

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
 Data File : BM031685.D
 Acq On : 12 Aug 2021 20:02
 Operator : CG/JU
 Sample : M3182-08DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00C6DL

Manual Integrations
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Quant Time: Aug 13 01:01:41 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	7.573	152	1381	0.400	ng/ul	0.00
4) Naphthalene-d8	10.334	136	4872	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.205	164	2639	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.957	188	5071	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.152	240	4195	0.400	ng/ul	# 0.00
23) Perylene-d12	23.309	264	4109	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.186	96	728	0.475	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.930	152	238	0.029	ng/ul	0.00
18) Fluoranthene-d10	18.989	212	473	0.034	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.383	128	3450	0.238	ng/ul	98
7) 2-Methylnaphthalene	12.002	142	2834	0.286	ng/ul	97
8) 1-Methylnaphthalene	12.227	142	1532	0.156	ng/ul	97
10) Acenaphthylene	13.927	152	2286	0.203	ng/ul	92
11) Acenaphthene	14.269	153	301	0.032	ng/ul#	90
12) Fluorene	15.263	166	575	0.053	ng/ul#	89
15) Phenanthrene	16.999	178	15349	0.953	ng/ul	98
16) Anthracene	17.089	178	2820	0.187	ng/ul	95
19) Fluoranthene	19.020	202	24142	1.348	ng/ul	97
20) Pyrene	19.382	202	20136	1.108	ng/ul	96
21) Benzo(a)anthracene	21.137	228	11002	0.649	ng/ul	93
22) Chrysene	21.188	228	12330	0.704	ng/ul	97
24) Benzo(b)fluoranthene	22.672	252	15252m	0.824	ng/ul	
25) Benzo(k)fluoranthene	22.708	252	5101m	0.267	ng/ul	
26) Benzo(a)pyrene	23.215	252	9419	0.581	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.439	276	6783	0.324	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.444	278	1741	0.103	ng/ul#	52
29) Benzo(g,h,i)perylene	26.093	276	1678	0.094	ng/ul#	71

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

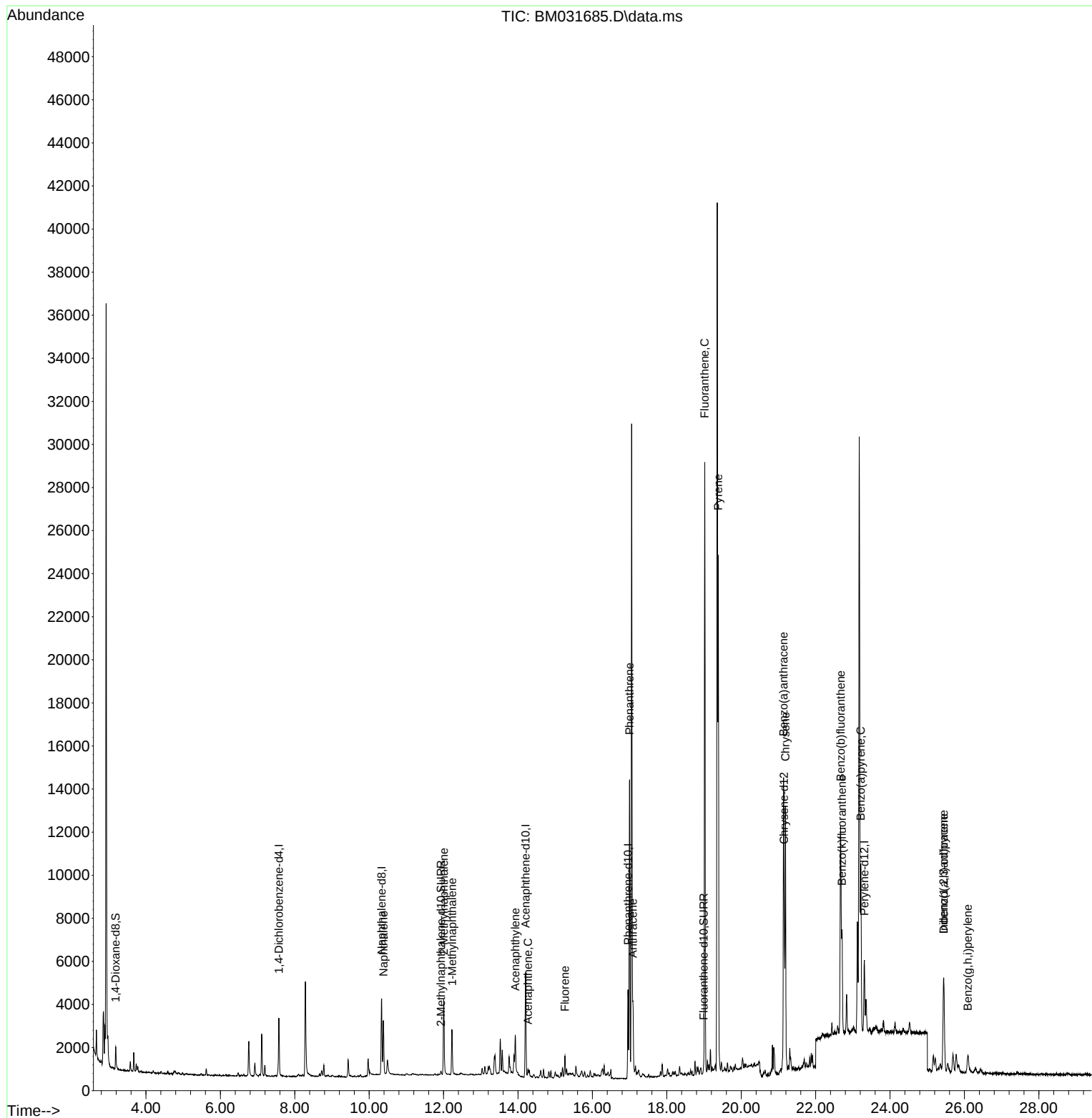
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Data File : BM031685.D
Acq On : 12 Aug 2021 20:02
Operator : CG/JU
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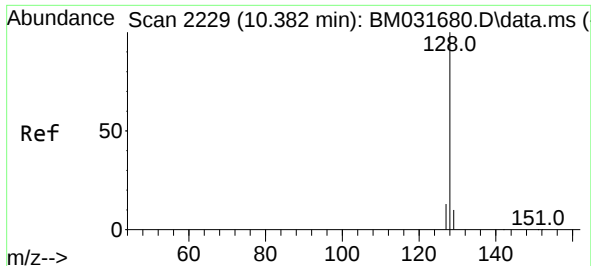
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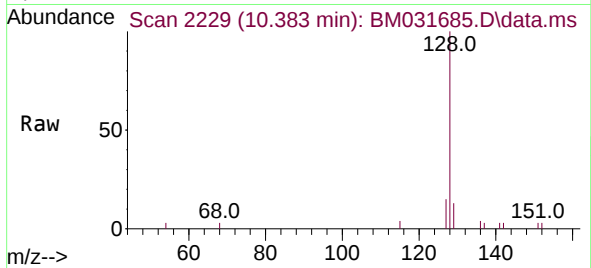
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Quant Time: Aug 13 01:01:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

