

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071223\
 Data File : BM040844.D
 Acq On : 12 Jul 2023 19:53
 Operator : MA/JU
 Sample : 03414-17
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46E8

Quant Time: Jul 13 00:13:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 12 05:37:29 2023
 Response via : Initial Calibration

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

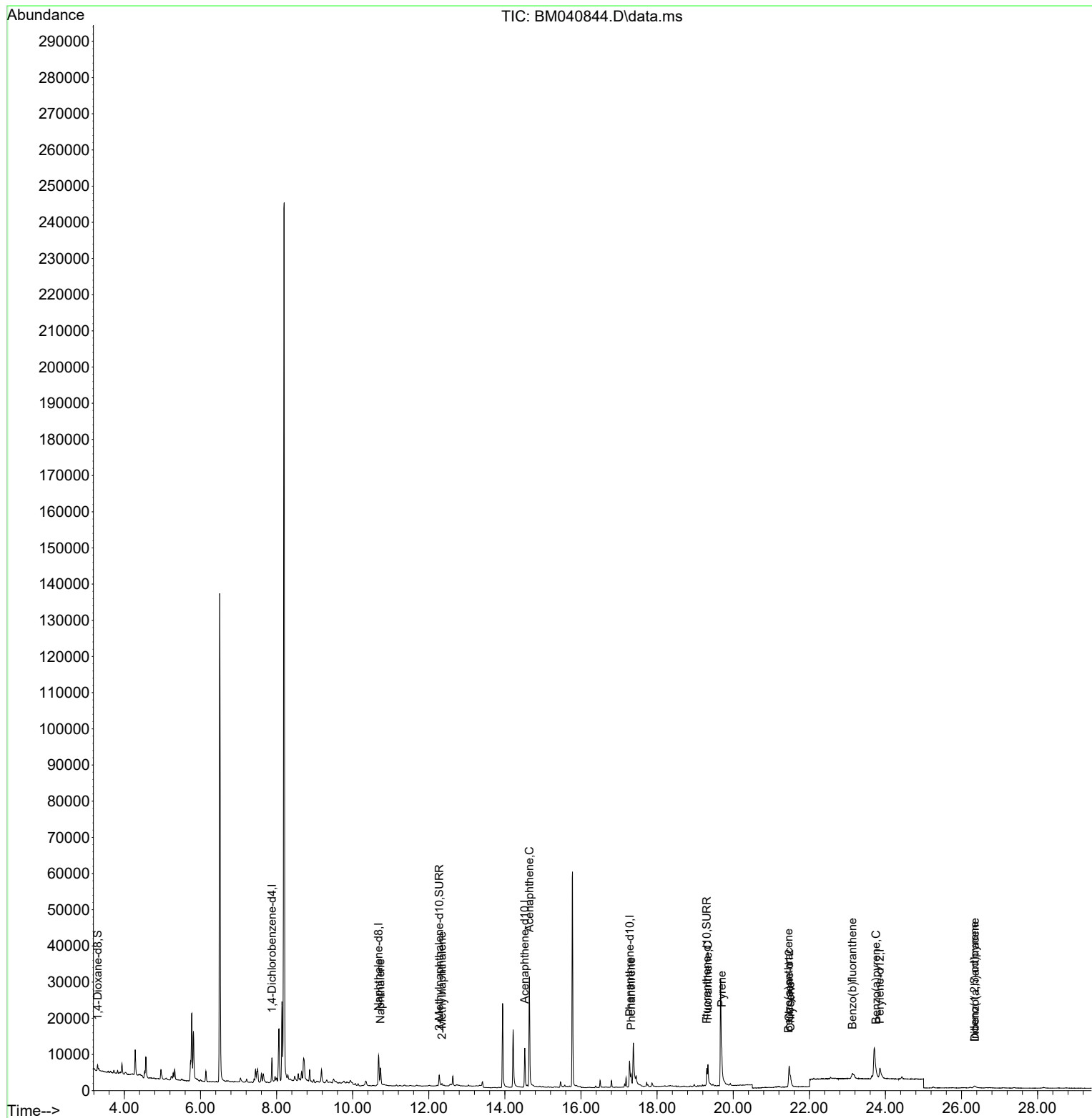
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.878	152	3560	0.400	ng/ul	0.00
4) Naphthalene-d8	10.680	136	13522	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.523	164	6359	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.278	188	11485	0.400	ng/ul	-0.01
17) Chrysene-d12	21.469	240	7282	0.400	ng/ul	-0.01
23) Perylene-d12	23.854	264	4736	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.296	96	1243	0.222	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.275	152	5212	0.275	ng/ul	-0.01
18) Fluoranthene-d10	19.306	212	7239	0.310	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.730	128	7382	0.198	ng/ul	97
7) 2-Methylnaphthalene	12.346	142	541	0.025	ng/ul	92
11) Acenaphthene	14.643	153	9016	0.376	ng/ul#	1
15) Phenanthrene	17.320	178	3845	0.108	ng/ul#	90
19) Fluoranthene	19.338	202	6204	0.201	ng/ul	97
20) Pyrene	19.701	202	6862	0.207	ng/ul#	93
21) Benzo(a)anthracene	21.454	228	2573	0.104	ng/ul#	77
22) Chrysene	21.504	228	2843	0.101	ng/ul#	86
24) Benzo(b)fluoranthene	23.135	252	2733	0.149	ng/ul#	28
26) Benzo(a)pyrene	23.754	252	1269	0.077	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.337	276	1388	0.060	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.354	278	420	0.023	ng/ul#	1

