

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030923\
 Data File : BM038969.D
 Acq On : 10 Mar 2023 06:34
 Operator : CG/JU
 Sample : PB151194BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS194

Quant Time: Mar 10 07:05:50 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)

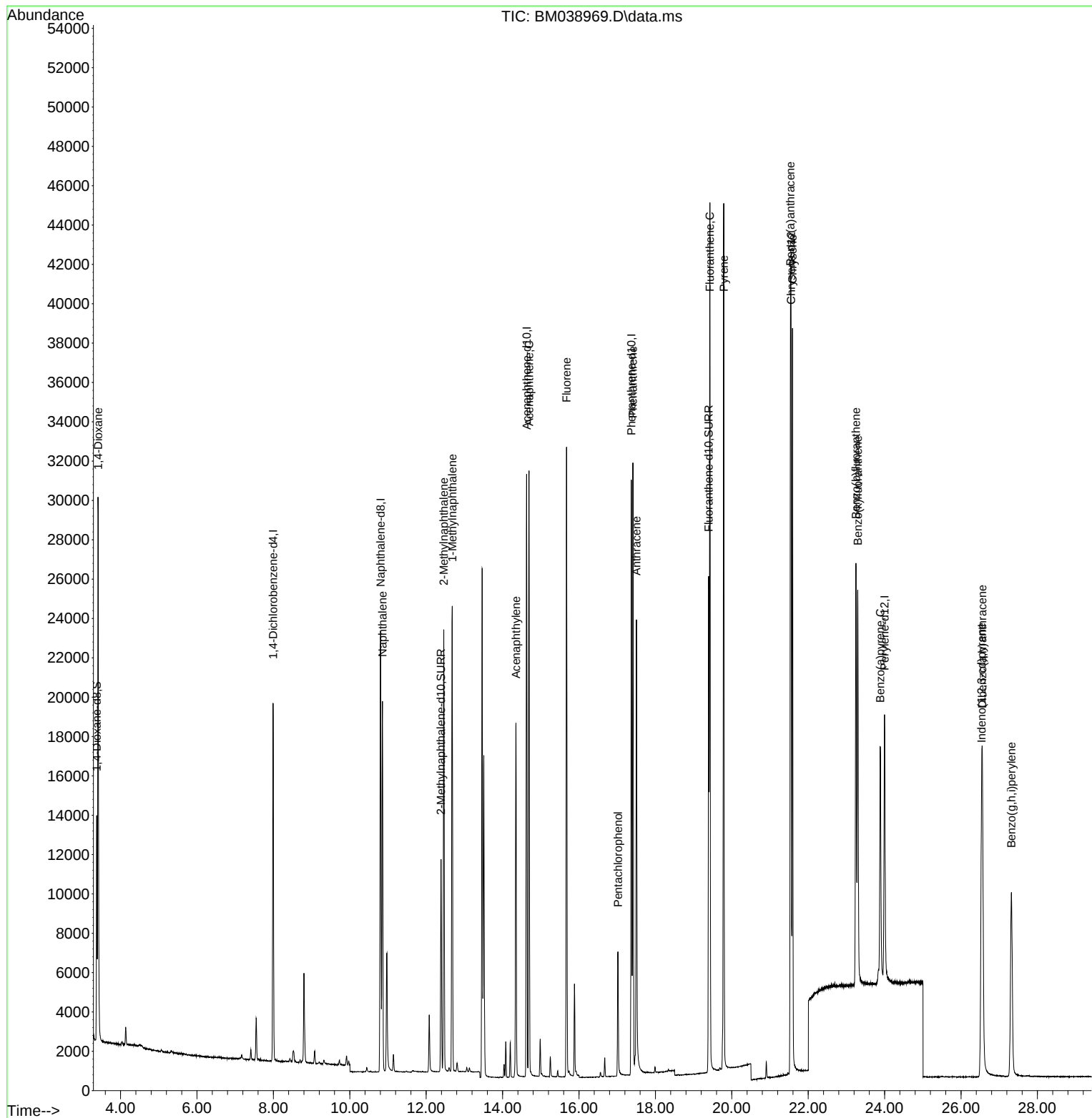
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.991	152	9011	0.400	ng/u1	0.00
4) Naphthalene-d8	10.805	136	29740	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.628	164	16541	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.370	188	34950	0.400	ng/u1	0.00
17) Chrysene-d12	21.553	240	29218	0.400	ng/u1	0.00
23) Perylene-d12	23.996	264	19177	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	7330	0.719	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.389	152	13914	0.387	ng/u1	0.00
18) Fluoranthene-d10	19.393	212	27187	0.391	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.413	88	18933	1.834	ng/u1	92
5) Naphthalene	10.855	128	25293	0.356	ng/u1	100
7) 2-Methylnaphthalene	12.461	142	15529	0.360	ng/u1	100
8) 1-Methylnaphthalene	12.681	142	16510	0.365	ng/u1	99
10) Acenaphthylene	14.350	152	20204	0.336	ng/u1	100
11) Acenaphthene	14.693	153	17367	0.351	ng/u1	98
12) Fluorene	15.673	166	19662	0.352	ng/u1	99
14) Pentachlorophenol	17.020	266	4445	0.529	ng/u1	98
15) Phenanthrene	17.412	178	32553	0.352	ng/u1	99
16) Anthracene	17.505	178	26966	0.354	ng/u1	99
19) Fluoranthene	19.426	202	36386	0.368	ng/u1	99
20) Pyrene	19.788	202	36752	0.362	ng/u1	98
21) Benzo(a)anthracene	21.535	228	29914	0.362	ng/u1	99
22) Chrysene	21.591	228	33656	0.339	ng/u1	100
24) Benzo(b)fluoranthene	23.248	252	28790	0.384	ng/u1	98
25) Benzo(k)fluoranthene	23.298	252	27108	0.362	ng/u1	98
26) Benzo(a)pyrene	23.888	252	20893	0.350	ng/u1	96
27) Indeno(1,2,3-cd)pyrene	26.537	276	24577	0.325	ng/u1#	97
28) Dibenzo(a,h)anthracene	26.557	278	20081	0.349	ng/u1	98
29) Benzo(g,h,i)perylene	27.319	276	21683	0.308	ng/u1	99

