

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
 Data File : BM046481.D
 Acq On : 09 Jul 2024 19:58
 Operator : MA/JU
 Sample : P3084-01
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1G74

Quant Time: Jul 10 00:47:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 08:09:14 2024
 Response via : Initial Calibration

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

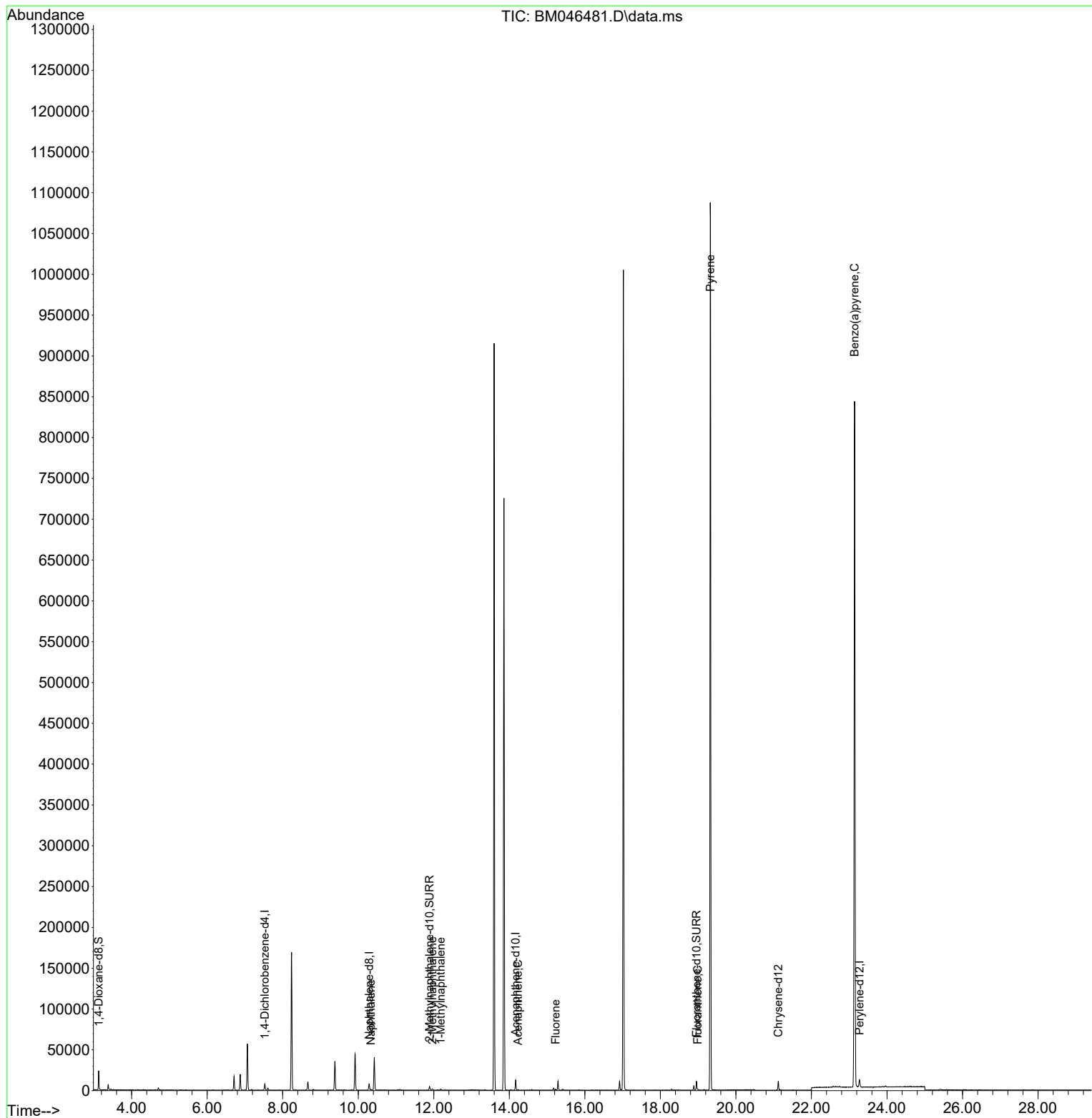
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.527	152	3751	0.400	ng/ul	0.00
4) Naphthalene-d8	10.286	136	9955	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.168	164	6532	0.400	ng/ul	0.00
13) Phenanthrene-d10	0.000	188	0	0.000	ng/ul	-16.92
17) Chrysene-d12	21.123	240	9640	0.400	ng/ul #	0.00
23) Perylene-d12	23.271	264	11169	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.126	96	12847	3.316	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.887	152	5450	0.370	ng/ul	0.00
18) Fluoranthene-d10	18.954	212	12405	0.367	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.336	128	1100	0.042	ng/ul#	82
7) 2-Methylnaphthalene	11.964	142	1062	0.059	ng/ul	99
8) 1-Methylnaphthalene	12.184	142	721	0.039	ng/ul	97
11) Acenaphthene	14.232	153	448	0.021	ng/ul#	93
12) Fluorene	15.227	166	680	0.027	ng/ul#	95
19) Fluoranthene	18.987	202	1038	0.021	ng/ul#	87
20) Pyrene	19.321	202	2892	0.058	ng/ul#	1
26) Benzo(a)pyrene	23.142	252	4995	0.133	ng/ul#	54

