

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030323\
 Data File : BM038861.D
 Acq On : 03 Mar 2023 16:22
 Operator : CG/JU
 Sample : PB150956BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK956

Quant Time: Mar 04 01:29:25 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM030323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 03 22:01:14 2023
 Response via : Initial Calibration

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

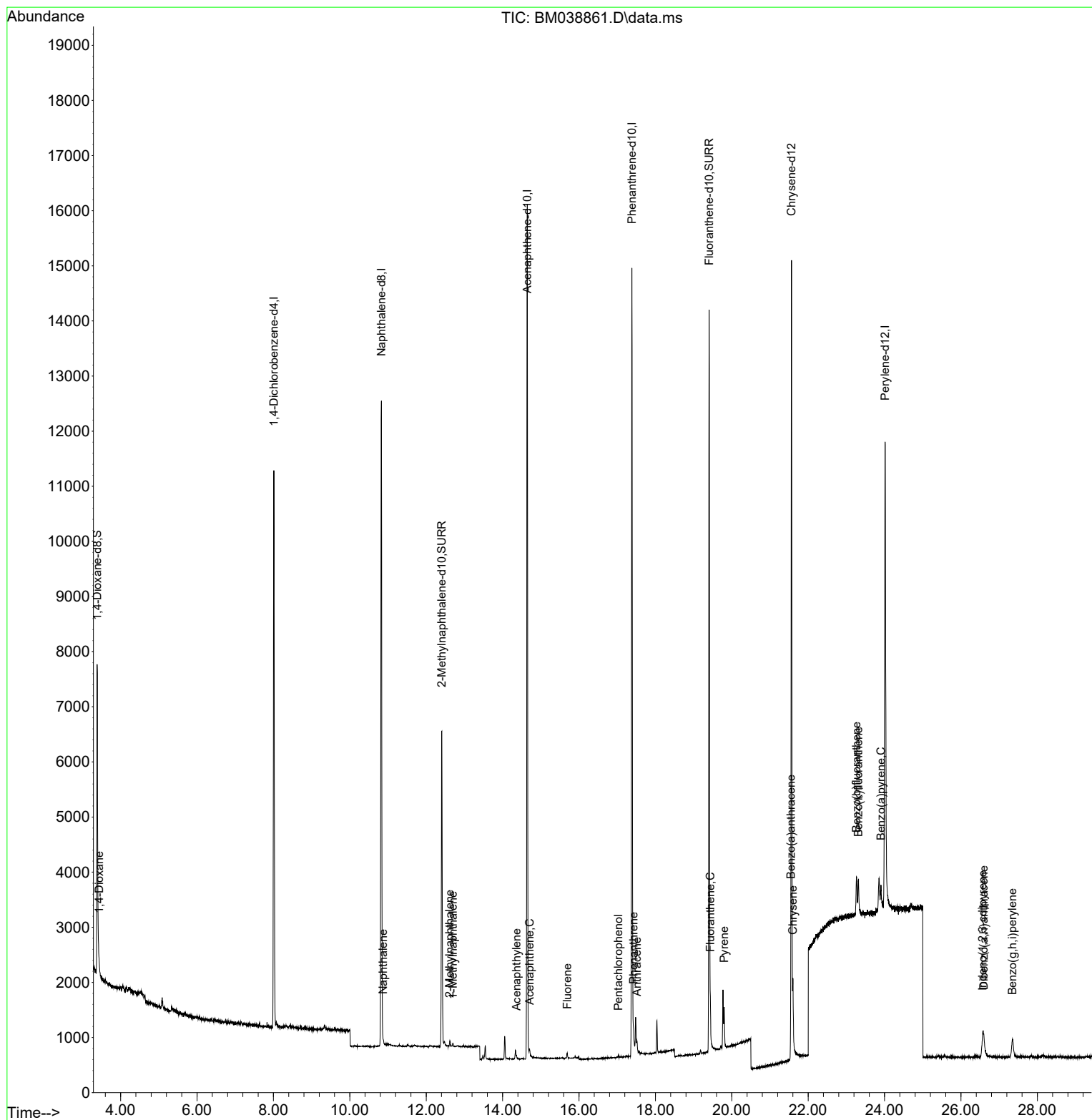
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.012	152	5018	0.400	ng/ul	0.00
4) Naphthalene-d8	10.826	136	16246	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.645	164	8389	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.386	188	17576	0.400	ng/ul	0.00
17) Chrysene-d12	21.563	240	13831	0.400	ng/ul	0.00
23) Perylene-d12	24.015	264	12578	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.384	96	4260	0.750	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.404	152	7509	0.382	ng/ul	0.00
18) Fluoranthene-d10	19.406	212	14844	0.451	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.434	88	101	0.018	ng/ul#	52
5) Naphthalene	10.870	128	86	0.002	ng/ul#	1
7) 2-Methylnaphthalene	12.613	142	8	0.000	ng/ul	87
8) 1-Methylnaphthalene	12.701	142	55	0.002	ng/ul	88
10) Acenaphthylene	14.363	152	72	0.002	ng/ul#	1
11) Acenaphthene	14.705	153	61	0.002	ng/ul#	79
12) Fluorene	15.695	166	71	0.003	ng/ul#	66
14) Pentachlorophenol	17.027	266	25	0.006	ng/ul#	85
15) Phenanthrene	17.428	178	216	0.005	ng/ul#	25
16) Anthracene	17.517	178	208	0.005	ng/ul#	12
19) Fluoranthene	19.439	202	623	0.013	ng/ul#	70
20) Pyrene	19.801	202	636	0.013	ng/ul#	73
21) Benzo(a)anthracene	21.545	228	773	0.020	ng/ul#	85
22) Chrysene	21.601	228	1081	0.023	ng/ul#	90
24) Benzo(b)fluoranthene	23.267	252	1007	0.020	ng/ul#	14
25) Benzo(k)fluoranthene	23.314	252	879	0.018	ng/ul#	10
26) Benzo(a)pyrene	23.907	252	708	0.018	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.567	276	755	0.015	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.593	278	620	0.016	ng/ul#	1
29) Benzo(g,h,i)perylene	27.345	276	780	0.017	ng/ul#	45

