

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040623\
 Data File : BM039329.D
 Acq On : 06 Apr 2023 23:02
 Operator : CG/JU
 Sample : 02092-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB973

Quant Time: Apr 07 02:18:00 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)

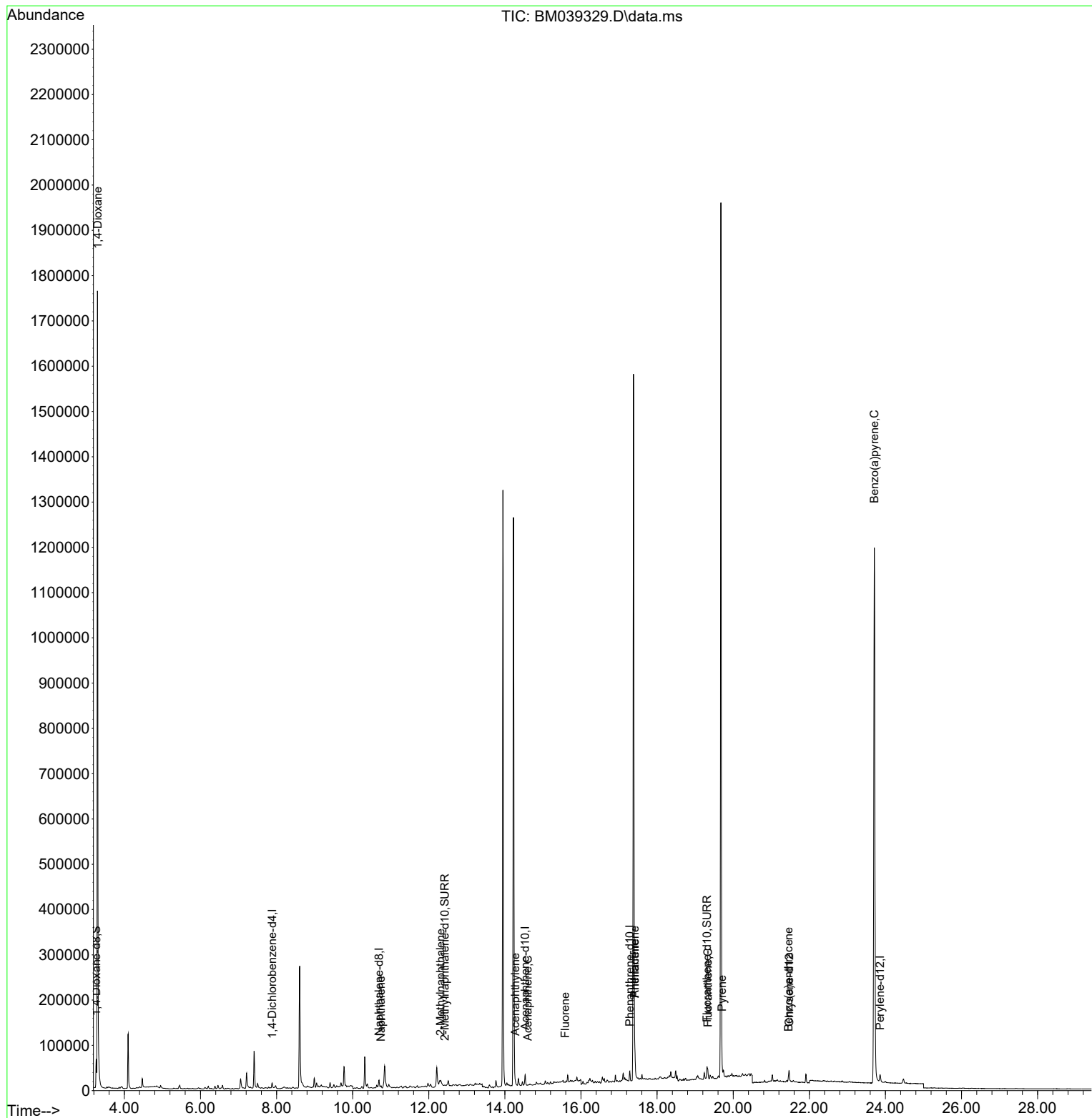
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.882	152	6653	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.691	136	23589	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.532	164	13627	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.282	188	25899	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.469	240	21689	0.400	ng/ul	# 0.00
23) Perylene-d12	23.860	264	24813	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	36830	2.990	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	1801	0.066	ng/ul	0.13
18) Fluoranthene-d10	19.310	212	26122	0.387	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.296	88	1128364	85.560	ng/ul#	68
5) Naphthalene	10.746	128	1265	0.023	ng/ul#	1
7) 2-Methylnaphthalene	12.308	142	6576	0.209	ng/ul#	1
10) Acenaphthylene	14.273	152	3644	0.069	ng/ul#	1
11) Acenaphthene	14.601	153	906	0.022	ng/ul#	68
12) Fluorene	15.582	166	872	0.021	ng/ul#	42
15) Phenanthrene	17.413	178	58786	0.818	ng/ul#	88
16) Anthracene	17.413	178	60754	1.111	ng/ul#	91
19) Fluoranthene	19.338	202	2616	0.029	ng/ul#	1
20) Pyrene	19.705	202	5185	0.050	ng/ul#	20
21) Benzo(a)anthracene	21.451	228	8752	0.175	ng/ul#	47
26) Benzo(a)pyrene	23.708	252	6481	0.082	ng/ul#	28

