

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080921\
 Data File : BM031598.D
 Acq On : 09 Aug 2021 11:50
 Operator : CG/JU
 Sample : M3244-07MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JCE05MSD

Quant Time: Aug 09 12:28:17 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 : Mon Aug 09 10:16:43 2021
 Response via : Initial Calibration

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

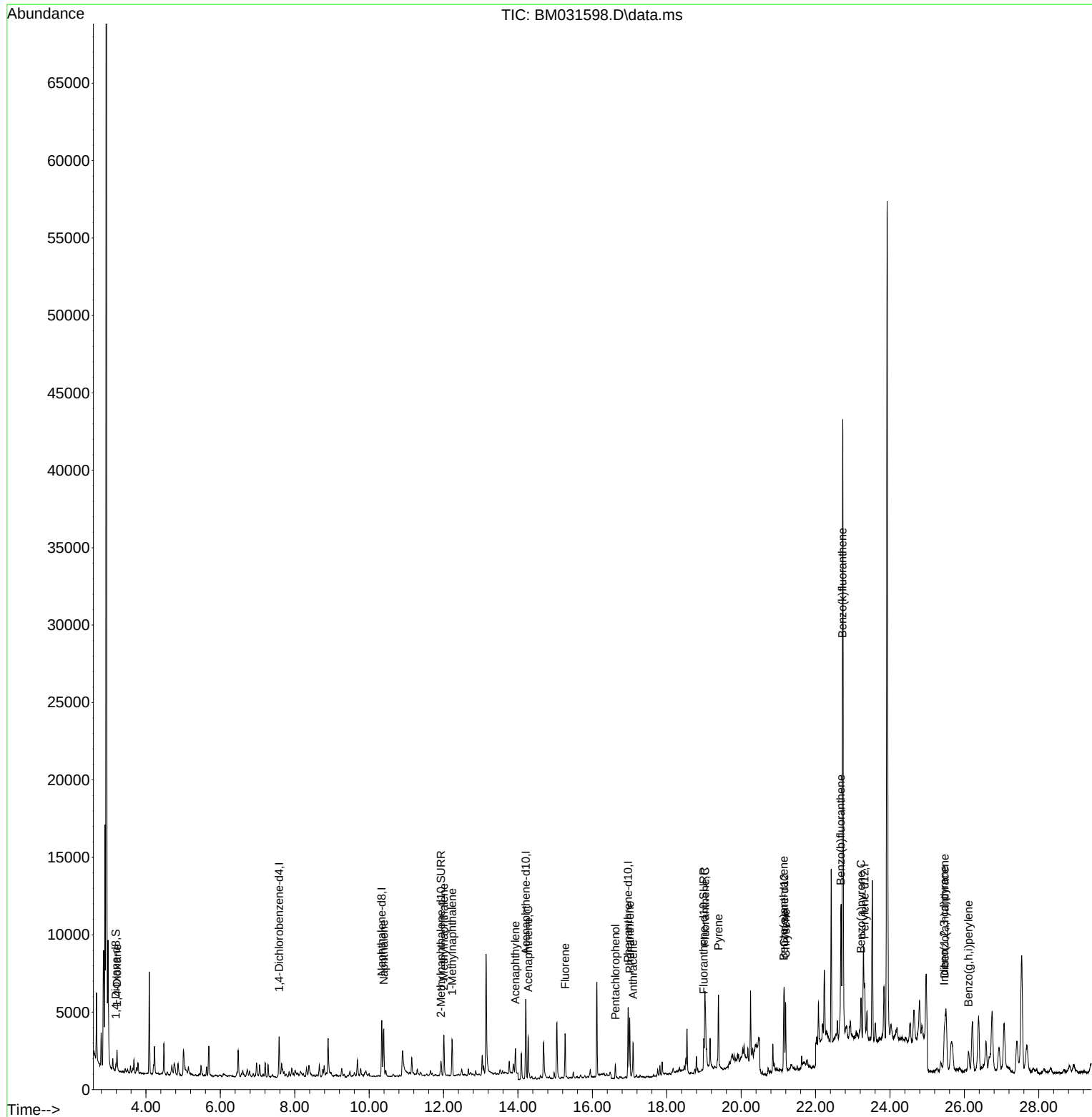
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.580	152	1262	0.400	ng/ul	0.00
4) Naphthalene-d8	10.338	136	4829	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.212	164	2855	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.961	188	5607	0.400	ng/ul #	0.00
17) Chrysene-d12	21.159	240	4440	0.400	ng/ul #	0.00
23) Perylene-d12	23.317	264	4213	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.192	96	304	0.217	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.935	152	1213	0.149	ng/ul	0.00
18) Fluoranthene-d10	18.993	212	2247	0.152	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.224	88	847	0.598	ng/ul#	62
5) Naphthalene	10.392	128	3968	0.276	ng/ul	99
7) 2-Methylnaphthalene	12.007	142	1921	0.195	ng/ul	98
8) 1-Methylnaphthalene	12.232	142	1610	0.166	ng/ul	99
10) Acenaphthylene	13.932	152	2005	0.165	ng/ul	93
11) Acenaphthene	14.273	153	1608	0.157	ng/ul	98
12) Fluorene	15.266	166	1896	0.161	ng/ul#	96
14) Pentachlorophenol	16.617	266	562	0.313	ng/ul	98
15) Phenanthrene	17.002	178	4059	0.228	ng/ul	96
16) Anthracene	17.096	178	2263	0.136	ng/ul#	93
19) Fluoranthene	19.028	202	4081	0.215	ng/ul#	75
20) Pyrene	19.390	202	3978	0.207	ng/ul#	80
21) Benzo(a)anthracene	21.142	228	3026	0.169	ng/ul#	92
22) Chrysene	21.195	228	3906	0.211	ng/ul#	94
24) Benzo(b)fluoranthene	22.677	252	3616	0.190	ng/ul#	1
25) Benzo(k)fluoranthene	22.721	252	3222	0.164	ng/ul#	1
26) Benzo(a)pyrene	23.222	252	2404	0.145	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.458	276	3126	0.145	ng/ul#	57
28) Dibenzo(a,h)anthracene	25.473	278	2434	0.141	ng/ul#	9
29) Benzo(g,h,i)perylene	26.112	276	2677	0.146	ng/ul#	61

