

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030923\
 Data File : BM038977.D
 Acq On : 10 Mar 2023 12:34
 Operator : CG/JU
 Sample : 01784-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCAD8

Quant Time: Mar 10 23:15:20 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)

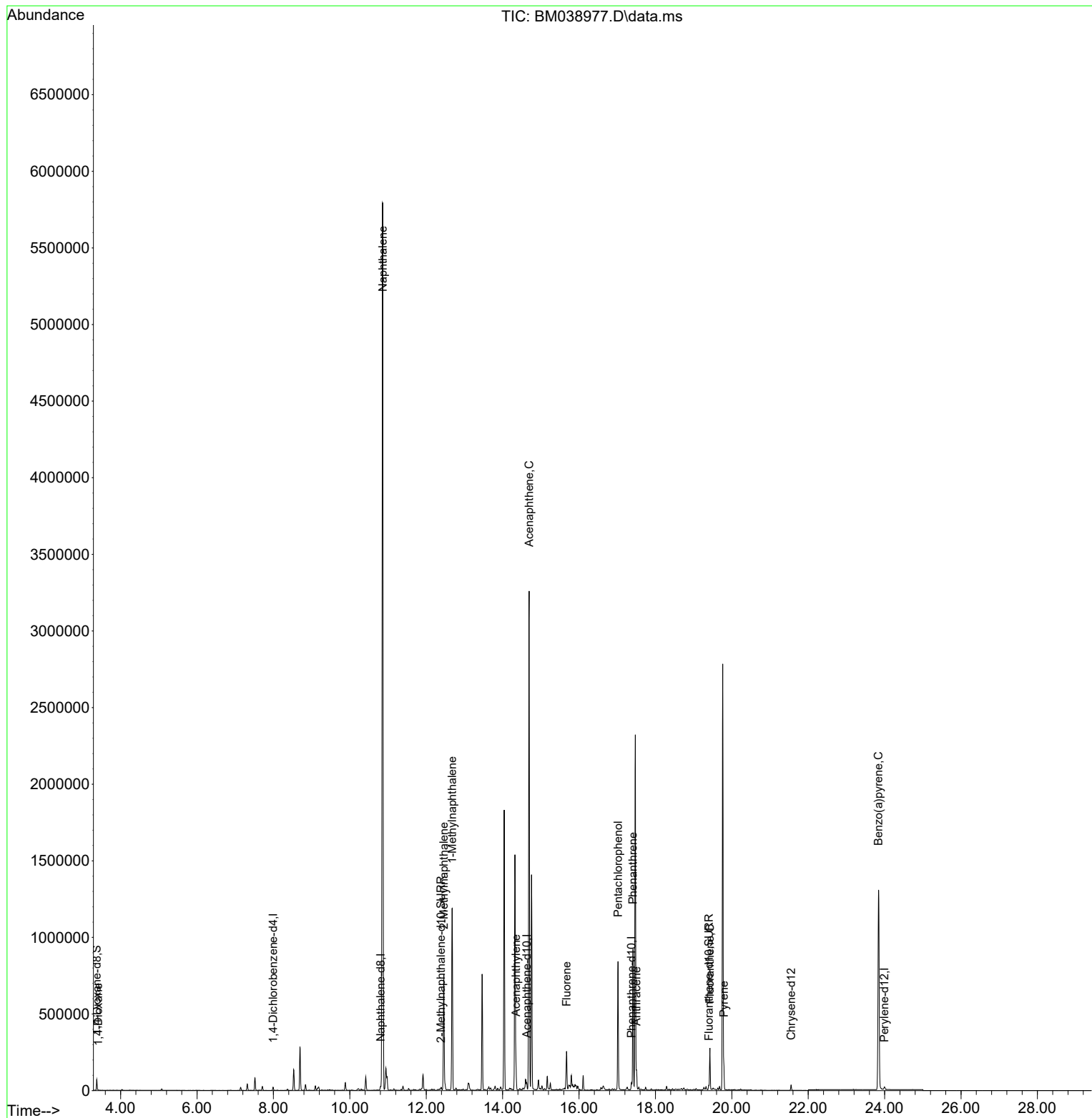
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.991	152	10171	0.400	ng/ul	0.00
4) Naphthalene-d8	10.805	136	35936	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.628	164	23849	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.370	188	45046	0.400	ng/ul	0.00
17) Chrysene-d12	21.553	240	31740	0.400	ng/ul	0.00
23) Perylene-d12	23.996	264	24860	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	43406	3.772	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.389	152	13197	0.304	ng/ul	0.00
18) Fluoranthene-d10	19.398	212	33438	0.443	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.413	88	288	0.025	ng/ul#	24
5) Naphthalene	10.860	128	8224869	95.731	ng/ul	99
7) 2-Methylnaphthalene	12.461	142	517633	9.929	ng/ul	100
8) 1-Methylnaphthalene	12.681	142	816265	14.925	ng/ul	98
10) Acenaphthylene	14.350	152	174193	2.009	ng/ul	98
11) Acenaphthene	14.693	153	1817275	25.480	ng/ul	93
12) Fluorene	15.673	166	164363	2.041	ng/ul#	96
14) Pentachlorophenol	17.020	266	506415	46.720	ng/ul	99
15) Phenanthrene	17.412	178	939091	7.886	ng/ul	99
16) Anthracene	17.505	178	121608	1.240	ng/ul	99
19) Fluoranthene	19.426	202	216266	2.012	ng/ul	99
20) Pyrene	19.788	202	128719	1.166	ng/ul	98
26) Benzo(a)pyrene	23.841	252	7382	0.095	ng/ul#	56

