

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
 Data File : BM031705.D
 Acq On : 13 Aug 2021 08:58
 Operator : CG/JU
 Sample : M3182-16DL 5X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00D4DL

Manual Integrations
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Quant Time: Aug 13 11:09:36 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	1370	0.400	ng/ul	0.00
4) Naphthalene-d8	10.329	136	4950	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.201	164	2699	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.954	188	5178	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.151	240	4387	0.400	ng/ul	# 0.00
23) Perylene-d12	23.307	264	4399	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.185	96	682	0.448	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.921	152	318	0.038	ng/ul	-0.01
18) Fluoranthene-d10	18.985	212	597	0.041	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.379	128	5728	0.388	ng/ul	99
7) 2-Methylnaphthalene	12.002	142	3534	0.351	ng/ul	99
8) 1-Methylnaphthalene	12.223	142	1740	0.175	ng/ul	96
10) Acenaphthylene	13.923	152	2094	0.182	ng/ul	92
12) Fluorene	15.259	166	316	0.028	ng/ul#	80
15) Phenanthrene	16.995	178	15596	0.949	ng/ul	98
16) Anthracene	17.086	178	2374	0.154	ng/ul#	94
19) Fluoranthene	19.016	202	27934	1.491	ng/ul	97
20) Pyrene	19.382	202	23944	1.260	ng/ul	98
21) Benzo(a)anthracene	21.134	228	11543	0.652	ng/ul	96
22) Chrysene	21.188	228	14653	0.799	ng/ul	98
24) Benzo(b)fluoranthene	22.669	252	19688m	0.993	ng/ul	
25) Benzo(k)fluoranthene	22.706	252	7955m	0.388	ng/ul	
26) Benzo(a)pyrene	23.212	252	11758	0.677	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.434	276	9858	0.439	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.446	278	2355	0.130	ng/ul#	70
29) Benzo(g,h,i)perylene	26.083	276	2905	0.152	ng/ul#	86

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

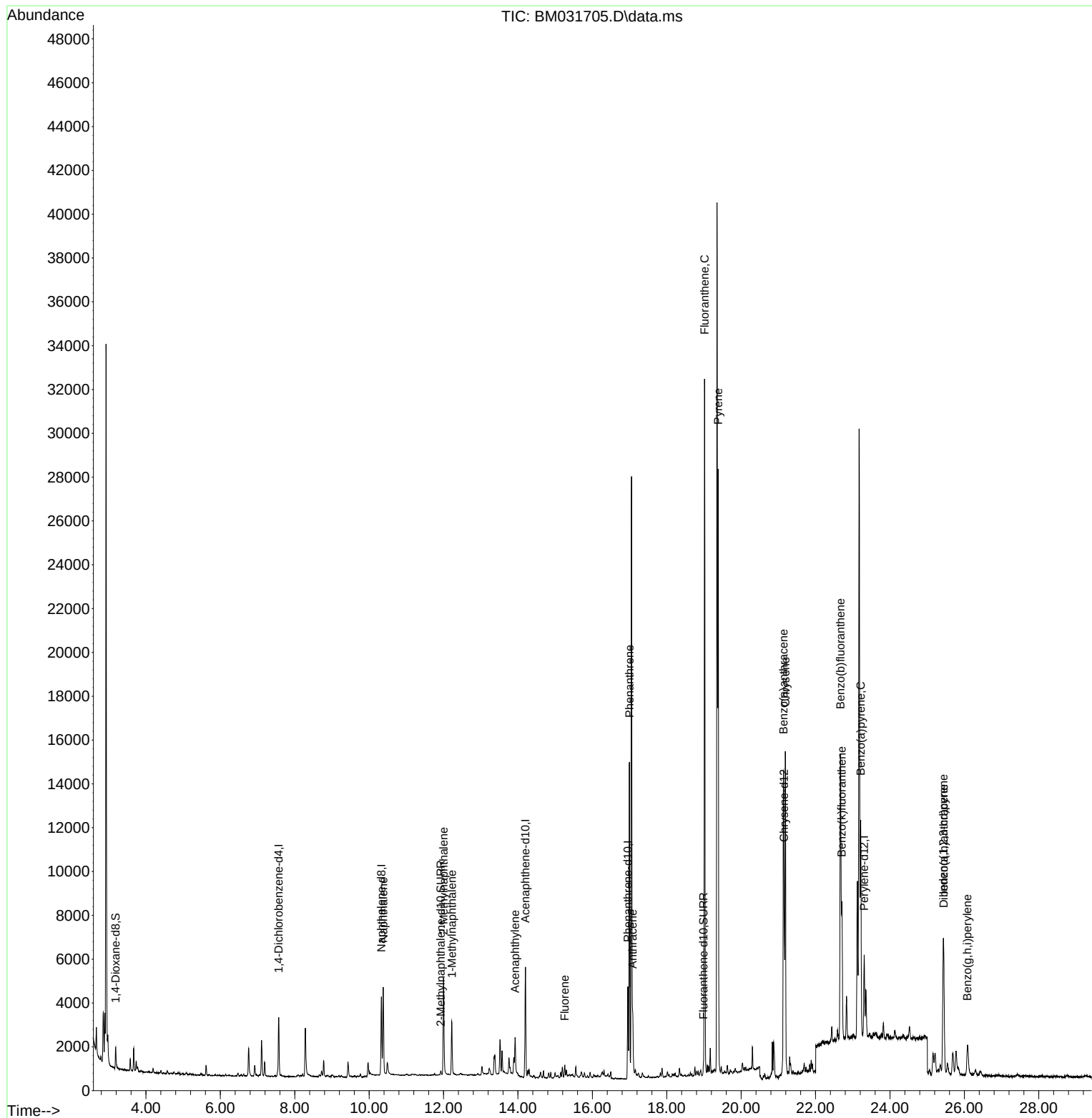
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
Data File : BM031705.D
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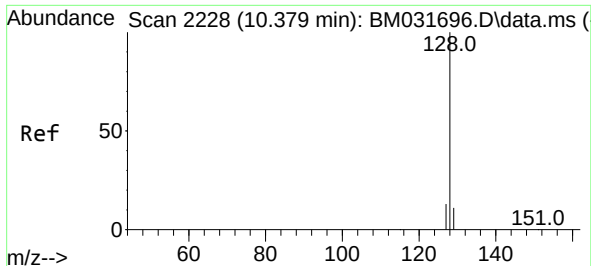
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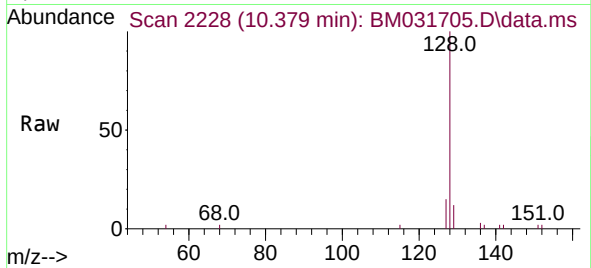
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Quant Time: Aug 13 11:09:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

