

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030923\
 Data File : BM038981.D
 Acq On : 10 Mar 2023 15:03
 Operator : CG/JU
 Sample : 01784-20DL 5X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCAE9DL

Quant Time: Mar 10 23:15:59 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM030323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 13:36:03 2023
 Response via : Initial Calibration

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

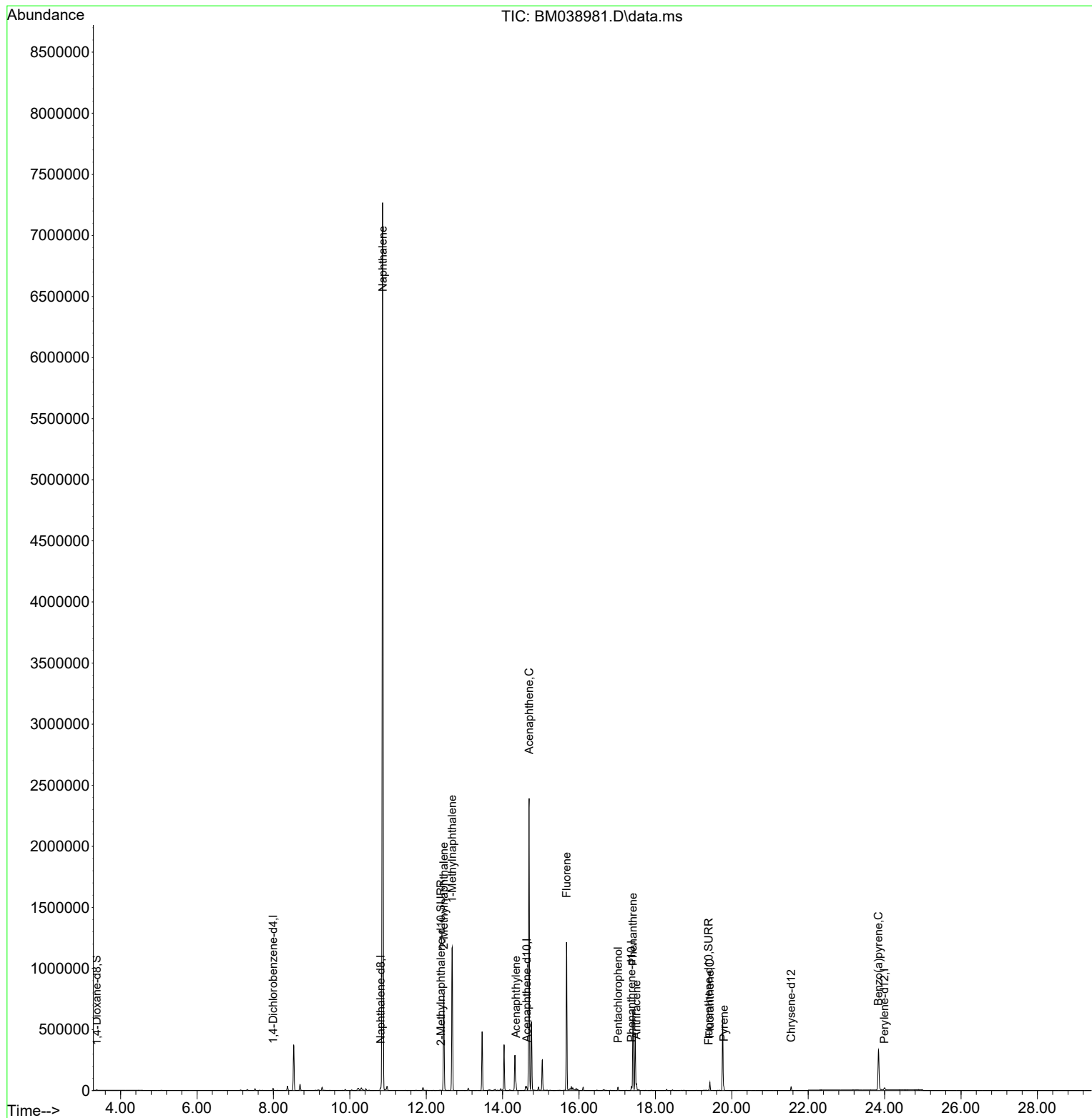
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.991	152	8207	0.400	ng/ul	0.00
4) Naphthalene-d8	10.805	136	28954	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.628	164	17913	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.370	188	35479	0.400	ng/ul	0.00
17) Chrysene-d12	21.553	240	28030	0.400	ng/ul	0.00
23) Perylene-d12	23.996	264	23854	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	3769	0.406	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.389	152	2526	0.072	ng/ul	0.00
18) Fluoranthene-d10	19.393	212	5806	0.087	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.860	128	10313359	148.986	ng/ul	98
7) 2-Methylnaphthalene	12.461	142	539963	12.855	ng/ul	100
8) 1-Methylnaphthalene	12.681	142	808852	18.355	ng/ul	98
10) Acenaphthylene	14.350	152	65238	1.002	ng/ul#	97
11) Acenaphthene	14.693	153	1357724	25.345	ng/ul	93
12) Fluorene	15.673	166	731944	12.103	ng/ul	99
14) Pentachlorophenol	17.020	266	16901	1.980	ng/ul	99
15) Phenanthrene	17.412	178	672049	7.166	ng/ul	99
16) Anthracene	17.505	178	50429	0.653	ng/ul	99
19) Fluoranthene	19.426	202	52862	0.557	ng/ul	99
20) Pyrene	19.788	202	25413	0.261	ng/ul	100
26) Benzo(a)pyrene	23.838	252	1841	0.025	ng/ul#	1