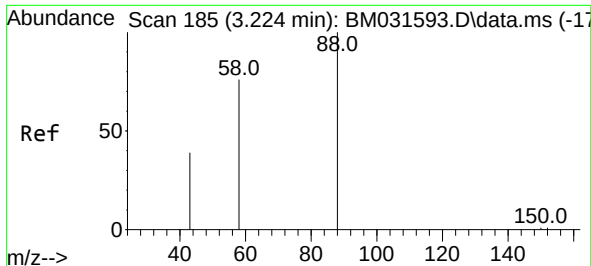
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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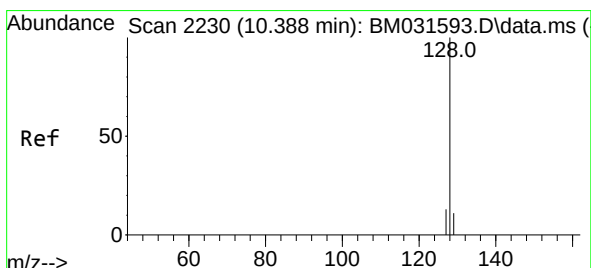
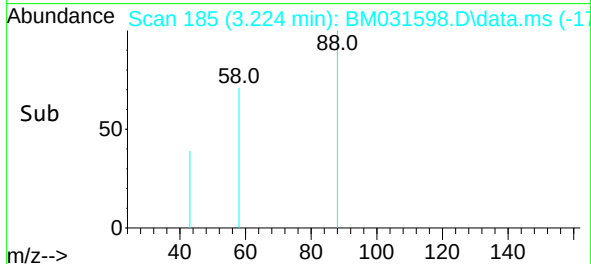
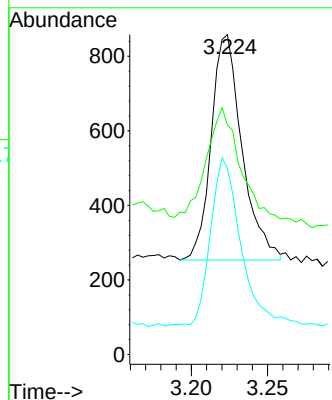
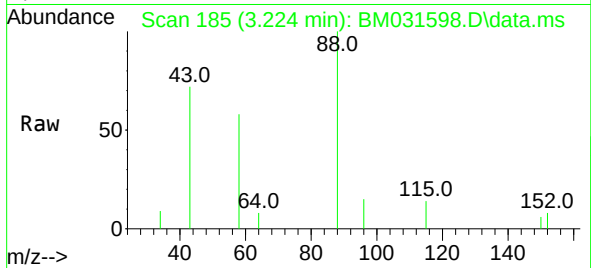




#2
1,4-Dioxane
Concen: 0.598 ng/ul
RT: 3.224 min Scan# 185
Delta R.T. -0.000 min
Lab File: BM031598.D
Acq: 09 Aug 2021 11:50

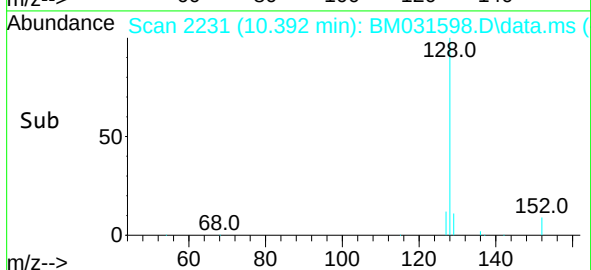
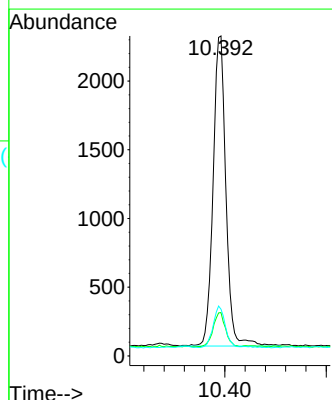
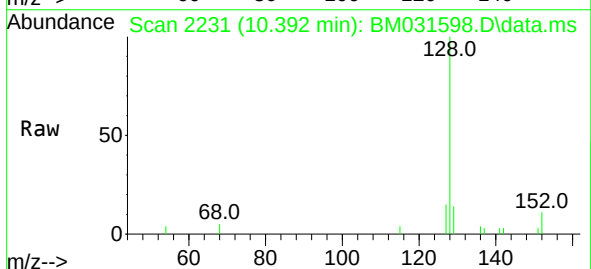
Instrument :
BNA_M
ClientSampleId :
JCE05MSD

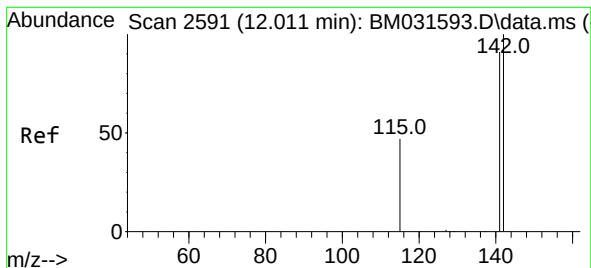
Tgt Ion: 88 Resp: 847
Ion Ratio Lower Upper
88 100
43 71.8 29.7 44.5#
58 58.2 35.6 53.4#



#5
Naphthalene
Concen: 0.276 ng/ul
RT: 10.392 min Scan# 2231
Delta R.T. 0.004 min
Lab File: BM031598.D
Acq: 09 Aug 2021 11:50

Tgt Ion: 128 Resp: 3968
Ion Ratio Lower Upper
128 100
129 13.5 10.0 15.0
127 14.6 11.6 17.4

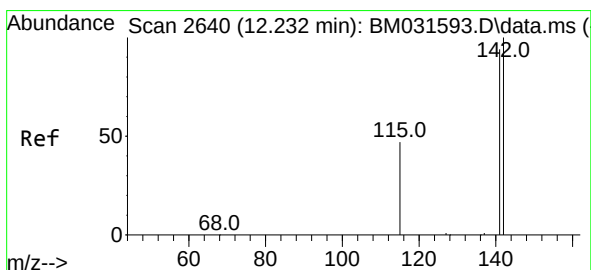
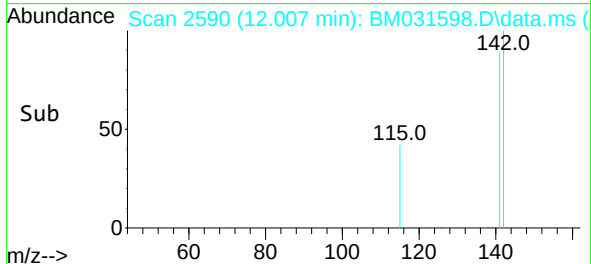
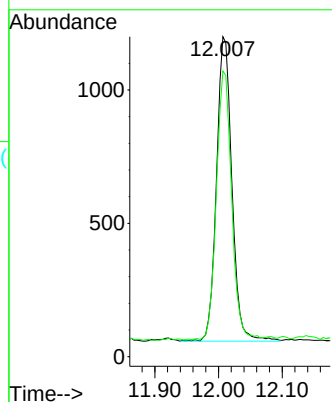
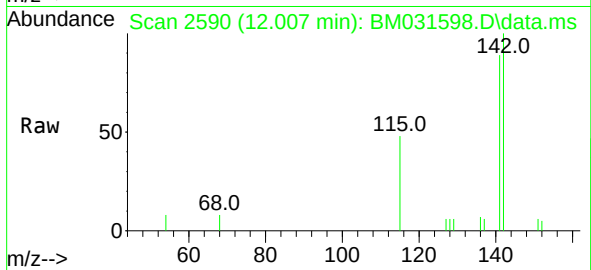