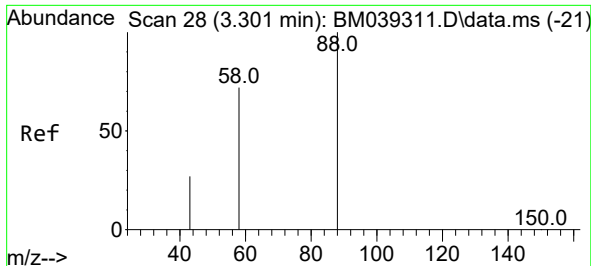
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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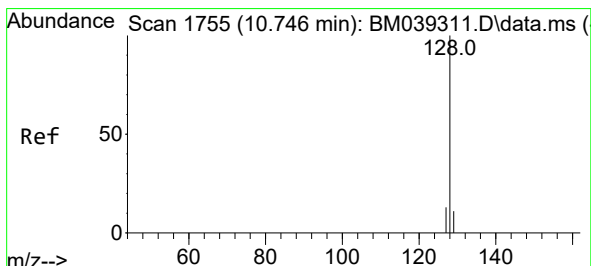
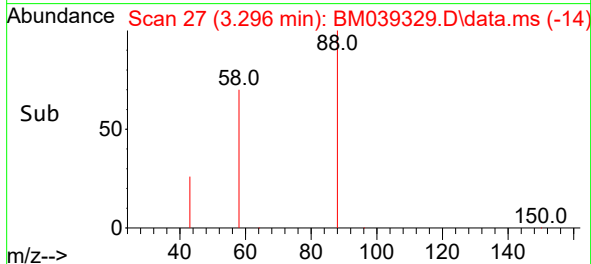
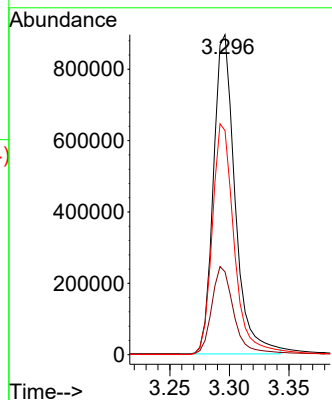
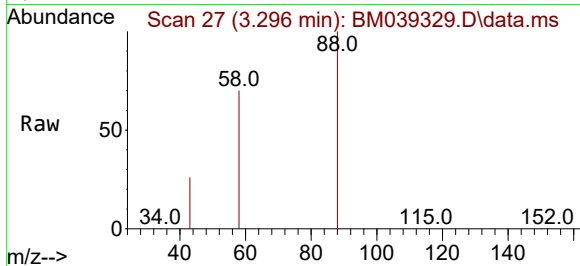




#2
1,4-Dioxane
Concen: 85.560 ng/ul
RT: 3.296 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM039329.D
Acq: 06 Apr 2023 23:02