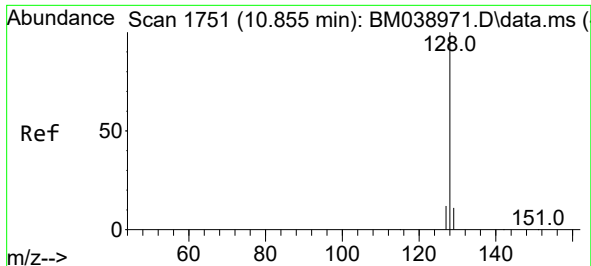
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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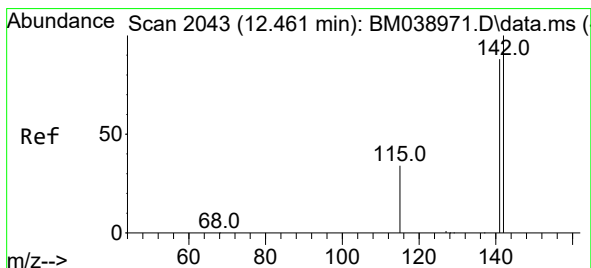
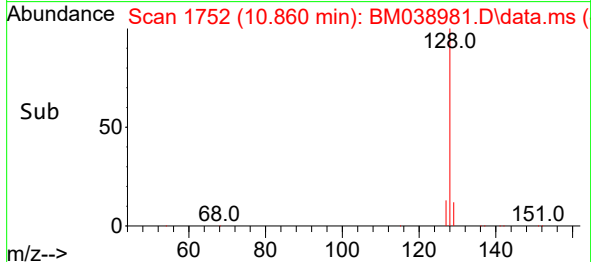
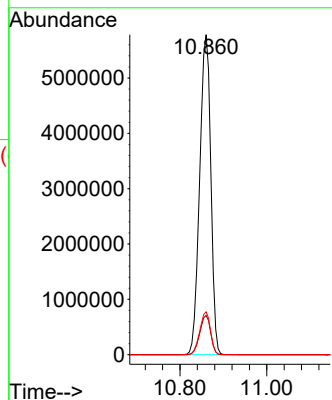
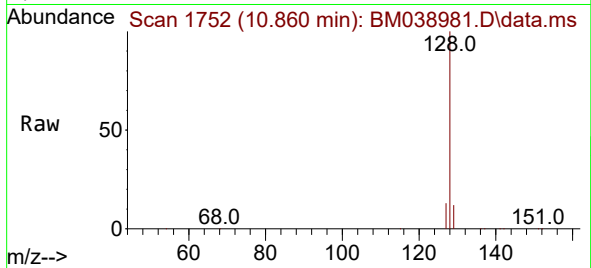




#5
Naphthalene
Concen: 148.986 ng/ul
RT: 10.860 min Scan# 1751
Delta R.T. 0.005 min
Lab File: BM038981.D
Acq: 10 Mar 2023 15:03