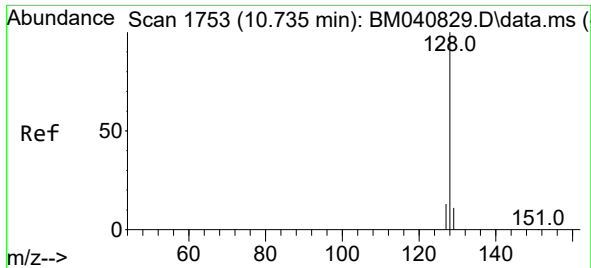
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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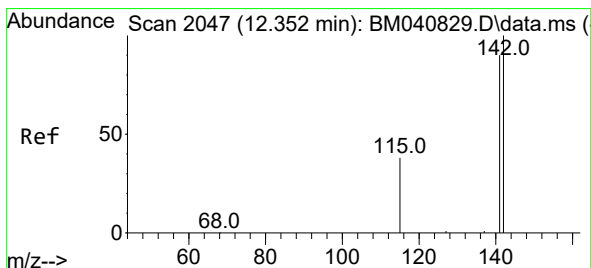
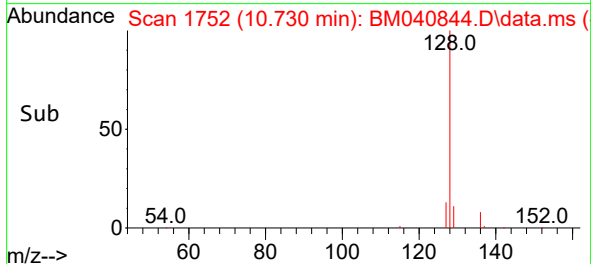
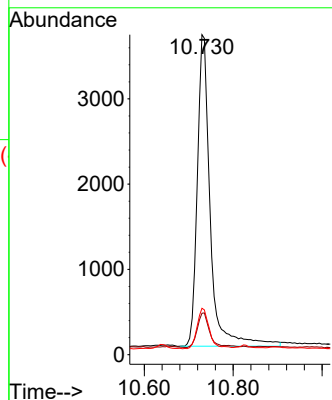
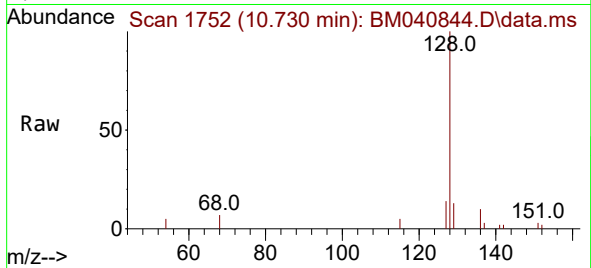




#5
Naphthalene
Concen: 0.198 ng/ul
RT: 10.730 min Scan# 1752
Delta R.T. -0.011 min
Lab File: BM040844.D
Acq: 12 Jul 2023 19:53