#7
2-Methylnaphthalene
Concen: 0.195 ng/ul
RT: 12.007 min Scan# 2590
Delta R.T. -0.005 min
Lab File: BM031598.D
Acq: 09 Aug 2021 11:50

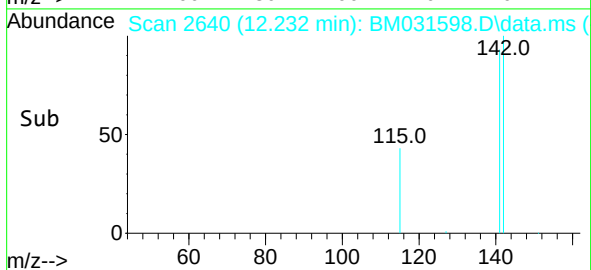
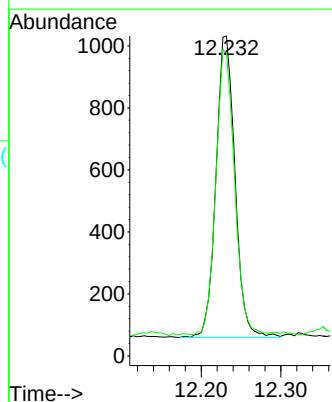
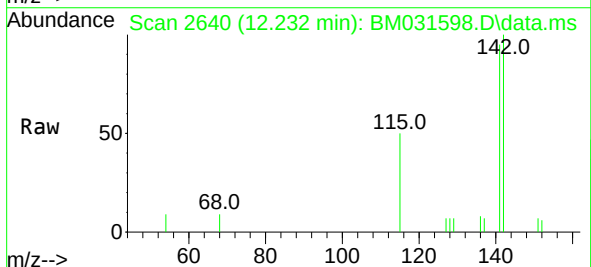
Instrument :
BNA_M
ClientSampled :
JCE05MSD

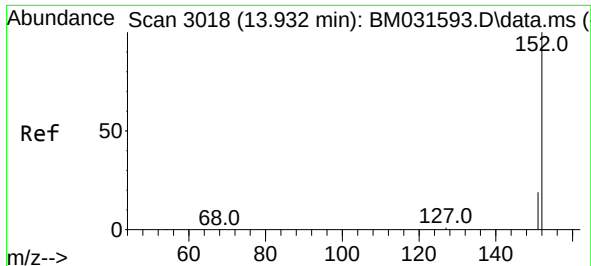
Tgt Ion:142 Resp: 1921
Ion Ratio Lower Upper
142 100
141 87.5 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.166 ng/ul
RT: 12.232 min Scan# 2640
Delta R.T. -0.000 min
Lab File: BM031598.D
Acq: 09 Aug 2021 11:50

Tgt Ion:142 Resp: 1610
Ion Ratio Lower Upper
142 100
141 93.4 74.1 111.1

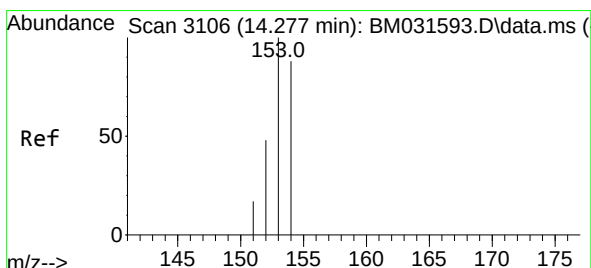
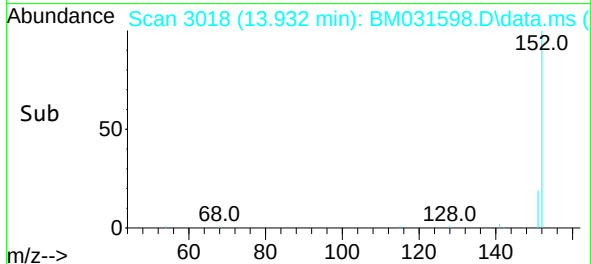
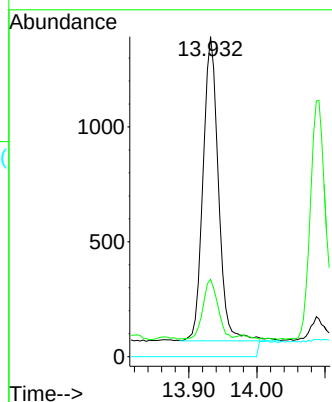
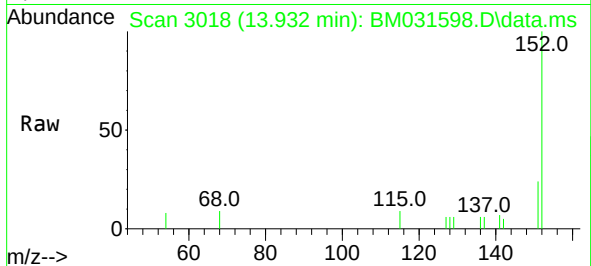




#10
Acenaphthylene
Concen: 0.165 ng/u1
RT: 13.932 min Scan# 3018
Delta R.T. -0.000 min
Lab File: BM031598.D
Acq: 09 Aug 2021 11:50

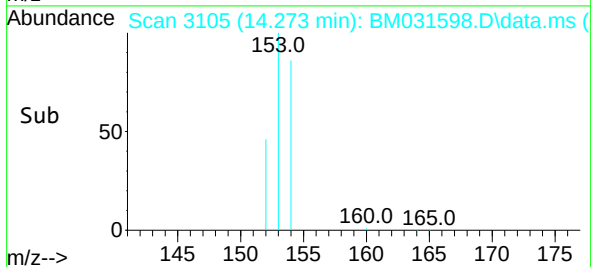
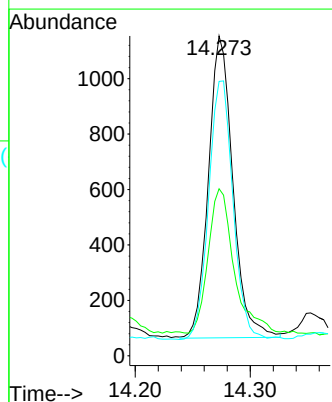
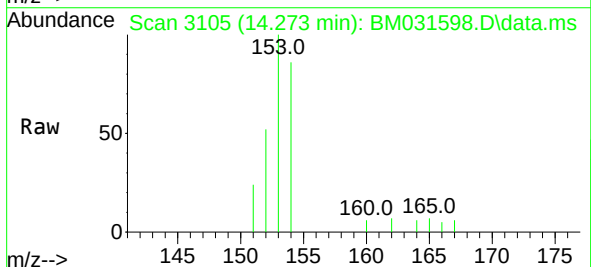
Instrument :
BNA_M
ClientSampleId :
JCE05MSD