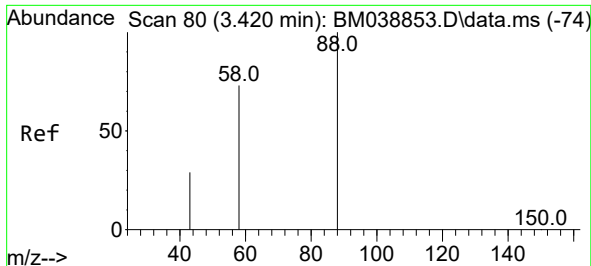
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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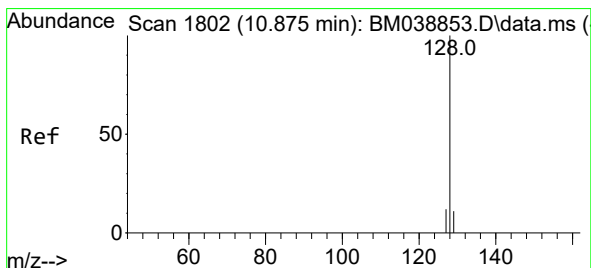
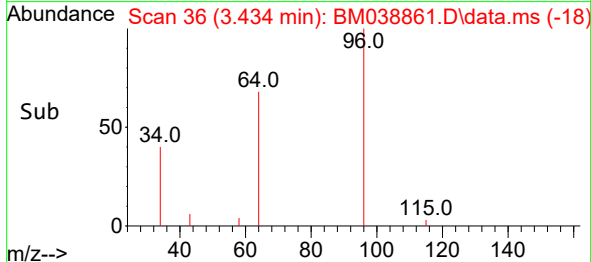
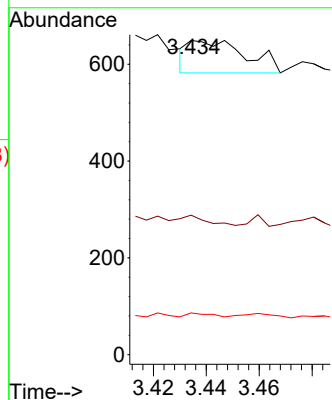
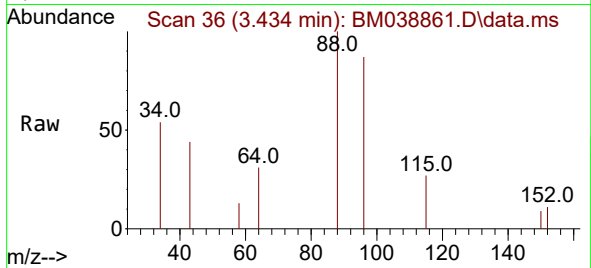




#2
1,4-Dioxane
Concen: 0.018 ng/ul
RT: 3.434 min Scan# 30
Delta R.T. 0.014 min
Lab File: BM038861.D
Acq: 03 Mar 2023 16:22

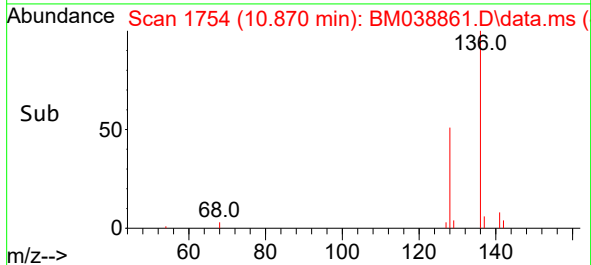
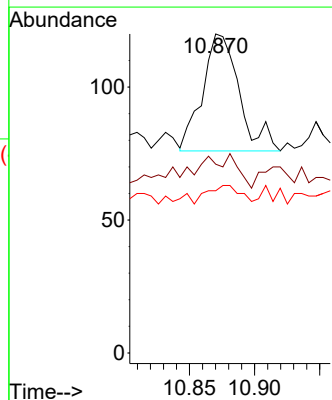
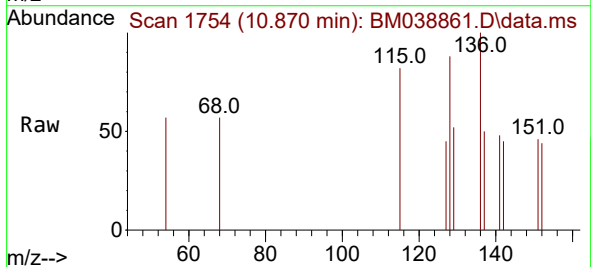
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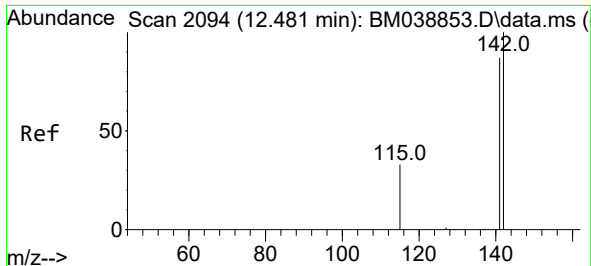
Tgt Ion: 88 Resp: 101
Ion Ratio Lower Upper
88 100
43 44.4 27.2 40.8#
58 13.3 50.8 76.2#



#5
Naphthalene
Concen: 0.002 ng/ul
RT: 10.870 min Scan# 1754
Delta R.T. -0.005 min
Lab File: BM038861.D
Acq: 03 Mar 2023 16:22

Tgt Ion: 128 Resp: 86
Ion Ratio Lower Upper
128 100
129 59.2 9.1 13.7#
127 50.8 10.3 15.5#

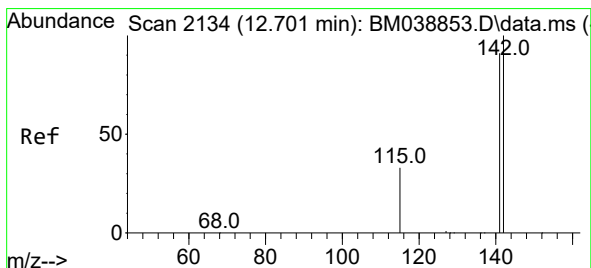
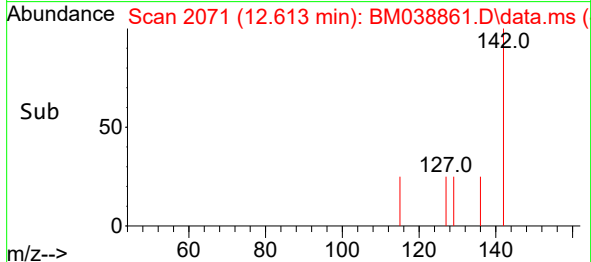
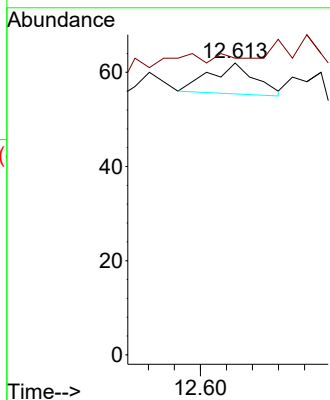
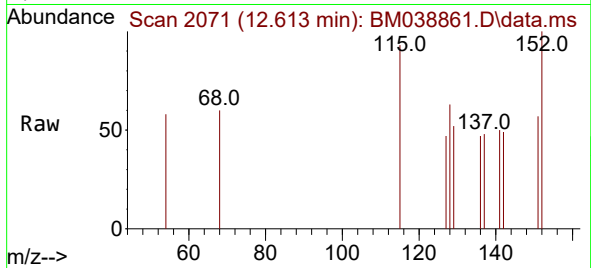




