

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
 Data File : BM031708.D
 Acq On : 13 Aug 2021 10:49
 Operator : CG/JU
 Sample : M3182-19DL 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00D7DL

Manual Integrations
 APPROVED

mohammad
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Quant Time: Aug 13 11:20:18 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	1438	0.400	ng/ul	0.00
4) Naphthalene-d8	10.329	136	5144	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.201	164	2801	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.954	188	5416	0.400	ng/ul	-0.01
17) Chrysene-d12	21.149	240	4594	0.400	ng/ul	# 0.00
23) Perylene-d12	23.304	264	4705	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.186	96	737	0.461	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.926	152	276	0.032	ng/ul	0.00
18) Fluoranthene-d10	18.986	212	564	0.037	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.379	128	942	0.061	ng/ul#	86
7) 2-Methylnaphthalene	12.002	142	729	0.070	ng/ul	99
8) 1-Methylnaphthalene	12.223	142	483	0.047	ng/ul	100
10) Acenaphthylene	13.923	152	4312	0.361	ng/ul	98
11) Acenaphthene	14.265	153	439	0.044	ng/ul#	92
12) Fluorene	15.259	166	665	0.058	ng/ul#	86
15) Phenanthrene	16.992	178	29604	1.721	ng/ul	98
16) Anthracene	17.086	178	4109	0.255	ng/ul	98
19) Fluoranthene	19.016	202	64001	3.263	ng/ul	99
20) Pyrene	19.378	202	47950	2.410	ng/ul	97
21) Benzo(a)anthracene	21.135	228	21797	1.175	ng/ul	96
22) Chrysene	21.185	228	27777	1.447	ng/ul	98
24) Benzo(b)fluoranthene	22.667	252	38196m	1.802	ng/ul	
25) Benzo(k)fluoranthene	22.704	252	15506m	0.708	ng/ul	
26) Benzo(a)pyrene	23.210	252	23457	1.264	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.432	276	17430	0.726	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.439	278	4183	0.216	ng/ul#	82
29) Benzo(g,h,i)perylene	26.081	276	4797	0.234	ng/ul#	92

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

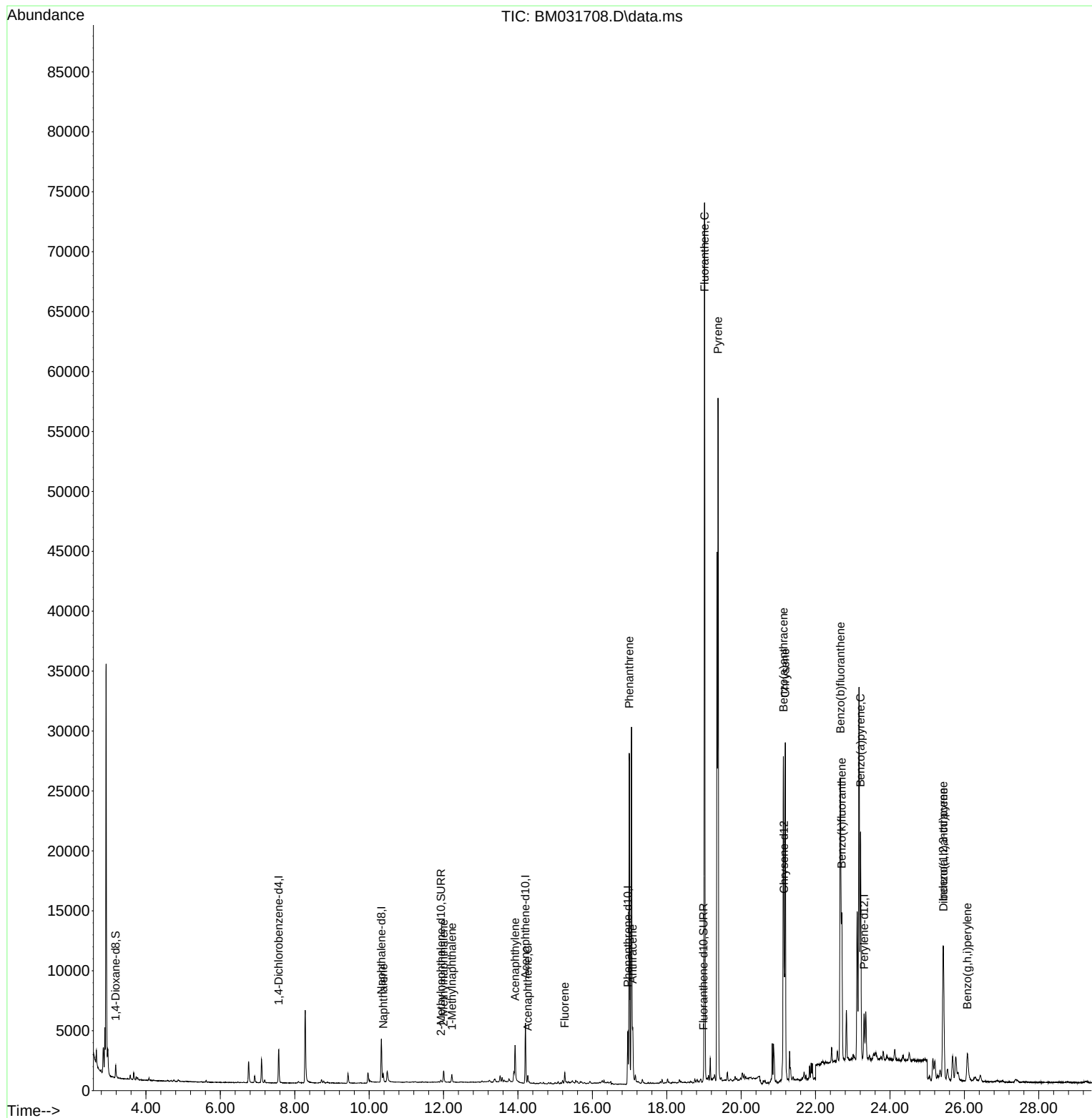
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
Data File : BM031708.D
Acq On : 13 Aug 2021 10:49
Operator : CG/JU
Sample : M3182-19DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

