

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040623\
 Data File : BM039328.D
 Acq On : 06 Apr 2023 22:24
 Operator : CG/JU
 Sample : 02092-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB971

Quant Time: Apr 07 02:17:51 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 23:58:10 2023
 Response via : Initial Calibration

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

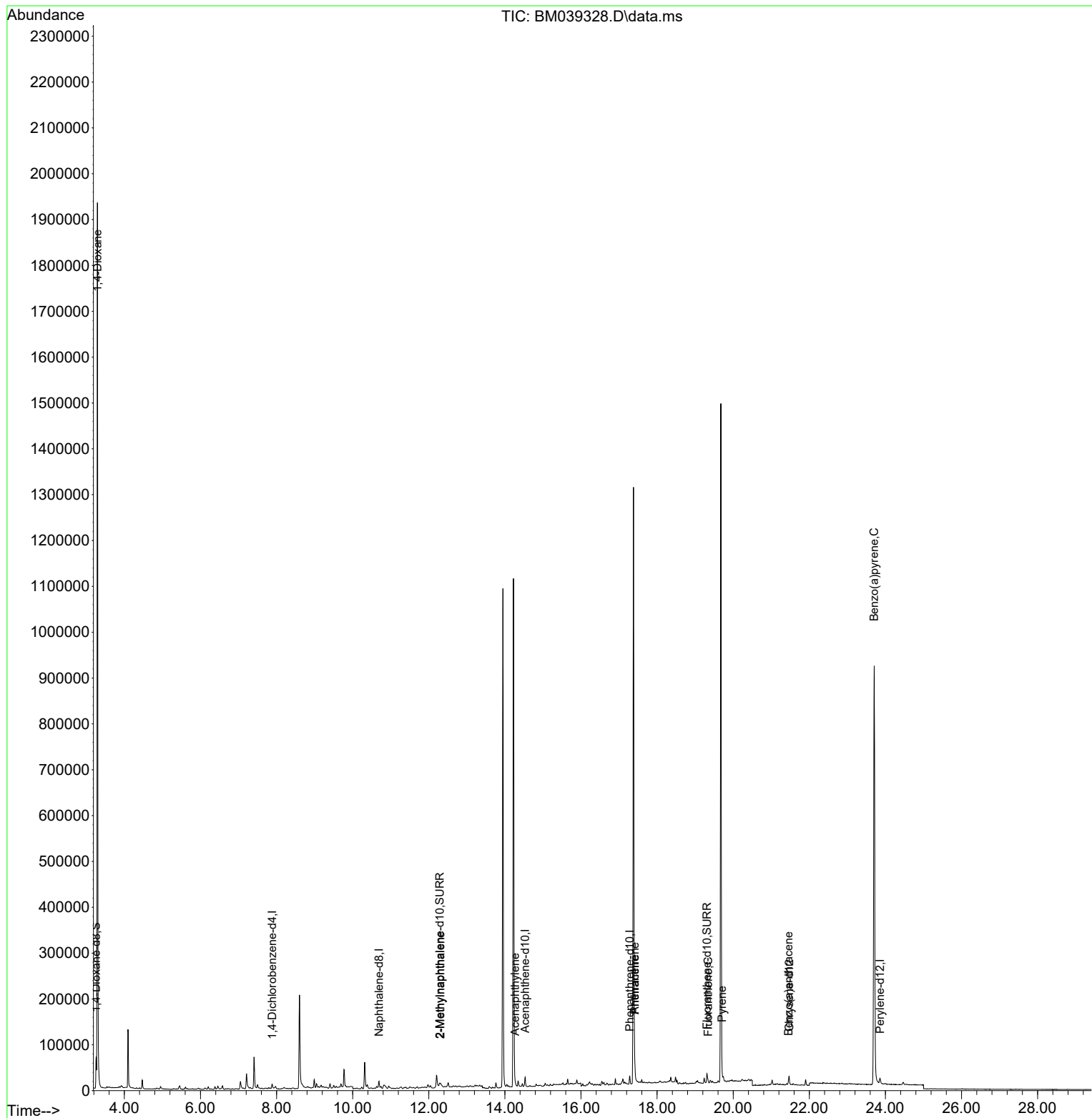
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.883	152	5872	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.691	136	21620	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.532	164	11905	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.282	188	20424	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.469	240	15622	0.400	ng/ul	# 0.00
23) Perylene-d12	23.857	264	18581	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.259	96	37817	3.479	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.286	152	11251	0.450	ng/ul	0.00
18) Fluoranthene-d10	19.311	212	19321	0.397	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.292	88	1159902	99.650	ng/ul#	66
7) 2-Methylnaphthalene	12.308	142	4429	0.153	ng/ul#	1
10) Acenaphthylene	14.268	152	2621	0.057	ng/ul#	1
15) Phenanthrene	17.413	178	28348	0.500	ng/ul#	82
16) Anthracene	17.413	178	27212	0.631	ng/ul#	85
19) Fluoranthene	19.343	202	1959	0.030	ng/ul#	1
20) Pyrene	19.706	202	3905	0.053	ng/ul#	21
21) Benzo(a)anthracene	21.451	228	6127	0.170	ng/ul#	48
26) Benzo(a)pyrene	23.705	252	4790	0.081	ng/ul#	28

