

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
 Data File : BM031699.D
 Acq On : 13 Aug 2021 05:18
 Operator : CG/JU
 Sample : M3182-10DL 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00C8DL

Manual Integrations
 APPROVED

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Quant Time: Aug 13 05:49:37 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	1568	0.400	ng/ul	0.00
4) Naphthalene-d8	10.329	136	5705	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.201	164	3181	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.954	188	6020	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.152	240	5090	0.400	ng/ul	# 0.00
23) Perylene-d12	23.304	264	5105	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.186	96	740	0.425	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.926	152	260	0.027	ng/ul	0.00
18) Fluoranthene-d10	18.986	212	521	0.031	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.379	128	6998	0.412	ng/ul	99
7) 2-Methylnaphthalene	11.998	142	4266	0.367	ng/ul	100
8) 1-Methylnaphthalene	12.223	142	2073	0.181	ng/ul	100
10) Acenaphthylene	13.923	152	9845	0.727	ng/ul	99
11) Acenaphthene	14.269	153	345	0.030	ng/ul#	87
12) Fluorene	15.259	166	668	0.051	ng/ul#	84
15) Phenanthrene	16.995	178	18226	0.953	ng/ul	98
16) Anthracene	17.086	178	7713	0.431	ng/ul	99
19) Fluoranthene	19.016	202	54603	2.512	ng/ul	97
20) Pyrene	19.378	202	53116	2.409	ng/ul	96
21) Benzo(a)anthracene	21.135	228	38951	1.895	ng/ul	95
22) Chrysene	21.185	228	47052	2.213	ng/ul	98
24) Benzo(b)fluoranthene	22.667	252	67869m	2.951	ng/ul	
25) Benzo(k)fluoranthene	22.704	252	23189m	0.976	ng/ul	
26) Benzo(a)pyrene	23.210	252	40105	1.991	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.429	276	29122	1.118	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.439	278	7229	0.344	ng/ul#	90
29) Benzo(g,h,i)perylene	26.083	276	8243	0.371	ng/ul#	93

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

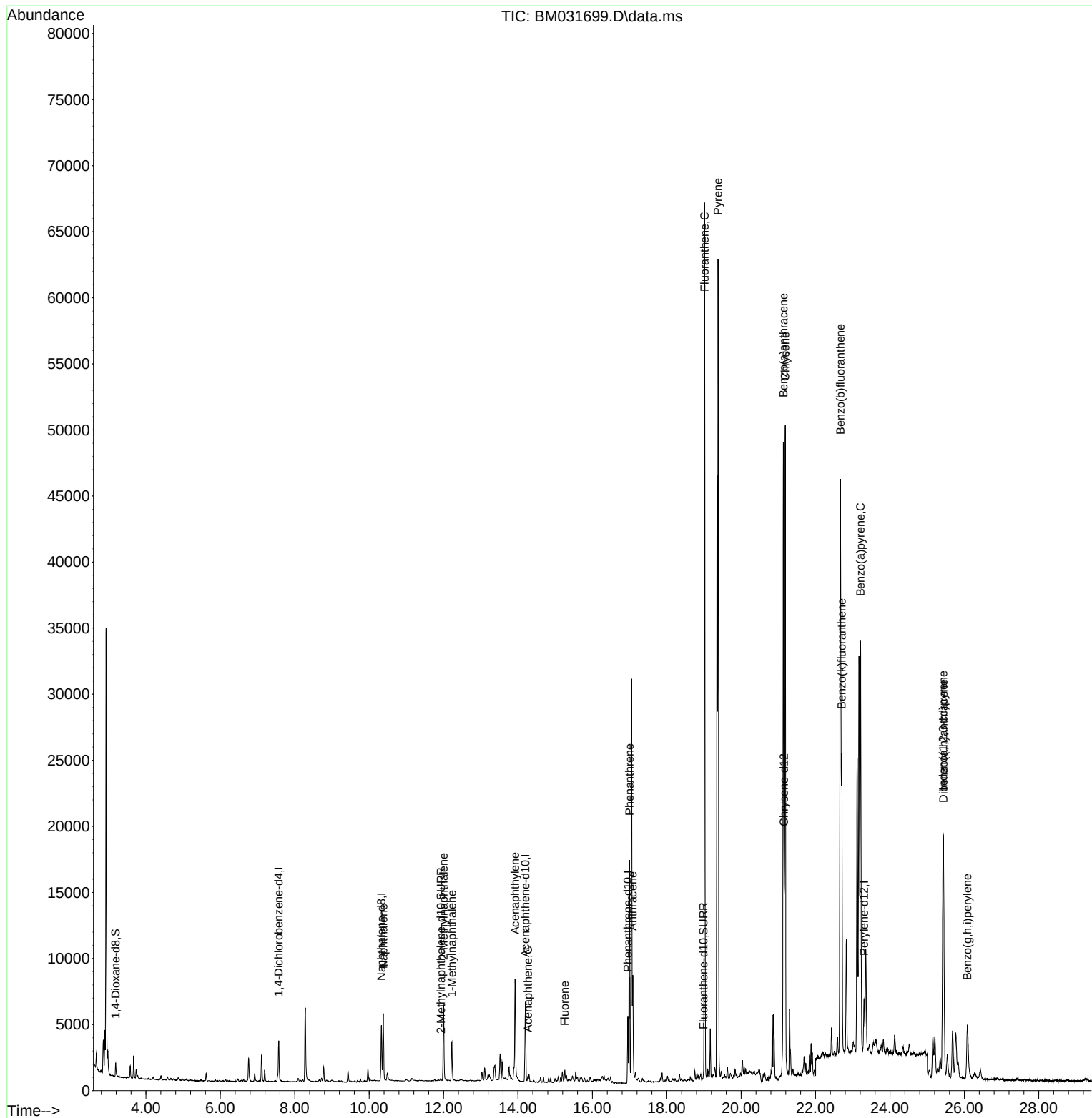
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Data File : BM031699.D
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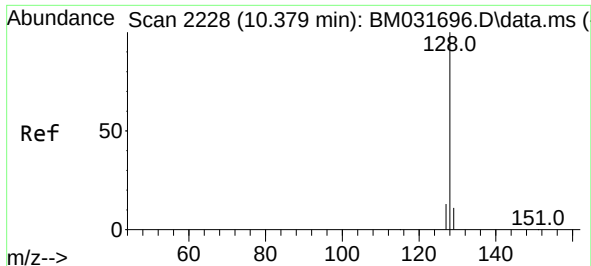
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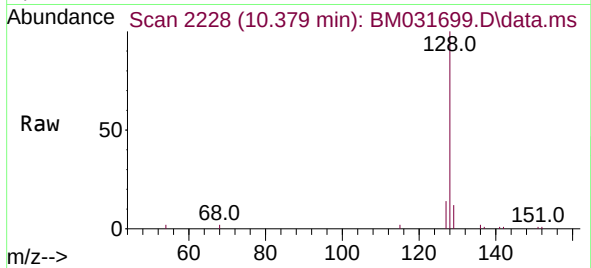
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Quant Time: Aug 13 05:49:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 13 05:12:04 2021
Response via : Initial Calibration

