

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
 Data File : BM031673.D
 Acq On : 12 Aug 2021 12:31
 Operator : CG/JU
 Sample : M3182-16
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00D4

Manual Integrations
 APPROVED

mohammad
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Quant Time: Aug 12 13:01:13 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	1203	0.400	ng/ul	0.00
4) Naphthalene-d8	10.329	136	4472	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.205	164	2690	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.954	188	4799	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.157	240	3866	0.400	ng/ul	# 0.00
23) Perylene-d12	23.314	264	3731	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.182	96	3049	2.282	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.926	152	1344	0.178	ng/ul	0.00
18) Fluoranthene-d10	18.990	212	2682	0.208	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.379	128	26938	2.022	ng/ul	97
7) 2-Methylnaphthalene	12.002	142	17115	1.881	ng/ul	100
8) 1-Methylnaphthalene	12.223	142	8465	0.941	ng/ul	100
10) Acenaphthylene	13.927	152	8819	0.770	ng/ul	100
11) Acenaphthene	14.269	153	1099m	0.114	ng/ul	
12) Fluorene	15.263	166	1462	0.132	ng/ul#	87
14) Pentachlorophenol	16.617	266	82	0.053	ng/ul	98
15) Phenanthrene	16.996	178	72962	4.788	ng/ul	98
16) Anthracene	17.089	178	10706	0.750	ng/ul	100
19) Fluoranthene	19.020	202	130675	7.916	ng/ul	97
20) Pyrene	19.386	202	109078	6.515	ng/ul	98
21) Benzo(a)anthracene	21.140	228	53843	3.449	ng/ul	96
22) Chrysene	21.193	228	64847	4.015	ng/ul	98
24) Benzo(b)fluoranthene	22.675	252	87664m	5.215	ng/ul	
25) Benzo(k)fluoranthene	22.713	252	30039m	1.730	ng/ul	
26) Benzo(a)pyrene	23.220	252	51721	3.513	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.446	276	42250	2.220	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.451	278	10187	0.664	ng/ul#	92
29) Benzo(g,h,i)perylene	26.096	276	12521	0.771	ng/ul	95

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

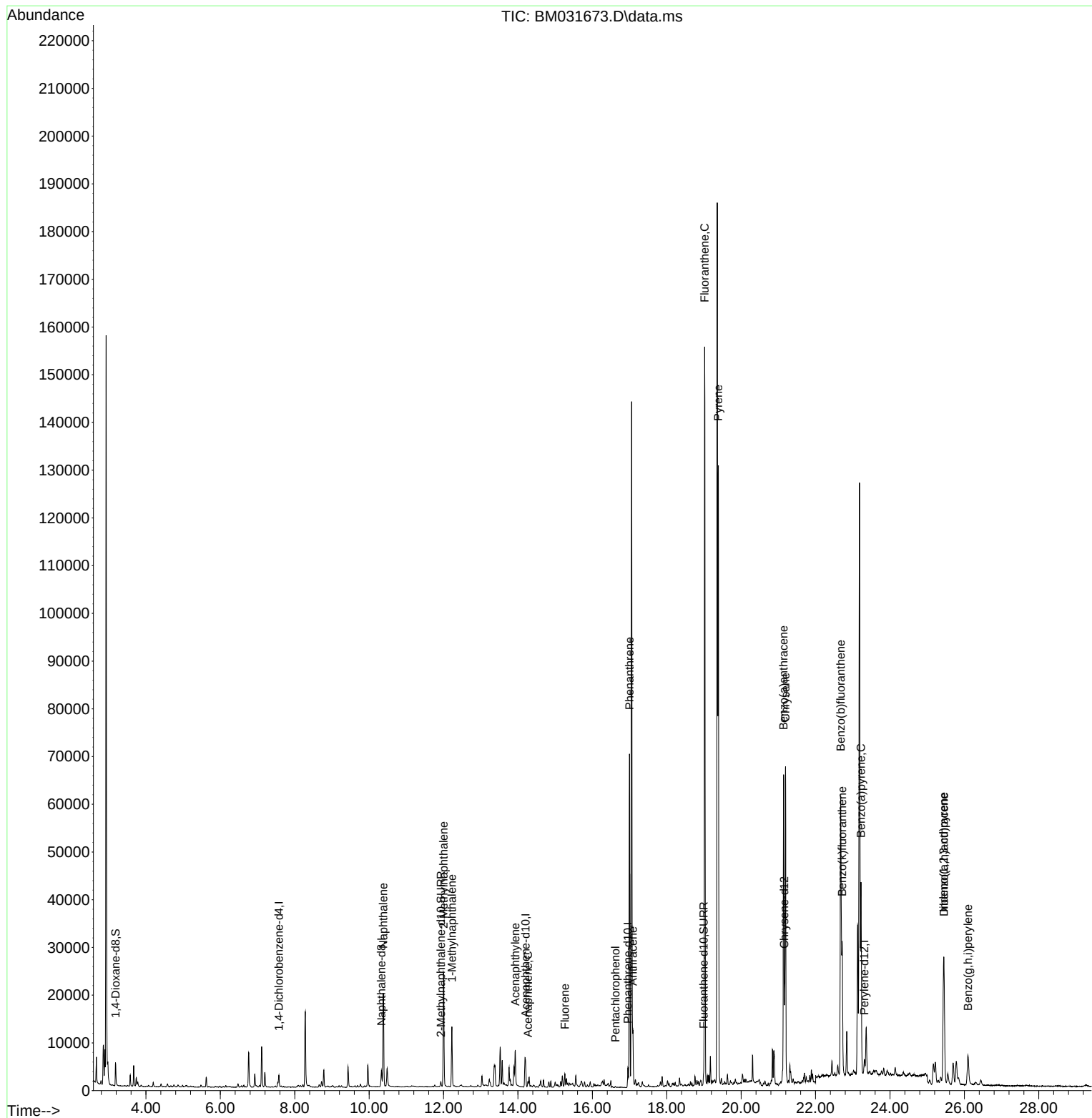
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
Data File : BM031673.D
Acq On : 12 Aug 2021 12:31
Operator : CG/JU
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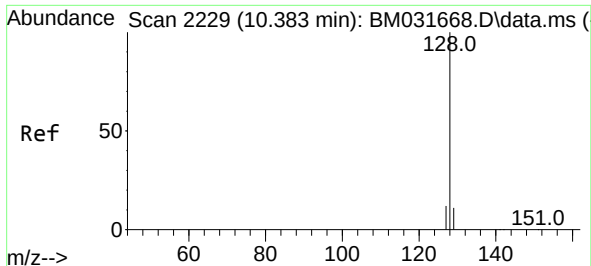
Instrument :
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Manual Integrations
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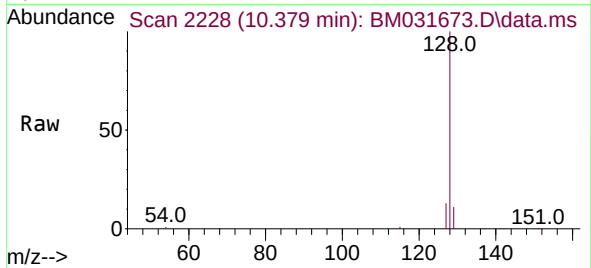
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Quant Time: Aug 12 13:01:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 11:28:10 2021
Response via : Initial Calibration

