

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
 Data File : BM040886.D
 Acq On : 14 Jul 2023 19:30
 Operator : MA/JU
 Sample : 03437-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46H4

Quant Time: Jul 15 03:59:47 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 : Sat Jul 15 03:58:02 2023
 Response via : Initial Calibration

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

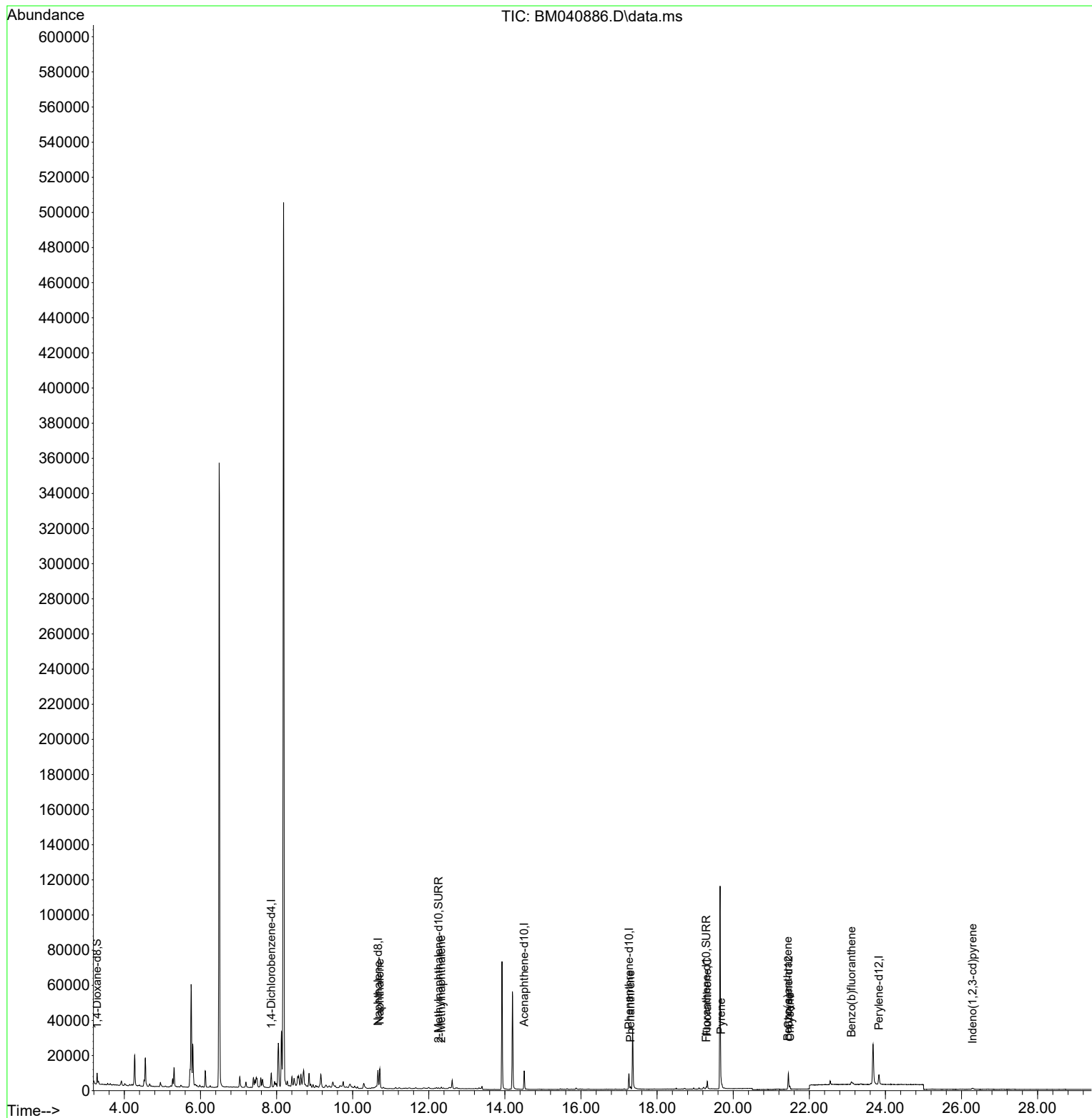
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.862	152	4032	0.400	ng/ul	0.00
4) Naphthalene-d8	10.664	136	13071	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.509	164	5742	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.261	188	10578	0.400	ng/ul	0.00
17) Chrysene-d12	21.451	240	8290	0.400	ng/ul #	0.00
23) Perylene-d12	23.831	264	7544	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	3619	0.571	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.258	152	665	0.036	ng/ul	0.00
18) Fluoranthene-d10	19.292	212	1148	0.043	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.713	128	14953	0.415	ng/ul	99
7) 2-Methylnaphthalene	12.330	142	656	0.031	ng/ul	97
15) Phenanthrene	17.299	178	1510	0.046	ng/ul#	86
19) Fluoranthene	19.320	202	3779	0.107	ng/ul	96
20) Pyrene	19.682	202	3274	0.087	ng/ul#	92
21) Benzo(a)anthracene	21.434	228	1074	0.038	ng/ul#	85
22) Chrysene	21.489	228	1875	0.059	ng/ul#	90
24) Benzo(b)fluoranthene	23.105	252	2432	0.083	ng/ul#	30
27) Indeno(1,2,3-cd)pyrene	26.290	276	1123	0.031	ng/ul#	88

