

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
 Data File : BM031706.D
 Acq On : 13 Aug 2021 09:35
 Operator : CG/JU
 Sample : M3182-13DL 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00D1DL

Manual Integrations
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Quant Time: Aug 13 11:11:53 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	1380	0.400	ng/ul	0.00
4) Naphthalene-d8	10.329	136	5087	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.201	164	2820	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.950	188	5353	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.149	240	4565	0.400	ng/ul	# 0.00
23) Perylene-d12	23.304	264	4518	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.185	96	785	0.512	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.926	152	295	0.034	ng/ul	0.00
18) Fluoranthene-d10	18.985	212	606	0.040	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.378	128	6362	0.420	ng/ul	99
7) 2-Methylnaphthalene	11.998	142	3926	0.379	ng/ul	100
8) 1-Methylnaphthalene	12.223	142	1982	0.194	ng/ul	100
10) Acenaphthylene	13.923	152	2738	0.228	ng/ul	96
11) Acenaphthene	14.265	153	286m	0.028	ng/ul	
12) Fluorene	15.259	166	405	0.035	ng/ul#	84
15) Phenanthrene	16.992	178	14041	0.826	ng/ul	98
16) Anthracene	17.086	178	2960	0.186	ng/ul	98
19) Fluoranthene	19.016	202	28054	1.439	ng/ul	98
20) Pyrene	19.382	202	24343	1.231	ng/ul	99
21) Benzo(a)anthracene	21.134	228	14092	0.764	ng/ul	94
22) Chrysene	21.185	228	16670	0.874	ng/ul	98
24) Benzo(b)fluoranthene	22.665	252	24267m	1.192	ng/ul	
25) Benzo(k)fluoranthene	22.703	252	7846m	0.373	ng/ul	
26) Benzo(a)pyrene	23.210	252	13399	0.752	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.431	276	10149	0.440	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.441	278	2559	0.138	ng/ul#	73
29) Benzo(g,h,i)perylene	26.086	276	2701	0.137	ng/ul#	85

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

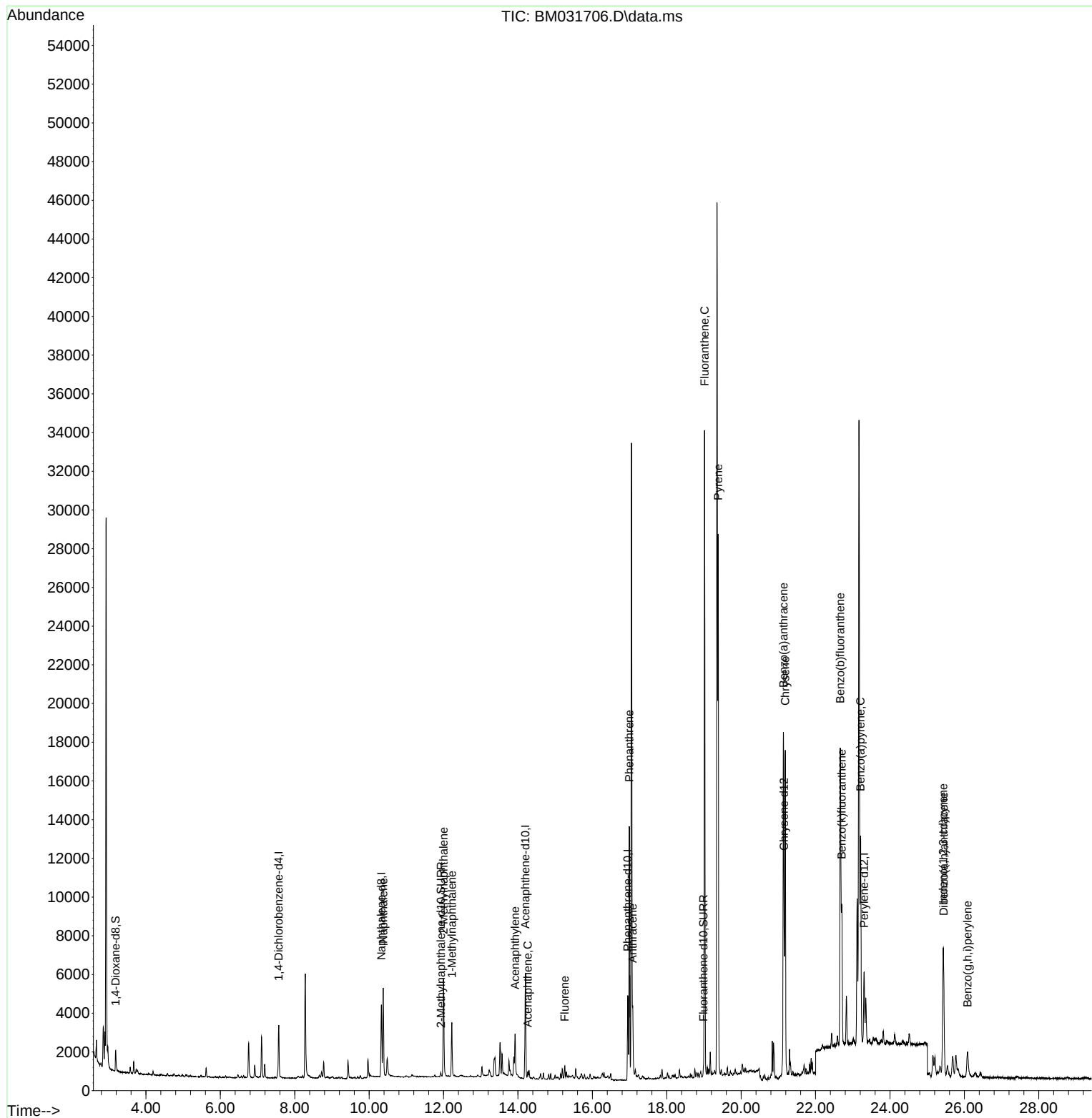
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Data File : BM031706.D
Acq On : 13 Aug 2021 09:35
Operator : CG/JU
Sample : M3182-13DL 5X
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ALS Vial : 38 Sample Multiplier: 1