#7
2-Methylnaphthalene
Concen: 0.000 ng/ul
RT: 12.613 min Scan# 2071
Delta R.T. 0.133 min
Lab File: BM038861.D
Acq: 03 Mar 2023 16:22

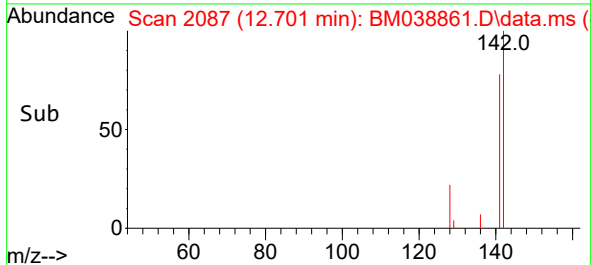
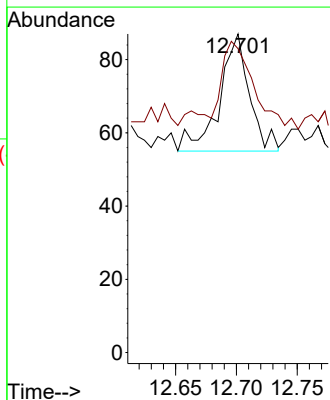
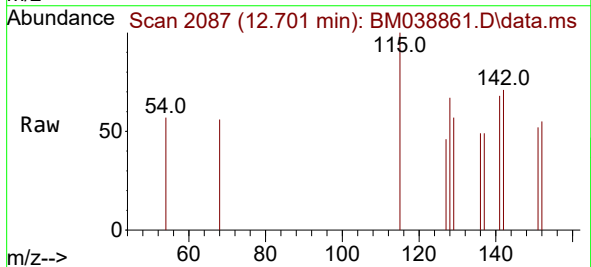
Instrument :
BNA_M
ClientSampleId :
SBLK956

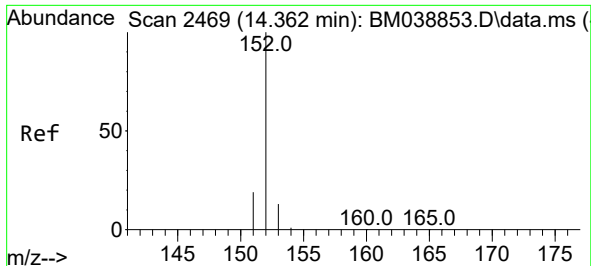
Tgt Ion:142 Resp: 8
Ion Ratio Lower Upper
142 100
141 75.0 69.9 104.9



#8
1-Methylnaphthalene
Concen: 0.002 ng/ul
RT: 12.701 min Scan# 2087
Delta R.T. 0.001 min
Lab File: BM038861.D
Acq: 03 Mar 2023 16:22

Tgt Ion:142 Resp: 55
Ion Ratio Lower Upper
142 100
141 80.0 73.5 110.3

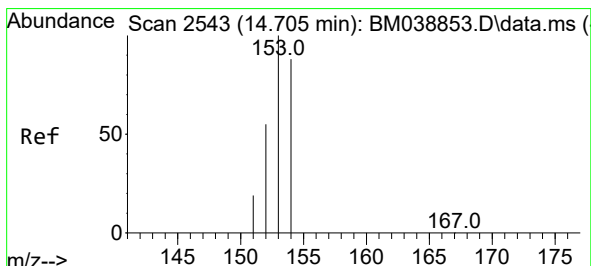
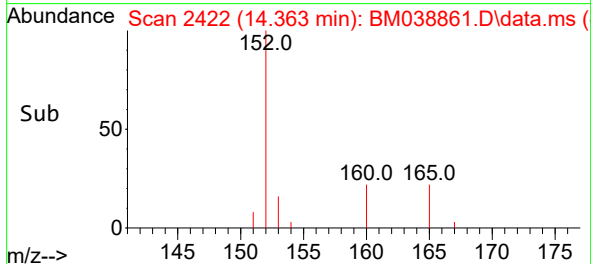
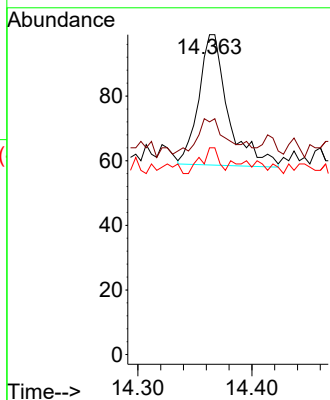
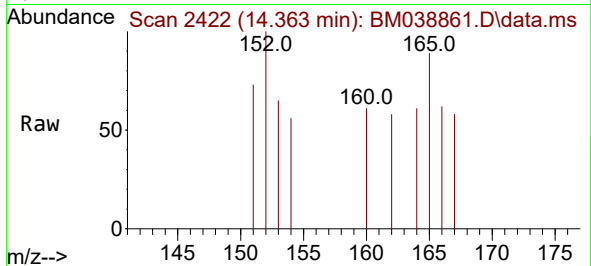




#10
Acenaphthylene
Concen: 0.002 ng/u1
RT: 14.363 min Scan# 2469
Delta R.T. 0.001 min
Lab File: BM038861.D
Acq: 03 Mar 2023 16:22

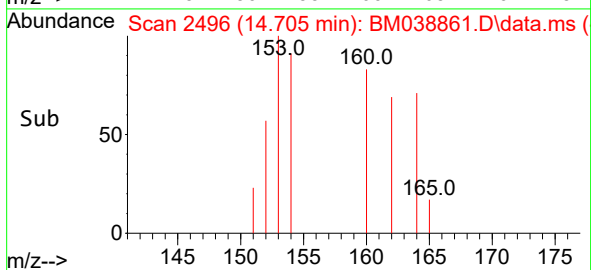
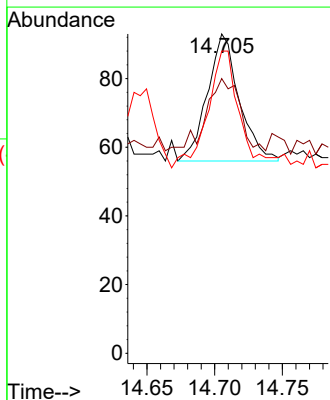
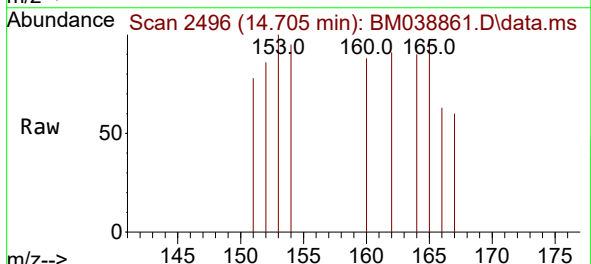
Instrument :
BNA_M
ClientSampleId :
SBLK956