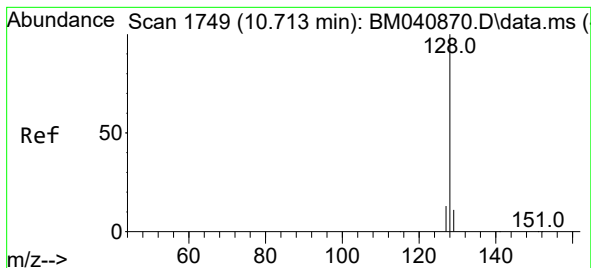
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.415 ng/ul

RT: 10.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM040886.D

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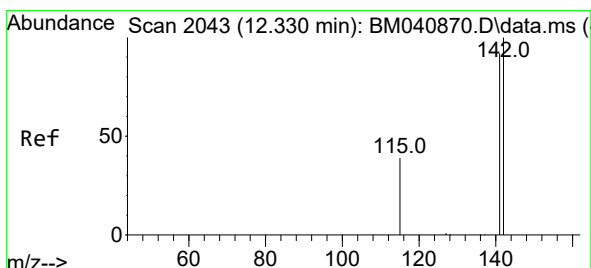
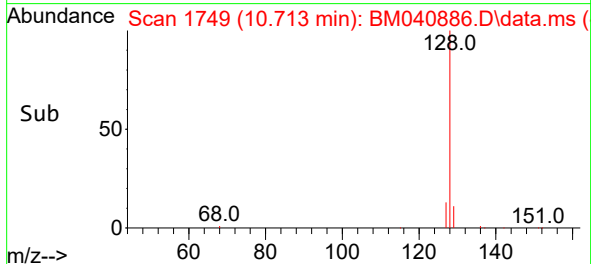
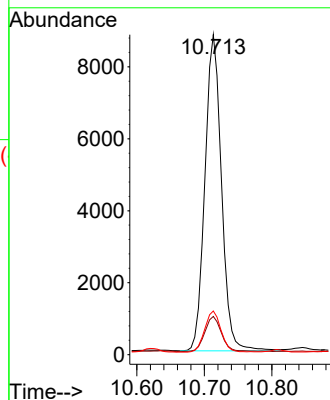
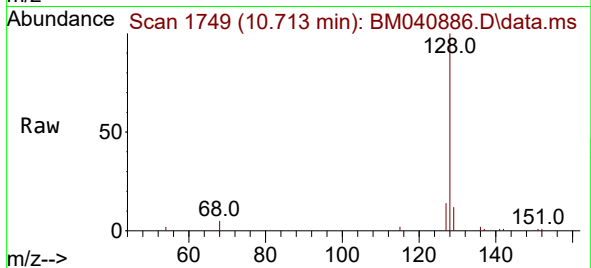
Tgt Ion:128 Resp: 14953