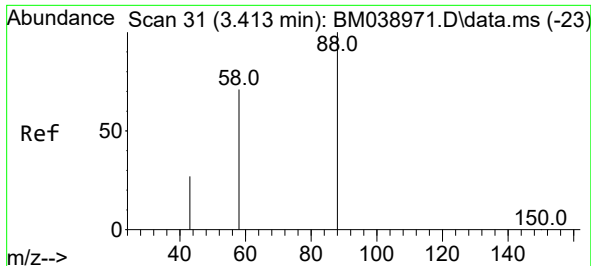
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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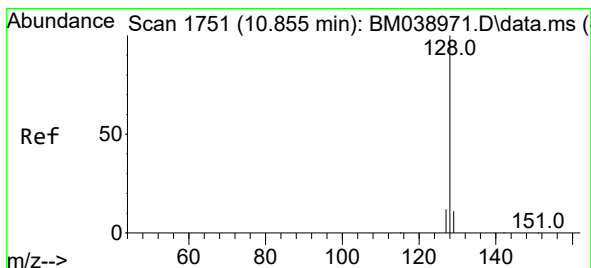
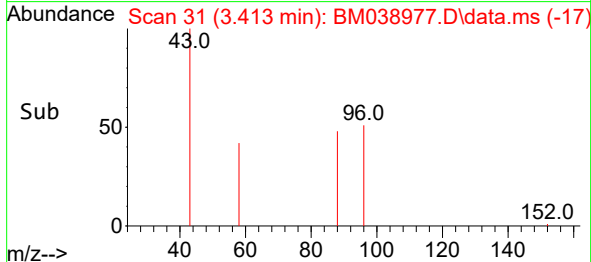
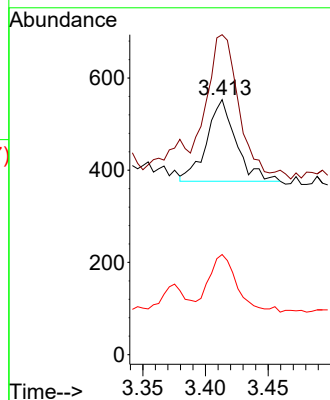
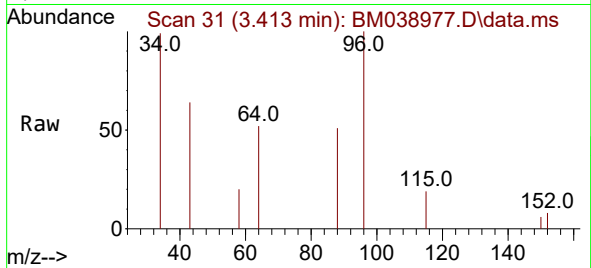




#2
1,4-Dioxane
Concen: 0.025 ng/ul
RT: 3.413 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM038977.D
Acq: 10 Mar 2023 12:34