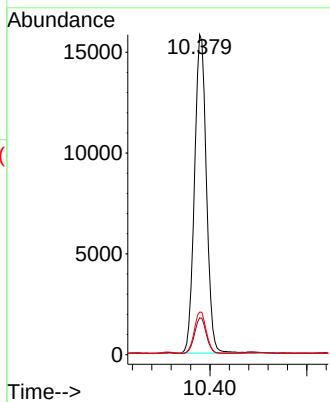
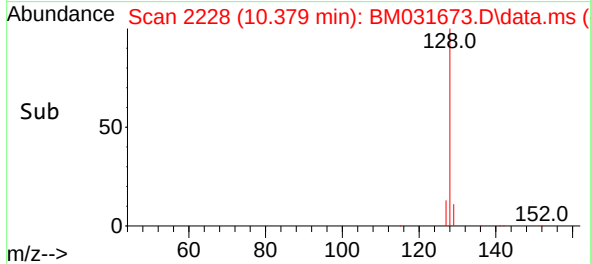




#5
Naphthalene
Concen: 2.022 ng/ul
RT: 10.379 min Scan# 2228
Delta R.T. -0.004 min
Lab File: BM031673.D
Acq: 12 Aug 2021 12:31



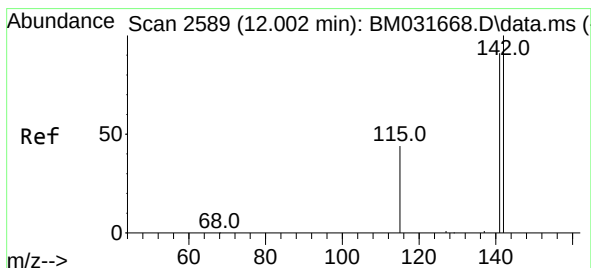
Tgt Ion:128 Resp: 26938
Ion Ratio Lower Upper
128 100
129 11.5 10.0 15.0
127 13.3 11.6 17.4



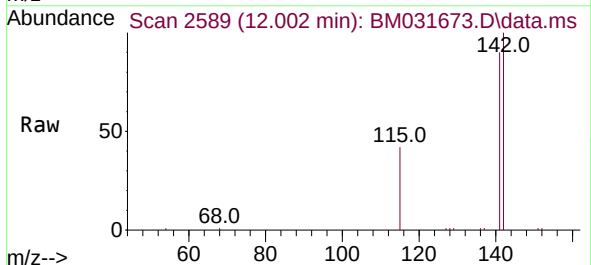
Instrument :
BNA_M
ClientSampleId :
C00D4

Manual Integrations
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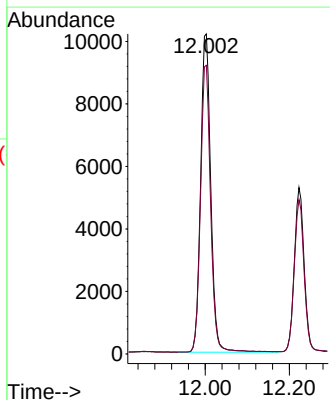
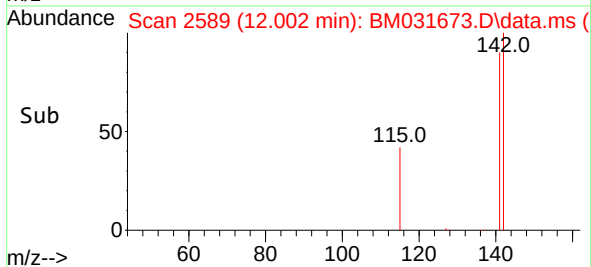
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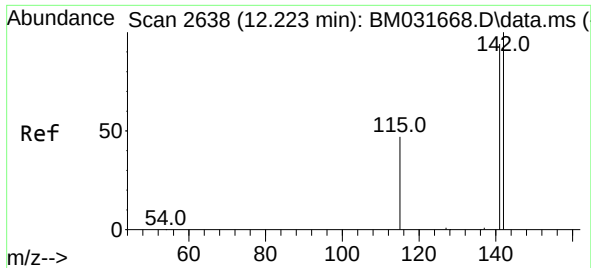


#7
2-Methylnaphthalene
Concen: 1.881 ng/ul
RT: 12.002 min Scan# 2589
Delta R.T. 0.000 min
Lab File: BM031673.D
Acq: 12 Aug 2021 12:31



Tgt Ion:142 Resp: 17115
Ion Ratio Lower Upper
142 100
141 89.4 71.4 107.0





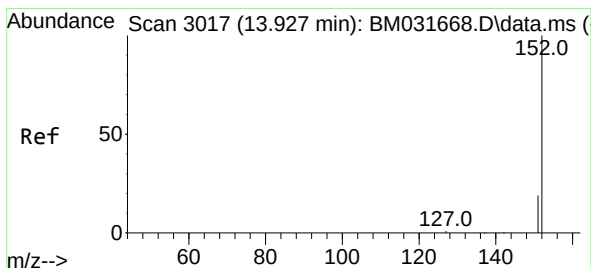
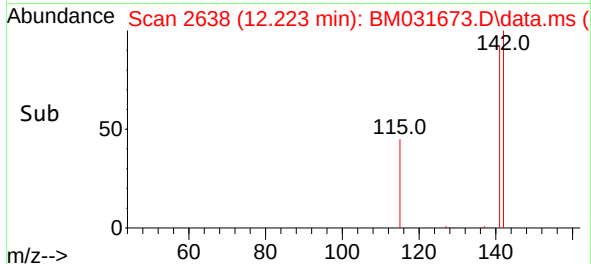
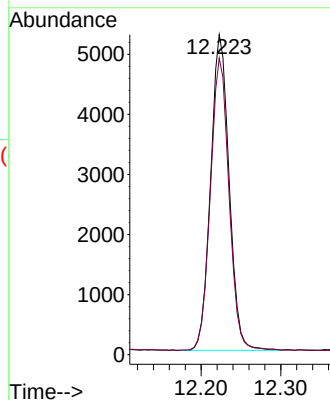
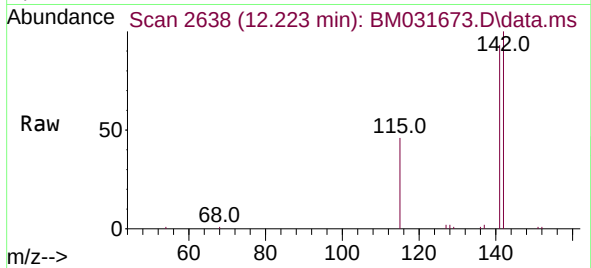
#8
1-Methylnaphthalene
Concen: 0.941 ng/ul
RT: 12.223 min Scan# 2638
Delta R.T. 0.000 min
Lab File: BM031673.D
Acq: 12 Aug 2021 12:31

