

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020124\
 Data File : BM043958.D
 Acq On : 01 Feb 2024 22:28
 Operator : MA/JU
 Sample : P1239-16
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FC6

Quant Time: Feb 01 23:55:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 22:50:05 2024
 Response via : Initial Calibration

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

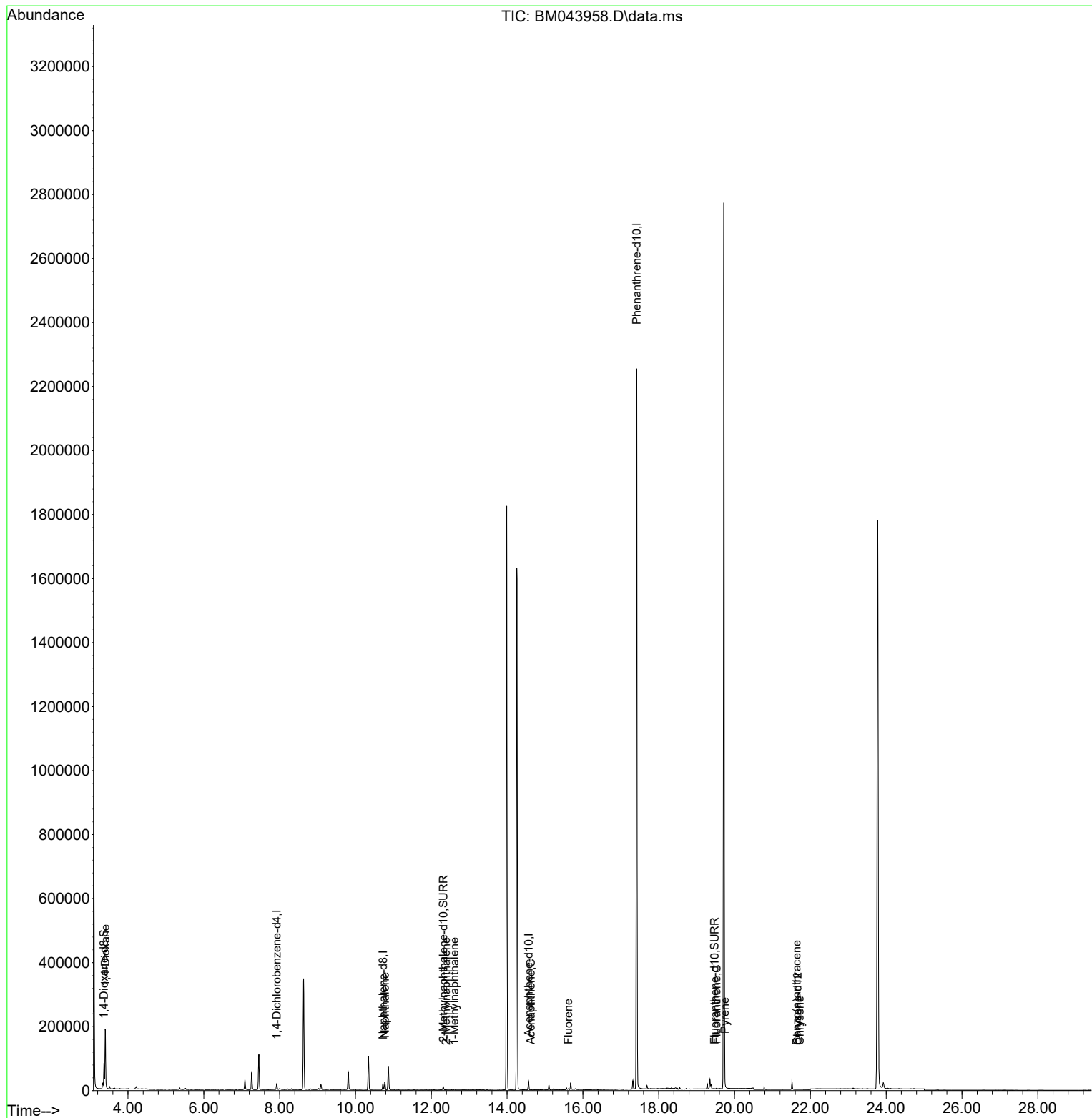
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	9014	0.400	ng/ul	0.00
4) Naphthalene-d8	10.727	136	27055	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.566	164	14995	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.419	188	2592852	0.400	ng/ul	0.10
17) Chrysene-d12	21.664	240	15	0.400	ng/ul	# 0.15
23) Perylene-d12	0.000	264	0	0.000	ng/ul	-23.93
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.365	96	49110	4.234	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	13658	0.385	ng/ul	0.00
18) Fluoranthene-d10	19.475	212	33	0.701	ng/ul	0.13
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.403	88	120714	9.920	ng/ul#	83
5) Naphthalene	10.776	128	33612	0.433	ng/ul	99
7) 2-Methylnaphthalene	12.388	142	1305	0.028	ng/ul	95
8) 1-Methylnaphthalene	12.608	142	1329	0.029	ng/ul	98
11) Acenaphthene	14.626	153	1526	0.027	ng/ul	96
12) Fluorene	15.616	166	2521	0.041	ng/ul#	91
19) Fluoranthene	19.522	202	102	1.477	ng/ul#	1
20) Pyrene	19.745	202	11337	159.573	ng/ul#	89
21) Benzo(a)anthracene	21.640	228	12	0.192	ng/ul#	1
22) Chrysene	21.716	228	22	0.335	ng/ul#	1