Ion Ratio Lower Upper

128 100

129 11.9 9.2 13.8

127 13.6 10.6 15.8



#7

2-Methylnaphthalene

Concen: 0.031 ng/ul

RT: 12.330 min Scan# 2043

Delta R.T. 0.000 min

Lab File: BM040886.D

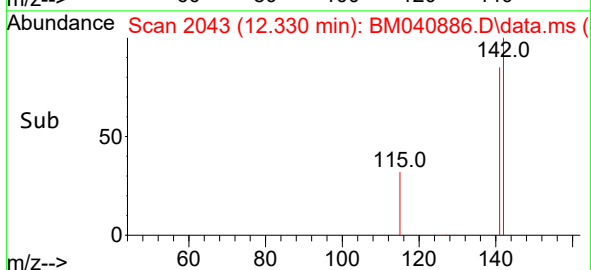
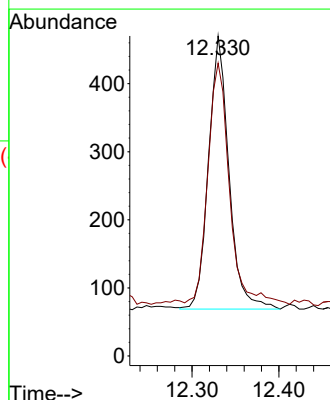
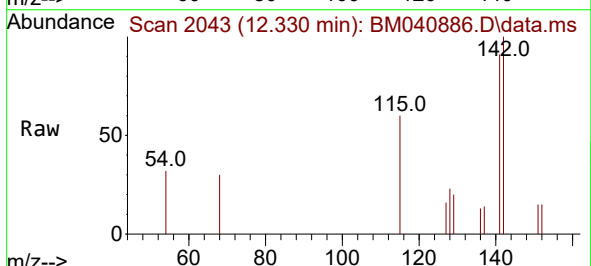
Acq: 14 Jul 2023 19:30

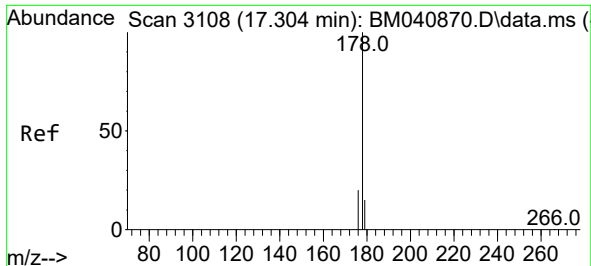
Tgt Ion:142 Resp: 656

Ion Ratio Lower Upper

142 100

141 92.8 71.9 107.9

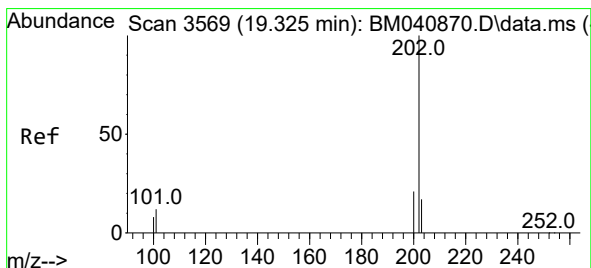
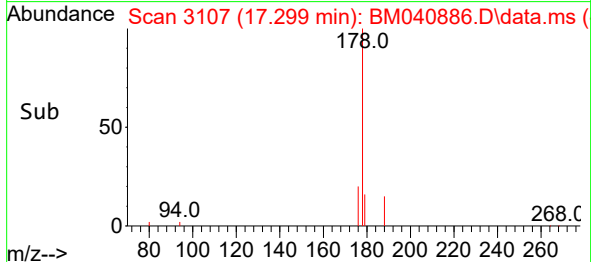
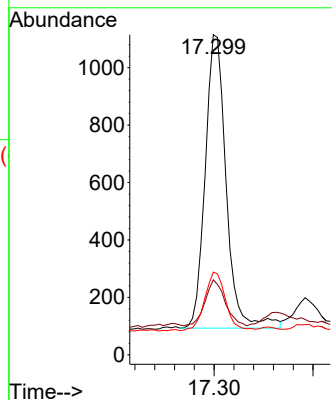
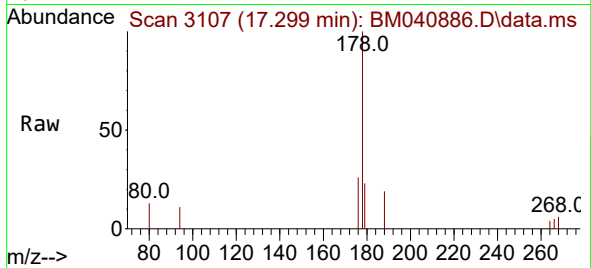




#15
Phenanthrene
Concen: 0.046 ng/ul
RT: 17.299 min Scan# 3107
Delta R.T. -0.004 min
Lab File: BM040886.D
Acq: 14 Jul 2023 19:30