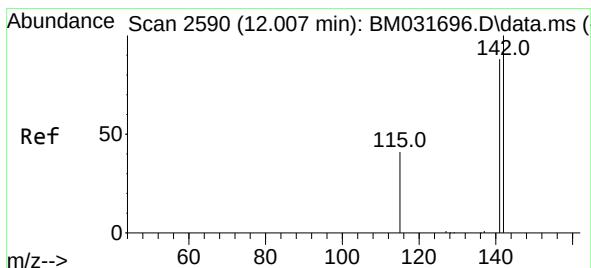
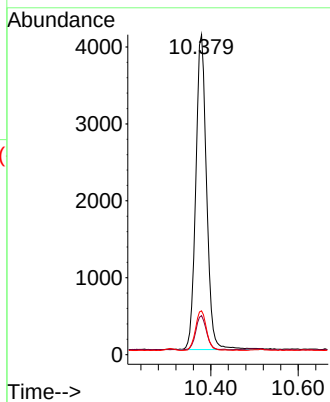
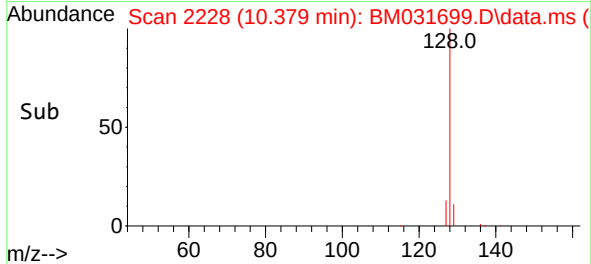




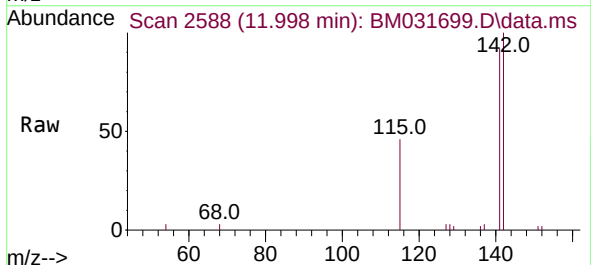
#5
Naphthalene
Concen: 0.412 ng/ul
RT: 10.379 min Scan# 2228
Delta R.T. -0.004 min
Lab File: BM031699.D
Acq: 13 Aug 2021 05:18



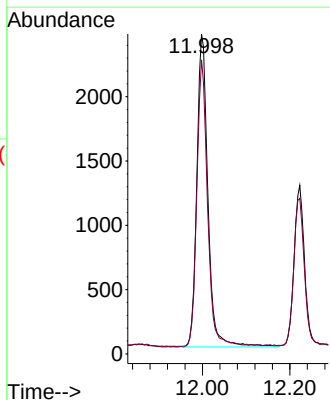
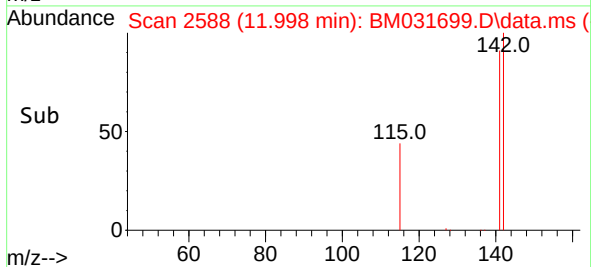
Tgt Ion:128 Resp: 6998
Ion Ratio Lower Upper
128 100
129 12.2 10.0 15.0
127 13.7 11.6 17.4



#7
2-Methylnaphthalene
Concen: 0.367 ng/ul
RT: 11.998 min Scan# 2588
Delta R.T. -0.008 min
Lab File: BM031699.D
Acq: 13 Aug 2021 05:18



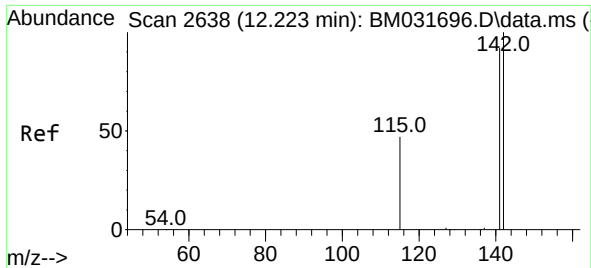
Tgt Ion:142 Resp: 4266
Ion Ratio Lower Upper
142 100
141 89.2 71.4 107.0



Instrument :
BNA_M
ClientSampleId :
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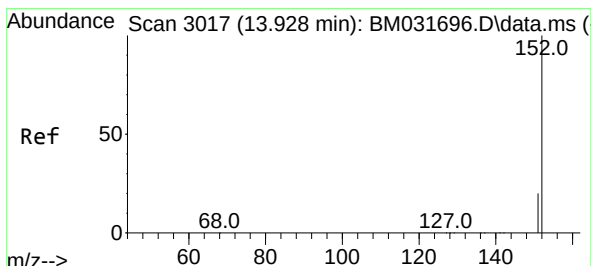
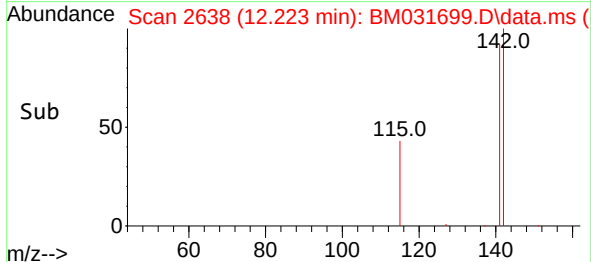
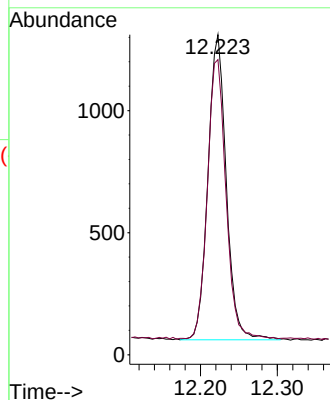
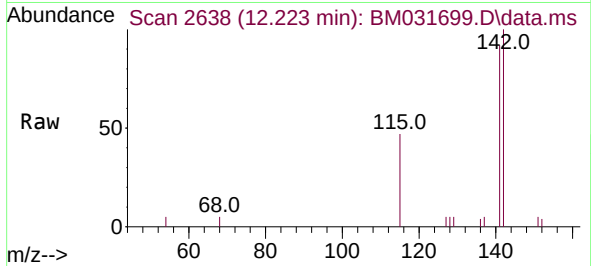
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1-Methylnaphthalene
Concen: 0.181 ng/ul
RT: 12.223 min Scan# 2638
Delta R.T. -0.004 min
Lab File: BM031699.D
Acq: 13 Aug 2021 05:18

