

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036908.D
 Acq On : 10 Oct 2022 15:25
 Operator : CG/JU
 Sample : N4824-04DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB8P1DL

Quant Time: Oct 11 02:17:23 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)

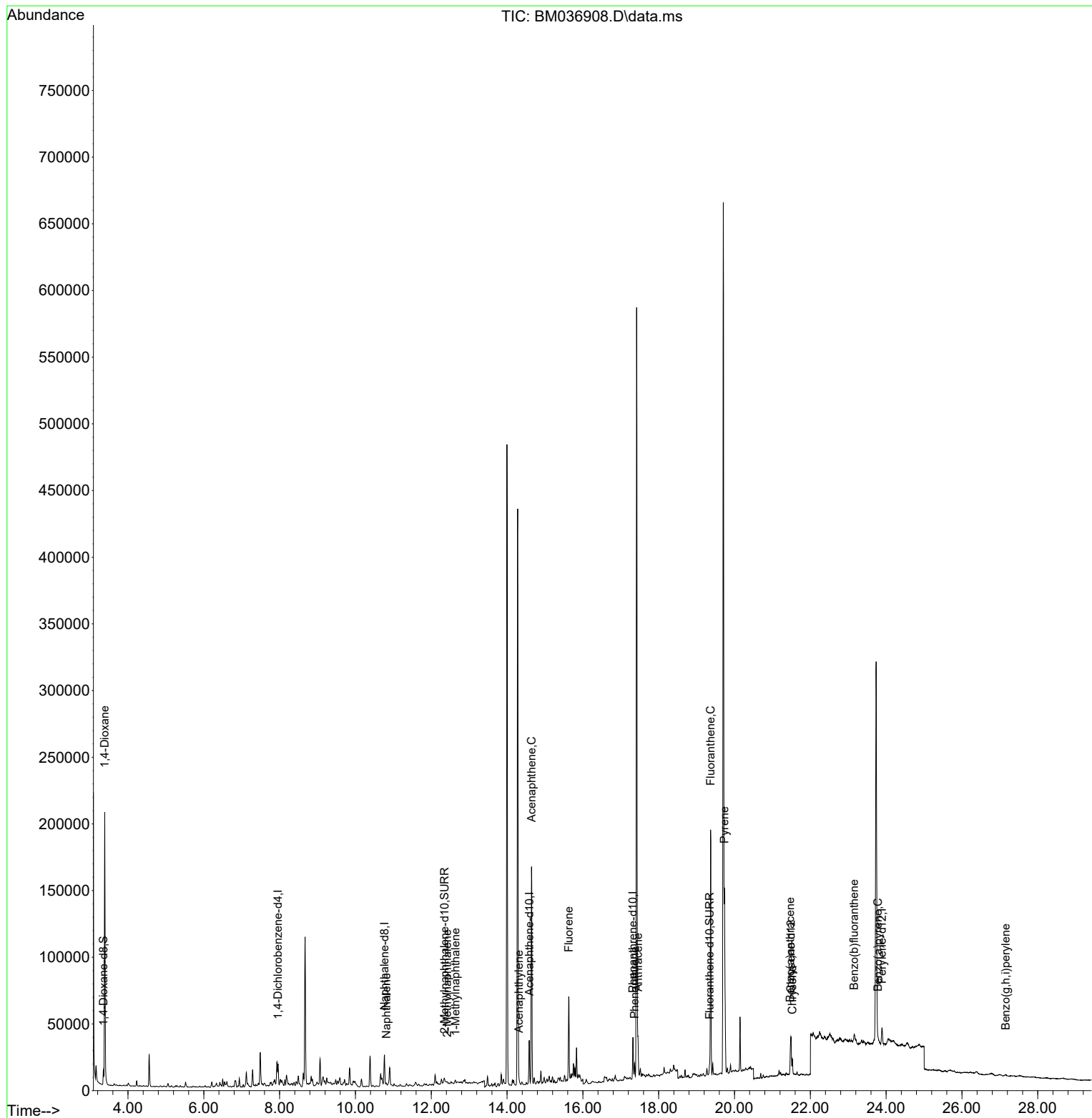
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	8256	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	29942	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.585	164	18303	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.323	188	35452	0.400	ng/ul #	0.00
17) Chrysene-d12	21.490	240	20986	0.400	ng/ul #	0.00
23) Perylene-d12	23.890	264	18670	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	6457	0.555	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.349	152	4447	0.098	ng/ul	0.00
18) Fluoranthene-d10	19.341	212	8237	0.131	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.386	88	130285	11.447	ng/ul#	74
5) Naphthalene	10.814	128	1760	0.021	ng/ul#	39
7) 2-Methylnaphthalene	12.420	142	1228	0.023	ng/ul	92
8) 1-Methylnaphthalene	12.640	142	1753	0.033	ng/ul	84
10) Acenaphthylene	14.312	152	3252	0.043	ng/ul#	16
11) Acenaphthene	14.645	153	94047	1.424	ng/ul	98
12) Fluorene	15.626	166	39054	0.522	ng/ul	98
15) Phenanthrene	17.361	178	11546	0.102	ng/ul#	75
16) Anthracene	17.453	178	28086	0.297	ng/ul#	92
19) Fluoranthene	19.369	202	149444	1.790	ng/ul	99
20) Pyrene	19.732	202	113527	1.304	ng/ul	98
21) Benzo(a)anthracene	21.473	228	15395	0.203	ng/ul#	82
22) Chrysene	21.525	228	13130	0.161	ng/ul#	76
24) Benzo(b)fluoranthene	23.156	252	6318	0.076	ng/ul#	1
26) Benzo(a)pyrene	23.782	252	4101	0.061	ng/ul#	1
29) Benzo(g,h,i)perylene	27.150	276	2058	0.024	ng/ul#	1