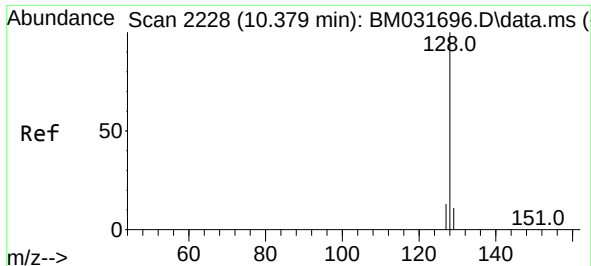
Instrument :
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ClientSampleId :
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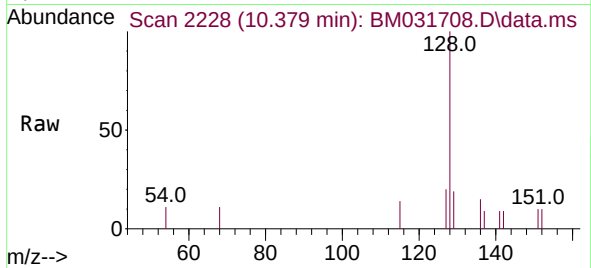
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Quant Time: Aug 13 11:20:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

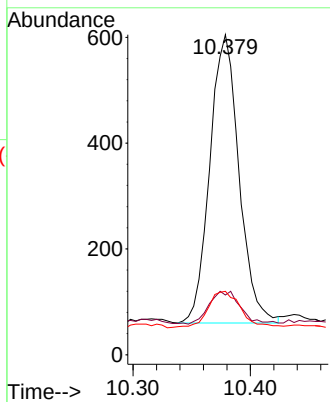
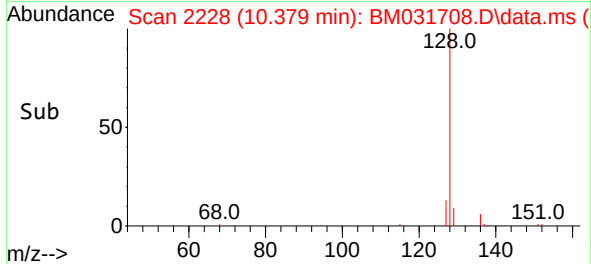




#5
Naphthalene
Concen: 0.061 ng/ul
RT: 10.379 min Scan# 2228
Delta R.T. -0.003 min
Lab File: BM031708.D
Acq: 13 Aug 2021 10:49



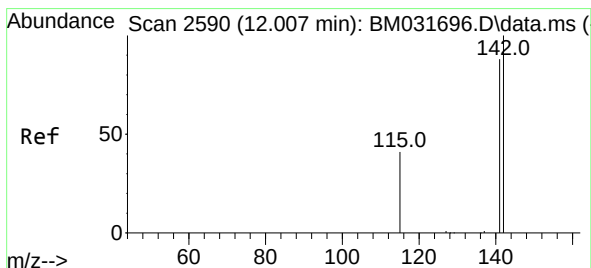
Tgt Ion:128 Resp: 942
Ion Ratio Lower Upper
128 100
129 18.7 10.0 15.0#
127 19.8 11.6 17.4#



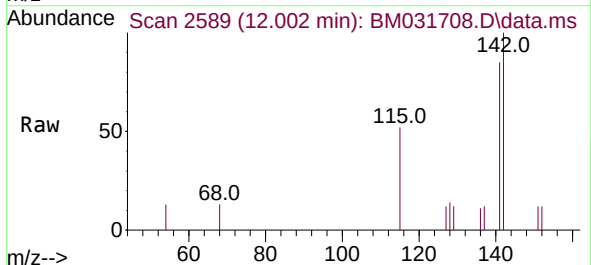
Instrument :
BNA_M
ClientSampleId :
C00D7DL

Manual Integrations
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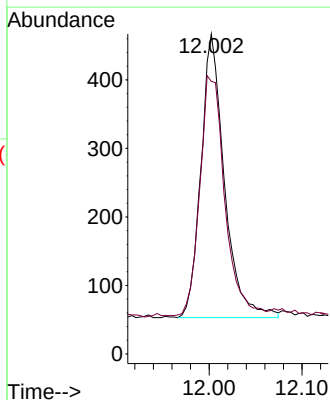
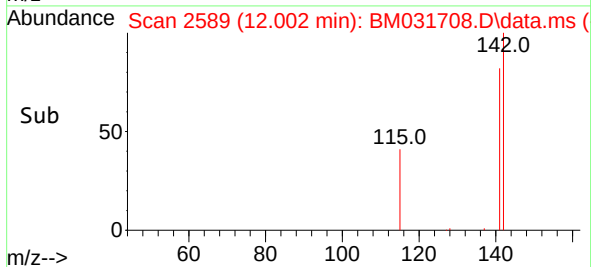
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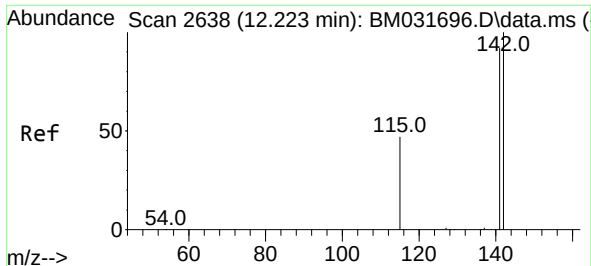


#7
2-Methylnaphthalene
Concen: 0.070 ng/ul
RT: 12.002 min Scan# 2589
Delta R.T. -0.003 min
Lab File: BM031708.D
Acq: 13 Aug 2021 10:49

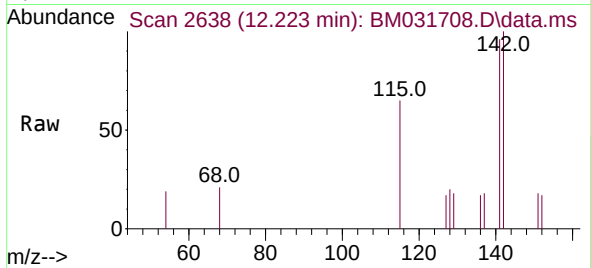


Tgt Ion:142 Resp: 729
Ion Ratio Lower Upper
142 100
141 89.7 71.4 107.0

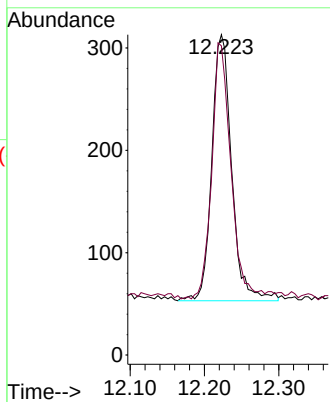
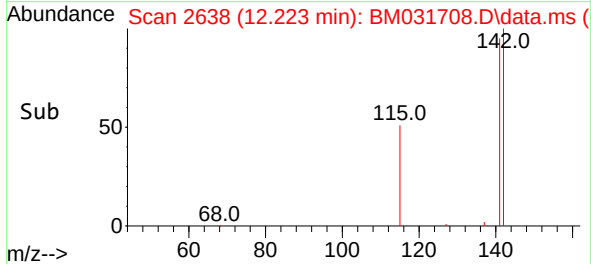