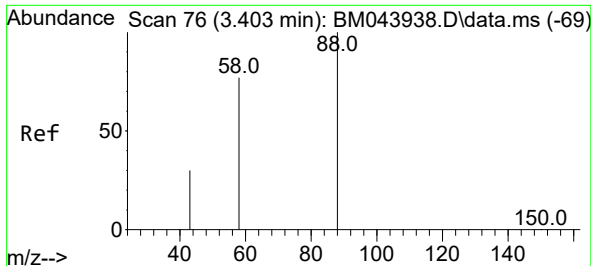
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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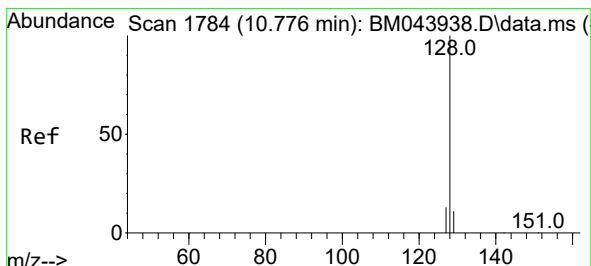
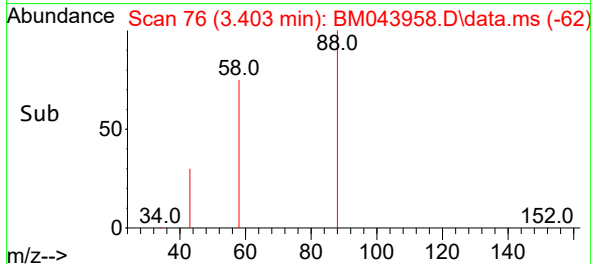
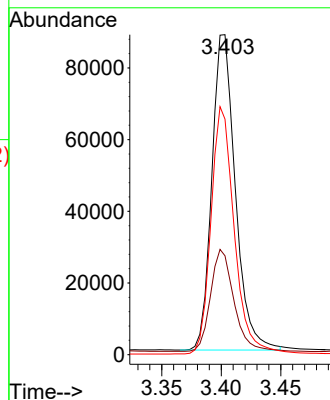
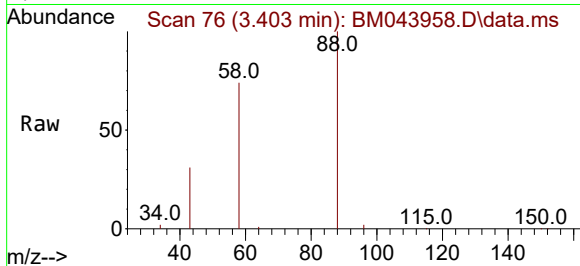




#2
1,4-Dioxane
Concen: 9.920 ng/ul
RT: 3.403 min Scan# 70
Delta R.T. 0.000 min
Lab File: BM043958.D
Acq: 01 Feb 2024 22:28