Tgt Ion:142 Resp: 8465
Ion Ratio Lower Upper
142 100
141 92.7 74.1 111.1

Instrument :
BNA_M
ClientSampled :
C00D4

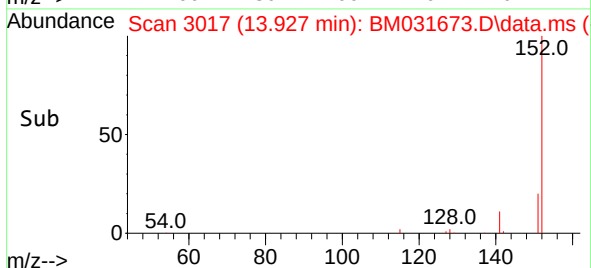
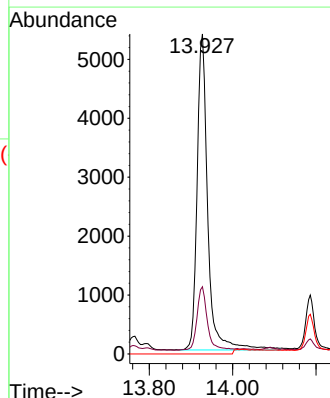
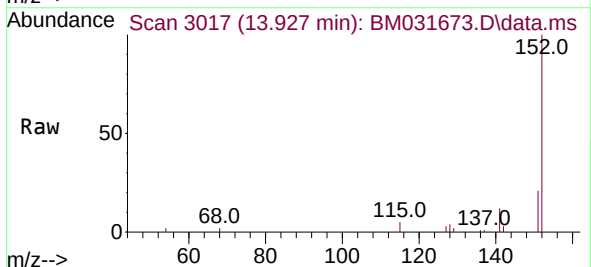
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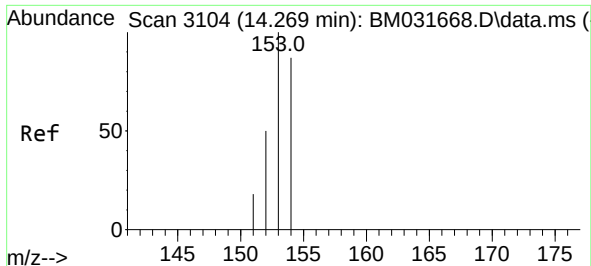
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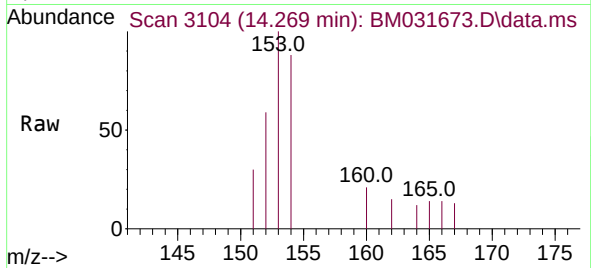
#10
Acenaphthylene
Concen: 0.770 ng/ul
RT: 13.927 min Scan# 3017
Delta R.T. 0.000 min
Lab File: BM031673.D
Acq: 12 Aug 2021 12:31

Tgt Ion:152 Resp: 8819
Ion Ratio Lower Upper
152 100
151 21.0 16.9 25.3
153 0.0 0.0 0.0

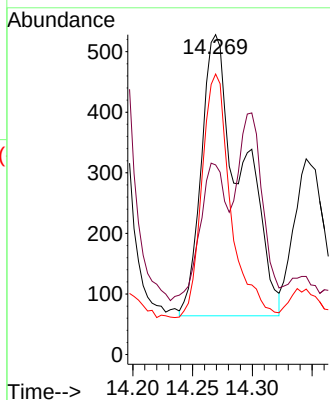
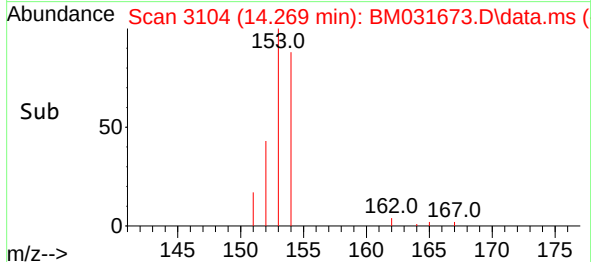




#11
Acenaphthene
Concen: 0.114 ng/ul m
RT: 14.269 min Scan# 3104
Delta R.T. 0.000 min
Lab File: BM031673.D
Acq: 12 Aug 2021 12:31



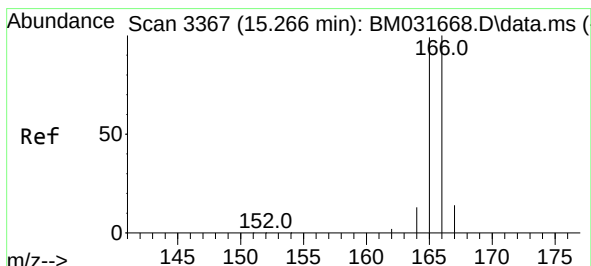
Tgt Ion:153 Resp: 1099
Ion Ratio Lower Upper
153 100
152 59.3 40.7 61.1
154 87.7 70.2 105.2