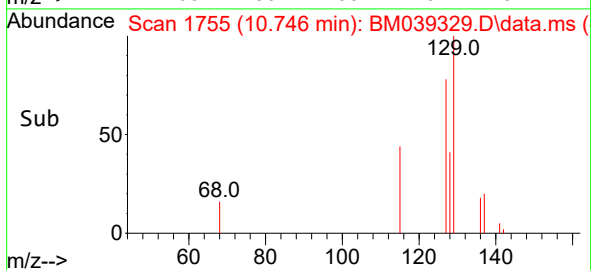
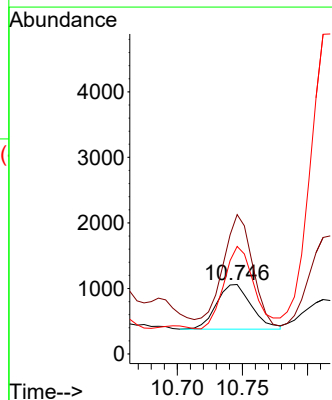
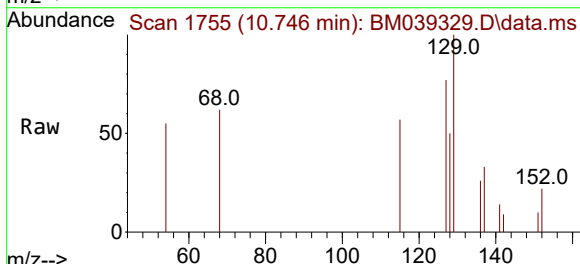
Instrument :
BNA_M
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CB973

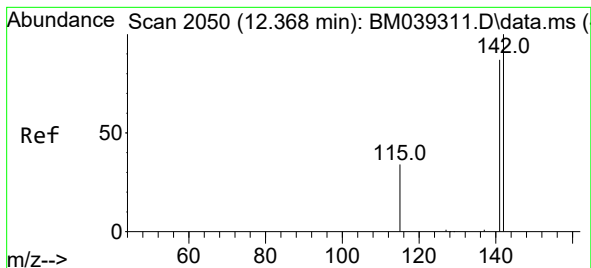
Tgt Ion: 88 Resp: 1128364
Ion Ratio Lower Upper
88 100
43 25.9 30.6 45.8#
58 70.1 34.1 51.1#



#5
Naphthalene
Concen: 0.023 ng/ul
RT: 10.746 min Scan# 1755
Delta R.T. -0.000 min
Lab File: BM039329.D
Acq: 06 Apr 2023 23:02

Tgt Ion: 128 Resp: 1265
Ion Ratio Lower Upper
128 100
129 200.8 10.1 15.1#
127 155.1 11.0 16.4#

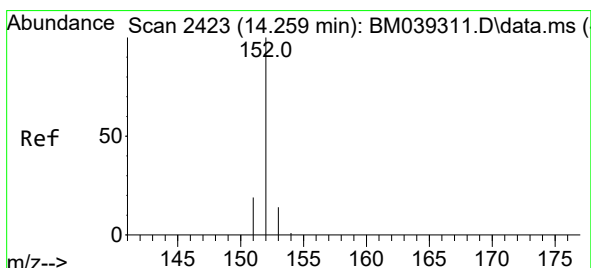
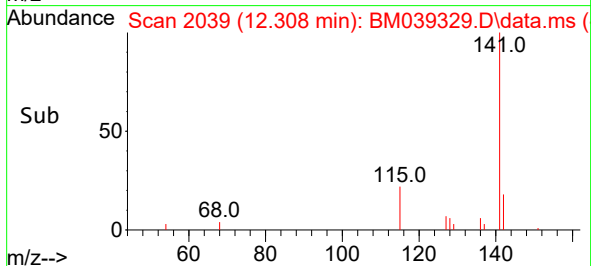
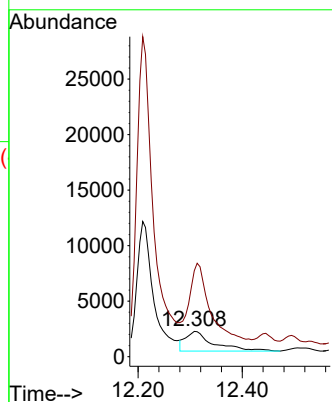
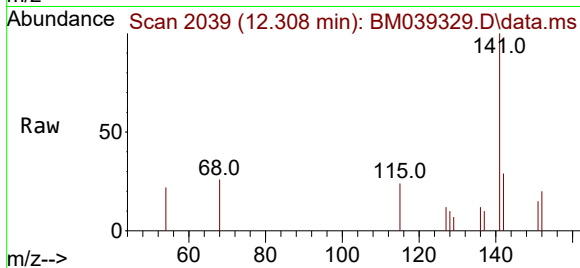