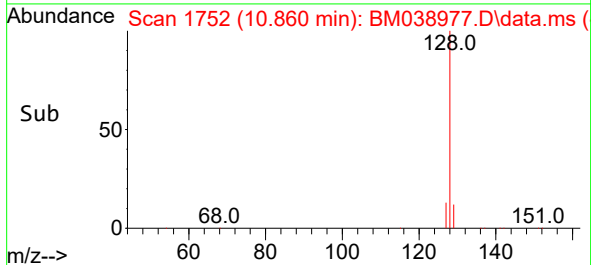
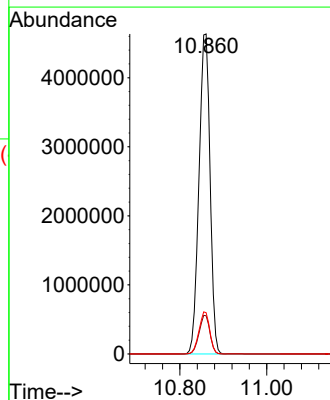
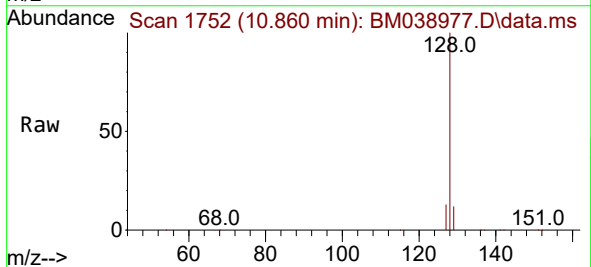
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BNA_M
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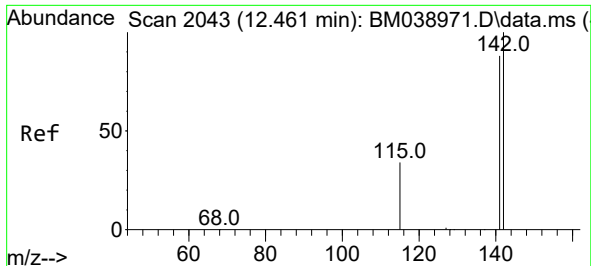
Tgt Ion: 88 Resp: 288
Ion Ratio Lower Upper
88 100
43 125.5 27.2 40.8#
58 39.2 50.8 76.2#



#5
Naphthalene
Concen: 95.731 ng/ul
RT: 10.860 min Scan# 1752
Delta R.T. 0.005 min
Lab File: BM038977.D
Acq: 10 Mar 2023 12:34

Tgt Ion:128 Resp: 8224869
Ion Ratio Lower Upper
128 100
129 12.0 9.1 13.7
127 12.9 10.3 15.5

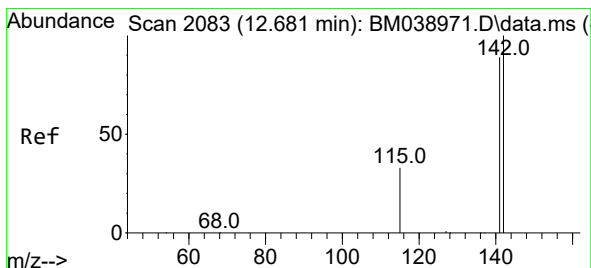
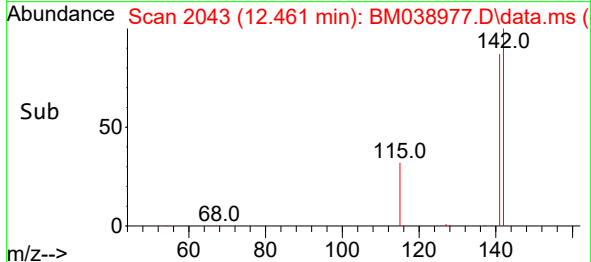
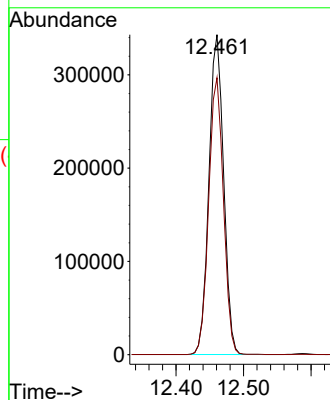
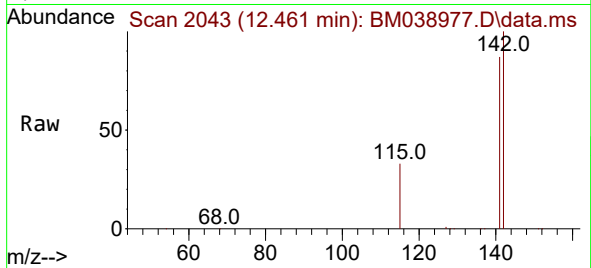




#7
2-Methylnaphthalene
Concen: 9.929 ng/ul
RT: 12.461 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BM038977.D
Acq: 10 Mar 2023 12:34