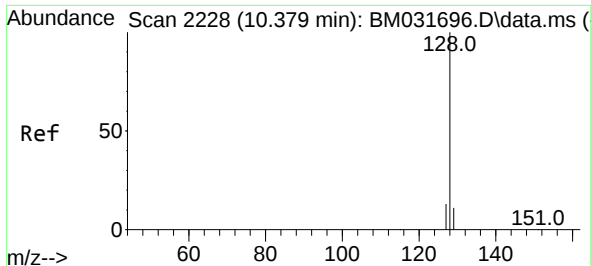
Instrument :
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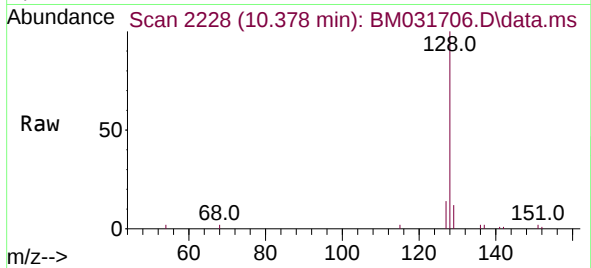
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Quant Time: Aug 13 11:11:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

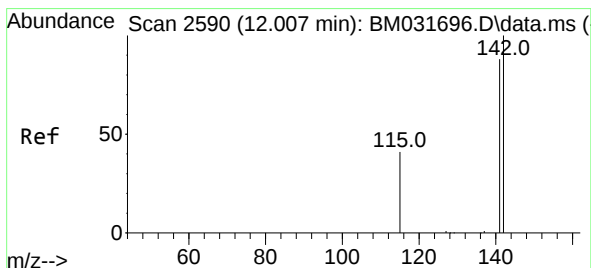
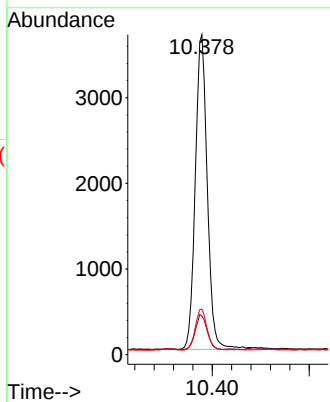
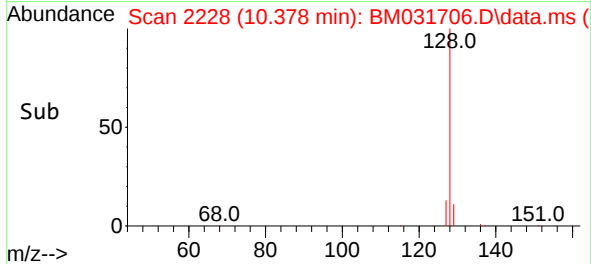




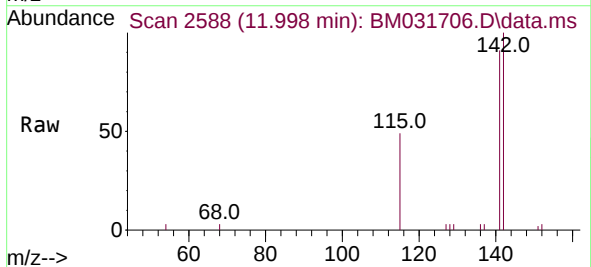
#5
Naphthalene
Concen: 0.420 ng/ul
RT: 10.378 min Scan# 2228
Delta R.T. -0.004 min
Lab File: BM031706.D
Acq: 13 Aug 2021 09:35



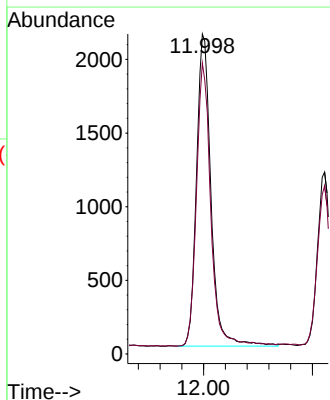
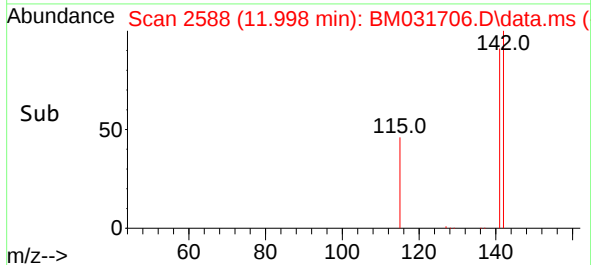
Tgt Ion:128 Resp: 6362
Ion Ratio Lower Upper
128 100
129 12.1 10.0 15.0
127 14.2 11.6 17.4



#7
2-Methylnaphthalene
Concen: 0.379 ng/ul
RT: 11.998 min Scan# 2588
Delta R.T. -0.008 min
Lab File: BM031706.D
Acq: 13 Aug 2021 09:35



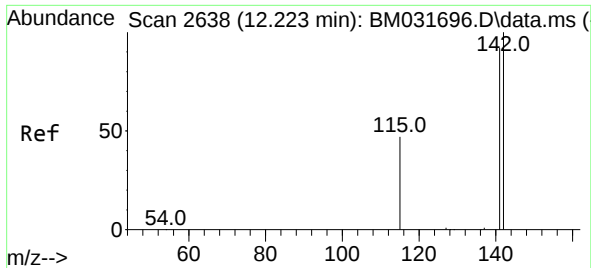
Tgt Ion:142 Resp: 3926
Ion Ratio Lower Upper
142 100
141 89.5 71.4 107.0



