

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062521\
 Data File : BM030634.D
 Acq On : 26 Jun 2021 12:49
 Operator : CG/JU
 Sample : M2682-14
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGD33

Manual Integrations
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Quant Time: Jun 27 02:41:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 25 10:09:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.791	152	3896	0.400	ng/ul	0.00
4) Naphthalene-d8	10.577	136	16255	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.421	164	9866	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.155	188	18954	0.400	ng/ul	0.00
17) Chrysene-d12	21.321	240	13326	0.400	ng/ul	0.00
23) Perylene-d12	23.573	264	11452	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	8684	2.084	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.169	152	3876	0.149	ng/ul	0.00
18) Fluoranthene-d10	19.176	212	7983	0.195	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.626	128	21440	0.443	ng/ul	100
7) 2-Methylnaphthalene	12.241	142	8403	0.258	ng/ul	100
8) 1-Methylnaphthalene	12.461	142	7527	0.237	ng/ul	100
10) Acenaphthylene	14.140	152	15951	0.345	ng/ul	97
11) Acenaphthene	14.482	153	32270	0.858	ng/ul	99
12) Fluorene	15.464	166	39119	0.939	ng/ul	97
15) Phenanthrene	17.197	178	695821	10.310	ng/ul	99
16) Anthracene	17.287	178	155232	2.626	ng/ul	99
19) Fluoranthene	19.207	202	936550	15.287	ng/ul	99
20) Pyrene	19.569	202	572228	9.117	ng/ul	99
21) Benzo(a)anthracene	21.307	228	363153	6.860	ng/ul	99
22) Chrysene	21.357	228	315465	5.368	ng/ul	98
24) Benzo(b)fluoranthene	22.895	252	340622m	6.838	ng/ul	
25) Benzo(k)fluoranthene	22.934	252	122844m	2.351	ng/ul	
26) Benzo(a)pyrene	23.474	252	104241	2.358	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.851	276	86302	1.535	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.856	278	36054	0.804	ng/ul	98
29) Benzo(g,h,i)perylene	26.553	276	3826	0.079	ng/ul#	70

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

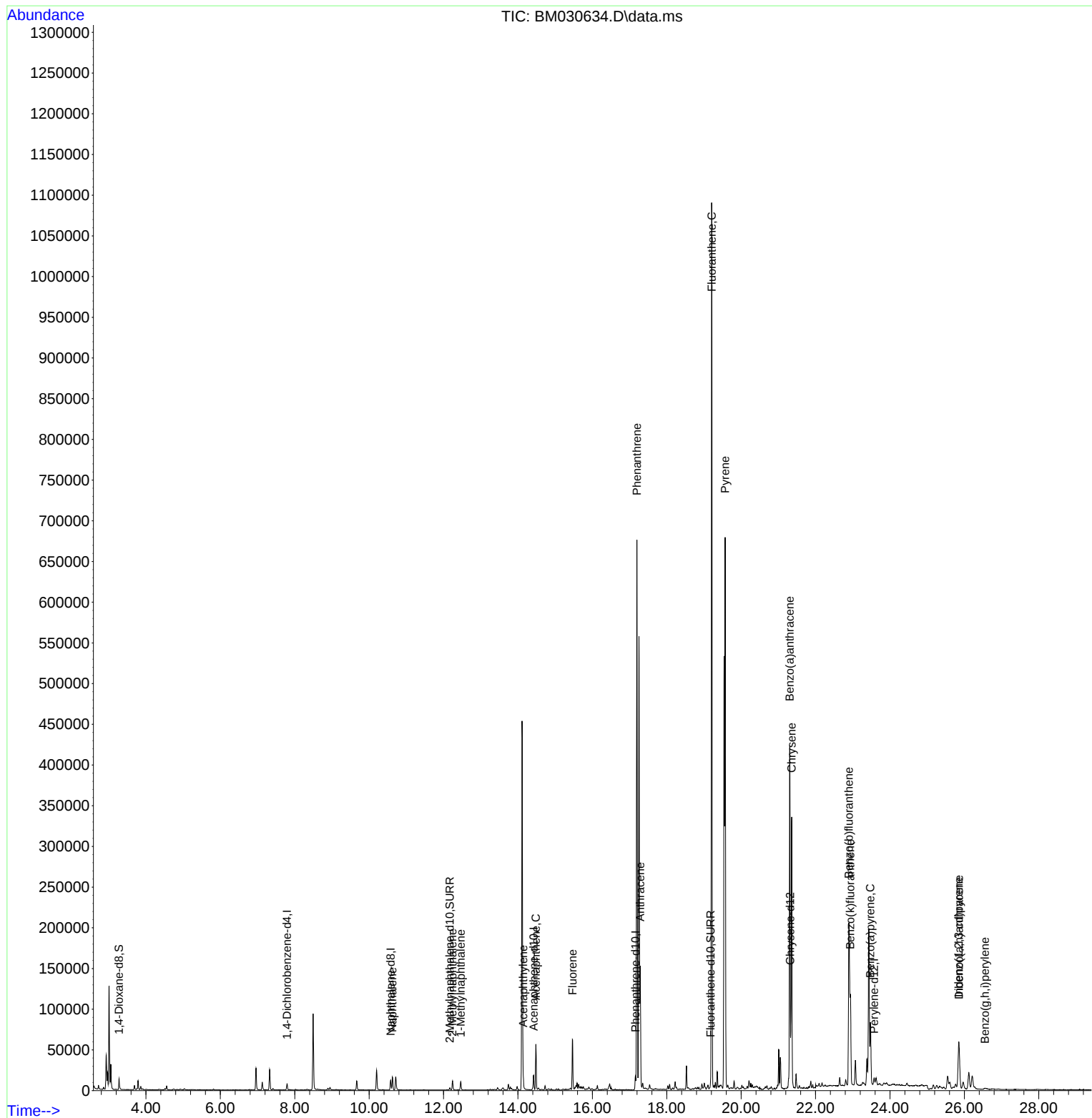
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062521\
Data File : BM030634.D
Acq On : 26 Jun 2021 12:49
Operator : CG/JU
Sample : M2682-14
Misc :
ALS Vial : 46 Sample Multiplier: 1