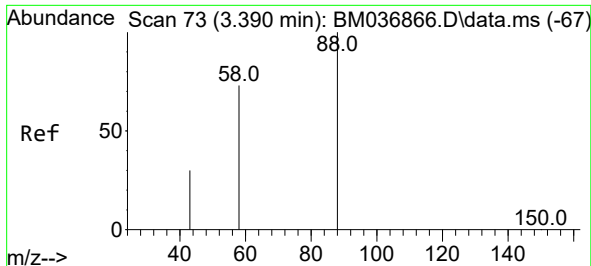
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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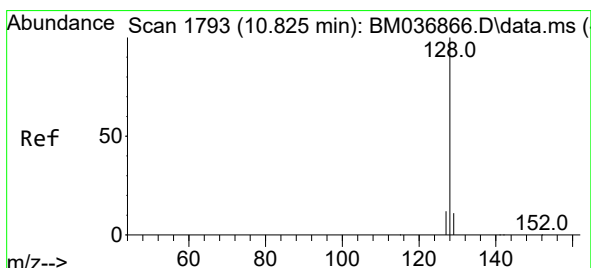
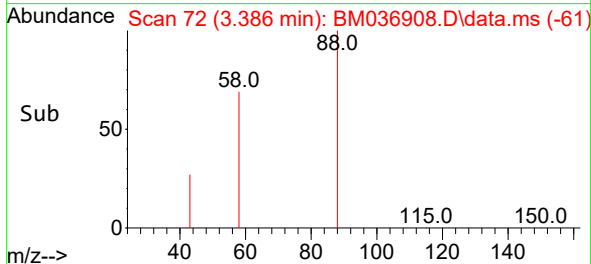
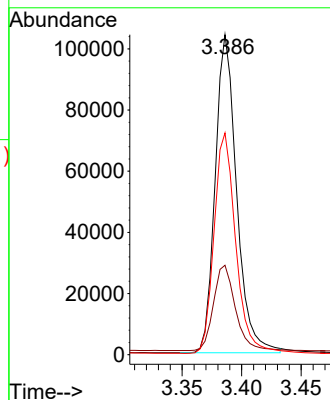
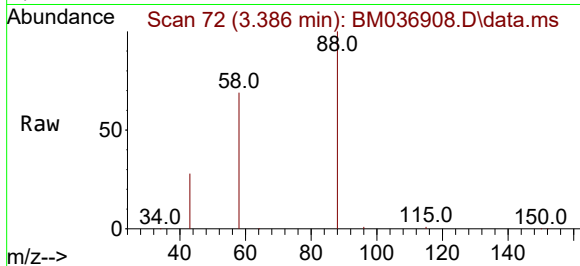




#2
1,4-Dioxane
Concen: 11.447 ng/ul
RT: 3.386 min Scan# 71
Delta R.T. -0.004 min
Lab File: BM036908.D
Acq: 10 Oct 2022 15:25

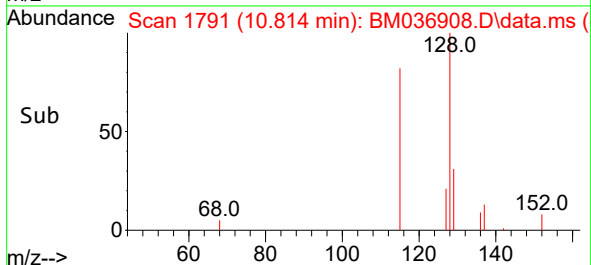
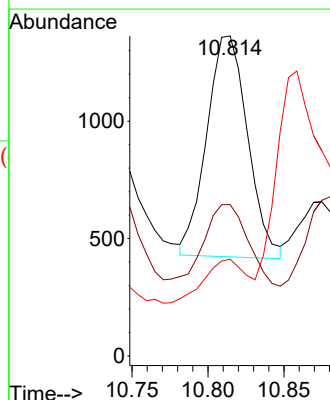
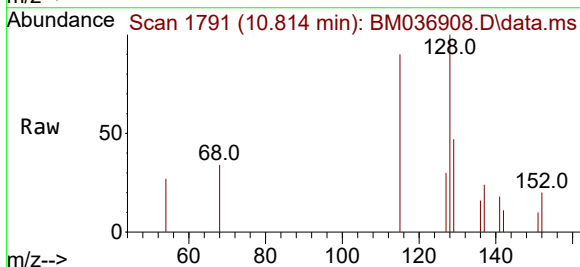
Instrument :
BNA_M
ClientSampleId :
CB8P1DL

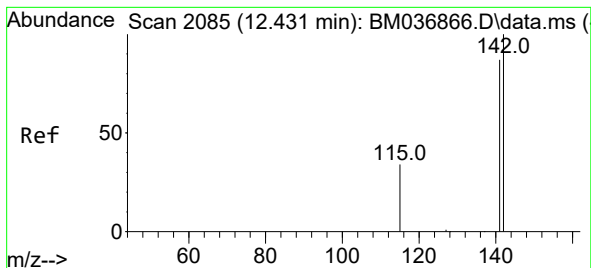
Tgt Ion: 88 Resp: 130285
Ion Ratio Lower Upper
88 100
43 28.0 37.8 56.6#
58 69.3 42.6 63.8#