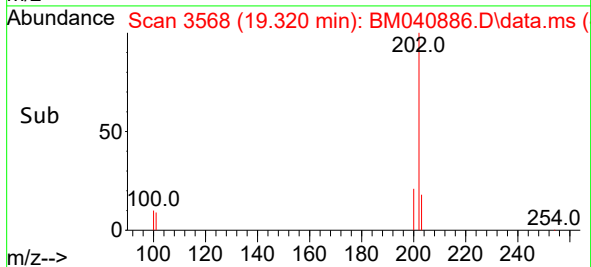
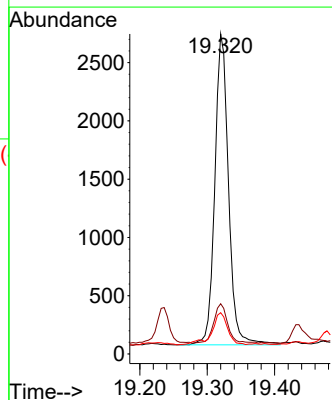
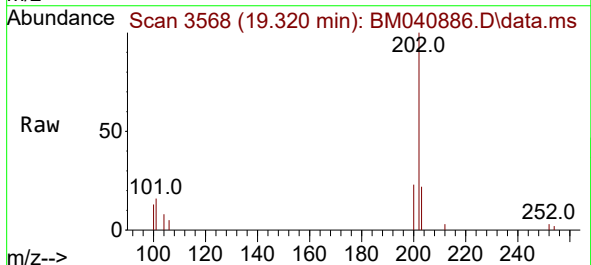
Instrument :
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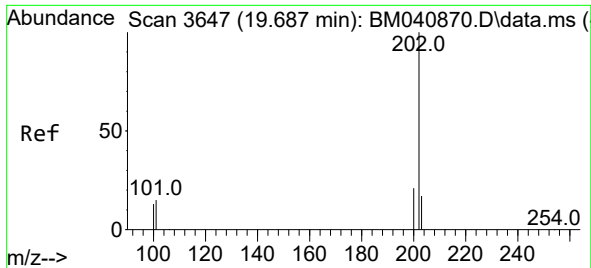
Tgt Ion:178 Resp: 1510
Ion Ratio Lower Upper
178 100
179 23.4 12.8 19.2#
176 25.8 16.4 24.6#



#19
Fluoranthene
Concen: 0.107 ng/ul
RT: 19.320 min Scan# 3568
Delta R.T. -0.005 min
Lab File: BM040886.D
Acq: 14 Jul 2023 19:30

Tgt Ion:202 Resp: 3779
Ion Ratio Lower Upper
202 100
101 15.7 11.4 17.0
100 12.9 8.7 13.1

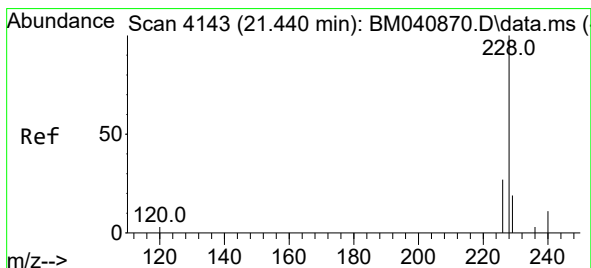
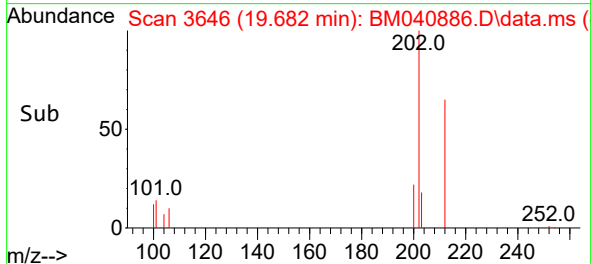
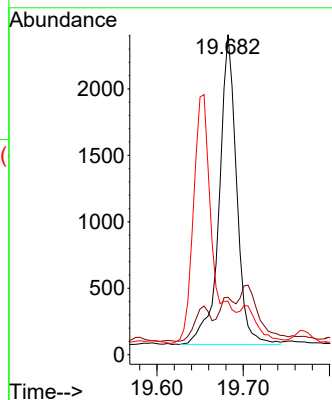
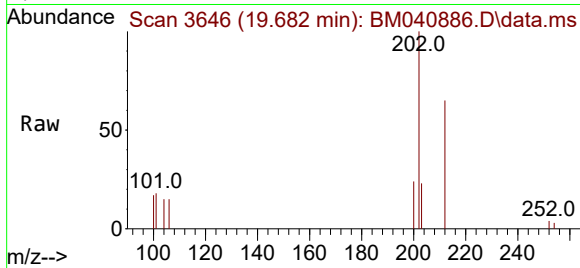