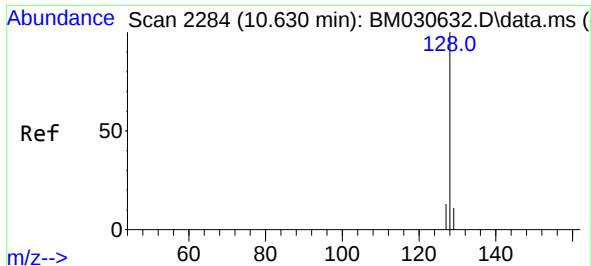
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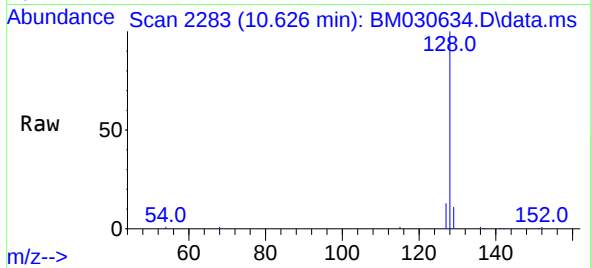
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Response via : Initial Calibration

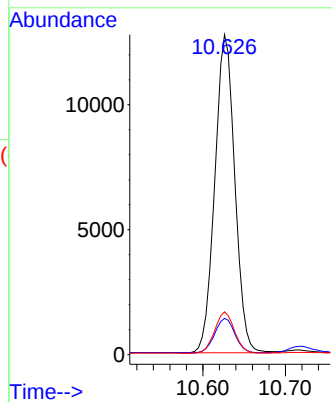
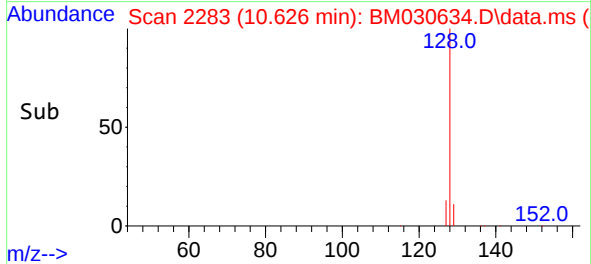




#5
Naphthalene
Concen: 0.443 ng/ul
RT: 10.626 min Scan# 2283
Delta R.T. -0.009 min
Lab File: BM030634.D
Acq: 26 Jun 2021 12:49



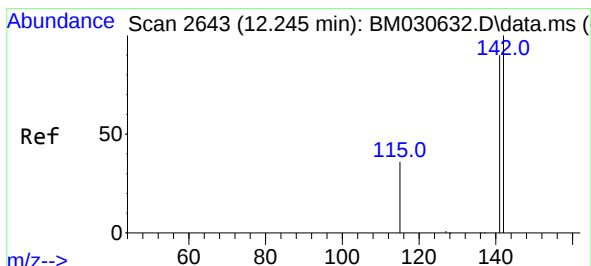
Tgt Ion:128 Resp: 21440
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.4 10.9 16.3



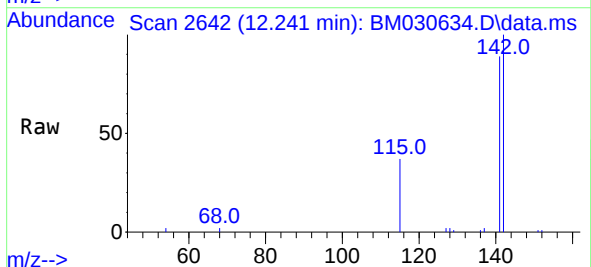
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ClientSampleId :
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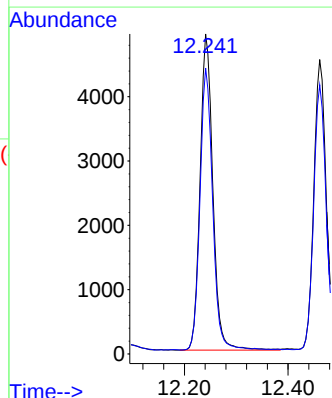
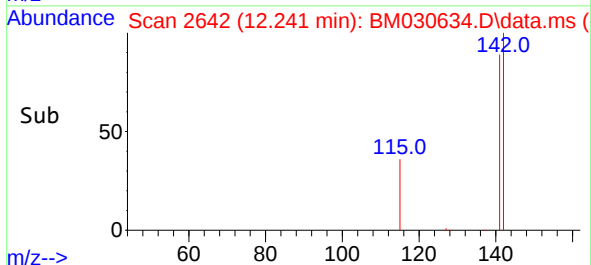
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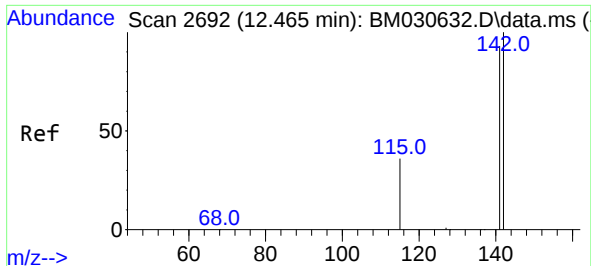


#7
2-Methylnaphthalene
Concen: 0.258 ng/ul
RT: 12.241 min Scan# 2642
Delta R.T. -0.009 min
Lab File: BM030634.D
Acq: 26 Jun 2021 12:49



Tgt Ion:142 Resp: 8403
Ion Ratio Lower Upper
142 100
141 88.9 71.4 107.0





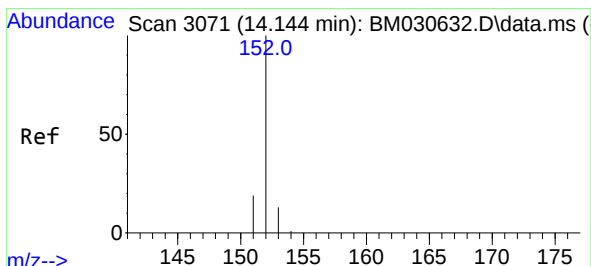
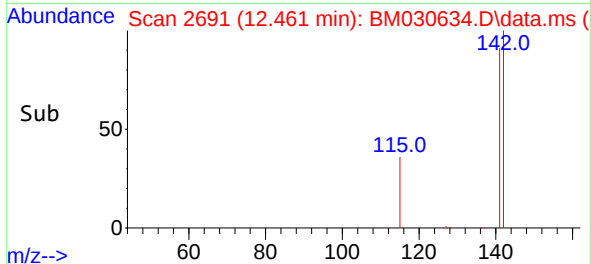
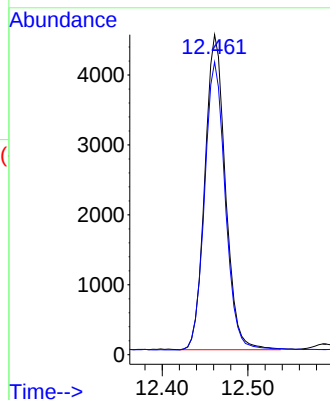
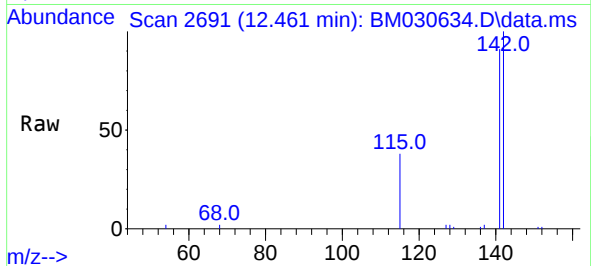
#8
1-Methylnaphthalene
Concen: 0.237 ng/ul
RT: 12.461 min Scan# 2691
Delta R.T. -0.004 min
Lab File: BM030634.D
Acq: 26 Jun 2021 12:49