#5
Naphthalene
Concen: 0.021 ng/ul
RT: 10.814 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BM036908.D
Acq: 10 Oct 2022 15:25

Tgt Ion: 128 Resp: 1760
Ion Ratio Lower Upper
128 100
129 47.3 10.2 15.2#
127 30.2 11.7 17.5#

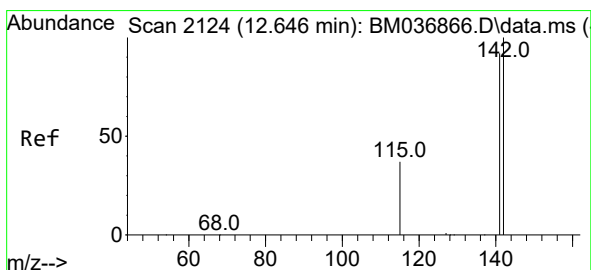
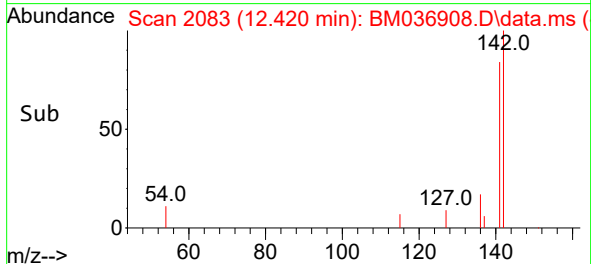
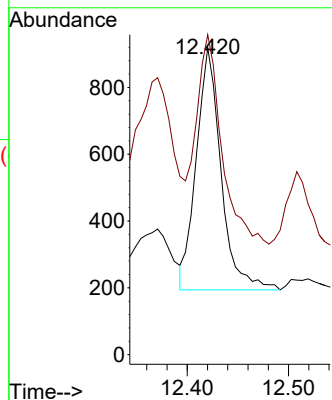
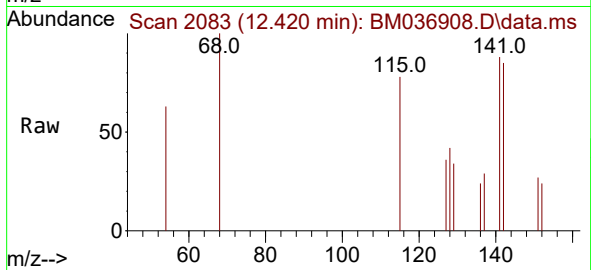




#7
2-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 12.420 min Scan# 2085
Delta R.T. 0.000 min
Lab File: BM036908.D
Acq: 10 Oct 2022 15:25

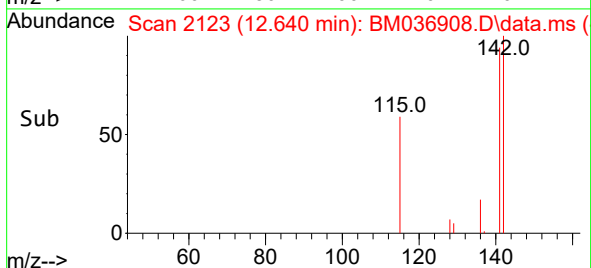
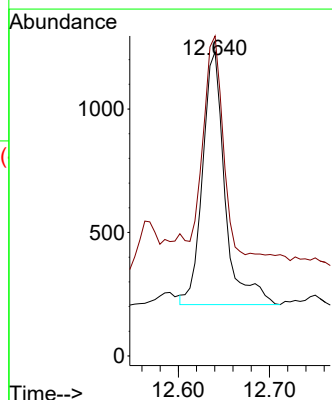
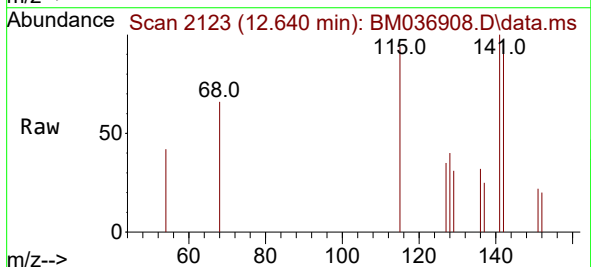
Instrument :
BNA_M
ClientSampleId :
CB8P1DL

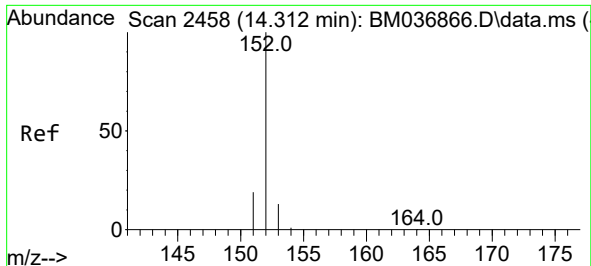
Tgt Ion:142 Resp: 1228
Ion Ratio Lower Upper
142 100
141 88.8 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.033 ng/ul
RT: 12.640 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BM036908.D
Acq: 10 Oct 2022 15:25