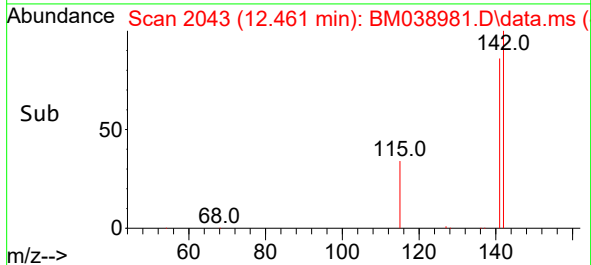
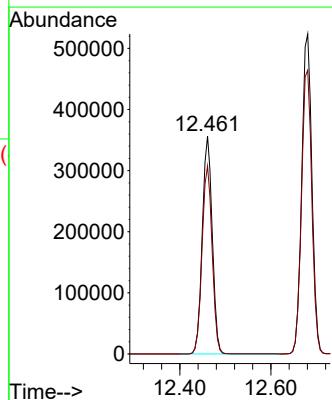
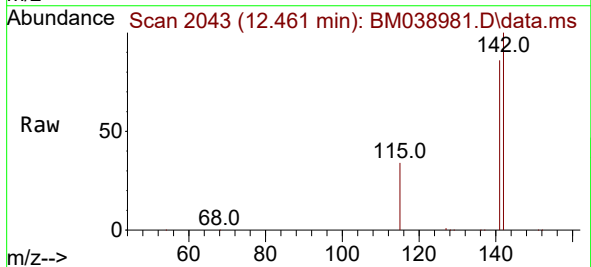
Instrument :
BNA_M
ClientSampleId :
DCAE9DL

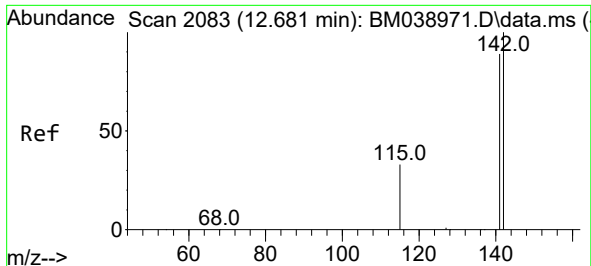
Tgt Ion:128 Resp:10313359
Ion Ratio Lower Upper
128 100
129 12.2 9.1 13.7
127 13.4 10.3 15.5



#7
2-Methylnaphthalene
Concen: 12.855 ng/ul
RT: 12.461 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BM038981.D
Acq: 10 Mar 2023 15:03

Tgt Ion:142 Resp: 539963
Ion Ratio Lower Upper
142 100
141 87.2 69.9 104.9

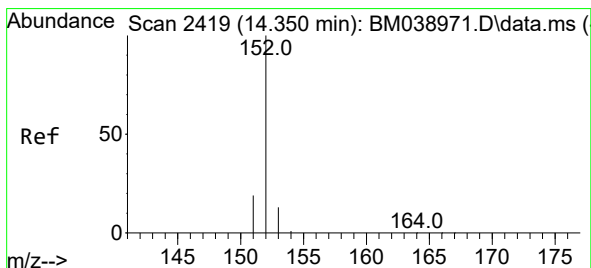
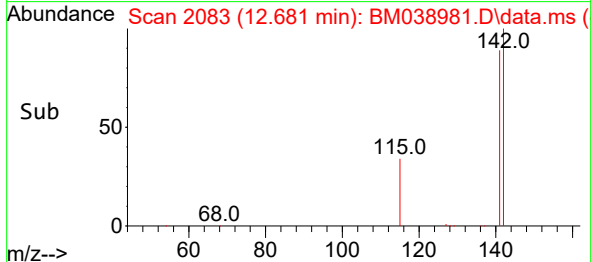
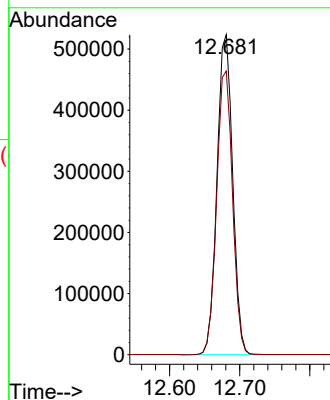
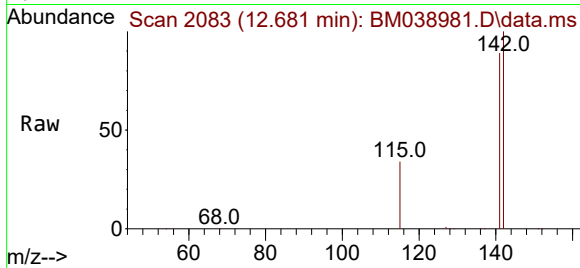