Tgt Ion:142 Resp: 7527
Ion Ratio Lower Upper
142 100
141 91.9 73.4 110.0

Instrument :
BNA_M
ClientSampled :
BGD33

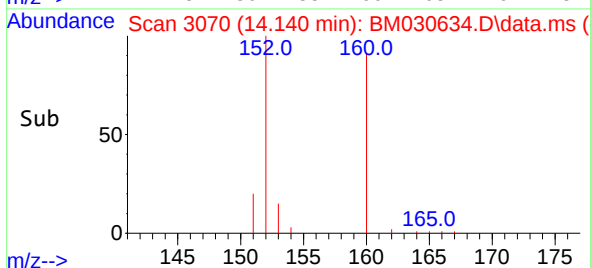
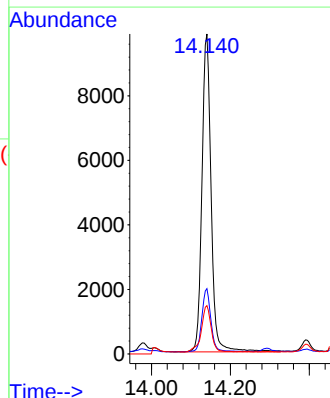
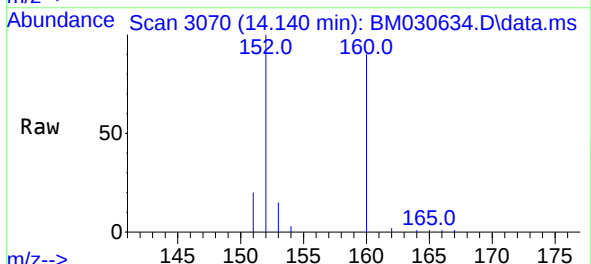
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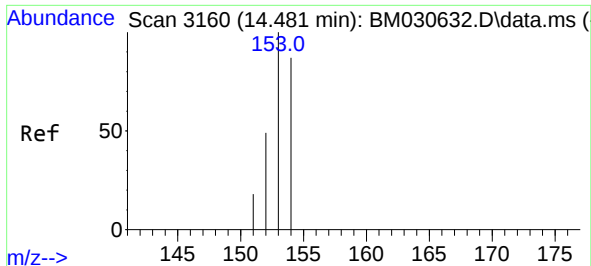
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#10
Acenaphthylene
Concen: 0.345 ng/ul
RT: 14.140 min Scan# 3070
Delta R.T. -0.004 min
Lab File: BM030634.D
Acq: 26 Jun 2021 12:49

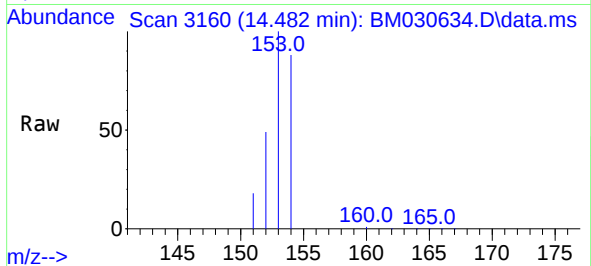
Tgt Ion:152 Resp: 15951
Ion Ratio Lower Upper
152 100
151 20.4 15.5 23.3
153 15.1 10.7 16.1





#11
Acenaphthene
Concen: 0.858 ng/ul
RT: 14.482 min Scan# 3160
Delta R.T. -0.004 min
Lab File: BM030634.D
Acq: 26 Jun 2021 12:49

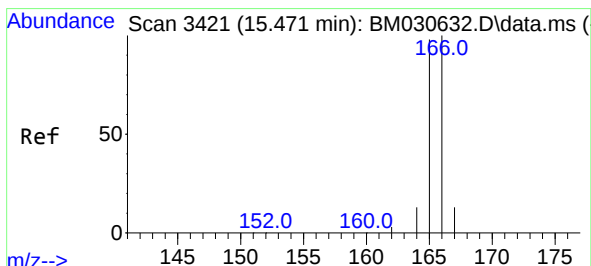
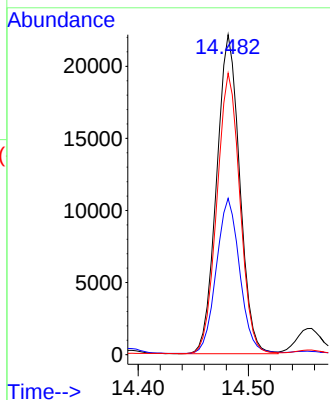
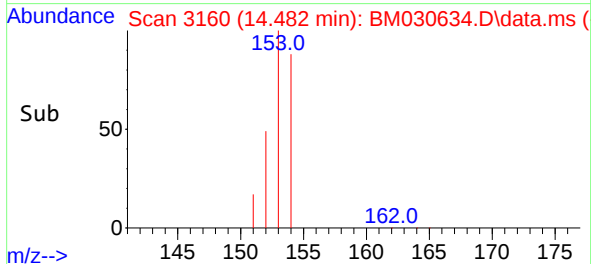
Instrument :
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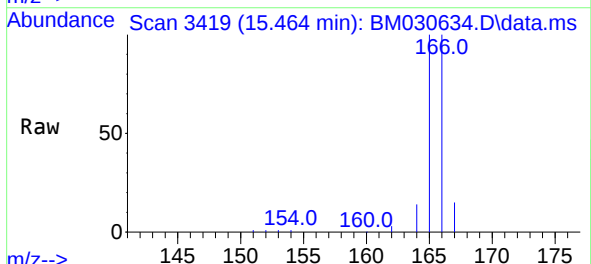
Tgt Ion:153 Resp: 32270
Ion Ratio Lower Upper
153 100
152 48.8 40.2 60.2
154 88.0 71.2 106.8