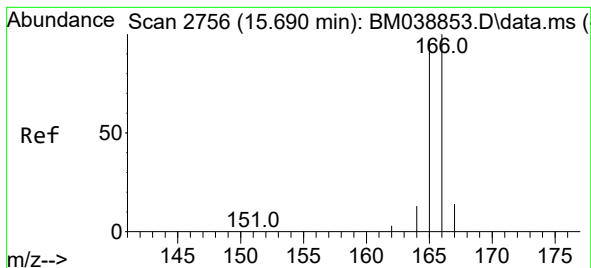
Tgt Ion:152 Resp: 72
Ion Ratio Lower Upper
152 100
151 72.7 15.6 23.4#
153 64.6 10.6 15.8#



#11
Acenaphthene
Concen: 0.002 ng/u1
RT: 14.705 min Scan# 2496
Delta R.T. 0.001 min
Lab File: BM038861.D
Acq: 03 Mar 2023 16:22

Tgt Ion:153 Resp: 61
Ion Ratio Lower Upper
153 100
152 86.0 44.2 66.2#
154 94.6 70.6 105.8





#12

Fluorene

Concen: 0.003 ng/ul

RT: 15.695 min Scan# 21

Delta R.T. 0.005 min

Lab File: BM038861.D

Acq: 03 Mar 2023 16:22

Instrument :

BNA_M

ClientSampleId :

SBLK956

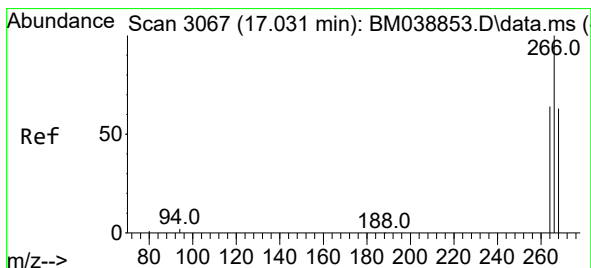
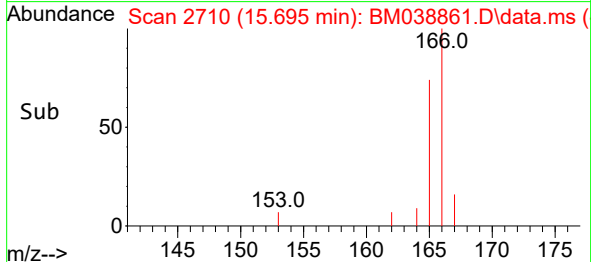
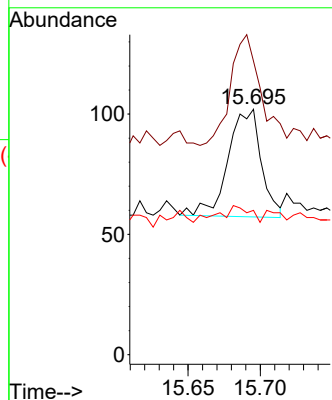
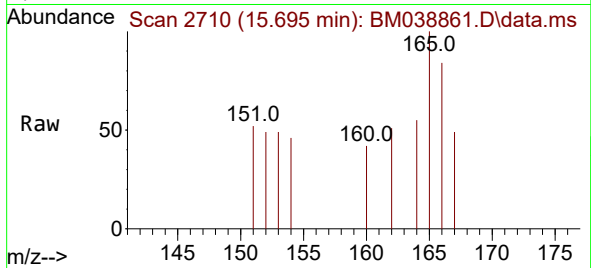
Tgt Ion:166 Resp: 71

Ion Ratio Lower Upper

166 100

165 119.6 77.8 116.6#

167 58.8 11.4 17.2#



#14

Pentachlorophenol

Concen: 0.006 ng/ul

RT: 17.027 min Scan# 3019

Delta R.T. -0.004 min

Lab File: BM038861.D

Acq: 03 Mar 2023 16:22

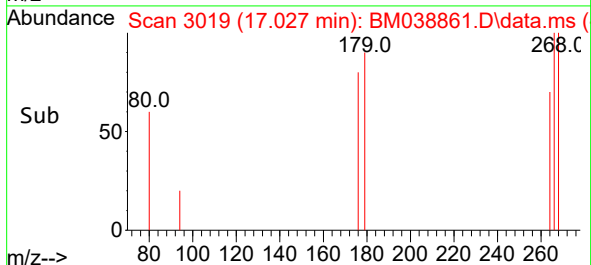
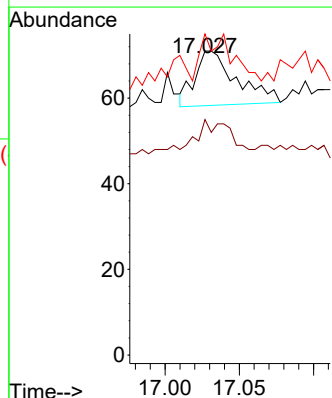
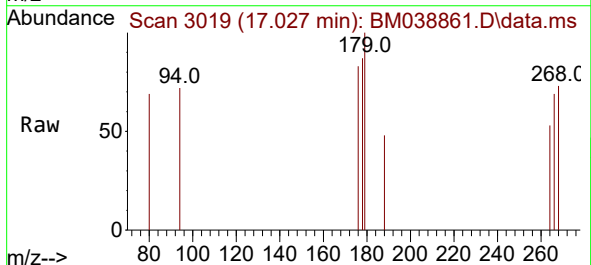
Tgt Ion:266 Resp: 25