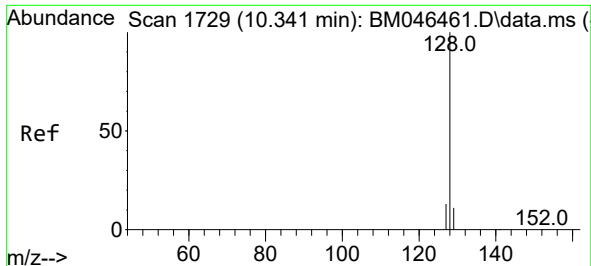
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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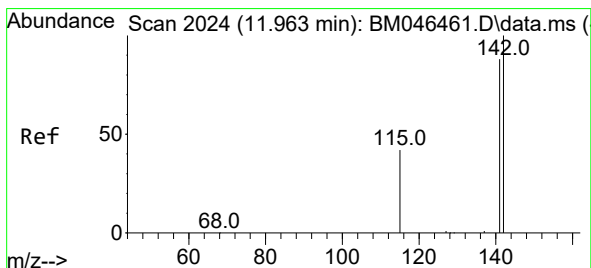
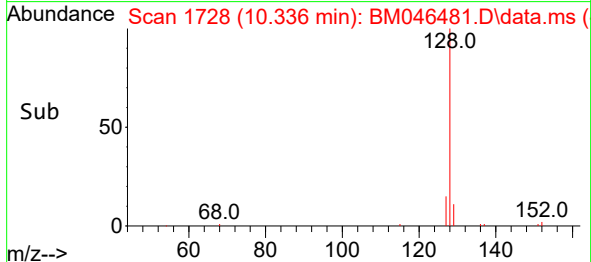
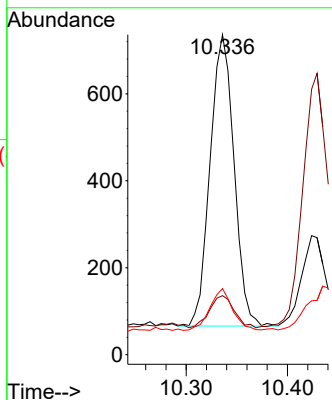
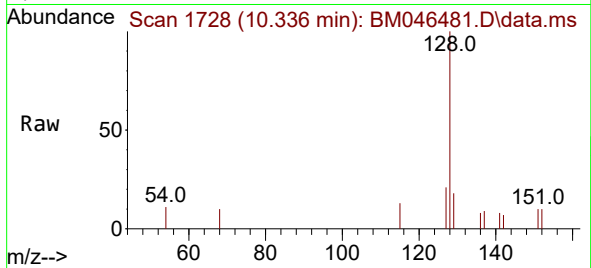