#20
Pyrene
Concen: 0.087 ng/ul
RT: 19.682 min Scan# 30
Delta R.T. -0.005 min
Lab File: BM040886.D
Acq: 14 Jul 2023 19:30

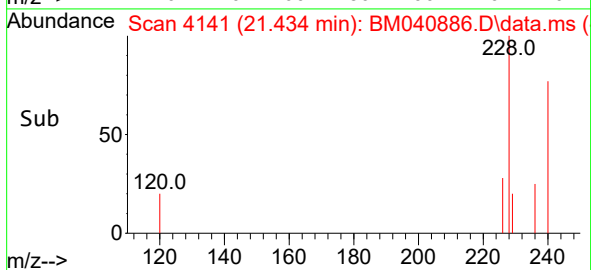
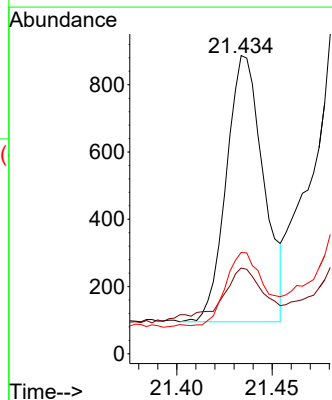
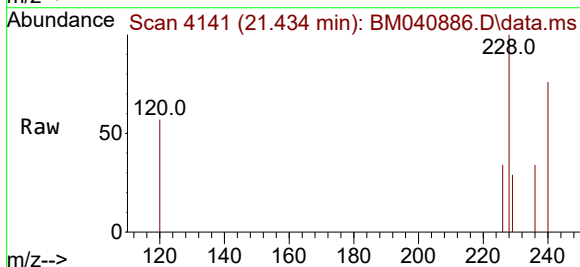
Instrument :
BNA_M
ClientSampleId :
A46H4

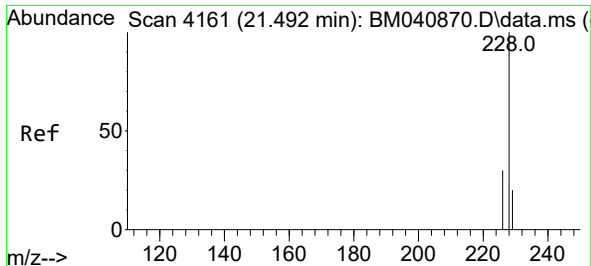
Tgt Ion:202 Resp: 3274
Ion Ratio Lower Upper
202 100
101 18.0 12.6 18.8
100 16.7 9.8 14.6#



#21
Benzo(a)anthracene
Concen: 0.038 ng/ul
RT: 21.434 min Scan# 4141
Delta R.T. 0.000 min
Lab File: BM040886.D
Acq: 14 Jul 2023 19:30

Tgt Ion:228 Resp: 1074
Ion Ratio Lower Upper
228 100
229 28.7 16.0 24.0#
226 33.9 22.3 33.5#





#22

Chrysene

Concen: 0.059 ng/ul

RT: 21.489 min Scan# 41

Delta R.T. 0.003 min

Lab File: BM040886.D

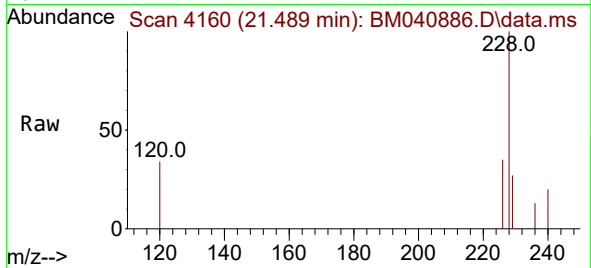
Acq: 14 Jul 2023 19:30

Instrument :

BNA_M

ClientSampleId :