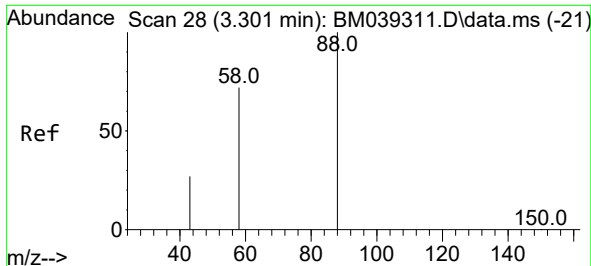
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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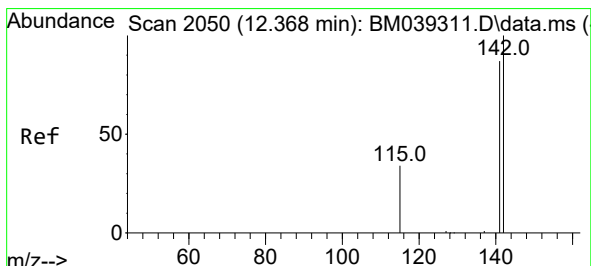
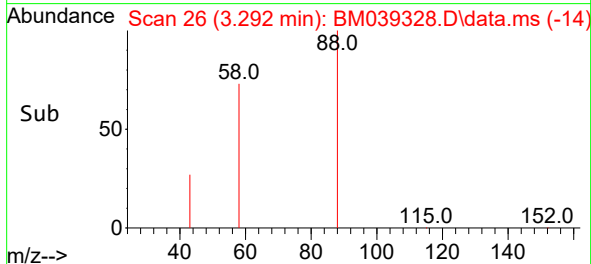
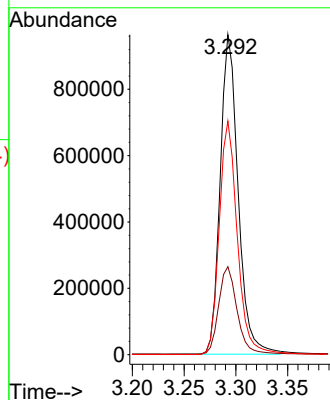
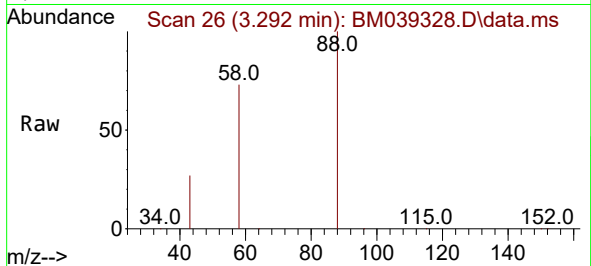