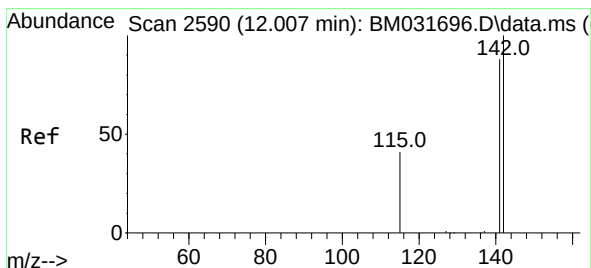
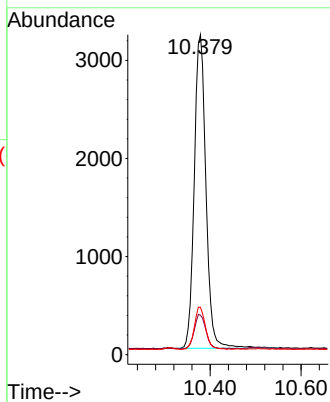
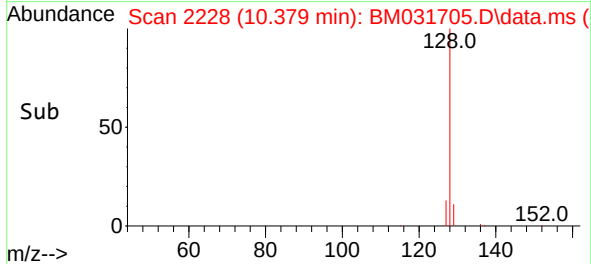




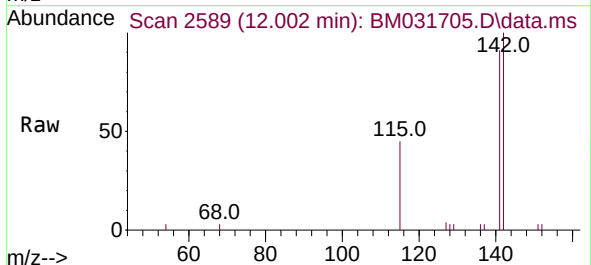
#5
Naphthalene
Concen: 0.388 ng/ul
RT: 10.379 min Scan# 2228
Delta R.T. -0.004 min
Lab File: BM031705.D
Acq: 13 Aug 2021 08:58



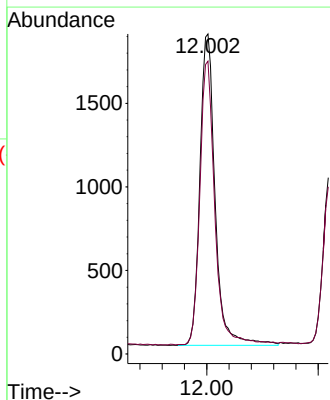
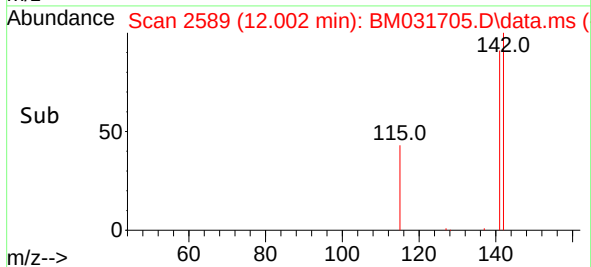
Tgt Ion:128 Resp: 5728
Ion Ratio Lower Upper
128 100
129 12.4 10.0 15.0
127 14.8 11.6 17.4



#7
2-Methylnaphthalene
Concen: 0.351 ng/ul
RT: 12.002 min Scan# 2589
Delta R.T. -0.004 min
Lab File: BM031705.D
Acq: 13 Aug 2021 08:58



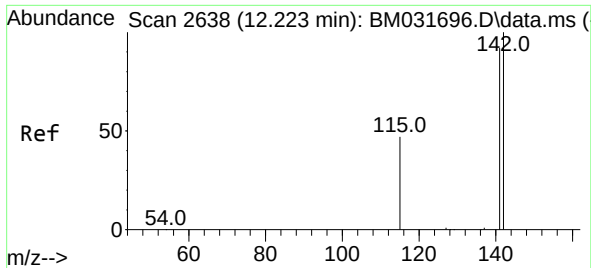
Tgt Ion:142 Resp: 3534
Ion Ratio Lower Upper
142 100
141 89.8 71.4 107.0