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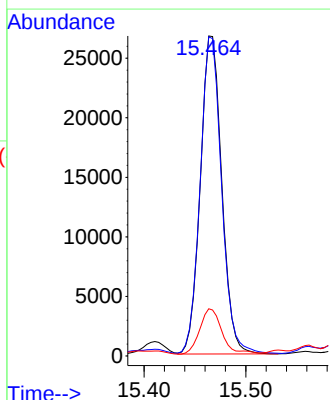
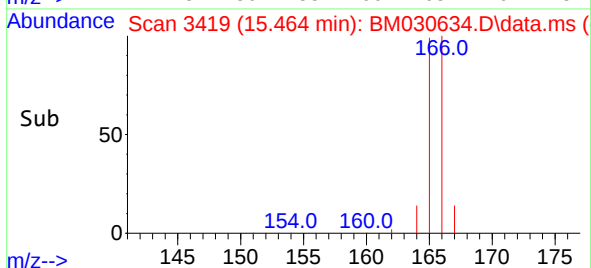
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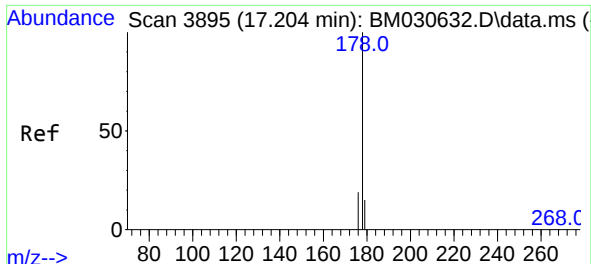


#12
Fluorene
Concen: 0.939 ng/ul
RT: 15.464 min Scan# 3419
Delta R.T. -0.011 min
Lab File: BM030634.D
Acq: 26 Jun 2021 12:49



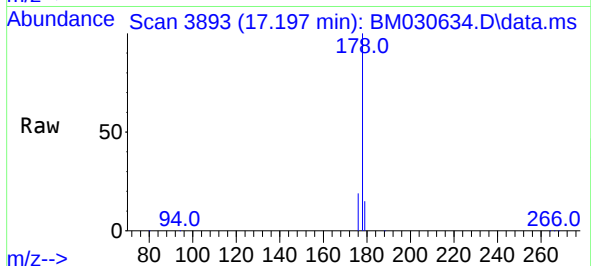
Tgt Ion:166 Resp: 39119
Ion Ratio Lower Upper
166 100
165 99.7 77.7 116.5
167 14.8 11.3 16.9





#15
Phenanthrene
Concen: 10.310 ng/ul
RT: 17.197 min Scan# 3893
Delta R.T. -0.007 min
Lab File: BM030634.D
Acq: 26 Jun 2021 12:49

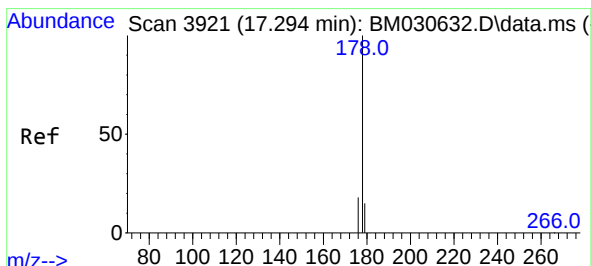
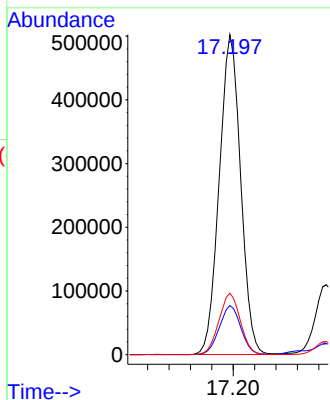
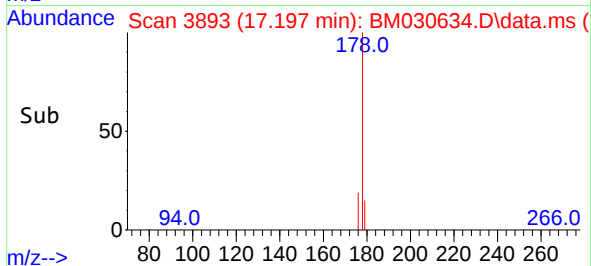
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ClientSampled :
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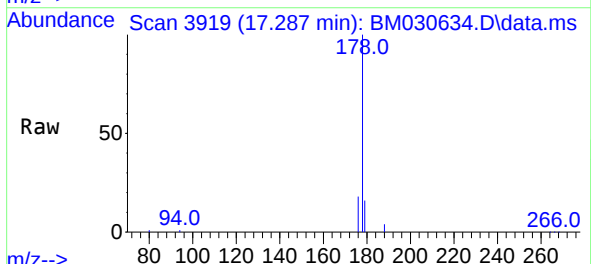
Tgt Ion:178 Resp: 695821
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.2 15.5 23.3

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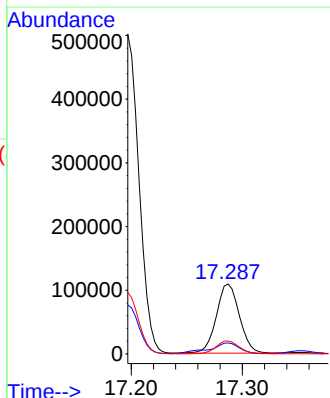
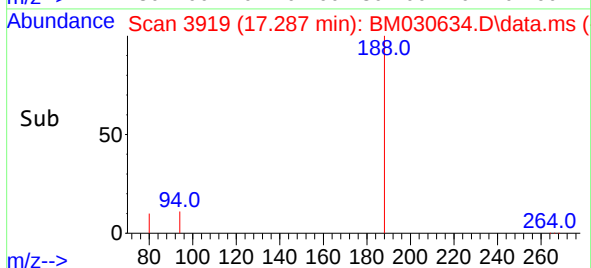
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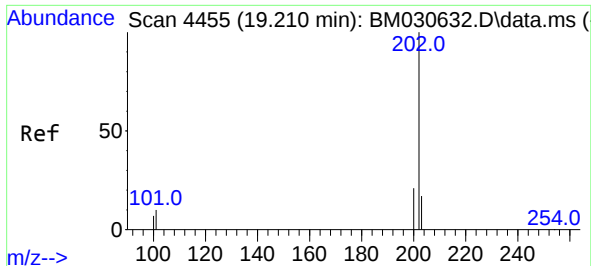