#2
1,4-Dioxane
Concen: 99.650 ng/ul
RT: 3.292 min Scan# 2039
Delta R.T. -0.009 min
Lab File: BM039328.D
Acq: 06 Apr 2023 22:24

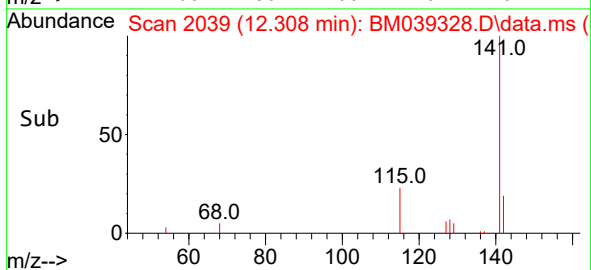
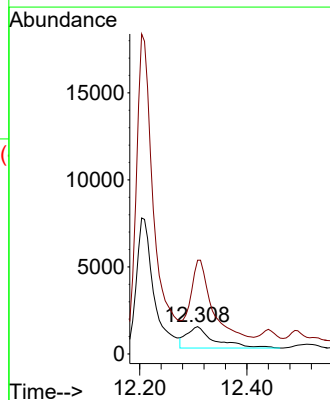
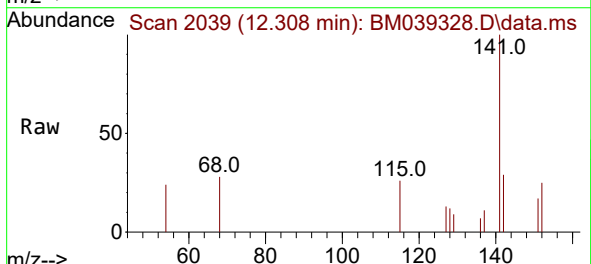
Instrument :
BNA_M
ClientSampleId :
CB971

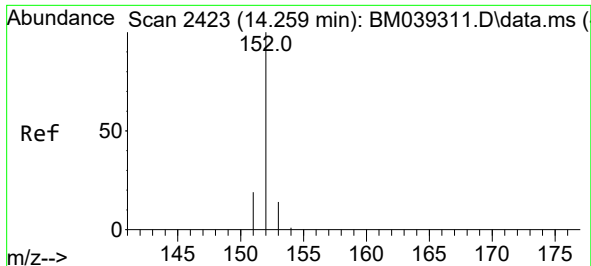
Tgt Ion: 88 Resp: 1159902
Ion Ratio Lower Upper
88 100
43 27.5 30.6 45.8#
58 73.0 34.1 51.1#



#7
2-Methylnaphthalene
Concen: 0.153 ng/ul
RT: 12.308 min Scan# 2039
Delta R.T. -0.061 min
Lab File: BM039328.D
Acq: 06 Apr 2023 22:24

Tgt Ion:142 Resp: 4429
Ion Ratio Lower Upper
142 100
141 266.3 71.8 107.6#





#10

Acenaphthylene

Concen: 0.057 ng/ul

RT: 14.268 min Scan# 2425

Delta R.T. 0.009 min

Lab File: BM039328.D

Acq: 06 Apr 2023 22:24

Instrument :

BNA_M

ClientSampleId :