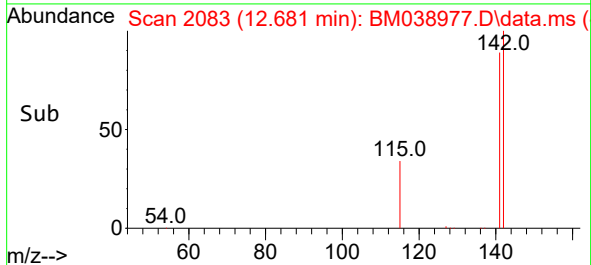
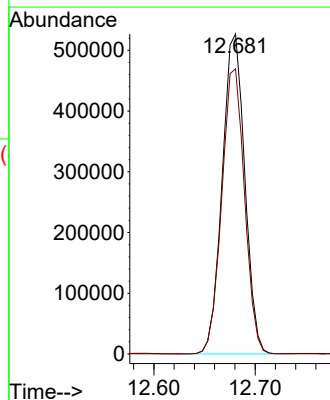
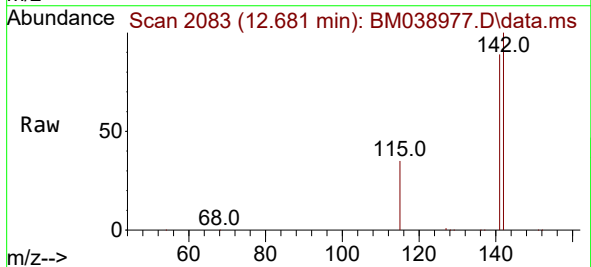
Instrument :
BNA_M
ClientSampleId :
DCAD8

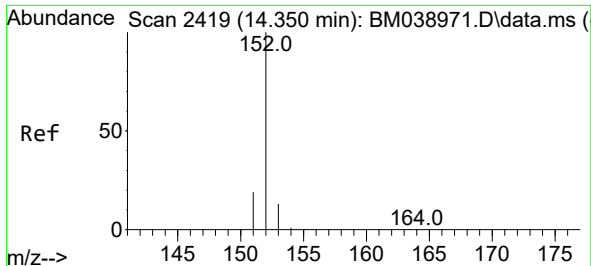
Tgt Ion:142 Resp: 517633
Ion Ratio Lower Upper
142 100
141 87.0 69.9 104.9



#8
1-Methylnaphthalene
Concen: 14.925 ng/ul
RT: 12.681 min Scan# 2083
Delta R.T. -0.000 min
Lab File: BM038977.D
Acq: 10 Mar 2023 12:34

Tgt Ion:142 Resp: 816265
Ion Ratio Lower Upper
142 100
141 90.0 73.5 110.3

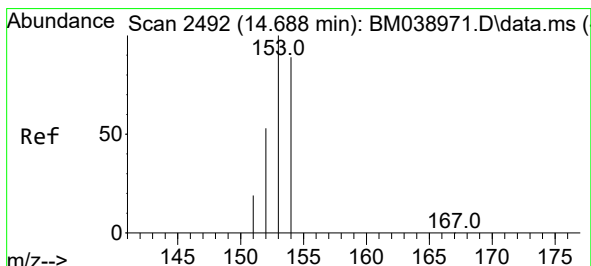
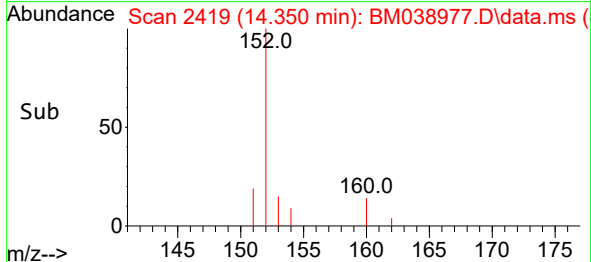
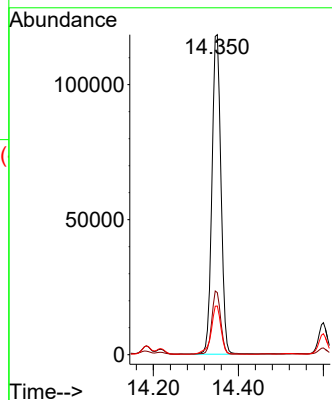
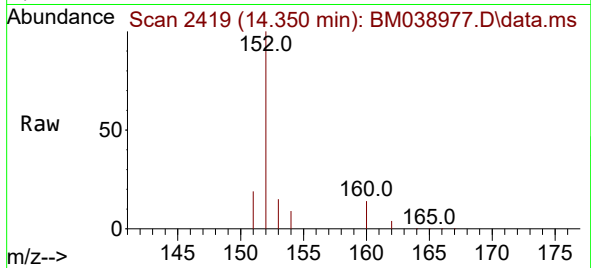




#10
Acenaphthylene
Concen: 2.009 ng/ul
RT: 14.350 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BM038977.D
Acq: 10 Mar 2023 12:34