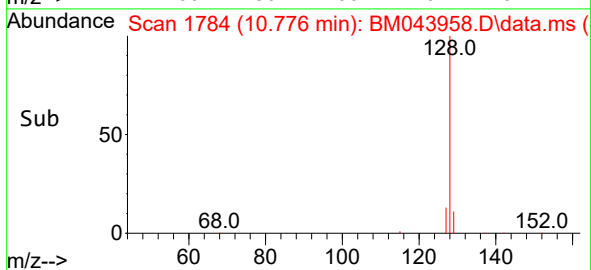
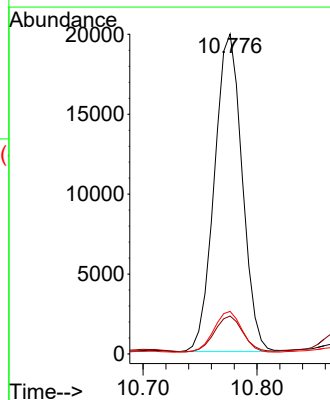
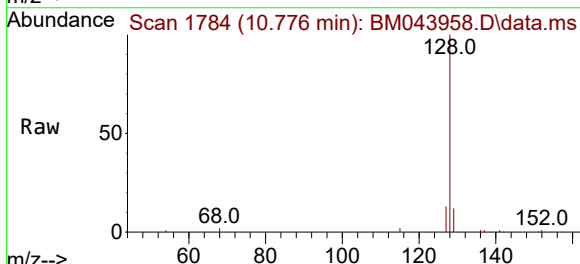
Instrument :
BNA_M
ClientSampleId :
C0FC6

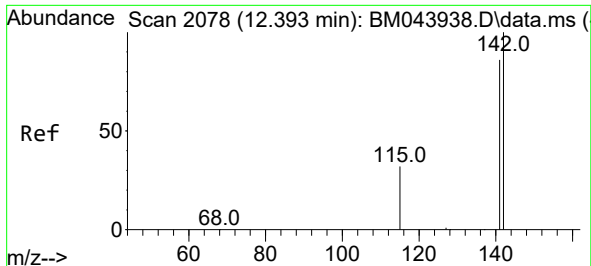
Tgt Ion: 88 Resp: 120714
Ion Ratio Lower Upper
88 100
43 30.9 27.1 40.7
58 73.6 44.6 67.0#



#5
Naphthalene
Concen: 0.433 ng/ul
RT: 10.776 min Scan# 1784
Delta R.T. 0.000 min
Lab File: BM043958.D
Acq: 01 Feb 2024 22:28

Tgt Ion: 128 Resp: 33612
Ion Ratio Lower Upper
128 100
129 11.9 9.1 13.7
127 13.3 10.3 15.5

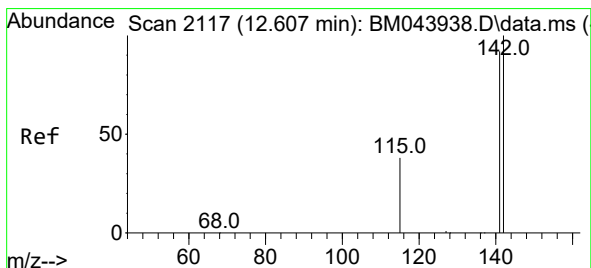
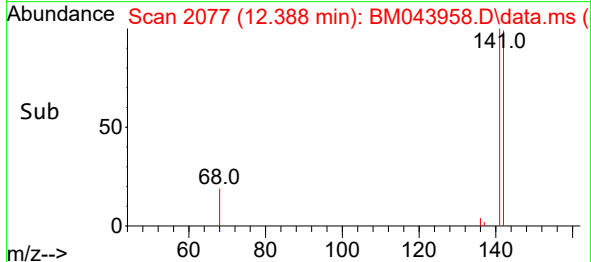
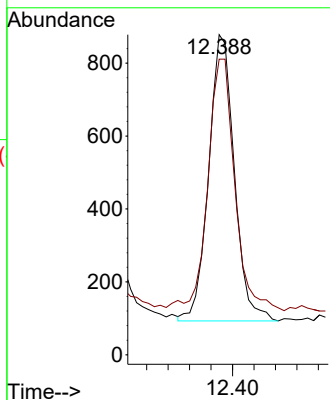
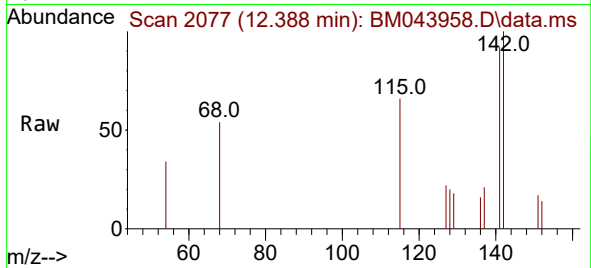




