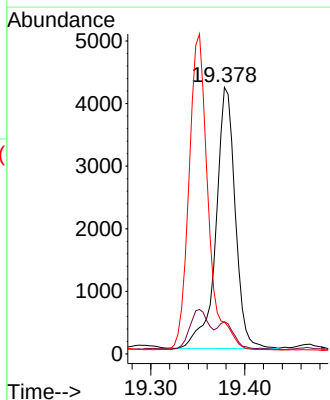
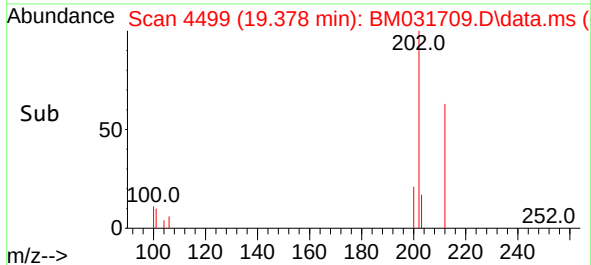
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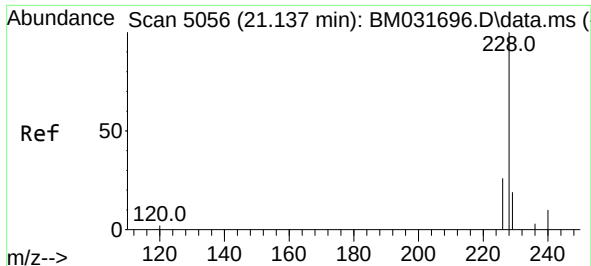


#20
Pyrene
Concen: 0.330 ng/ul
RT: 19.378 min Scan# 4499
Delta R.T. -0.011 min
Lab File: BM031709.D
Acq: 13 Aug 2021 11:26



Tgt Ion:202 Resp: 5953
Ion Ratio Lower Upper
202 100
101 12.0 7.8 11.6#
100 11.9 6.6 10.0#





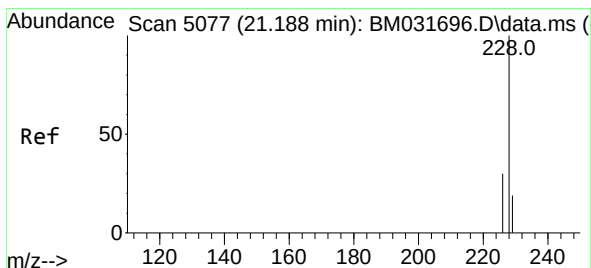
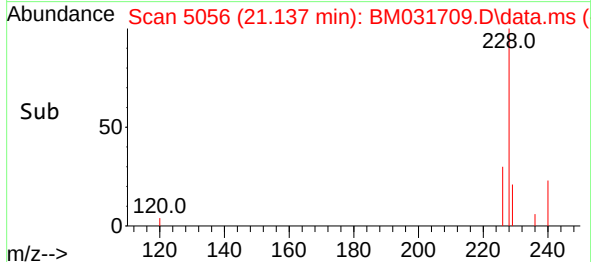
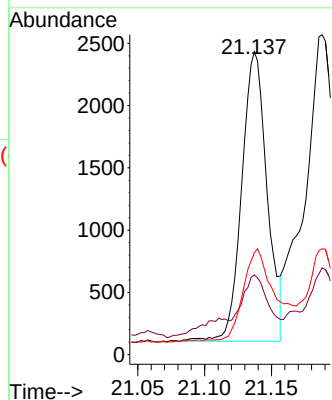
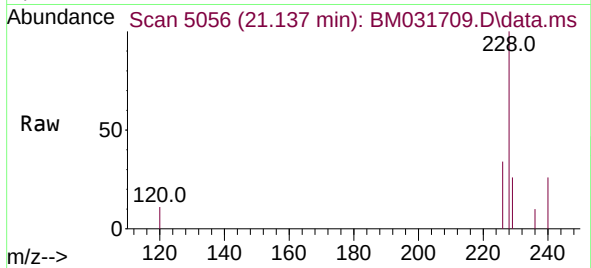
#21
Benzo(a)anthracene
Concen: 0.182 ng/u1
RT: 21.137 min Scan# 5056
Delta R.T. -0.007 min
Lab File: BM031709.D
Acq: 13 Aug 2021 11:26