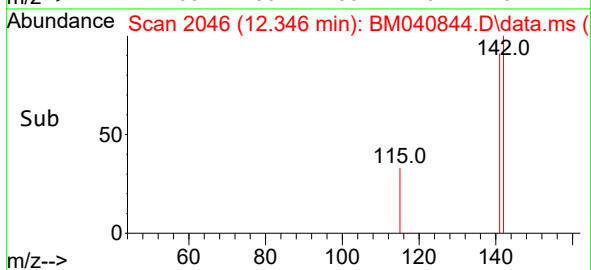
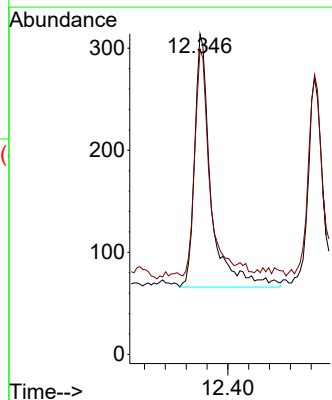
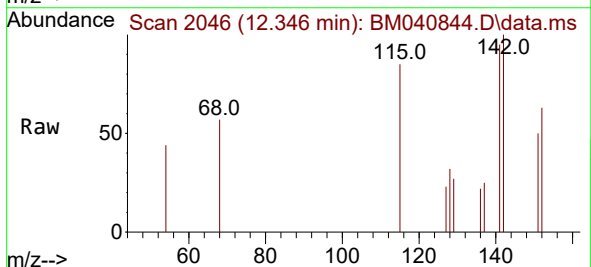
Instrument :
BNA_M
ClientSampleId :
A46E8

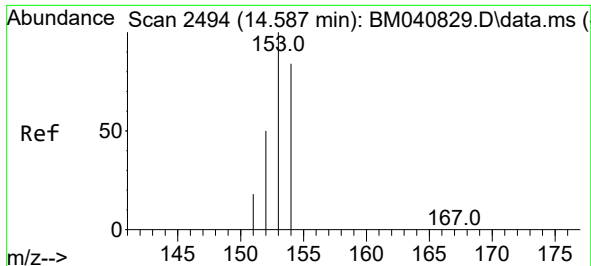
Tgt Ion:128 Resp: 7382
Ion Ratio Lower Upper
128 100
129 12.9 9.2 13.8
127 14.5 10.6 15.8



#7
2-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.346 min Scan# 2046
Delta R.T. -0.011 min
Lab File: BM040844.D
Acq: 12 Jul 2023 19:53

Tgt Ion:142 Resp: 541
Ion Ratio Lower Upper
142 100
141 82.8 71.9 107.9

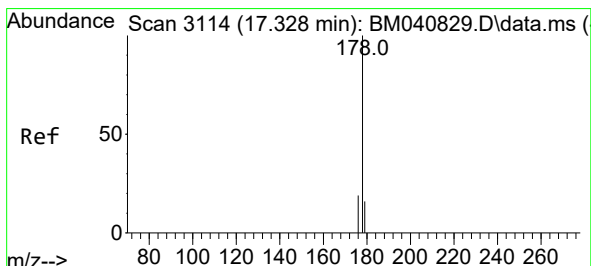
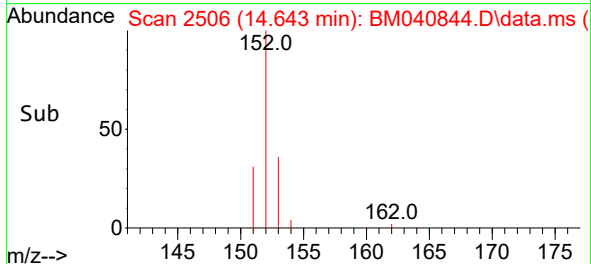
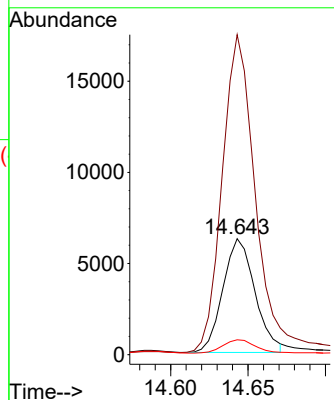
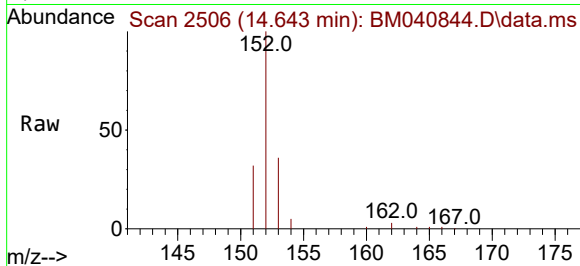