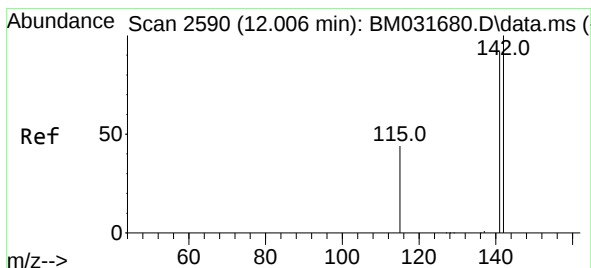
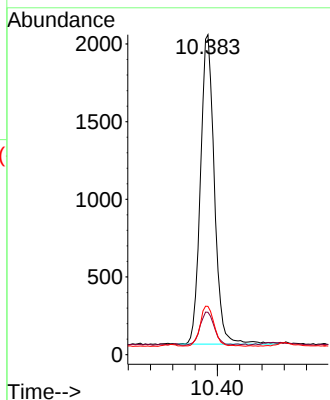
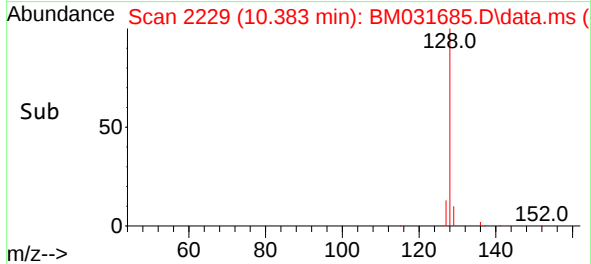




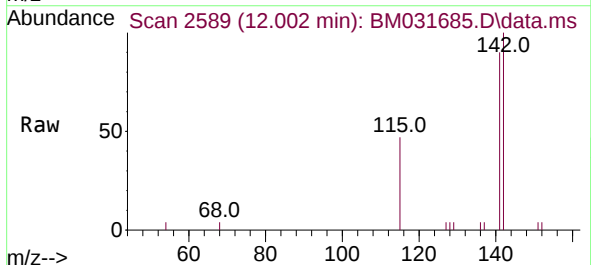
#5
Naphthalene
Concen: 0.238 ng/ul
RT: 10.383 min Scan# 2229
Delta R.T. 0.001 min
Lab File: BM031685.D
Acq: 12 Aug 2021 20:02



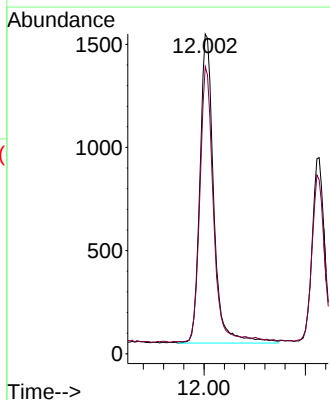
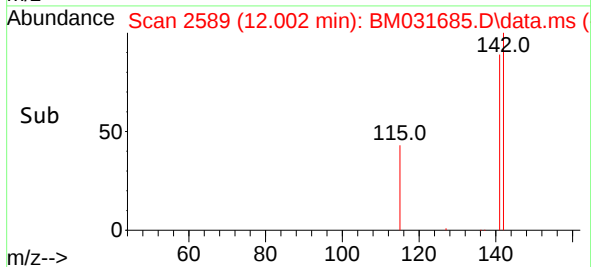
Tgt Ion:128 Resp: 3450
Ion Ratio Lower Upper
128 100
129 13.3 10.0 15.0
127 15.1 11.6 17.4



#7
2-Methylnaphthalene
Concen: 0.286 ng/ul
RT: 12.002 min Scan# 2589
Delta R.T. -0.003 min
Lab File: BM031685.D
Acq: 12 Aug 2021 20:02



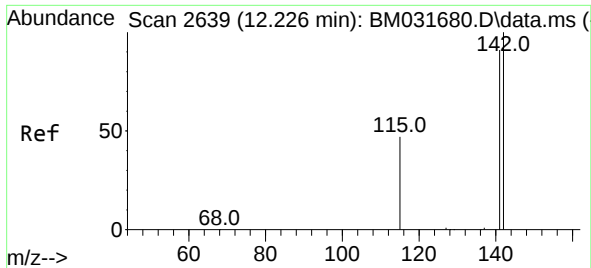
Tgt Ion:142 Resp: 2834
Ion Ratio Lower Upper
142 100
141 86.0 71.4 107.0