#5
Naphthalene
Concen: 0.042 ng/ul
RT: 10.336 min Scan# 1728
Delta R.T. -0.005 min
Lab File: BM046481.D
Acq: 09 Jul 2024 19:58

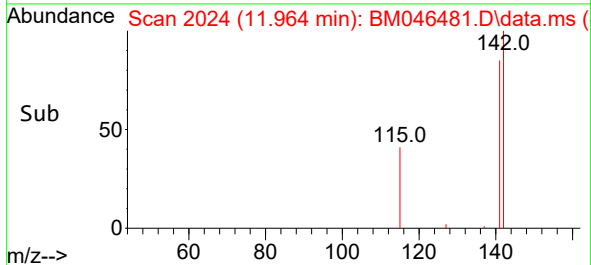
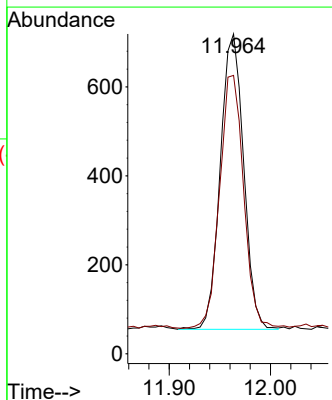
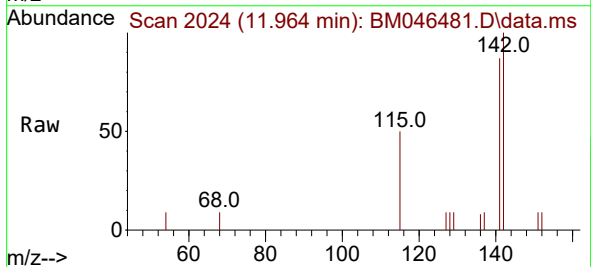
Instrument :
BNA_M
ClientSampleId :
E1G74

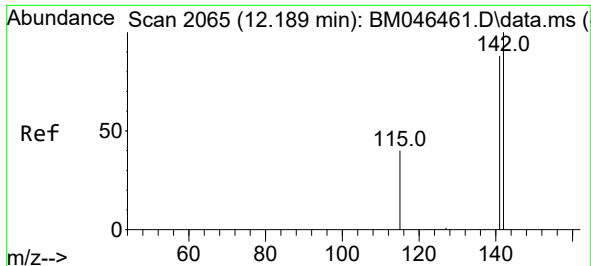
Tgt Ion:128 Resp: 1100
Ion Ratio Lower Upper
128 100
129 18.5 9.4 14.0#
127 20.7 10.8 16.2#



#7
2-Methylnaphthalene
Concen: 0.059 ng/ul
RT: 11.964 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BM046481.D
Acq: 09 Jul 2024 19:58