Instrument :
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ClientSampled :
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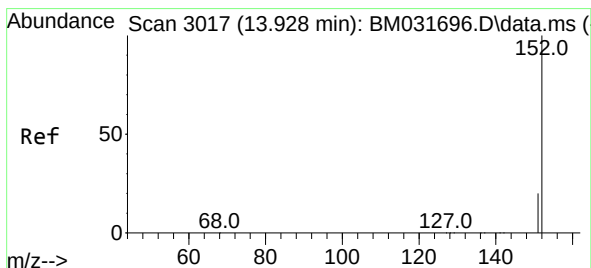
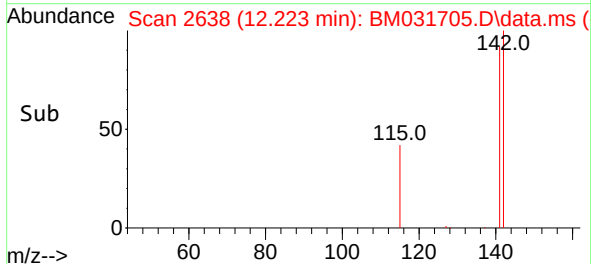
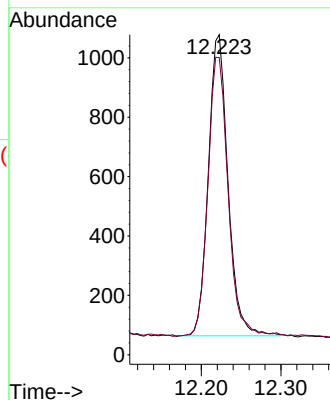
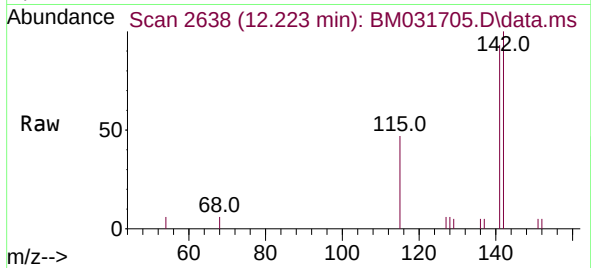
#8
1-Methylnaphthalene
Concen: 0.175 ng/ul
RT: 12.223 min Scan# 2638
Delta R.T. -0.004 min
Lab File: BM031705.D
Acq: 13 Aug 2021 08:58

Tgt Ion:142 Resp: 1740
Ion Ratio Lower Upper
142 100
141 96.0 74.1 111.1

Instrument :
BNA_M
ClientSampled :
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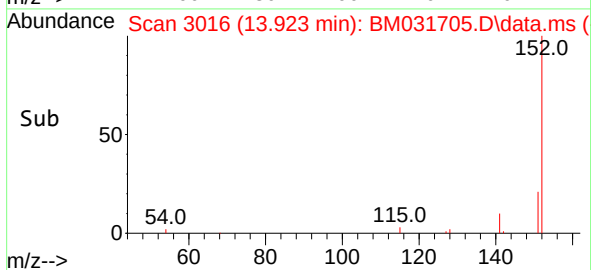
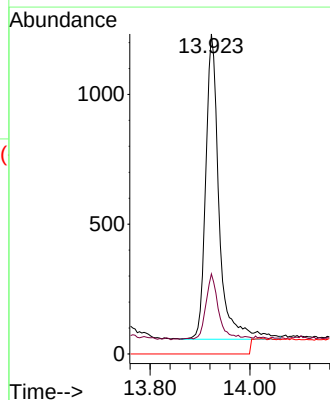
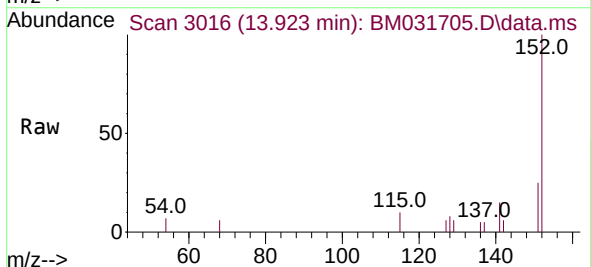
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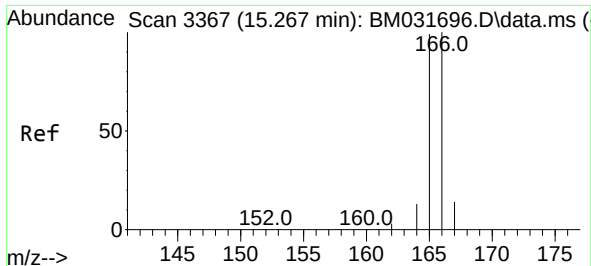
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#10
Acenaphthylene
Concen: 0.182 ng/ul
RT: 13.923 min Scan# 3016
Delta R.T. -0.008 min
Lab File: BM031705.D
Acq: 13 Aug 2021 08:58

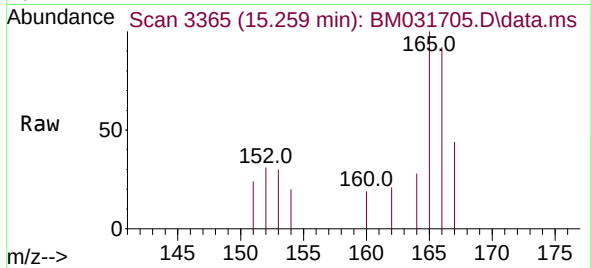
Tgt Ion:152 Resp: 2094
Ion Ratio Lower Upper
152 100
151 25.0 16.9 25.3
153 0.0 0.0 0.0





#12
Fluorene
Concen: 0.028 ng/ul
RT: 15.259 min Scan# 3365
Delta R.T. -0.011 min
Lab File: BM031705.D
Acq: 13 Aug 2021 08:58

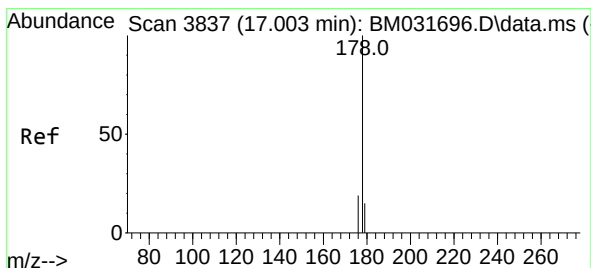
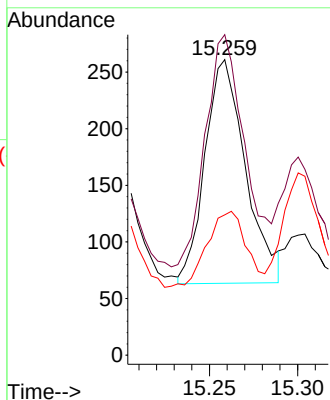
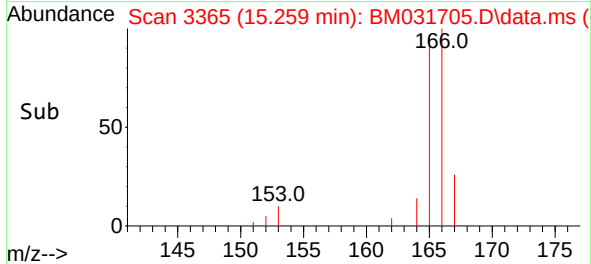
Instrument :
BNA_M
ClientSampled :
C00D4DL