Instrument :
BNA_M
ClientSampleId :
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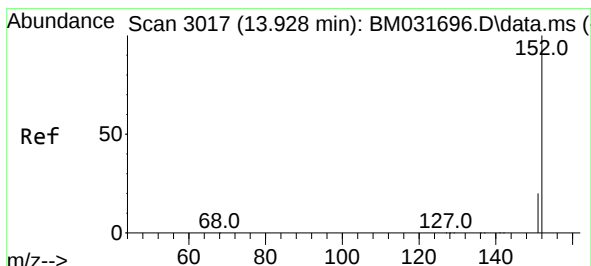
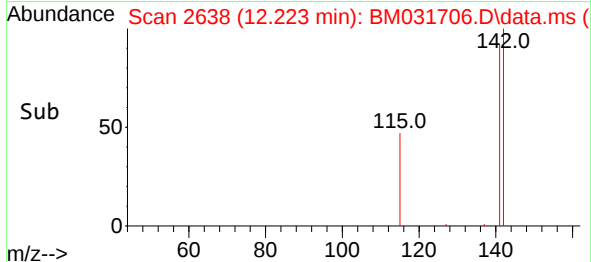
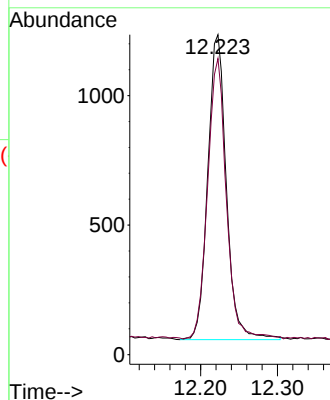
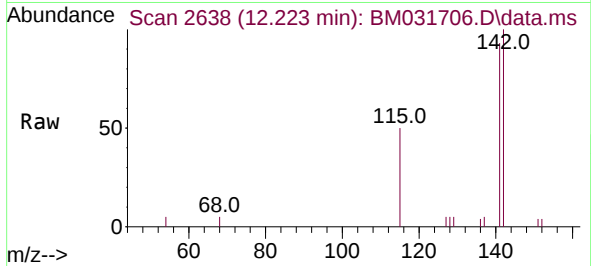
#8
1-Methylnaphthalene
Concen: 0.194 ng/ul
RT: 12.223 min Scan# 2638
Delta R.T. -0.004 min
Lab File: BM031706.D
Acq: 13 Aug 2021 09:35

Tgt Ion:142 Resp: 1982
Ion Ratio Lower Upper
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141 92.8 74.1 111.1

Instrument :
BNA_M
ClientSampled :
C00D1DL

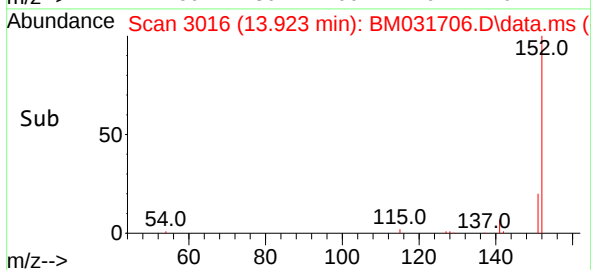
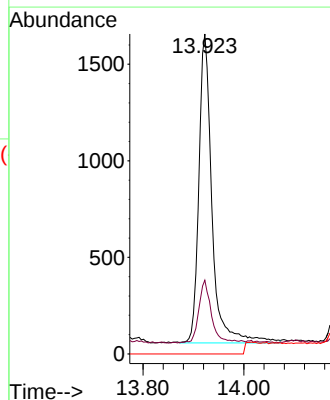
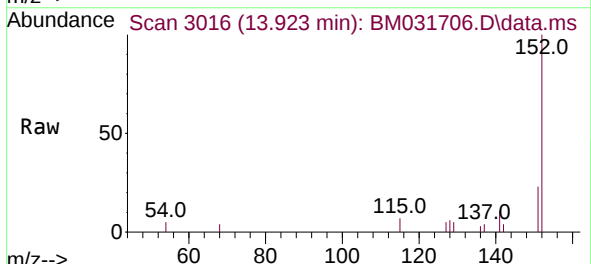
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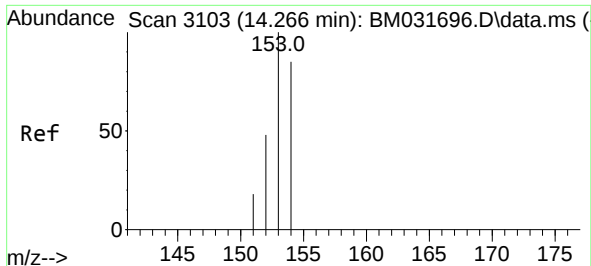
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#10
Acenaphthylene
Concen: 0.228 ng/ul
RT: 13.923 min Scan# 3016
Delta R.T. -0.008 min
Lab File: BM031706.D
Acq: 13 Aug 2021 09:35

Tgt Ion:152 Resp: 2738
Ion Ratio Lower Upper
152 100
151 23.1 16.9 25.3
153 0.0 0.0 0.0





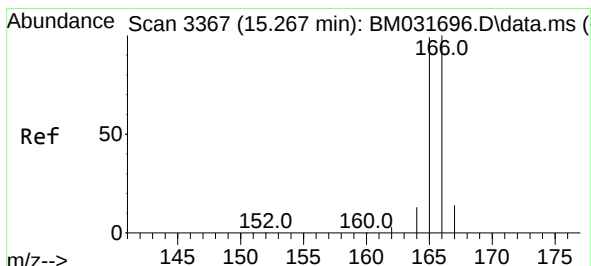
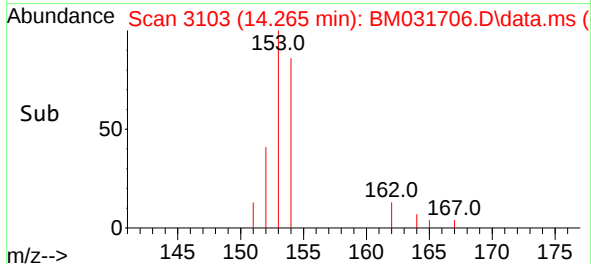
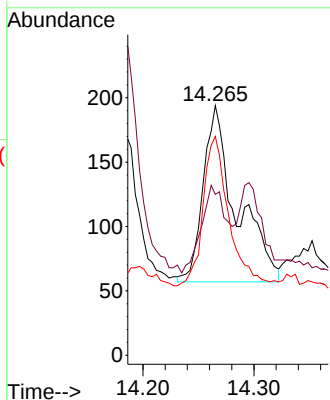
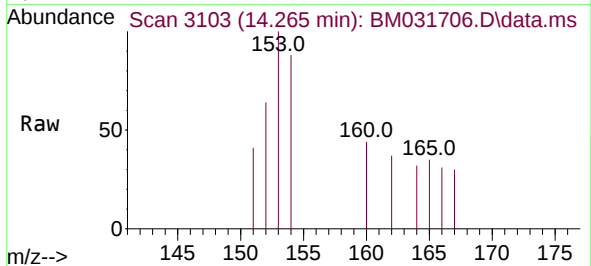
#11
Acenaphthene
Concen: 0.028 ng/ul m
RT: 14.265 min Scan# 3103
Delta R.T. -0.007 min
Lab File: BM031706.D
Acq: 13 Aug 2021 09:35