#8
1-Methylnaphthalene
Concen: 18.355 ng/ul
RT: 12.681 min Scan# 2083
Delta R.T. -0.000 min
Lab File: BM038981.D
Acq: 10 Mar 2023 15:03

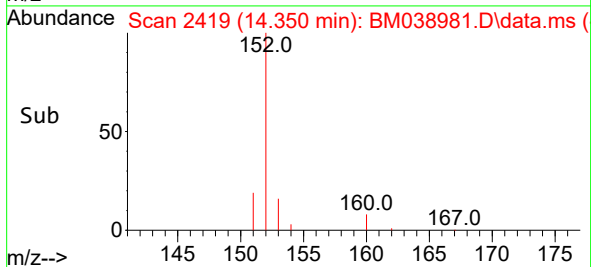
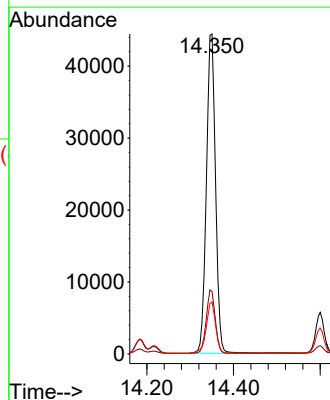
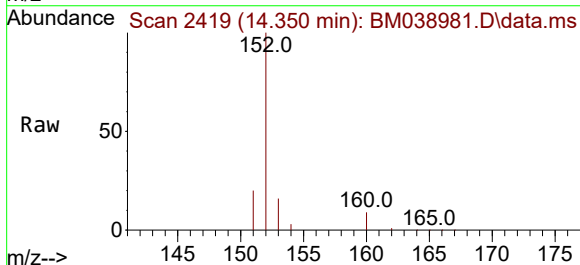
Instrument :
BNA_M
ClientSampleId :
DCAE9DL

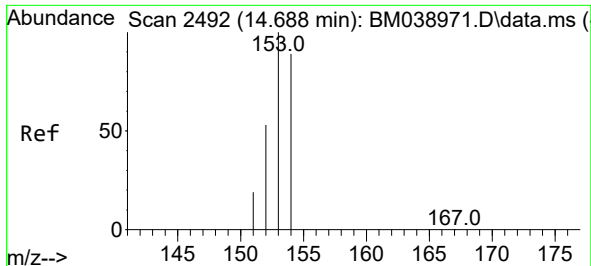
Tgt Ion:142 Resp: 808852
Ion Ratio Lower Upper
142 100
141 89.9 73.5 110.3



#10
Acenaphthylene
Concen: 1.002 ng/ul
RT: 14.350 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BM038981.D
Acq: 10 Mar 2023 15:03

Tgt Ion:152 Resp: 65238
Ion Ratio Lower Upper
152 100
151 19.5 15.6 23.4
153 16.2 10.6 15.8#