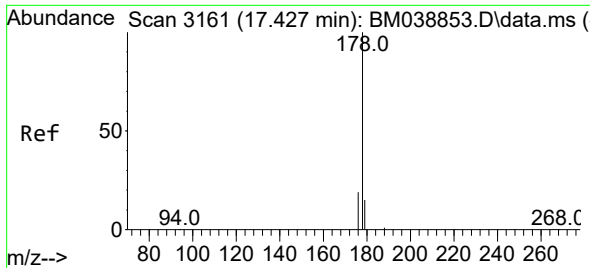
Ion Ratio Lower Upper

266 100

264 56.0 50.2 75.2

268 80.0 50.2 75.4#

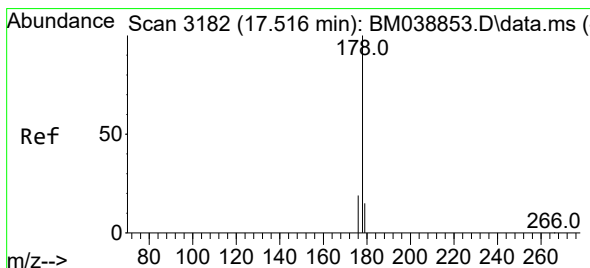
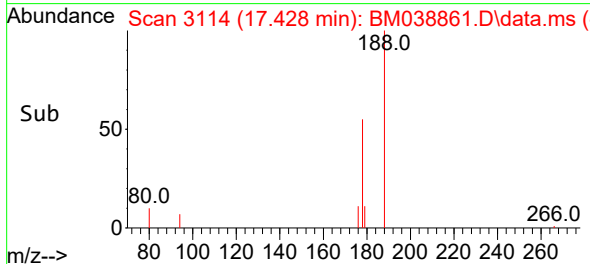
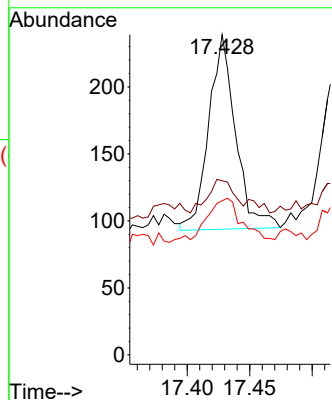
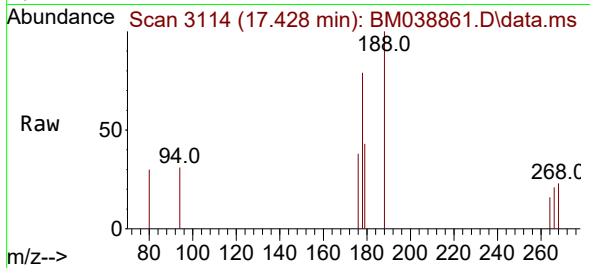




#15
 Phenanthrene
 Concen: 0.005 ng/ul
 RT: 17.428 min Scan# 3114
 Delta R.T. 0.001 min
 Lab File: BM038861.D
 Acq: 03 Mar 2023 16:22

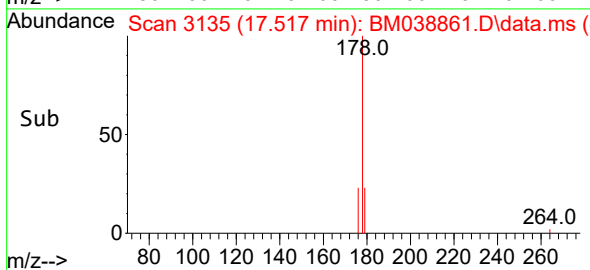
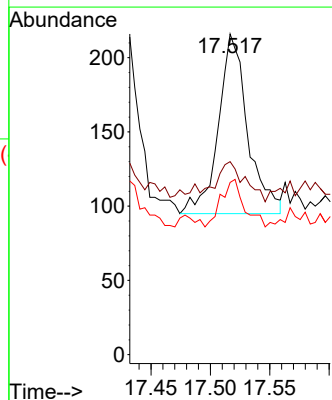
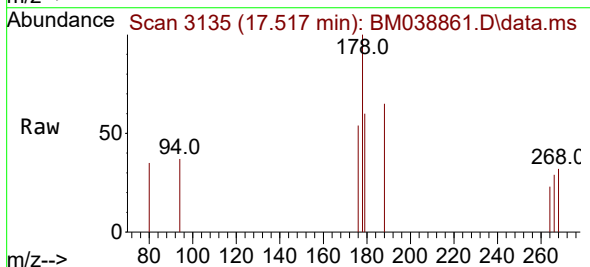
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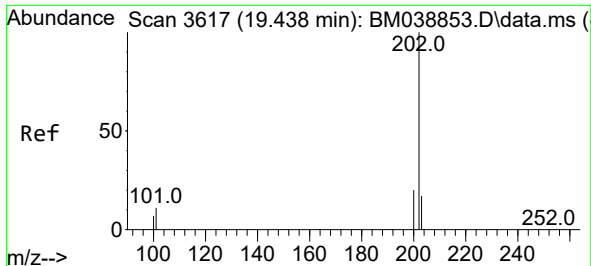
Tgt Ion:178 Resp: 216
 Ion Ratio Lower Upper
 178 100
 179 54.4 12.7 19.1#
 176 48.1 15.9 23.9#



#16
 Anthracene
 Concen: 0.005 ng/ul
 RT: 17.517 min Scan# 3135
 Delta R.T. 0.001 min
 Lab File: BM038861.D
 Acq: 03 Mar 2023 16:22

Tgt Ion:178 Resp: 208
 Ion Ratio Lower Upper
 178 100
 179 60.2 13.0 19.6#
 176 53.7 15.4 23.2#

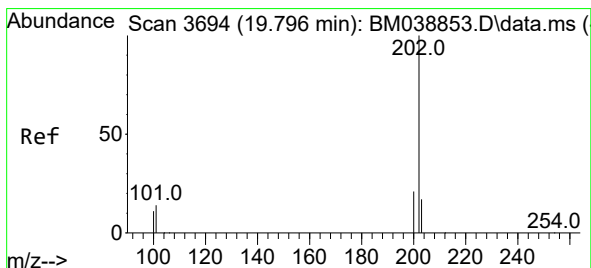
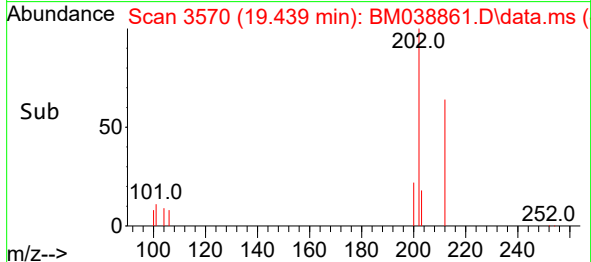
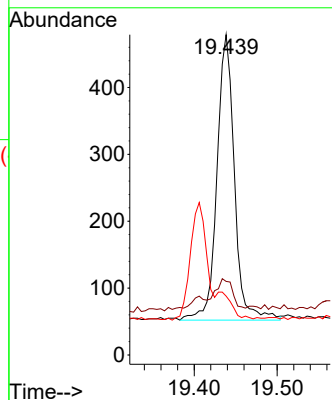
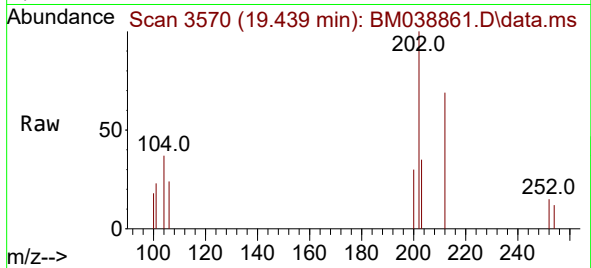




#19
Fluoranthene
Concen: 0.013 ng/ul
RT: 19.439 min Scan# 3570
Delta R.T. 0.001 min
Lab File: BM038861.D
Acq: 03 Mar 2023 16:22