Tgt Ion:228 Resp: 3065
Ion Ratio Lower Upper
228 100
229 26.3 15.6 23.4#
226 33.6 21.7 32.5#

Instrument :
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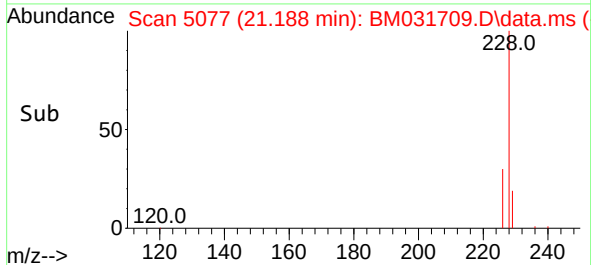
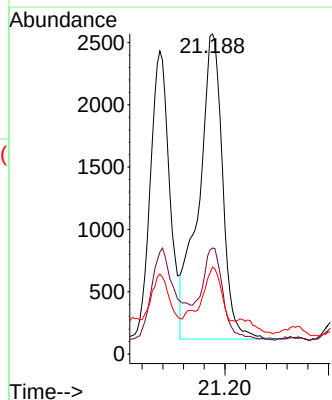
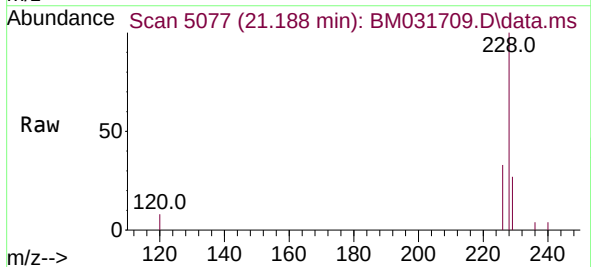
Manual Integrations
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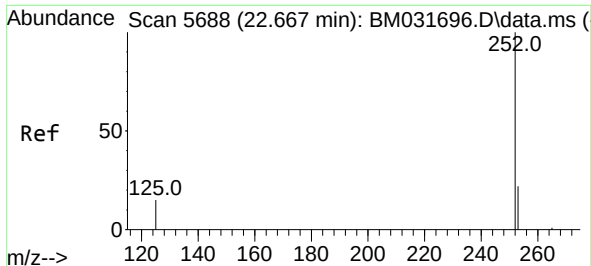
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#22
Chrysene
Concen: 0.227 ng/u1
RT: 21.188 min Scan# 5077
Delta R.T. -0.007 min
Lab File: BM031709.D
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Tgt Ion:228 Resp: 3942
Ion Ratio Lower Upper
228 100
226 33.1 24.7 37.1
229 27.1 16.2 24.2#





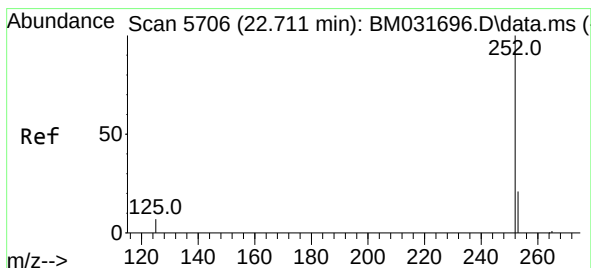
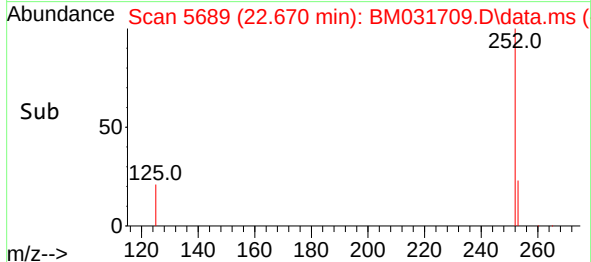
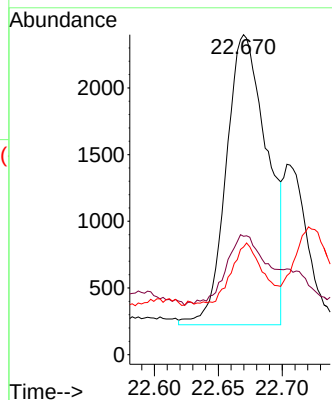
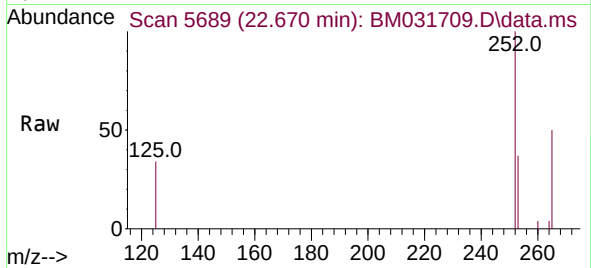
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Benzo(b)fluoranthene
Concen: 0.249 ng/ul m
RT: 22.670 min Scan# 5689
Delta R.T. -0.007 min
Lab File: BM031709.D
Acq: 13 Aug 2021 11:26