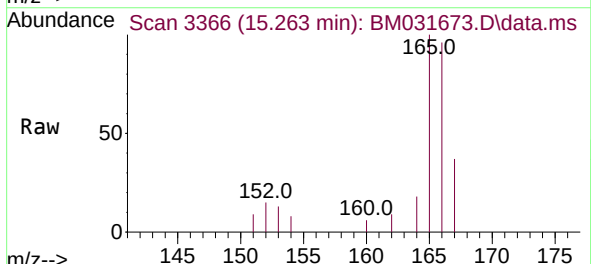
Instrument :
BNA_M
ClientSampleId :
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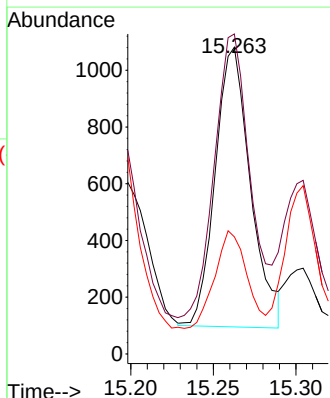
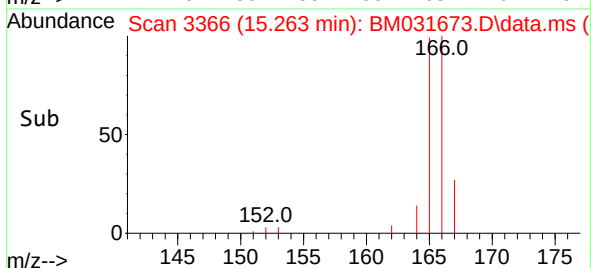
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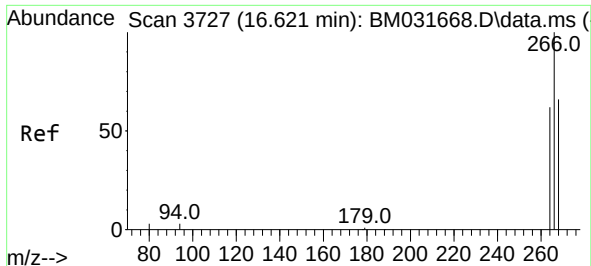


#12
Fluorene
Concen: 0.132 ng/ul
RT: 15.263 min Scan# 3366
Delta R.T. -0.004 min
Lab File: BM031673.D
Acq: 12 Aug 2021 12:31



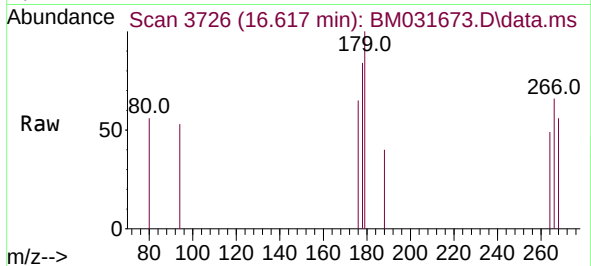
Tgt Ion:166 Resp: 1462
Ion Ratio Lower Upper
166 100
165 104.3 78.0 117.0
167 38.2 12.0 18.0#





#14
 Pentachlorophenol
 Concen: 0.053 ng/ul
 RT: 16.617 min Scan# 3726
 Delta R.T. -0.003 min
 Lab File: BM031673.D
 Acq: 12 Aug 2021 12:31

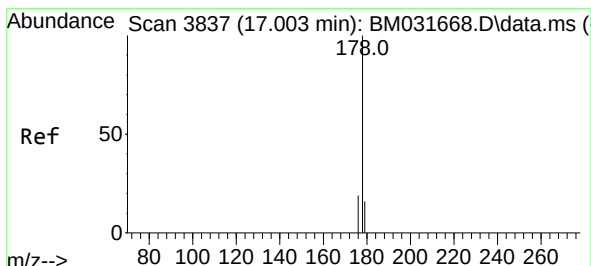
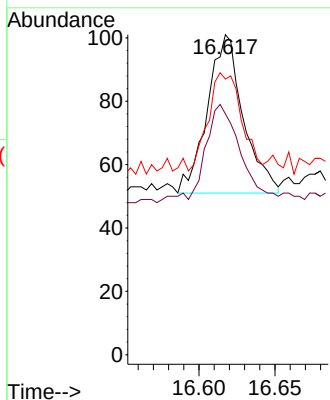
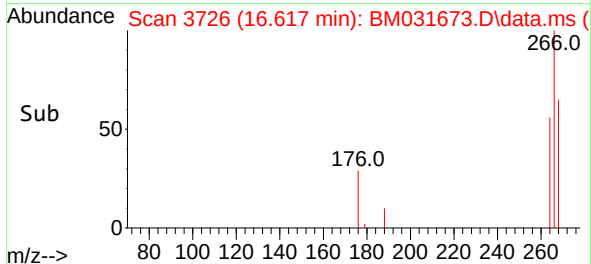
Instrument :
 BNA_M
 ClientSampled :
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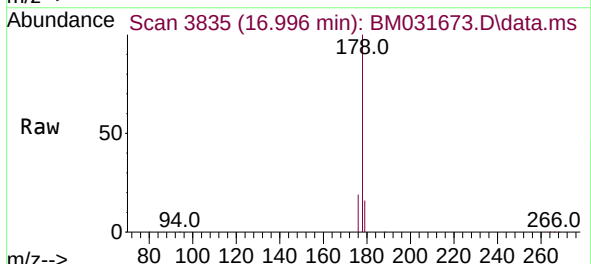
Tgt Ion:	266	Resp:	82
Ion Ratio	Lower	Upper	
266	100		
264	64.6	50.1	75.1
268	64.6	51.3	76.9

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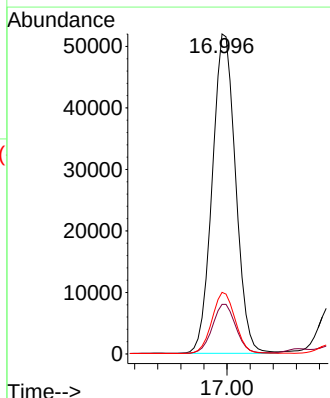
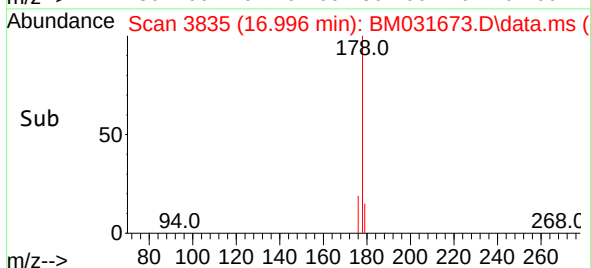
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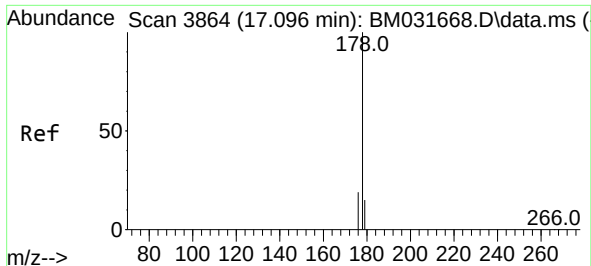


#15
 Phenanthrene
 Concen: 4.788 ng/ul
 RT: 16.996 min Scan# 3835
 Delta R.T. -0.007 min
 Lab File: BM031673.D
 Acq: 12 Aug 2021 12:31