#16
Anthracene
Concen: 2.626 ng/ul
RT: 17.287 min Scan# 3919
Delta R.T. -0.010 min
Lab File: BM030634.D
Acq: 26 Jun 2021 12:49



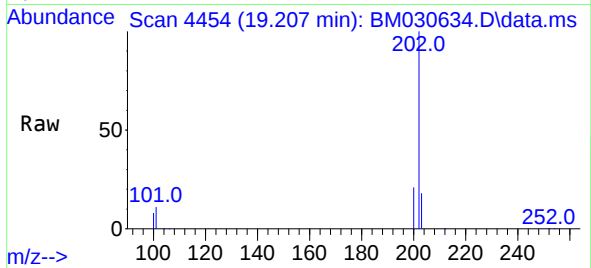
Tgt Ion:178 Resp: 155232
Ion Ratio Lower Upper
178 100
179 15.8 12.7 19.1
176 18.5 15.2 22.8





#19
Fluoranthene
Concen: 15.287 ng/ul
RT: 19.207 min Scan# 4454
Delta R.T. -0.007 min
Lab File: BM030634.D
Acq: 26 Jun 2021 12:49

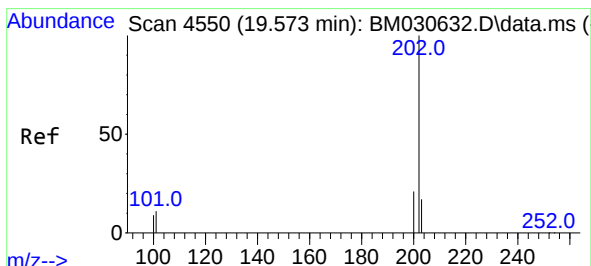
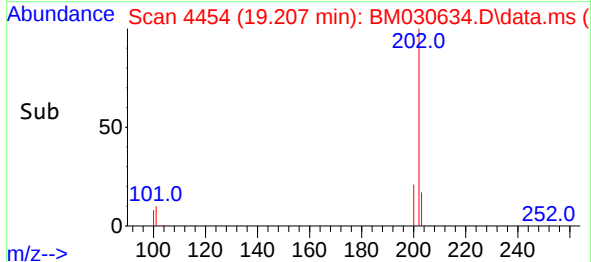
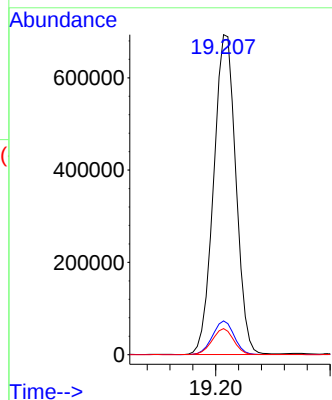
Instrument :
BNA_M
ClientSampleId :
BGD33



Tgt Ion:202 Resp: 936550
Ion Ratio Lower Upper
202 100
101 10.6 8.8 13.2
100 8.1 6.9 10.3

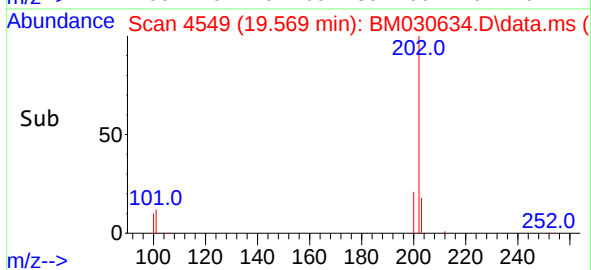
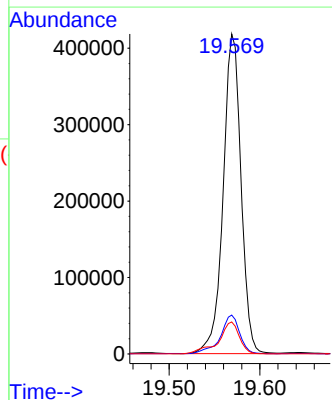
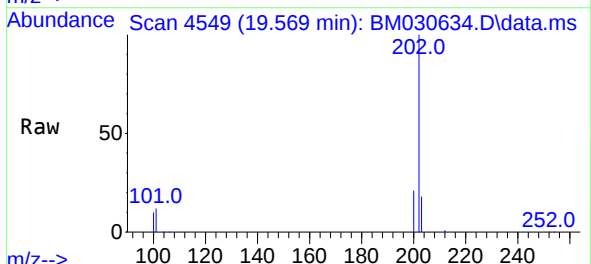
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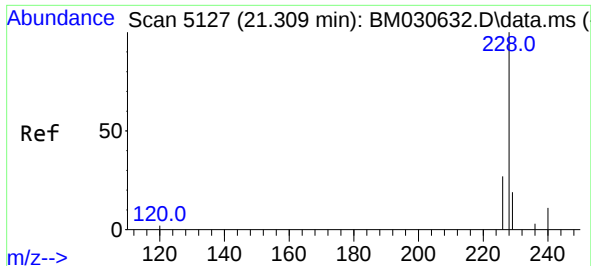
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#20
Pyrene
Concen: 9.117 ng/ul
RT: 19.569 min Scan# 4549
Delta R.T. -0.007 min
Lab File: BM030634.D
Acq: 26 Jun 2021 12:49

Tgt Ion:202 Resp: 572228
Ion Ratio Lower Upper
202 100
101 12.2 10.1 15.1
100 10.0 8.2 12.2