Tgt Ion:153 Resp: 286
Ion Ratio Lower Upper
153 100
152 64.4 40.7 61.1#
154 87.6 70.2 105.2

Instrument :
BNA_M
ClientSampleId :
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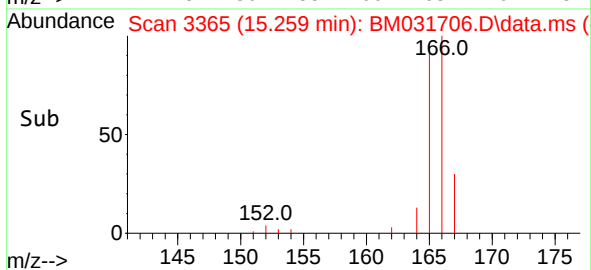
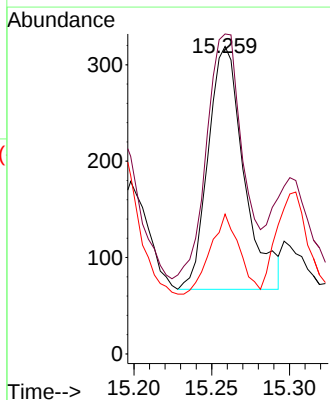
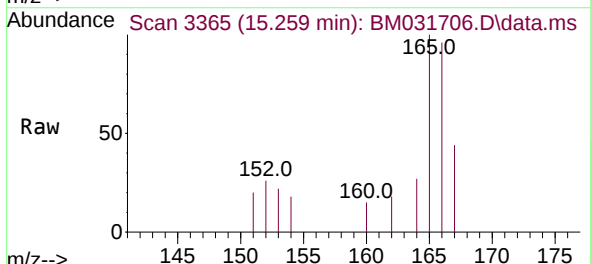
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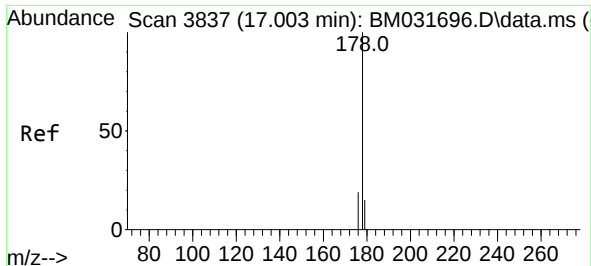
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#12
Fluorene
Concen: 0.035 ng/ul
RT: 15.259 min Scan# 3365
Delta R.T. -0.011 min
Lab File: BM031706.D
Acq: 13 Aug 2021 09:35

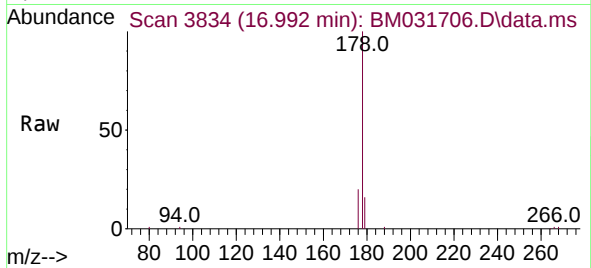
Tgt Ion:166 Resp: 405
Ion Ratio Lower Upper
166 100
165 104.1 78.0 117.0
167 45.5 12.0 18.0#





#15
Phenanthrene
Concen: 0.826 ng/ul
RT: 16.992 min Scan# 3834
Delta R.T. -0.010 min
Lab File: BM031706.D
Acq: 13 Aug 2021 09:35

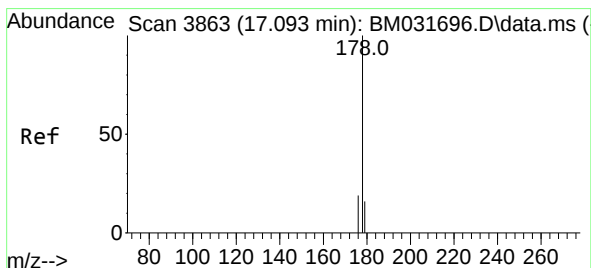
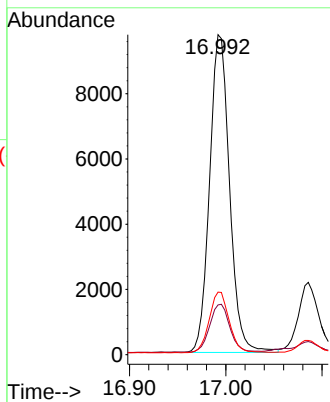
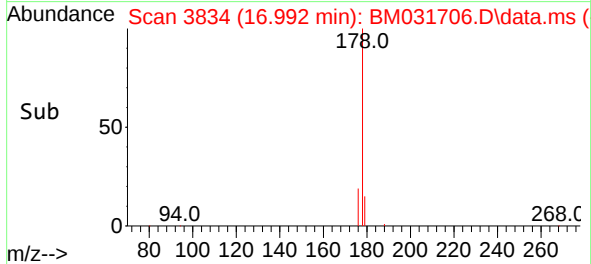
Instrument :
BNA_M
ClientSampled :
C00D1DL



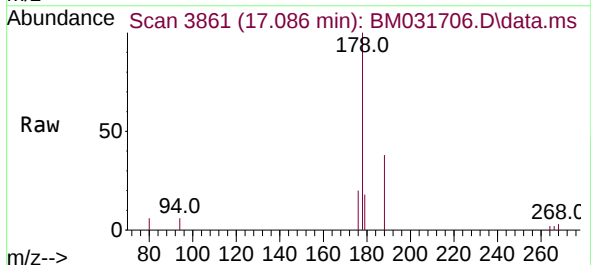
Tgt Ion:178 Resp: 14041
Ion Ratio Lower Upper
178 100
179 15.5 13.3 19.9
176 19.6 16.2 24.4

