

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
 Data File : BM031679.D
 Acq On : 12 Aug 2021 16:16
 Operator : CG/JU
 Sample : M3182-18
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00D6

Manual Integrations
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Quant Time: Aug 12 16:47:31 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 11:28:10 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.573	152	1169	0.400	ng/ul	0.00
4) Naphthalene-d8	10.329	136	4345	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.205	164	2575	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.957	188	4484	0.400	ng/ul #	0.00
17) Chrysene-d12	21.159	240	3672	0.400	ng/ul #	0.00
23) Perylene-d12	23.319	264	3636	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.182	96	4187	3.225	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.926	152	1546	0.211	ng/ul	0.00
18) Fluoranthene-d10	18.993	212	3087	0.252	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.379	128	14817	1.145	ng/ul	99
7) 2-Methylnaphthalene	12.002	142	11984	1.355	ng/ul	100
8) 1-Methylnaphthalene	12.223	142	5854	0.670	ng/ul	100
10) Acenaphthylene	13.927	152	1443	0.132	ng/ul#	90
11) Acenaphthene	14.269	153	570m	0.062	ng/ul	
12) Fluorene	15.263	166	1036	0.098	ng/ul#	87
15) Phenanthrene	16.999	178	31033	2.179	ng/ul	98
16) Anthracene	17.089	178	2226	0.167	ng/ul#	91
19) Fluoranthene	19.020	202	21325	1.360	ng/ul#	94
20) Pyrene	19.386	202	17711	1.114	ng/ul	96
21) Benzo(a)anthracene	21.142	228	8133	0.548	ng/ul#	89
22) Chrysene	21.193	228	12931	0.843	ng/ul#	96
24) Benzo(b)fluoranthene	22.679	252	11318m	0.691	ng/ul	
25) Benzo(k)fluoranthene	22.716	252	3728m	0.220	ng/ul	
26) Benzo(a)pyrene	23.224	252	6281	0.438	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	25.449	276	4537	0.245	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.458	278	1384	0.093	ng/ul#	32
29) Benzo(g,h,i)perylene	26.103	276	989	0.063	ng/ul#	48

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

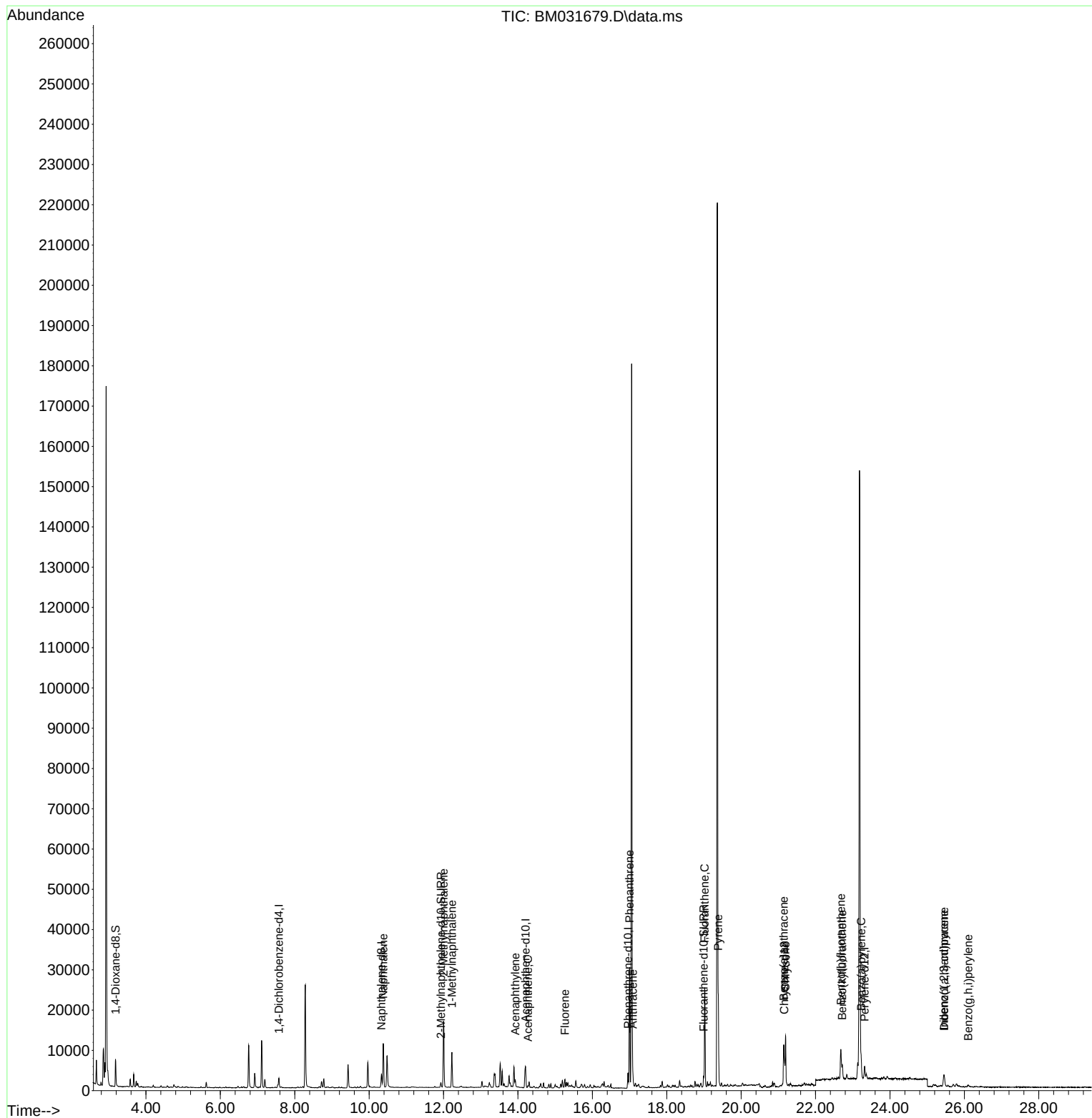
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
Data File : BM031679.D
Acq On : 12 Aug 2021 16:16
Operator : CG/JU
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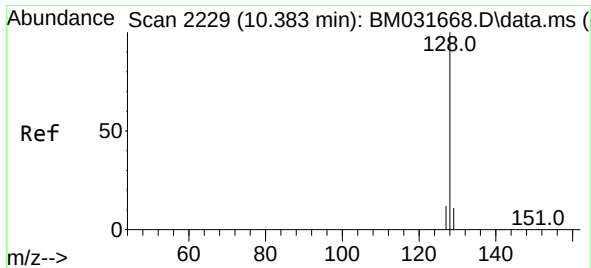
Instrument :
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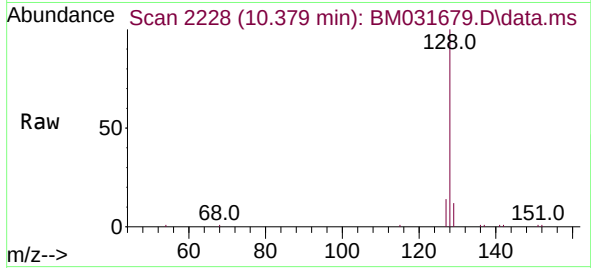
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Quant Time: Aug 12 16:47:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 11:28:10 2021
Response via : Initial Calibration