CB971

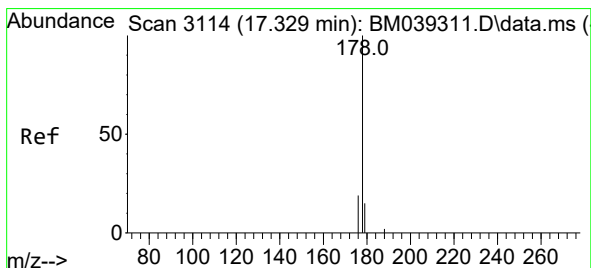
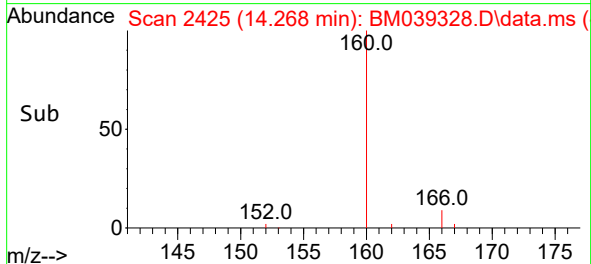
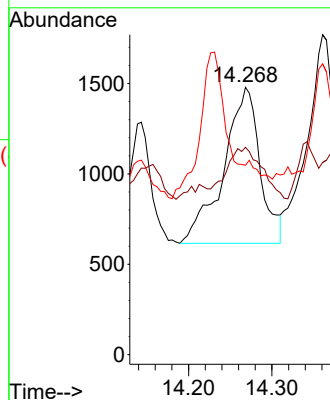
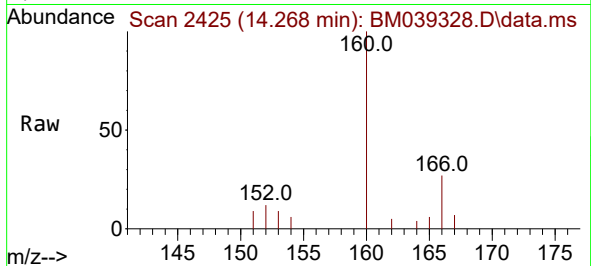
Tgt Ion:152 Resp: 2621

Ion Ratio Lower Upper

152 100

151 77.6 16.2 24.4#

153 70.9 11.6 17.4#



#15

Phenanthrene

Concen: 0.500 ng/ul

RT: 17.413 min Scan# 3134

Delta R.T. 0.084 min

Lab File: BM039328.D

Acq: 06 Apr 2023 22:24

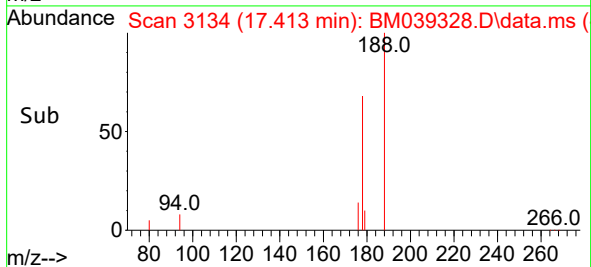
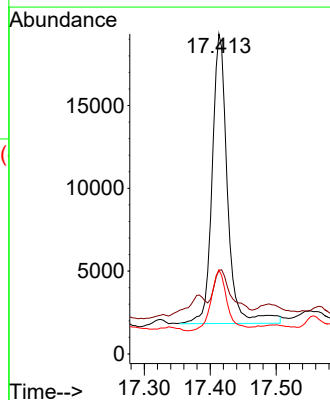
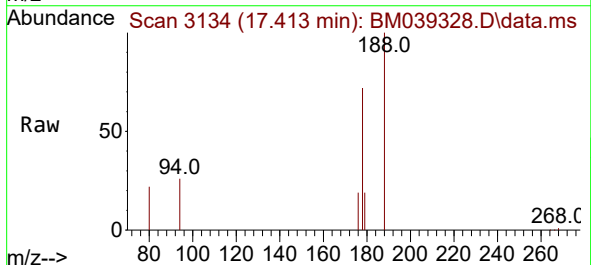
Tgt Ion:178 Resp: 28348

