

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036913.D
 Acq On : 10 Oct 2022 18:26
 Operator : CG/JU
 Sample : N4951-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB8T8

Quant Time: Oct 11 02:18:00 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 10 00:54:15 2022
 Response via : Initial Calibration

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

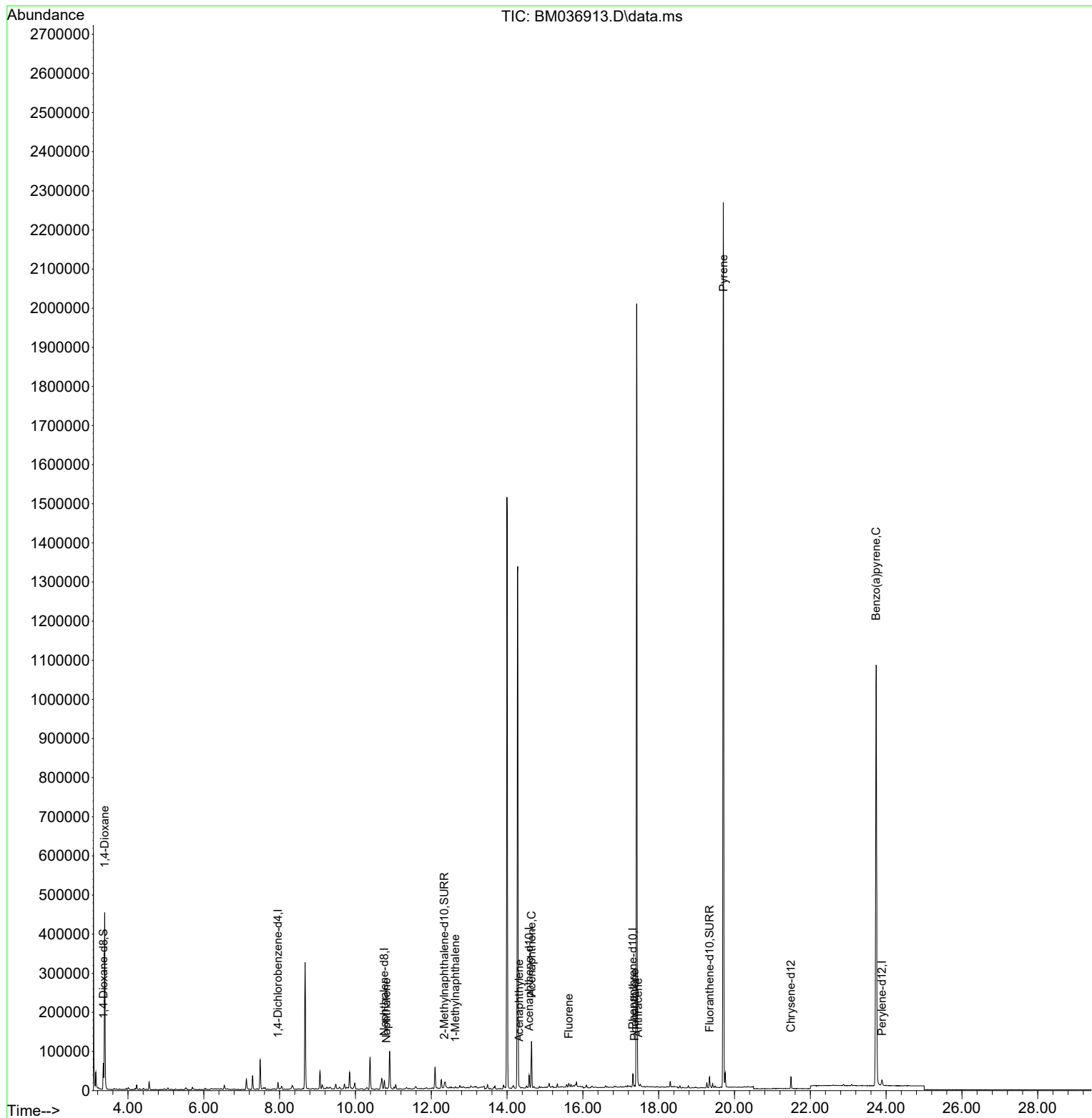
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	8017	0.400	ng/ul	0.00
4) Naphthalene-d8	10.759	136	29657	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.581	164	18494	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.318	188	37227	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.487	240	25950	0.400	ng/ul	# 0.00
23) Perylene-d12	23.890	264	20300	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	39971	3.535	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.343	152	12165	0.272	ng/ul	0.00
18) Fluoranthene-d10	19.341	212	27719	0.357	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.386	88	299633	27.111	ng/ul#	74
5) Naphthalene	10.814	128	2568	0.030	ng/ul#	62
8) 1-Methylnaphthalene	12.635	142	1576	0.030	ng/ul#	65
10) Acenaphthylene	14.321	152	2316	0.030	ng/ul#	35
11) Acenaphthene	14.645	153	66397	0.995	ng/ul	98
12) Fluorene	15.626	166	5123	0.068	ng/ul#	81
15) Phenanthrene	17.361	178	4469	0.038	ng/ul#	45
16) Anthracene	17.453	178	4031	0.041	ng/ul#	39
20) Pyrene	19.704	202	5116	0.048	ng/ul#	1
26) Benzo(a)pyrene	23.735	252	5733	0.078	ng/ul#	40