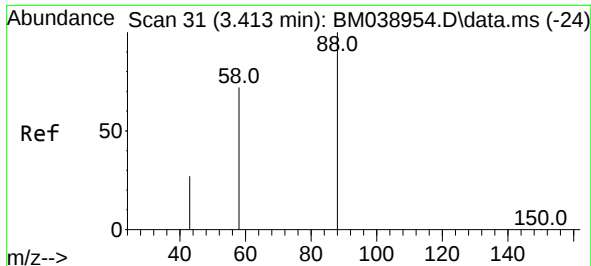
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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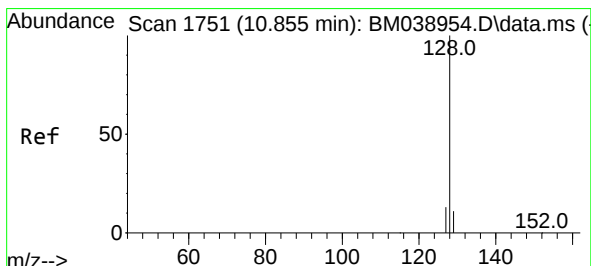
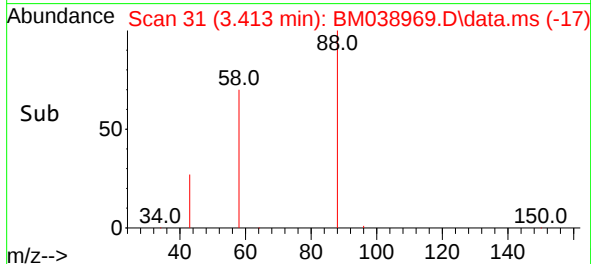
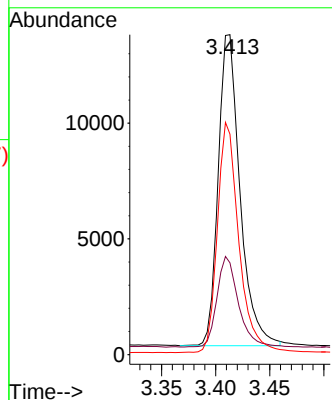
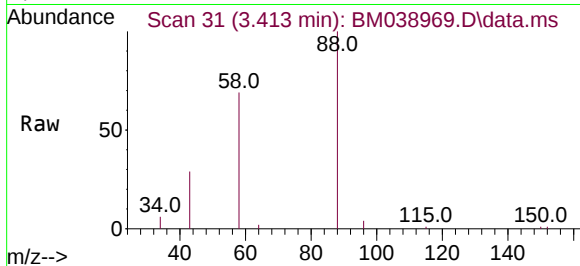




#2
1,4-Dioxane
Concen: 1.834 ng/ul
RT: 3.413 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM038969.D
Acq: 10 Mar 2023 06:34

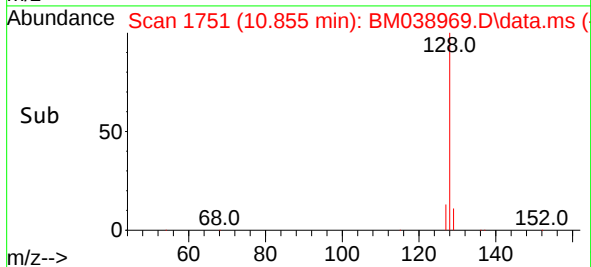
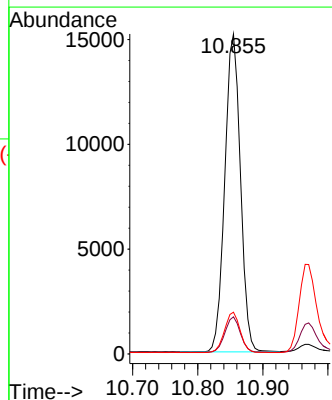
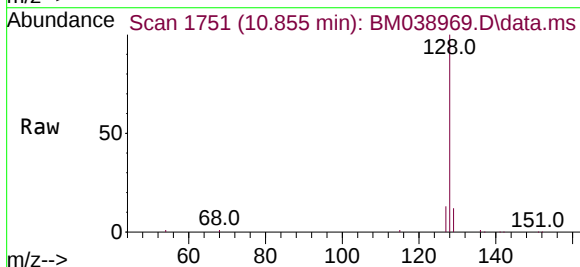
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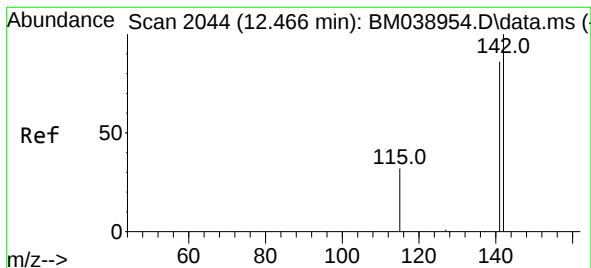
Tgt Ion: 88 Resp: 18933
Ion Ratio Lower Upper
88 100
43 28.7 27.2 40.8
58 68.9 50.8 76.2



#5
Naphthalene
Concen: 0.356 ng/ul
RT: 10.855 min Scan# 1751
Delta R.T. -0.000 min
Lab File: BM038969.D
Acq: 10 Mar 2023 06:34

Tgt Ion: 128 Resp: 25293
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 13.0 10.3 15.5