#7
2-Methylnaphthalene
Concen: 0.209 ng/ul
RT: 12.308 min Scan# 2039
Delta R.T. -0.061 min
Lab File: BM039329.D
Acq: 06 Apr 2023 23:02

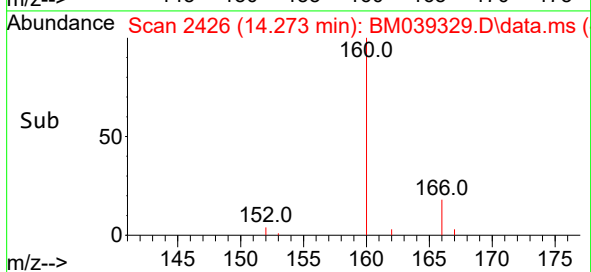
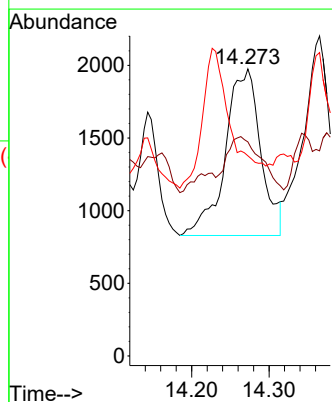
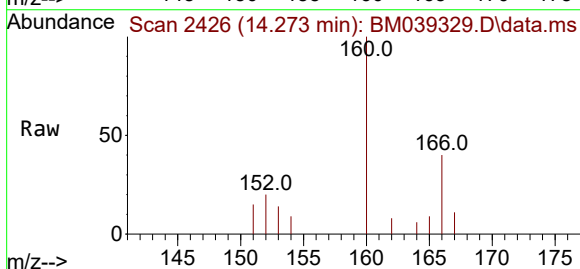
Instrument :
BNA_M
ClientSampleId :
CB973

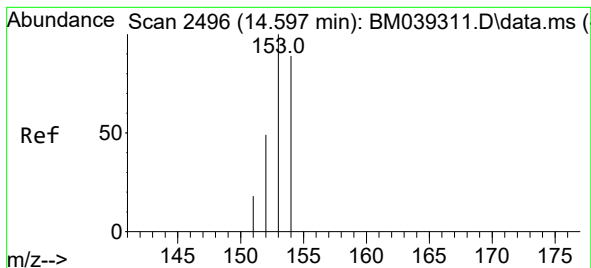
Tgt Ion:142 Resp: 6576
Ion Ratio Lower Upper
142 100
141 273.9 71.8 107.6#



#10
Acenaphthylene
Concen: 0.069 ng/ul
RT: 14.273 min Scan# 2426
Delta R.T. 0.014 min
Lab File: BM039329.D
Acq: 06 Apr 2023 23:02

Tgt Ion:152 Resp: 3644
Ion Ratio Lower Upper
152 100
151 74.6 16.2 24.4#
153 69.7 11.6 17.4#





#11

Acenaphthene

Concen: 0.022 ng/ul

RT: 14.601 min Scan# 2497

Delta R.T. 0.004 min

Lab File: BM039329.D

Acq: 06 Apr 2023 23:02

Instrument :

BNA_M

ClientSampleId :