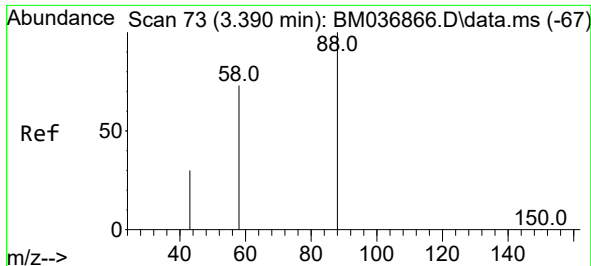
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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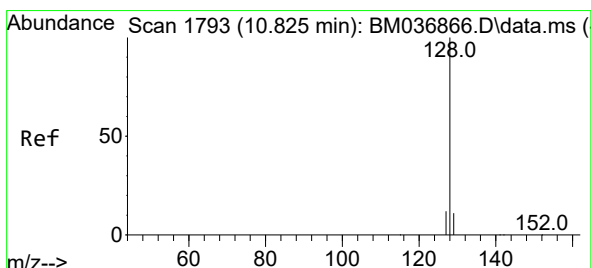
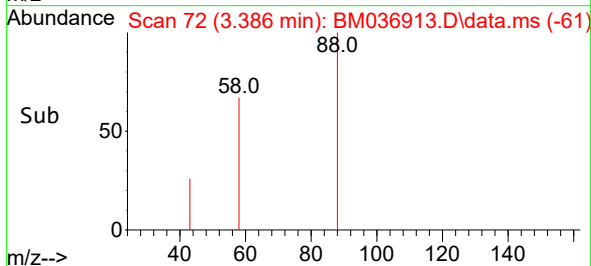
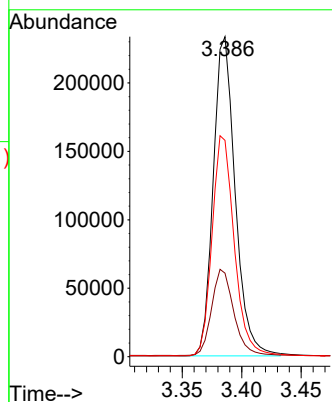
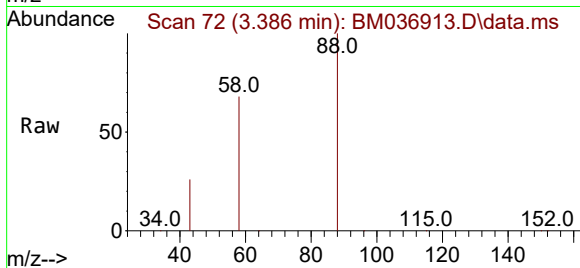




#2
1,4-Dioxane
Concen: 27.111 ng/ul
RT: 3.386 min Scan# 71
Delta R.T. -0.004 min
Lab File: BM036913.D
Acq: 10 Oct 2022 18:26