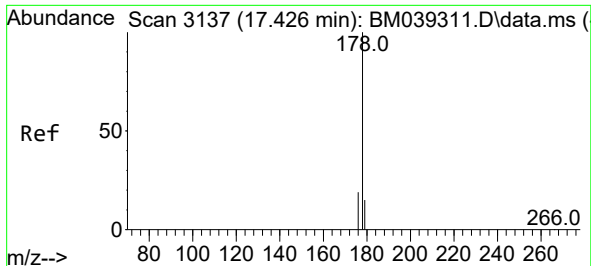
Ion Ratio Lower Upper

178 100

179 26.2 13.4 20.2#

176 26.2 15.8 23.6#

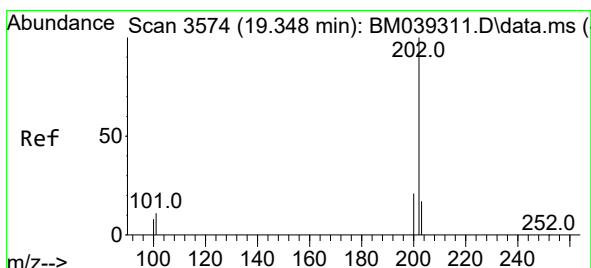
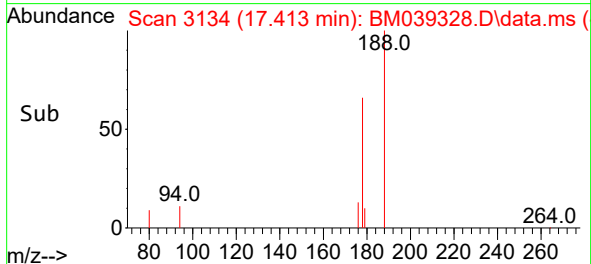
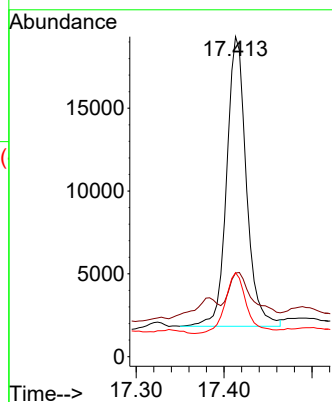
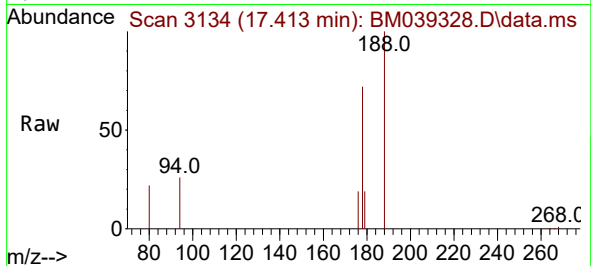




#16
 Anthracene
 Concen: 0.631 ng/ul
 RT: 17.413 min Scan# 3137
 Delta R.T. -0.013 min
 Lab File: BM039328.D
 Acq: 06 Apr 2023 22:24