#8
1-Methylnaphthalene
Concen: 0.047 ng/ul
RT: 12.223 min Scan# 2638
Delta R.T. -0.003 min
Lab File: BM031708.D
Acq: 13 Aug 2021 10:49



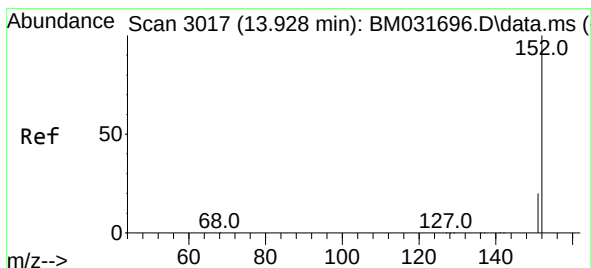
Tgt Ion:142 Resp: 483
Ion Ratio Lower Upper
142 100
141 92.3 74.1 111.1



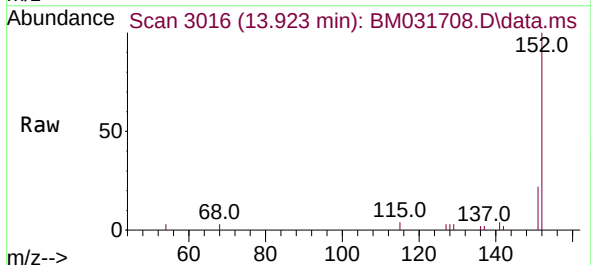
Instrument :
BNA_M
ClientSampled :
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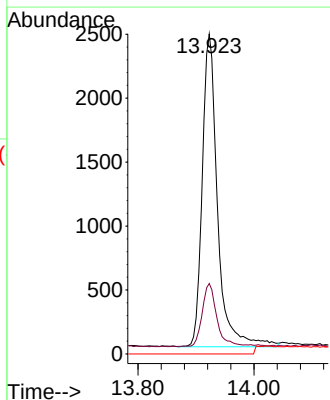
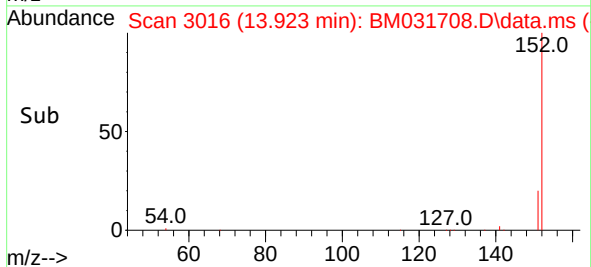
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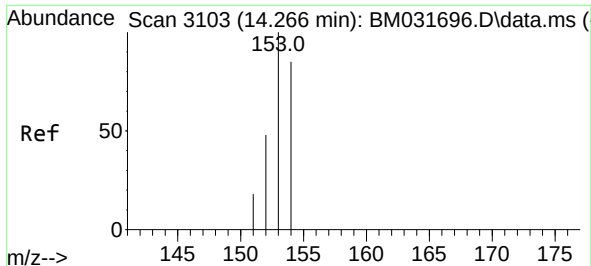


#10
Acenaphthylene
Concen: 0.361 ng/ul
RT: 13.923 min Scan# 3016
Delta R.T. -0.008 min
Lab File: BM031708.D
Acq: 13 Aug 2021 10:49



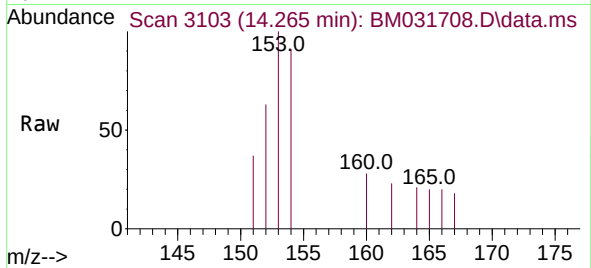
Tgt Ion:152 Resp: 4312
Ion Ratio Lower Upper
152 100
151 22.0 16.9 25.3
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.044 ng/ul
RT: 14.265 min Scan# 3103
Delta R.T. -0.007 min
Lab File: BM031708.D
Acq: 13 Aug 2021 10:49

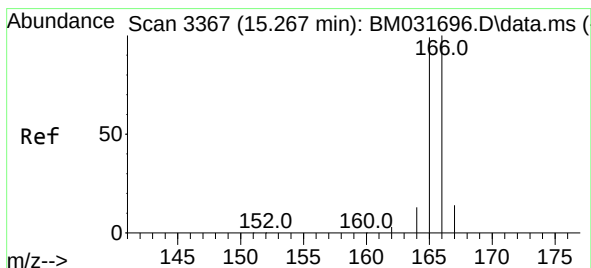
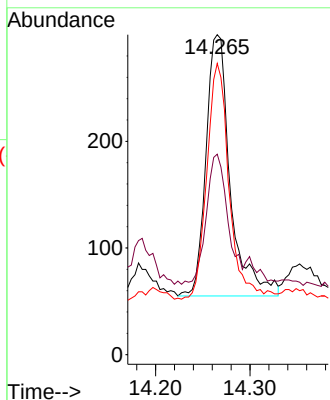
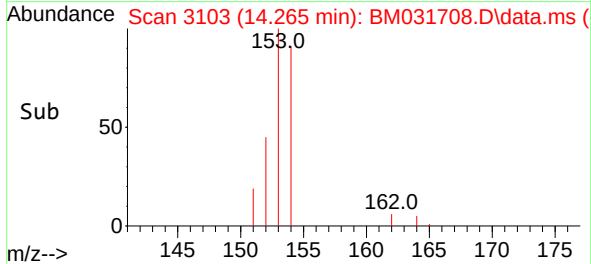
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ClientSampled :
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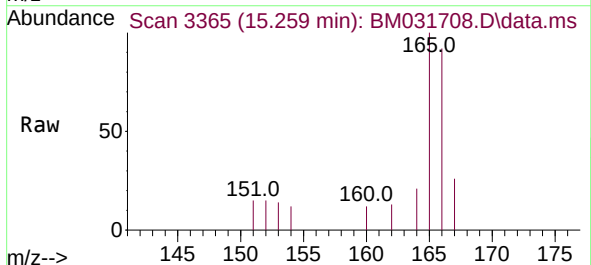
Tgt Ion:153 Resp: 439
Ion Ratio Lower Upper
153 100
152 62.7 40.7 61.1#
154 91.0 70.2 105.2