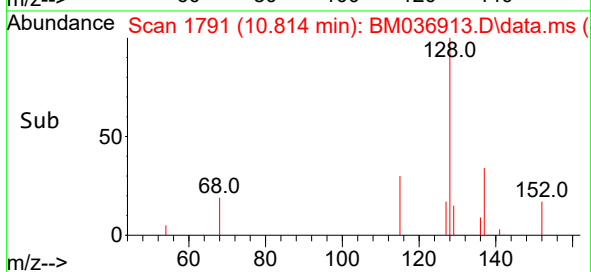
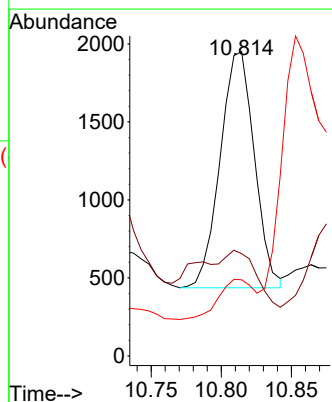
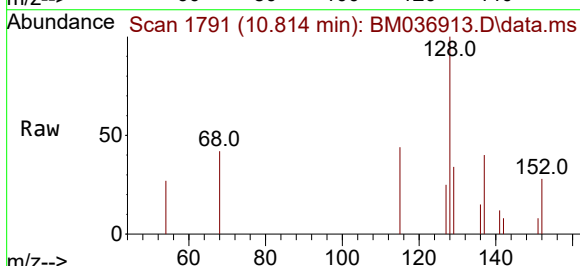
Instrument :
BNA_M
ClientSampleId :
CB8T8

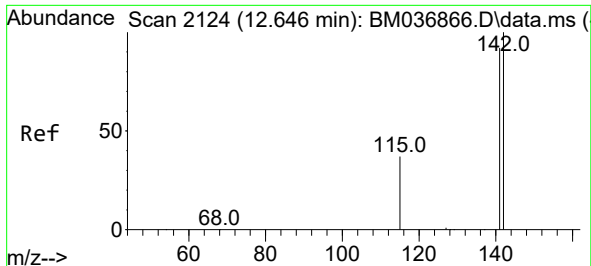
Tgt Ion: 88 Resp: 299633
Ion Ratio Lower Upper
88 100
43 26.1 37.8 56.6#
58 67.6 42.6 63.8#



#5
Naphthalene
Concen: 0.030 ng/ul
RT: 10.814 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BM036913.D
Acq: 10 Oct 2022 18:26

Tgt Ion: 128 Resp: 2568
Ion Ratio Lower Upper
128 100
129 33.6 10.2 15.2#
127 25.0 11.7 17.5#

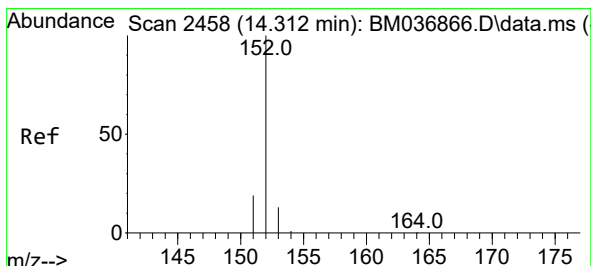
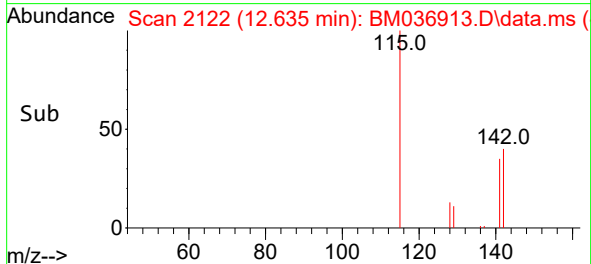
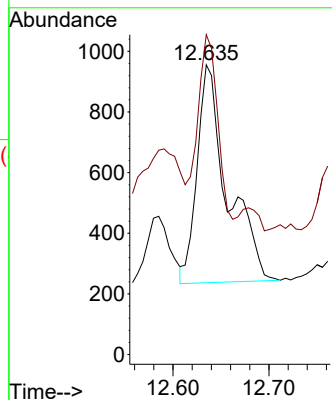
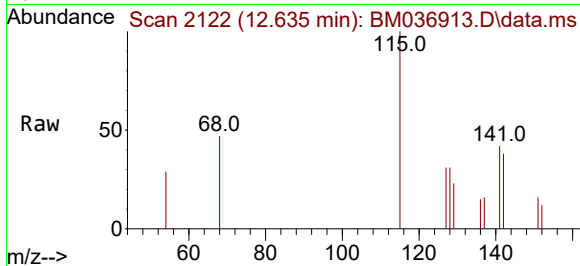