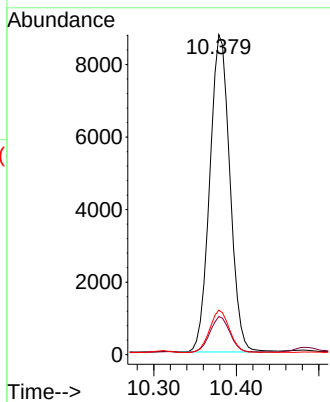
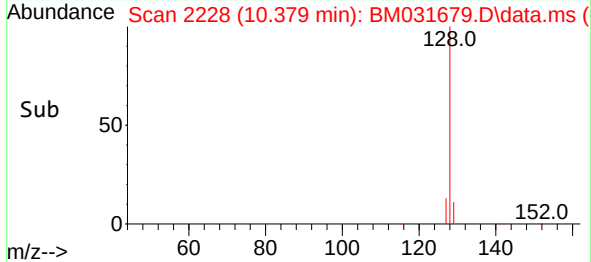




#5
Naphthalene
Concen: 1.145 ng/ul
RT: 10.379 min Scan# 2228
Delta R.T. -0.005 min
Lab File: BM031679.D
Acq: 12 Aug 2021 16:16



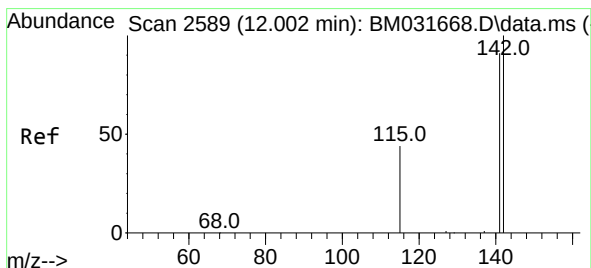
Tgt Ion:128 Resp: 14817
Ion Ratio Lower Upper
128 100
129 11.9 10.0 15.0
127 13.9 11.6 17.4



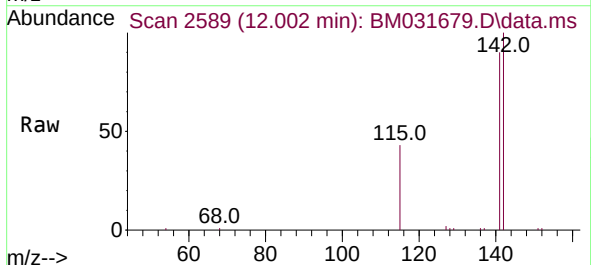
Instrument :
BNA_M
ClientSampled :
C00D6

Manual Integrations
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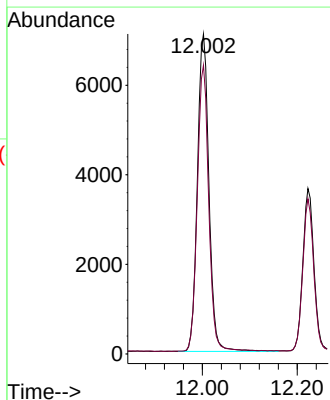
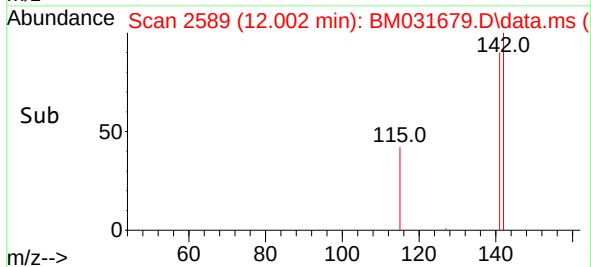
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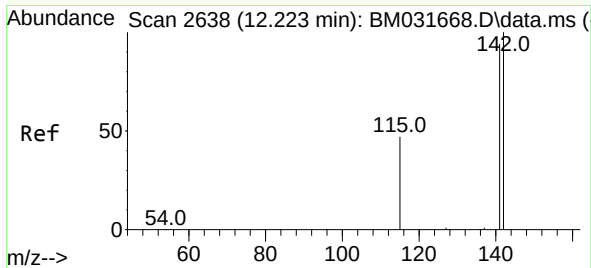


#7
2-Methylnaphthalene
Concen: 1.355 ng/ul
RT: 12.002 min Scan# 2589
Delta R.T. -0.000 min
Lab File: BM031679.D
Acq: 12 Aug 2021 16:16