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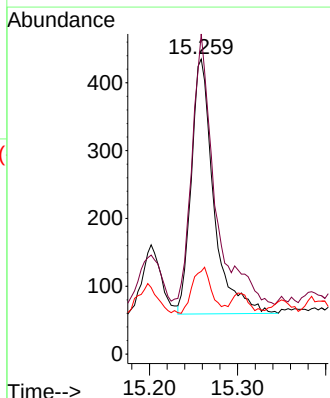
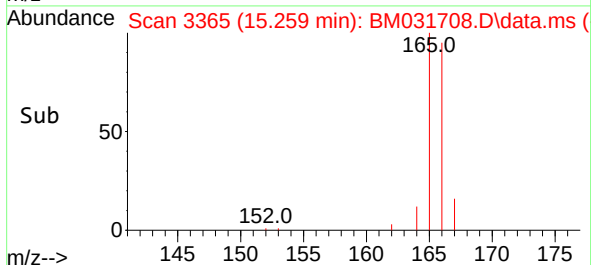
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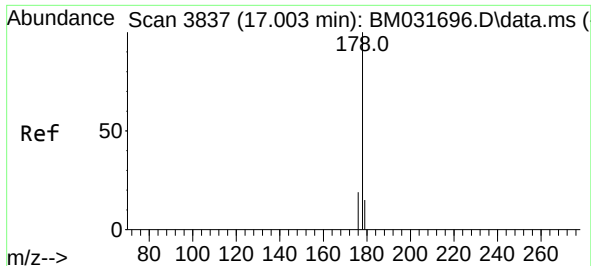


#12
Fluorene
Concen: 0.058 ng/ul
RT: 15.259 min Scan# 3365
Delta R.T. -0.011 min
Lab File: BM031708.D
Acq: 13 Aug 2021 10:49



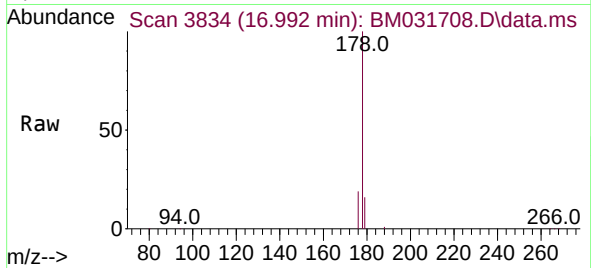
Tgt Ion:166 Resp: 665
Ion Ratio Lower Upper
166 100
165 108.5 78.0 117.0
167 28.0 12.0 18.0#





#15
Phenanthrene
Concen: 1.721 ng/ul
RT: 16.992 min Scan# 3834
Delta R.T. -0.010 min
Lab File: BM031708.D
Acq: 13 Aug 2021 10:49

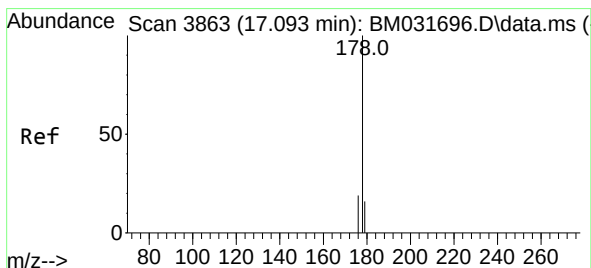
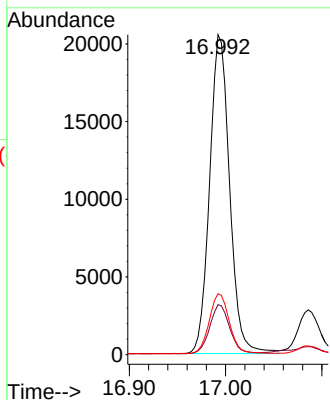
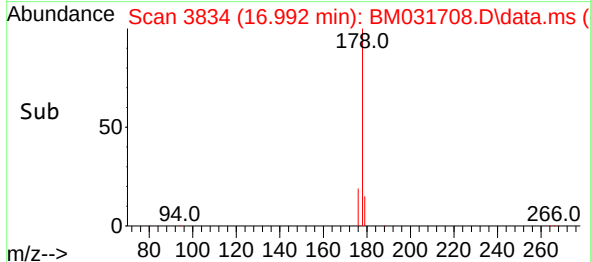
Instrument :
BNA_M
ClientSampled :
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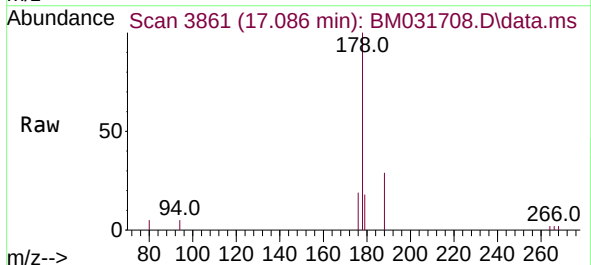
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.3	19.9
176	19.0	16.2	24.4

Manual Integrations
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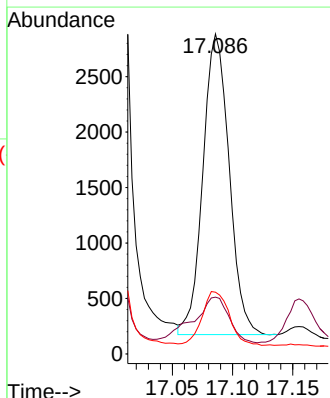
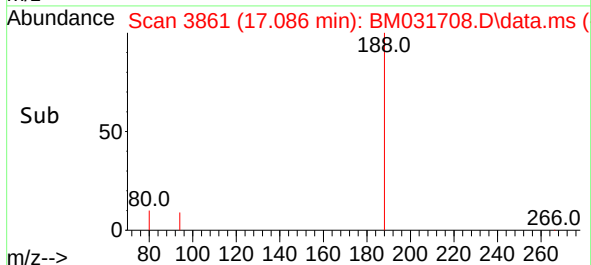
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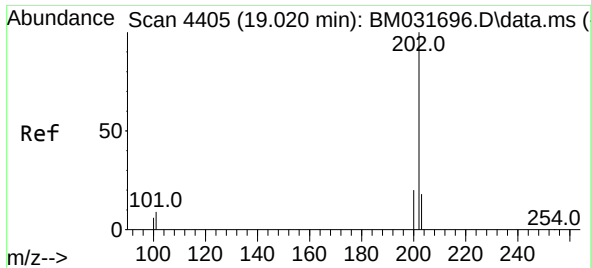