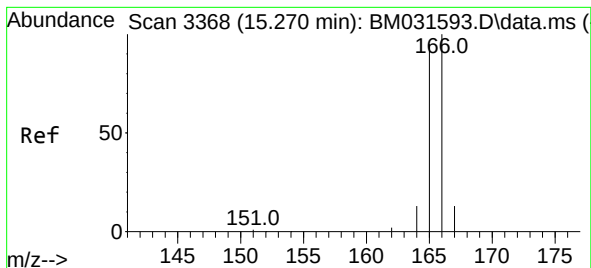
Tgt Ion:	152	Resp:	2005
Ion Ratio	Lower	Upper	
152	100		
151	24.2	16.9	25.3
153	0.0	0.0	0.0



#11
Acenaphthene
Concen: 0.157 ng/u1
RT: 14.273 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BM031598.D
Acq: 09 Aug 2021 11:50

Tgt Ion:	153	Resp:	1608
Ion Ratio	Lower	Upper	
153	100		
152	52.3	40.7	61.1
154	85.8	70.2	105.2





#12

Fluorene

Concen: 0.161 ng/ul

RT: 15.266 min Scan# 3367

Delta R.T. -0.004 min

Lab File: BM031598.D

Acq: 09 Aug 2021 11:50

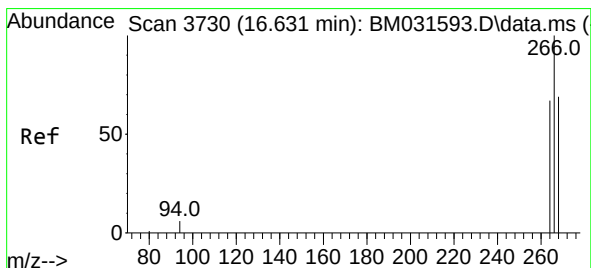
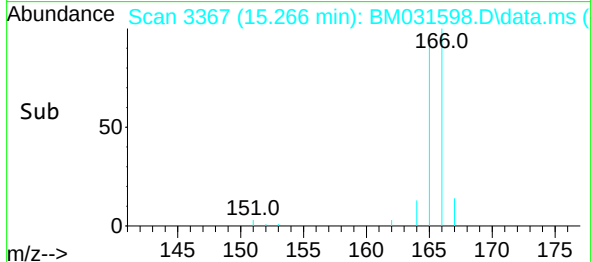
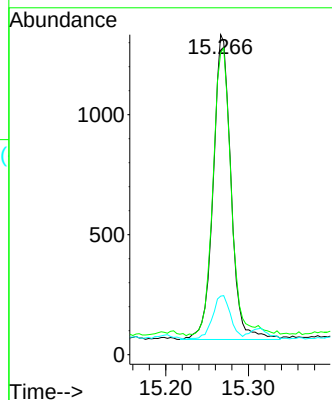
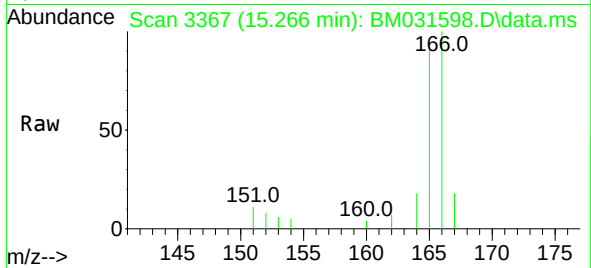
Tgt Ion:166 Resp: 1896

Ion Ratio Lower Upper

166 100

165 94.4 78.0 117.0

167 18.3 12.0 18.0#



#14

Pentachlorophenol

Concen: 0.313 ng/ul

RT: 16.617 min Scan# 3726

Delta R.T. -0.014 min

Lab File: BM031598.D

Acq: 09 Aug 2021 11:50

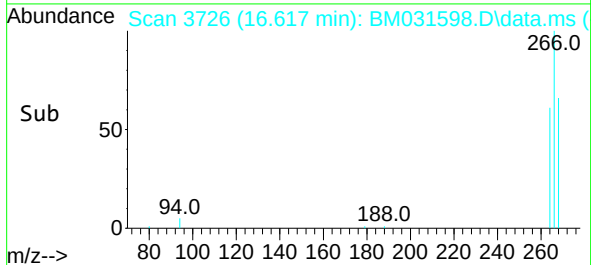
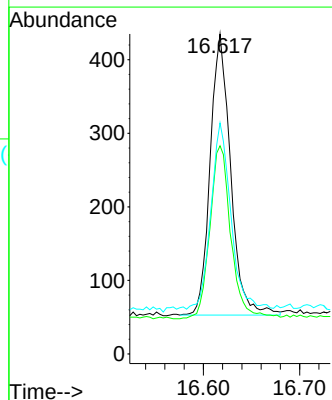
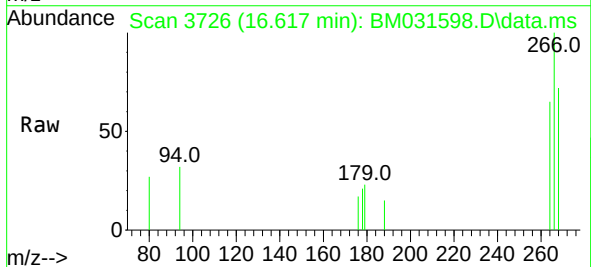
Tgt Ion:266 Resp: 562