Tgt Ion:142 Resp: 2073
Ion Ratio Lower Upper
142 100
141 92.7 74.1 111.1

Instrument :
BNA_M
ClientSampled :
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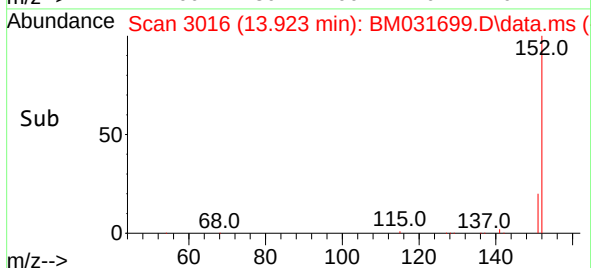
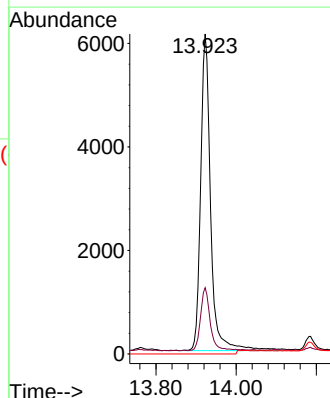
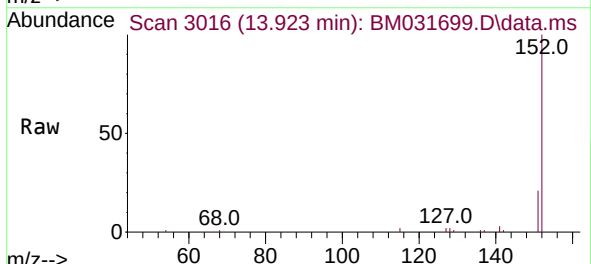
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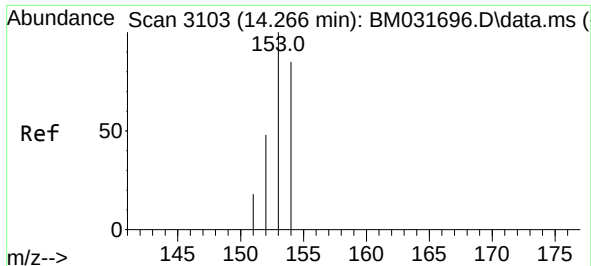
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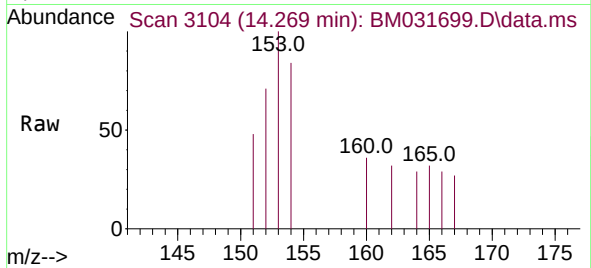
#10
Acenaphthylene
Concen: 0.727 ng/ul
RT: 13.923 min Scan# 3016
Delta R.T. -0.008 min
Lab File: BM031699.D
Acq: 13 Aug 2021 05:18

Tgt Ion:152 Resp: 9845
Ion Ratio Lower Upper
152 100
151 20.7 16.9 25.3
153 0.0 0.0 0.0

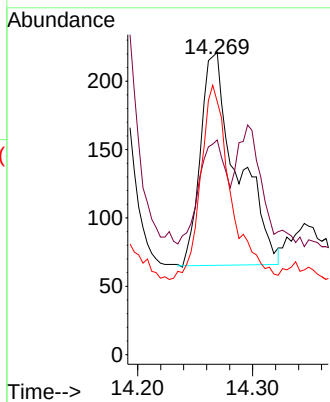
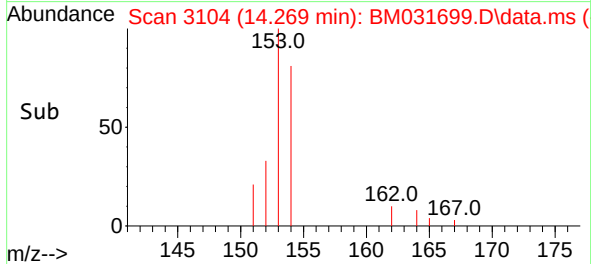




#11
Acenaphthene
Concen: 0.030 ng/uI
RT: 14.269 min Scan# 3104
Delta R.T. -0.003 min
Lab File: BM031699.D
Acq: 13 Aug 2021 05:18



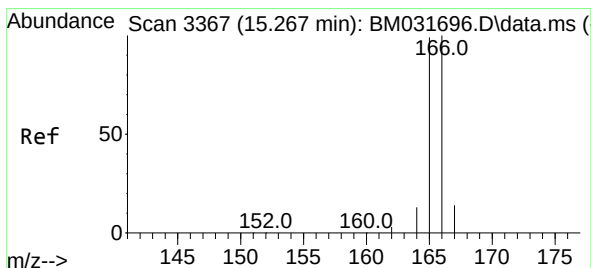
Tgt Ion:153 Resp: 345
Ion Ratio Lower Upper
153 100
152 71.0 40.7 61.1#
154 83.7 70.2 105.2