#8
1-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 12.635 min Scan# 2124
Delta R.T. -0.005 min
Lab File: BM036913.D
Acq: 10 Oct 2022 18:26

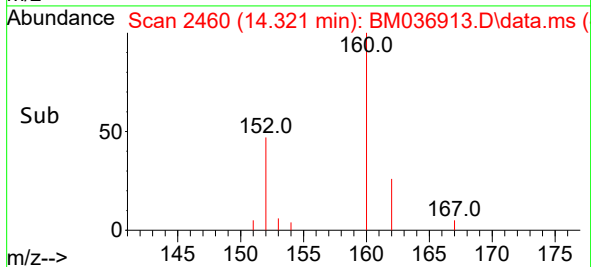
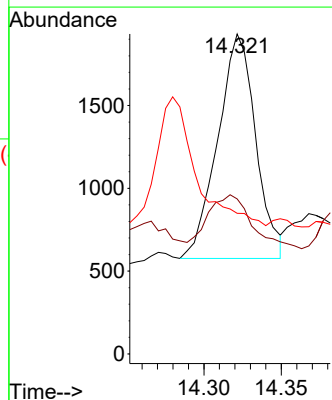
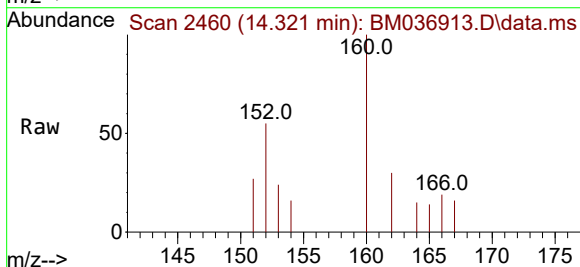
Instrument :
BNA_M
ClientSampleId :
CB8T8

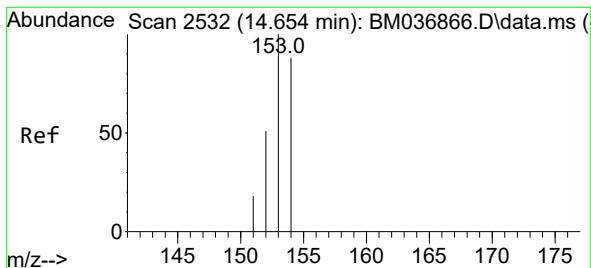
Tgt Ion:142 Resp: 1576
Ion Ratio Lower Upper
142 100
141 59.1 74.1 111.1#



#10
Acenaphthylene
Concen: 0.030 ng/ul
RT: 14.321 min Scan# 2460
Delta R.T. 0.014 min
Lab File: BM036913.D
Acq: 10 Oct 2022 18:26

Tgt Ion:152 Resp: 2316
Ion Ratio Lower Upper
152 100
151 48.4 16.6 24.8#
153 43.9 11.4 17.0#





#11

Acenaphthene

Concen: 0.995 ng/ul

RT: 14.645 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM036913.D

Acq: 10 Oct 2022 18:26

Instrument :

BNA_M

ClientSampleId :