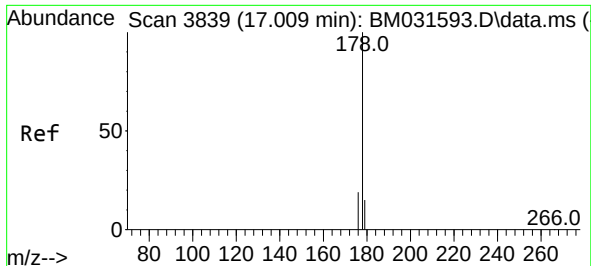
Ion Ratio Lower Upper

266 100

264 63.3 50.1 75.1

268 66.0 51.3 76.9

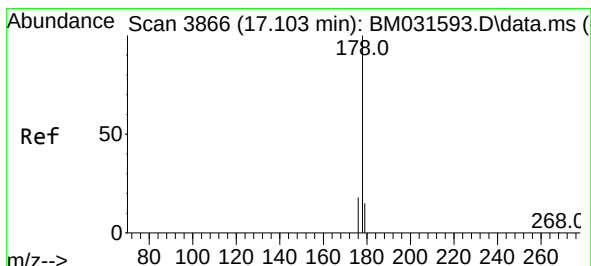
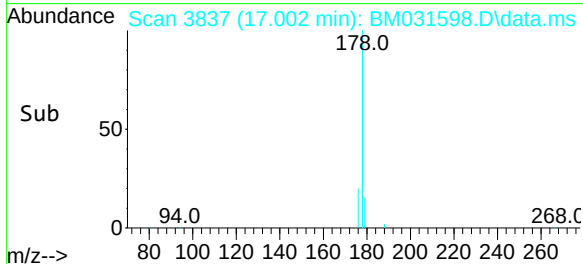
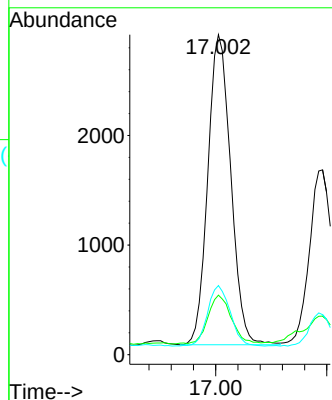
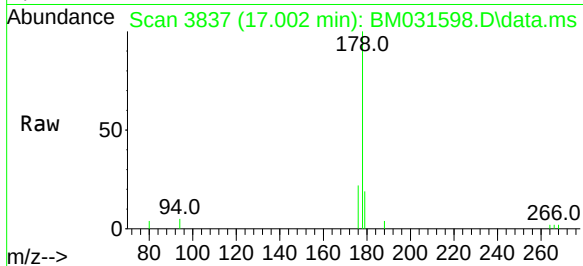




#15
Phenanthrene
Concen: 0.228 ng/ul
RT: 17.002 min Scan# 3837
Delta R.T. -0.007 min
Lab File: BM031598.D
Acq: 09 Aug 2021 11:50

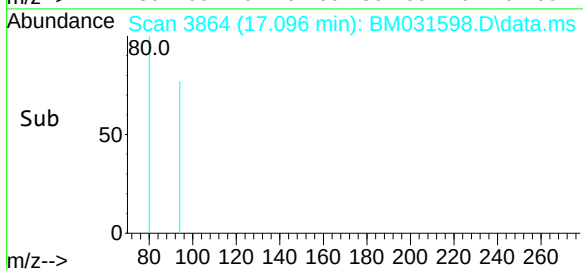
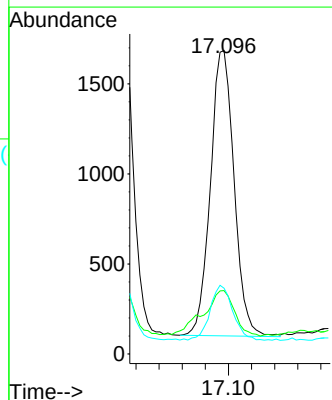
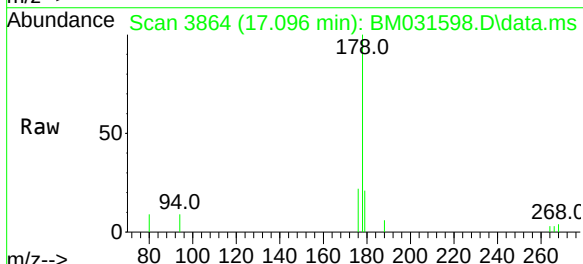
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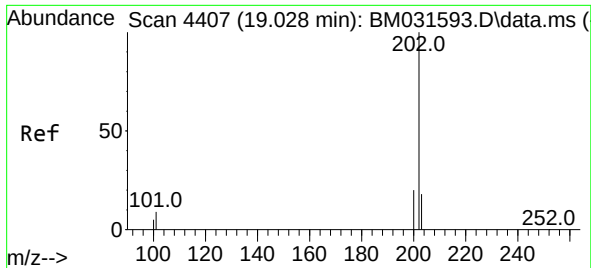
Tgt Ion:178	Resp:	4059
Ion Ratio	Lower	Upper
178	100	
179	18.6	13.3 19.9
176	21.6	16.2 24.4



#16
Anthracene
Concen: 0.136 ng/ul
RT: 17.096 min Scan# 3864
Delta R.T. -0.007 min
Lab File: BM031598.D
Acq: 09 Aug 2021 11:50

Tgt Ion:178	Resp:	2263
Ion Ratio	Lower	Upper
178	100	
179	20.9	13.0 19.6#
176	21.7	15.6 23.4

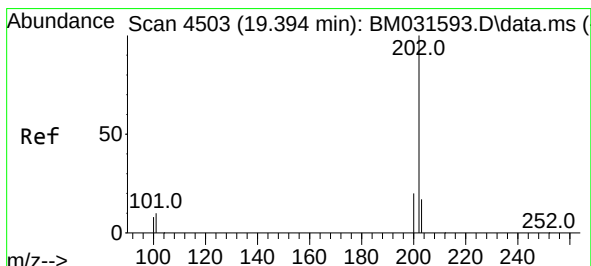
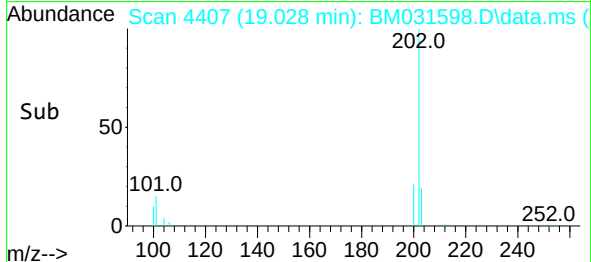
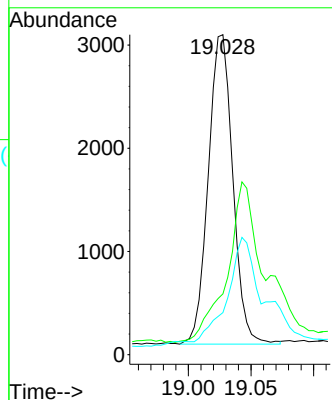
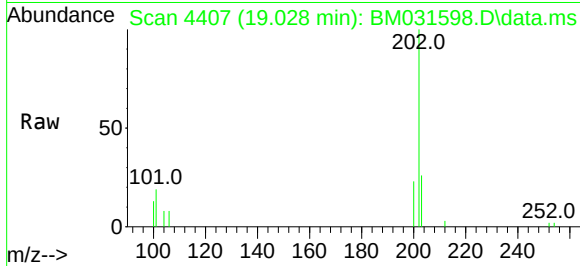




#19
Fluoranthene
Concen: 0.215 ng/ul
RT: 19.028 min Scan# 4407
Delta R.T. -0.000 min
Lab File: BM031598.D
Acq: 09 Aug 2021 11:50