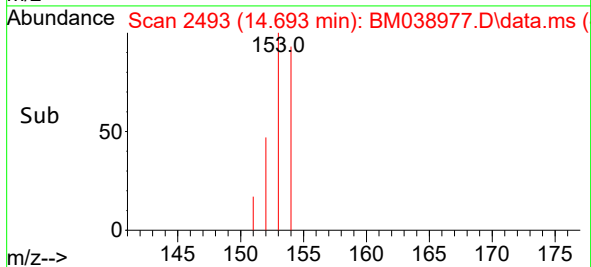
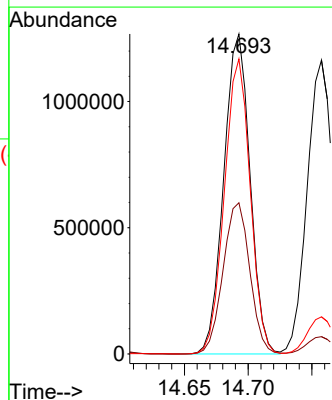
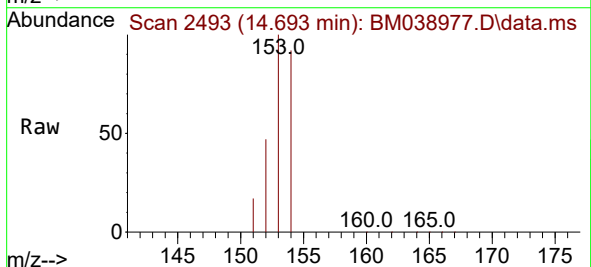
Instrument :
BNA_M
ClientSampleId :
DCAD8

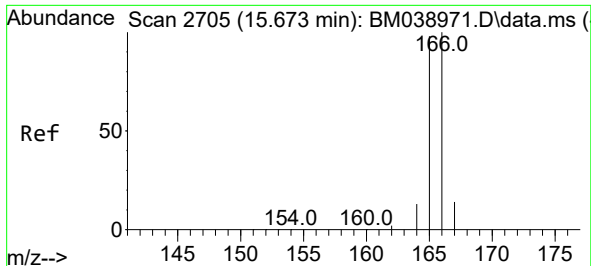
Tgt Ion:152 Resp: 174193
Ion Ratio Lower Upper
152 100
151 19.4 15.6 23.4
153 15.2 10.6 15.8



#11
Acenaphthene
Concen: 25.480 ng/ul
RT: 14.693 min Scan# 2493
Delta R.T. -0.000 min
Lab File: BM038977.D
Acq: 10 Mar 2023 12:34

Tgt Ion:153 Resp: 1817275
Ion Ratio Lower Upper
153 100
152 47.2 44.2 66.2
154 92.2 70.6 105.8

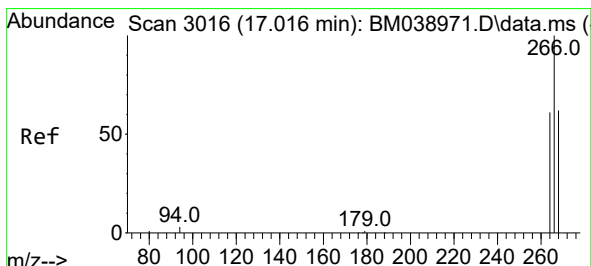
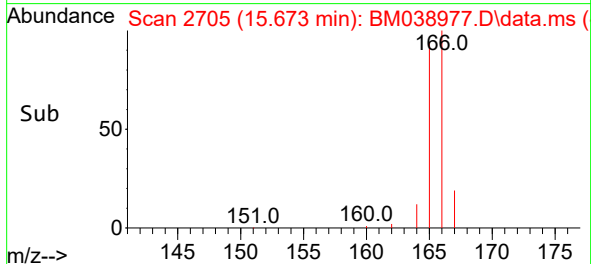
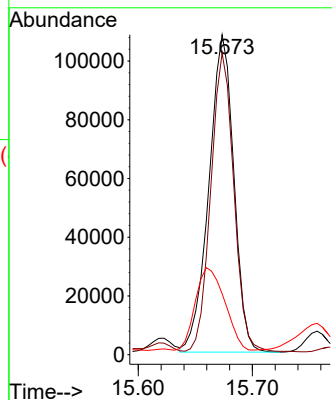
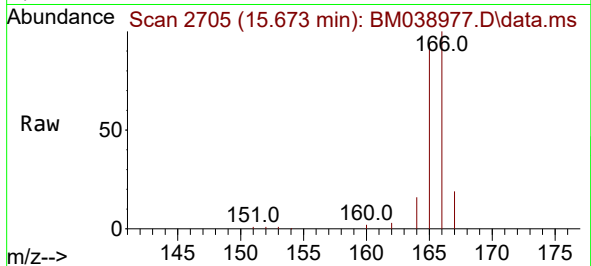