Tgt Ion:142 Resp: 11984
Ion Ratio Lower Upper
142 100
141 88.9 71.4 107.0





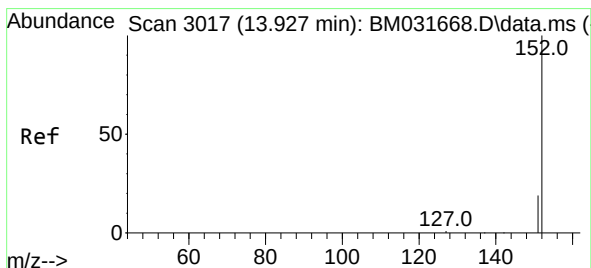
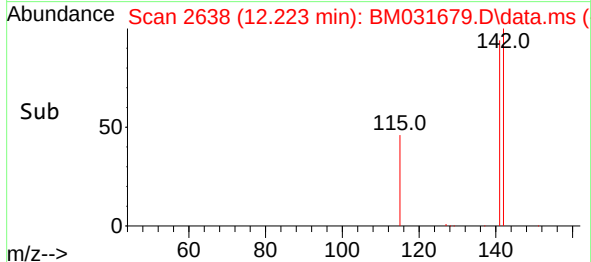
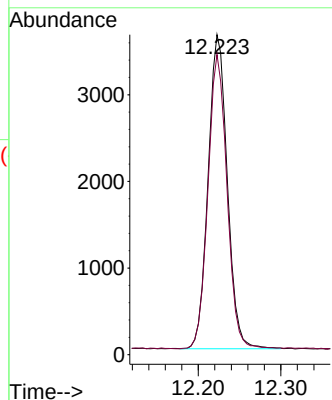
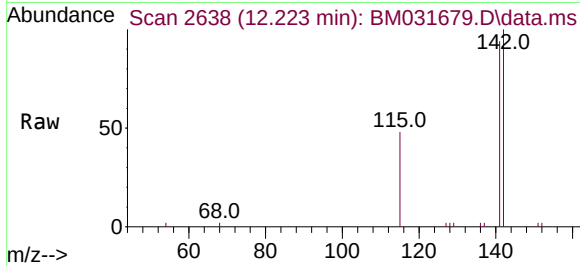
#8
1-Methylnaphthalene
Concen: 0.670 ng/ul
RT: 12.223 min Scan# 2638
Delta R.T. -0.000 min
Lab File: BM031679.D
Acq: 12 Aug 2021 16:16

Tgt Ion:142 Resp: 5854
Ion Ratio Lower Upper
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141 92.9 74.1 111.1

Instrument :
BNA_M
ClientSampled :
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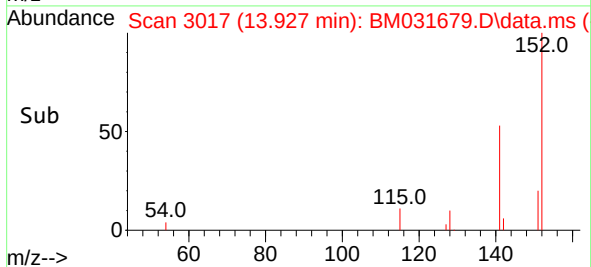
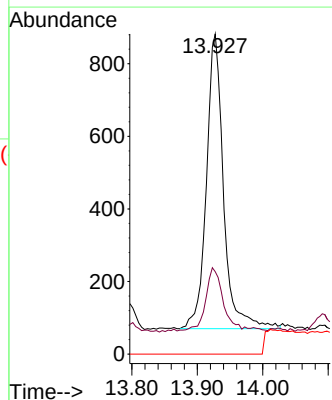
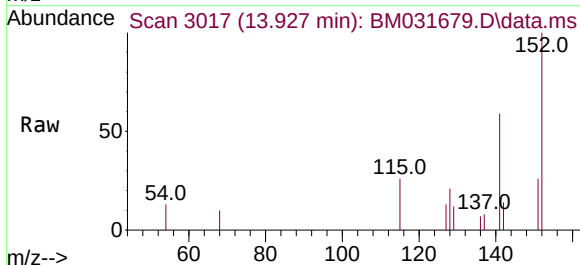
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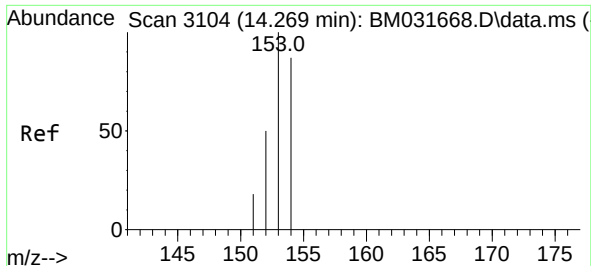
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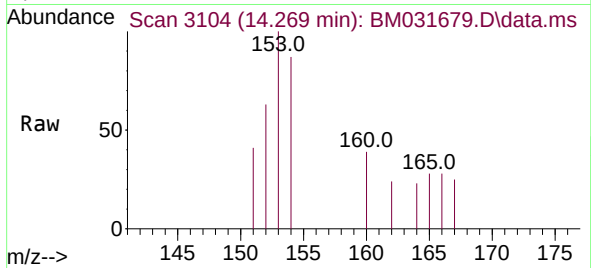
#10
Acenaphthylene
Concen: 0.132 ng/ul
RT: 13.927 min Scan# 3017
Delta R.T. -0.000 min
Lab File: BM031679.D
Acq: 12 Aug 2021 16:16

Tgt Ion:152 Resp: 1443
Ion Ratio Lower Upper
152 100
151 25.7 16.9 25.3#
153 0.0 0.0 0.0

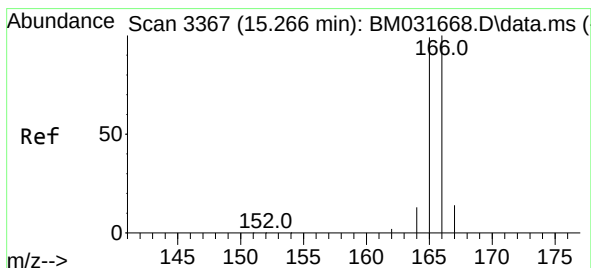
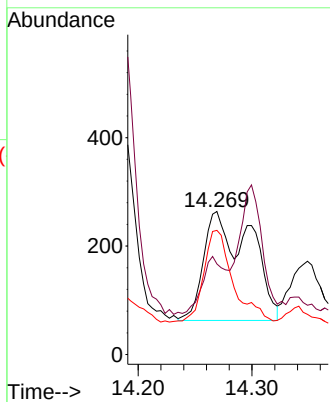
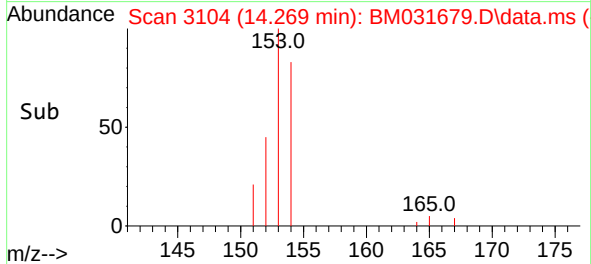