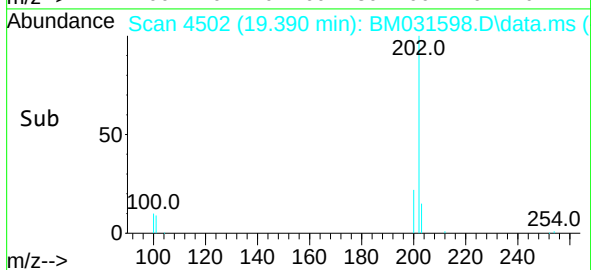
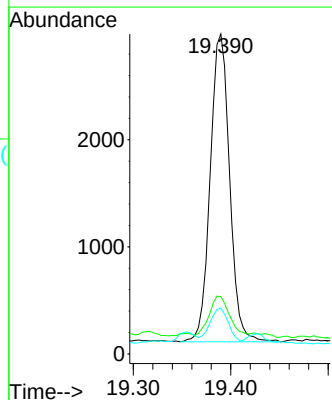
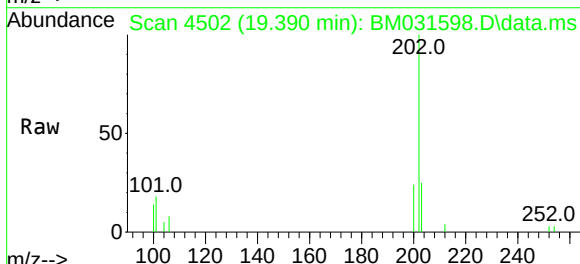
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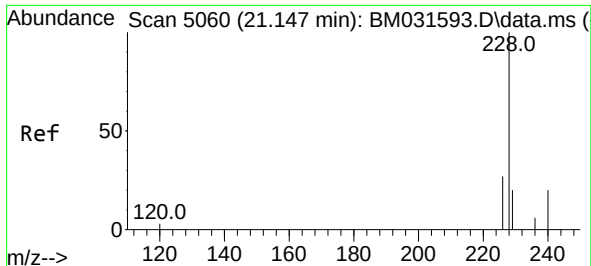
Tgt Ion:202 Resp: 4081
Ion Ratio Lower Upper
202 100
101 19.0 6.6 10.0#
100 13.2 5.4 8.0#



#20
Pyrene
Concen: 0.207 ng/ul
RT: 19.390 min Scan# 4502
Delta R.T. -0.004 min
Lab File: BM031598.D
Acq: 09 Aug 2021 11:50

Tgt Ion:202 Resp: 3978
Ion Ratio Lower Upper
202 100
101 17.9 7.8 11.6#
100 14.4 6.6 10.0#

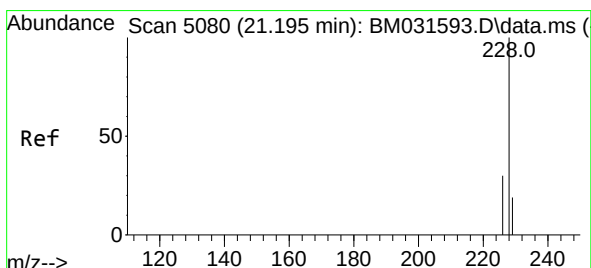
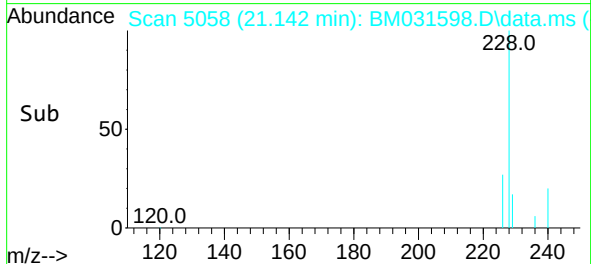
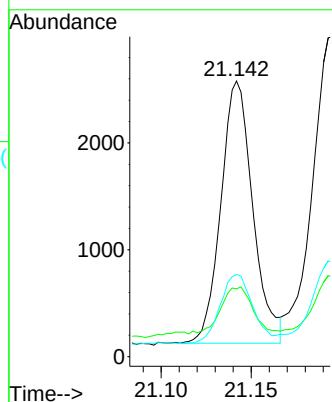
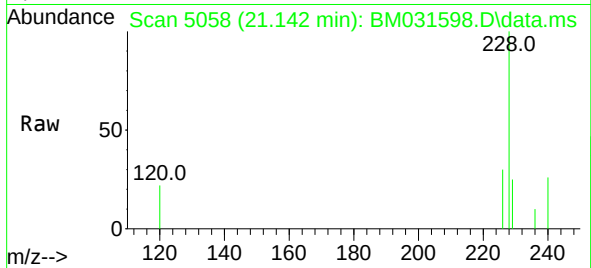




#21
Benzo(a)anthracene
Concen: 0.169 ng/ul
RT: 21.142 min Scan# 5058
Delta R.T. -0.005 min
Lab File: BM031598.D
Acq: 09 Aug 2021 11:50

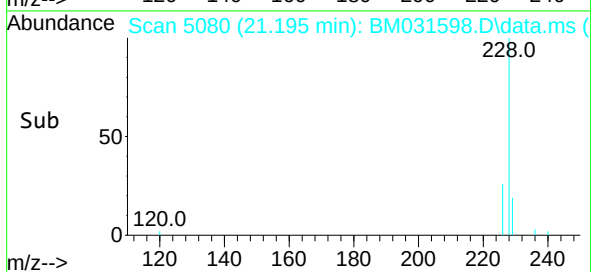
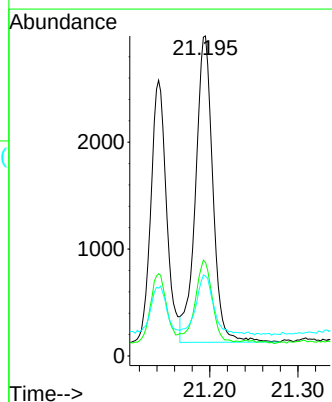
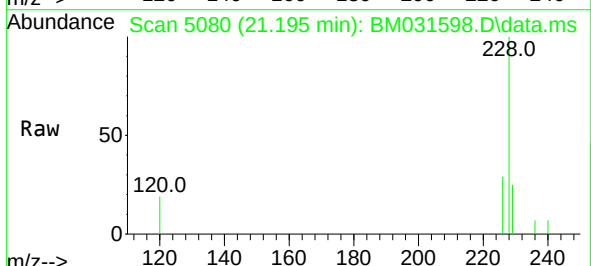
Instrument :
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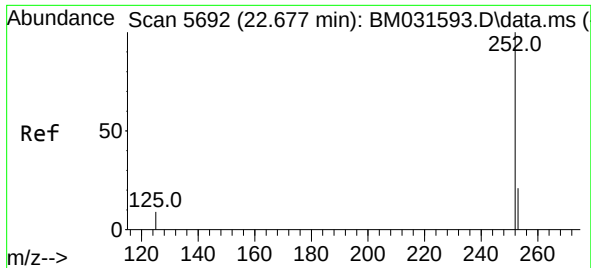
Tgt Ion:228 Resp: 3026
Ion Ratio Lower Upper
228 100
229 24.6 15.6 23.4#
226 29.8 21.7 32.5