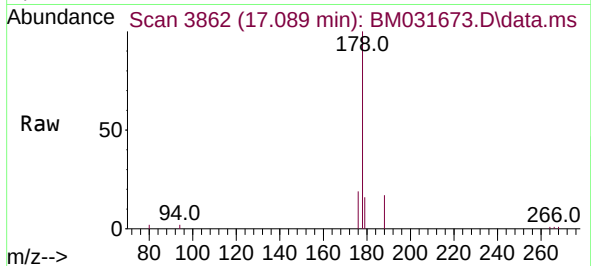
Tgt Ion:	178	Resp:	72962
Ion Ratio	Lower	Upper	
178	100		
179	15.5	13.3	19.9
176	19.3	16.2	24.4





#16
 Anthracene
 Concen: 0.750 ng/ul
 RT: 17.089 min Scan# 3862
 Delta R.T. -0.007 min
 Lab File: BM031673.D
 Acq: 12 Aug 2021 12:31

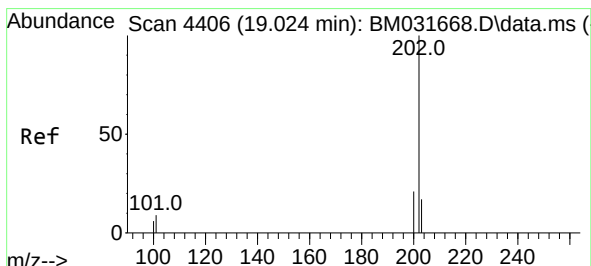
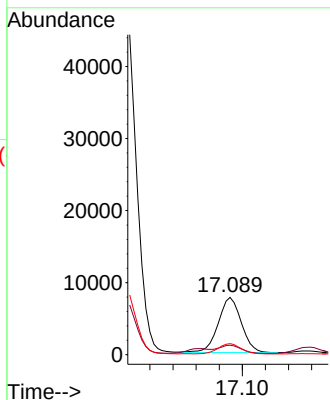
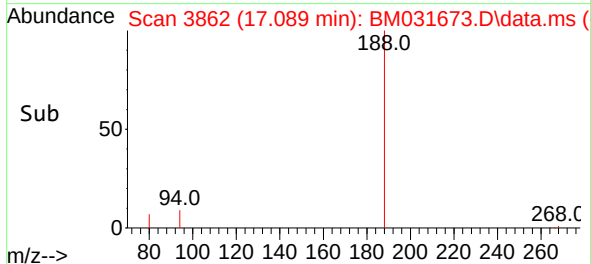
Instrument :
 BNA_M
 ClientSampled :
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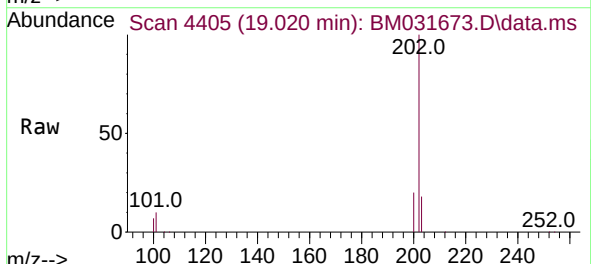
Tgt Ion:178 Resp: 10706
 Ion Ratio Lower Upper
 178 100
 179 16.5 13.0 19.6
 176 19.3 15.6 23.4

Manual Integrations
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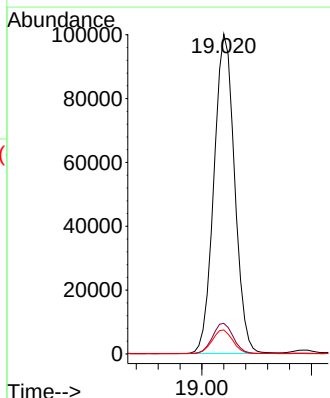
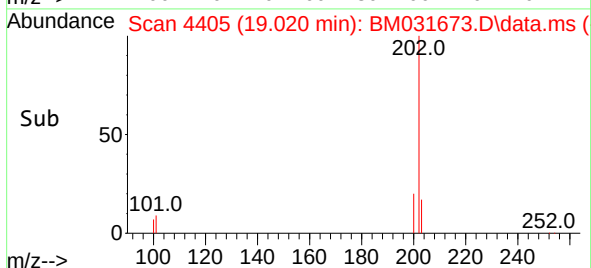
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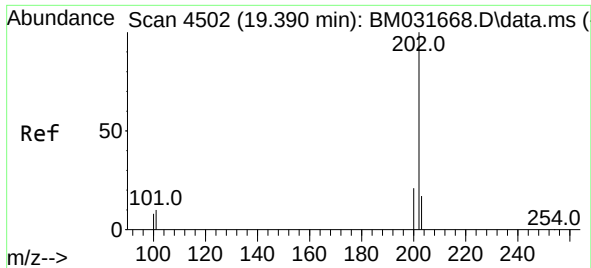


#19
 Fluoranthene
 Concen: 7.916 ng/ul
 RT: 19.020 min Scan# 4405
 Delta R.T. -0.004 min
 Lab File: BM031673.D
 Acq: 12 Aug 2021 12:31



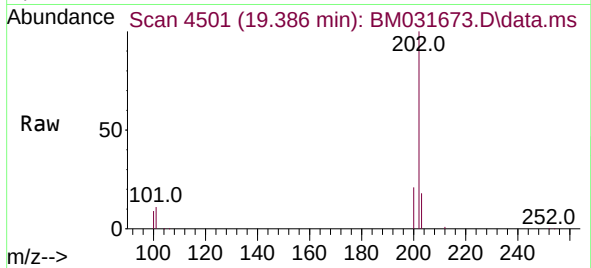
Tgt Ion:202 Resp: 130675
 Ion Ratio Lower Upper
 202 100
 101 9.5 6.6 10.0
 100 7.5 5.4 8.0





#20
Pyrene
Concen: 6.515 ng/ul
RT: 19.386 min Scan# 4501
Delta R.T. -0.004 min
Lab File: BM031673.D
Acq: 12 Aug 2021 12:31