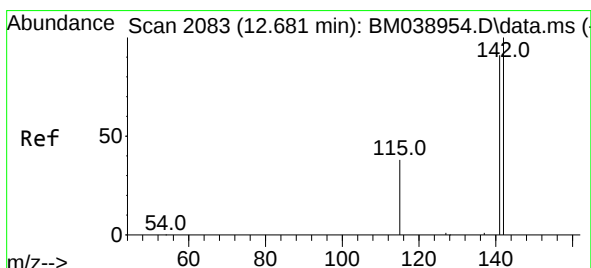
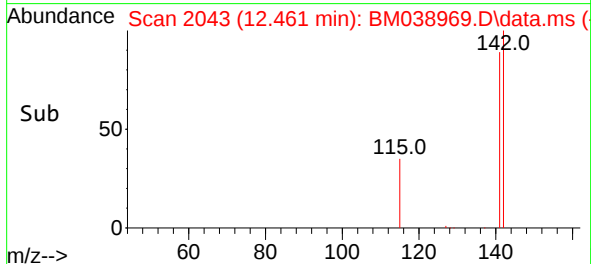
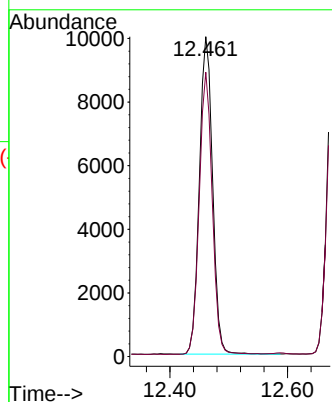
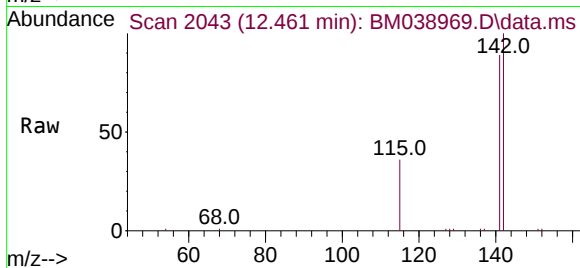




#7
2-Methylnaphthalene
Concen: 0.360 ng/ul
RT: 12.461 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BM038969.D
Acq: 10 Mar 2023 06:34

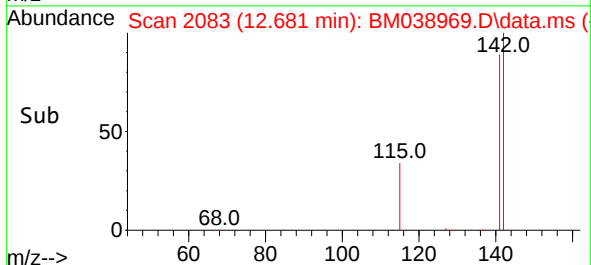
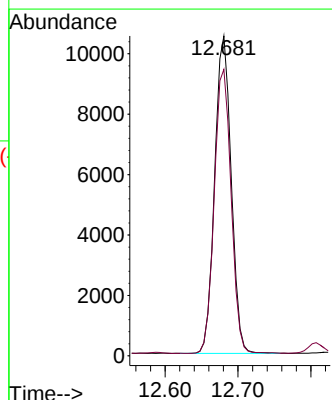
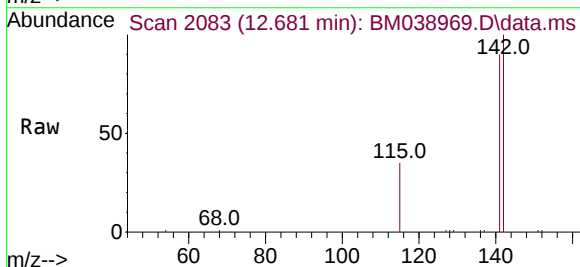
Instrument :
BNA_M
ClientSampleId :
SLCS194

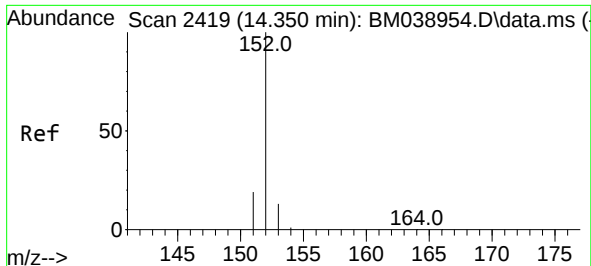
Tgt Ion:142 Resp: 15529
Ion Ratio Lower Upper
142 100
141 87.8 69.9 104.9



#8
1-Methylnaphthalene
Concen: 0.365 ng/ul
RT: 12.681 min Scan# 2083
Delta R.T. -0.000 min
Lab File: BM038969.D
Acq: 10 Mar 2023 06:34