Instrument :
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ClientSampleId :
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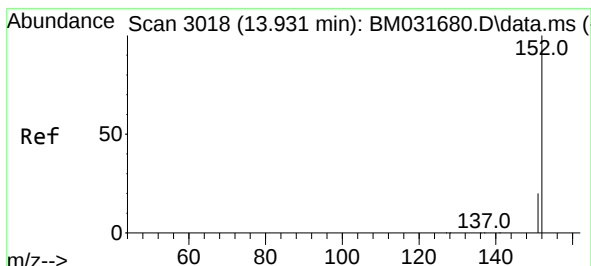
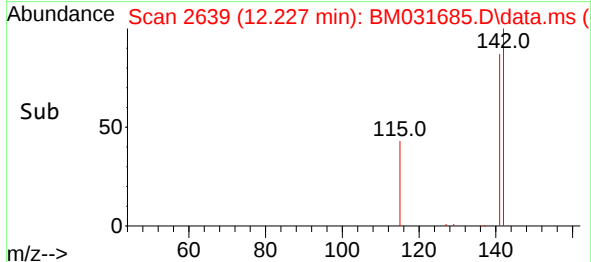
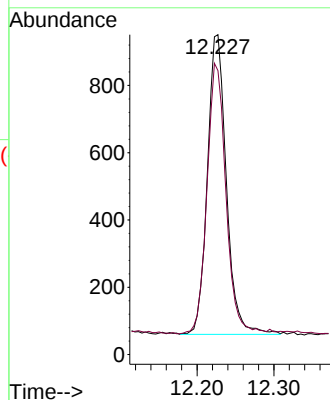
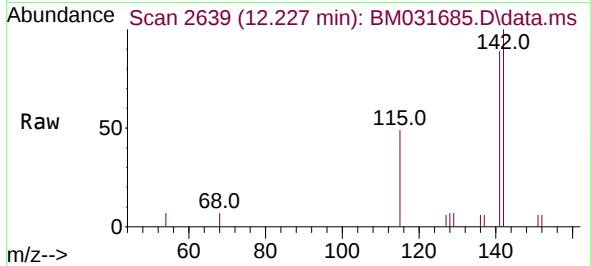
#8
1-Methylnaphthalene
Concen: 0.156 ng/ul
RT: 12.227 min Scan# 2639
Delta R.T. 0.001 min
Lab File: BM031685.D
Acq: 12 Aug 2021 20:02

Tgt Ion:142 Resp: 1532
Ion Ratio Lower Upper
142 100
141 89.8 74.1 111.1

Instrument :
BNA_M
ClientSampled :
C00C6DL

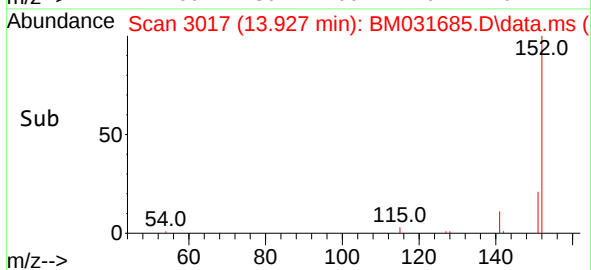
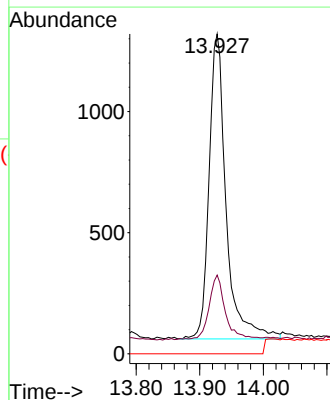
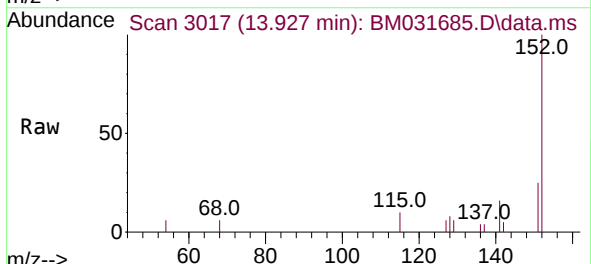
Manual Integrations
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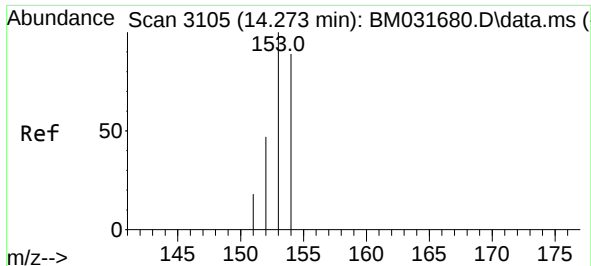
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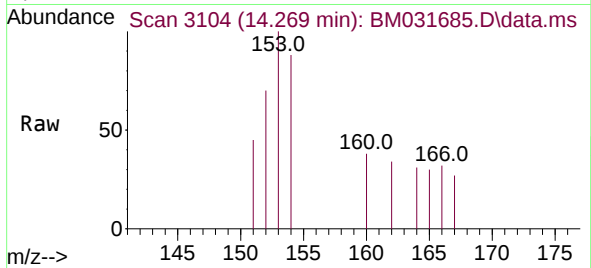
#10
Acenaphthylene
Concen: 0.203 ng/ul
RT: 13.927 min Scan# 3017
Delta R.T. -0.003 min
Lab File: BM031685.D
Acq: 12 Aug 2021 20:02

Tgt Ion:152 Resp: 2286
Ion Ratio Lower Upper
152 100
151 24.6 16.9 25.3
153 0.0 0.0 0.0

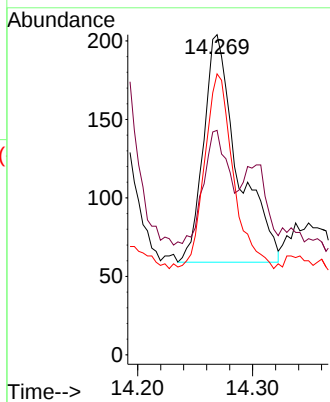
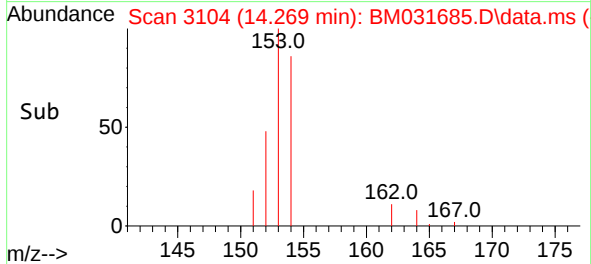




#11
Acenaphthene
Concen: 0.032 ng/u1
RT: 14.269 min Scan# 3104
Delta R.T. -0.003 min
Lab File: BM031685.D
Acq: 12 Aug 2021 20:02