Tgt Ion:142 Resp: 1753
Ion Ratio Lower Upper
142 100
141 76.8 74.1 111.1

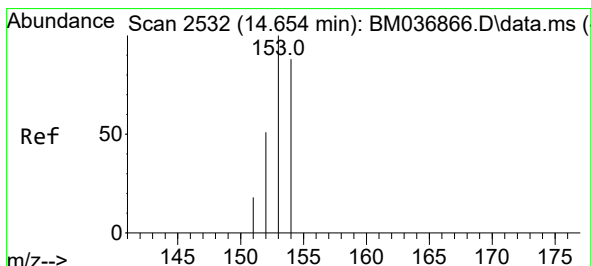
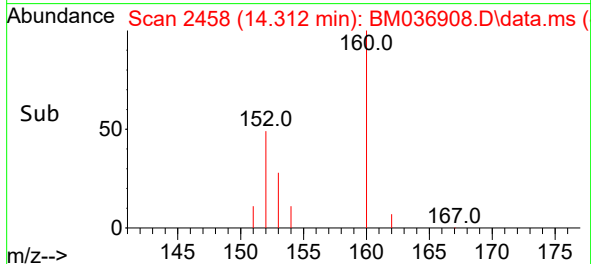
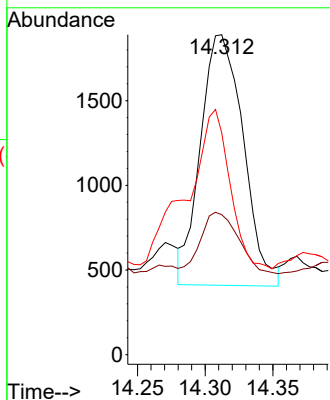
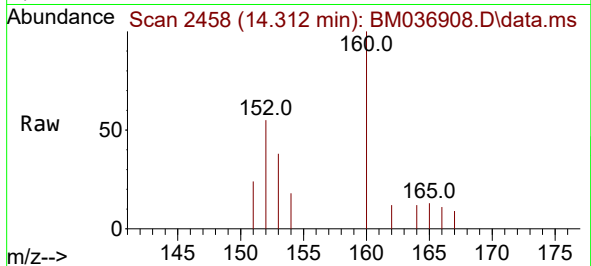




#10
Acenaphthylene
Concen: 0.043 ng/ul
RT: 14.312 min Scan# 2458
Delta R.T. 0.005 min
Lab File: BM036908.D
Acq: 10 Oct 2022 15:25

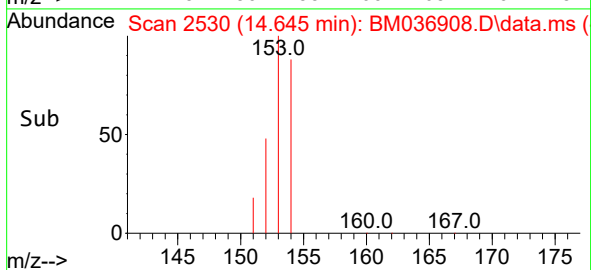
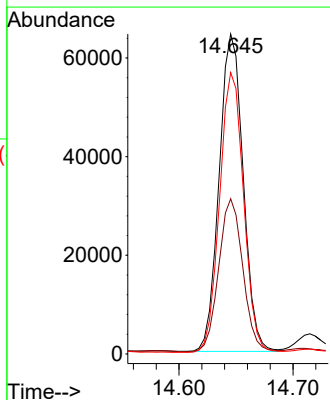
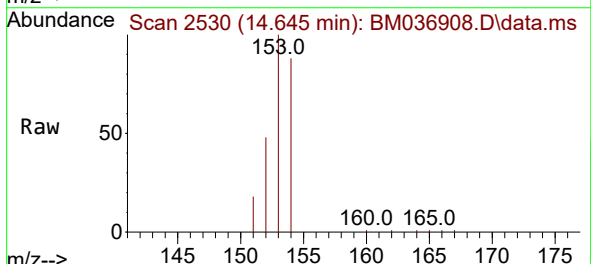
Instrument :
BNA_M
ClientSampleId :
CB8P1DL

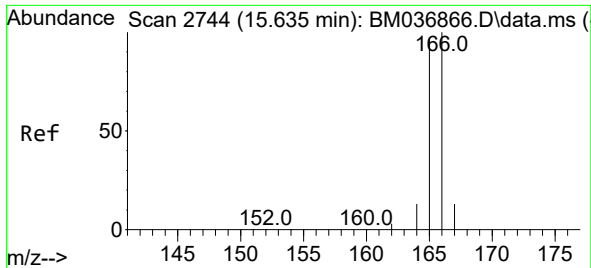
Tgt Ion:152 Resp: 3252
Ion Ratio Lower Upper
152 100
151 43.8 16.6 24.8#
153 69.4 11.4 17.0#



#11
Acenaphthene
Concen: 1.424 ng/ul
RT: 14.645 min Scan# 2530
Delta R.T. 0.000 min
Lab File: BM036908.D
Acq: 10 Oct 2022 15:25

Tgt Ion:153 Resp: 94047
Ion Ratio Lower Upper
153 100
152 48.5 40.2 60.4
154 88.0 69.7 104.5