Tgt Ion:142 Resp: 16510
Ion Ratio Lower Upper
142 100
141 91.1 73.5 110.3

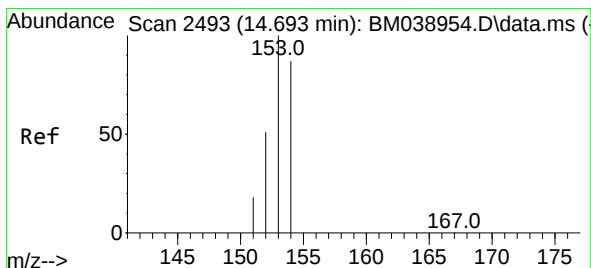
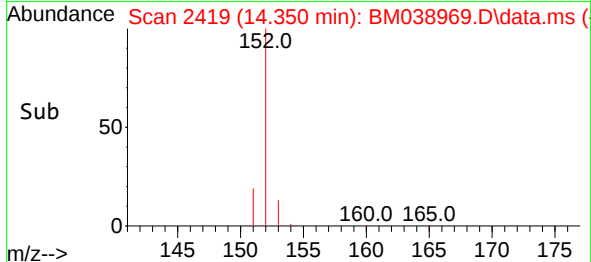
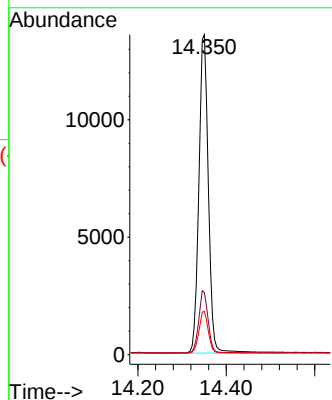
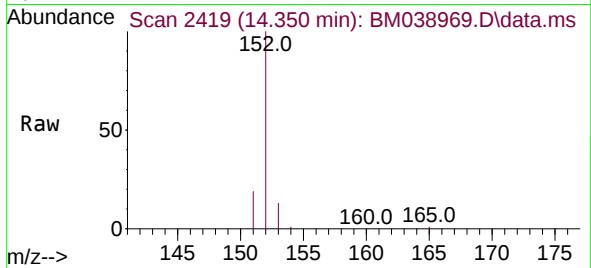




#10
Acenaphthylene
Concen: 0.336 ng/ul
RT: 14.350 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BM038969.D
Acq: 10 Mar 2023 06:34

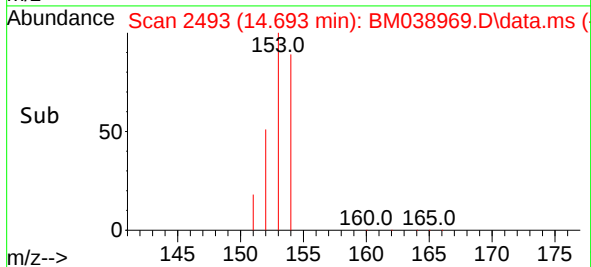
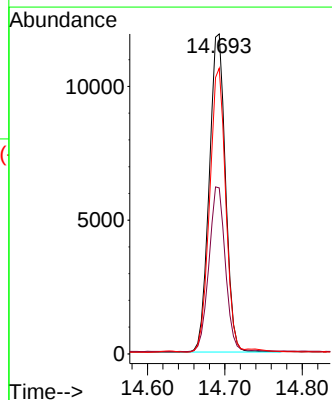
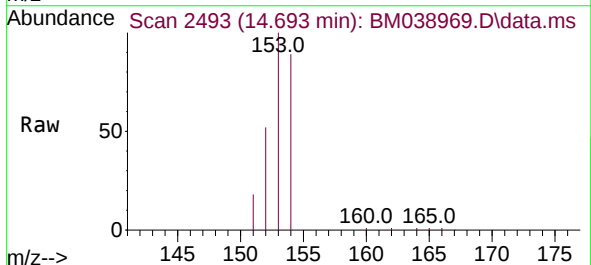
Instrument :
BNA_M
ClientSampleId :
SLCS194

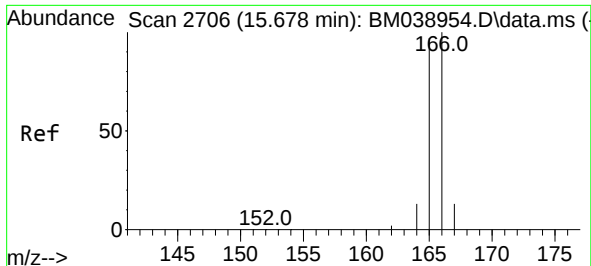
Tgt Ion:152	Resp:	20204
Ion Ratio	Lower	Upper
152	100	
151	19.4	15.6 23.4
153	13.5	10.6 15.8



#11
Acenaphthene
Concen: 0.351 ng/ul
RT: 14.693 min Scan# 2493
Delta R.T. -0.000 min
Lab File: BM038969.D
Acq: 10 Mar 2023 06:34

Tgt Ion:153	Resp:	17367
Ion Ratio	Lower	Upper
153	100	
152	51.9	44.2 66.2
154	89.3	70.6 105.8

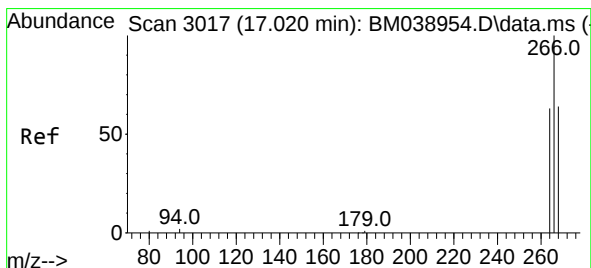
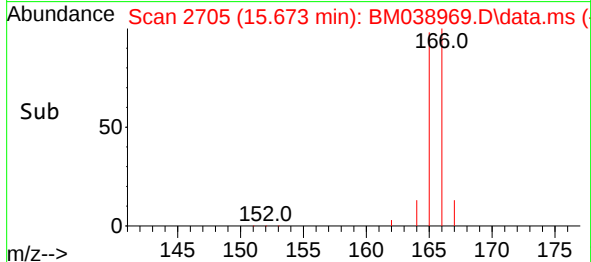
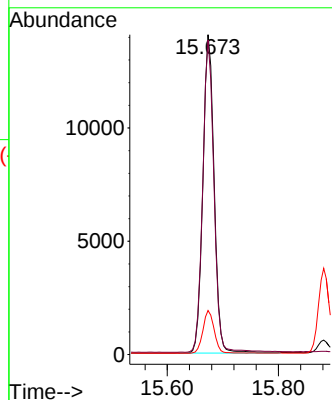
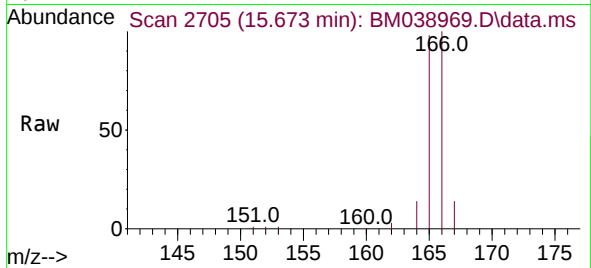