CB8T8

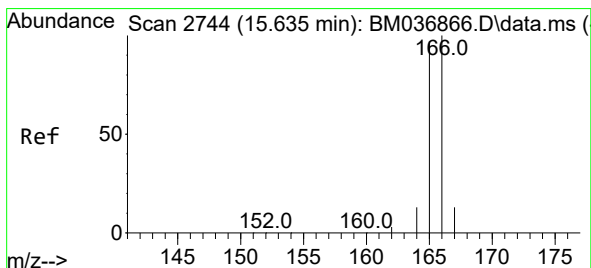
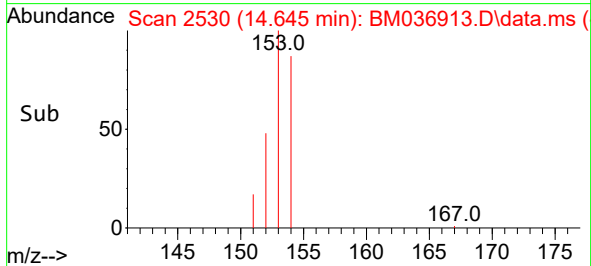
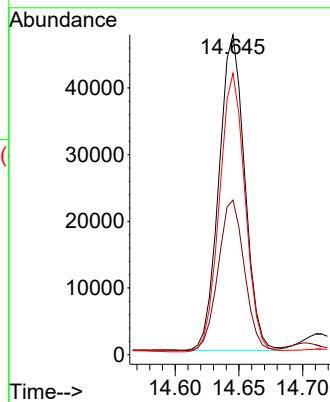
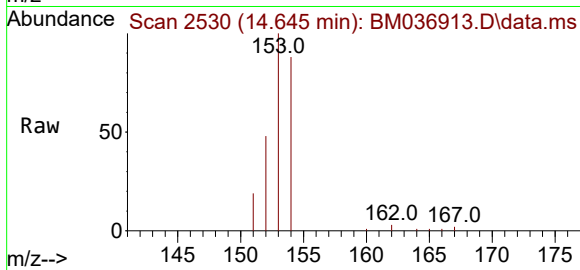
Tgt Ion:153 Resp: 66397

Ion Ratio Lower Upper

153 100

152 48.4 40.2 60.4

154 87.9 69.7 104.5



#12

Fluorene

Concen: 0.068 ng/ul

RT: 15.626 min Scan# 2742

Delta R.T. -0.005 min

Lab File: BM036913.D

Acq: 10 Oct 2022 18:26

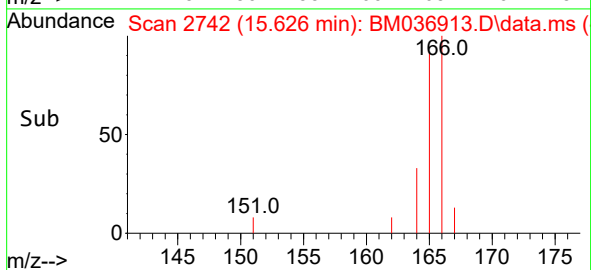
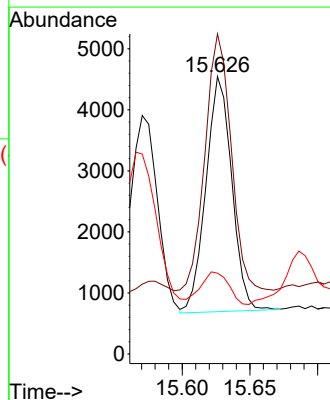
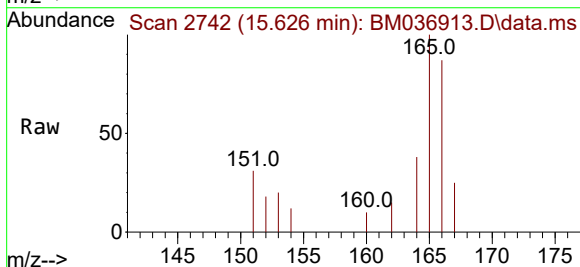
Tgt Ion:166 Resp: 5123