Tgt Ion:252 Resp: 4848
Ion Ratio Lower Upper
252 100
253 37.0 0.0 53.0
125 33.6 0.0 22.8#

Instrument :
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C00C3

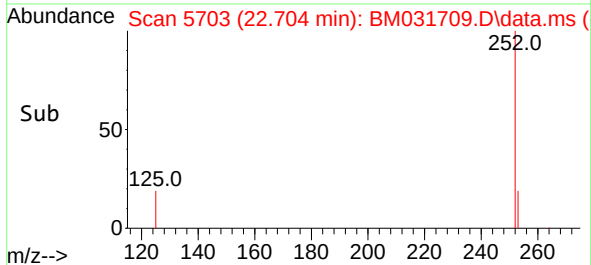
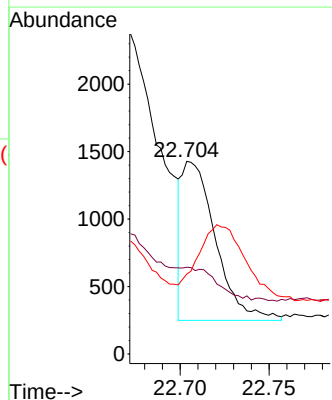
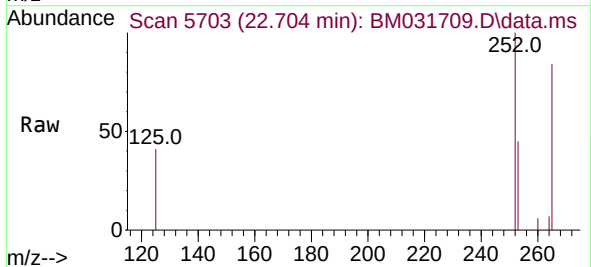
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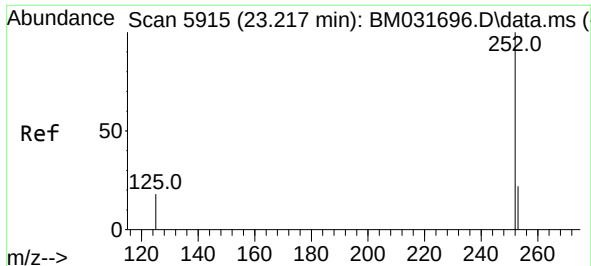
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#25
Benzo(k)fluoranthene
Concen: 0.077 ng/ul m
RT: 22.704 min Scan# 5703
Delta R.T. -0.017 min
Lab File: BM031709.D
Acq: 13 Aug 2021 11:26

Tgt Ion:252 Resp: 1553
Ion Ratio Lower Upper
252 100
253 45.0 21.3 31.9#
125 41.5 8.8 13.2#