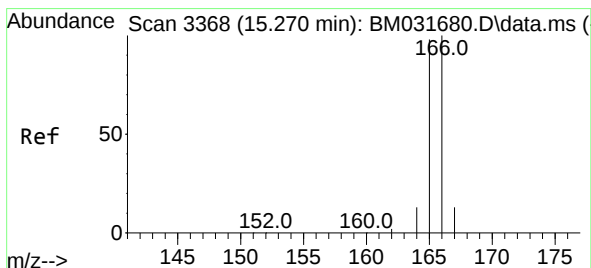
Tgt Ion:153 Resp: 301
Ion Ratio Lower Upper
153 100
152 70.1 40.7 61.1#
154 87.7 70.2 105.2



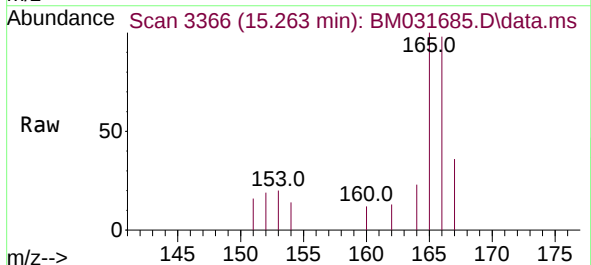
Instrument :
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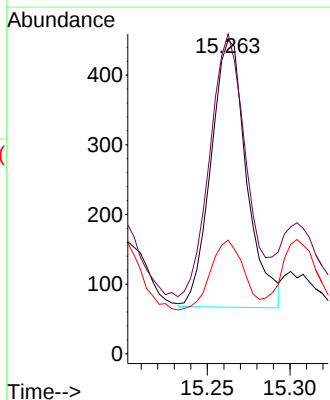
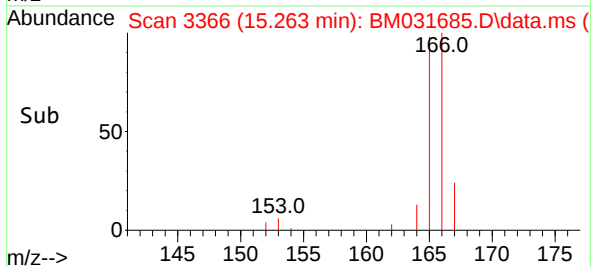
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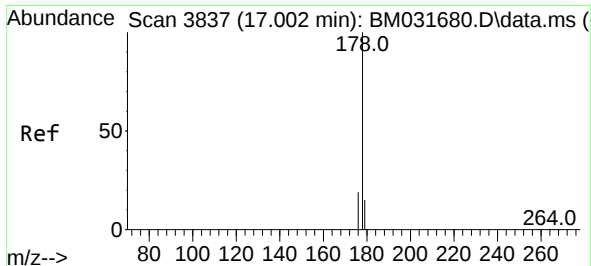


#12
Fluorene
Concen: 0.053 ng/u1
RT: 15.263 min Scan# 3366
Delta R.T. -0.007 min
Lab File: BM031685.D
Acq: 12 Aug 2021 20:02



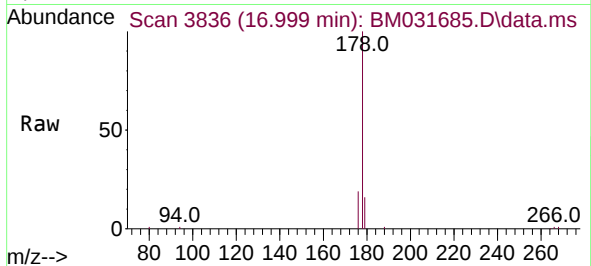
Tgt Ion:166 Resp: 575
Ion Ratio Lower Upper
166 100
165 102.0 78.0 117.0
167 36.2 12.0 18.0#





#15
Phenanthrene
Concen: 0.953 ng/u1
RT: 16.999 min Scan# 3836
Delta R.T. -0.003 min
Lab File: BM031685.D
Acq: 12 Aug 2021 20:02

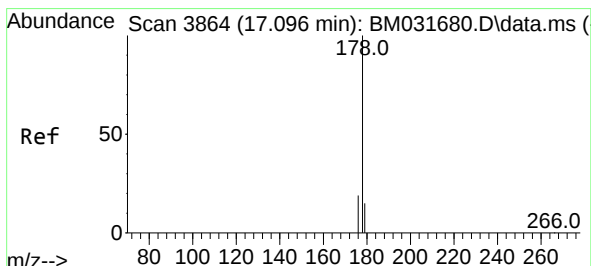
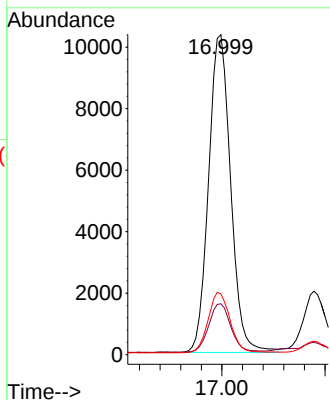
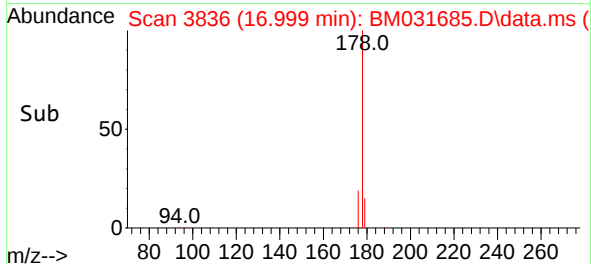
Instrument :
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ClientSampleId :
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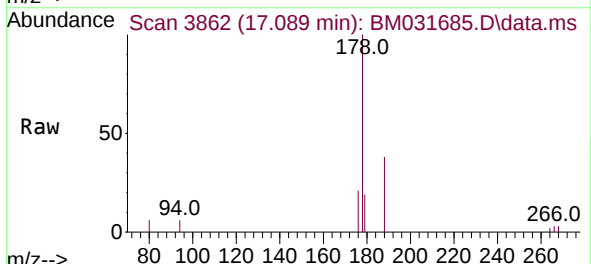
Tgt Ion:178 Resp: 15349
Ion Ratio Lower Upper
178 100
179 15.9 13.3 19.9
176 19.0 16.2 24.4