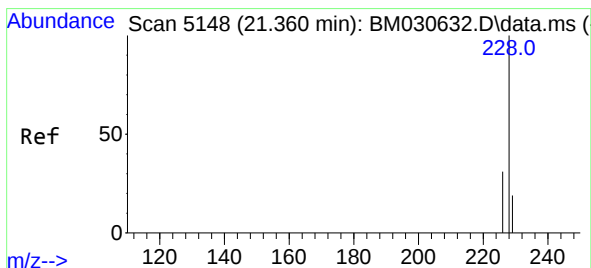
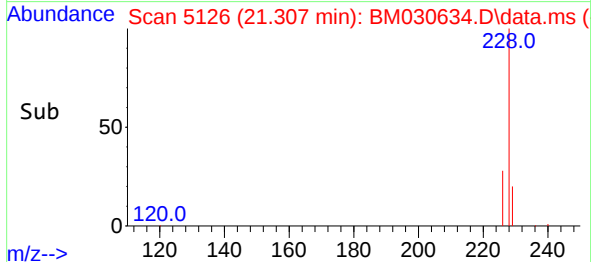
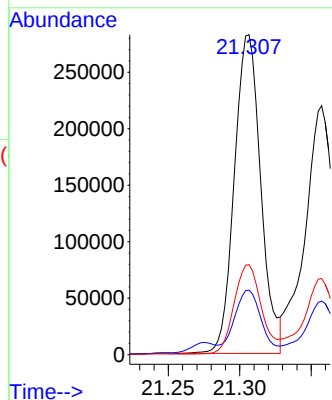
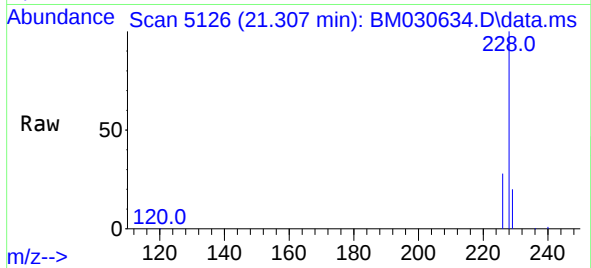
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Benzo(a)anthracene
Concen: 6.860 ng/u1
RT: 21.307 min Scan# 5126
Delta R.T. -0.007 min
Lab File: BM030634.D
Acq: 26 Jun 2021 12:49

Tgt Ion:228 Resp: 363153
Ion Ratio Lower Upper
228 100
229 20.2 15.8 23.6
226 28.2 22.2 33.4

Instrument :
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ClientSampled :
BGD33

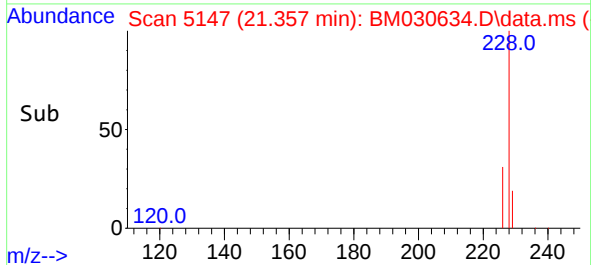
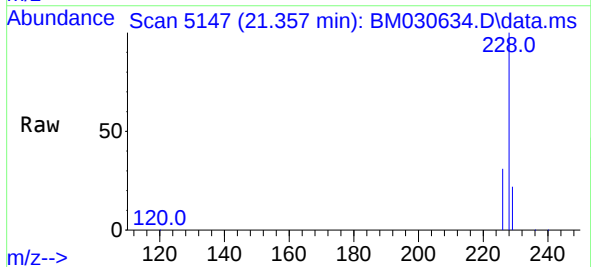
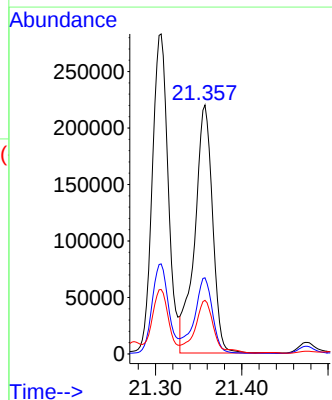
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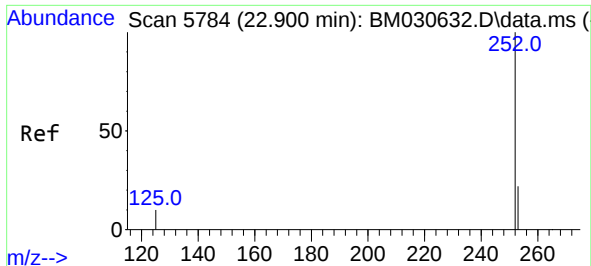
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#22
Chrysene
Concen: 5.368 ng/u1
RT: 21.357 min Scan# 5147
Delta R.T. -0.007 min
Lab File: BM030634.D
Acq: 26 Jun 2021 12:49

Tgt Ion:228 Resp: 315465
Ion Ratio Lower Upper
228 100
226 30.6 24.4 36.6
229 21.5 15.4 23.0





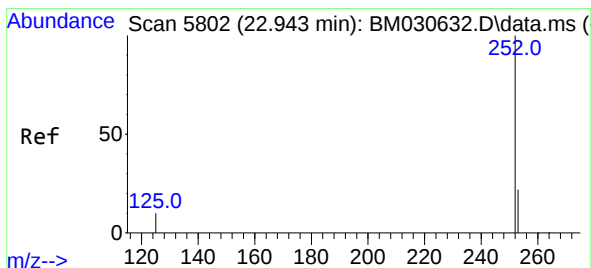
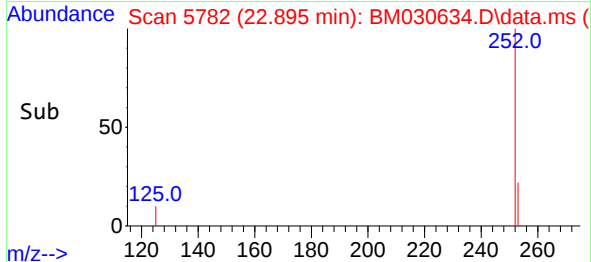
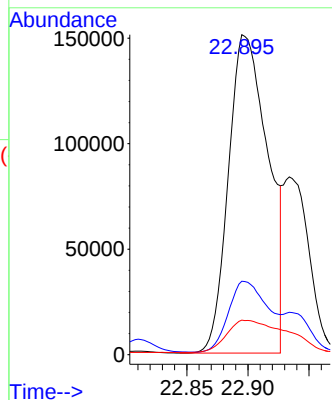
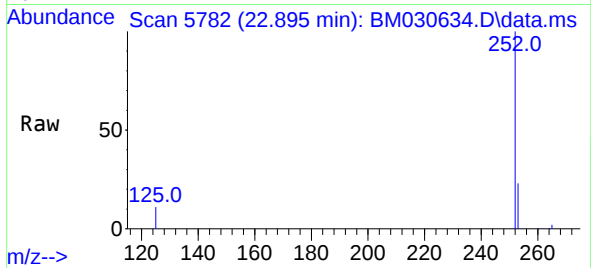
#24
Benzo(b)fluoranthene
Concen: 6.838 ng/ul m
RT: 22.895 min Scan# 5782
Delta R.T. -0.012 min
Lab File: BM030634.D
Acq: 26 Jun 2021 12:49