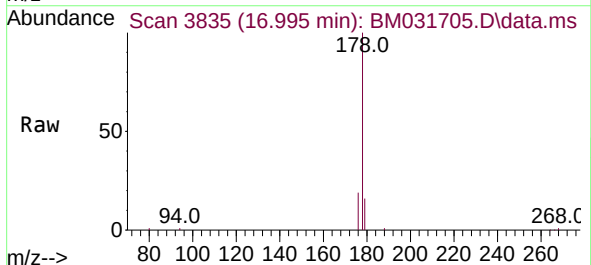
Tgt Ion:166 Resp: 316
Ion Ratio Lower Upper
166 100
165 108.4 78.0 117.0
167 47.5 12.0 18.0#

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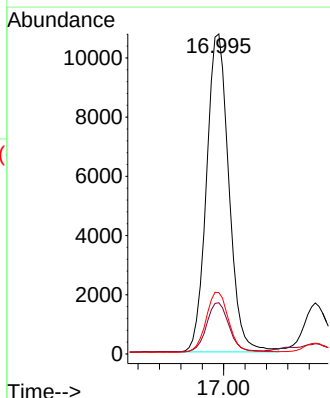
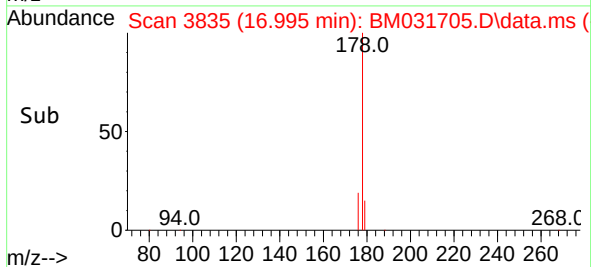
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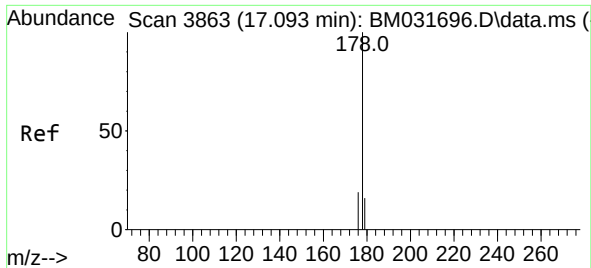


#15
Phenanthrene
Concen: 0.949 ng/ul
RT: 16.995 min Scan# 3835
Delta R.T. -0.007 min
Lab File: BM031705.D
Acq: 13 Aug 2021 08:58

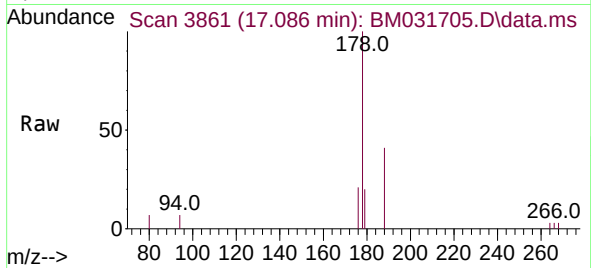


Tgt Ion:178 Resp: 15596
Ion Ratio Lower Upper
178 100
179 16.0 13.3 19.9
176 19.2 16.2 24.4

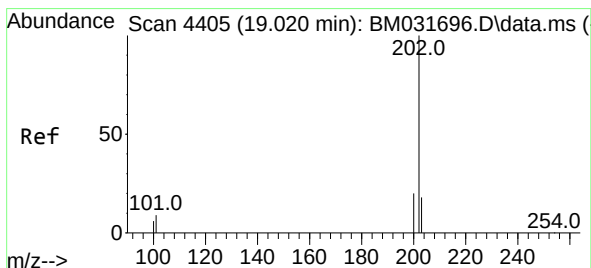
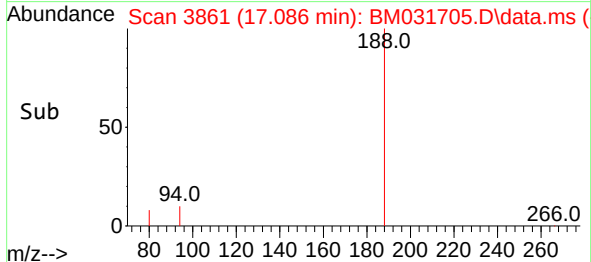
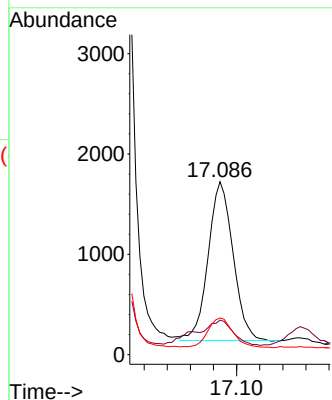




#16
 Anthracene
 Concen: 0.154 ng/ul
 RT: 17.086 min Scan# 3861
 Delta R.T. -0.010 min
 Lab File: BM031705.D
 Acq: 13 Aug 2021 08:58