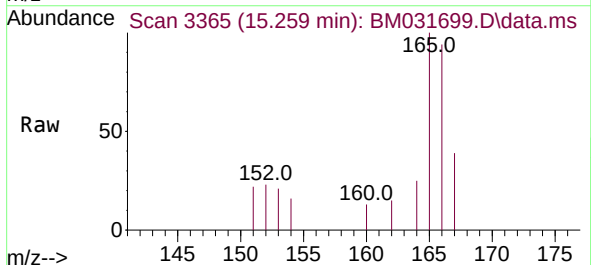
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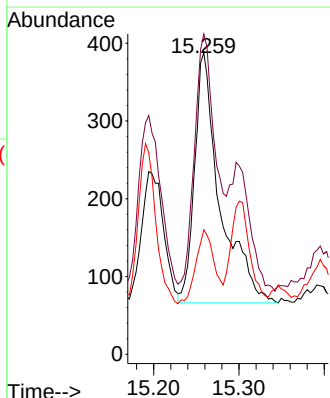
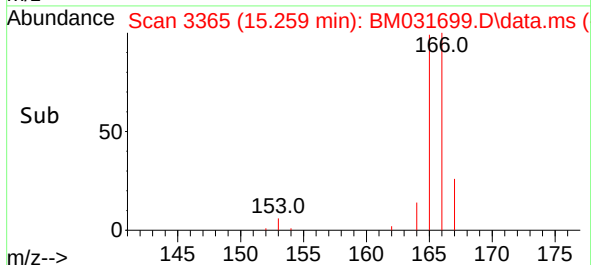
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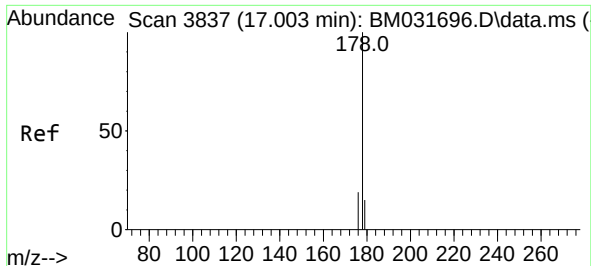


#12
Fluorene
Concen: 0.051 ng/uI
RT: 15.259 min Scan# 3365
Delta R.T. -0.011 min
Lab File: BM031699.D
Acq: 13 Aug 2021 05:18



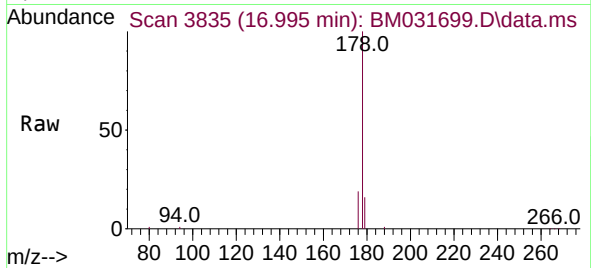
Tgt Ion:166 Resp: 668
Ion Ratio Lower Upper
166 100
165 106.2 78.0 117.0
167 41.2 12.0 18.0#





#15
Phenanthrene
Concen: 0.953 ng/ul
RT: 16.995 min Scan# 3835
Delta R.T. -0.007 min
Lab File: BM031699.D
Acq: 13 Aug 2021 05:18

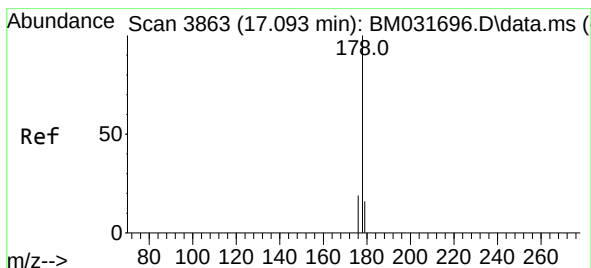
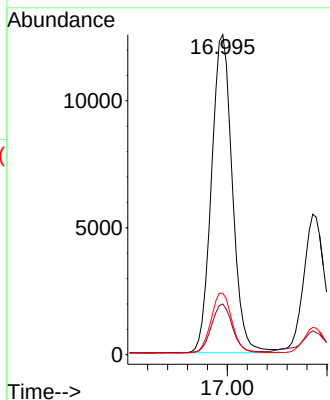
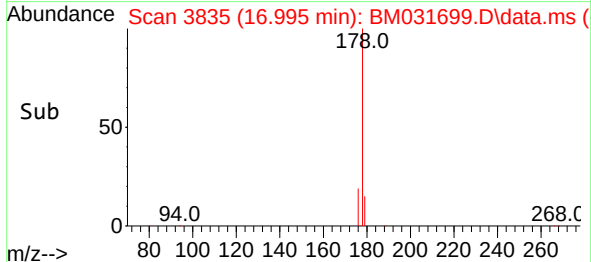
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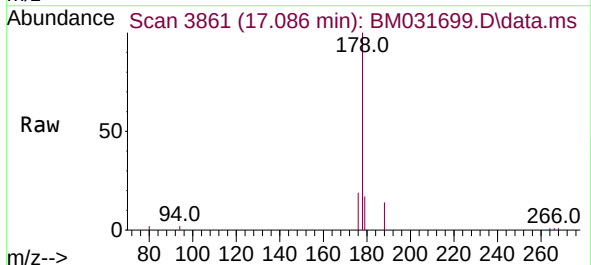
Tgt Ion:178 Resp: 18226
Ion Ratio Lower Upper
178 100
179 15.9 13.3 19.9
176 19.2 16.2 24.4

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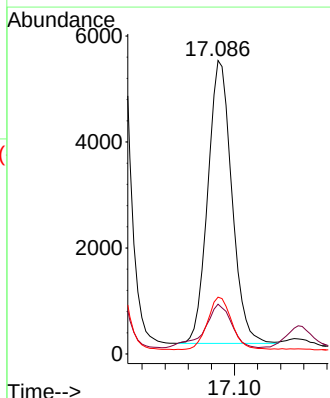
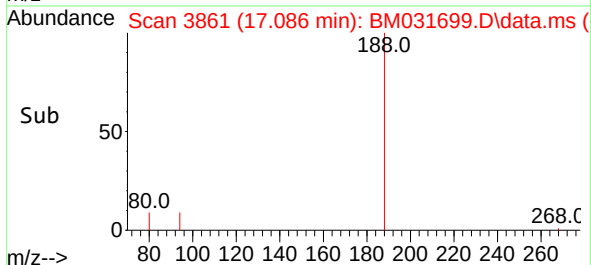
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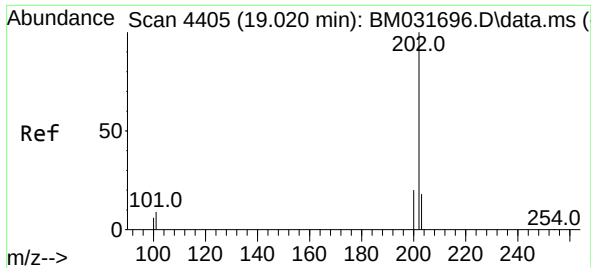