#16
Anthracene
Concen: 0.255 ng/ul
RT: 17.086 min Scan# 3861
Delta R.T. -0.010 min
Lab File: BM031708.D
Acq: 13 Aug 2021 10:49



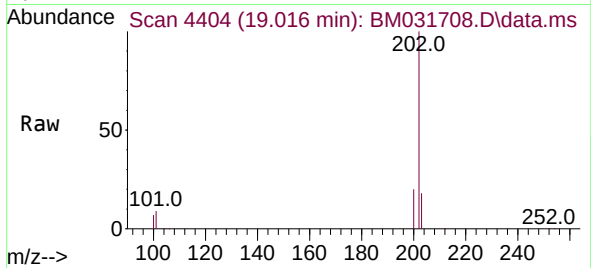
Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.7	13.0	19.6
176	19.3	15.6	23.4





#19
Fluoranthene
Concen: 3.263 ng/ul
RT: 19.016 min Scan# 4404
Delta R.T. -0.011 min
Lab File: BM031708.D
Acq: 13 Aug 2021 10:49

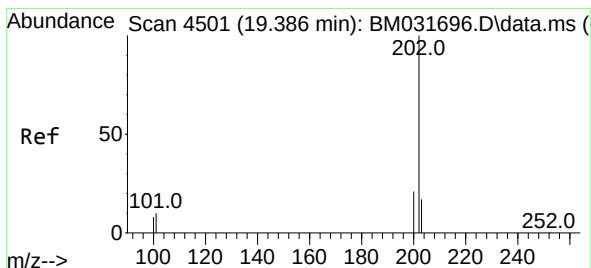
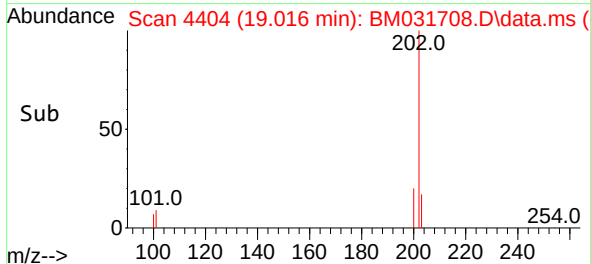
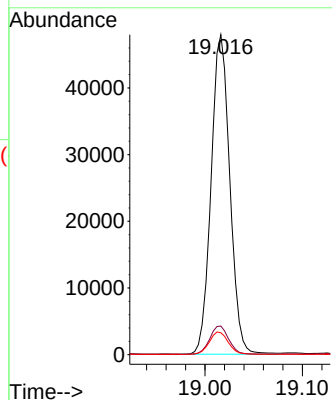
Instrument :
BNA_M
ClientSampleId :
C00D7DL



Tgt Ion:202 Resp: 64001
Ion Ratio Lower Upper
202 100
101 8.9 6.6 10.0
100 6.8 5.4 8.0

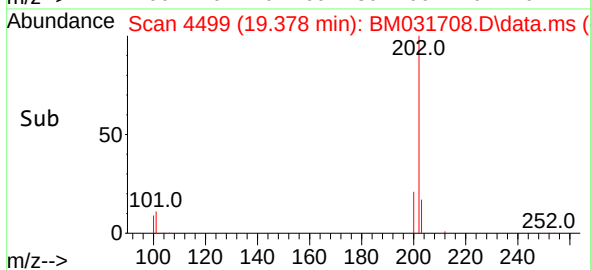
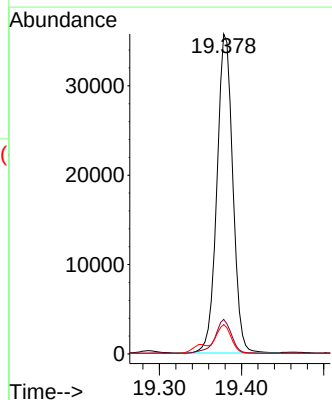
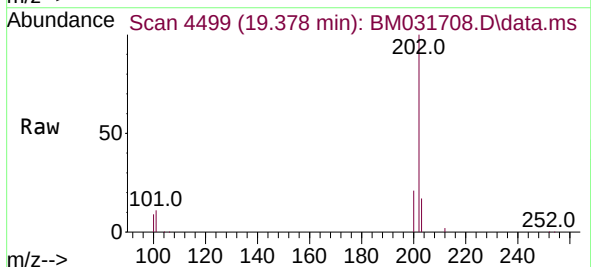
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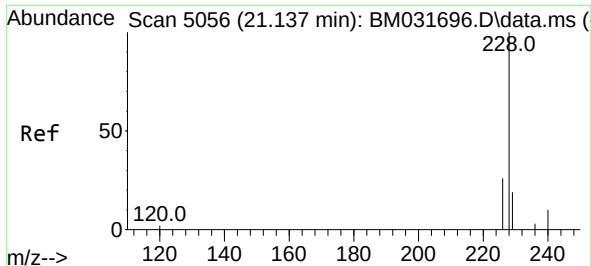
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#20
Pyrene
Concen: 2.410 ng/ul
RT: 19.378 min Scan# 4499
Delta R.T. -0.011 min
Lab File: BM031708.D
Acq: 13 Aug 2021 10:49

Tgt Ion:202 Resp: 47950
Ion Ratio Lower Upper
202 100
101 10.8 7.8 11.6
100 9.2 6.6 10.0