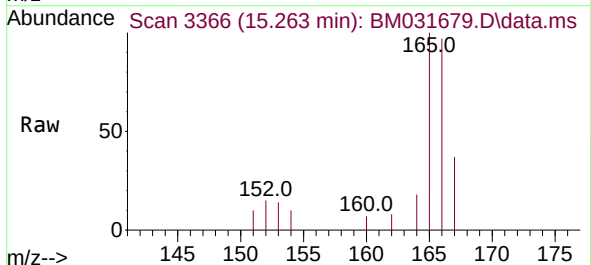
#11
Acenaphthene
Concen: 0.062 ng/ul m
RT: 14.269 min Scan# 3104
Delta R.T. -0.000 min
Lab File: BM031679.D
Acq: 12 Aug 2021 16:16



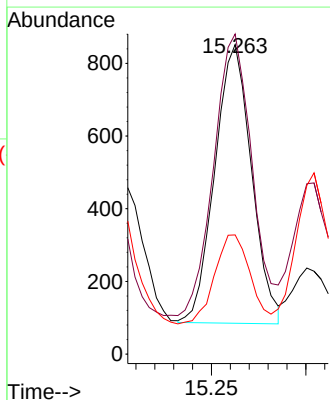
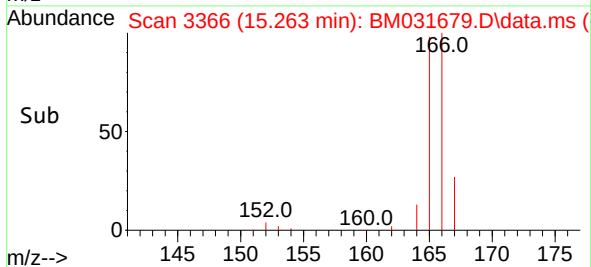
Tgt Ion:153 Resp: 570
Ion Ratio Lower Upper
153 100
152 63.3 40.7 61.1#
154 86.7 70.2 105.2



#12
Fluorene
Concen: 0.098 ng/ul
RT: 15.263 min Scan# 3366
Delta R.T. -0.004 min
Lab File: BM031679.D
Acq: 12 Aug 2021 16:16



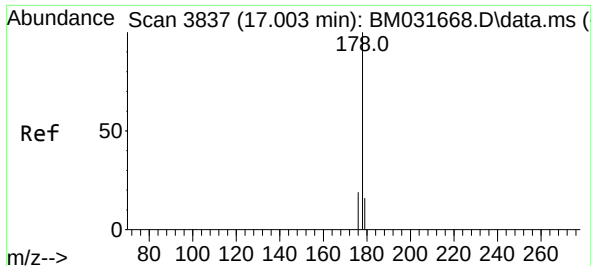
Tgt Ion:166 Resp: 1036
Ion Ratio Lower Upper
166 100
165 103.4 78.0 117.0
167 38.5 12.0 18.0#



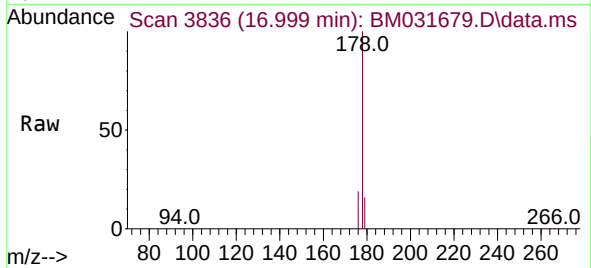
Instrument :
BNA_M
ClientSampleId :
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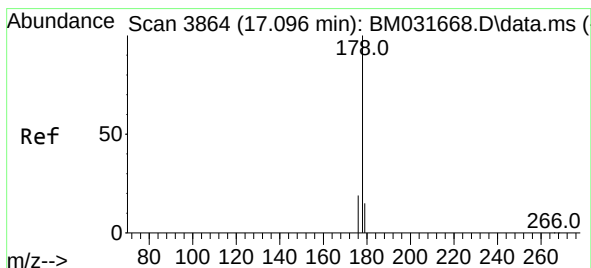
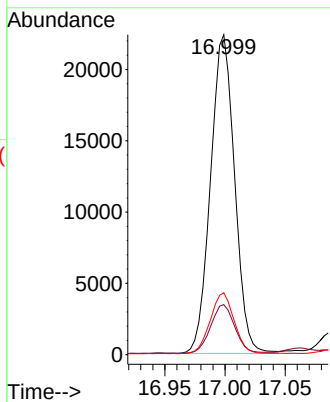
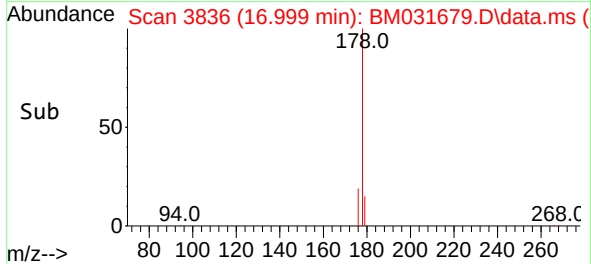
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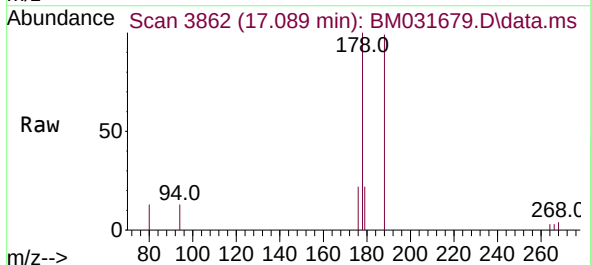
#15
Phenanthrene
Concen: 2.179 ng/ul
RT: 16.999 min Scan# 3836
Delta R.T. -0.004 min
Lab File: BM031679.D
Acq: 12 Aug 2021 16:16