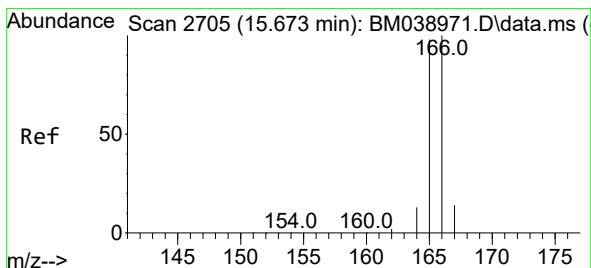
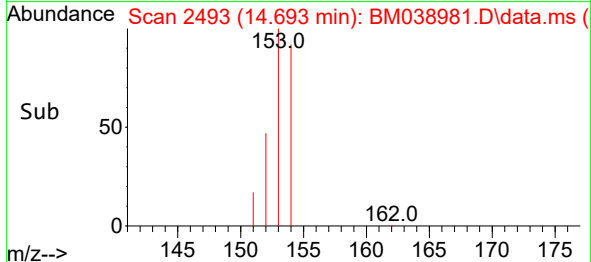
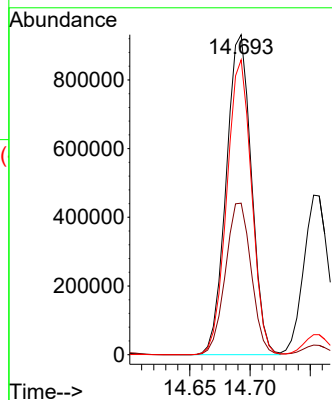
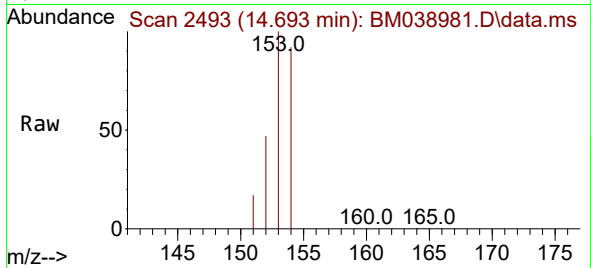




#11
Acenaphthene
Concen: 25.345 ng/ul
RT: 14.693 min Scan# 2493
Delta R.T. -0.000 min
Lab File: BM038981.D
Acq: 10 Mar 2023 15:03

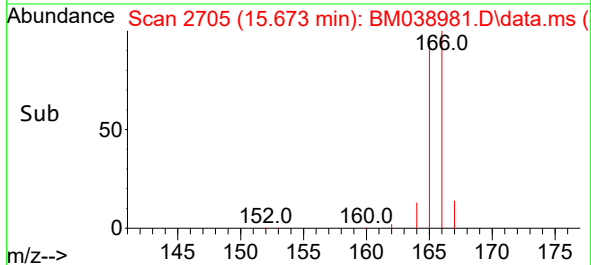
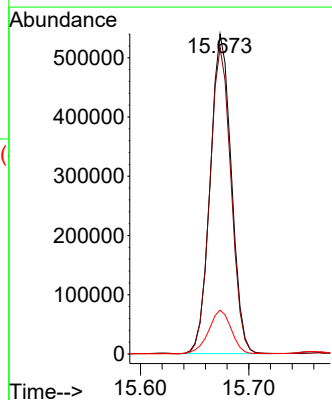
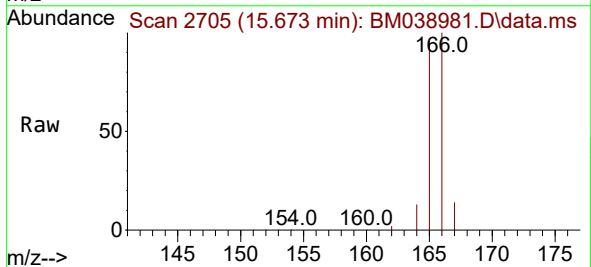
Instrument :
BNA_M
ClientSampleId :
DCAE9DL

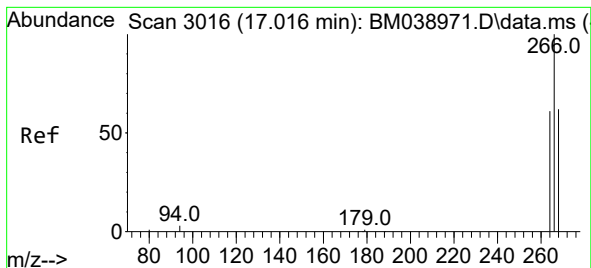
Tgt Ion:153 Resp: 1357724
Ion Ratio Lower Upper
153 100
152 47.4 44.2 66.2
154 92.2 70.6 105.8



#12
Fluorene
Concen: 12.103 ng/ul
RT: 15.673 min Scan# 2705
Delta R.T. -0.005 min
Lab File: BM038981.D
Acq: 10 Mar 2023 15:03

Tgt Ion:166 Resp: 731944
Ion Ratio Lower Upper
166 100
165 95.8 77.8 116.6
167 13.7 11.4 17.2





#14

Pentachlorophenol

Concen: 1.980 ng/ul

RT: 17.020 min Scan# 3016

Delta R.T. -0.000 min

Lab File: BM038981.D

Acq: 10 Mar 2023 15:03

Instrument :