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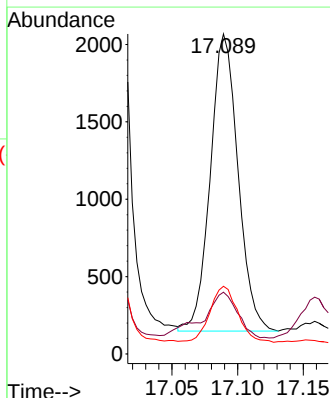
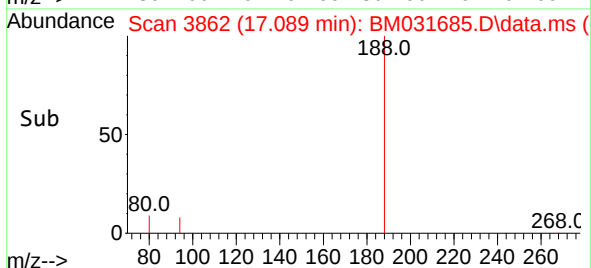
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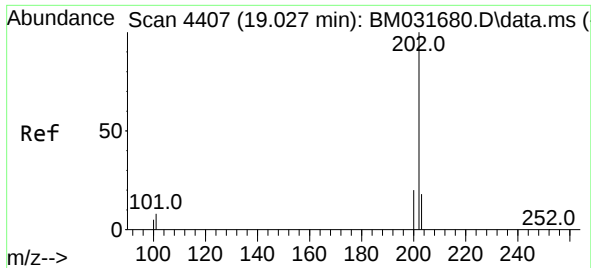


#16
Anthracene
Concen: 0.187 ng/u1
RT: 17.089 min Scan# 3862
Delta R.T. -0.007 min
Lab File: BM031685.D
Acq: 12 Aug 2021 20:02

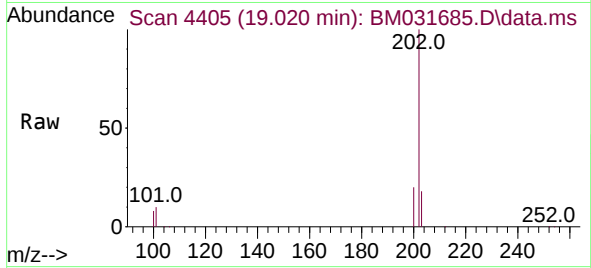


Tgt Ion:178 Resp: 2820
Ion Ratio Lower Upper
178 100
179 19.3 13.0 19.6
176 21.1 15.6 23.4

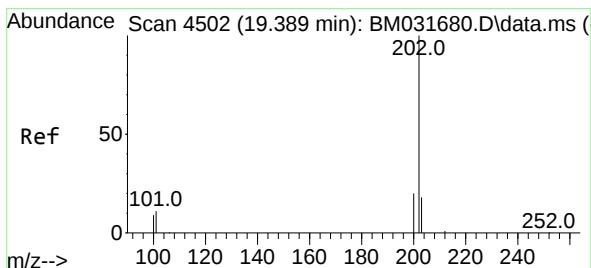
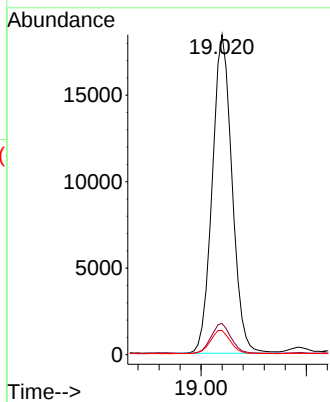
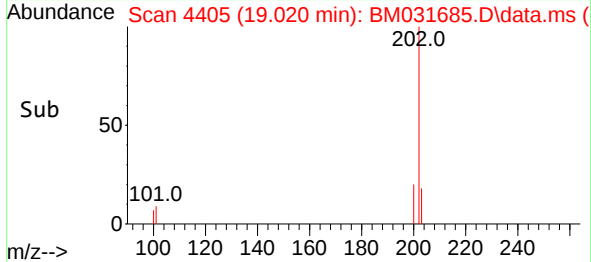




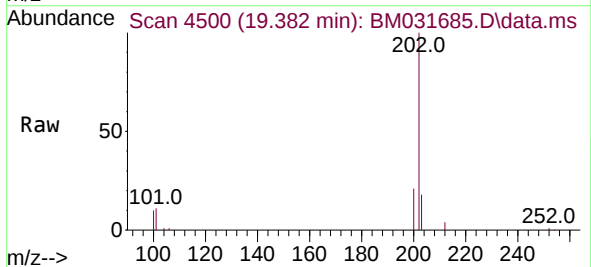
#19
Fluoranthene
Concen: 1.348 ng/ul
RT: 19.020 min Scan# 4405
Delta R.T. -0.007 min
Lab File: BM031685.D
Acq: 12 Aug 2021 20:02



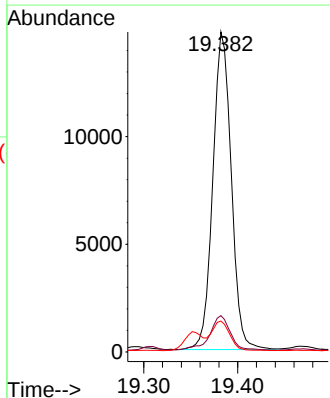
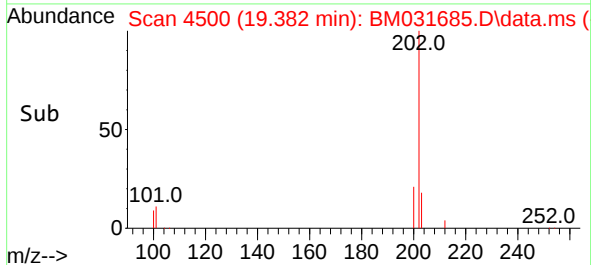
Tgt Ion:202 Resp: 24142
Ion Ratio Lower Upper
202 100
101 9.7 6.6 10.0
100 7.5 5.4 8.0