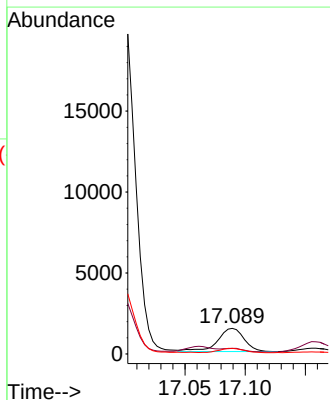
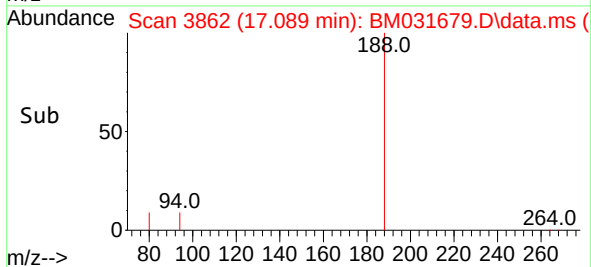
Tgt Ion:178 Resp: 31033
Ion Ratio Lower Upper
178 100
179 15.6 13.3 19.9
176 19.4 16.2 24.4



#16
Anthracene
Concen: 0.167 ng/ul
RT: 17.089 min Scan# 3862
Delta R.T. -0.007 min
Lab File: BM031679.D
Acq: 12 Aug 2021 16:16



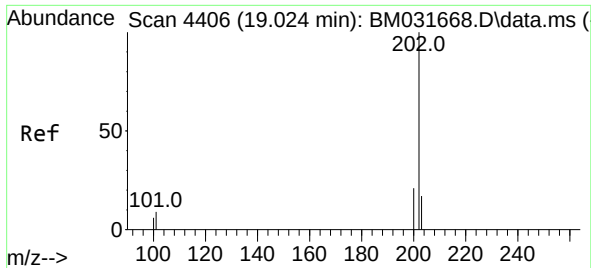
Tgt Ion:178 Resp: 2226
Ion Ratio Lower Upper
178 100
179 22.0 13.0 19.6#
176 21.8 15.6 23.4



Instrument :
BNA_M
ClientSampleId :
C00D6

Manual Integrations
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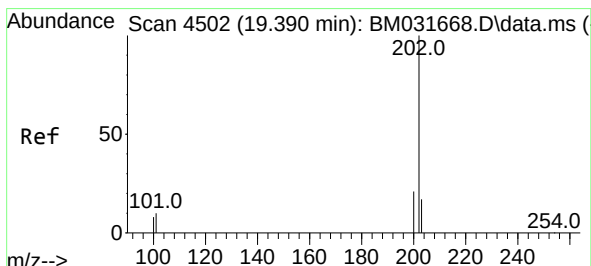
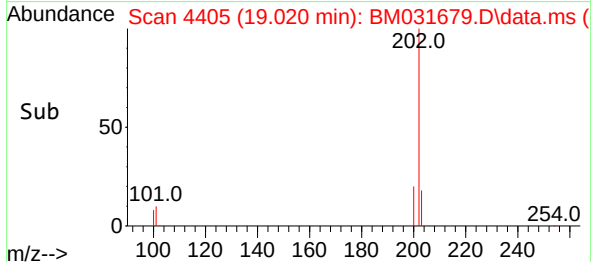
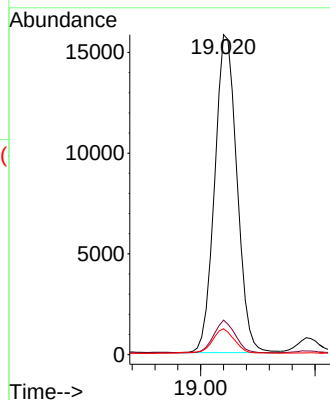
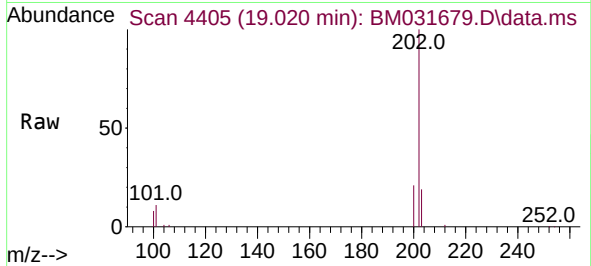
#19
Fluoranthene
Concen: 1.360 ng/ul
RT: 19.020 min Scan# 4405
Delta R.T. -0.004 min
Lab File: BM031679.D
Acq: 12 Aug 2021 16:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	6.6	10.0#
100	8.1	5.4	8.0#

Instrument :
BNA_M
ClientSampled :
C00D6

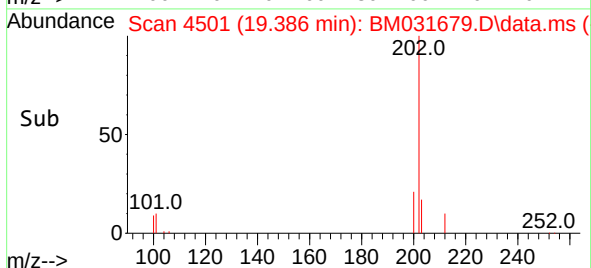
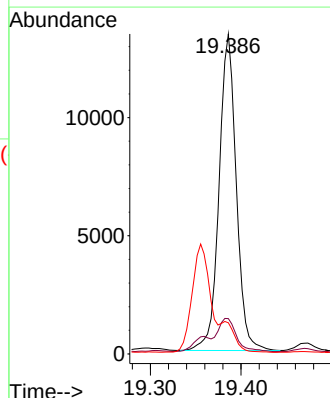
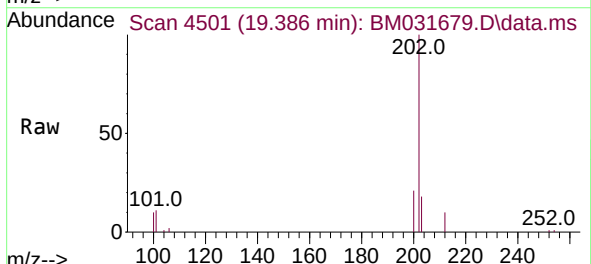
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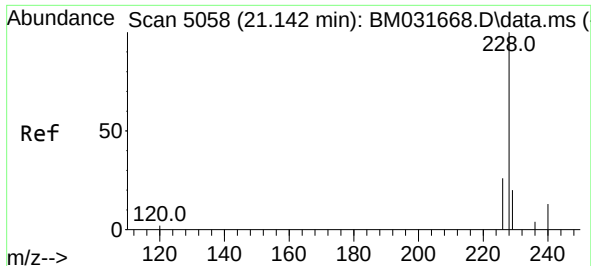
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#20
Pyrene
Concen: 1.114 ng/ul
RT: 19.386 min Scan# 4501
Delta R.T. -0.004 min
Lab File: BM031679.D
Acq: 12 Aug 2021 16:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.1	7.8	11.6
100	9.7	6.6	10.0