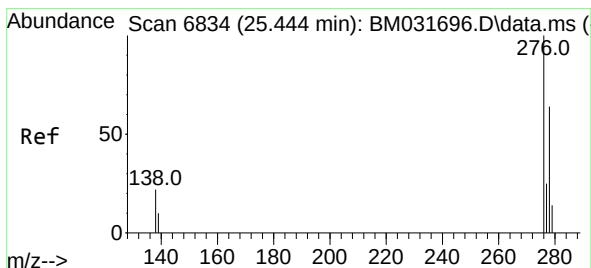
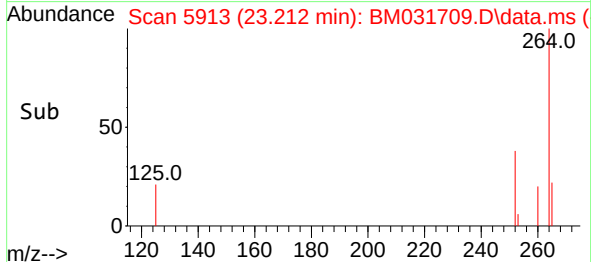
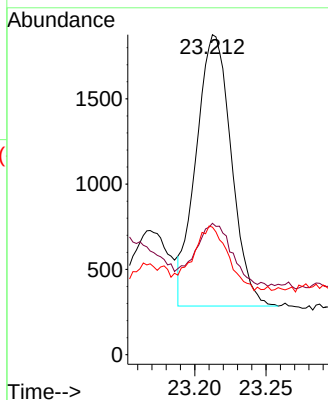
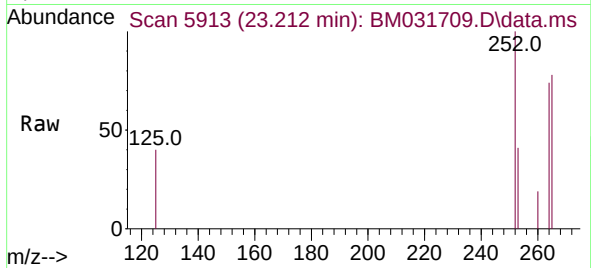
#26
Benzo(a)pyrene
Concen: 0.161 ng/ul
RT: 23.212 min Scan# 5913
Delta R.T. -0.014 min
Lab File: BM031709.D
Acq: 13 Aug 2021 11:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	41.0	22.4	33.6#
125	39.9	13.0	19.4#

Instrument :
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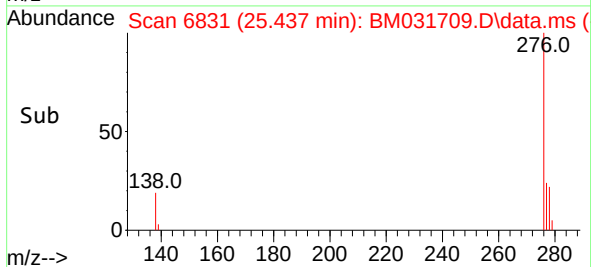
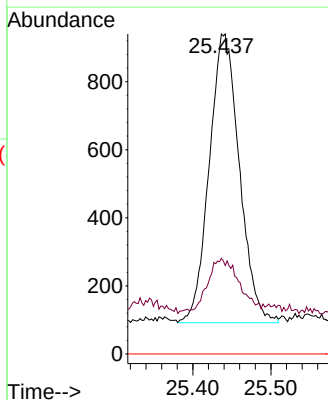
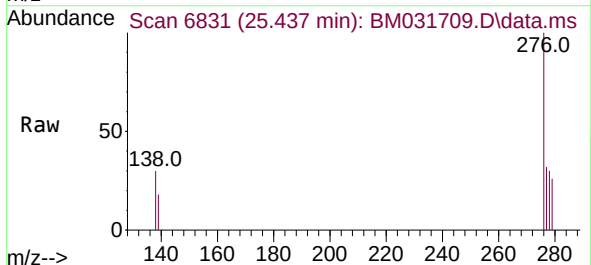
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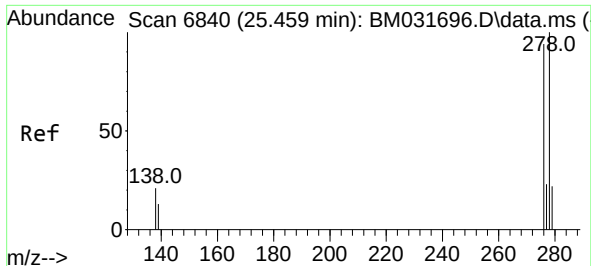
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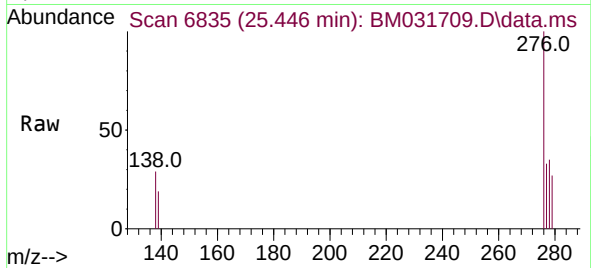
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.103 ng/ul
RT: 25.437 min Scan# 6831
Delta R.T. -0.024 min
Lab File: BM031709.D
Acq: 13 Aug 2021 11:26