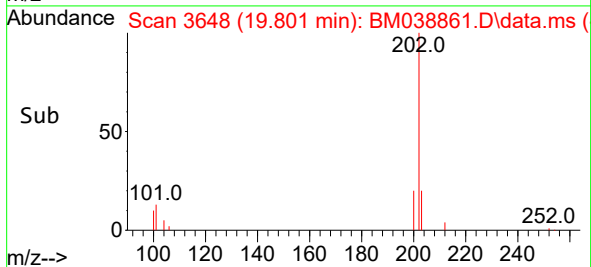
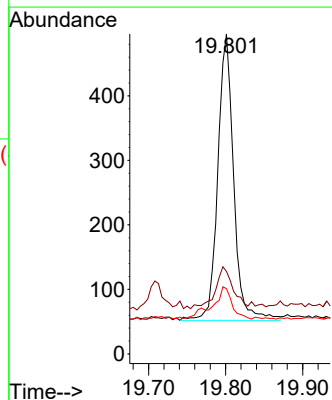
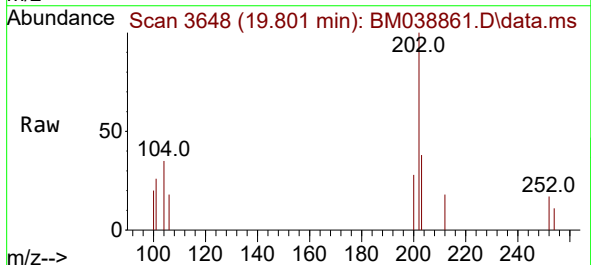
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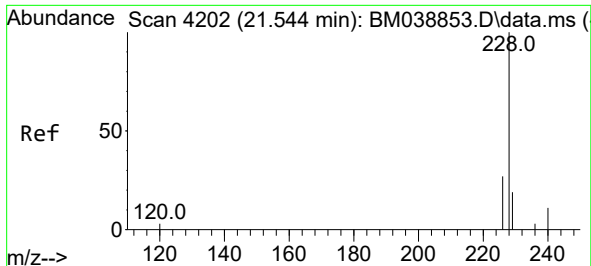
Tgt Ion:202 Resp: 623
Ion Ratio Lower Upper
202 100
101 23.0 8.9 13.3#
100 18.4 6.8 10.2#



#20
Pyrene
Concen: 0.013 ng/ul
RT: 19.801 min Scan# 3648
Delta R.T. 0.005 min
Lab File: BM038861.D
Acq: 03 Mar 2023 16:22

Tgt Ion:202 Resp: 636
Ion Ratio Lower Upper
202 100
101 25.8 11.2 16.8#
100 20.4 9.0 13.6#

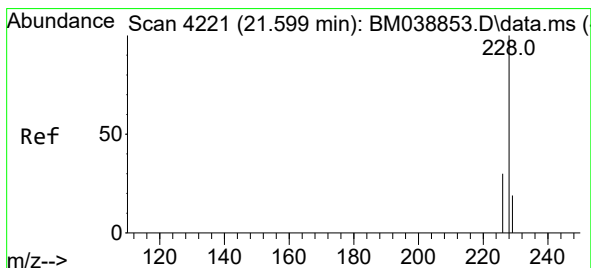
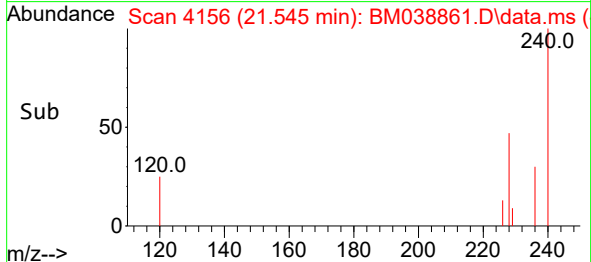
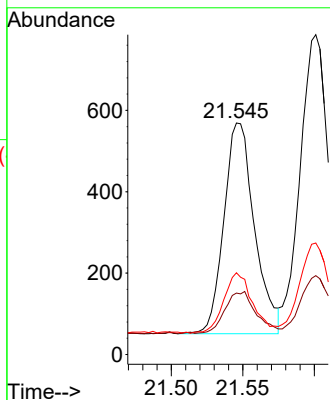
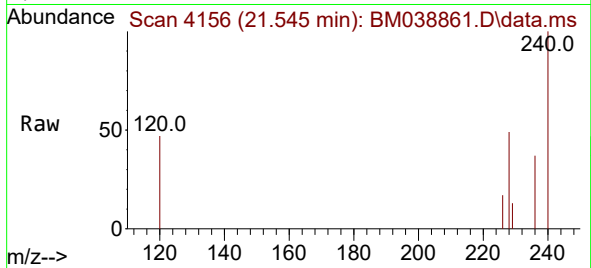




#21
Benzo(a)anthracene
Concen: 0.020 ng/ul
RT: 21.545 min Scan# 4156
Delta R.T. 0.002 min
Lab File: BM038861.D
Acq: 03 Mar 2023 16:22

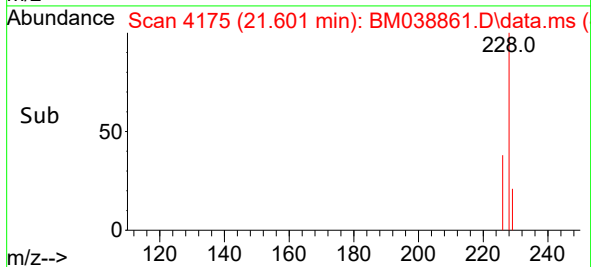
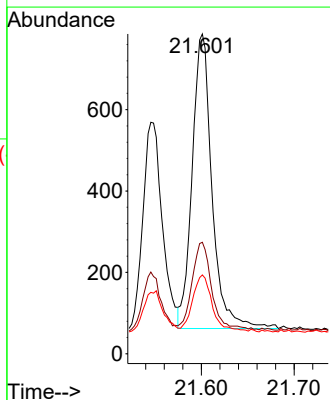
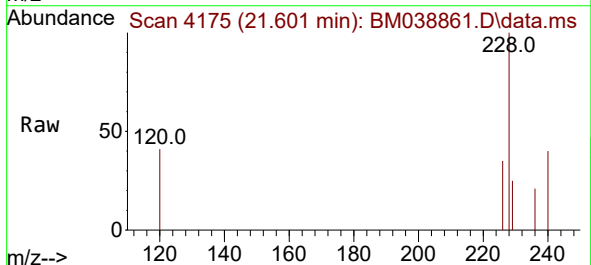
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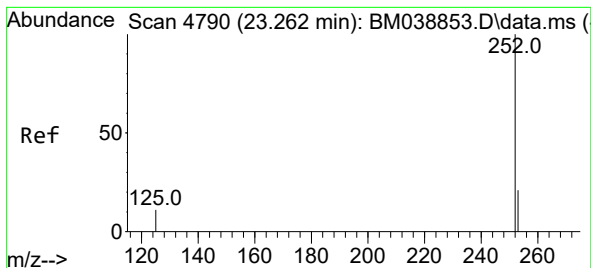
Tgt Ion:228 Resp: 773
Ion Ratio Lower Upper
228 100
229 26.5 15.6 23.4#
226 35.3 22.0 33.0#