#16
Anthracene
Concen: 0.431 ng/ul
RT: 17.086 min Scan# 3861
Delta R.T. -0.010 min
Lab File: BM031699.D
Acq: 13 Aug 2021 05:18



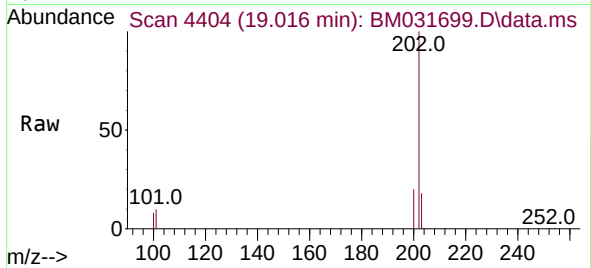
Tgt Ion:178 Resp: 7713
Ion Ratio Lower Upper
178 100
179 17.0 13.0 19.6
176 19.3 15.6 23.4





#19
Fluoranthene
Concen: 2.512 ng/u1
RT: 19.016 min Scan# 4404
Delta R.T. -0.011 min
Lab File: BM031699.D
Acq: 13 Aug 2021 05:18

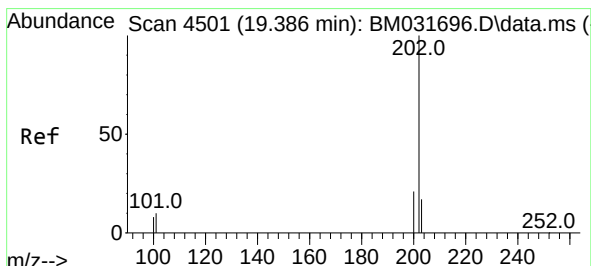
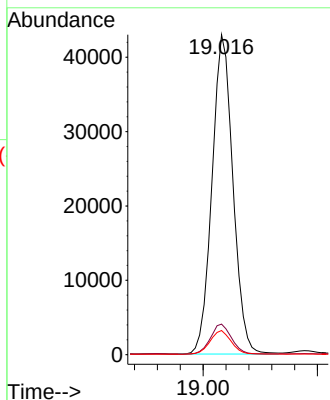
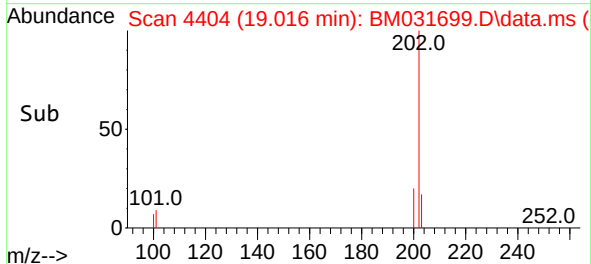
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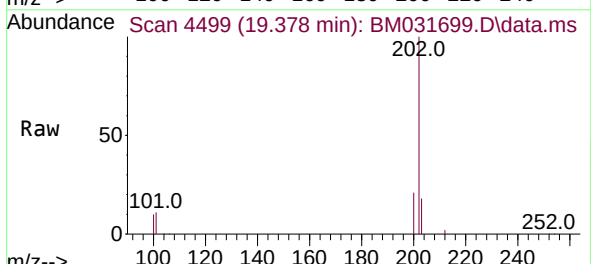
Tgt Ion:202 Resp: 54603
Ion Ratio Lower Upper
202 100
101 9.6 6.6 10.0
100 7.6 5.4 8.0

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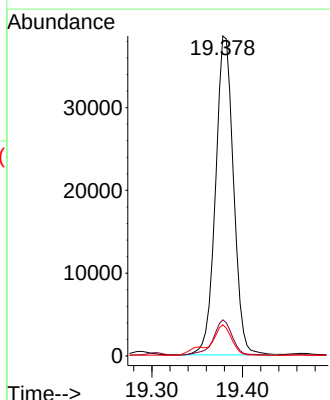
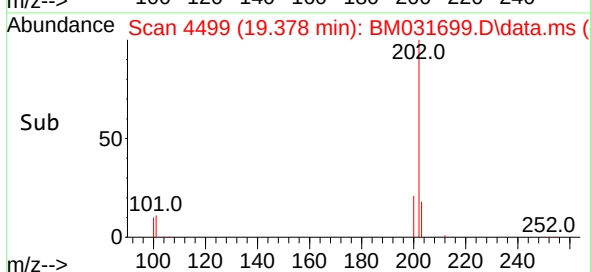
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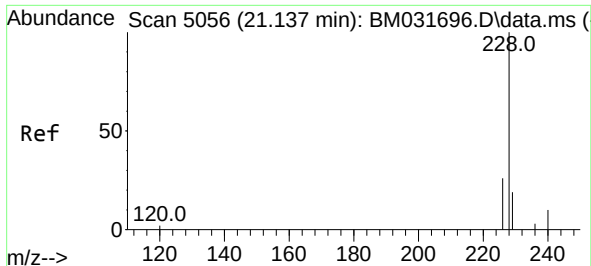


#20
Pyrene
Concen: 2.409 ng/u1
RT: 19.378 min Scan# 4499
Delta R.T. -0.011 min
Lab File: BM031699.D
Acq: 13 Aug 2021 05:18



Tgt Ion:202 Resp: 53116
Ion Ratio Lower Upper
202 100
101 11.3 7.8 11.6
100 9.7 6.6 10.0