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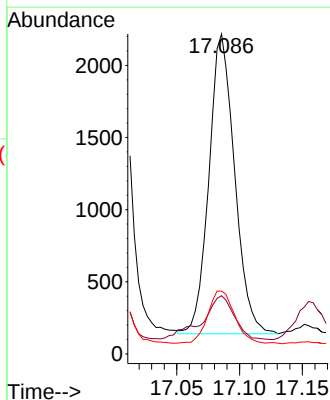
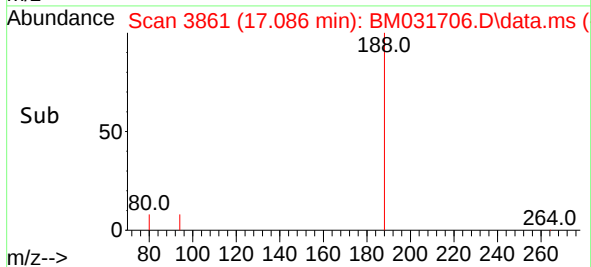
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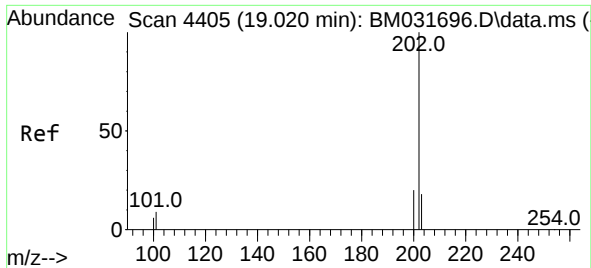


#16
Anthracene
Concen: 0.186 ng/ul
RT: 17.086 min Scan# 3861
Delta R.T. -0.010 min
Lab File: BM031706.D
Acq: 13 Aug 2021 09:35



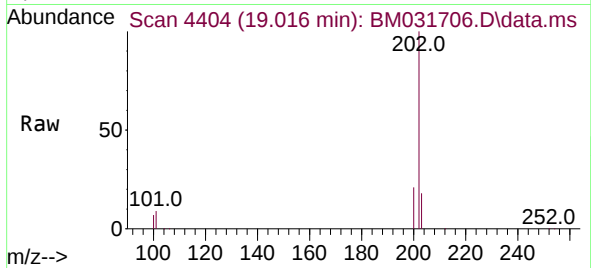
Tgt Ion:178 Resp: 2960
Ion Ratio Lower Upper
178 100
179 18.2 13.0 19.6
176 19.7 15.6 23.4





#19
Fluoranthene
Concen: 1.439 ng/ul
RT: 19.016 min Scan# 4404
Delta R.T. -0.011 min
Lab File: BM031706.D
Acq: 13 Aug 2021 09:35

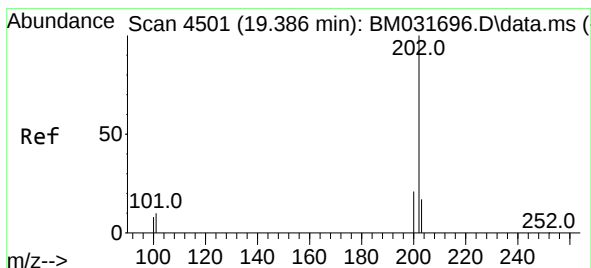
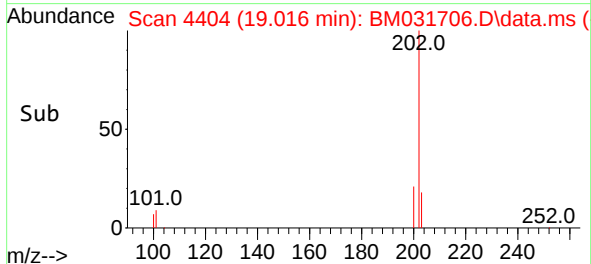
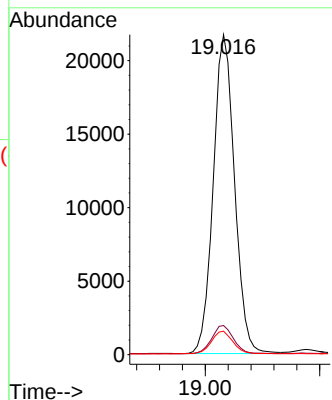
Instrument :
BNA_M
ClientSampleId :
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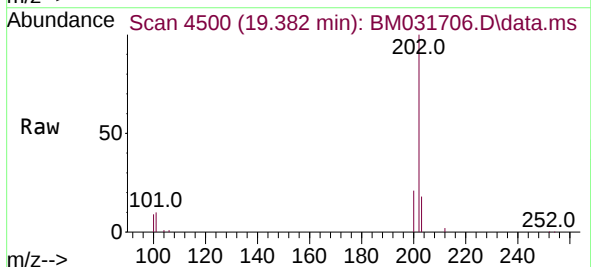
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.1	6.6	10.0
100	7.4	5.4	8.0

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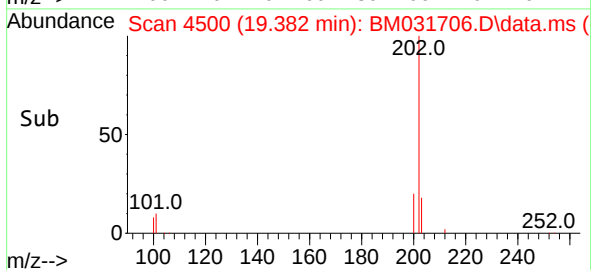
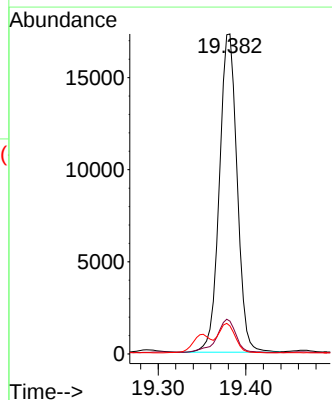
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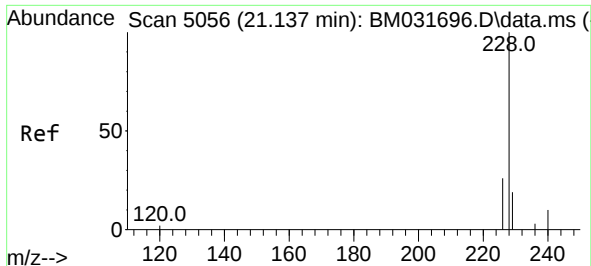


#20
Pyrene
Concen: 1.231 ng/ul
RT: 19.382 min Scan# 4500
Delta R.T. -0.007 min
Lab File: BM031706.D
Acq: 13 Aug 2021 09:35



Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	7.8	11.6
100	8.8	6.6	10.0





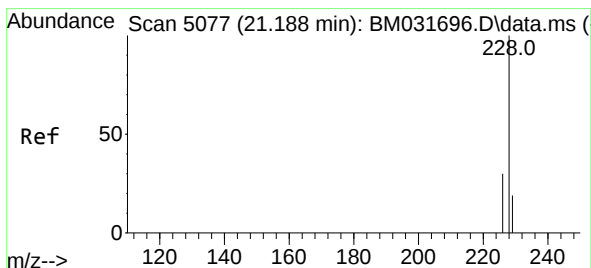
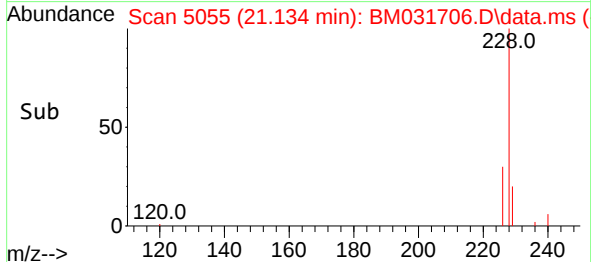
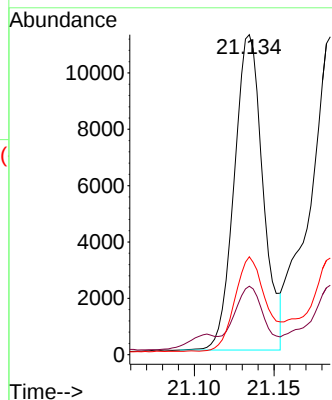
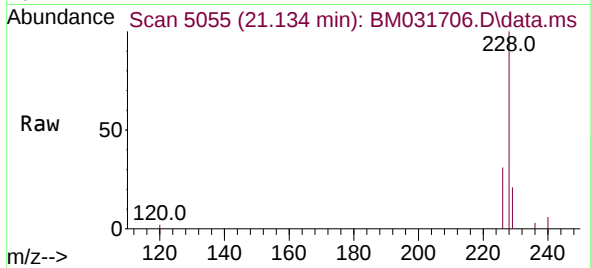
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Benzo(a)anthracene
Concen: 0.764 ng/ul
RT: 21.134 min Scan# 5055
Delta R.T. -0.010 min
Lab File: BM031706.D
Acq: 13 Aug 2021 09:35

Tgt Ion:	228	Resp:	14092
Ion Ratio	Lower	Upper	
228	100		
229	21.4	15.6	23.4
226	30.6	21.7	32.5

Instrument :
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C00D1DL

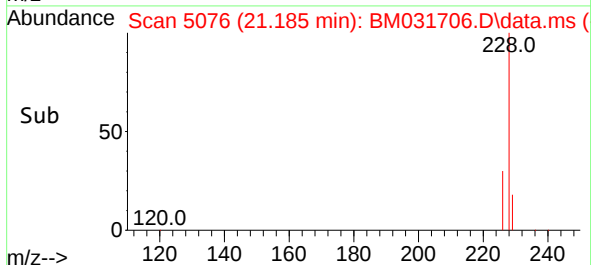
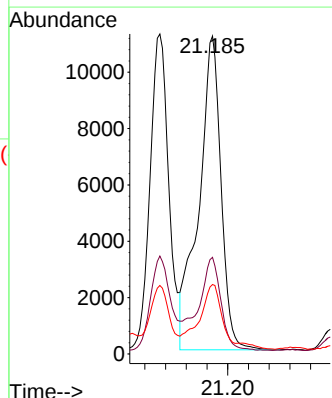
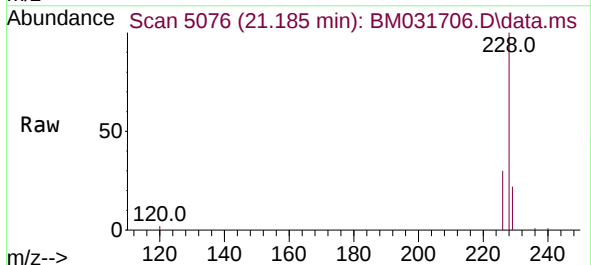
Manual Integrations
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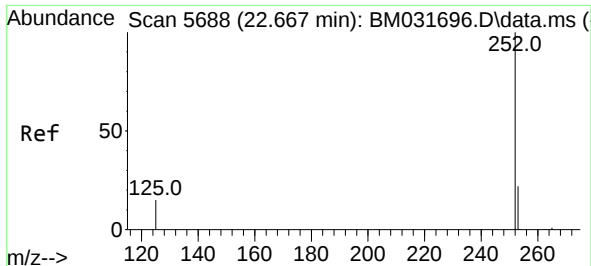
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#22
Chrysene
Concen: 0.874 ng/ul
RT: 21.185 min Scan# 5076
Delta R.T. -0.010 min
Lab File: BM031706.D
Acq: 13 Aug 2021 09:35

Tgt Ion:	228	Resp:	16670
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.7	37.1
229	21.9	16.2	24.2





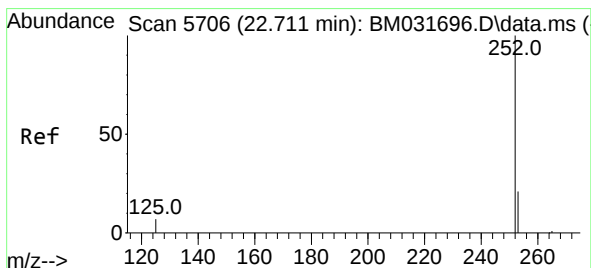
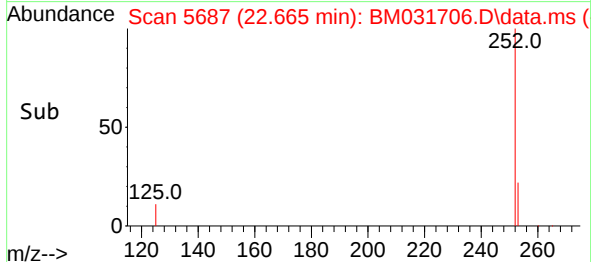
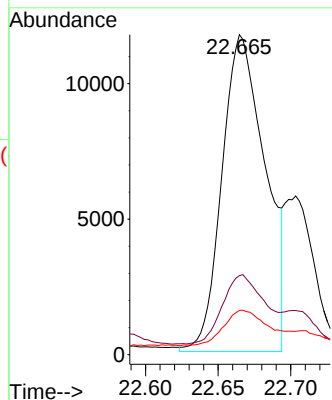
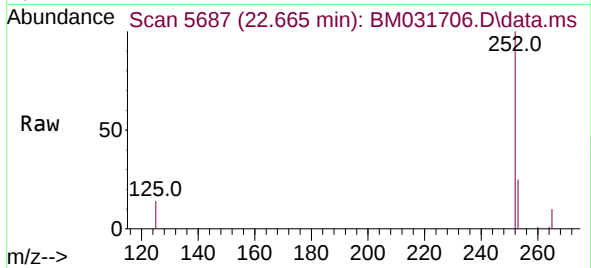
#24
Benzo(b)fluoranthene
Concen: 1.192 ng/ul m
RT: 22.665 min Scan# 5687
Delta R.T. -0.012 min
Lab File: BM031706.D
Acq: 13 Aug 2021 09:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	0.0	53.0
125	13.8	0.0	22.8