BNA_M

ClientSampleId :

DCAE9DL

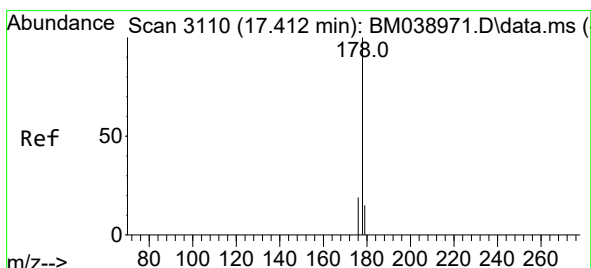
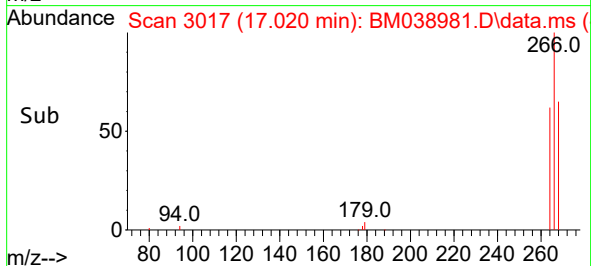
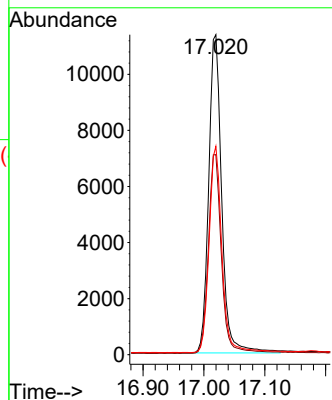
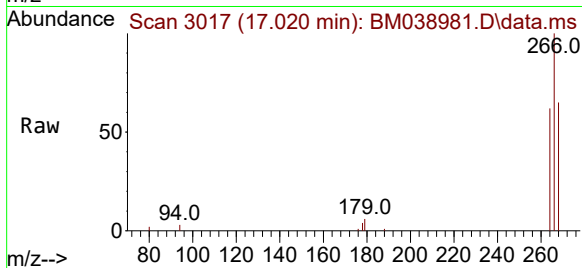
Tgt Ion:266 Resp: 16901

Ion Ratio Lower Upper

266 100

264 62.6 50.2 75.2

268 64.0 50.2 75.4



#15

Phenanthrene

Concen: 7.166 ng/ul

RT: 17.412 min Scan# 3110

Delta R.T. -0.004 min

Lab File: BM038981.D

Acq: 10 Mar 2023 15:03

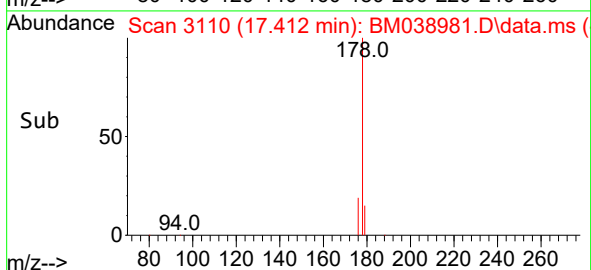
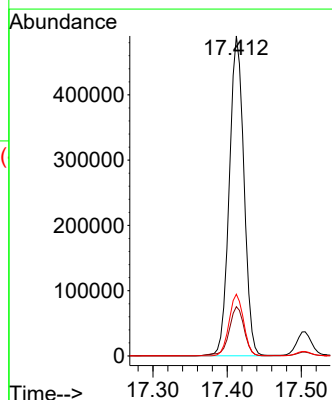
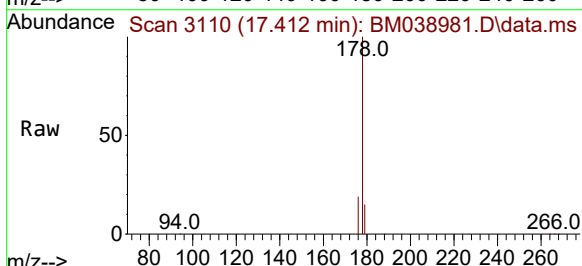
Tgt Ion:178 Resp: 672049