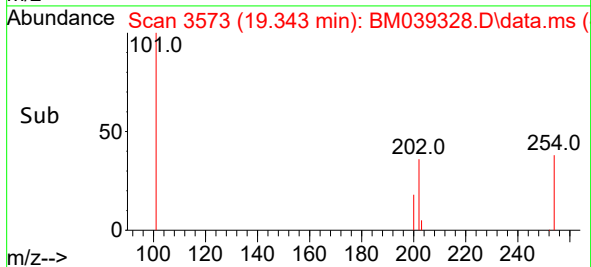
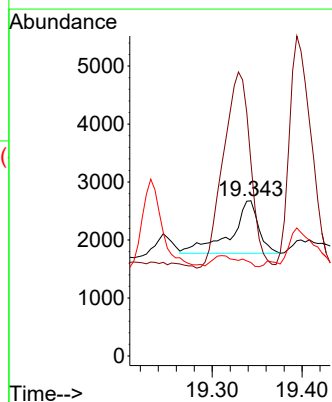
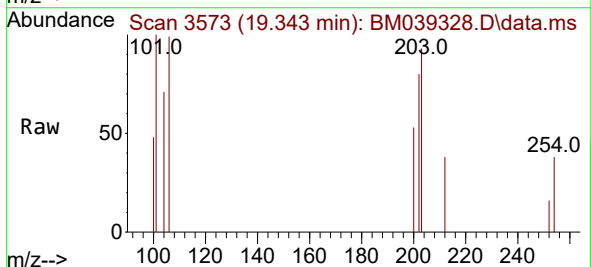
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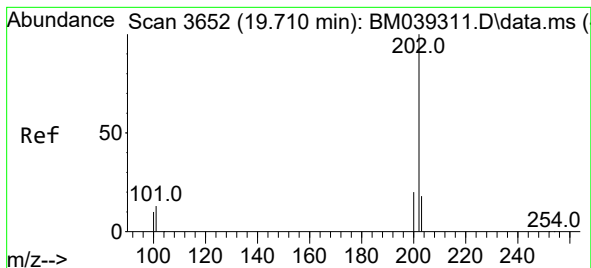
Tgt Ion:178 Resp: 27212
 Ion Ratio Lower Upper
 178 100
 179 26.2 14.6 21.8#
 176 26.2 16.6 24.8#



#19
 Fluoranthene
 Concen: 0.030 ng/ul
 RT: 19.343 min Scan# 3573
 Delta R.T. -0.005 min
 Lab File: BM039328.D
 Acq: 06 Apr 2023 22:24

Tgt Ion:202 Resp: 1959
 Ion Ratio Lower Upper
 202 100
 101 124.9 9.7 14.5#
 100 60.2 7.4 11.0#





#20

Pyrene

Concen: 0.053 ng/ul

RT: 19.706 min Scan# 3

Delta R.T. -0.005 min

Lab File: BM039328.D

Acq: 06 Apr 2023 22:24

Instrument :

BNA_M

ClientSampleId :

CB971

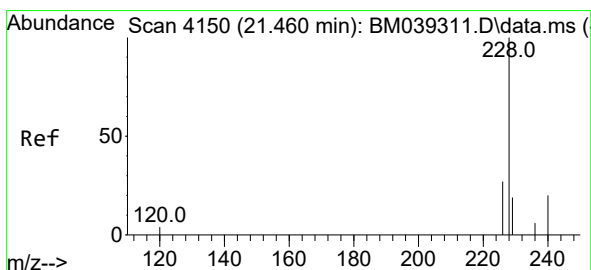
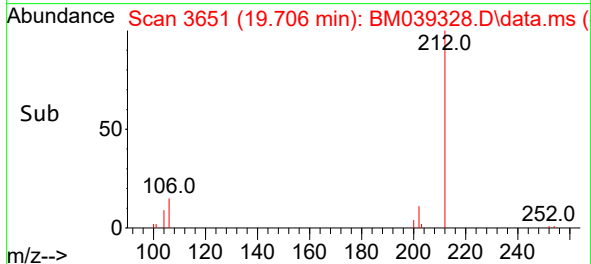
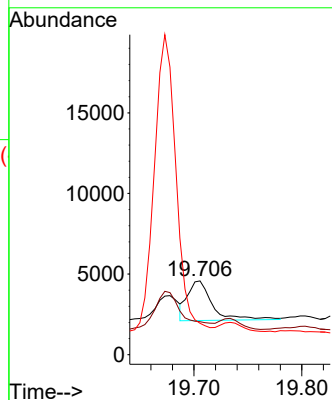
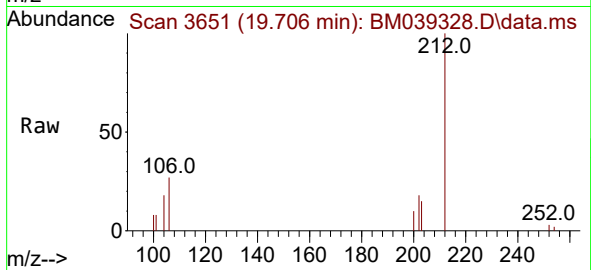
Tgt Ion:202 Resp: 3905