#20
Pyrene
Concen: 1.108 ng/ul
RT: 19.382 min Scan# 4500
Delta R.T. -0.007 min
Lab File: BM031685.D
Acq: 12 Aug 2021 20:02



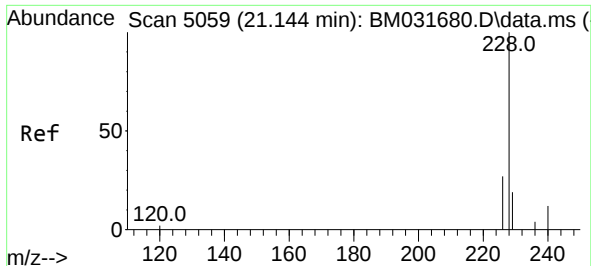
Tgt Ion:202 Resp: 20136
Ion Ratio Lower Upper
202 100
101 11.4 7.8 11.6
100 9.6 6.6 10.0



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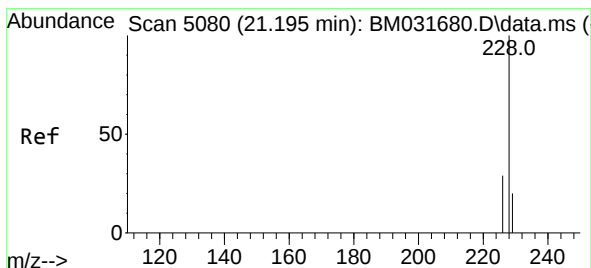
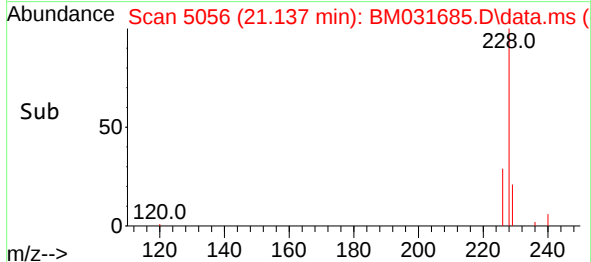
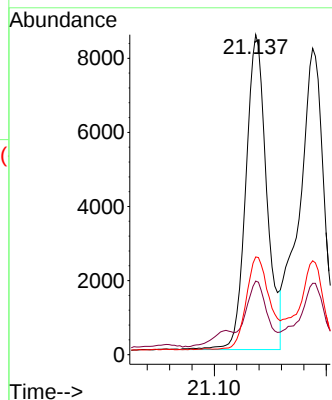
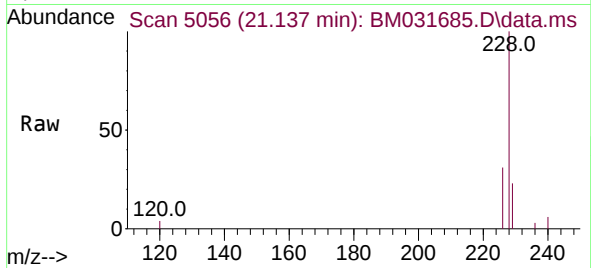
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Benzo(a)anthracene
Concen: 0.649 ng/ul
RT: 21.137 min Scan# 5056
Delta R.T. -0.007 min
Lab File: BM031685.D
Acq: 12 Aug 2021 20:02

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.0	15.6	23.4
226	30.6	21.7	32.5

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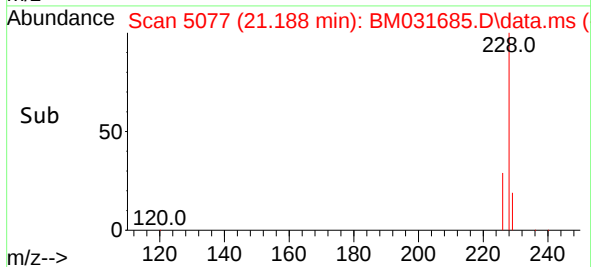
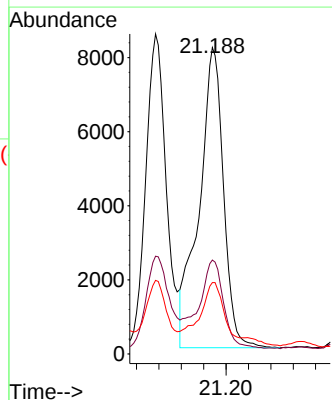
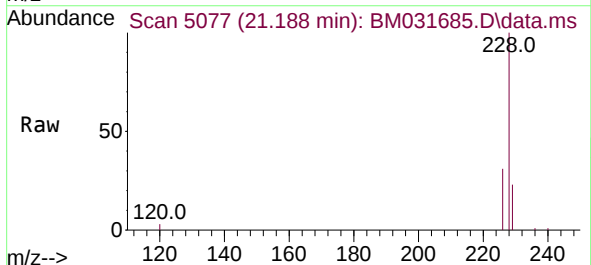
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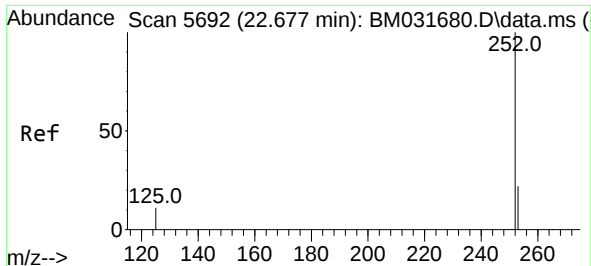
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#22
Chrysene
Concen: 0.704 ng/ul
RT: 21.188 min Scan# 5077
Delta R.T. -0.007 min
Lab File: BM031685.D
Acq: 12 Aug 2021 20:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.7	37.1
229	23.3	16.2	24.2