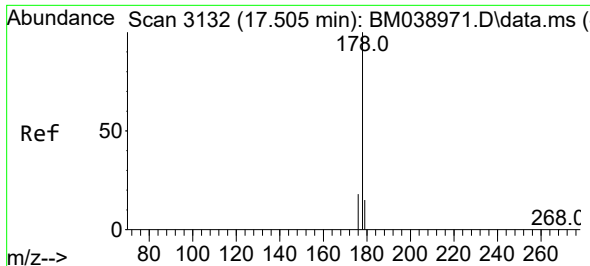
Ion Ratio Lower Upper

178 100

179 15.4 12.7 19.1

176 19.3 15.9 23.9

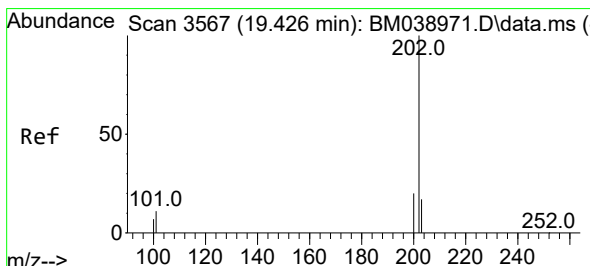
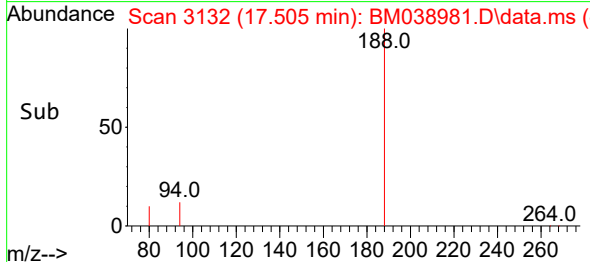
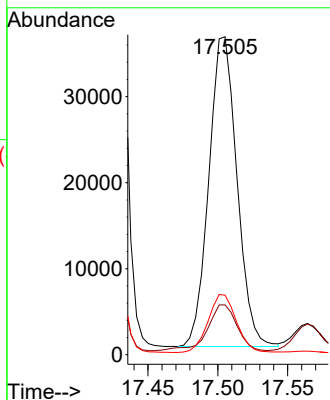
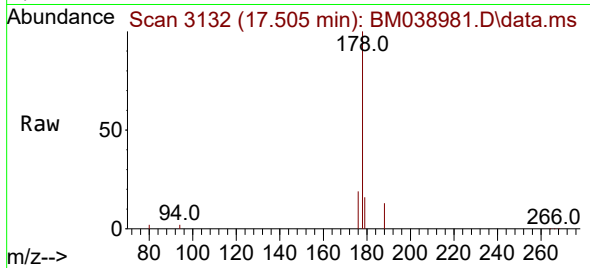




#16
 Anthracene
 Concen: 0.653 ng/ul
 RT: 17.505 min Scan# 3132
 Delta R.T. -0.000 min
 Lab File: BM038981.D
 Acq: 10 Mar 2023 15:03

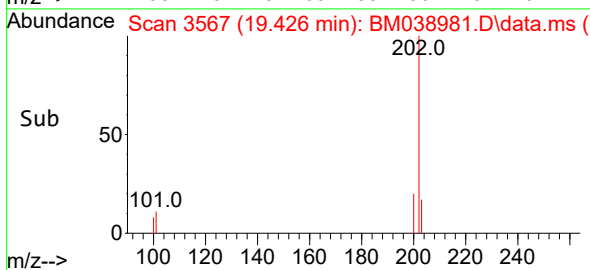
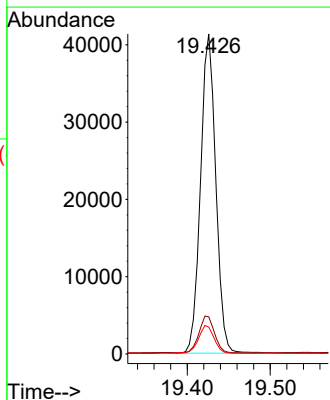
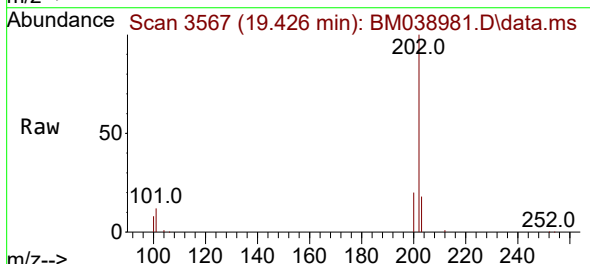
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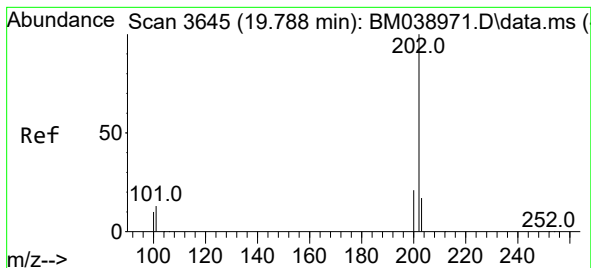
Tgt Ion:	178	Resp:	50429
Ion Ratio	Lower	Upper	
178	100		
179	15.7	13.0	19.6
176	18.7	15.4	23.2