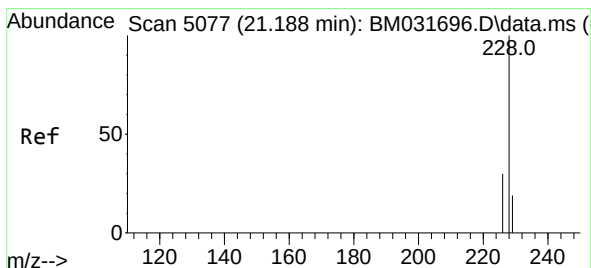
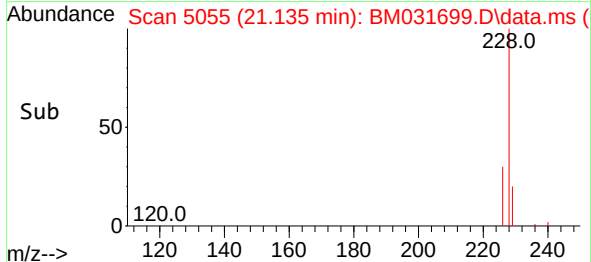
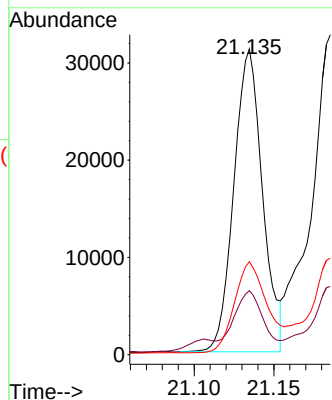
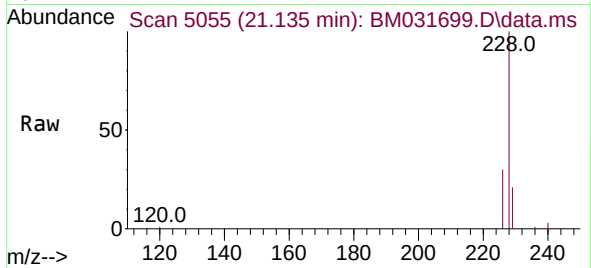
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Benzo(a)anthracene
Concen: 1.895 ng/ul
RT: 21.135 min Scan# 5055
Delta R.T. -0.009 min
Lab File: BM031699.D
Acq: 13 Aug 2021 05:18

Tgt Ion:228 Resp: 38951
Ion Ratio Lower Upper
228 100
229 20.9 15.6 23.4
226 30.4 21.7 32.5

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C00C8DL

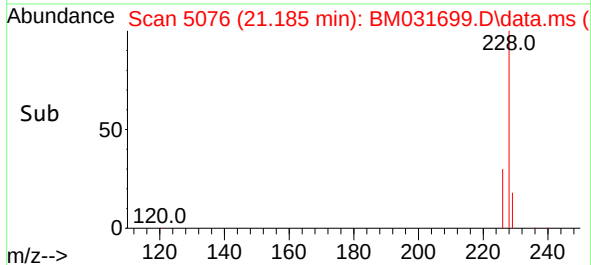
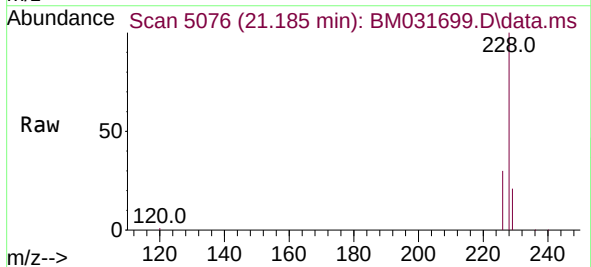
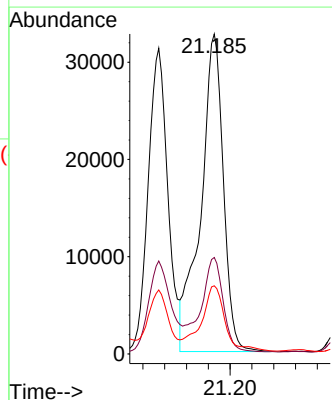
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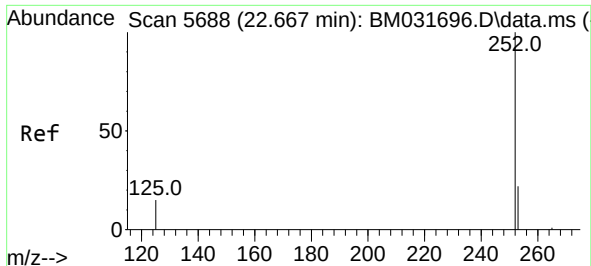
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#22
Chrysene
Concen: 2.213 ng/ul
RT: 21.185 min Scan# 5076
Delta R.T. -0.009 min
Lab File: BM031699.D
Acq: 13 Aug 2021 05:18

Tgt Ion:228 Resp: 47052
Ion Ratio Lower Upper
228 100
226 30.1 24.7 37.1
229 21.3 16.2 24.2





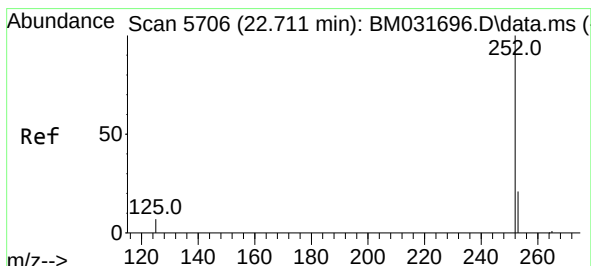
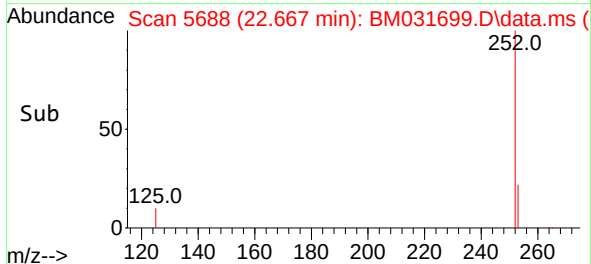
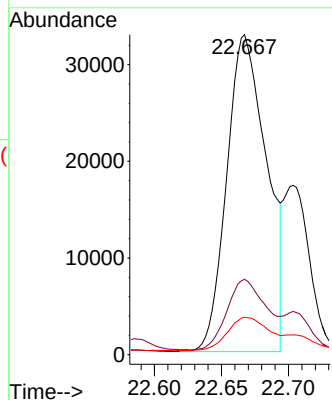
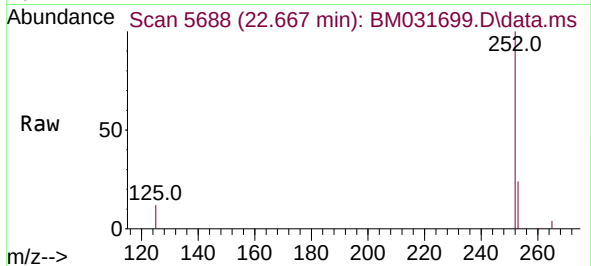
#24
Benzo(b)fluoranthene
Concen: 2.951 ng/ul m
RT: 22.667 min Scan# 5688
Delta R.T. -0.009 min
Lab File: BM031699.D
Acq: 13 Aug 2021 05:18