#12
Fluorene
Concen: 2.041 ng/ul
RT: 15.673 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM038977.D
Acq: 10 Mar 2023 12:34

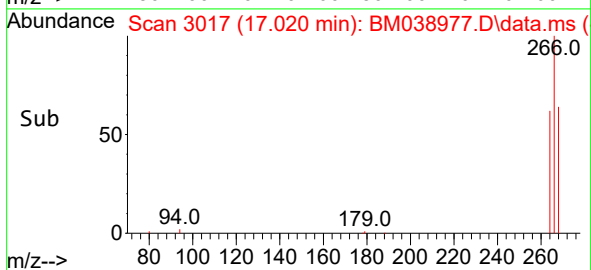
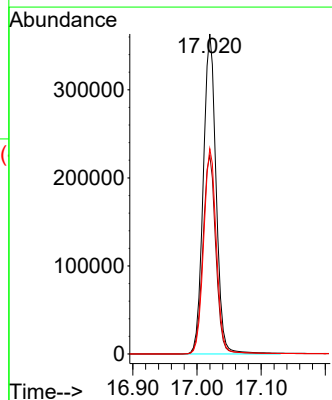
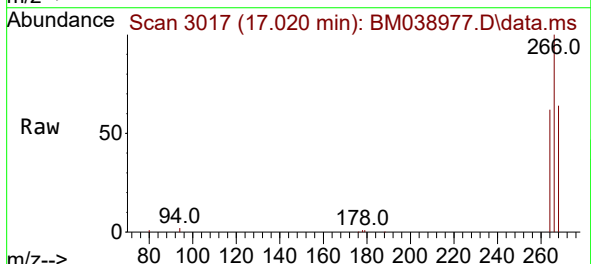
Instrument :
BNA_M
ClientSampleId :
DCAD8

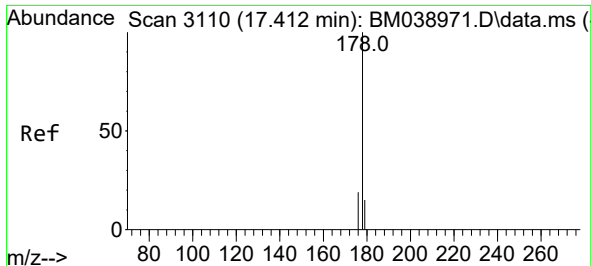
Tgt Ion:166 Resp: 164363
Ion Ratio Lower Upper
166 100
165 94.2 77.8 116.6
167 19.0 11.4 17.2#



#14
Pentachlorophenol
Concen: 46.720 ng/ul
RT: 17.020 min Scan# 3017
Delta R.T. -0.000 min
Lab File: BM038977.D
Acq: 10 Mar 2023 12:34

Tgt Ion:266 Resp: 506415
Ion Ratio Lower Upper
266 100
264 62.5 50.2 75.2
268 64.1 50.2 75.4

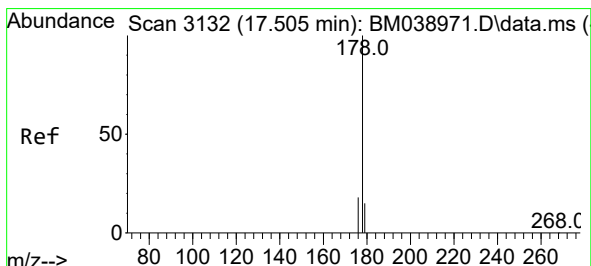
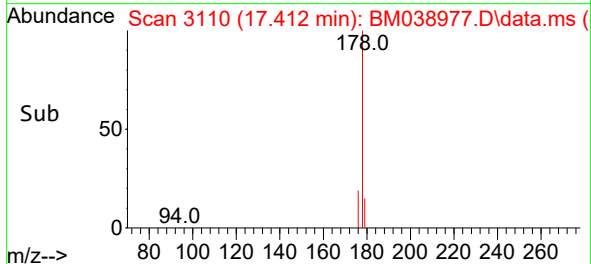
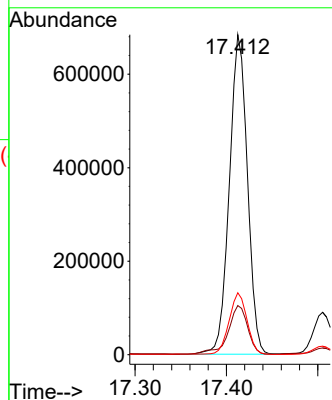
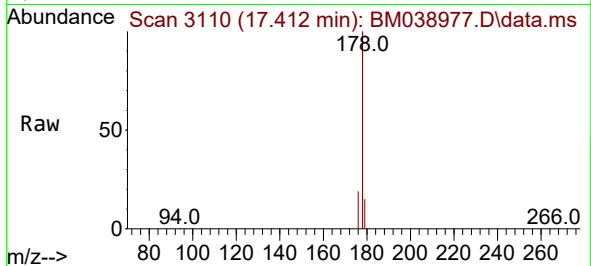