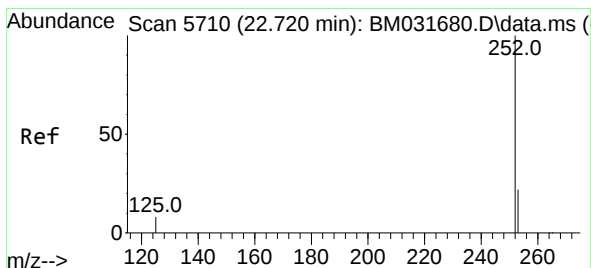
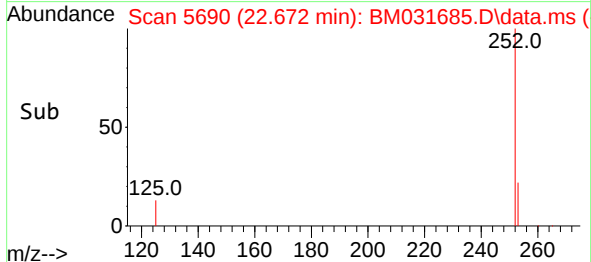
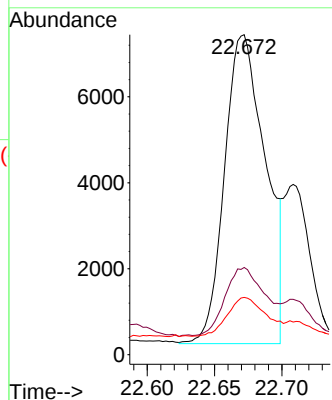
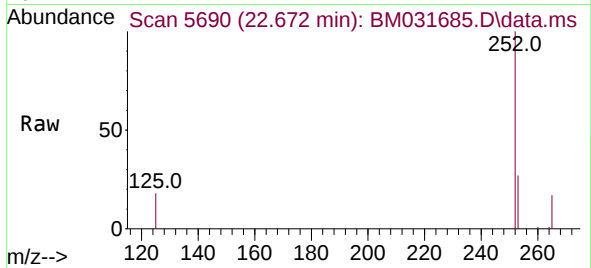
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Benzo(b)fluoranthene
Concen: 0.824 ng/ul m
RT: 22.672 min Scan# 5690
Delta R.T. -0.005 min
Lab File: BM031685.D
Acq: 12 Aug 2021 20:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.2	0.0	53.0
125	17.9	0.0	22.8

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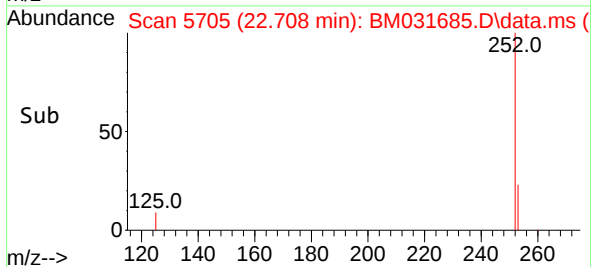
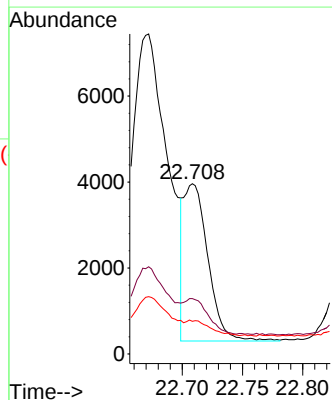
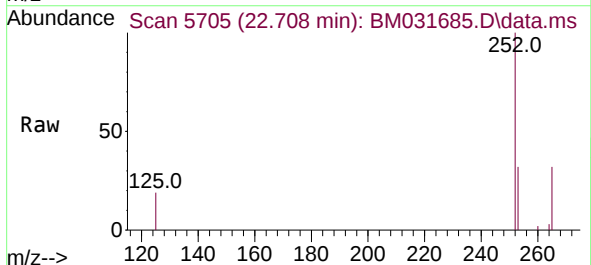
Manual Integrations
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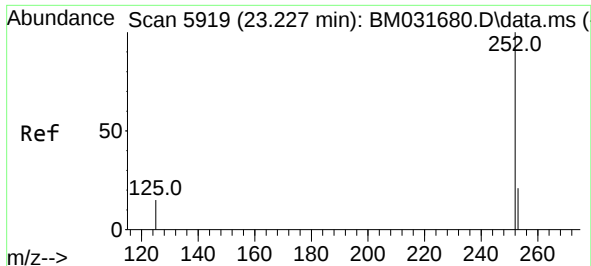
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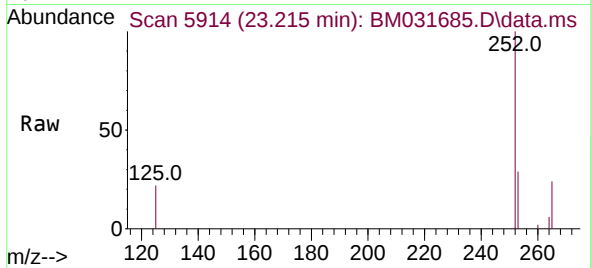
#25
Benzo(k)fluoranthene
Concen: 0.267 ng/ul m
RT: 22.708 min Scan# 5705
Delta R.T. -0.012 min
Lab File: BM031685.D
Acq: 12 Aug 2021 20:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.5	21.3	31.9#
125	19.2	8.8	13.2#

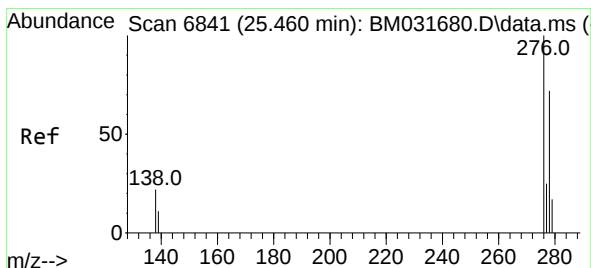
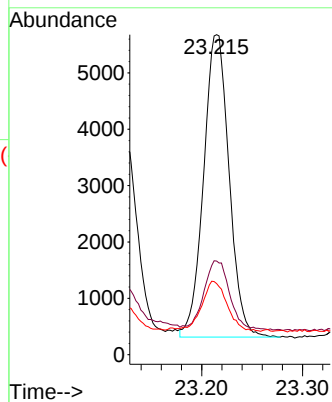
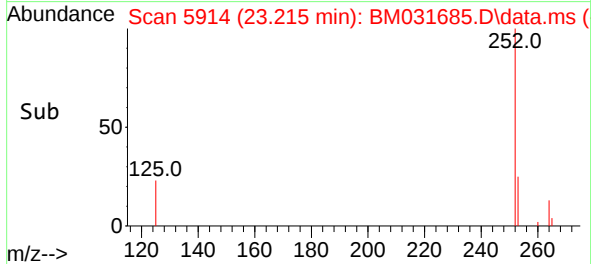