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

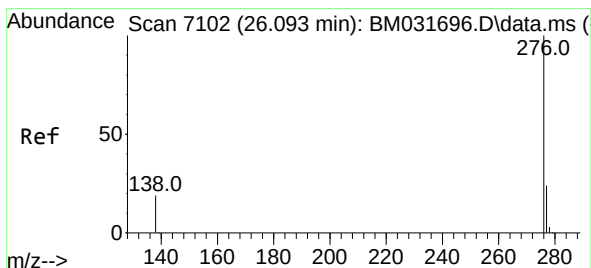
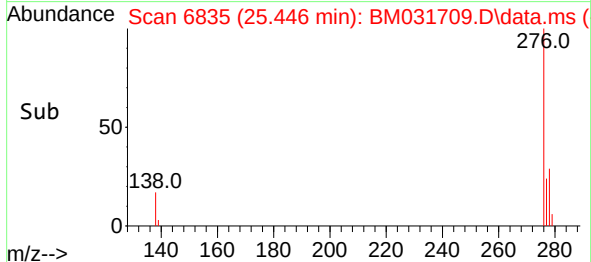
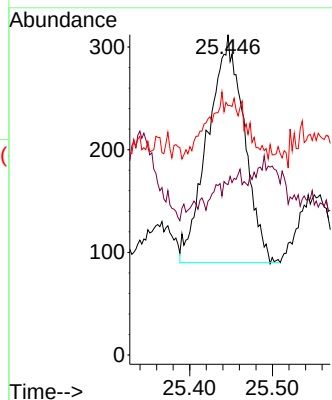




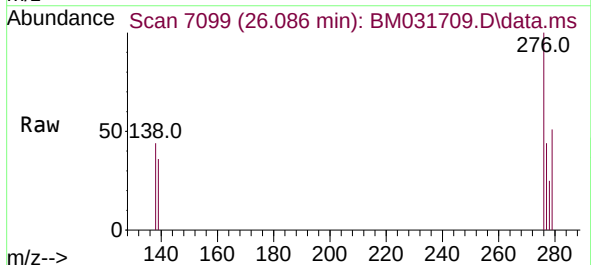
#28
Dibenzo(a,h)anthracene
Concen: 0.038 ng/ul
RT: 25.446 min Scan# 6835
Delta R.T. -0.026 min
Lab File: BM031709.D
Acq: 13 Aug 2021 11:26



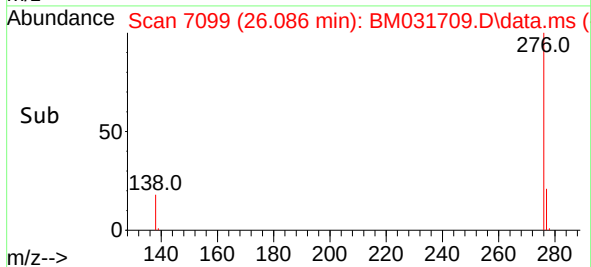
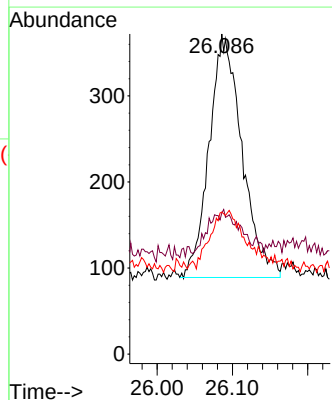
Tgt Ion: 278 Resp: 677
Ion Ratio Lower Upper
278 100
139 53.2 13.3 19.9#
279 77.9 22.8 34.2#



#29
Benzo(g,h,i)perylene
Concen: 0.046 ng/ul
RT: 26.086 min Scan# 7099
Delta R.T. -0.021 min
Lab File: BM031709.D
Acq: 13 Aug 2021 11:26



Tgt Ion: 276 Resp: 857
Ion Ratio Lower Upper
276 100
138 44.1 15.4 23.2#
277 44.4 19.9 29.9#



Instrument :
BNA_M
ClientSampleId :
C00C3

Manual Integrations
APPROVED

mohammad
8/13/2021 5:15:31 PM