#15
Phenanthrene
Concen: 7.886 ng/ul
RT: 17.412 min Scan# 3110
Delta R.T. -0.004 min
Lab File: BM038977.D
Acq: 10 Mar 2023 12:34

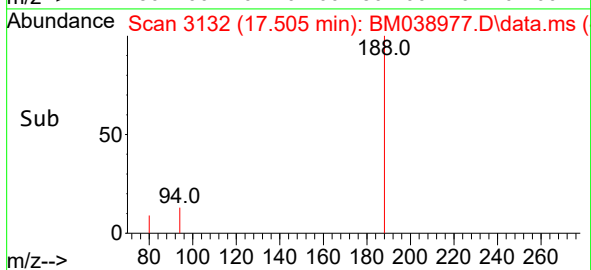
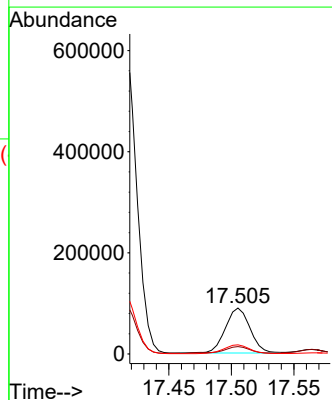
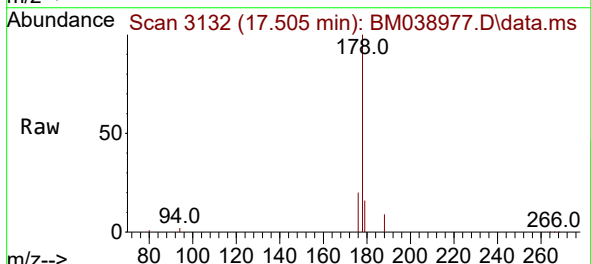
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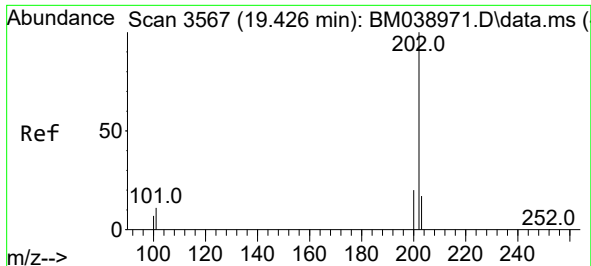
Tgt Ion:178 Resp: 939091
Ion Ratio Lower Upper
178 100
179 15.4 12.7 19.1
176 19.3 15.9 23.9



#16
Anthracene
Concen: 1.240 ng/ul
RT: 17.505 min Scan# 3132
Delta R.T. -0.000 min
Lab File: BM038977.D
Acq: 10 Mar 2023 12:34

Tgt Ion:178 Resp: 121608
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.6
176 20.0 15.4 23.2

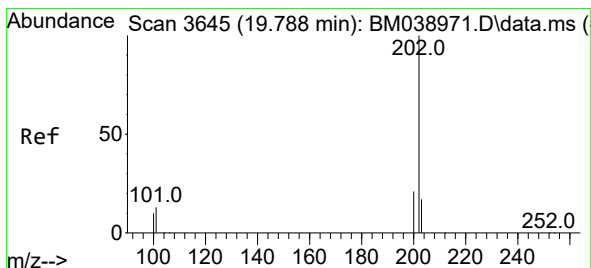
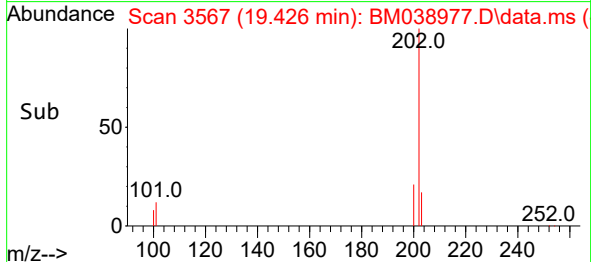
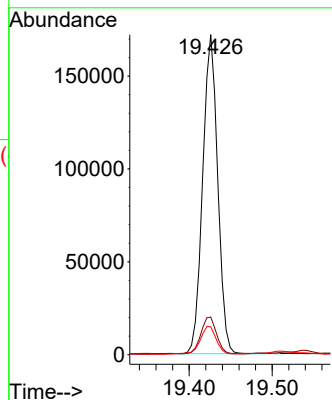
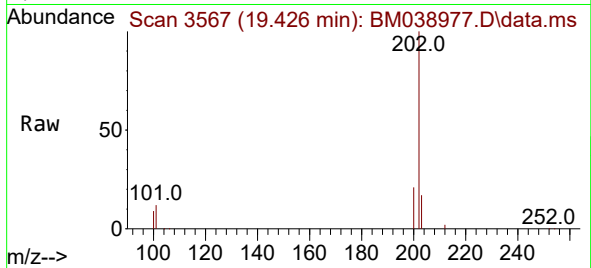