CB973

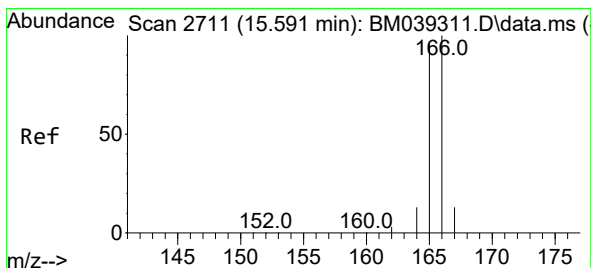
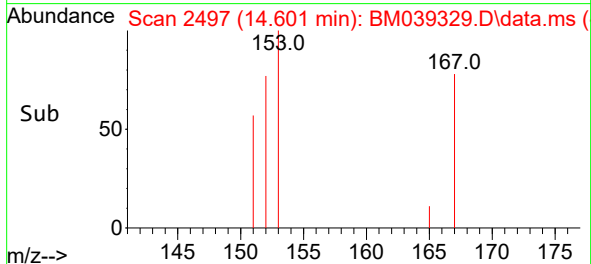
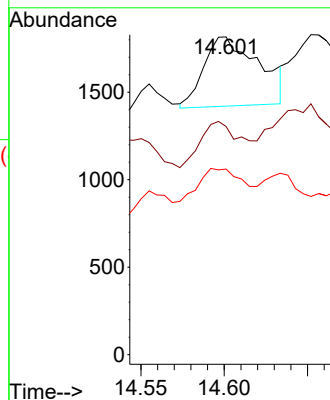
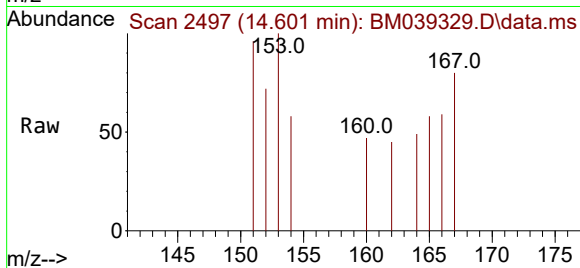
Tgt Ion:153 Resp: 906

Ion Ratio Lower Upper

153 100

152 71.8 40.3 60.5#

154 58.4 71.5 107.3#



#12

Fluorene

Concen: 0.021 ng/ul

RT: 15.582 min Scan# 2709

Delta R.T. -0.010 min

Lab File: BM039329.D

Acq: 06 Apr 2023 23:02

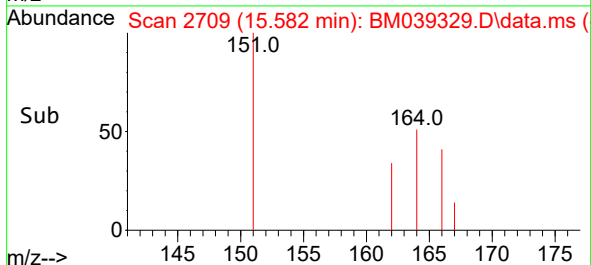
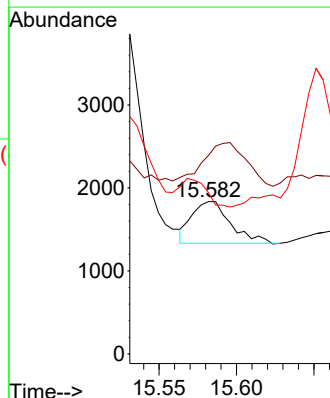
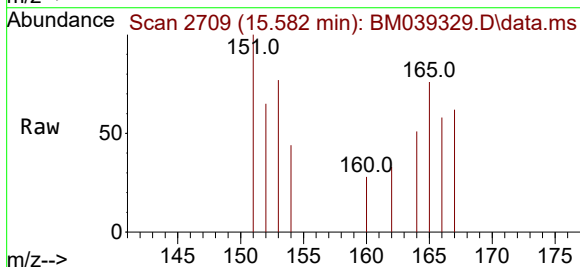
Tgt Ion:166 Resp: 872