#22
Chrysene
Concen: 0.211 ng/ul
RT: 21.195 min Scan# 5080
Delta R.T. -0.000 min
Lab File: BM031598.D
Acq: 09 Aug 2021 11:50

Tgt Ion:228 Resp: 3906
Ion Ratio Lower Upper
228 100
226 29.3 24.7 37.1
229 24.9 16.2 24.2#

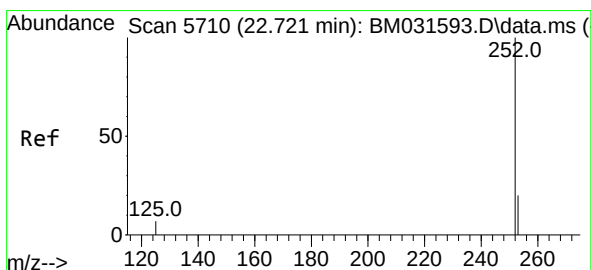
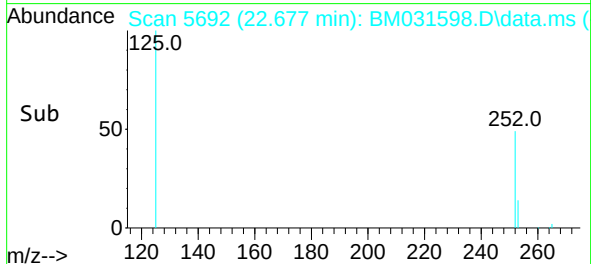
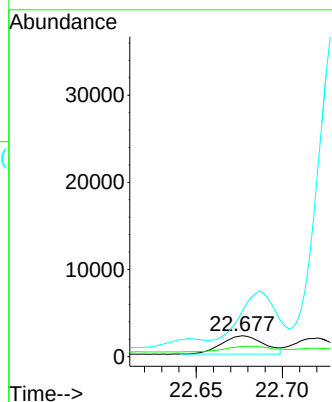
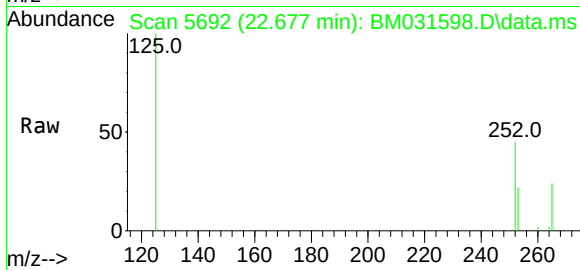




#24
Benzo(b)fluoranthene
Concen: 0.190 ng/ul
RT: 22.677 min Scan# 5692
Delta R.T. -0.000 min
Lab File: BM031598.D
Acq: 09 Aug 2021 11:50

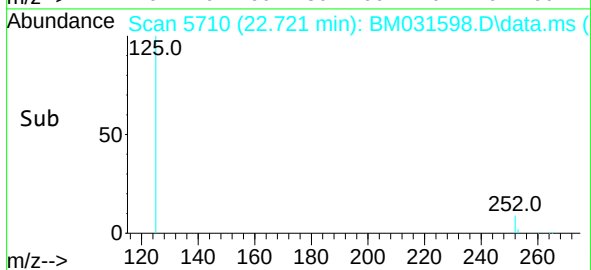
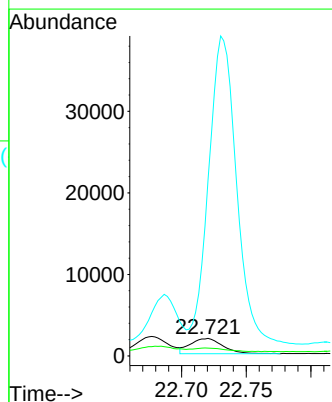
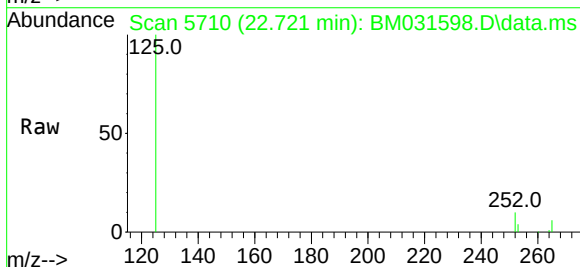
Instrument :
BNA_M
ClientSampleId :
JCE05MSD

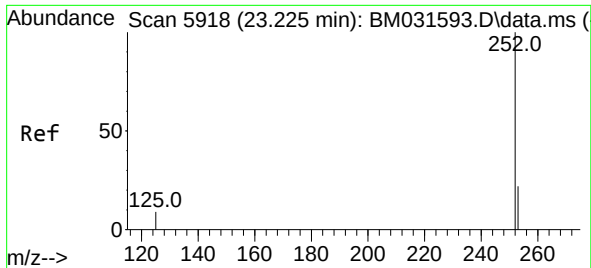
Tgt Ion:252 Resp: 3616
Ion Ratio Lower Upper
252 100
253 47.4 0.0 53.0
125 220.1 0.0 22.8#



#25
Benzo(k)fluoranthene
Concen: 0.164 ng/ul
RT: 22.721 min Scan# 5710
Delta R.T. -0.000 min
Lab File: BM031598.D
Acq: 09 Aug 2021 11:50

Tgt Ion:252 Resp: 3222
Ion Ratio Lower Upper
252 100
253 44.2 21.3 31.9#
125 1000.9 8.8 13.2#

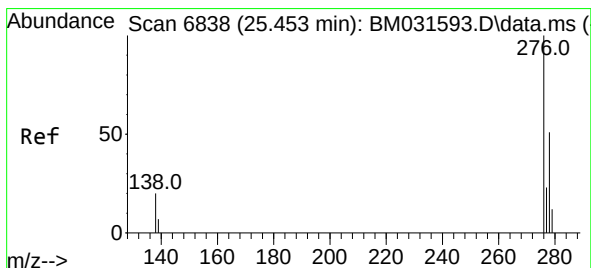
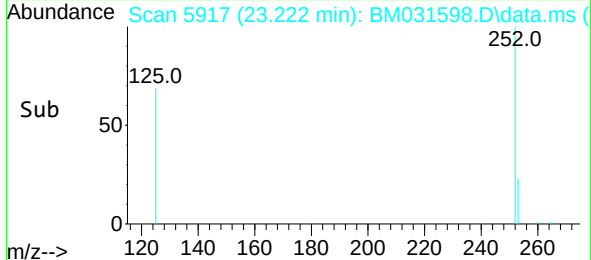
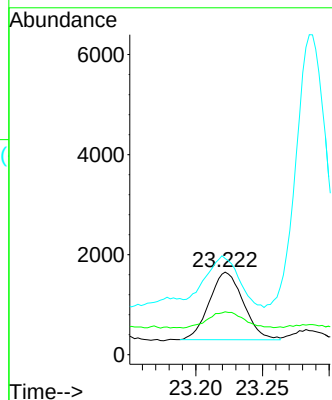
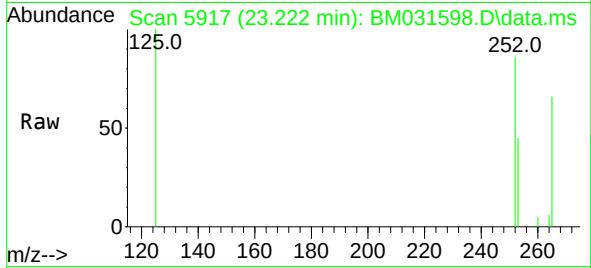