A46H4



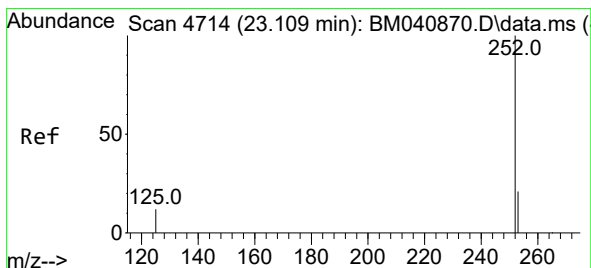
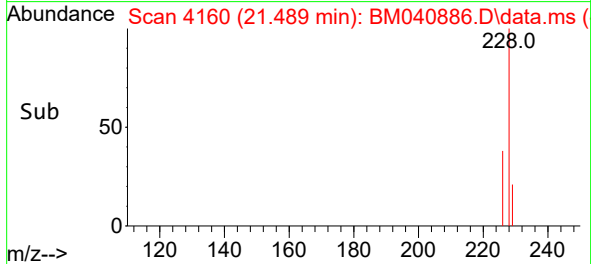
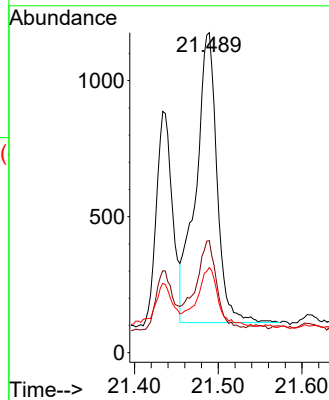
Tgt Ion:228 Resp: 1875

Ion Ratio Lower Upper

228 100

226 35.0 24.9 37.3

229 26.6 15.8 23.6#



#24

Benzo(b)fluoranthene

Concen: 0.083 ng/ul

RT: 23.105 min Scan# 4713

Delta R.T. 0.003 min

Lab File: BM040886.D

Acq: 14 Jul 2023 19:30

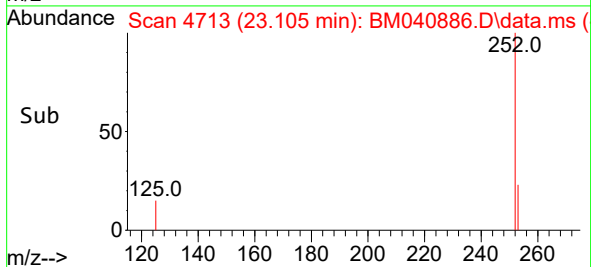
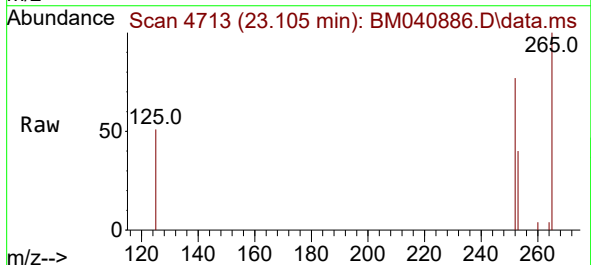
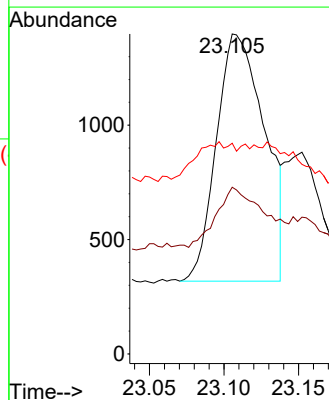
Tgt Ion:252 Resp: 2432

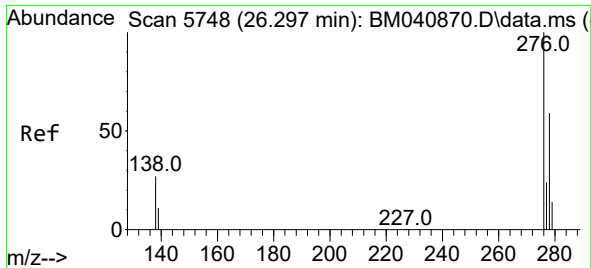
Ion Ratio Lower Upper

252 100

253 52.1 0.0 52.8

125 65.8 0.0 43.0#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.031 ng/ul
 RT: 26.290 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: BM040886.D
 Acq: 14 Jul 2023 19:30

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion: 276 Resp: 1123
 Ion Ratio Lower Upper
 276 100
 138 24.0 24.5 36.7#
 227 0.8 0.1 0.1#