Instrument :
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C00D1DL

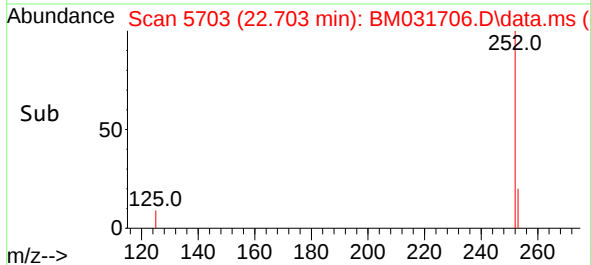
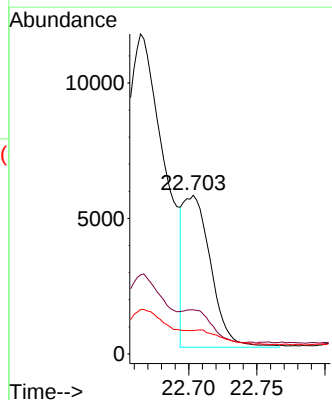
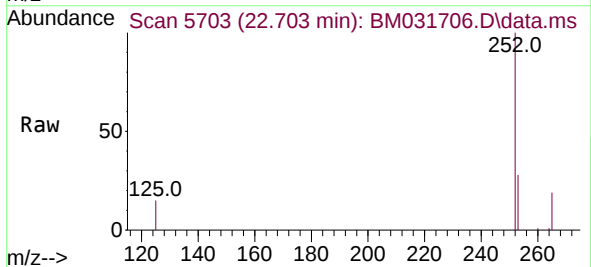
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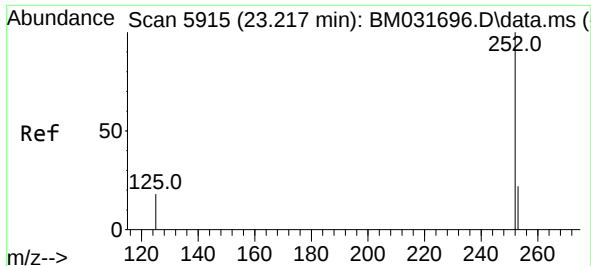
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#25
Benzo(k)fluoranthene
Concen: 0.373 ng/ul m
RT: 22.703 min Scan# 5703
Delta R.T. -0.017 min
Lab File: BM031706.D
Acq: 13 Aug 2021 09:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.9	21.3	31.9
125	14.7	8.8	13.2





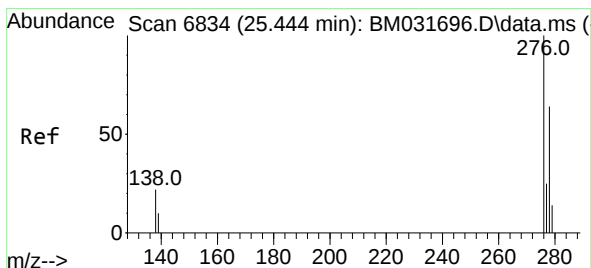
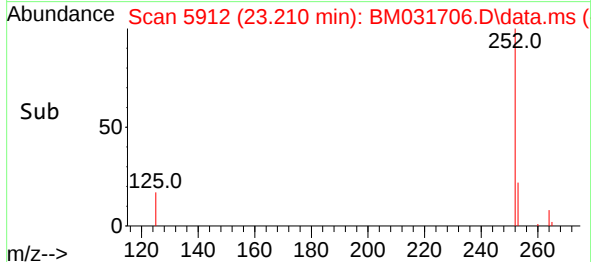
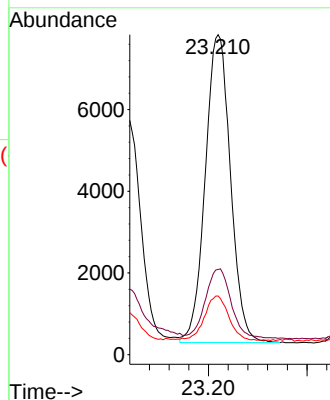
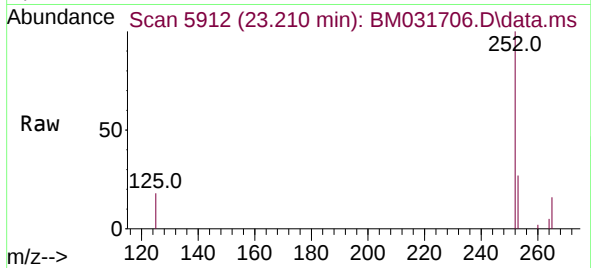
#26
Benzo(a)pyrene
Concen: 0.752 ng/ul
RT: 23.210 min Scan# 5912
Delta R.T. -0.017 min
Lab File: BM031706.D
Acq: 13 Aug 2021 09:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.6	22.4	33.6
125	18.4	13.0	19.4