Tgt Ion:252 Resp: 340622
Ion Ratio Lower Upper
252 100
253 23.0 0.0 50.2
125 10.8 0.0 27.8

Instrument :
BNA_M
ClientSampled :
BGD33

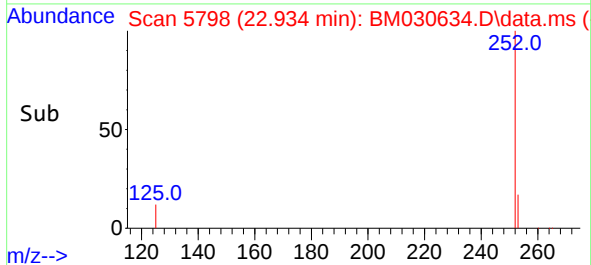
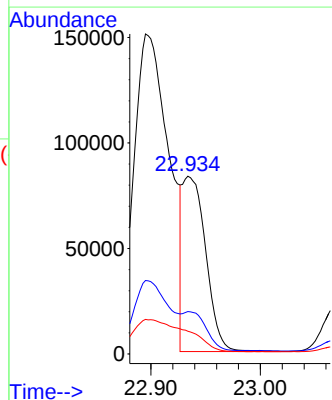
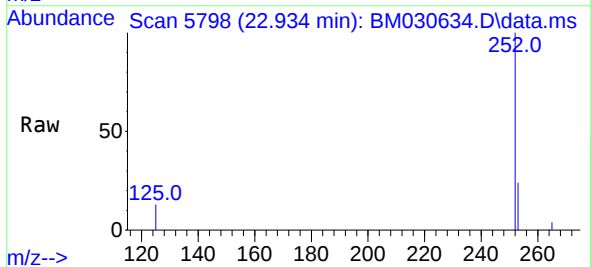
Manual Integrations
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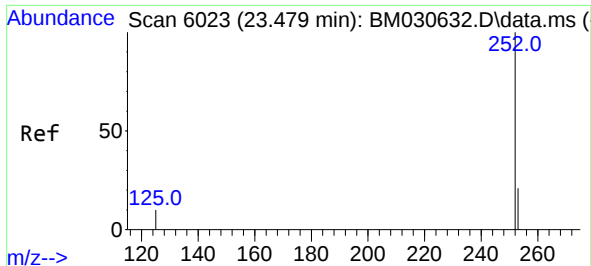
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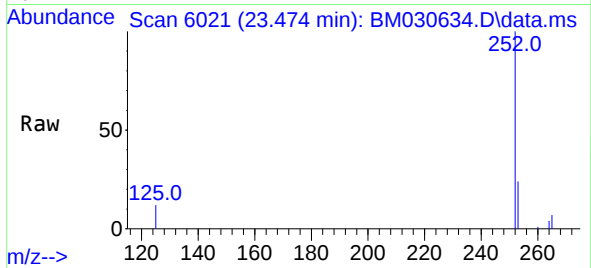
#25
Benzo(k)fluoranthene
Concen: 2.351 ng/ul m
RT: 22.934 min Scan# 5798
Delta R.T. -0.019 min
Lab File: BM030634.D
Acq: 26 Jun 2021 12:49

Tgt Ion:252 Resp: 122844
Ion Ratio Lower Upper
252 100
253 23.9 20.6 31.0
125 12.8 11.0 16.4

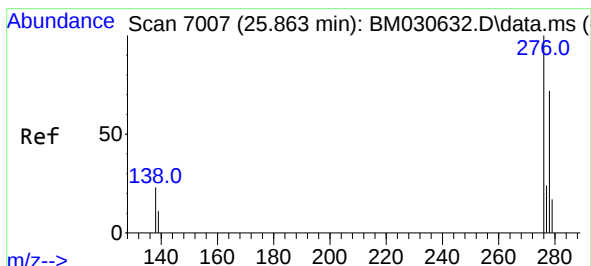
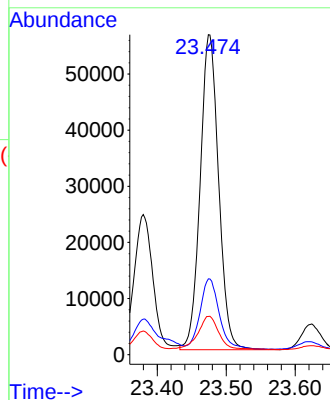
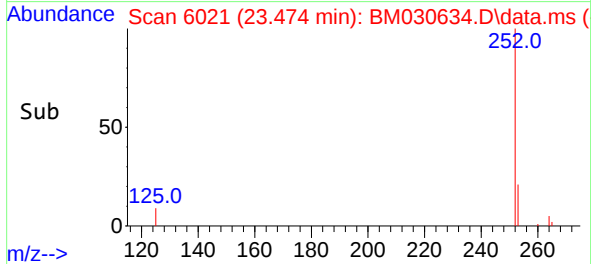




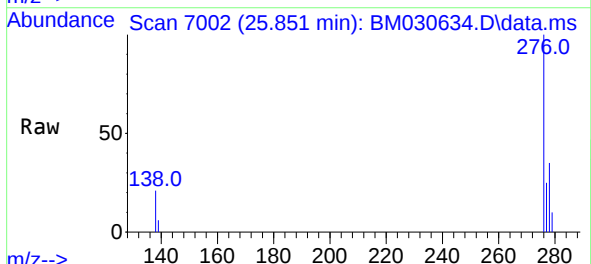
#26
Benzo(a)pyrene
Concen: 2.358 ng/ul
RT: 23.474 min Scan# 6021
Delta R.T. -0.014 min
Lab File: BM030634.D
Acq: 26 Jun 2021 12:49