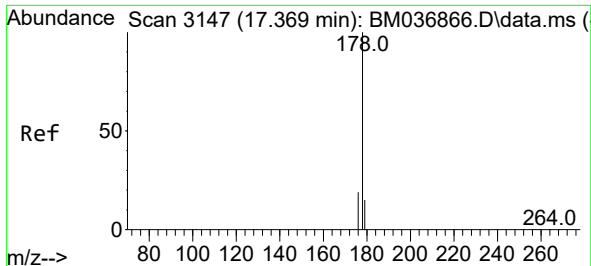
Ion Ratio Lower Upper

166 100

165 115.4 78.9 118.3

167 29.2 11.3 16.9#

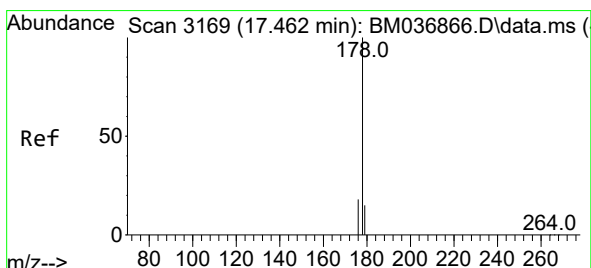
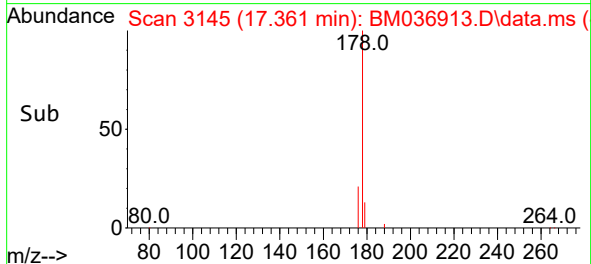
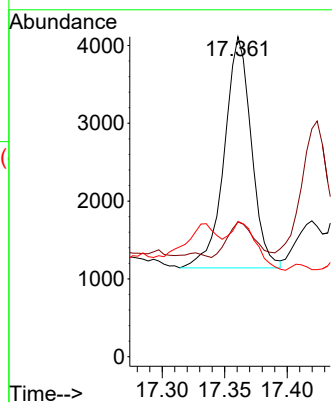
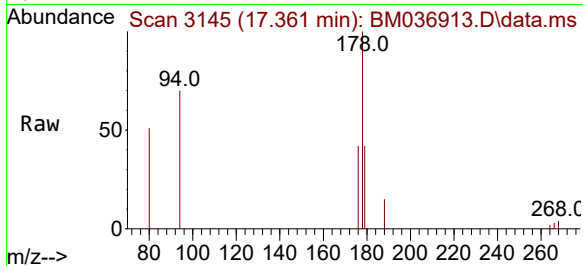




#15
Phenanthrene
Concen: 0.038 ng/ul
RT: 17.361 min Scan# 3147
Delta R.T. -0.004 min
Lab File: BM036913.D
Acq: 10 Oct 2022 18:26

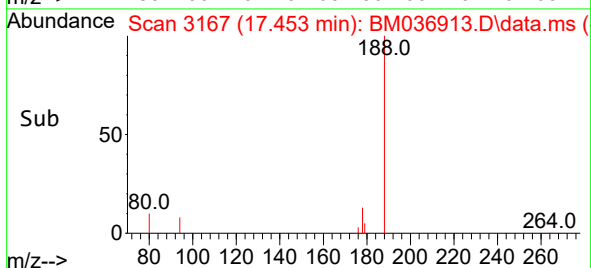
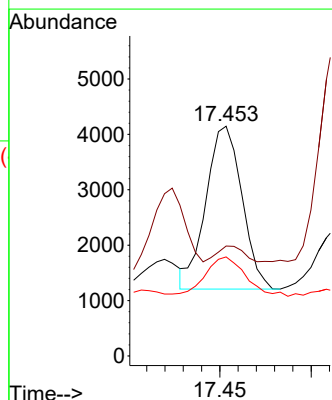
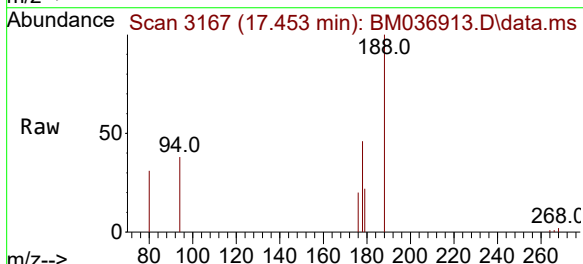
Instrument :
BNA_M
ClientSampleId :
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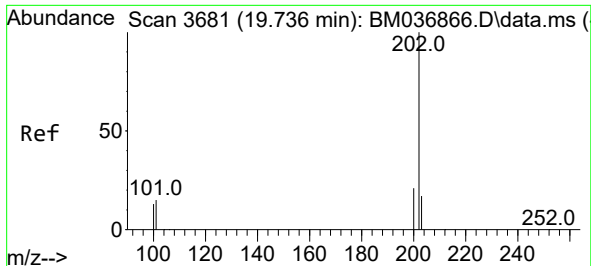
Tgt Ion:178 Resp: 4469
Ion Ratio Lower Upper
178 100
179 42.1 13.0 19.6#
176 42.2 15.6 23.4#