Tgt Ion:142 Resp: 1062
Ion Ratio Lower Upper
142 100
141 88.5 69.8 104.6

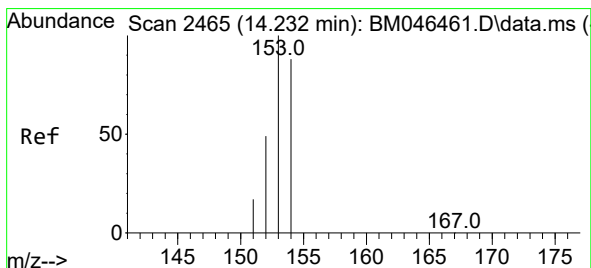
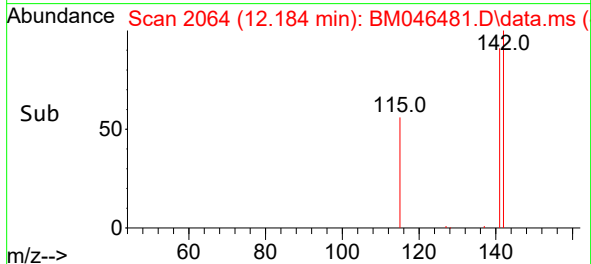
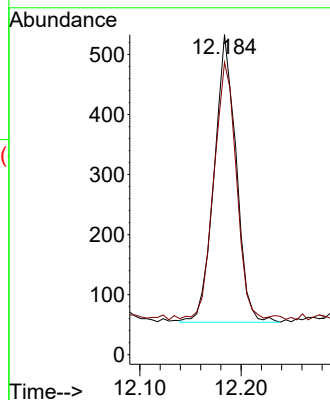
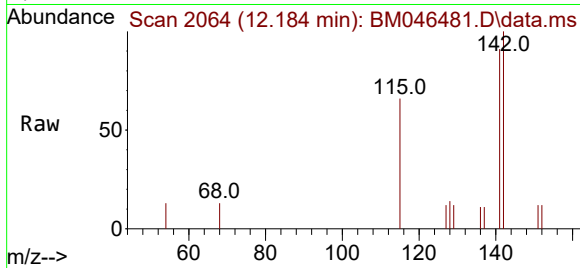




#8
1-Methylnaphthalene
Concen: 0.039 ng/ul
RT: 12.184 min Scan# 2064
Delta R.T. -0.005 min
Lab File: BM046481.D
Acq: 09 Jul 2024 19:58

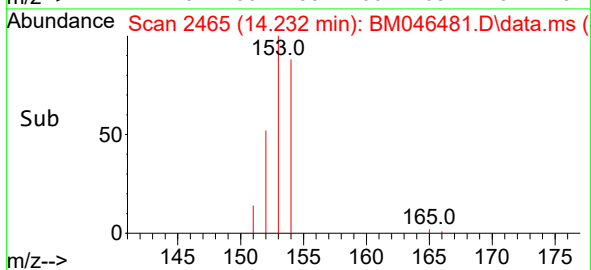
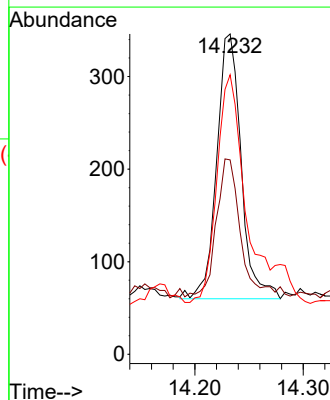
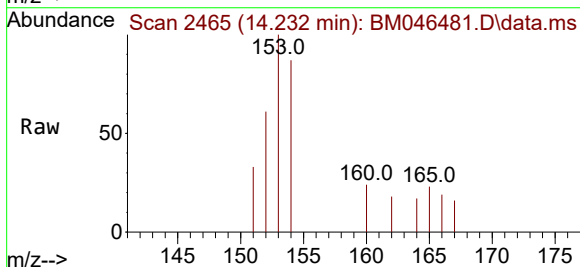
Instrument :
BNA_M
ClientSampleId :
E1G74

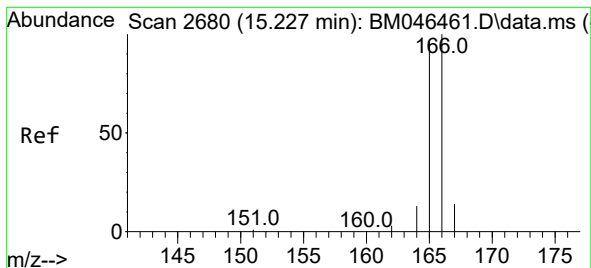
Tgt Ion:142 Resp: 721
Ion Ratio Lower Upper
142 100
141 92.9 72.4 108.6



#11
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.232 min Scan# 2465
Delta R.T. 0.000 min
Lab File: BM046481.D
Acq: 09 Jul 2024 19:58

Tgt Ion:153 Resp: 448
Ion Ratio Lower Upper
153 100
152 60.7 40.4 60.6#
154 87.3 72.1 108.1