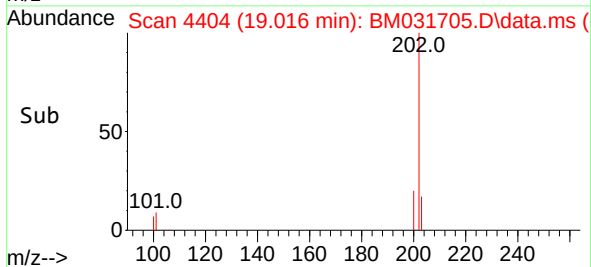
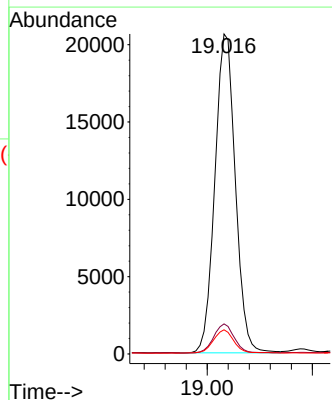
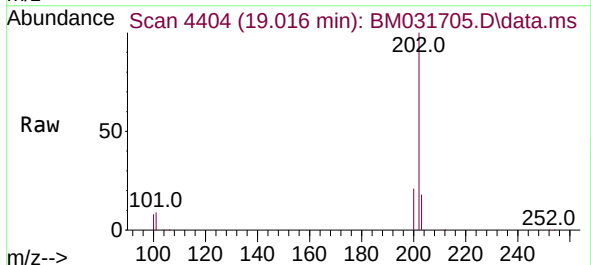


Tgt Ion:178 Resp: 2374
 Ion Ratio Lower Upper
 178 100
 179 20.0 13.0 19.6#
 176 21.2 15.6 23.4



#19
 Fluoranthene
 Concen: 1.491 ng/ul
 RT: 19.016 min Scan# 4404
 Delta R.T. -0.011 min
 Lab File: BM031705.D
 Acq: 13 Aug 2021 08:58

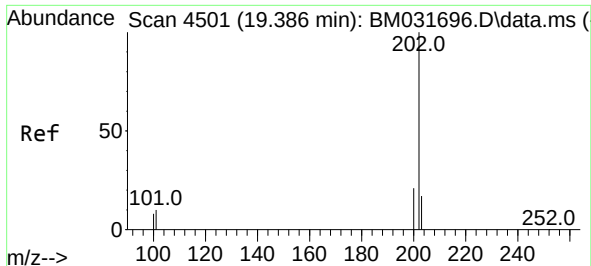
Tgt Ion:202 Resp: 27934
 Ion Ratio Lower Upper
 202 100
 101 9.4 6.6 10.0
 100 7.6 5.4 8.0



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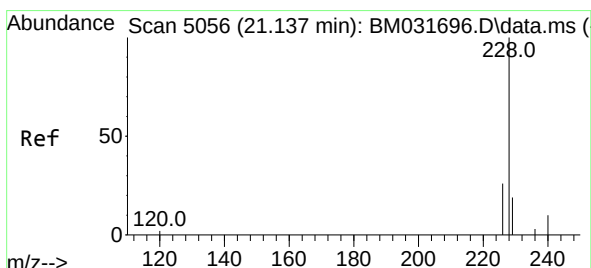
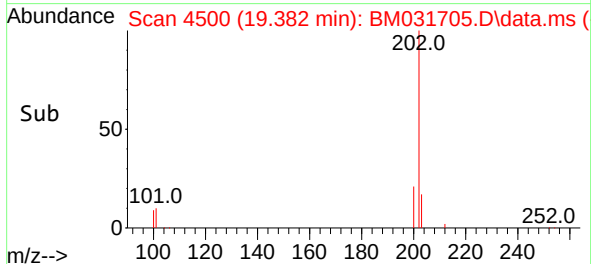
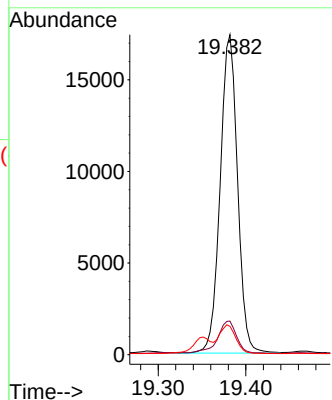
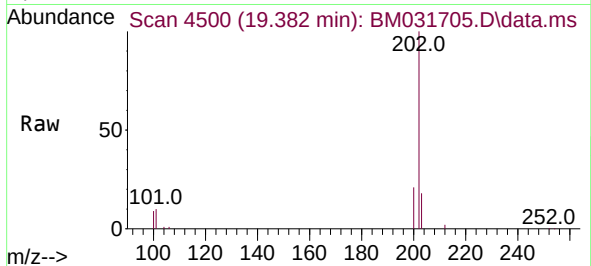
#20
Pyrene
Concen: 1.260 ng/ul
RT: 19.382 min Scan# 4500
Delta R.T. -0.007 min
Lab File: BM031705.D
Acq: 13 Aug 2021 08:58

Tgt Ion:202 Resp: 23944
Ion Ratio Lower Upper
202 100
101 10.5 7.8 11.6
100 8.8 6.6 10.0