#26
Benzo(a)pyrene
Concen: 0.145 ng/ul
RT: 23.222 min Scan# 5917
Delta R.T. -0.002 min
Lab File: BM031598.D
Acq: 09 Aug 2021 11:50

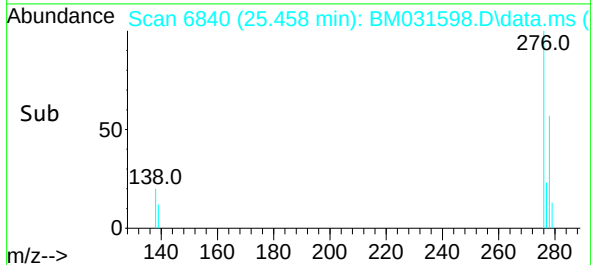
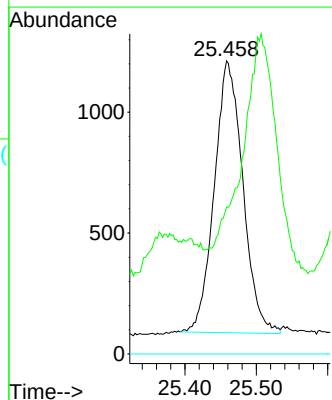
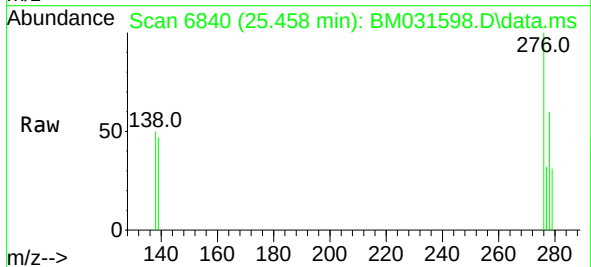
Instrument :
BNA_M
ClientSampleId :
JCE05MSD

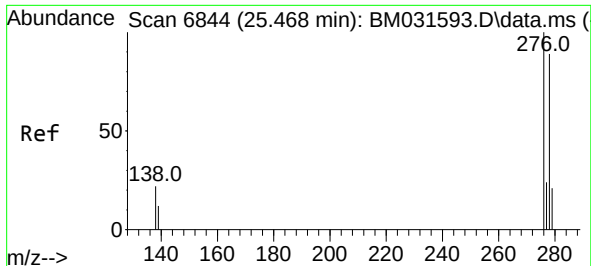
Tgt Ion:252 Resp: 2404
Ion Ratio Lower Upper
252 100
253 51.9 22.4 33.6#
125 116.5 13.0 19.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.145 ng/ul
RT: 25.458 min Scan# 6840
Delta R.T. 0.005 min
Lab File: BM031598.D
Acq: 09 Aug 2021 11:50

Tgt Ion:276 Resp: 3126
Ion Ratio Lower Upper
276 100
138 0.0 15.8 23.8#
227 0.0 0.0 0.0

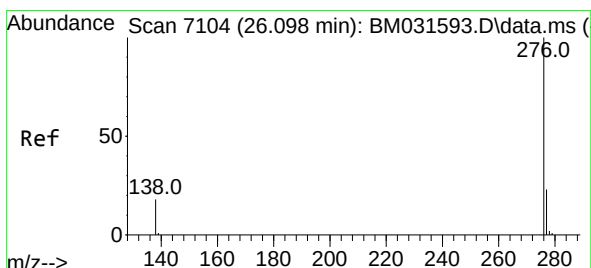
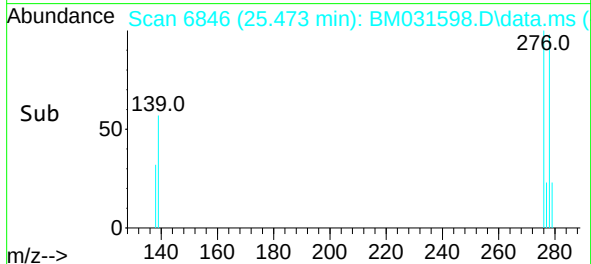
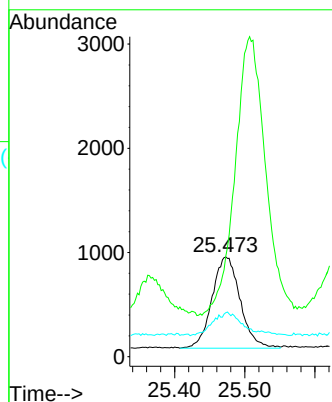
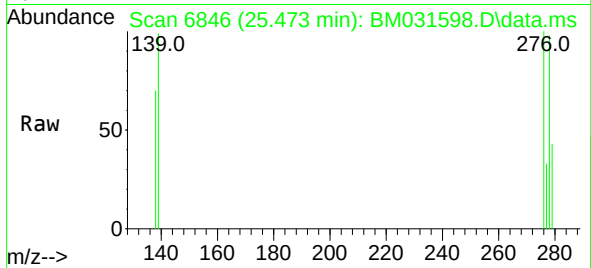




#28
Dibenzo(a,h)anthracene
Concen: 0.141 ng/ul
RT: 25.473 min Scan# 6846
Delta R.T. 0.005 min
Lab File: BM031598.D
Acq: 09 Aug 2021 11:50

Instrument :
BNA_M
ClientSampleId :
JCE05MSD

Tgt Ion:278 Resp: 2434
Ion Ratio Lower Upper
278 100
139 100.7 13.3 19.9#
279 44.2 22.8 34.2#



#29
Benzo(g,h,i)perylene
Concen: 0.146 ng/ul
RT: 26.112 min Scan# 7110
Delta R.T. 0.014 min
Lab File: BM031598.D
Acq: 09 Aug 2021 11:50

Tgt Ion:276 Resp: 2677
Ion Ratio Lower Upper
276 100
138 53.8 15.4 23.2#
277 29.9 19.9 29.9#