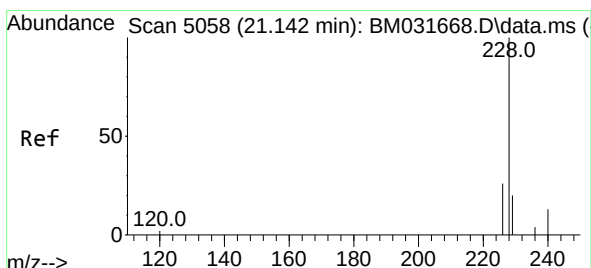
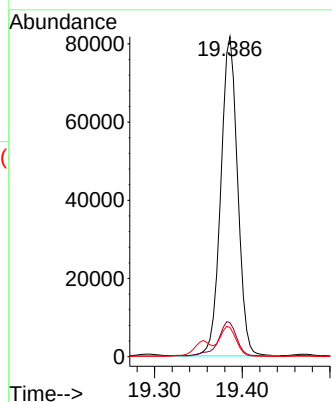
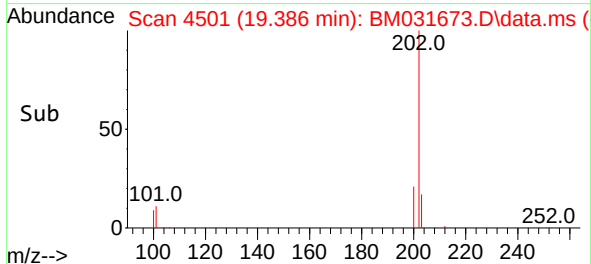
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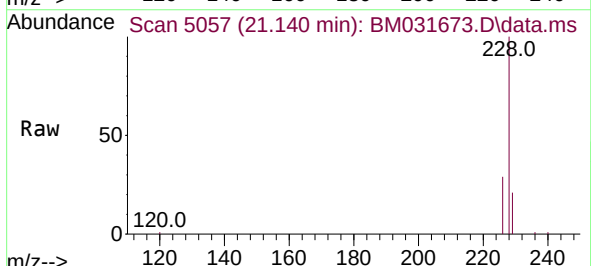
Tgt Ion:202 Resp: 109078
Ion Ratio Lower Upper
202 100
101 10.7 7.8 11.6
100 9.1 6.6 10.0

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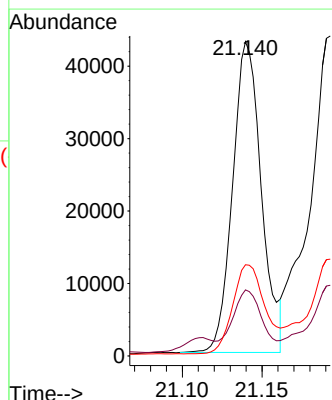
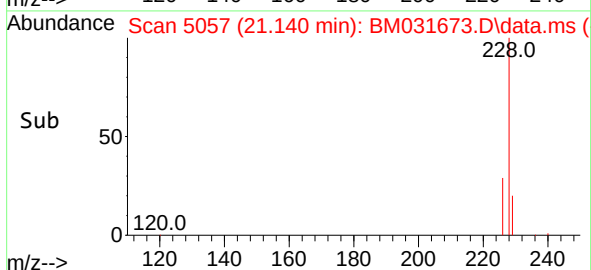
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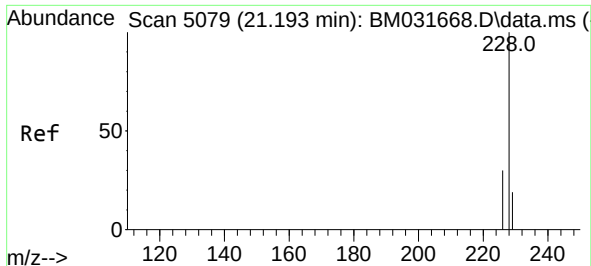


#21
Benzo(a)anthracene
Concen: 3.449 ng/ul
RT: 21.140 min Scan# 5057
Delta R.T. -0.002 min
Lab File: BM031673.D
Acq: 12 Aug 2021 12:31

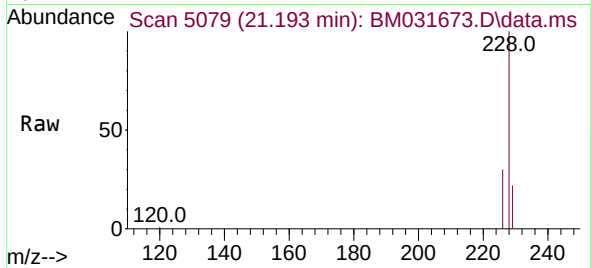


Tgt Ion:228 Resp: 53843
Ion Ratio Lower Upper
228 100
229 21.0 15.6 23.4
226 29.0 21.7 32.5

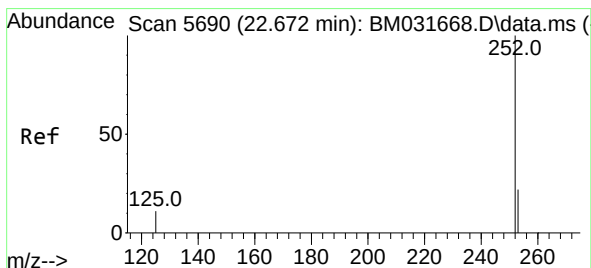
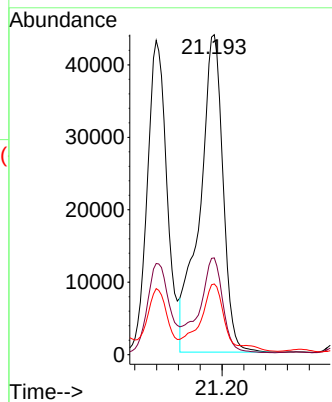
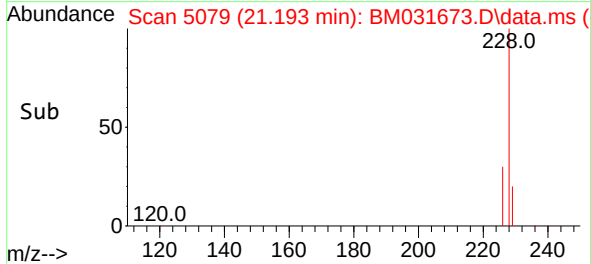




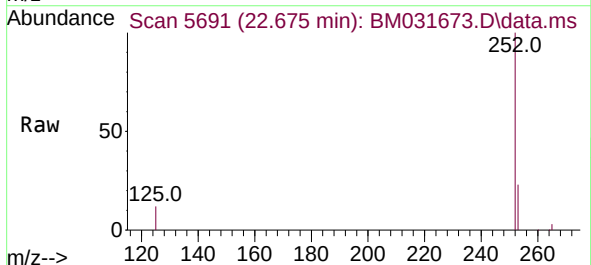
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Chrysene
Concen: 4.015 ng/ul
RT: 21.193 min Scan# 5079
Delta R.T. 0.000 min
Lab File: BM031673.D
Acq: 12 Aug 2021 12:31



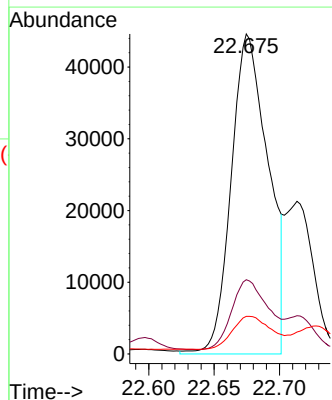
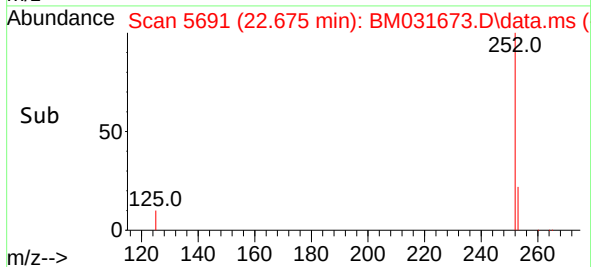
Tgt Ion:228 Resp: 64847
Ion Ratio Lower Upper
228 100
226 30.3 24.7 37.1
229 22.1 16.2 24.2