Instrument :
BNA_M
ClientSampled :
C00D1DL

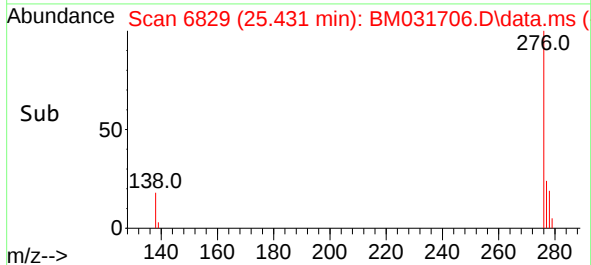
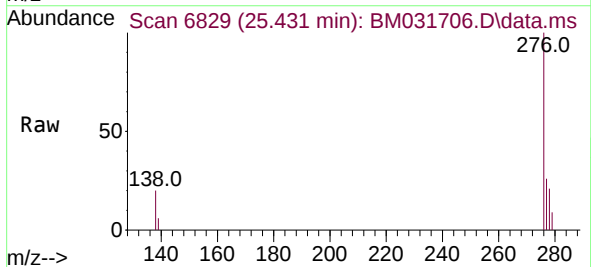
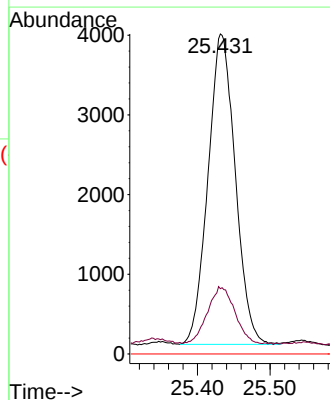
Manual Integrations
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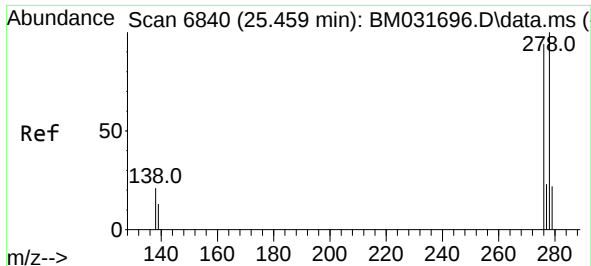
mohammad
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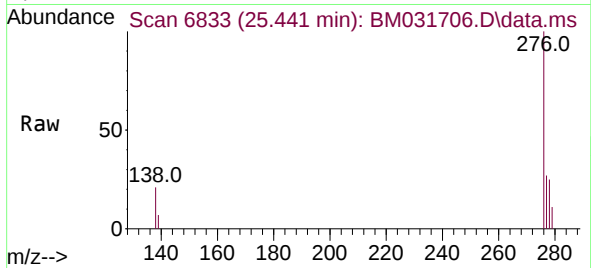
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.440 ng/ul
RT: 25.431 min Scan# 6829
Delta R.T. -0.029 min
Lab File: BM031706.D
Acq: 13 Aug 2021 09:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.2	15.8	23.8
227	0.0	0.0	0.0

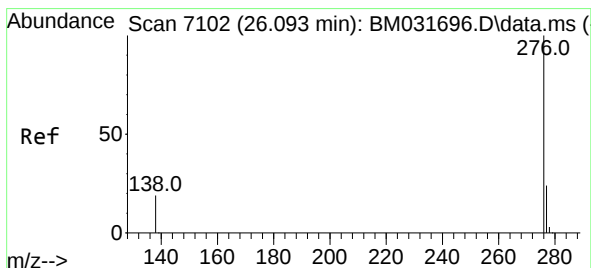
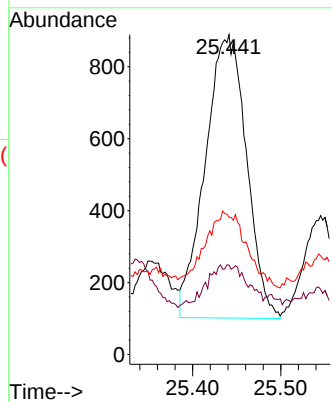
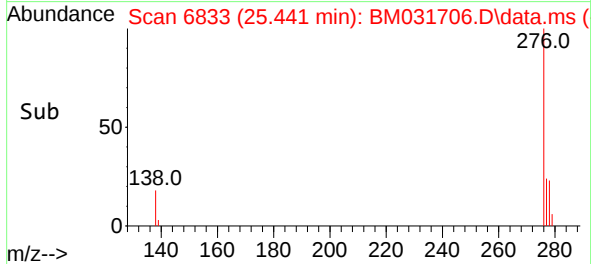




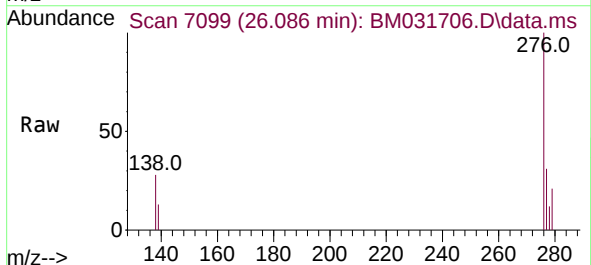
#28
Dibenzo(a,h)anthracene
Concen: 0.138 ng/ul
RT: 25.441 min Scan# 6833
Delta R.T. -0.031 min
Lab File: BM031706.D
Acq: 13 Aug 2021 09:35



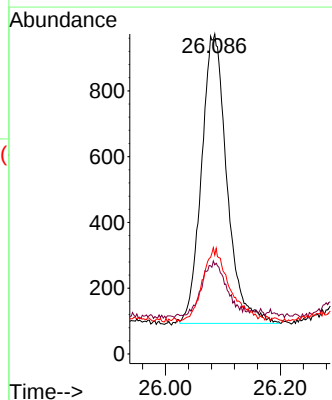
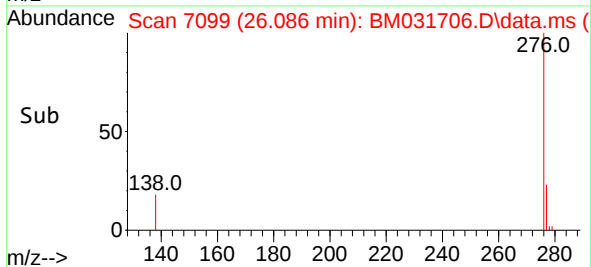
Tgt Ion: 278 Resp: 2559
Ion Ratio Lower Upper
278 100
139 28.0 13.3 19.9#
279 43.0 22.8 34.2#



#29
Benzo(g,h,i)perylene
Concen: 0.137 ng/ul
RT: 26.086 min Scan# 7099
Delta R.T. -0.022 min
Lab File: BM031706.D
Acq: 13 Aug 2021 09:35



Tgt Ion: 276 Resp: 2701
Ion Ratio Lower Upper
276 100
138 27.9 15.4 23.2#
277 30.9 19.9 29.9#



Instrument :
BNA_M
ClientSampled :
C00D1DL

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