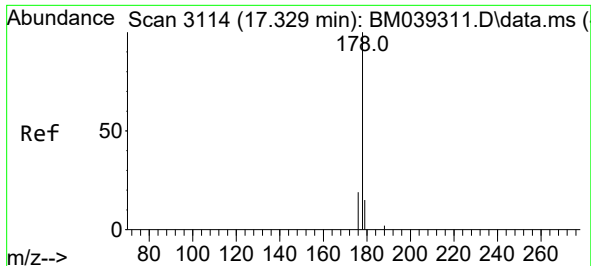
Ion Ratio Lower Upper

166 100

165 130.4 77.8 116.8#

167 105.9 11.8 17.6#

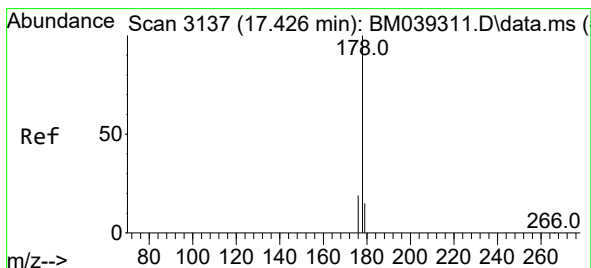
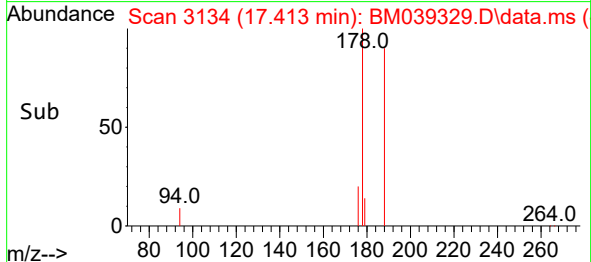
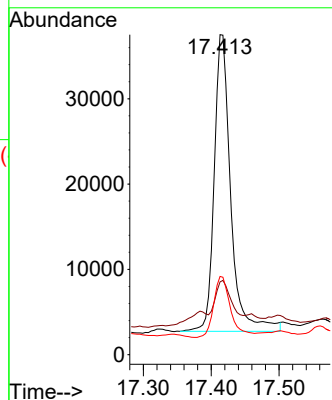
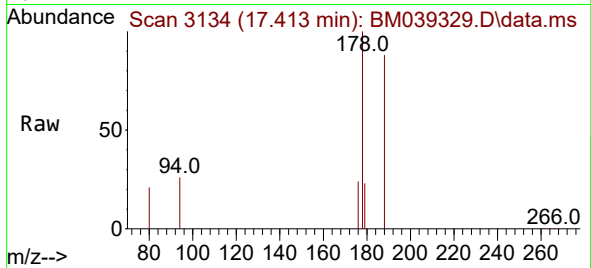




#15
Phenanthrene
Concen: 0.818 ng/ul
RT: 17.413 min Scan# 3114
Delta R.T. 0.084 min
Lab File: BM039329.D
Acq: 06 Apr 2023 23:02

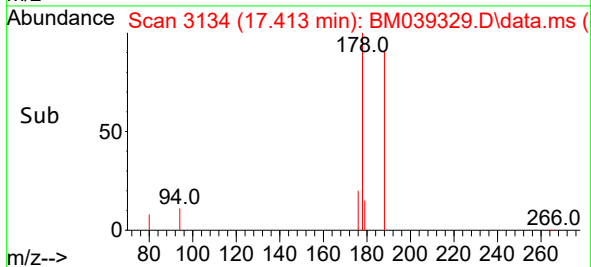
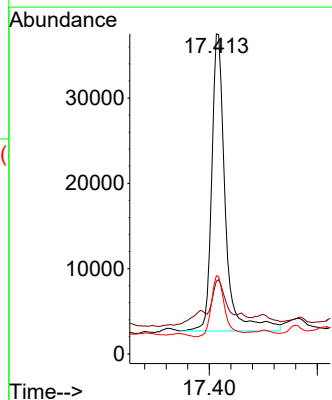
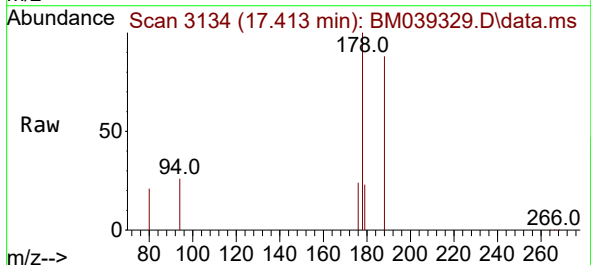
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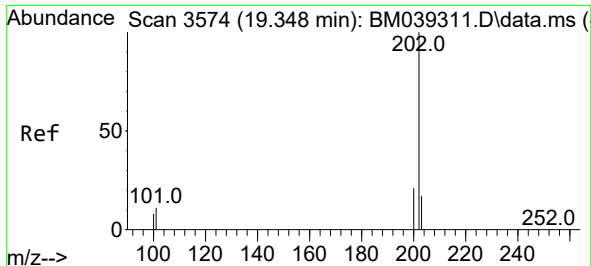
Tgt Ion:178 Resp: 58786
Ion Ratio Lower Upper
178 100
179 22.7 13.4 20.2#
176 24.5 15.8 23.6#