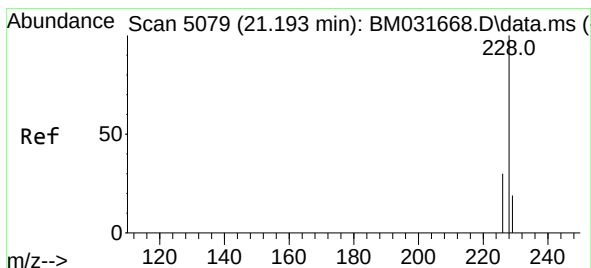
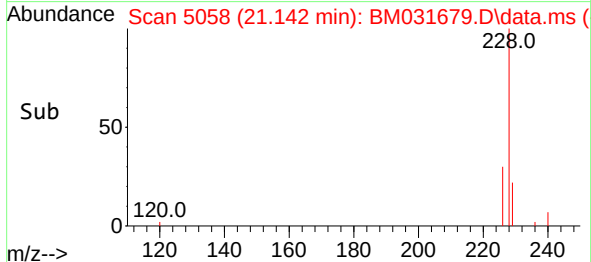
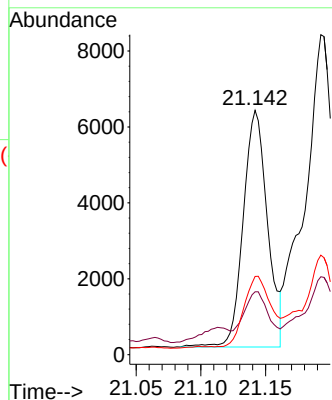
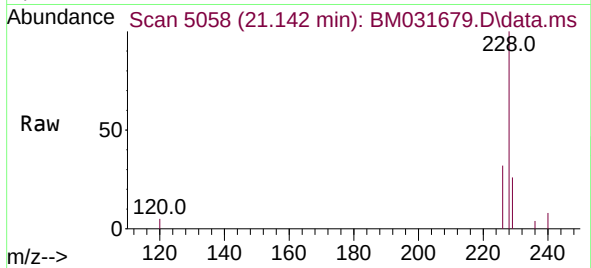
#21
Benzo(a)anthracene
Concen: 0.548 ng/ul
RT: 21.142 min Scan# 5058
Delta R.T. -0.000 min
Lab File: BM031679.D
Acq: 12 Aug 2021 16:16

Tgt Ion:228 Resp: 8133
Ion Ratio Lower Upper
228 100
229 25.7 15.6 23.4#
226 32.0 21.7 32.5

Instrument :
BNA_M
ClientSampled :
C00D6

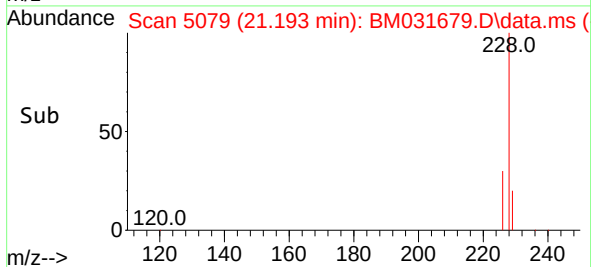
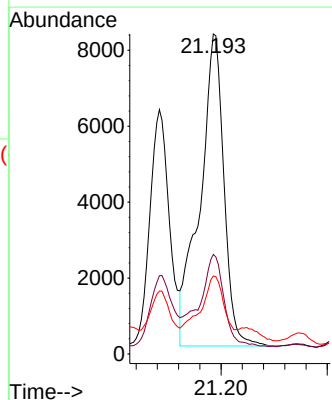
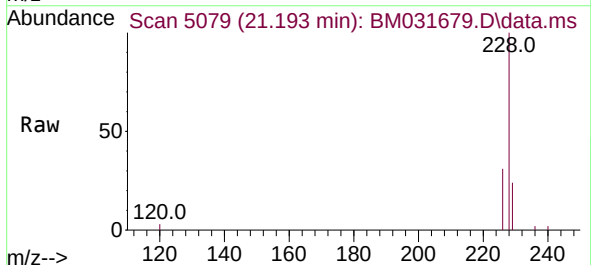
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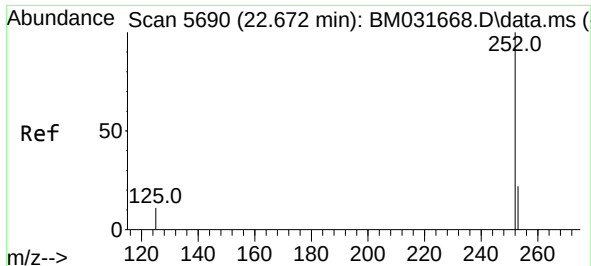
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#22
Chrysene
Concen: 0.843 ng/ul
RT: 21.193 min Scan# 5079
Delta R.T. -0.000 min
Lab File: BM031679.D
Acq: 12 Aug 2021 16:16

Tgt Ion:228 Resp: 12931
Ion Ratio Lower Upper
228 100
226 31.1 24.7 37.1
229 24.4 16.2 24.2#