Instrument :
BNA_M
ClientSampled :
C00D4DL

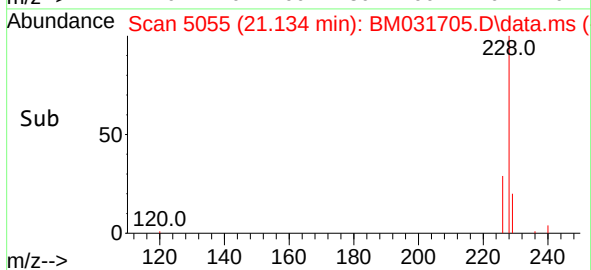
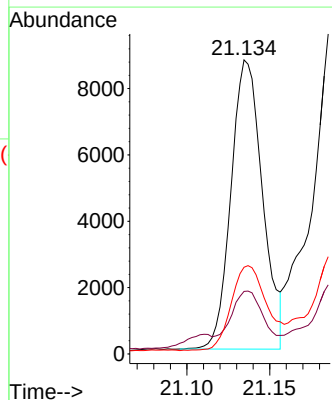
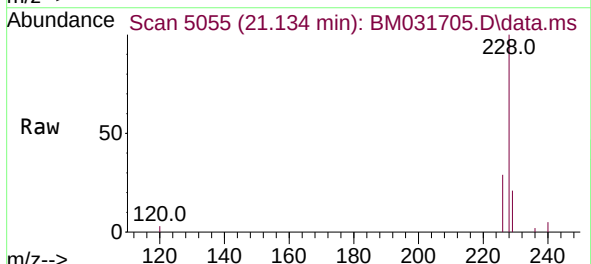
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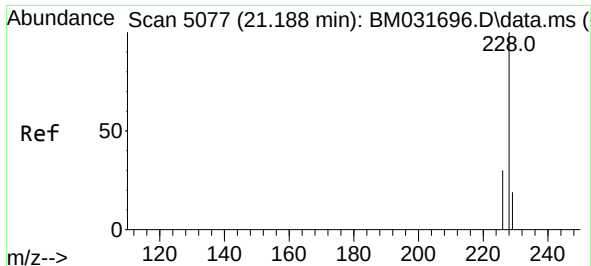
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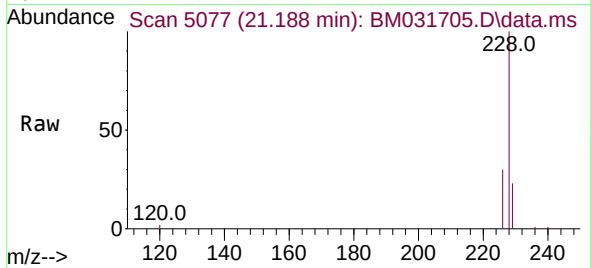
#21
Benzo(a)anthracene
Concen: 0.652 ng/ul
RT: 21.134 min Scan# 5055
Delta R.T. -0.009 min
Lab File: BM031705.D
Acq: 13 Aug 2021 08:58

Tgt Ion:228 Resp: 11543
Ion Ratio Lower Upper
228 100
229 21.3 15.6 23.4
226 29.5 21.7 32.5

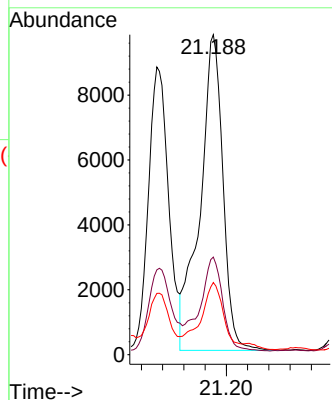
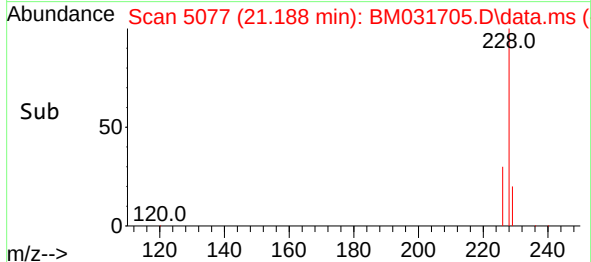




#22
Chrysene
Concen: 0.799 ng/ul
RT: 21.188 min Scan# 5077
Delta R.T. -0.007 min
Lab File: BM031705.D
Acq: 13 Aug 2021 08:58



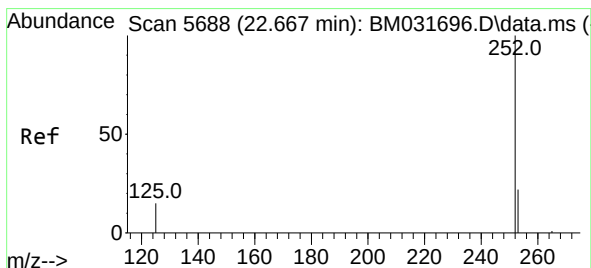
Tgt Ion:	228	Resp:	14653
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.7	37.1
229	22.6	16.2	24.2



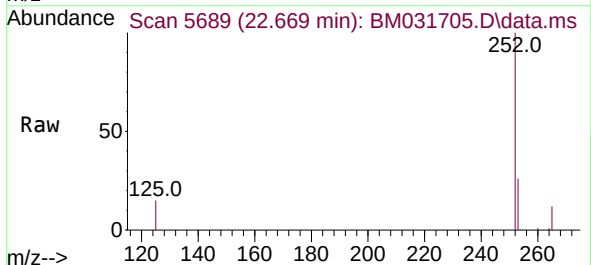
Instrument :
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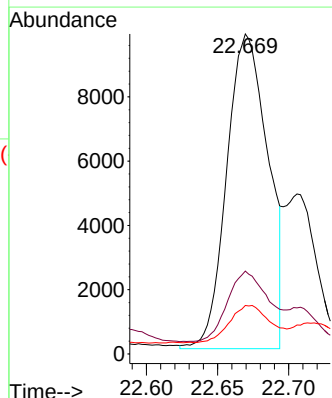
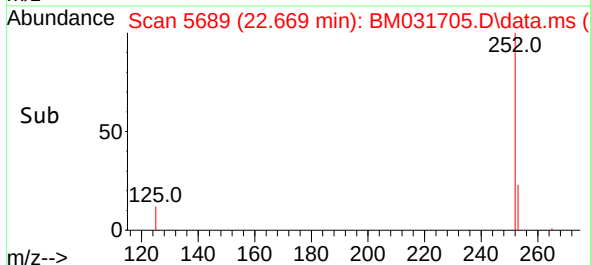
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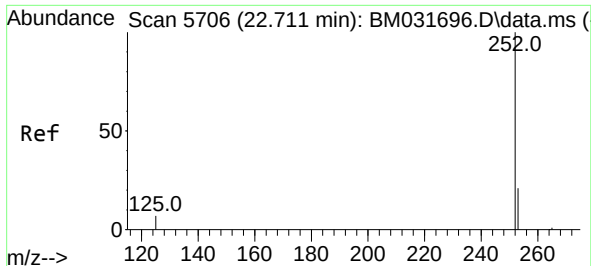


#24
Benzo(b)fluoranthene
Concen: 0.993 ng/ul m
RT: 22.669 min Scan# 5689
Delta R.T. -0.007 min
Lab File: BM031705.D
Acq: 13 Aug 2021 08:58