#19
 Fluoranthene
 Concen: 0.557 ng/ul
 RT: 19.426 min Scan# 3567
 Delta R.T. -0.000 min
 Lab File: BM038981.D
 Acq: 10 Mar 2023 15:03

Tgt Ion:	202	Resp:	52862
Ion Ratio	Lower	Upper	
202	100		
101	11.6	8.9	13.3
100	8.4	6.8	10.2





#20

Pyrene

Concen: 0.261 ng/ul

RT: 19.788 min Scan# 3

Delta R.T. -0.000 min

Lab File: BM038981.D

Acq: 10 Mar 2023 15:03

Instrument :

BNA_M

ClientSampleId :

DCAE9DL

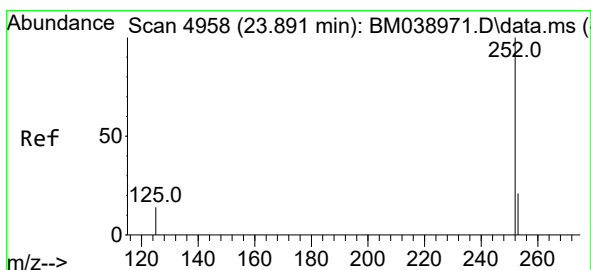
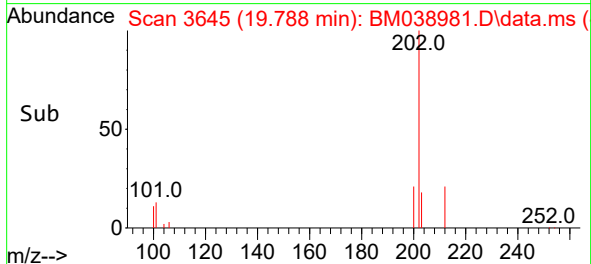
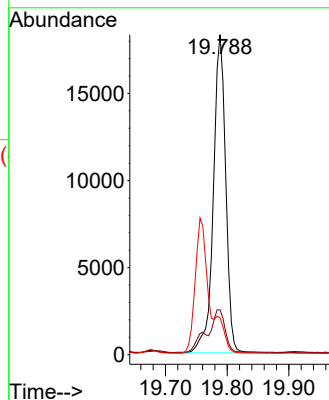
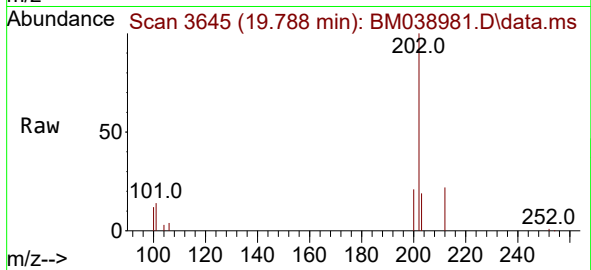
Tgt Ion:202 Resp: 25413

Ion Ratio Lower Upper

202 100

101 14.0 11.2 16.8

100 11.5 9.0 13.6



#26

Benzo(a)pyrene

Concen: 0.025 ng/ul

RT: 23.838 min Scan# 4940

Delta R.T. -0.050 min

Lab File: BM038981.D

Acq: 10 Mar 2023 15:03

Tgt Ion:252 Resp: 1841

Ion Ratio Lower Upper

252 100

253 67.7 20.3 30.5#

125 78.4 14.0 21.0#