#12

Fluorene

Concen: 0.027 ng/ul

RT: 15.227 min Scan# 2

Delta R.T. 0.000 min

Lab File: BM046481.D

Acq: 09 Jul 2024 19:58

Instrument :

BNA_M

ClientSampleId :

E1G74

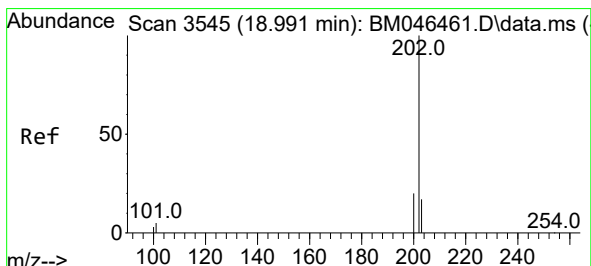
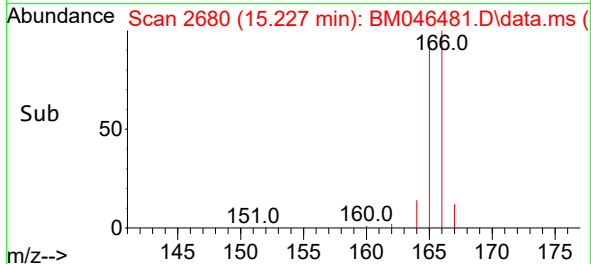
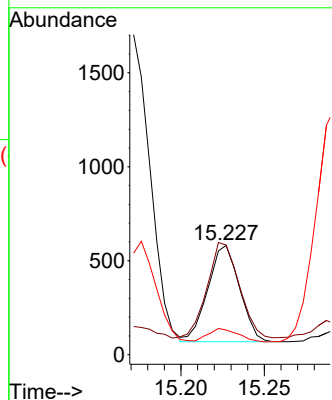
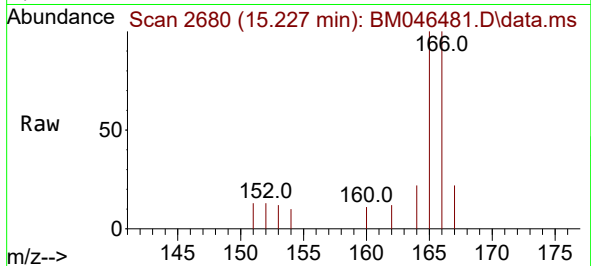
Tgt Ion:166 Resp: 680

Ion Ratio Lower Upper

166 100

165 100.2 78.0 117.0

167 22.5 11.4 17.0#



#19

Fluoranthene

Concen: 0.021 ng/ul

RT: 18.987 min Scan# 3544

Delta R.T. -0.005 min

Lab File: BM046481.D

Acq: 09 Jul 2024 19:58

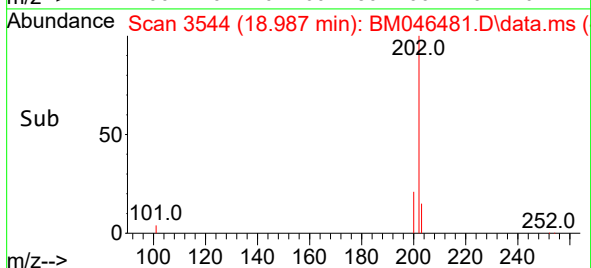
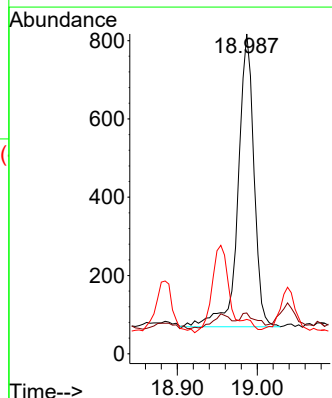
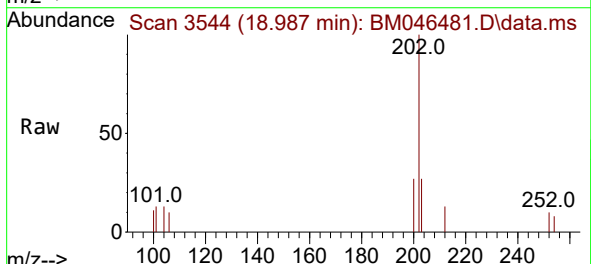
Tgt Ion:202 Resp: 1038