#22
Chrysene
Concen: 0.023 ng/ul
RT: 21.601 min Scan# 4175
Delta R.T. 0.002 min
Lab File: BM038861.D
Acq: 03 Mar 2023 16:22

Tgt Ion:228 Resp: 1081
Ion Ratio Lower Upper
228 100
226 34.9 24.0 36.0
229 24.7 15.7 23.5#





#24

Benzo(b)fluoranthene

Concen: 0.020 ng/ul

RT: 23.267 min Scan# 41

Delta R.T. 0.005 min

Lab File: BM038861.D

Acq: 03 Mar 2023 16:22

Instrument :

BNA_M

ClientSampleId :

SBLK956

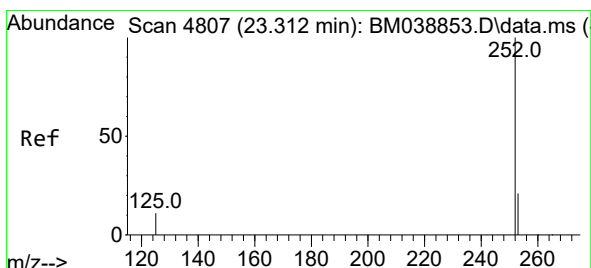
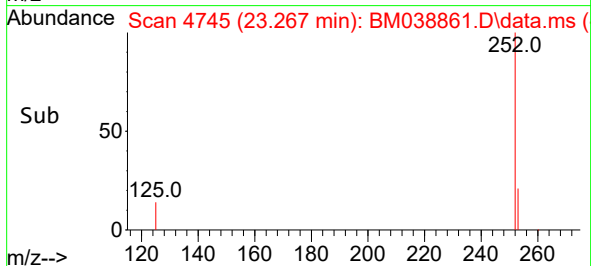
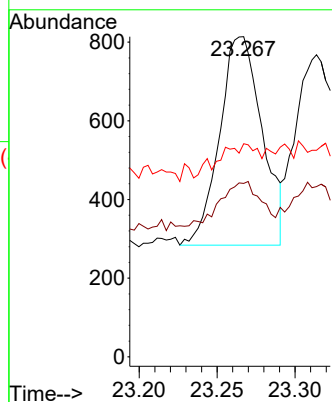
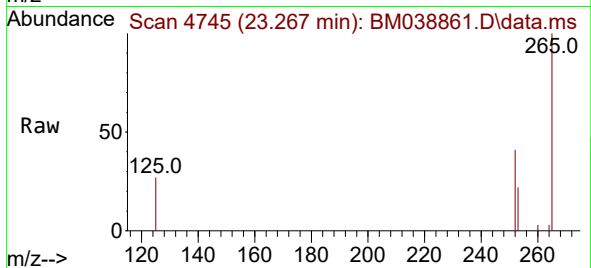
Tgt Ion:252 Resp: 1007

Ion Ratio Lower Upper

252 100

253 54.2 0.0 47.6#

125 66.6 0.0 29.2#



#25

Benzo(k)fluoranthene

Concen: 0.018 ng/ul

RT: 23.314 min Scan# 4761

Delta R.T. 0.002 min

Lab File: BM038861.D

Acq: 03 Mar 2023 16:22

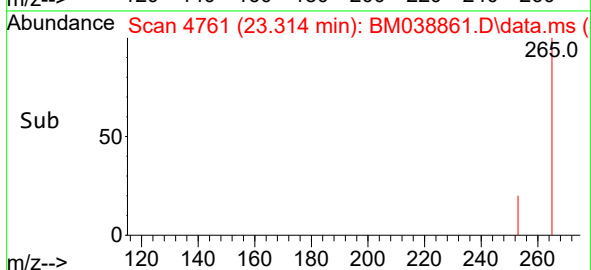
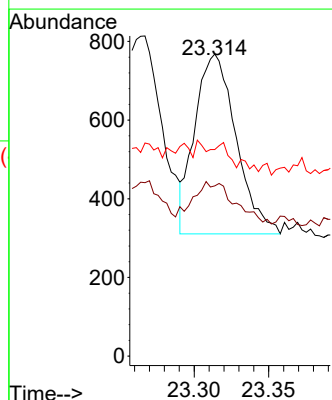
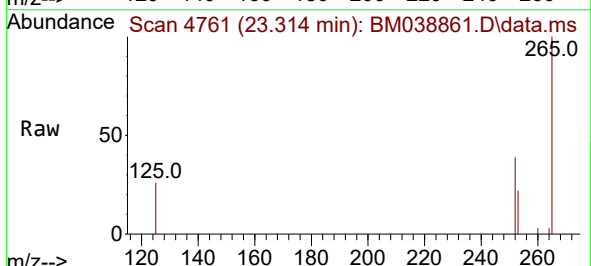
Tgt Ion:252 Resp: 879

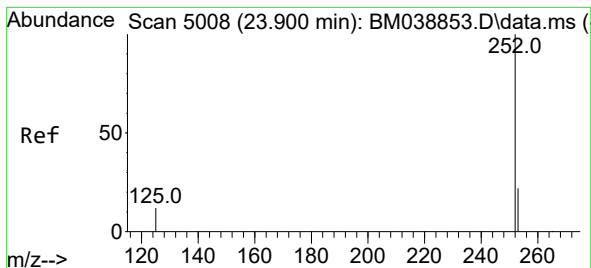
Ion Ratio Lower Upper

252 100

253 56.4 19.2 28.8#

125 68.4 11.8 17.6#





#26

Benzo(a)pyrene

Concen: 0.018 ng/ul

RT: 23.907 min Scan# 4964

Delta R.T. 0.008 min

Lab File: BM038861.D

Acq: 03 Mar 2023 16:22

Instrument :

BNA_M

ClientSampleId :