Tgt Ion:252 Resp: 67869
Ion Ratio Lower Upper
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253 23.6 0.0 53.0
125 11.7 0.0 22.8

Instrument :
BNA_M
ClientSampled :
C00C8DL

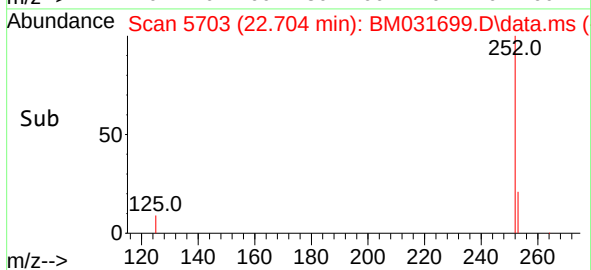
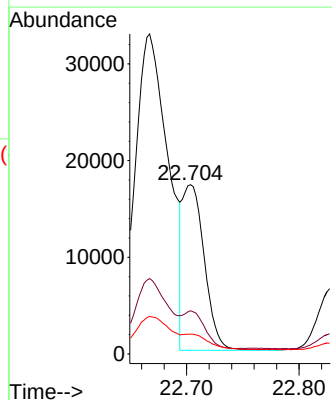
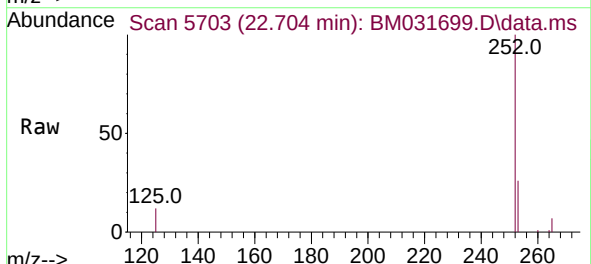
Manual Integrations
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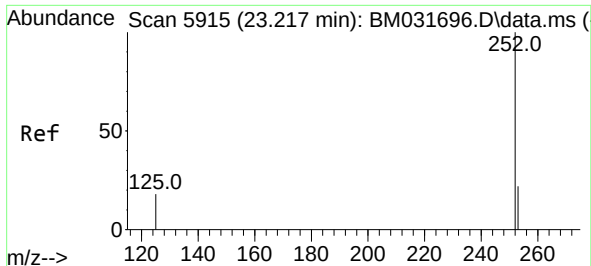
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#25
Benzo(k)fluoranthene
Concen: 0.976 ng/ul m
RT: 22.704 min Scan# 5703
Delta R.T. -0.017 min
Lab File: BM031699.D
Acq: 13 Aug 2021 05:18

Tgt Ion:252 Resp: 23189
Ion Ratio Lower Upper
252 100
253 25.5 21.3 31.9
125 11.8 8.8 13.2





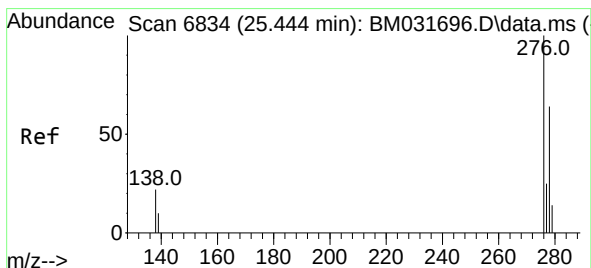
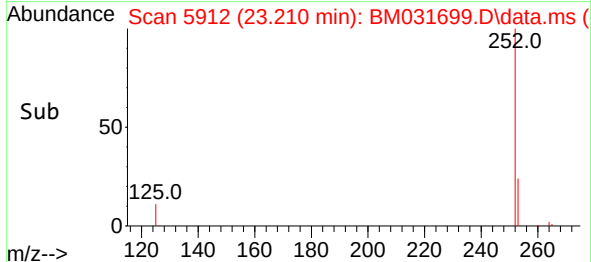
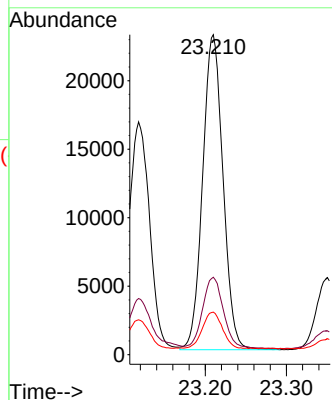
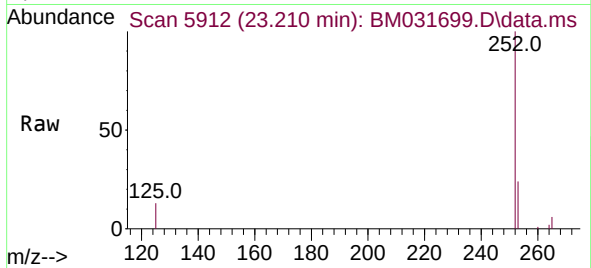
#26
Benzo(a)pyrene
Concen: 1.991 ng/ul
RT: 23.210 min Scan# 5912
Delta R.T. -0.017 min
Lab File: BM031699.D
Acq: 13 Aug 2021 05:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	22.4	33.6
125	13.3	13.0	19.4