#11
Acenaphthene
Concen: 0.376 ng/ul
RT: 14.643 min Scan# 21
Delta R.T. 0.046 min
Lab File: BM040844.D
Acq: 12 Jul 2023 19:53

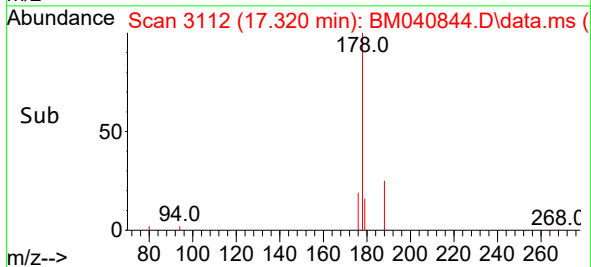
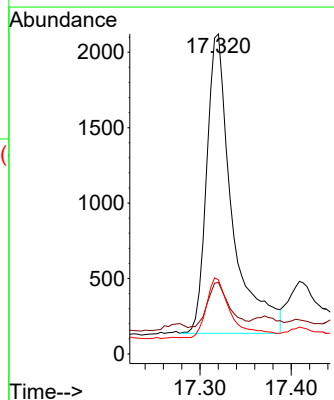
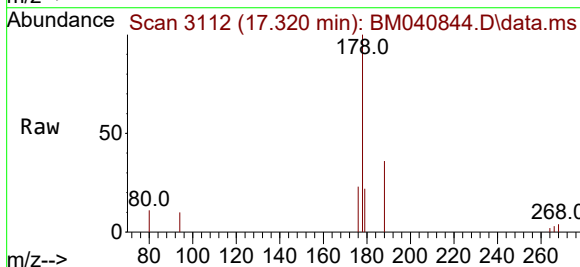
Instrument :
BNA_M
ClientSampleId :
A46E8

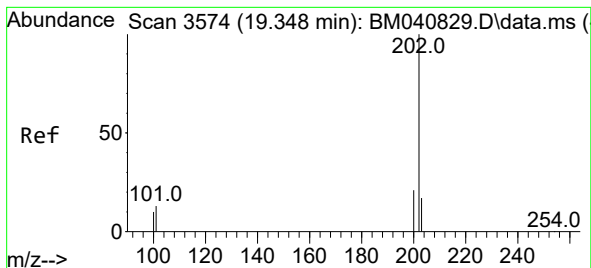
Tgt Ion:153 Resp: 9016
Ion Ratio Lower Upper
153 100
152 275.7 41.0 61.4#
154 12.8 70.8 106.2#



#15
Phenanthrene
Concen: 0.108 ng/ul
RT: 17.320 min Scan# 3112
Delta R.T. -0.013 min
Lab File: BM040844.D
Acq: 12 Jul 2023 19:53

Tgt Ion:178 Resp: 3845
Ion Ratio Lower Upper
178 100
179 22.3 12.8 19.2#
176 23.1 16.4 24.6





#19

Fluoranthene

Concen: 0.201 ng/ul

RT: 19.338 min Scan# 3

Delta R.T. -0.014 min

Lab File: BM040844.D

Acq: 12 Jul 2023 19:53

Instrument :

BNA_M

ClientSampleId :