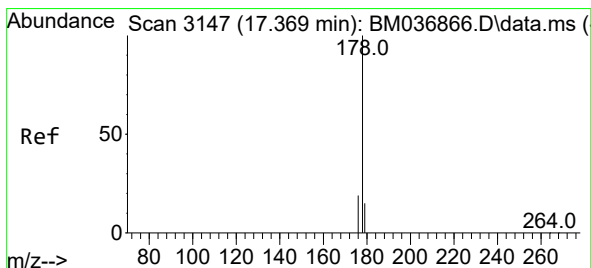
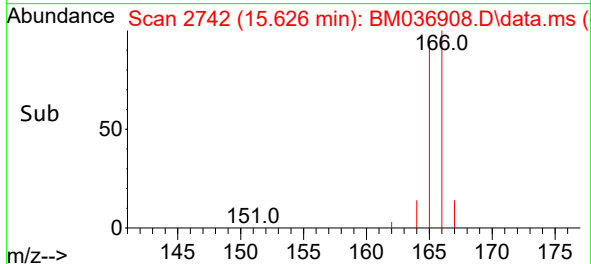
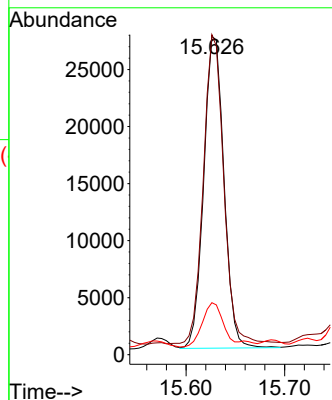
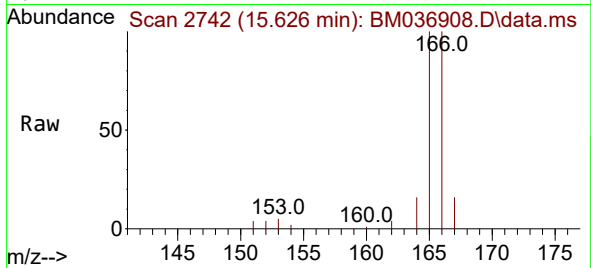




#12
Fluorene
Concen: 0.522 ng/ul
RT: 15.626 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM036908.D
Acq: 10 Oct 2022 15:25

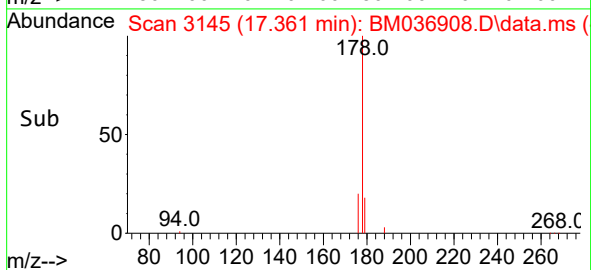
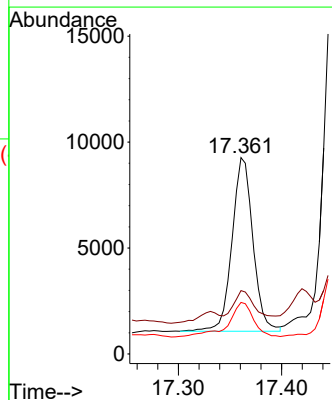
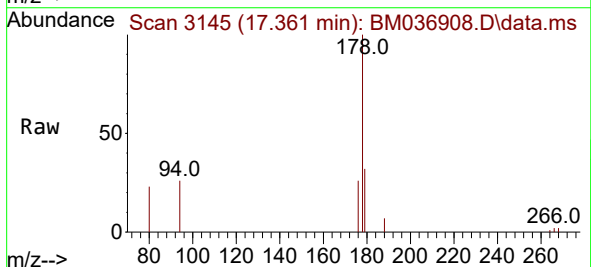
Instrument :
BNA_M
ClientSampleId :
CB8P1DL

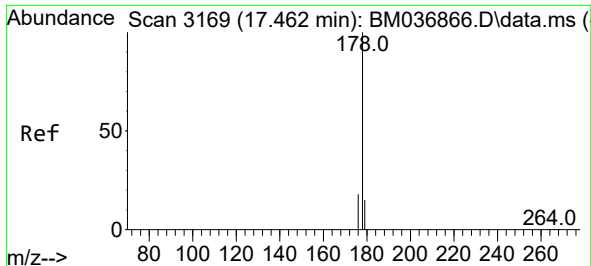
Tgt Ion:166 Resp: 39054
Ion Ratio Lower Upper
166 100
165 100.4 78.9 118.3
167 16.3 11.3 16.9



#15
Phenanthrene
Concen: 0.102 ng/ul
RT: 17.361 min Scan# 3145
Delta R.T. -0.004 min
Lab File: BM036908.D
Acq: 10 Oct 2022 15:25

Tgt Ion:178 Resp: 11546
Ion Ratio Lower Upper
178 100
179 32.3 13.0 19.6#
176 26.3 15.6 23.4#

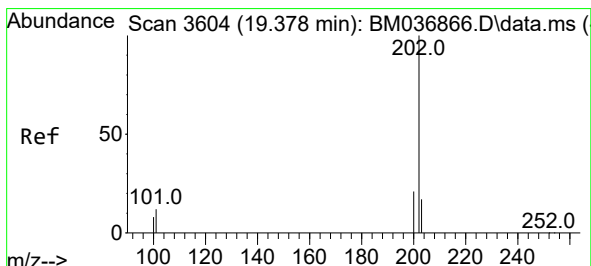
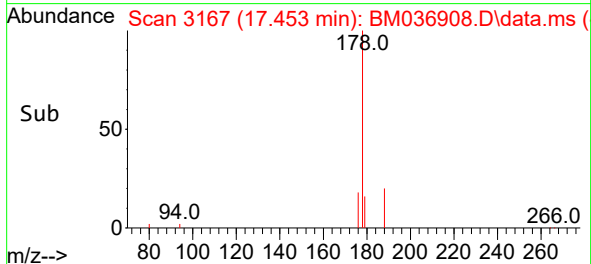
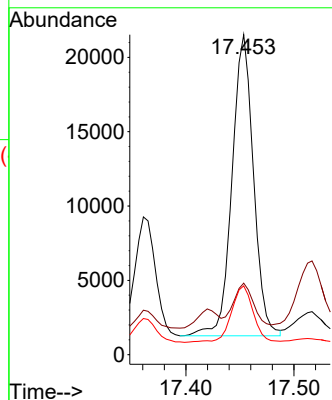
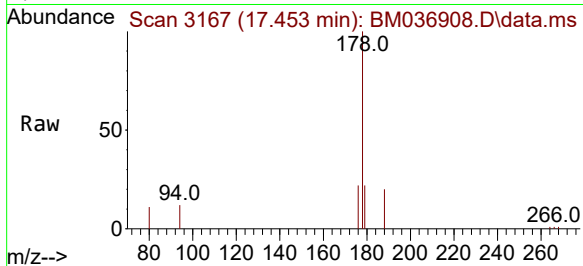