#7
2-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 12.388 min Scan# 2078
Delta R.T. -0.005 min
Lab File: BM043958.D
Acq: 01 Feb 2024 22:28

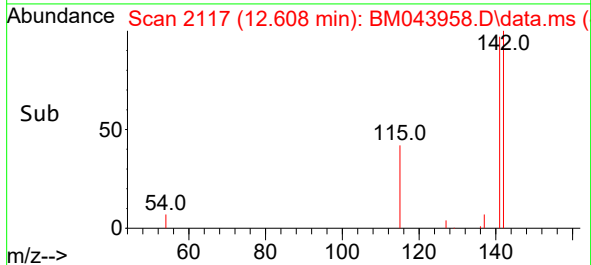
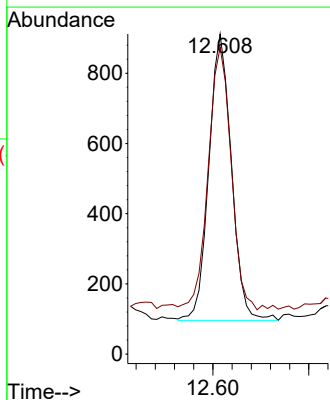
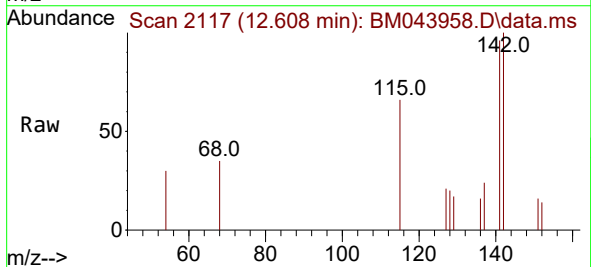
Instrument :
BNA_M
ClientSampleId :
C0FC6

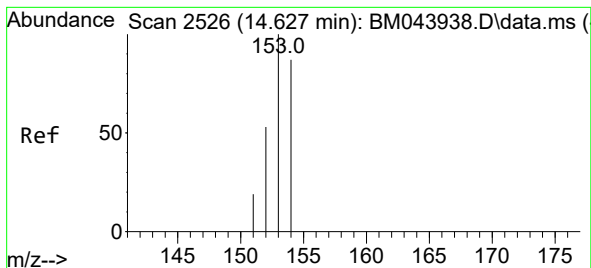
Tgt Ion:142 Resp: 1305
Ion Ratio Lower Upper
142 100
141 92.4 70.2 105.4



#8
1-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.608 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BM043958.D
Acq: 01 Feb 2024 22:28

Tgt Ion:142 Resp: 1329
Ion Ratio Lower Upper
142 100
141 93.0 72.9 109.3





#11

Acenaphthene

Concen: 0.027 ng/ul

RT: 14.626 min Scan# 2526

Delta R.T. 0.000 min

Lab File: BM043958.D

Acq: 01 Feb 2024 22:28

Instrument :

BNA_M

ClientSampleId :