A46E8

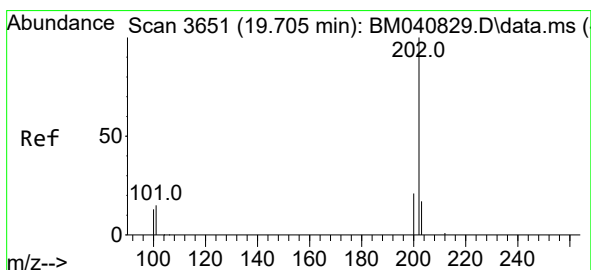
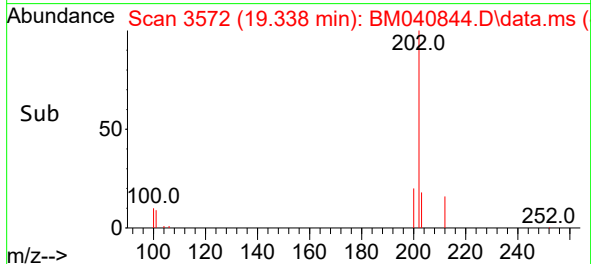
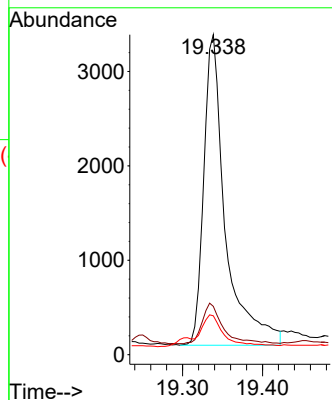
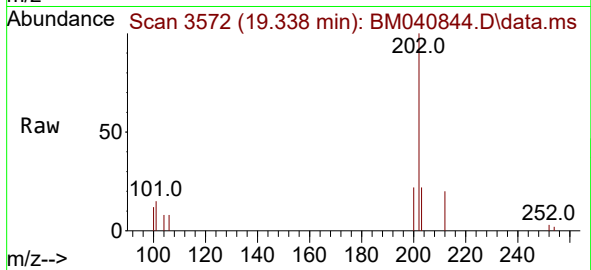
Tgt Ion:202 Resp: 6204

Ion Ratio Lower Upper

202 100

101 15.1 11.4 17.0

100 12.2 8.7 13.1



#20

Pyrene

Concen: 0.207 ng/ul

RT: 19.701 min Scan# 3650

Delta R.T. -0.009 min

Lab File: BM040844.D

Acq: 12 Jul 2023 19:53

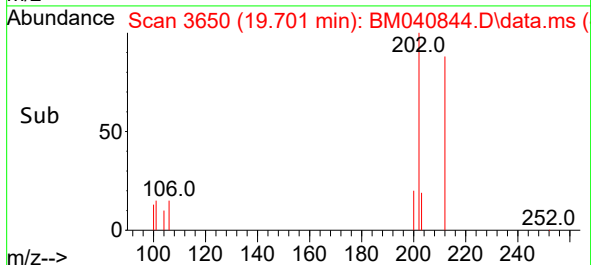
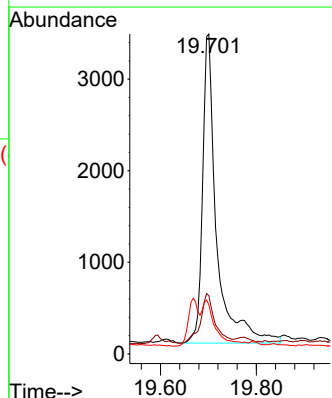
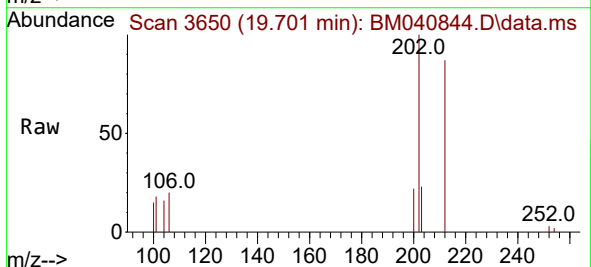
Tgt Ion:202 Resp: 6862