#12
Fluorene
Concen: 0.352 ng/ul
RT: 15.673 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM038969.D
Acq: 10 Mar 2023 06:34

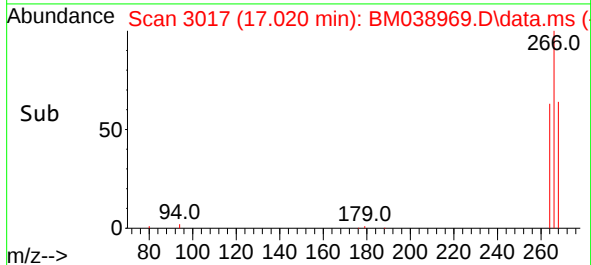
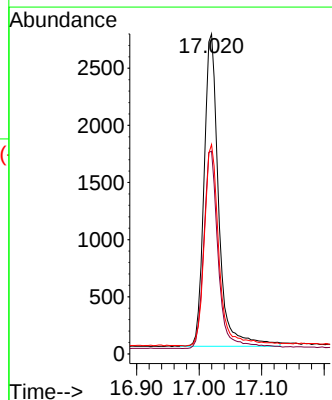
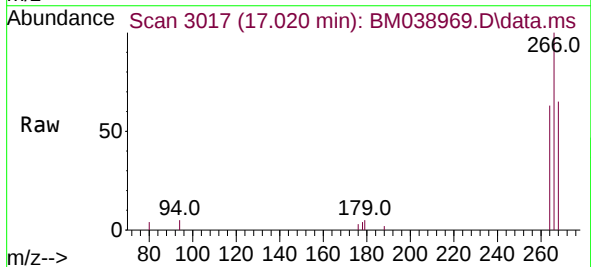
Instrument :
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ClientSampleId :
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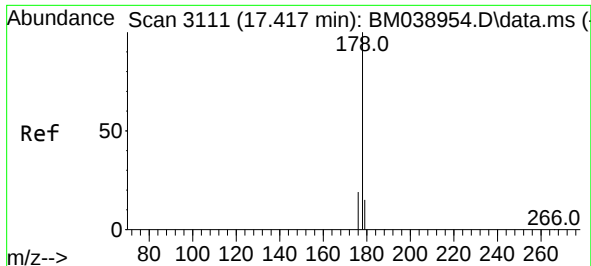
Tgt Ion:166 Resp: 19662
Ion Ratio Lower Upper
166 100
165 98.3 77.8 116.6
167 13.8 11.4 17.2



#14
Pentachlorophenol
Concen: 0.529 ng/ul
RT: 17.020 min Scan# 3017
Delta R.T. -0.000 min
Lab File: BM038969.D
Acq: 10 Mar 2023 06:34

Tgt Ion:266 Resp: 4445
Ion Ratio Lower Upper
266 100
264 63.0 50.2 75.2
268 65.4 50.2 75.4

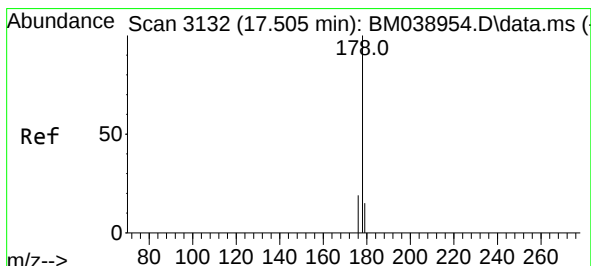
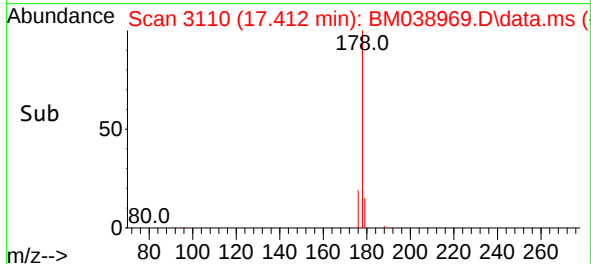
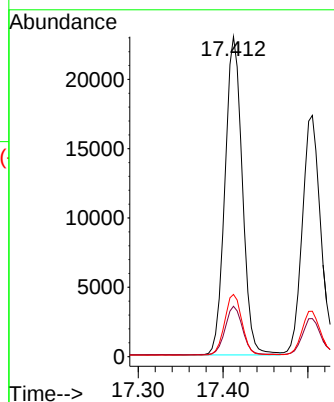
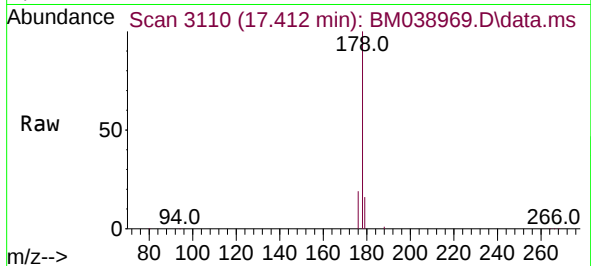




#15
Phenanthrene
Concen: 0.352 ng/ul
RT: 17.412 min Scan# 3110
Delta R.T. -0.004 min
Lab File: BM038969.D
Acq: 10 Mar 2023 06:34