Instrument :
BNA_M
ClientSampleId :
C00C8DL

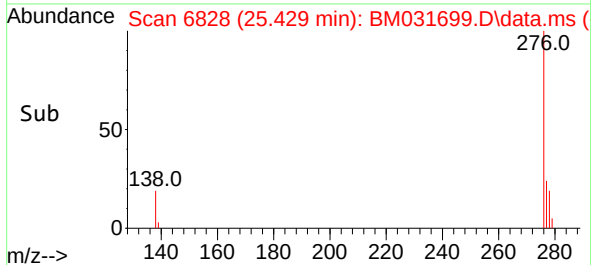
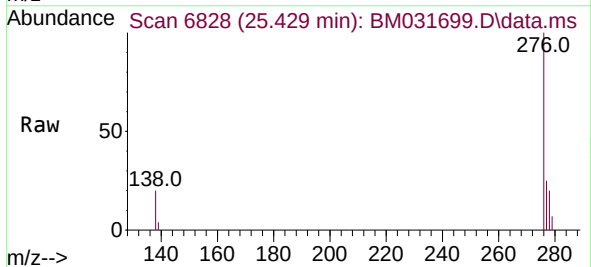
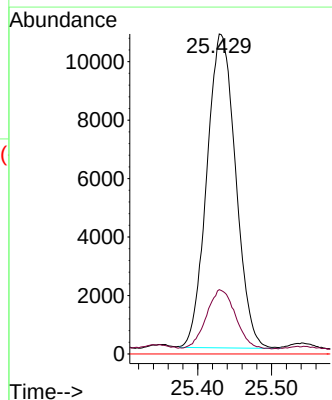
Manual Integrations
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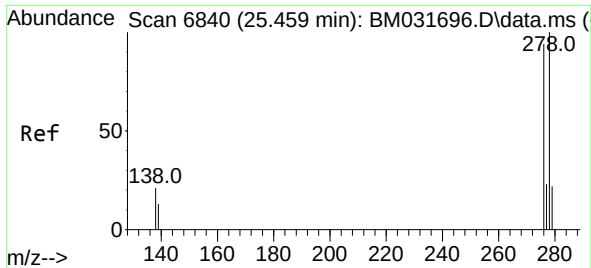
mohammad
8/13/2021 5:15:04 PM



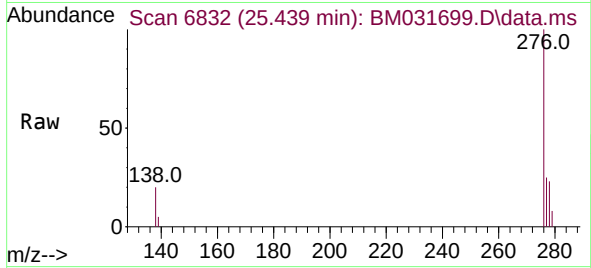
#27
Indeno(1,2,3-cd)pyrene
Concen: 1.118 ng/ul
RT: 25.429 min Scan# 6828
Delta R.T. -0.031 min
Lab File: BM031699.D
Acq: 13 Aug 2021 05:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.3	15.8	23.8
227	0.0	0.0	0.0

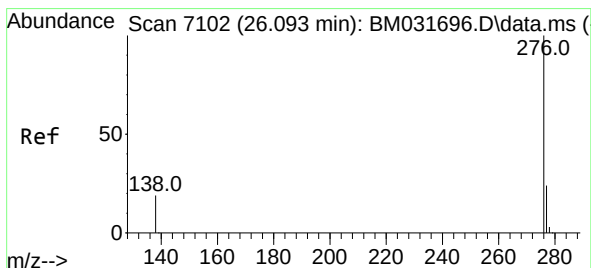
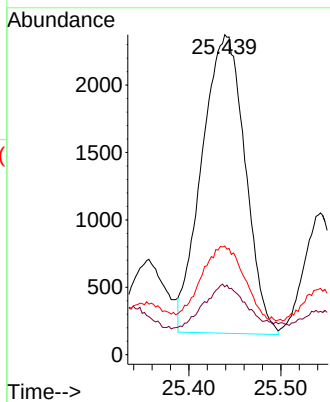
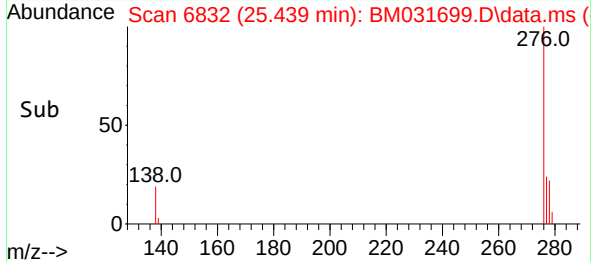




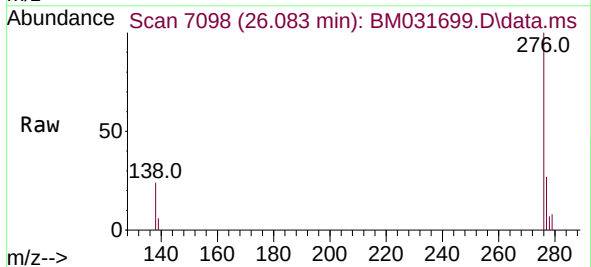
#28
Dibenzo(a,h)anthracene
Concen: 0.344 ng/ul
RT: 25.439 min Scan# 6832
Delta R.T. -0.034 min
Lab File: BM031699.D
Acq: 13 Aug 2021 05:18



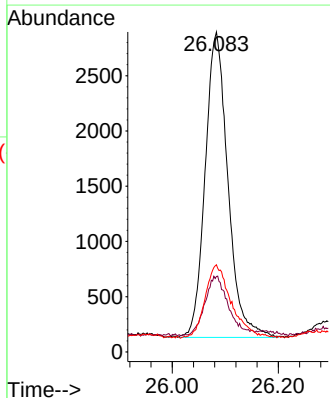
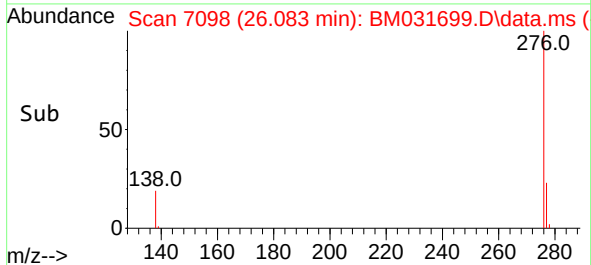
Tgt Ion: 278 Resp: 7229
Ion Ratio Lower Upper
278 100
139 21.2 13.3 19.9#
279 34.0 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.371 ng/ul
RT: 26.083 min Scan# 7098
Delta R.T. -0.024 min
Lab File: BM031699.D
Acq: 13 Aug 2021 05:18



Tgt Ion: 276 Resp: 8243
Ion Ratio Lower Upper
276 100
138 23.6 15.4 23.2#
277 27.2 19.9 29.9



Instrument :
BNA_M
ClientSampleId :
C00C8DL

Manual Integrations
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mohammad
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