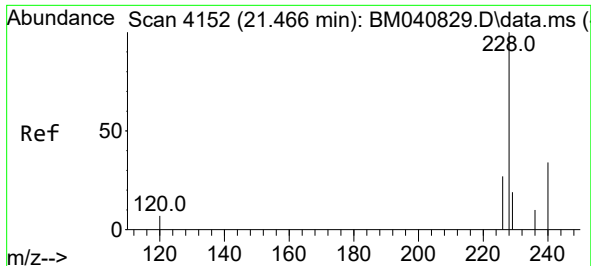
Ion Ratio Lower Upper

202 100

101 18.2 12.6 18.8

100 15.4 9.8 14.6#

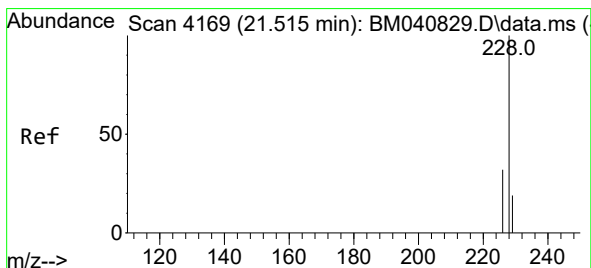
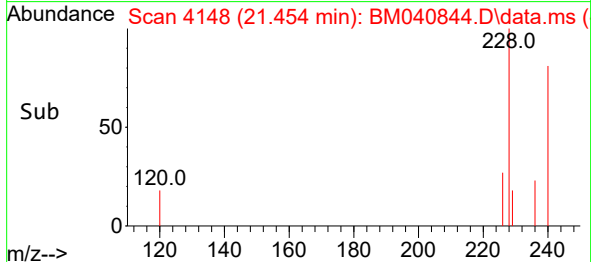
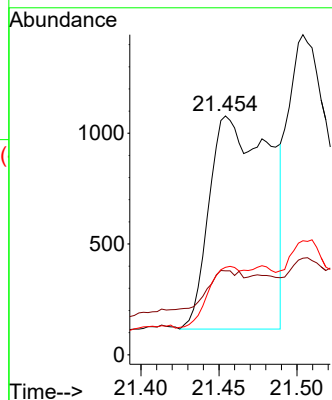
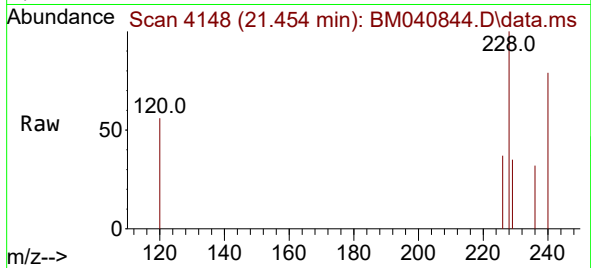




#21
Benzo(a)anthracene
Concen: 0.104 ng/ul
RT: 21.454 min Scan# 4152
Delta R.T. -0.015 min
Lab File: BM040844.D
Acq: 12 Jul 2023 19:53

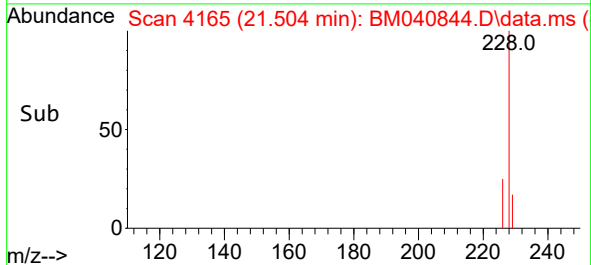
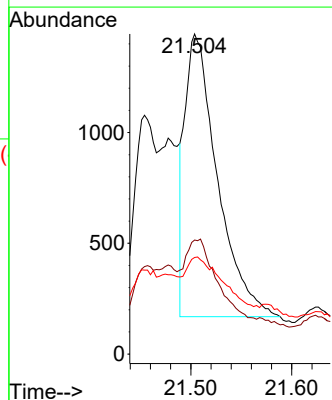
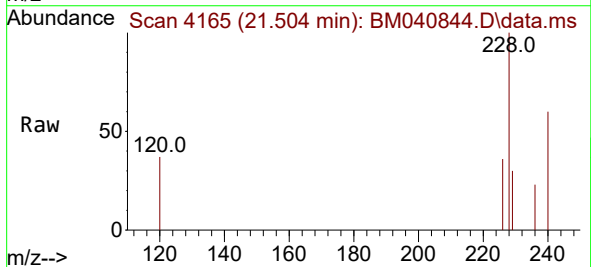
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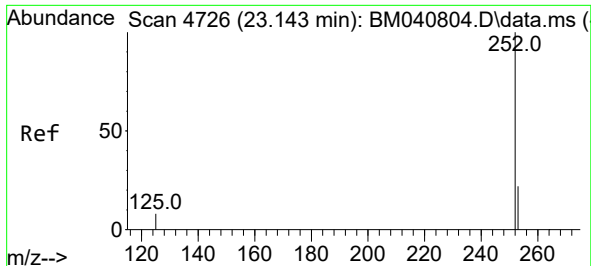
Tgt Ion:228 Resp: 2573
Ion Ratio Lower Upper
228 100
229 35.2 16.0 24.0#
226 36.6 22.3 33.5#