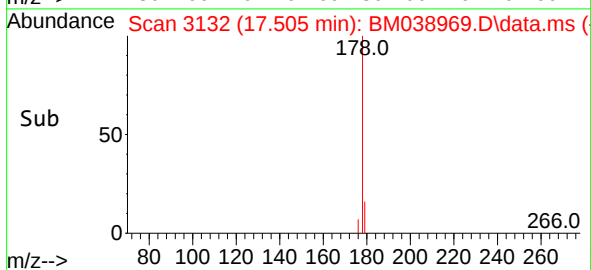
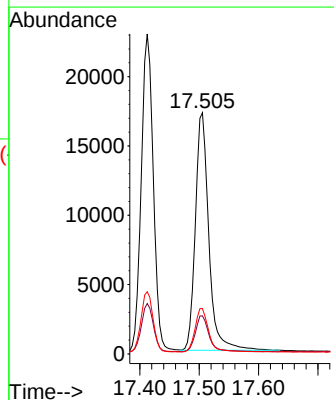
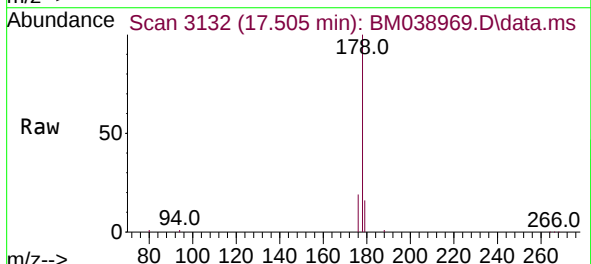
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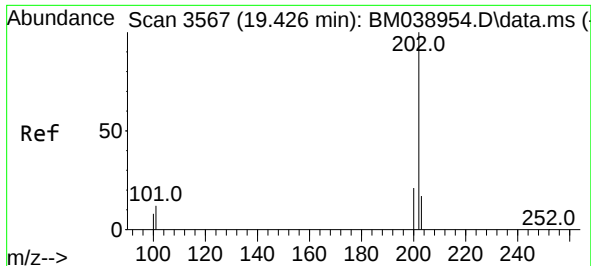
Tgt Ion:178 Resp: 32553
Ion Ratio Lower Upper
178 100
179 15.7 12.7 19.1
176 19.4 15.9 23.9



#16
Anthracene
Concen: 0.354 ng/ul
RT: 17.505 min Scan# 3132
Delta R.T. -0.000 min
Lab File: BM038969.D
Acq: 10 Mar 2023 06:34

Tgt Ion:178 Resp: 26966
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.6
176 18.8 15.4 23.2

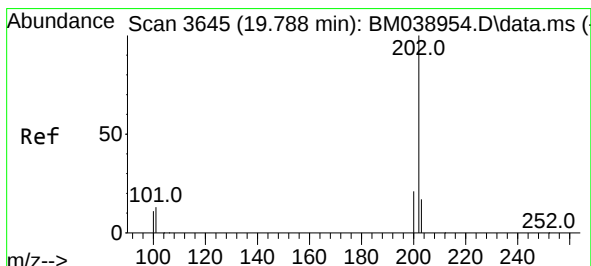
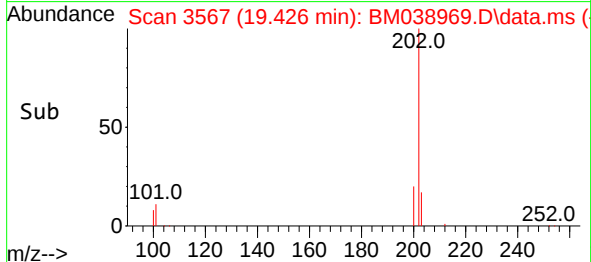
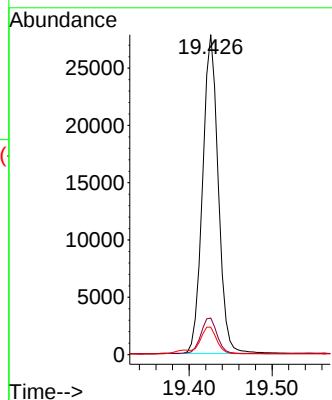
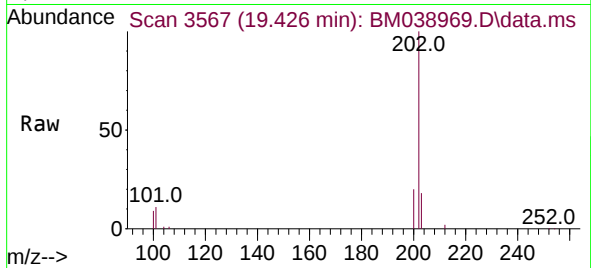




#19
Fluoranthene
Concen: 0.368 ng/ul
RT: 19.426 min Scan# 3567
Delta R.T. -0.000 min
Lab File: BM038969.D
Acq: 10 Mar 2023 06:34