#16
Anthracene
Concen: 1.111 ng/ul
RT: 17.413 min Scan# 3134
Delta R.T. -0.013 min
Lab File: BM039329.D
Acq: 06 Apr 2023 23:02

Tgt Ion:178 Resp: 60754
Ion Ratio Lower Upper
178 100
179 22.7 14.6 21.8#
176 24.5 16.6 24.8

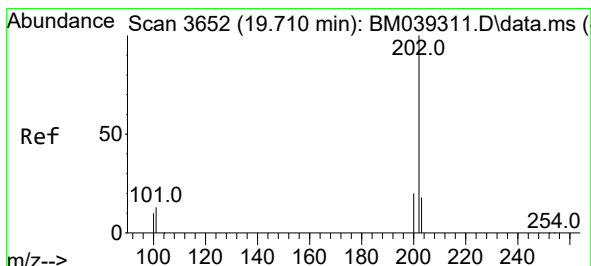
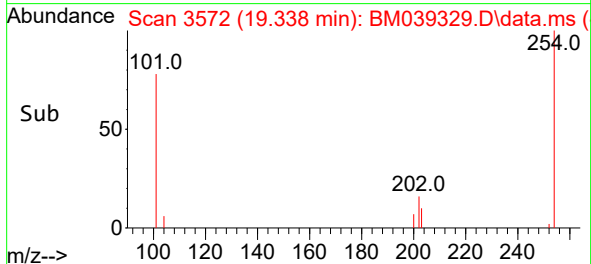
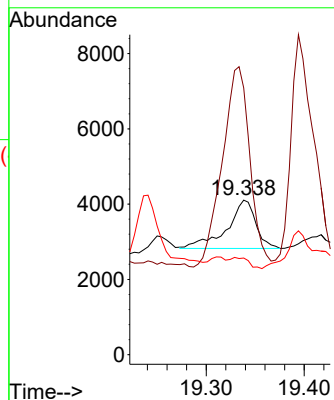
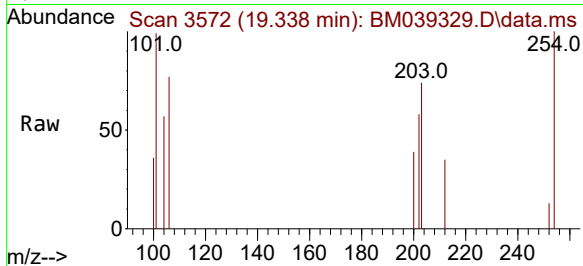




#19
Fluoranthene
Concen: 0.029 ng/ul
RT: 19.338 min Scan# 3572
Delta R.T. -0.010 min
Lab File: BM039329.D
Acq: 06 Apr 2023 23:02

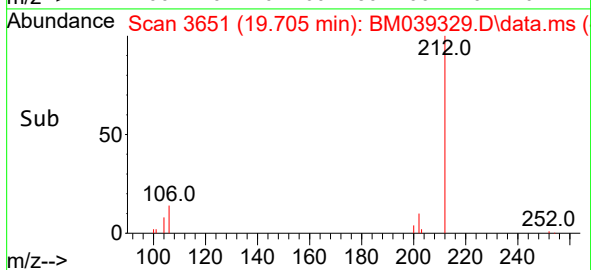
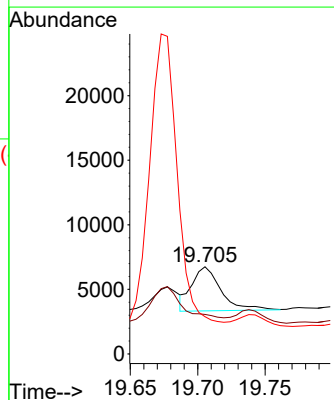
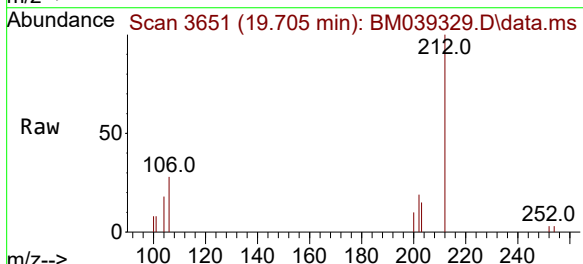
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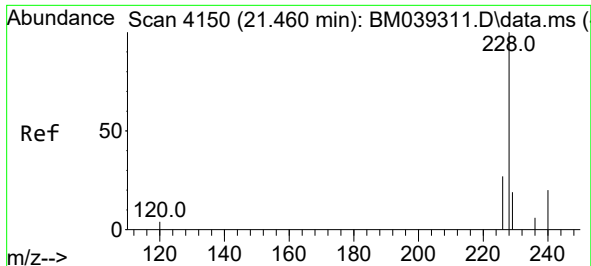
Tgt Ion:202 Resp: 2616
Ion Ratio Lower Upper
202 100
101 172.6 9.7 14.5#
100 62.5 7.4 11.0#