Ion Ratio Lower Upper

202 100

101 44.7 11.1 16.7#

100 42.4 8.8 13.2#



#21

Benzo(a)anthracene

Concen: 0.170 ng/ul

RT: 21.451 min Scan# 4147

Delta R.T. -0.009 min

Lab File: BM039328.D

Acq: 06 Apr 2023 22:24

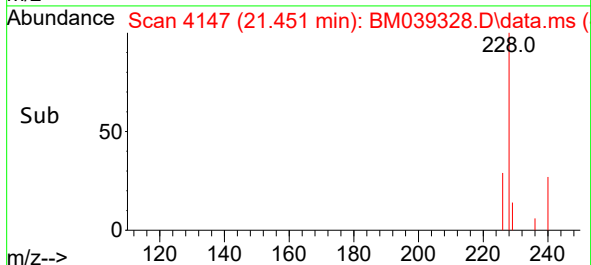
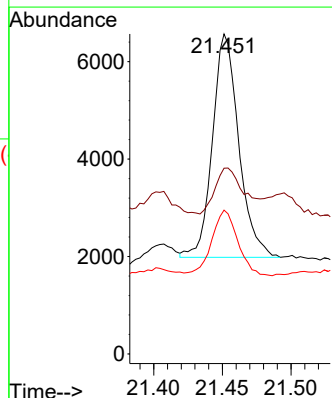
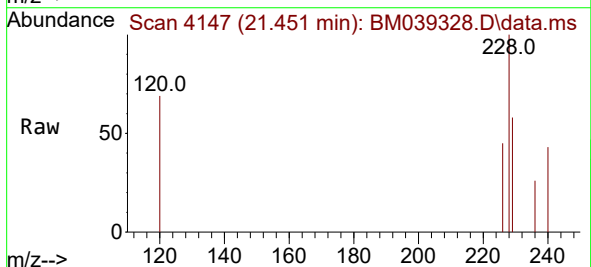
Tgt Ion:228 Resp: 6127

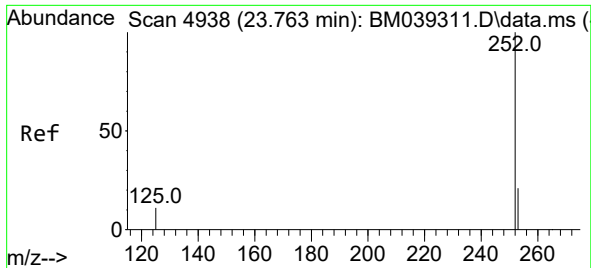
Ion Ratio Lower Upper

228 100

229 58.1 16.6 24.8#

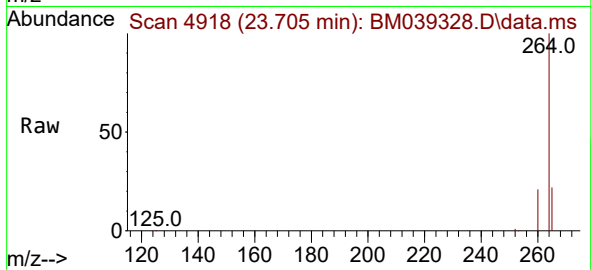
226 45.0 22.6 34.0#





#26
Benzo(a)pyrene
Concen: 0.081 ng/ul
RT: 23.705 min Scan# 4918
Delta R.T. -0.059 min
Lab File: BM039328.D
Acq: 06 Apr 2023 22:24

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:252 Resp: 4790
Ion Ratio Lower Upper
252 100
253 78.3 31.0 46.4#
125 82.0 28.2 42.4#