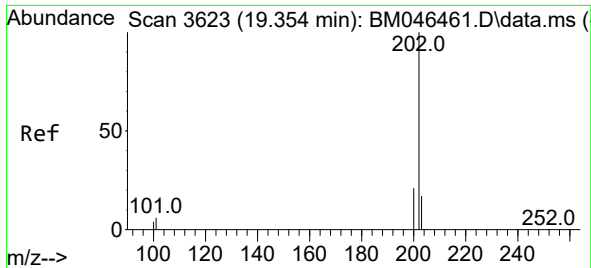
Ion Ratio Lower Upper

202 100

101 12.7 6.3 9.5#

100 10.8 5.0 7.6#

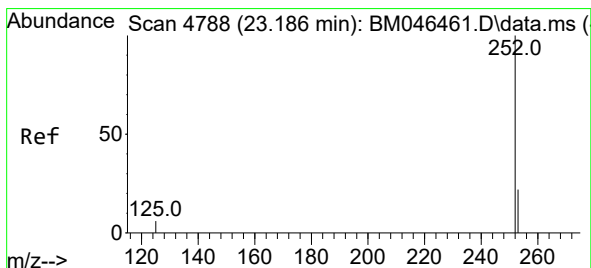
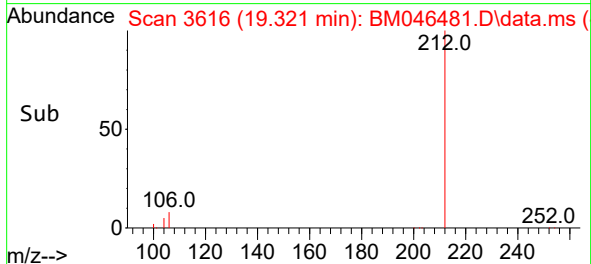
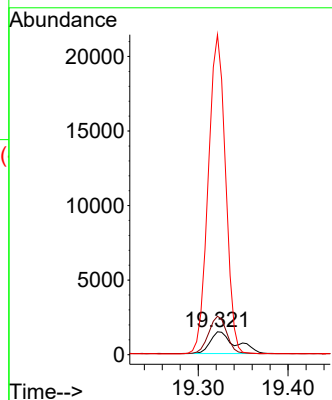
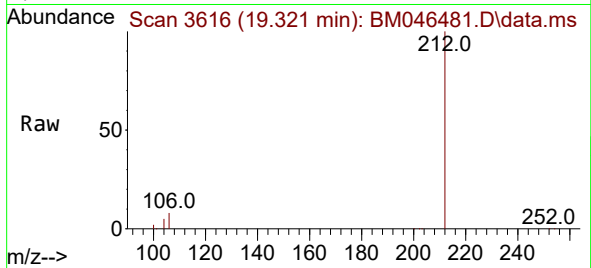




#20
Pyrene
Concen: 0.058 ng/ul
RT: 19.321 min Scan# 3616
Delta R.T. -0.032 min
Lab File: BM046481.D
Acq: 09 Jul 2024 19:58

Instrument :
BNA_M
ClientSampleId :
E1G74

Tgt Ion:202 Resp: 2892
Ion Ratio Lower Upper
202 100
101 168.2 8.2 12.4#
100 1400.1 6.9 10.3#



#26
Benzo(a)pyrene
Concen: 0.133 ng/ul
RT: 23.142 min Scan# 4773
Delta R.T. -0.044 min
Lab File: BM046481.D
Acq: 09 Jul 2024 19:58

Tgt Ion:252 Resp: 4995
Ion Ratio Lower Upper
252 100
253 43.4 18.9 28.3#
125 32.3 8.1 12.1#