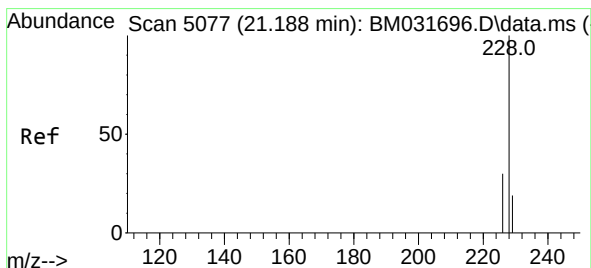
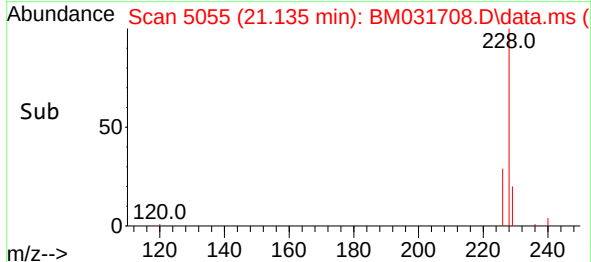
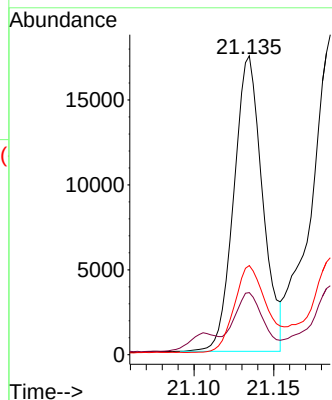
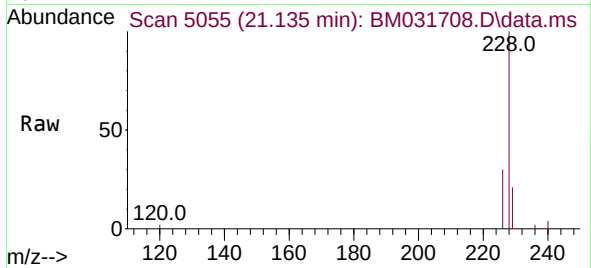
#21
Benzo(a)anthracene
Concen: 1.175 ng/ul
RT: 21.135 min Scan# 5055
Delta R.T. -0.009 min
Lab File: BM031708.D
Acq: 13 Aug 2021 10:49

Tgt Ion:228	Resp:	21797
Ion Ratio	Lower	Upper
228	100	
229	20.7	15.6 23.4
226	29.8	21.7 32.5

Instrument :
BNA_M
ClientSampled :
C00D7DL

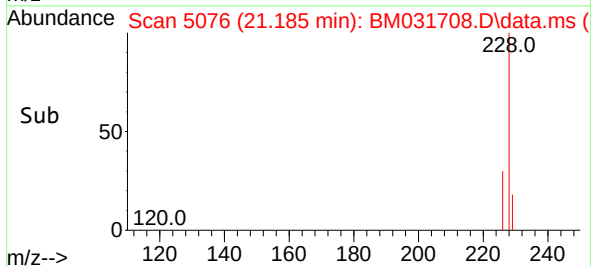
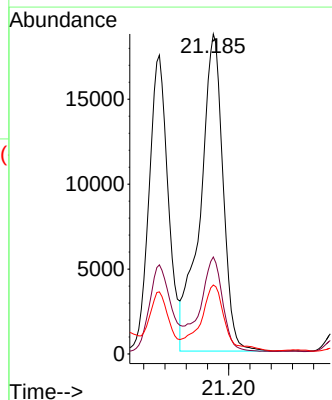
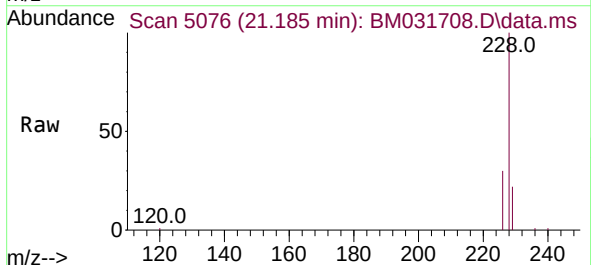
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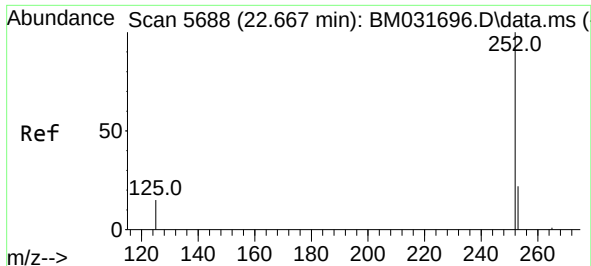
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#22
Chrysene
Concen: 1.447 ng/ul
RT: 21.185 min Scan# 5076
Delta R.T. -0.009 min
Lab File: BM031708.D
Acq: 13 Aug 2021 10:49

Tgt Ion:228	Resp:	27777
Ion Ratio	Lower	Upper
228	100	
226	30.3	24.7 37.1
229	21.6	16.2 24.2





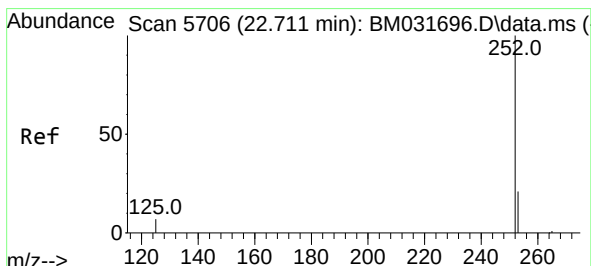
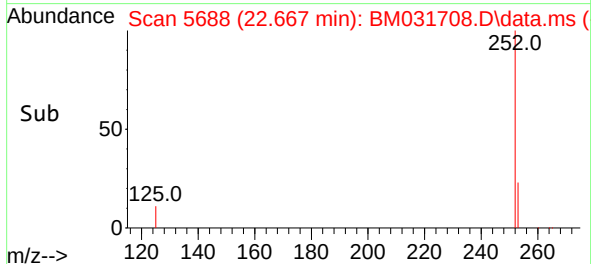
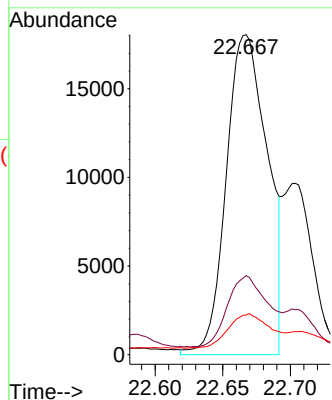
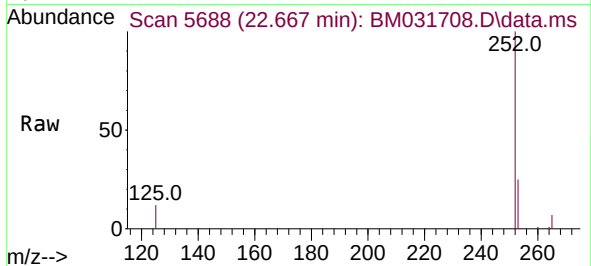
#24
Benzo(b)fluoranthene
Concen: 1.802 ng/ul m
RT: 22.667 min Scan# 5688
Delta R.T. -0.009 min
Lab File: BM031708.D
Acq: 13 Aug 2021 10:49