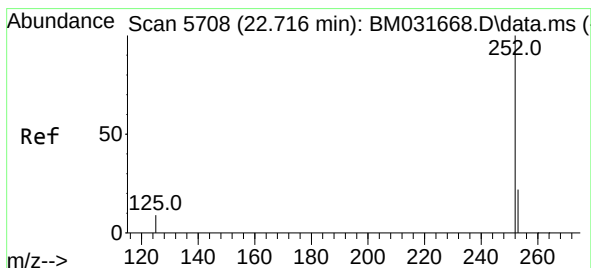
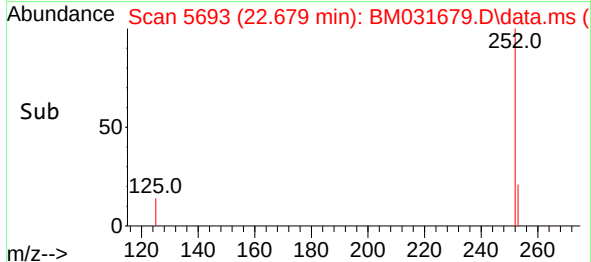
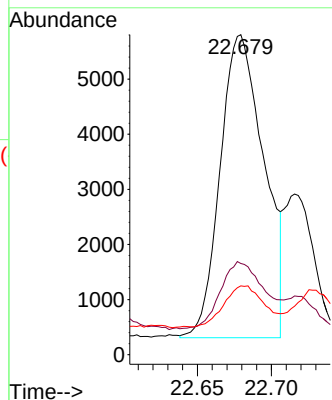
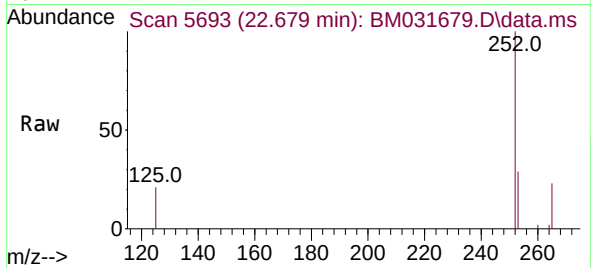
#24
Benzo(b)fluoranthene
Concen: 0.691 ng/ul m
RT: 22.679 min Scan# 5693
Delta R.T. 0.007 min
Lab File: BM031679.D
Acq: 12 Aug 2021 16:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.5	0.0	53.0
125	21.5	0.0	22.8

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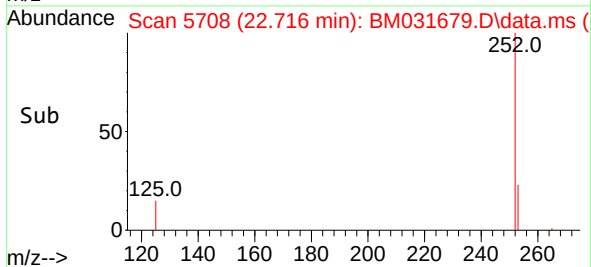
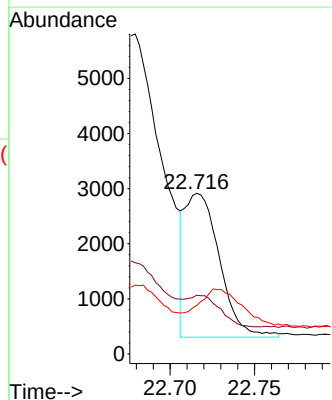
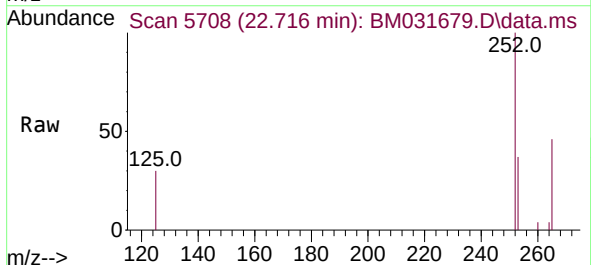
Manual Integrations
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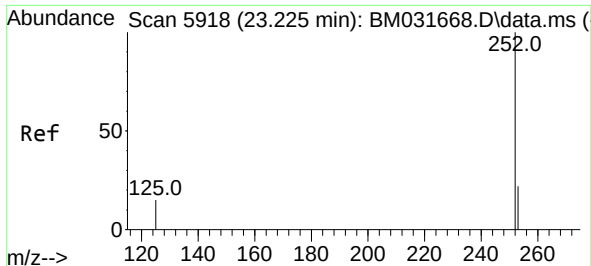
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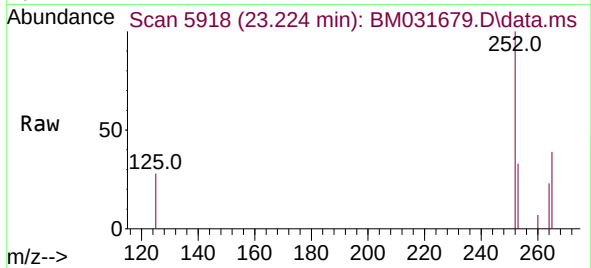
#25
Benzo(k)fluoranthene
Concen: 0.220 ng/ul m
RT: 22.716 min Scan# 5708
Delta R.T. -0.000 min
Lab File: BM031679.D
Acq: 12 Aug 2021 16:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	36.5	21.3	31.9#
125	30.2	8.8	13.2#

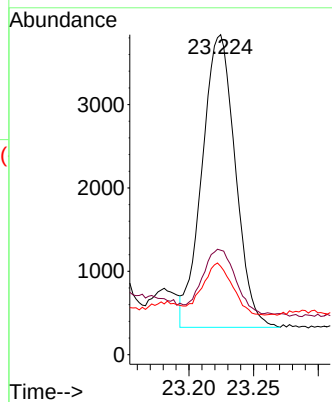
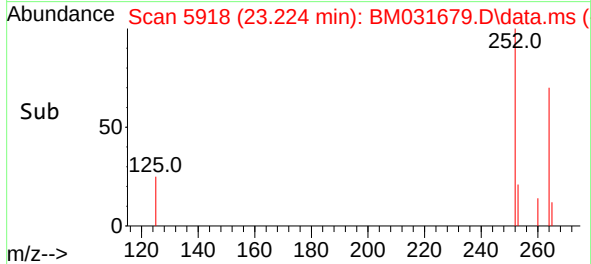




#26
Benzo(a)pyrene
Concen: 0.438 ng/ul
RT: 23.224 min Scan# 5918
Delta R.T. -0.000 min
Lab File: BM031679.D
Acq: 12 Aug 2021 16:16