#24
Benzo(b)fluoranthene
Concen: 5.215 ng/ul m
RT: 22.675 min Scan# 5691
Delta R.T. 0.002 min
Lab File: BM031673.D
Acq: 12 Aug 2021 12:31



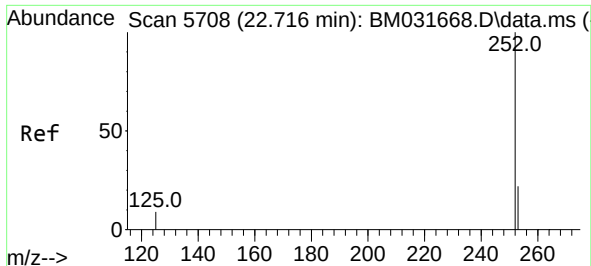
Tgt Ion:252 Resp: 87664
Ion Ratio Lower Upper
252 100
253 23.2 0.0 53.0
125 11.8 0.0 22.8



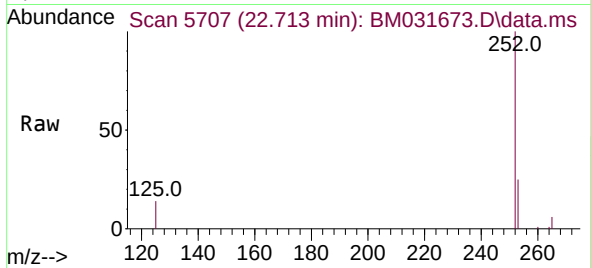
Instrument :
BNA_M
ClientSampleId :
C00D4

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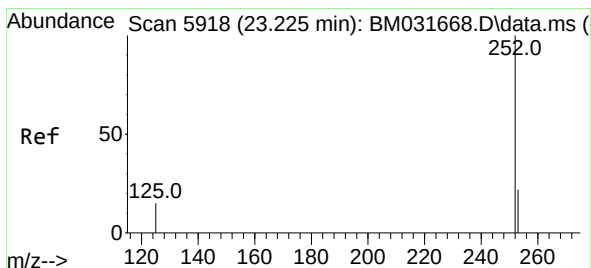
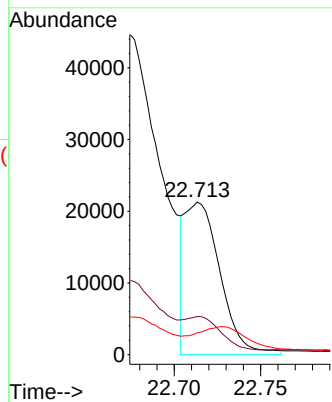
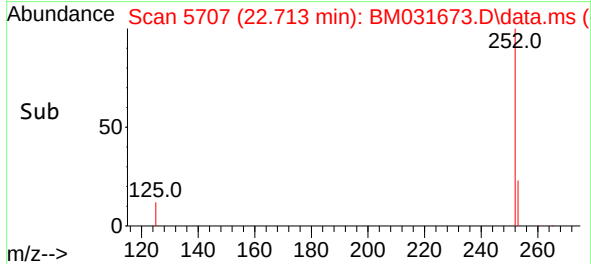
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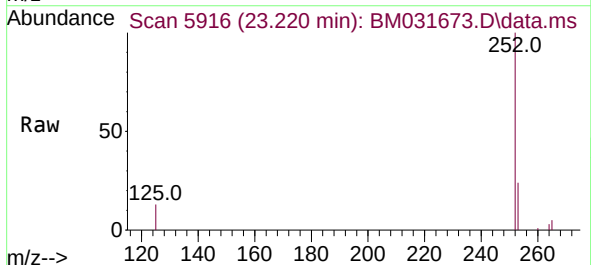
#25
Benzo(k)fluoranthene
Concen: 1.730 ng/ul m
RT: 22.713 min Scan# 5707
Delta R.T. -0.002 min
Lab File: BM031673.D
Acq: 12 Aug 2021 12:31



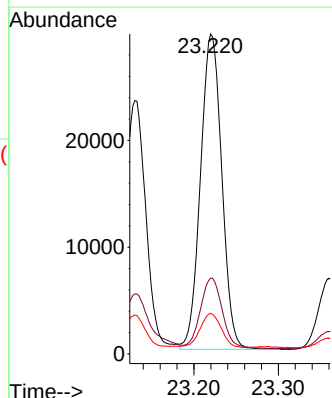
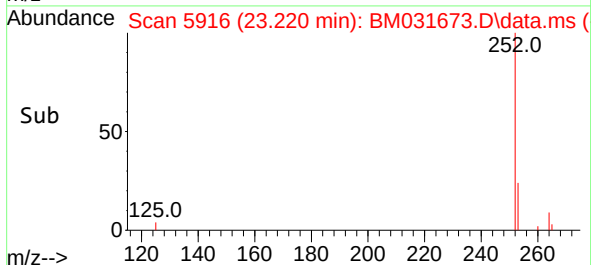
Tgt Ion:252 Resp: 30039
Ion Ratio Lower Upper
252 100
253 25.0 21.3 31.9
125 14.4 8.8 13.2#



#26
Benzo(a)pyrene
Concen: 3.513 ng/ul
RT: 23.220 min Scan# 5916
Delta R.T. -0.005 min
Lab File: BM031673.D
Acq: 12 Aug 2021 12:31



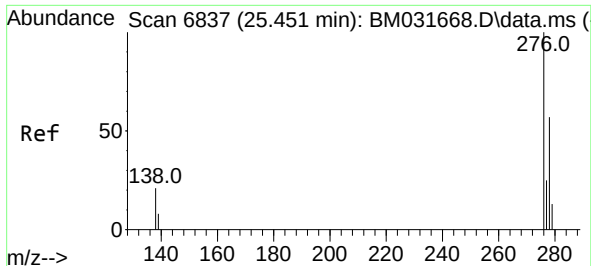
Tgt Ion:252 Resp: 51721
Ion Ratio Lower Upper
252 100
253 23.7 22.4 33.6
125 12.7 13.0 19.4#



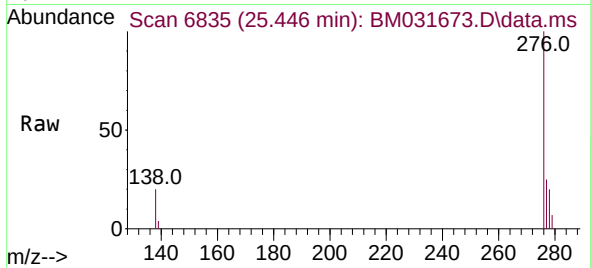
Instrument :
BNA_M
ClientSampled :
C00D4