Tgt Ion:	252	Resp:	38196
Ion Ratio	Lower	Upper	
252	100		
253	24.7	0.0	53.0
125	12.4	0.0	22.8

Instrument :
BNA_M
ClientSampled :
C00D7DL

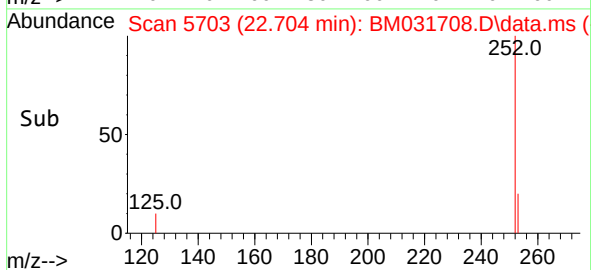
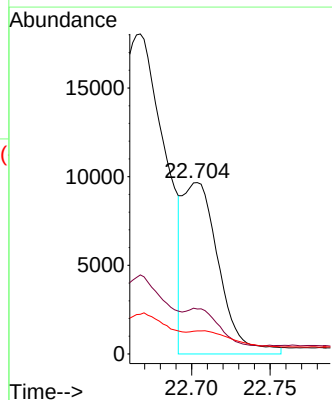
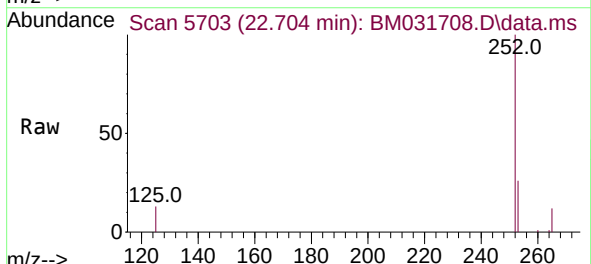
Manual Integrations
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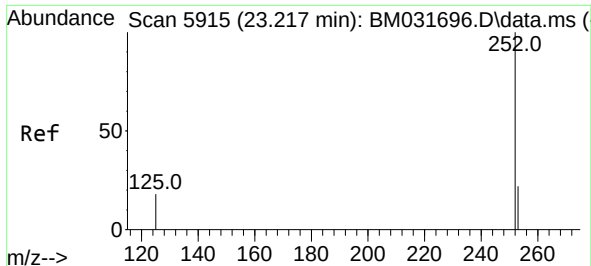
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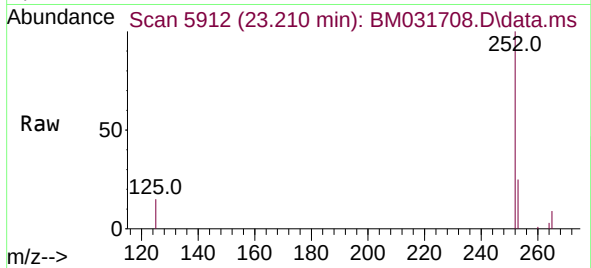
#25
Benzo(k)fluoranthene
Concen: 0.708 ng/ul m
RT: 22.704 min Scan# 5703
Delta R.T. -0.017 min
Lab File: BM031708.D
Acq: 13 Aug 2021 10:49

Tgt Ion:	252	Resp:	15506
Ion Ratio	Lower	Upper	
252	100		
253	26.2	21.3	31.9
125	13.5	8.8	13.2#

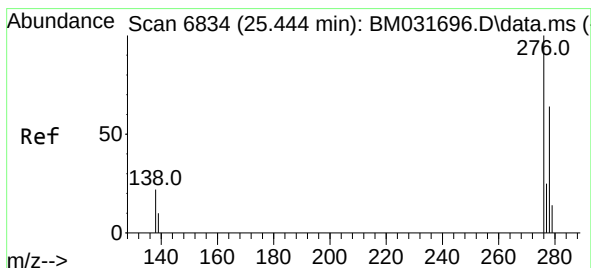
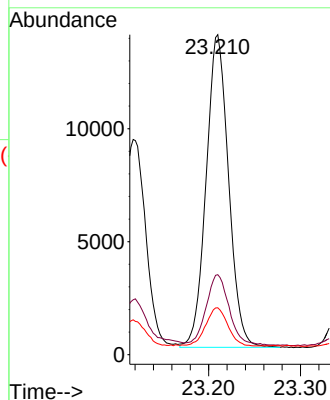
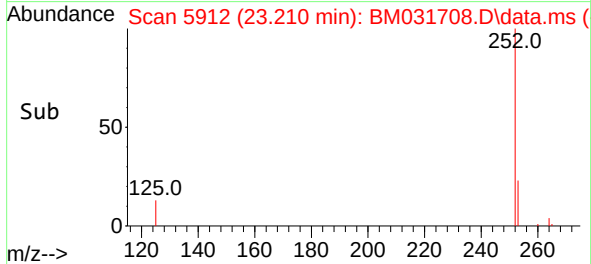




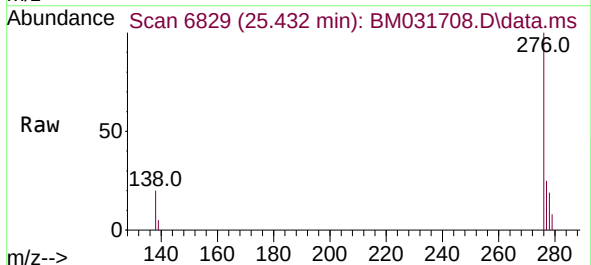
#26
Benzo(a)pyrene
Concen: 1.264 ng/ul
RT: 23.210 min Scan# 5912
Delta R.T. -0.017 min
Lab File: BM031708.D
Acq: 13 Aug 2021 10:49