C0FC6

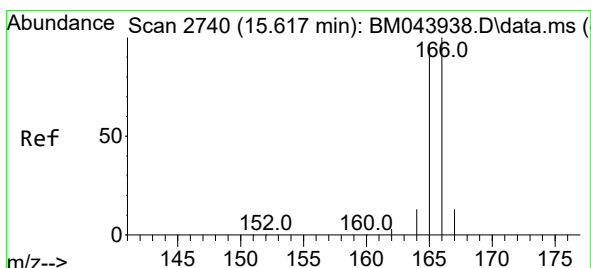
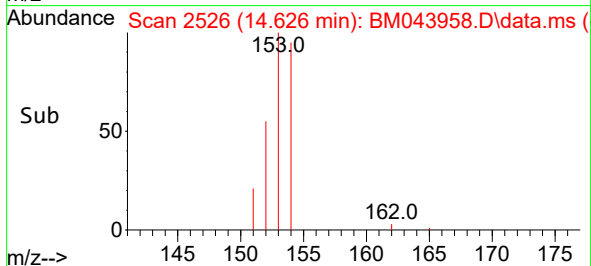
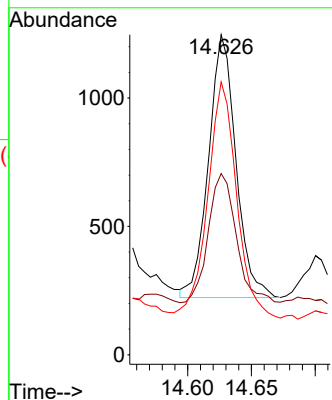
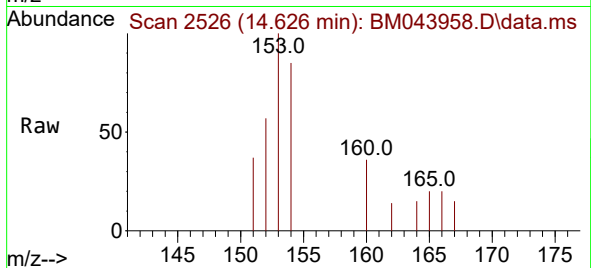
Tgt Ion:153 Resp: 1526

Ion Ratio Lower Upper

153 100

152 56.6 41.8 62.8

154 85.2 69.8 104.8



#12

Fluorene

Concen: 0.041 ng/ul

RT: 15.616 min Scan# 2740

Delta R.T. 0.000 min

Lab File: BM043958.D

Acq: 01 Feb 2024 22:28

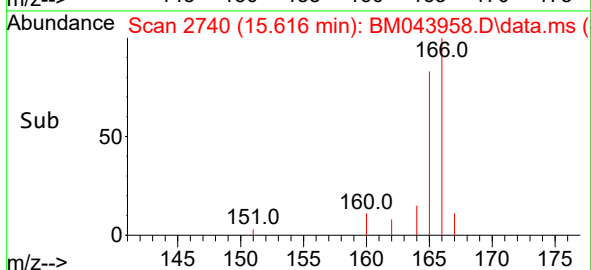
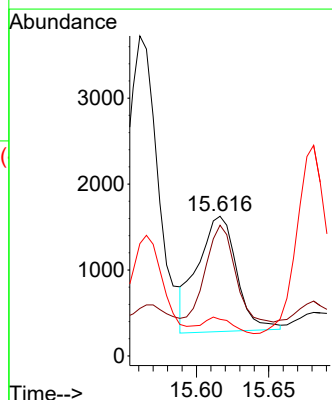
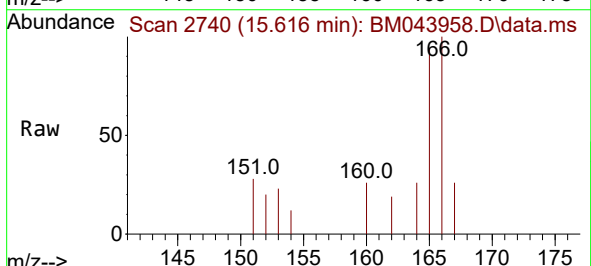
Tgt Ion:166 Resp: 2521