#16
 Anthracene
 Concen: 0.297 ng/ul
 RT: 17.453 min Scan# 3167
 Delta R.T. 0.000 min
 Lab File: BM036908.D
 Acq: 10 Oct 2022 15:25

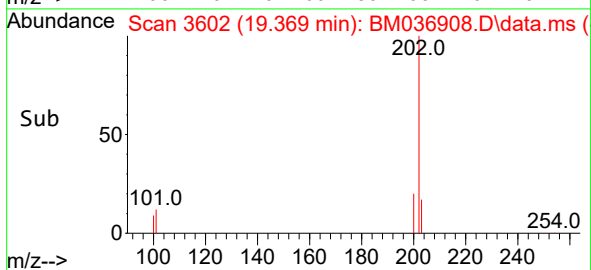
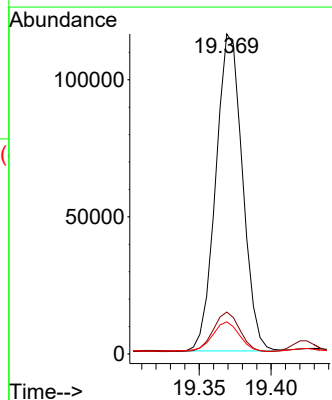
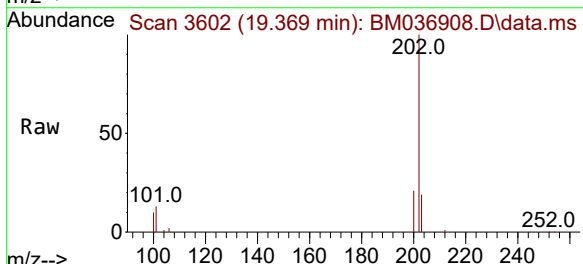
Instrument :
 BNA_M
 ClientSampleId :
 CB8P1DL

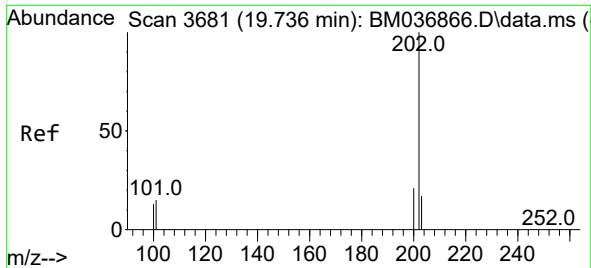
Tgt Ion:178 Resp: 28086
 Ion Ratio Lower Upper
 178 100
 179 22.4 13.6 20.4#
 176 21.5 15.6 23.4



#19
 Fluoranthene
 Concen: 1.790 ng/ul
 RT: 19.369 min Scan# 3602
 Delta R.T. -0.005 min
 Lab File: BM036908.D
 Acq: 10 Oct 2022 15:25

Tgt Ion:202 Resp: 149444
 Ion Ratio Lower Upper
 202 100
 101 13.1 10.1 15.1
 100 10.1 7.9 11.9

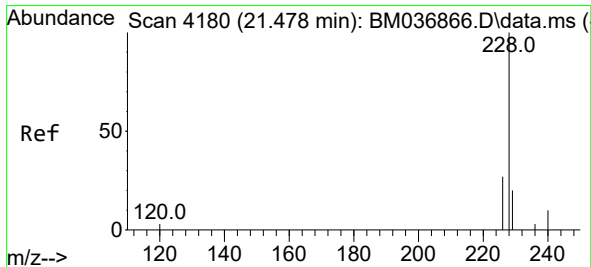
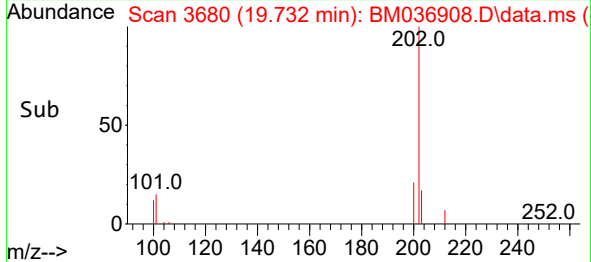
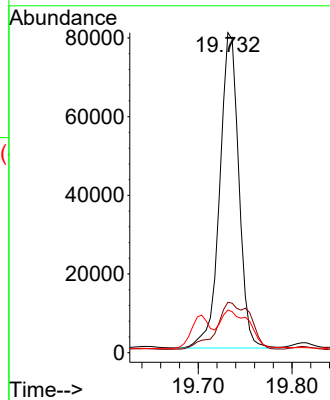
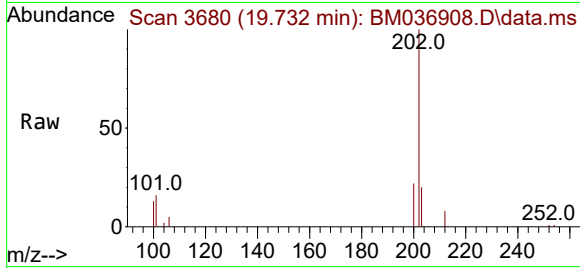