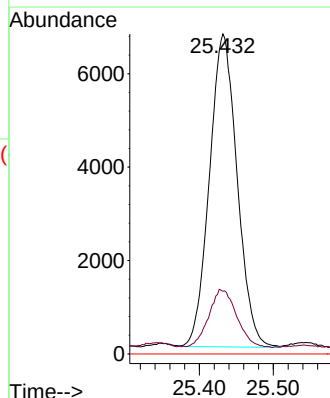
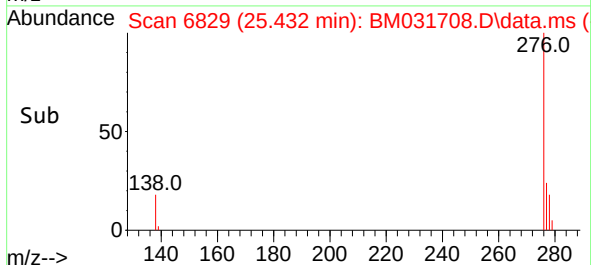
Tgt Ion:252 Resp: 23457
Ion Ratio Lower Upper
252 100
253 25.0 22.4 33.6
125 14.7 13.0 19.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.726 ng/ul
RT: 25.432 min Scan# 6829
Delta R.T. -0.029 min
Lab File: BM031708.D
Acq: 13 Aug 2021 10:49



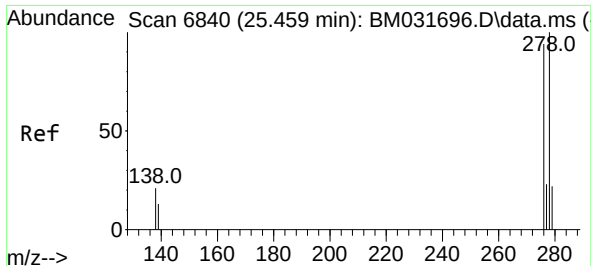
Tgt Ion:276 Resp: 17430
Ion Ratio Lower Upper
276 100
138 18.7 15.8 23.8
227 0.0 0.0 0.0



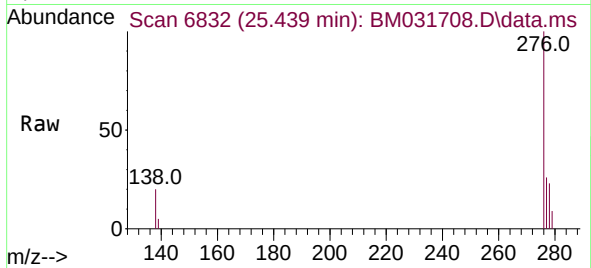
Instrument :
BNA_M
ClientSampleId :
C00D7DL

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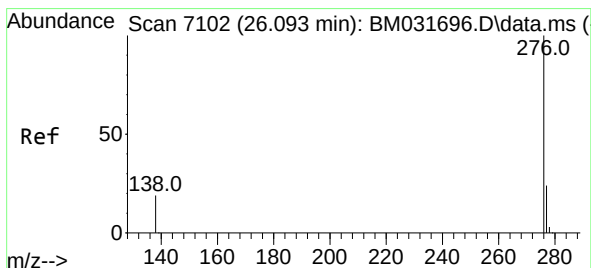
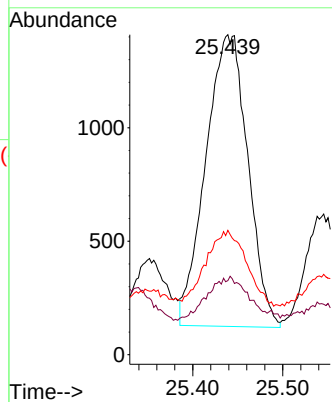
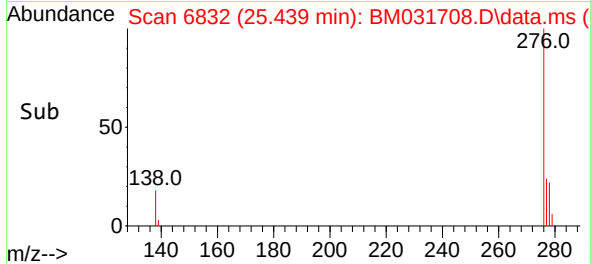
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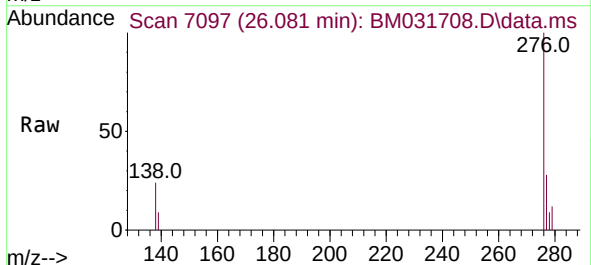
#28
Dibenzo(a,h)anthracene
Concen: 0.216 ng/ul
RT: 25.439 min Scan# 6832
Delta R.T. -0.034 min
Lab File: BM031708.D
Acq: 13 Aug 2021 10:49



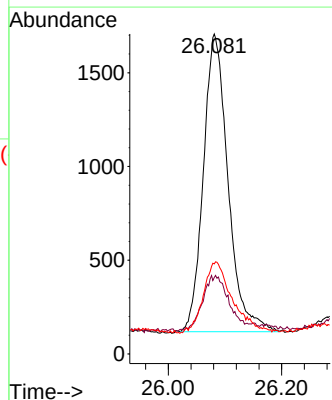
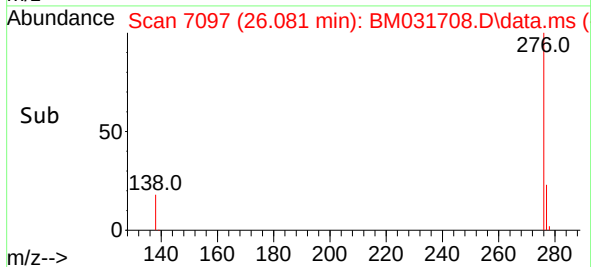
Tgt Ion: 278 Resp: 4183
Ion Ratio Lower Upper
278 100
139 23.2 13.3 19.9#
279 38.9 22.8 34.2#



#29
Benzo(g,h,i)perylene
Concen: 0.234 ng/ul
RT: 26.081 min Scan# 7097
Delta R.T. -0.026 min
Lab File: BM031708.D
Acq: 13 Aug 2021 10:49



Tgt Ion: 276 Resp: 4797
Ion Ratio Lower Upper
276 100
138 23.9 15.4 23.2#
277 28.2 19.9 29.9



Instrument :
BNA_M
ClientSampleID :
C00D7DL

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