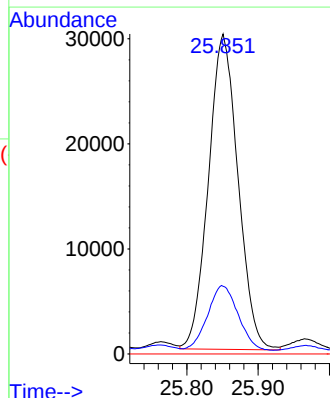
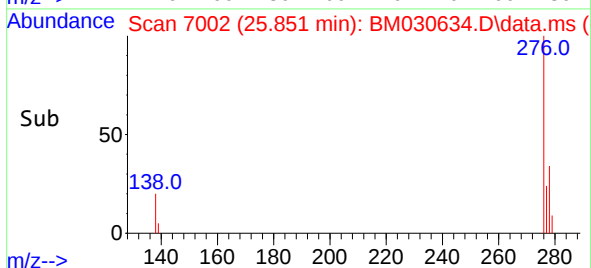
Tgt Ion:252 Resp: 104241
Ion Ratio Lower Upper
252 100
253 23.7 22.0 33.0
125 12.0 13.4 20.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.535 ng/ul
RT: 25.851 min Scan# 7002
Delta R.T. -0.022 min
Lab File: BM030634.D
Acq: 26 Jun 2021 12:49



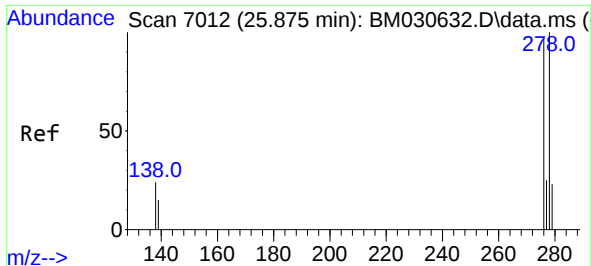
Tgt Ion:276 Resp: 86302
Ion Ratio Lower Upper
276 100
138 21.4 19.1 28.7
227 0.0 0.0 0.0



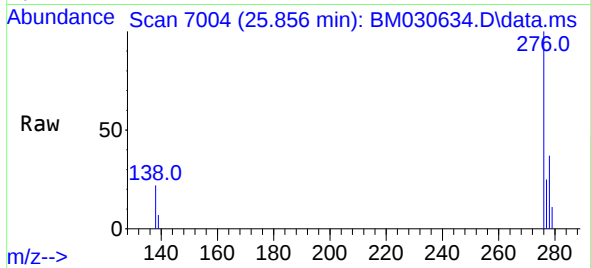
Instrument :
BNA_M
ClientSampled :
BGD33

Manual Integrations
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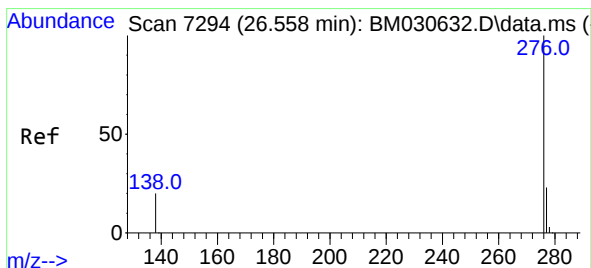
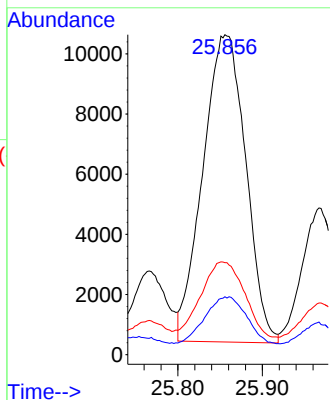
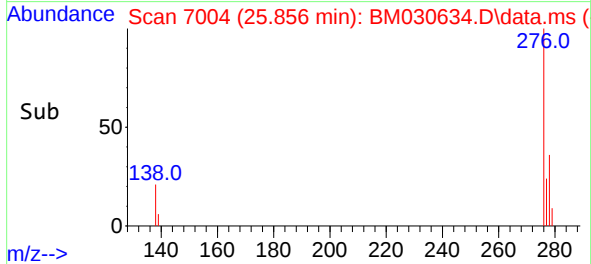
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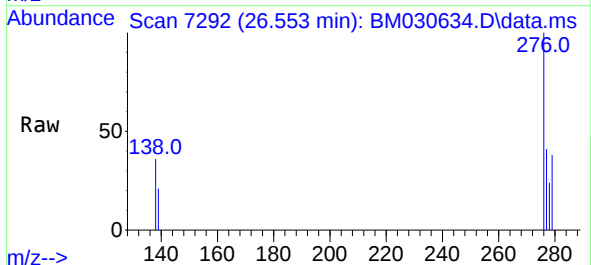
#28
Dibenzo(a,h)anthracene
Concen: 0.804 ng/ul
RT: 25.856 min Scan# 7004
Delta R.T. -0.031 min
Lab File: BM030634.D
Acq: 26 Jun 2021 12:49



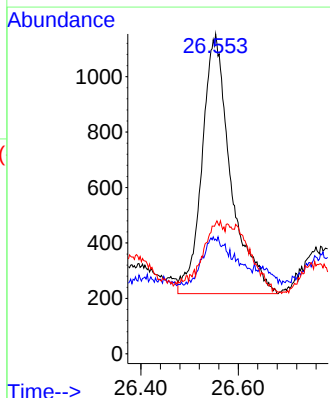
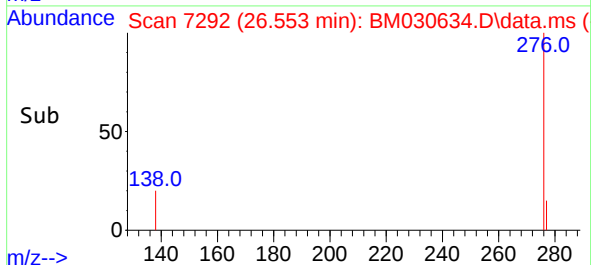
Tgt Ion:278 Resp: 36054
Ion Ratio Lower Upper
278 100
139 18.1 14.2 21.4
279 28.7 21.6 32.4



#29
Benzo(g,h,i)perylene
Concen: 0.079 ng/ul
RT: 26.553 min Scan# 7292
Delta R.T. -0.014 min
Lab File: BM030634.D
Acq: 26 Jun 2021 12:49



Tgt Ion:276 Resp: 3826
Ion Ratio Lower Upper
276 100
138 35.9 18.0 27.0#
277 40.7 19.5 29.3#



Instrument :
BNA_M
ClientSampleId :
BGD33

Manual Integrations
APPROVED

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