#20
Pyrene
Concen: 1.304 ng/ul
RT: 19.732 min Scan# 3681
Delta R.T. 0.000 min
Lab File: BM036908.D
Acq: 10 Oct 2022 15:25

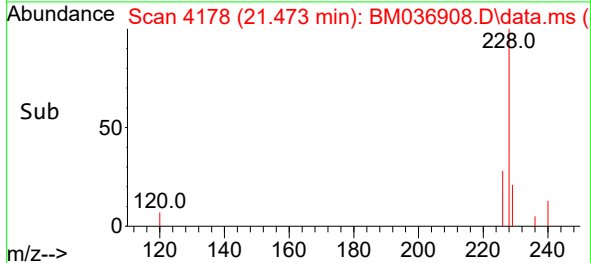
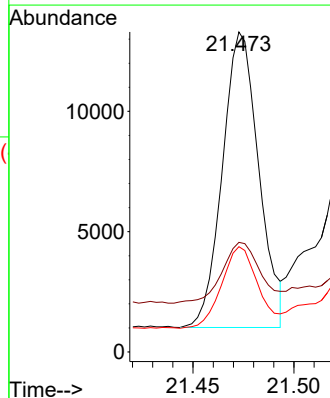
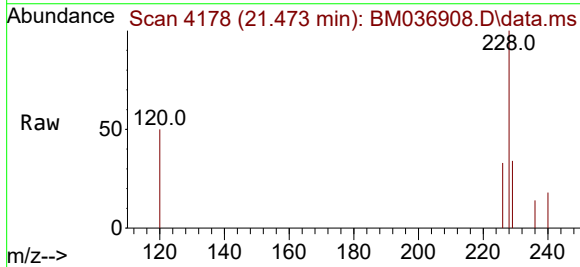
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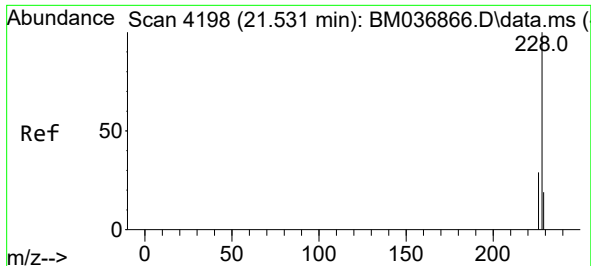
Tgt Ion:202 Resp: 113527
Ion Ratio Lower Upper
202 100
101 15.8 12.0 18.0
100 13.4 9.8 14.6



#21
Benzo(a)anthracene
Concen: 0.203 ng/ul
RT: 21.473 min Scan# 4178
Delta R.T. 0.000 min
Lab File: BM036908.D
Acq: 10 Oct 2022 15:25

Tgt Ion:228 Resp: 15395
Ion Ratio Lower Upper
228 100
229 34.3 16.2 24.2#
226 32.9 22.5 33.7





#22

Chrysene

Concen: 0.161 ng/ul

RT: 21.525 min Scan# 41

Delta R.T. 0.000 min

Lab File: BM036908.D

Acq: 10 Oct 2022 15:25

Instrument :

BNA_M

ClientSampleId :

CB8P1DL

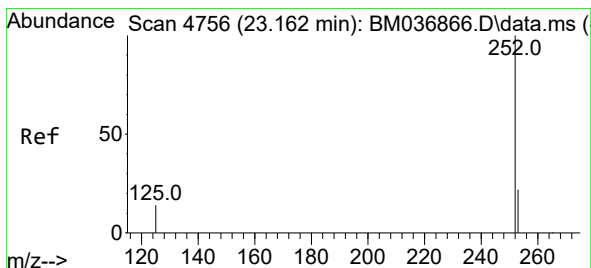
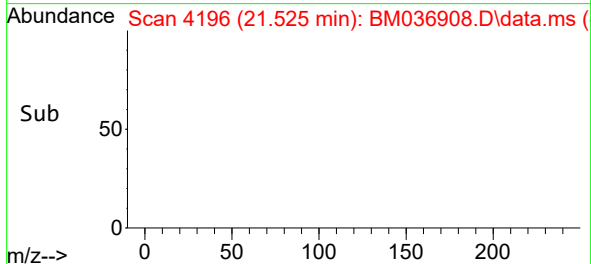
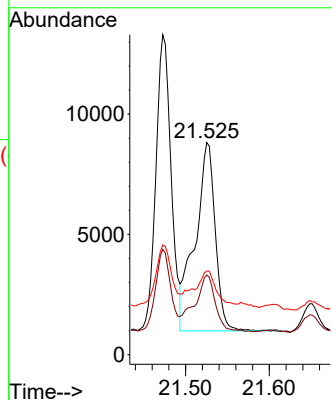
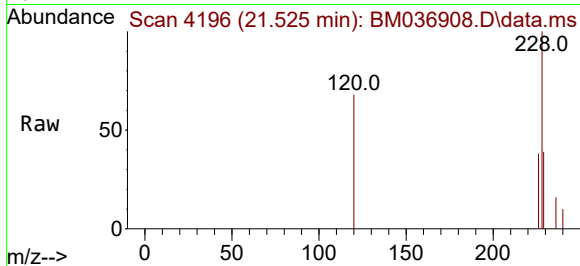
Tgt Ion:228 Resp: 13130