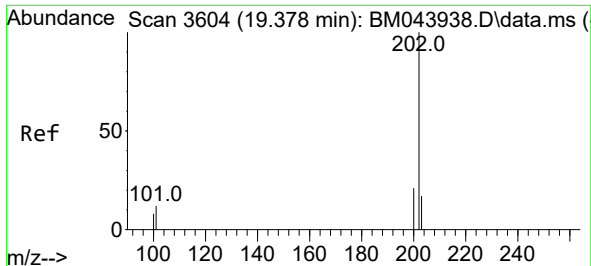
Ion Ratio Lower Upper

166 100

165 93.5 79.5 119.3

167 26.2 10.9 16.3#

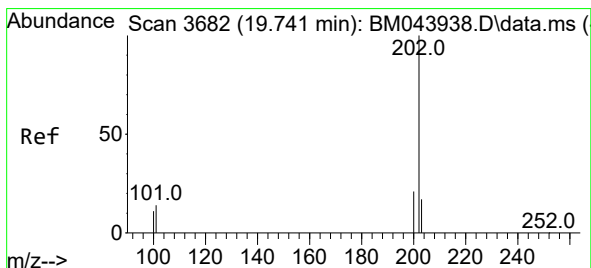
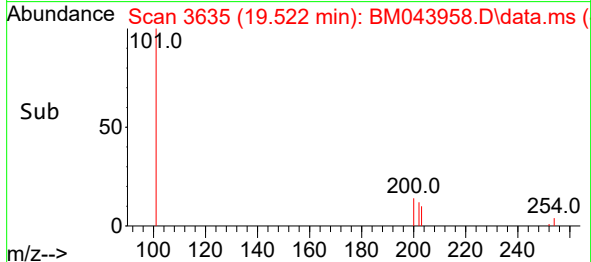
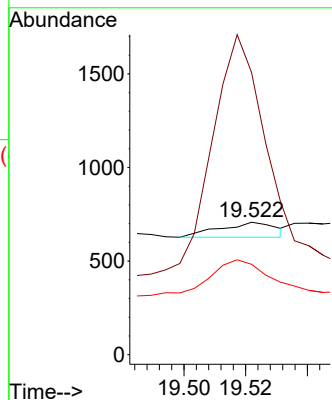
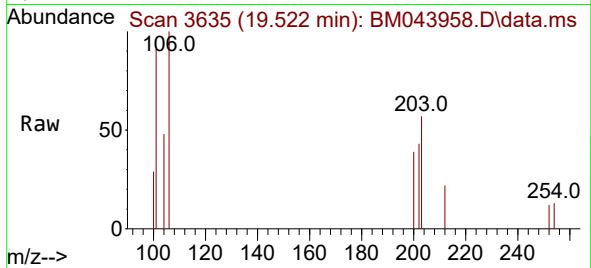




#19
Fluoranthene
Concen: 1.477 ng/ul
RT: 19.522 min Scan# 30
Delta R.T. 0.140 min
Lab File: BM043958.D
Acq: 01 Feb 2024 22:28

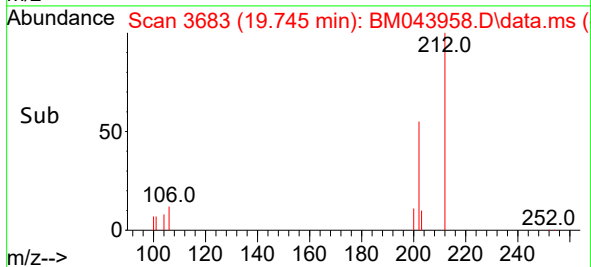
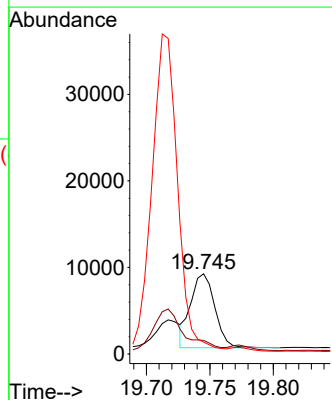
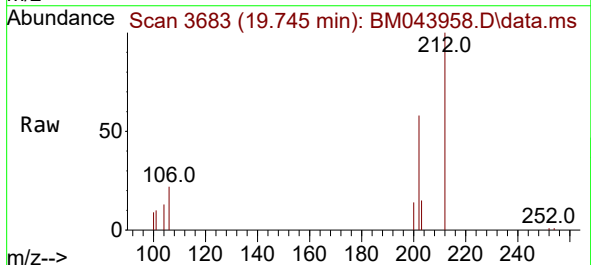
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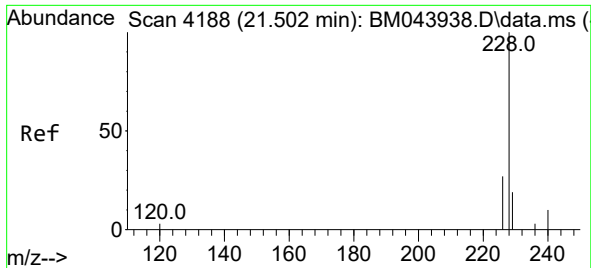
Tgt Ion:202 Resp: 102
Ion Ratio Lower Upper
202 100
101 212.9 8.6 13.0#
100 68.2 6.4 9.6#