#22
Chrysene
Concen: 0.101 ng/ul
RT: 21.504 min Scan# 4165
Delta R.T. -0.012 min
Lab File: BM040844.D
Acq: 12 Jul 2023 19:53

Tgt Ion:228 Resp: 2843
Ion Ratio Lower Upper
228 100
226 35.6 24.9 37.3
229 30.2 15.8 23.6#

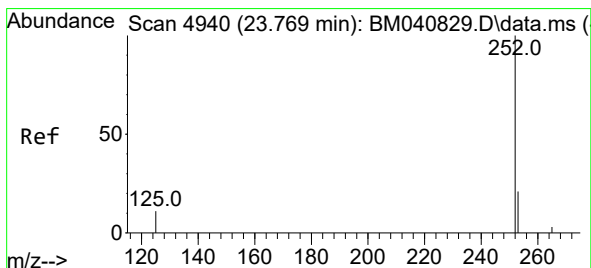
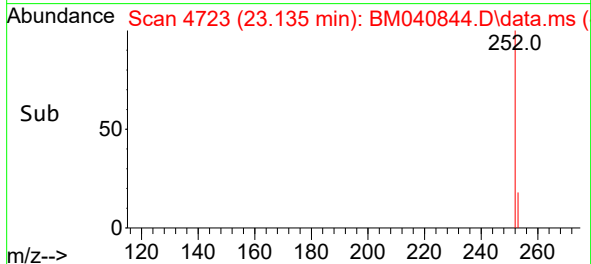
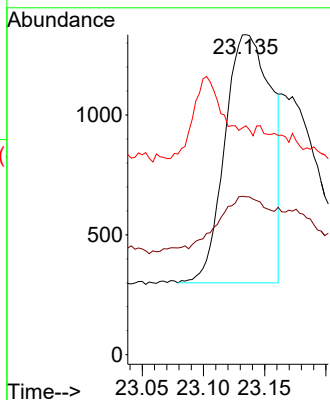
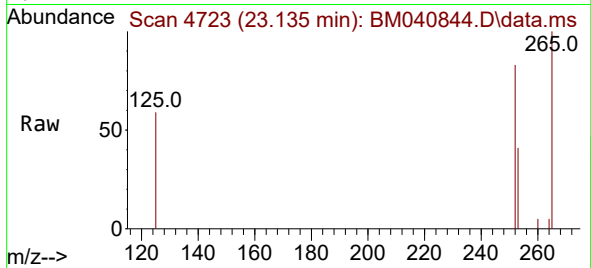




#24
Benzo(b)fluoranthene
Concen: 0.149 ng/ul
RT: 23.135 min Scan# 41
Delta R.T. -0.009 min
Lab File: BM040844.D
Acq: 12 Jul 2023 19:53

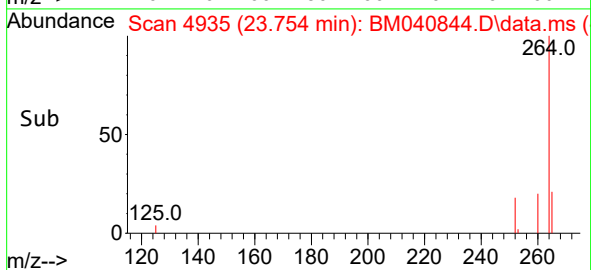
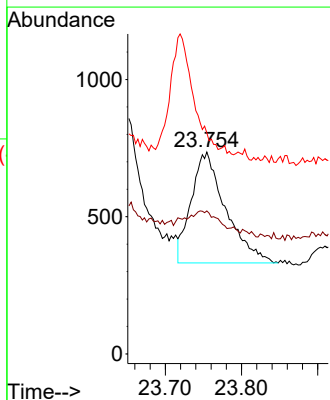
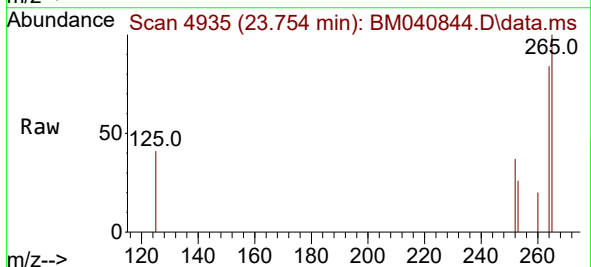
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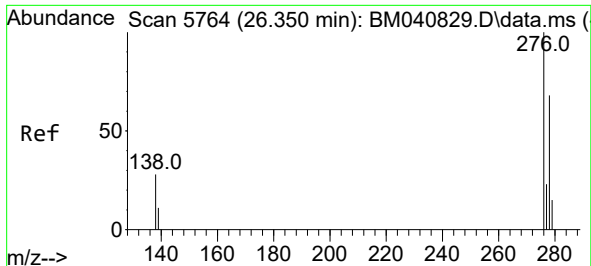
Tgt Ion:252 Resp: 2733
Ion Ratio Lower Upper
252 100
253 49.4 0.0 52.8
125 71.5 0.0 43.0#