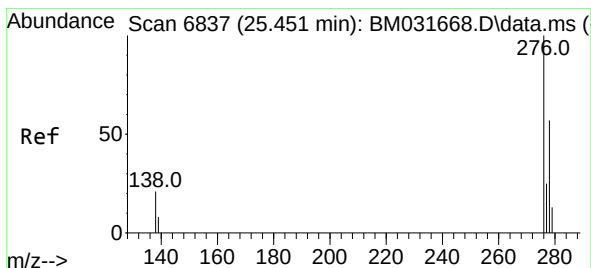
Tgt Ion:252 Resp: 6281
Ion Ratio Lower Upper
252 100
253 32.6 22.4 33.6
125 27.6 13.0 19.4#



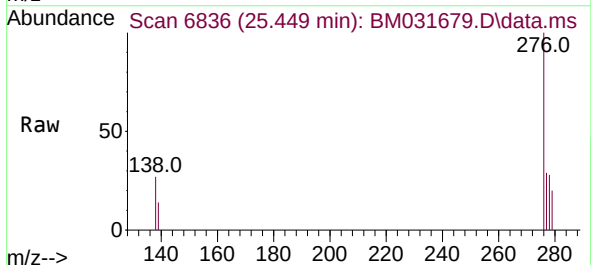
Instrument :
BNA_M
ClientSampleId :
C00D6

Manual Integrations
APPROVED

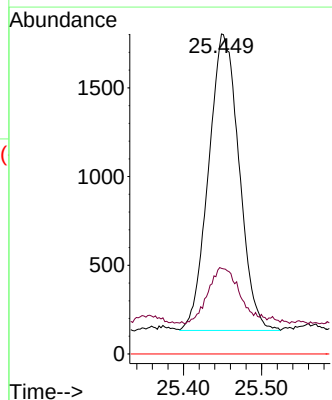
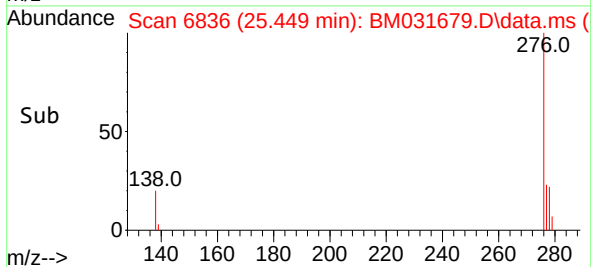
mohammad
8/13/2021 5:14:06 PM

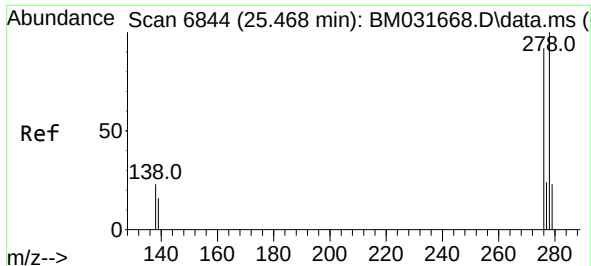


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.245 ng/ul
RT: 25.449 min Scan# 6836
Delta R.T. -0.003 min
Lab File: BM031679.D
Acq: 12 Aug 2021 16:16



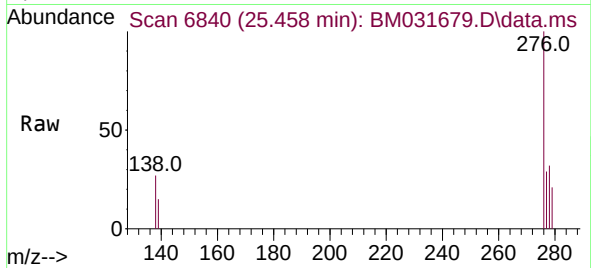
Tgt Ion:276 Resp: 4537
Ion Ratio Lower Upper
276 100
138 20.9 15.8 23.8
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.093 ng/ul
RT: 25.458 min Scan# 6840
Delta R.T. -0.010 min
Lab File: BM031679.D
Acq: 12 Aug 2021 16:16

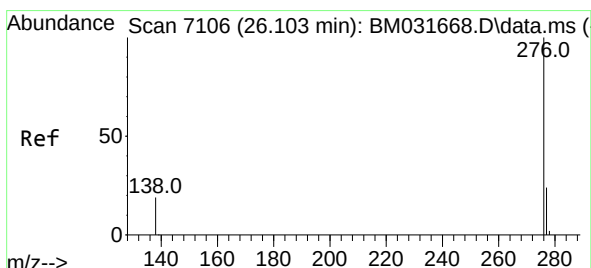
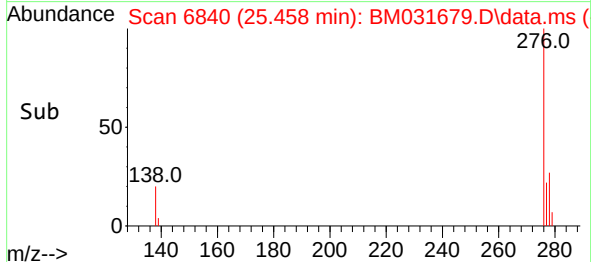
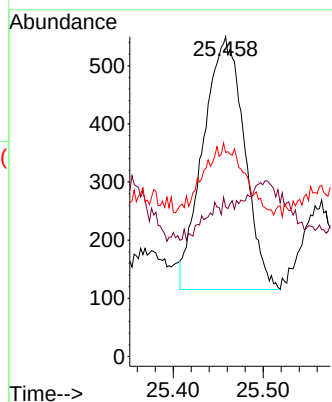
Instrument :
BNA_M
ClientSampleId :
C00D6



Tgt Ion:278 Resp: 1384
Ion Ratio Lower Upper
278 100
139 46.7 13.3 19.9#
279 63.8 22.8 34.2#

Manual Integrations
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mohammad
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#29
Benzo(g,h,i)perylene
Concen: 0.063 ng/ul
RT: 26.103 min Scan# 7106
Delta R.T. -0.000 min
Lab File: BM031679.D
Acq: 12 Aug 2021 16:16

Tgt Ion:276 Resp: 989
Ion Ratio Lower Upper
276 100
138 47.7 15.4 23.2#
277 47.0 19.9 29.9#