#20
Pyrene
Concen: 159.573 ng/ul
RT: 19.745 min Scan# 3683
Delta R.T. 0.000 min
Lab File: BM043958.D
Acq: 01 Feb 2024 22:28

Tgt Ion:202 Resp: 11337
Ion Ratio Lower Upper
202 100
101 17.1 10.3 15.5#
100 14.7 8.1 12.1#

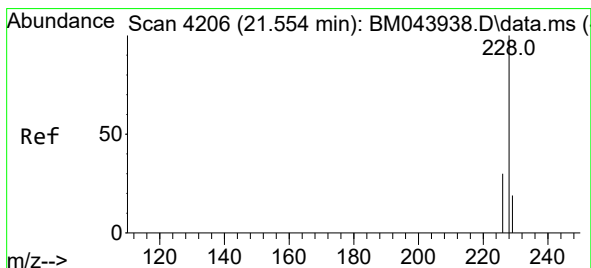
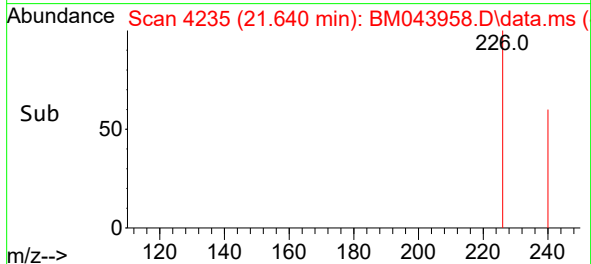
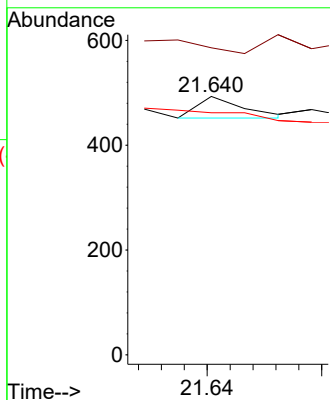
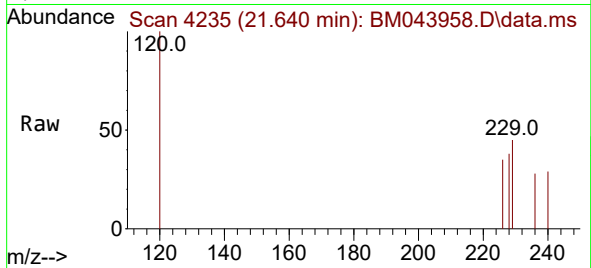




#21
Benzo(a)anthracene
Concen: 0.192 ng/ul
RT: 21.640 min Scan# 4188
Delta R.T. 0.141 min
Lab File: BM043958.D
Acq: 01 Feb 2024 22:28

Instrument :
BNA_M
ClientSampleId :
C0FC6

Tgt Ion:228 Resp: 12
Ion Ratio Lower Upper
228 100
229 118.9 15.5 23.3#
226 93.7 22.3 33.5#



#22
Chrysene
Concen: 0.335 ng/ul
RT: 21.716 min Scan# 4261
Delta R.T. 0.164 min
Lab File: BM043958.D
Acq: 01 Feb 2024 22:28

Tgt Ion:228 Resp: 22
Ion Ratio Lower Upper
228 100
226 95.0 24.4 36.6#
229 121.7 15.5 23.3#