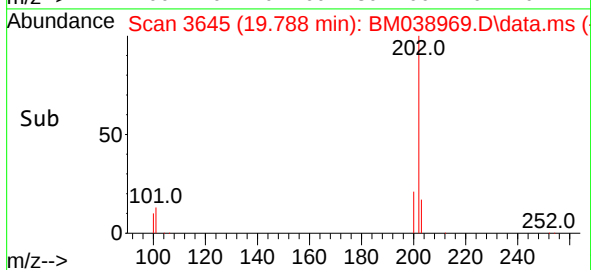
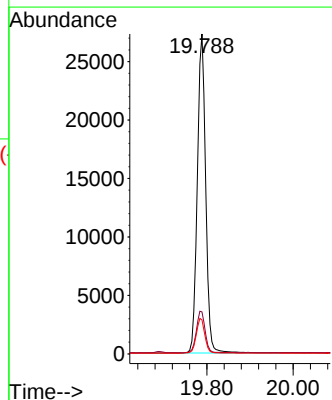
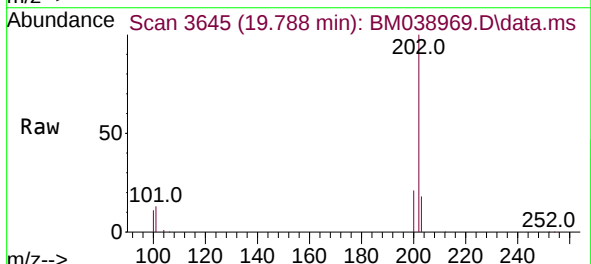
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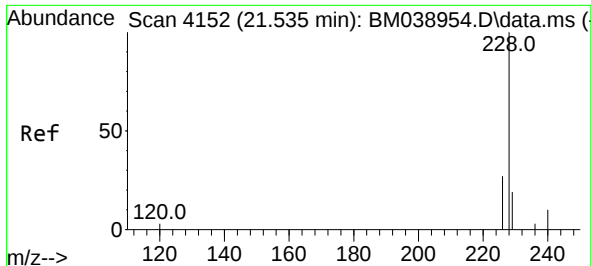
Tgt Ion:202 Resp: 36386
Ion Ratio Lower Upper
202 100
101 11.4 8.9 13.3
100 8.6 6.8 10.2



#20
Pyrene
Concen: 0.362 ng/ul
RT: 19.788 min Scan# 3645
Delta R.T. -0.000 min
Lab File: BM038969.D
Acq: 10 Mar 2023 06:34

Tgt Ion:202 Resp: 36752
Ion Ratio Lower Upper
202 100
101 13.1 11.2 16.8
100 10.6 9.0 13.6

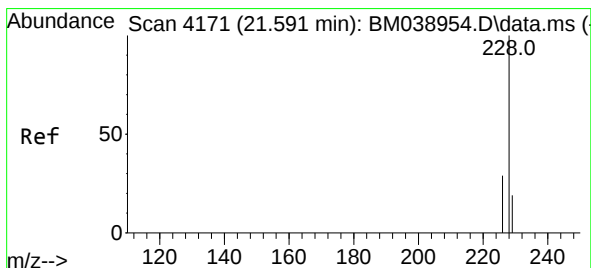
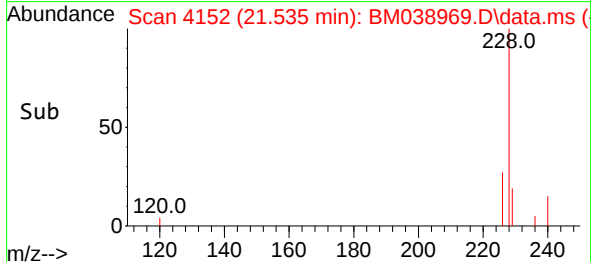
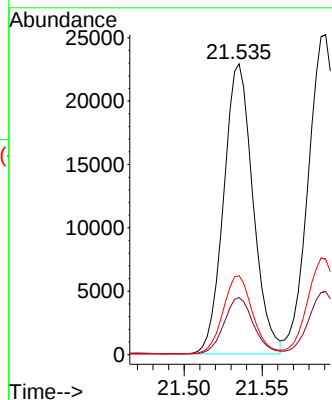
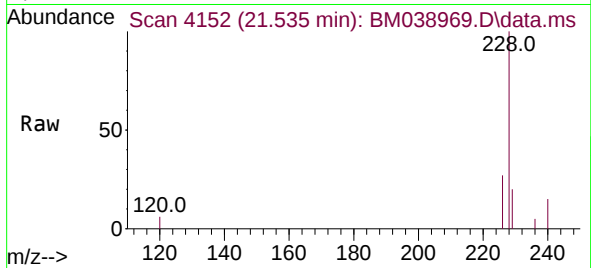




#21
Benzo(a)anthracene
Concen: 0.362 ng/ul
RT: 21.535 min Scan# 4152
Delta R.T. -0.003 min
Lab File: BM038969.D
Acq: 10 Mar 2023 06:34

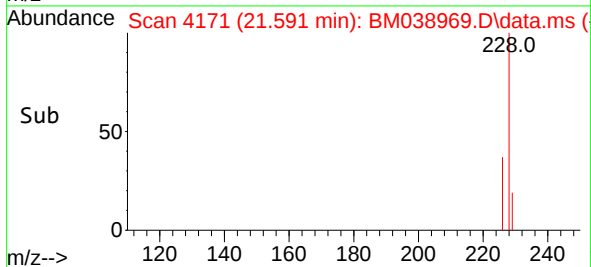
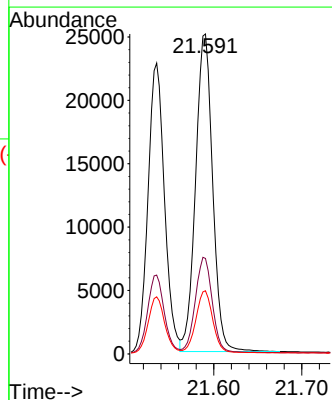
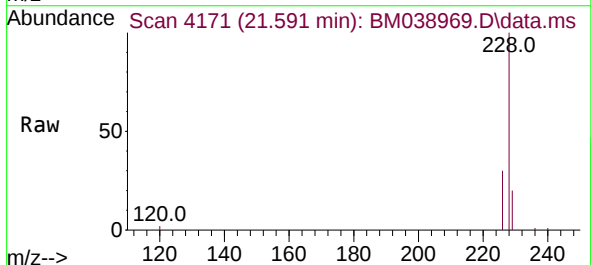
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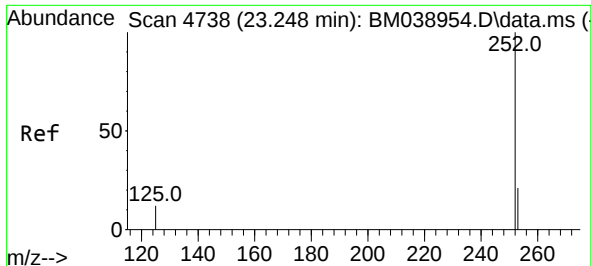
Tgt Ion:228 Resp: 29914
Ion Ratio Lower Upper
228 100
229 19.6 15.6 23.4
226 27.1 22.0 33.0