#20
Pyrene
Concen: 0.050 ng/ul
RT: 19.705 min Scan# 3651
Delta R.T. -0.005 min
Lab File: BM039329.D
Acq: 06 Apr 2023 23:02

Tgt Ion:202 Resp: 5185
Ion Ratio Lower Upper
202 100
101 45.2 11.1 16.7#
100 42.7 8.8 13.2#

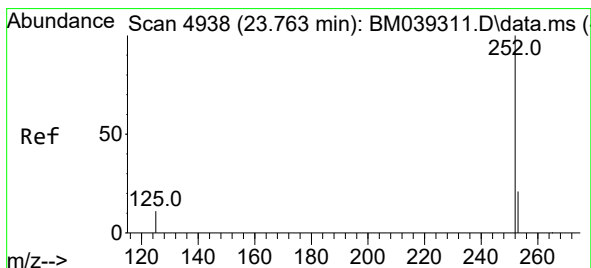
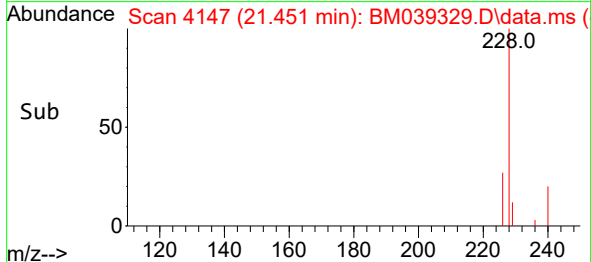
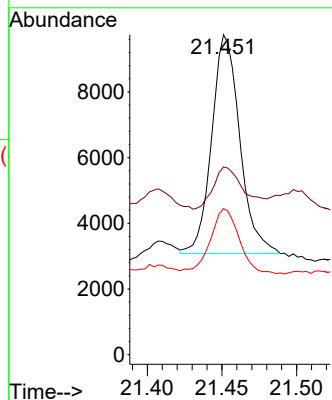
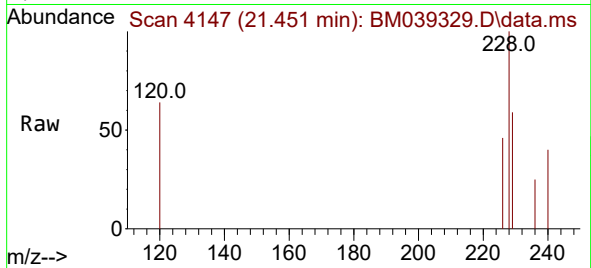




#21
Benzo(a)anthracene
Concen: 0.175 ng/ul
RT: 21.451 min Scan# 4150
Delta R.T. -0.009 min
Lab File: BM039329.D
Acq: 06 Apr 2023 23:02

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Tgt Ion:228 Resp: 8752
Ion Ratio Lower Upper
228 100
229 58.6 16.6 24.8#
226 45.6 22.6 34.0#



#26
Benzo(a)pyrene
Concen: 0.082 ng/ul
RT: 23.708 min Scan# 4919
Delta R.T. -0.056 min
Lab File: BM039329.D
Acq: 06 Apr 2023 23:02

Tgt Ion:252 Resp: 6481
Ion Ratio Lower Upper
252 100
253 76.8 31.0 46.4#
125 82.7 28.2 42.4#