Ion Ratio Lower Upper

228 100

226 37.6 24.6 37.0#

229 39.4 16.4 24.6#



#24

Benzo(b)fluoranthene

Concen: 0.076 ng/ul

RT: 23.156 min Scan# 4754

Delta R.T. 0.000 min

Lab File: BM036908.D

Acq: 10 Oct 2022 15:25

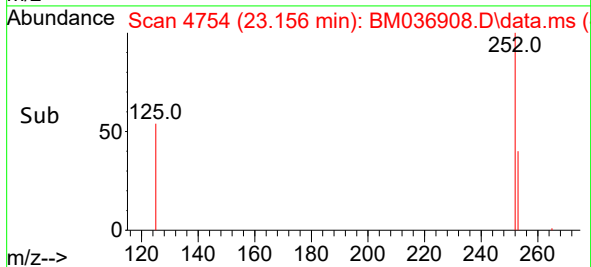
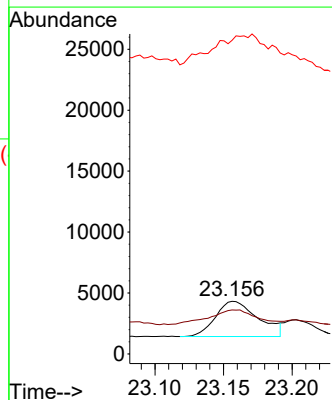
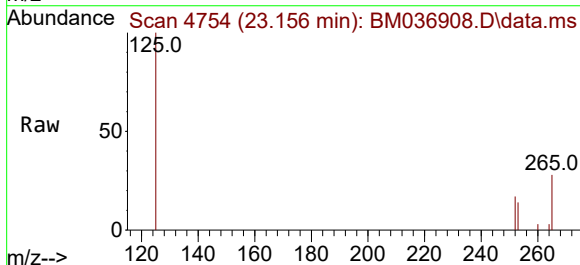
Tgt Ion:252 Resp: 6318

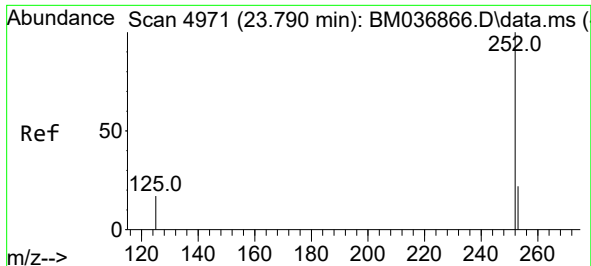
Ion Ratio Lower Upper

252 100

253 83.3 0.0 61.4#

125 595.0 0.0 42.6#

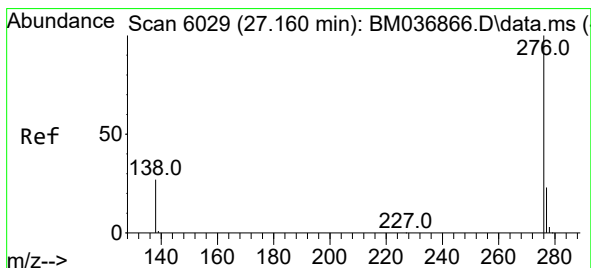
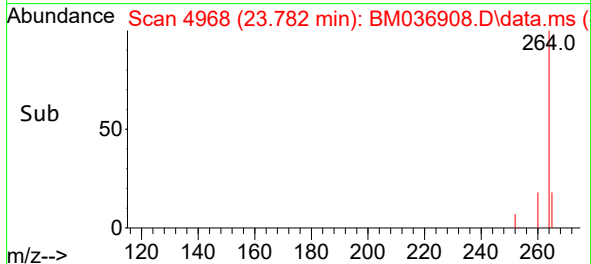
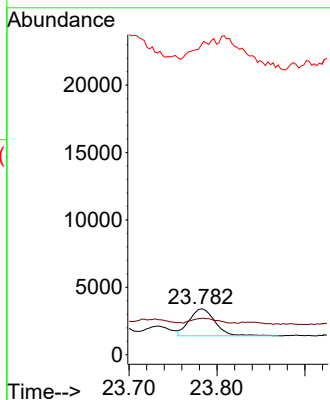
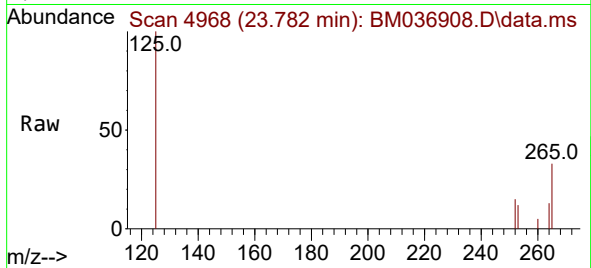




#26
Benzo(a)pyrene
Concen: 0.061 ng/ul
RT: 23.782 min Scan# 4971
Delta R.T. 0.000 min
Lab File: BM036908.D
Acq: 10 Oct 2022 15:25

Instrument :
BNA_M
ClientSampleId :
CB8P1DL

Tgt Ion:252 Resp: 4101
Ion Ratio Lower Upper
252 100
253 79.3 29.7 44.5#
125 675.7 23.6 35.4#



#29
Benzo(g,h,i)perylene
Concen: 0.024 ng/ul
RT: 27.150 min Scan# 6026
Delta R.T. 0.003 min
Lab File: BM036908.D
Acq: 10 Oct 2022 15:25

Tgt Ion:276 Resp: 2058
Ion Ratio Lower Upper
276 100
138 311.9 23.4 35.0#
277 79.0 21.0 31.4#