Tgt Ion:	252	Resp:	19688
Ion Ratio	Lower	Upper	
252	100		
253	25.9	0.0	53.0
125	15.1	0.0	22.8





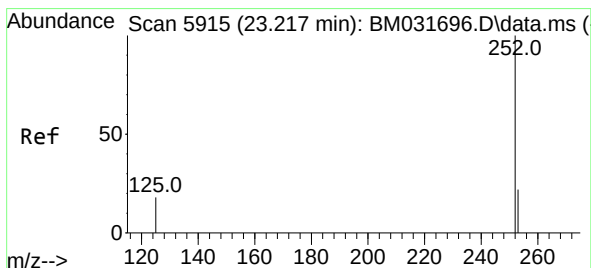
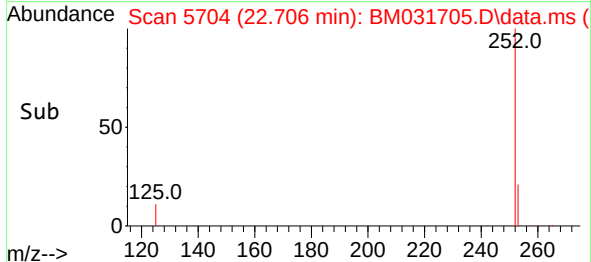
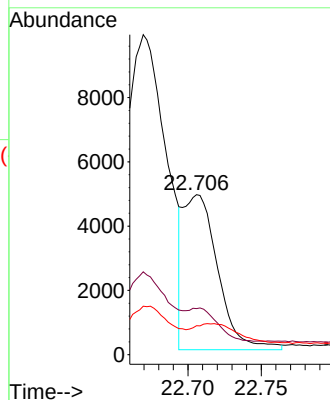
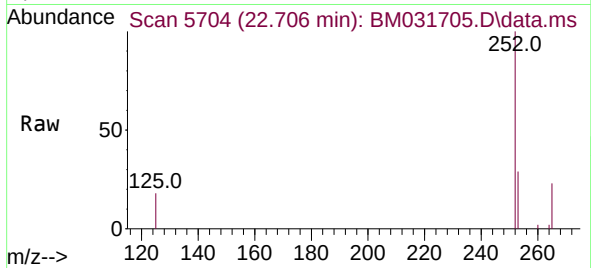
#25
Benzo(k)fluoranthene
Concen: 0.388 ng/ul m
RT: 22.706 min Scan# 5704
Delta R.T. -0.014 min
Lab File: BM031705.D
Acq: 13 Aug 2021 08:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.7	21.3	31.9
125	18.1	8.8	13.2

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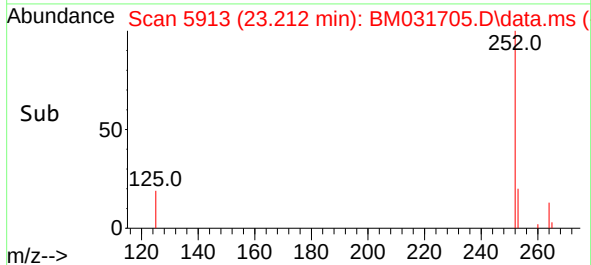
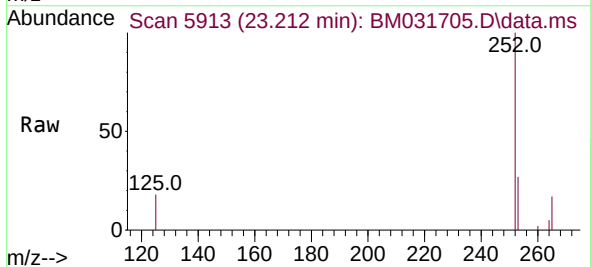
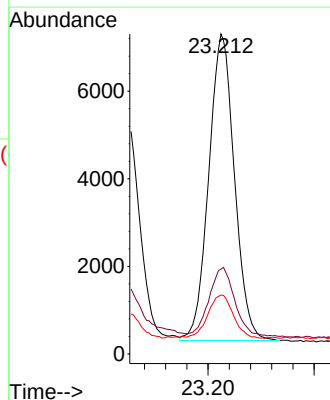
Manual Integrations
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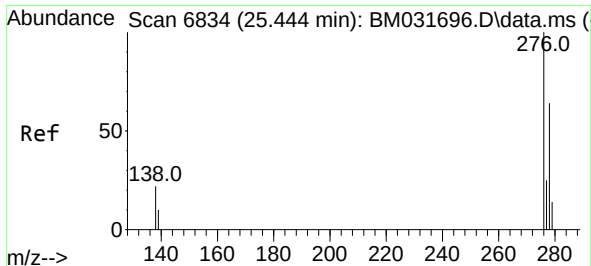
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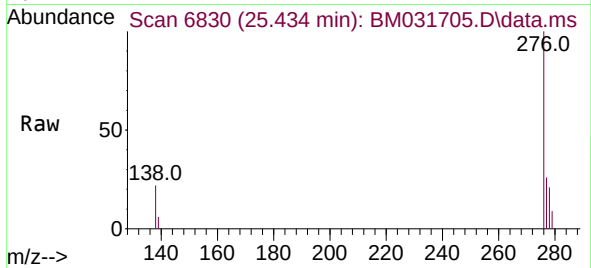
#26
Benzo(a)pyrene
Concen: 0.677 ng/ul
RT: 23.212 min Scan# 5913
Delta R.T. -0.014 min
Lab File: BM031705.D
Acq: 13 Aug 2021 08:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.5	22.4	33.6
125	18.4	13.0	19.4