#19
Fluoranthene
Concen: 2.012 ng/ul
RT: 19.426 min Scan# 3567
Delta R.T. -0.000 min
Lab File: BM038977.D
Acq: 10 Mar 2023 12:34

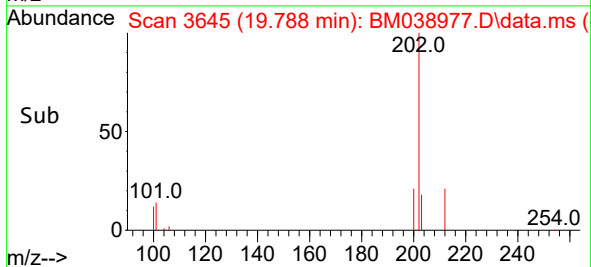
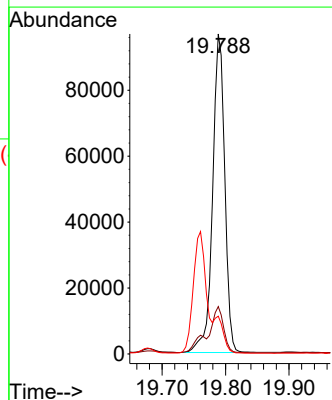
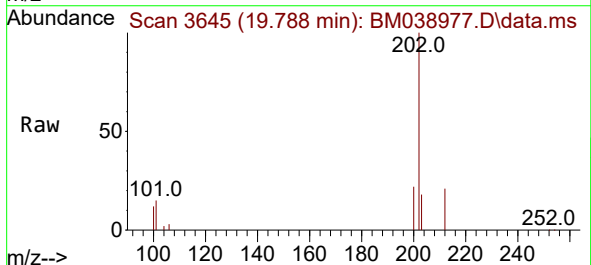
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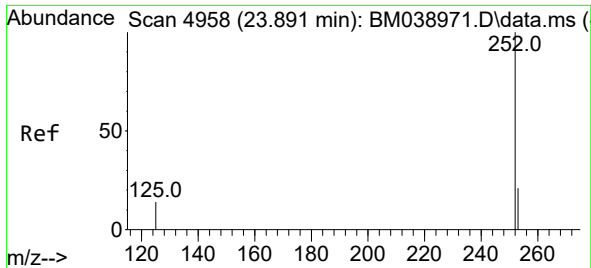
Tgt Ion:202 Resp: 216266
Ion Ratio Lower Upper
202 100
101 11.8 8.9 13.3
100 8.7 6.8 10.2



#20
Pyrene
Concen: 1.166 ng/ul
RT: 19.788 min Scan# 3645
Delta R.T. -0.000 min
Lab File: BM038977.D
Acq: 10 Mar 2023 12:34

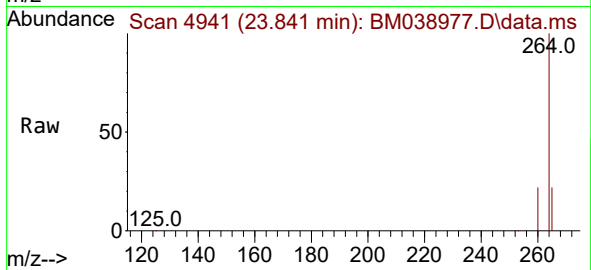
Tgt Ion:202 Resp: 128719
Ion Ratio Lower Upper
202 100
101 14.8 11.2 16.8
100 11.8 9.0 13.6





#26
Benzo(a)pyrene
Concen: 0.095 ng/ul
RT: 23.841 min Scan# 4958
Delta R.T. -0.047 min
Lab File: BM038977.D
Acq: 10 Mar 2023 12:34

Instrument :
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ClientSampleId :
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Tgt Ion:252 Resp: 7382
Ion Ratio Lower Upper
252 100
253 43.8 20.3 30.5#
125 41.5 14.0 21.0#