#26
Benzo(a)pyrene
Concen: 0.077 ng/ul
RT: 23.754 min Scan# 4935
Delta R.T. -0.018 min
Lab File: BM040844.D
Acq: 12 Jul 2023 19:53

Tgt Ion:252 Resp: 1269
Ion Ratio Lower Upper
252 100
253 70.8 22.9 34.3#
125 109.5 21.0 31.4#

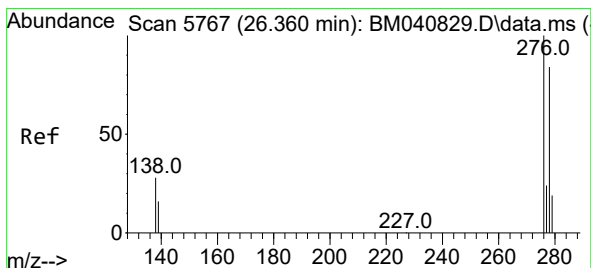
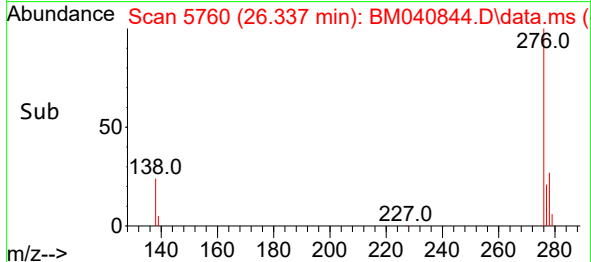
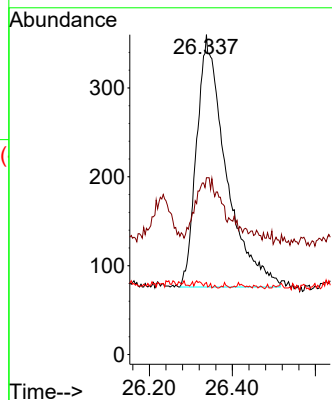
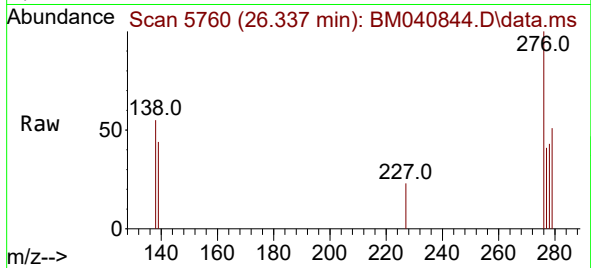




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.060 ng/ul
RT: 26.337 min Scan# 5760
Delta R.T. -0.027 min
Lab File: BM040844.D
Acq: 12 Jul 2023 19:53

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:276 Resp: 1388
Ion Ratio Lower Upper
276 100
138 22.8 24.5 36.7#
227 0.2 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 0.023 ng/ul
RT: 26.354 min Scan# 5765
Delta R.T. -0.020 min
Lab File: BM040844.D
Acq: 12 Jul 2023 19:53

Tgt Ion:278 Resp: 420
Ion Ratio Lower Upper
278 100
139 98.8 17.9 26.9#
279 114.4 22.0 33.0#