SBLK956

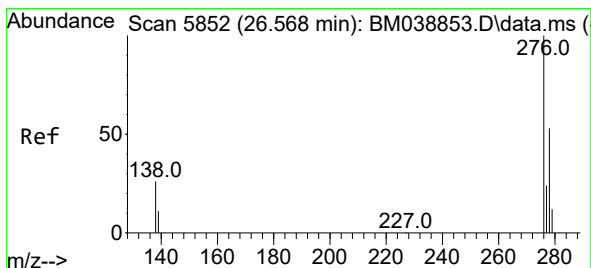
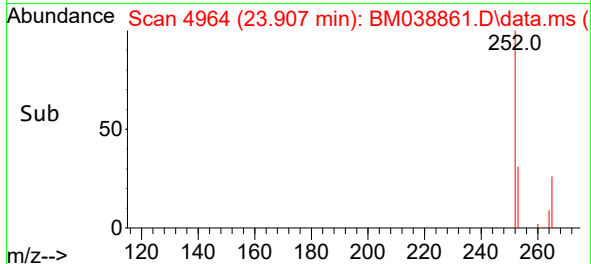
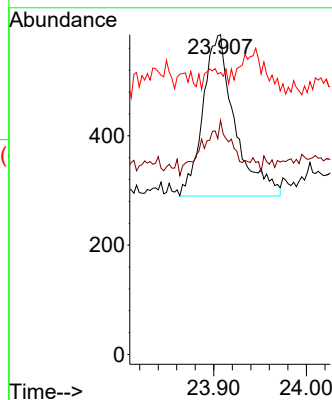
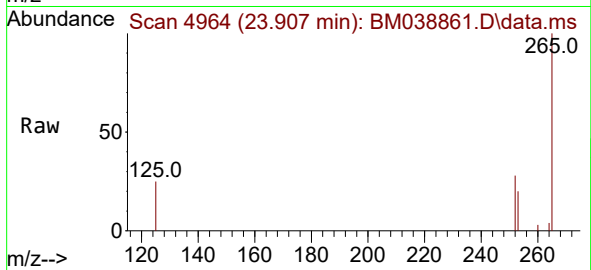
Tgt Ion:252 Resp: 708

Ion Ratio Lower Upper

252 100

253 73.2 20.3 30.5#

125 88.2 14.0 21.0#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.015 ng/ul

RT: 26.567 min Scan# 5805

Delta R.T. -0.001 min

Lab File: BM038861.D

Acq: 03 Mar 2023 16:22

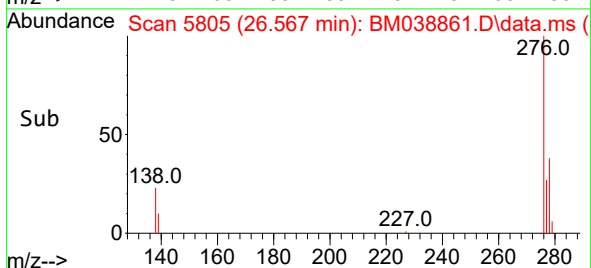
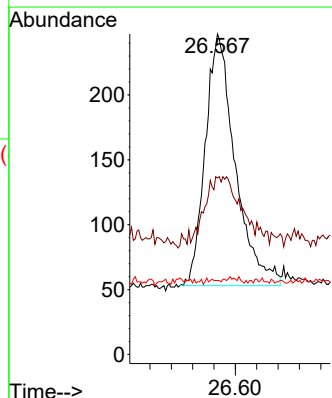
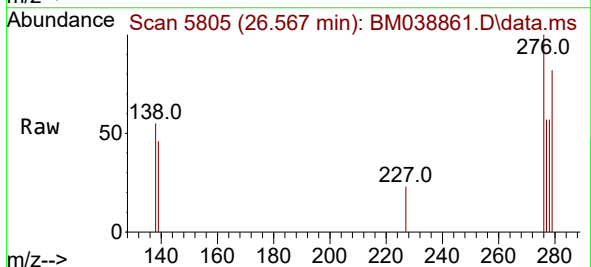
Tgt Ion:276 Resp: 755

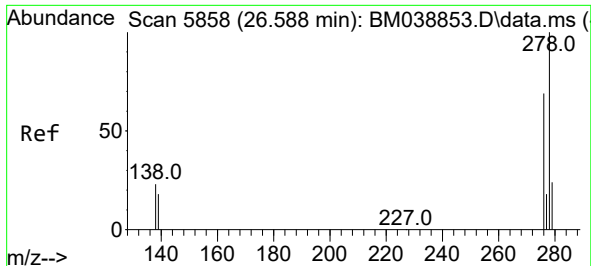
Ion Ratio Lower Upper

276 100

138 29.9 22.2 33.4

227 0.0 0.2 0.2#

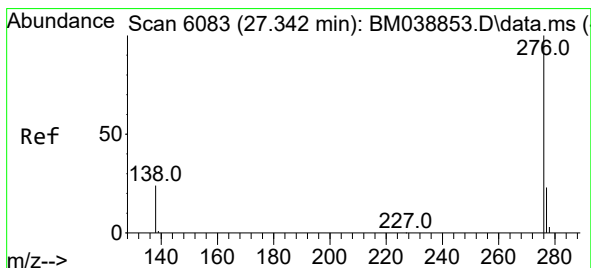
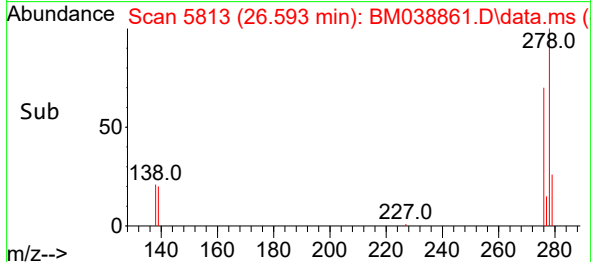
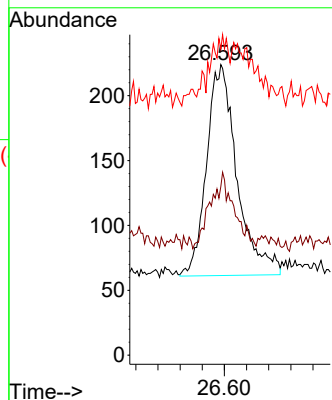
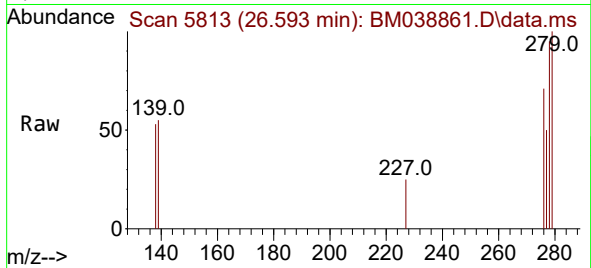




#28
Dibenzo(a,h)anthracene
Concen: 0.016 ng/ul
RT: 26.593 min Scan# 5813
Delta R.T. 0.006 min
Lab File: BM038861.D
Acq: 03 Mar 2023 16:22

Instrument :
BNA_M
ClientSampleId :
SBLK956

Tgt Ion:278 Resp: 620
Ion Ratio Lower Upper
278 100
139 58.0 16.0 24.0#
279 105.4 21.8 32.6#



#29
Benzo(g,h,i)perylene
Concen: 0.017 ng/ul
RT: 27.345 min Scan# 6037
Delta R.T. 0.002 min
Lab File: BM038861.D
Acq: 03 Mar 2023 16:22

Tgt Ion:276 Resp: 780
Ion Ratio Lower Upper
276 100
138 52.9 20.2 30.4#
277 52.5 19.8 29.8#