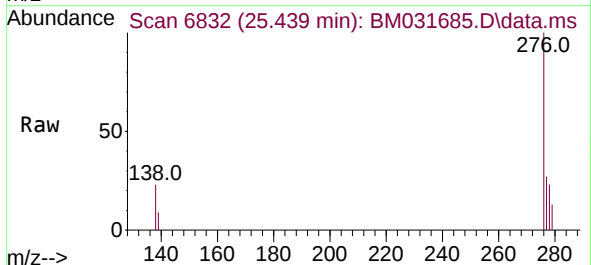
#26
Benzo(a)pyrene
Concen: 0.581 ng/ul
RT: 23.215 min Scan# 5914
Delta R.T. -0.012 min
Lab File: BM031685.D
Acq: 12 Aug 2021 20:02



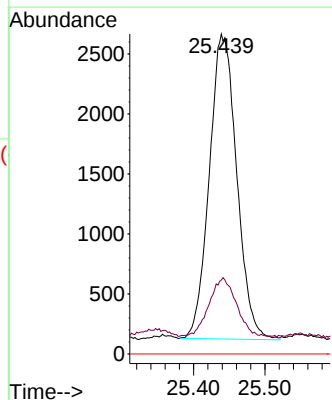
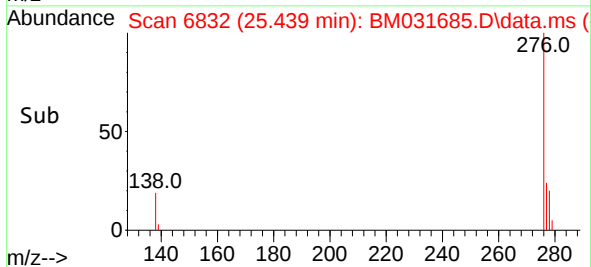
Tgt Ion:252 Resp: 9419
Ion Ratio Lower Upper
252 100
253 29.3 22.4 33.6
125 22.2 13.0 19.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.324 ng/ul
RT: 25.439 min Scan# 6832
Delta R.T. -0.022 min
Lab File: BM031685.D
Acq: 12 Aug 2021 20:02



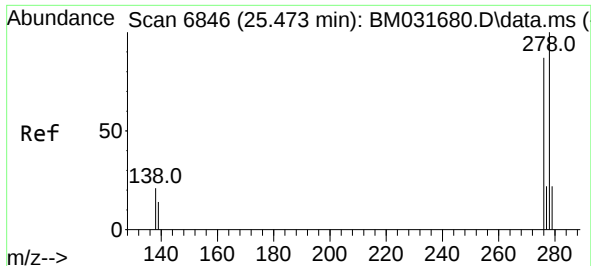
Tgt Ion:276 Resp: 6783
Ion Ratio Lower Upper
276 100
138 20.0 15.8 23.8
227 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampleId :
C00C6DL

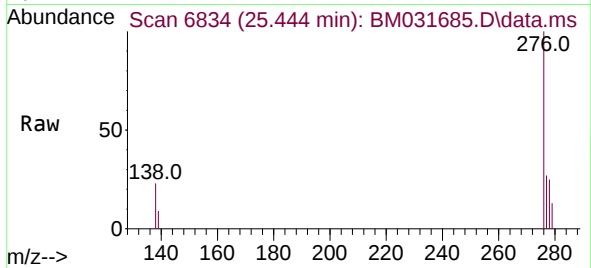
Manual Integrations
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#28
Dibenzo(a,h)anthracene
Concen: 0.103 ng/ul
RT: 25.444 min Scan# 6834
Delta R.T. -0.029 min
Lab File: BM031685.D
Acq: 12 Aug 2021 20:02

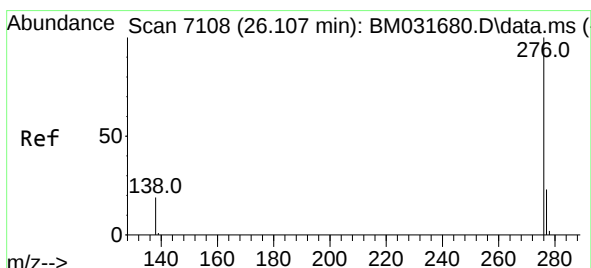
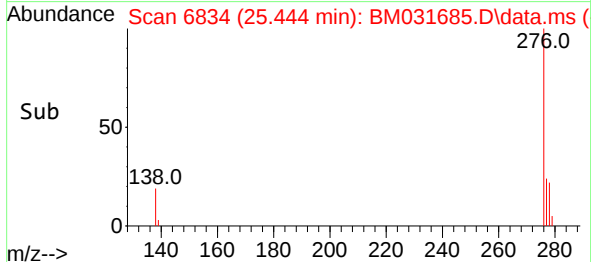
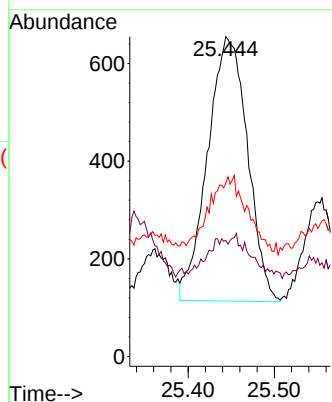
Instrument :
BNA_M
ClientSampled :
C00C6DL



Tgt Ion:278 Resp: 1741
Ion Ratio Lower Upper
278 100
139 36.3 13.3 19.9#
279 54.2 22.8 34.2#

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.094 ng/ul
RT: 26.093 min Scan# 7102
Delta R.T. -0.014 min
Lab File: BM031685.D
Acq: 12 Aug 2021 20:02

Tgt Ion:276 Resp: 1678
Ion Ratio Lower Upper
276 100
138 36.4 15.4 23.2#
277 35.8 19.9 29.9#