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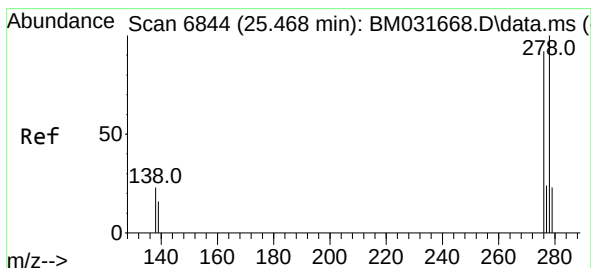
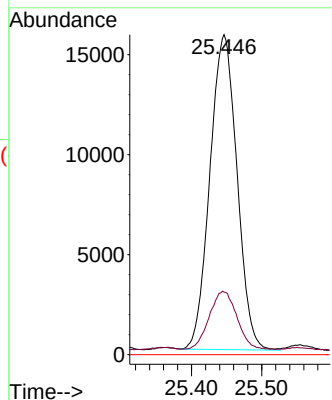
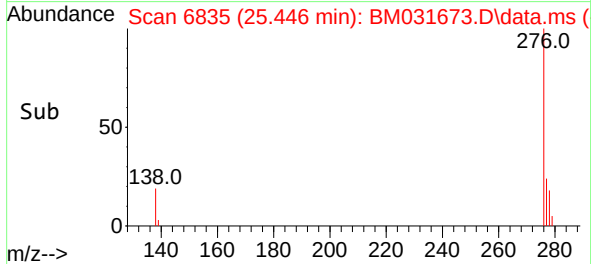
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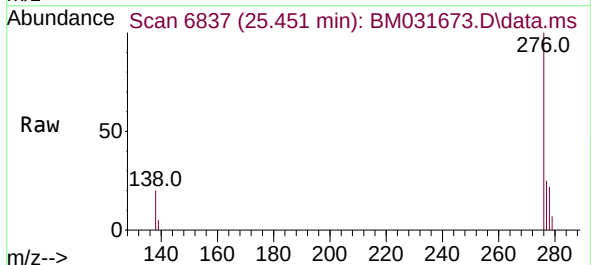
#27
Indeno(1,2,3-cd)pyrene
Concen: 2.220 ng/ul
RT: 25.446 min Scan# 6835
Delta R.T. -0.005 min
Lab File: BM031673.D
Acq: 12 Aug 2021 12:31



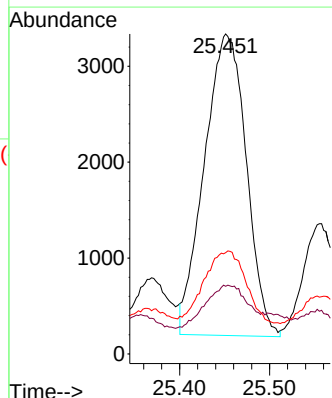
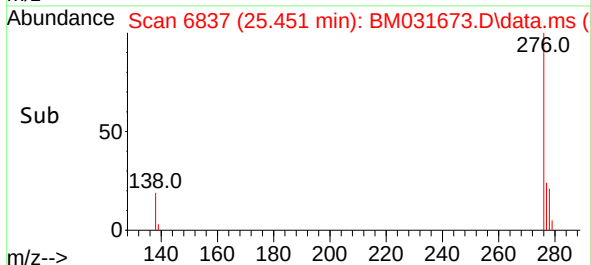
Tgt Ion: 276 Resp: 42250
Ion Ratio Lower Upper
276 100
138 19.2 15.8 23.8
227 0.0 0.0 0.0



#28
Dibenzo(a,h)anthracene
Concen: 0.664 ng/ul
RT: 25.451 min Scan# 6837
Delta R.T. -0.017 min
Lab File: BM031673.D
Acq: 12 Aug 2021 12:31



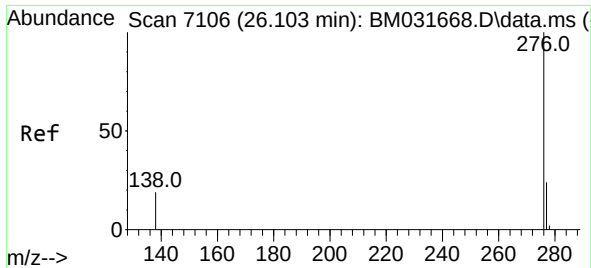
Tgt Ion: 278 Resp: 10187
Ion Ratio Lower Upper
278 100
139 21.2 13.3 19.9#
279 31.6 22.8 34.2



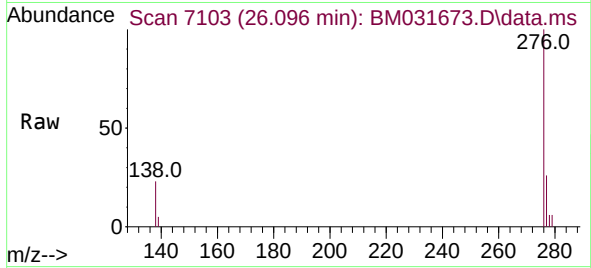
Instrument :
BNA_M
ClientSampled :
C00D4

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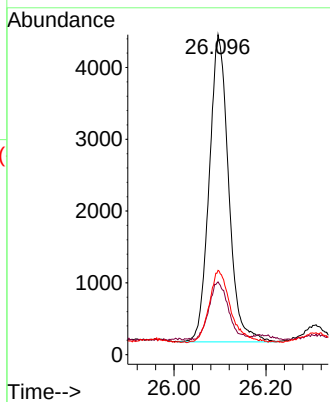
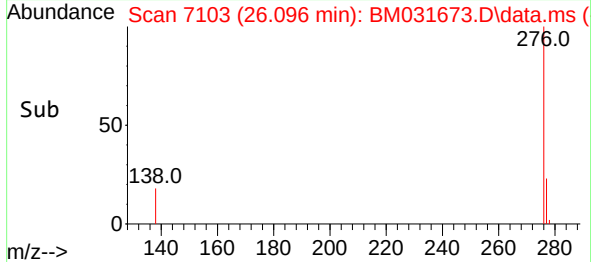
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#29
Benzo(g,h,i)perylene
Concen: 0.771 ng/ul
RT: 26.096 min Scan# 7103
Delta R.T. -0.007 min
Lab File: BM031673.D
Acq: 12 Aug 2021 12:31



Tgt Ion:	276	Resp:	12521
Ion Ratio	Lower	Upper	
276	100		
138	22.7	15.4	23.2
277	26.4	19.9	29.9



Instrument :
BNA_M
ClientSampleId :
C00D4

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