#16
Anthracene
Concen: 0.041 ng/ul
RT: 17.453 min Scan# 3167
Delta R.T. 0.000 min
Lab File: BM036913.D
Acq: 10 Oct 2022 18:26

Tgt Ion:178 Resp: 4031
Ion Ratio Lower Upper
178 100
179 47.8 13.6 20.4#
176 43.1 15.6 23.4#

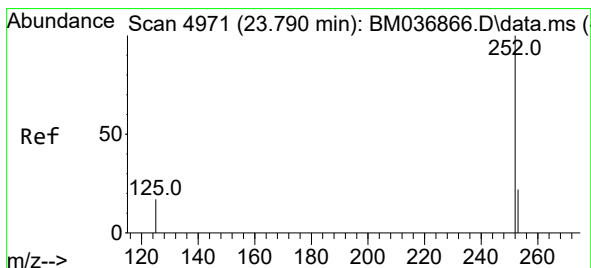
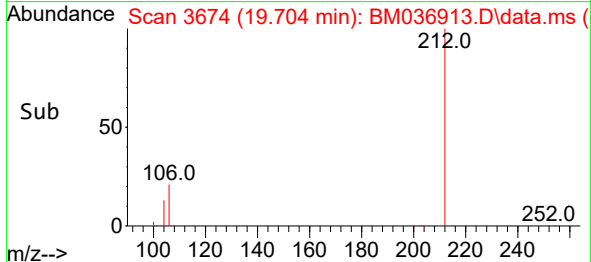
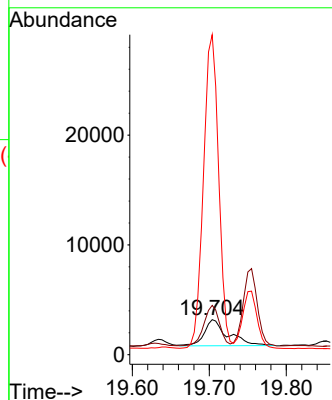
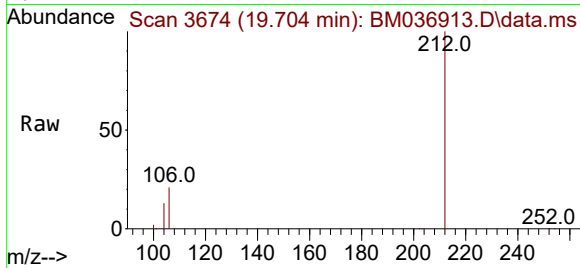




#20
Pyrene
Concen: 0.048 ng/ul
RT: 19.704 min Scan# 30
Delta R.T. -0.028 min
Lab File: BM036913.D
Acq: 10 Oct 2022 18:26

Instrument :
BNA_M
ClientSampleId :
CB8T8

Tgt Ion:202 Resp: 5116
Ion Ratio Lower Upper
202 100
101 140.5 12.0 18.0#
100 913.6 9.8 14.6#



#26
Benzo(a)pyrene
Concen: 0.078 ng/ul
RT: 23.735 min Scan# 4952
Delta R.T. -0.047 min
Lab File: BM036913.D
Acq: 10 Oct 2022 18:26

Tgt Ion:252 Resp: 5733
Ion Ratio Lower Upper
252 100
253 62.0 29.7 44.5#
125 74.3 23.6 35.4#