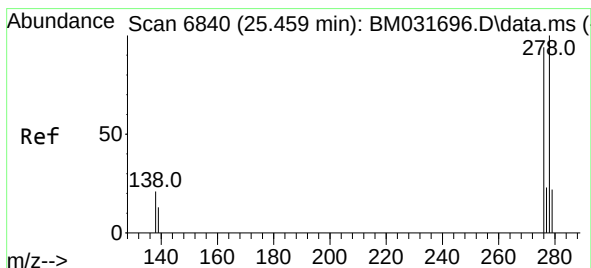
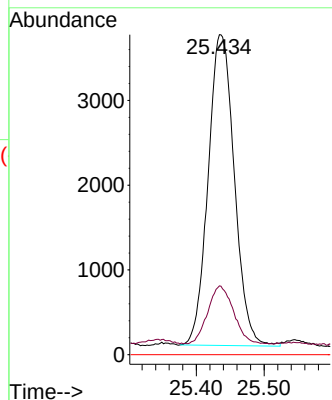
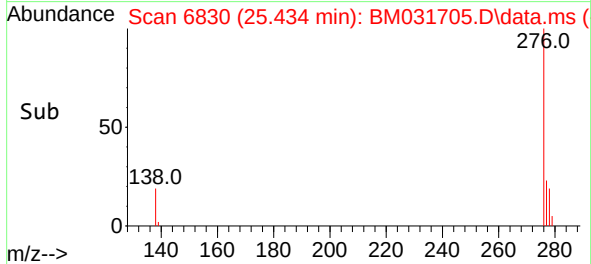




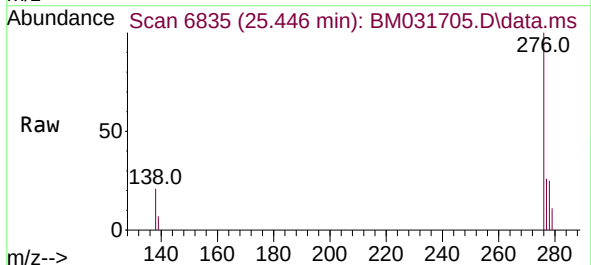
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.439 ng/ul
RT: 25.434 min Scan# 6830
Delta R.T. -0.026 min
Lab File: BM031705.D
Acq: 13 Aug 2021 08:58



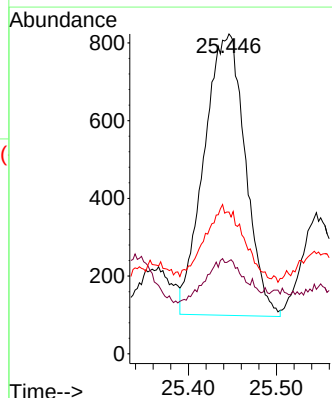
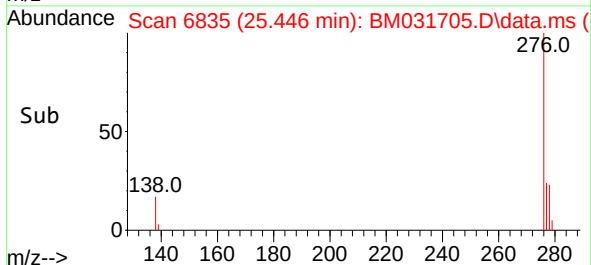
Tgt Ion: 276 Resp: 9858
Ion Ratio Lower Upper
276 100
138 19.1 15.8 23.8
227 0.0 0.0 0.0



#28
Dibenzo(a,h)anthracene
Concen: 0.130 ng/ul
RT: 25.446 min Scan# 6835
Delta R.T. -0.026 min
Lab File: BM031705.D
Acq: 13 Aug 2021 08:58



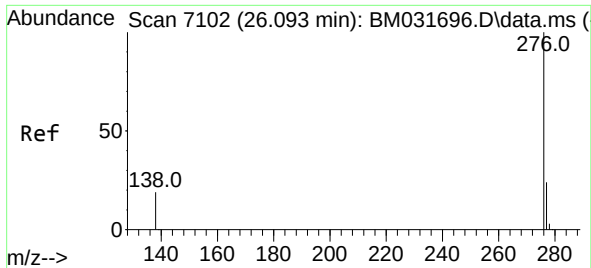
Tgt Ion: 278 Resp: 2355
Ion Ratio Lower Upper
278 100
139 29.0 13.3 19.9#
279 44.3 22.8 34.2#



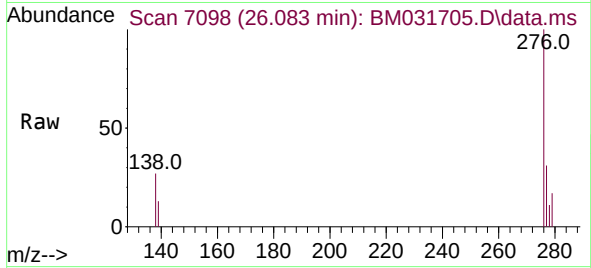
Instrument :
BNA_M
ClientSampled :
C00D4DL

Manual Integrations
APPROVED

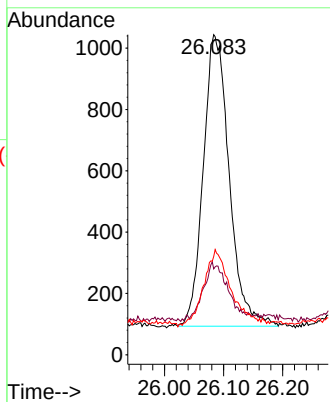
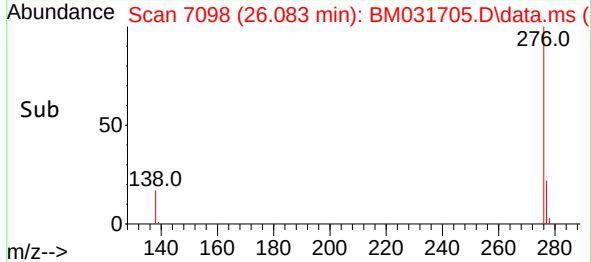
mohammad
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#29
Benzo(g,h,i)perylene
Concen: 0.152 ng/ul
RT: 26.083 min Scan# 7098
Delta R.T. -0.024 min
Lab File: BM031705.D
Acq: 13 Aug 2021 08:58



Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.8	15.4	23.2#
277	30.7	19.9	29.9#



Instrument :
BNA_M
ClientSampleID :
C00D4DL

Manual Integrations
APPROVED

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