#22
Chrysene
Concen: 0.339 ng/ul
RT: 21.591 min Scan# 4171
Delta R.T. -0.000 min
Lab File: BM038969.D
Acq: 10 Mar 2023 06:34

Tgt Ion:228 Resp: 33656
Ion Ratio Lower Upper
228 100
226 29.8 24.0 36.0
229 19.7 15.7 23.5

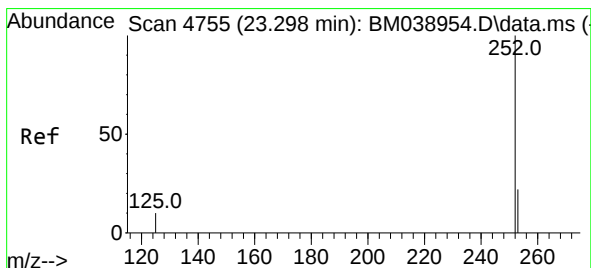
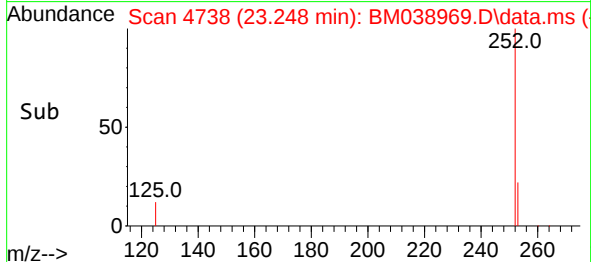
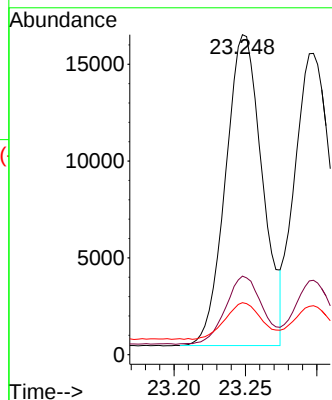
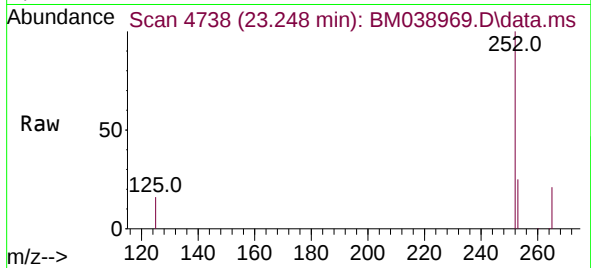




#24
Benzo(b)fluoranthene
Concen: 0.384 ng/ul
RT: 23.248 min Scan# 4738
Delta R.T. -0.003 min
Lab File: BM038969.D
Acq: 10 Mar 2023 06:34

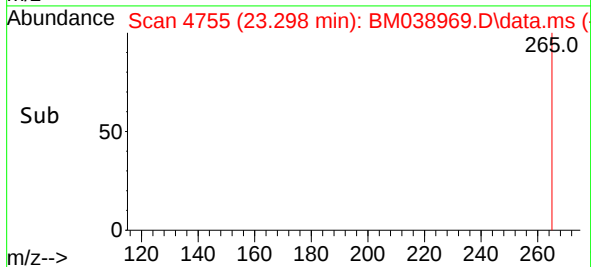
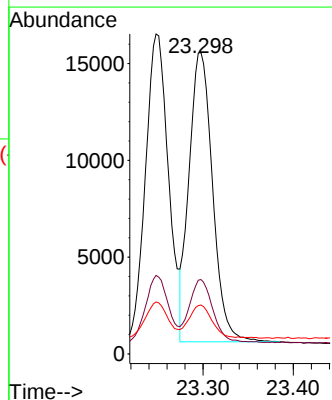
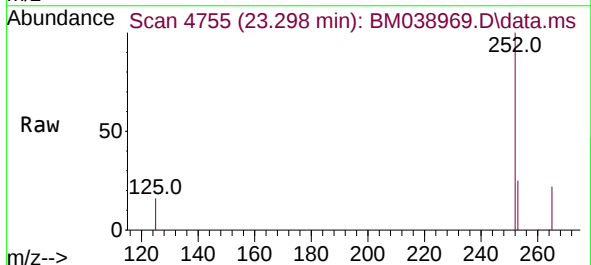
Instrument :
BNA_M
ClientSampleId :
SLCS194

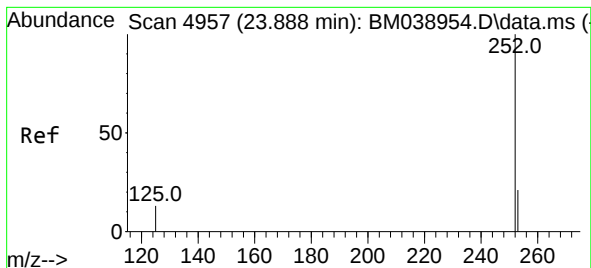
Tgt Ion:252 Resp: 28790
Ion Ratio Lower Upper
252 100
253 24.5 0.0 47.6
125 16.2 0.0 29.2



#25
Benzo(k)fluoranthene
Concen: 0.362 ng/ul
RT: 23.298 min Scan# 4755
Delta R.T. -0.003 min
Lab File: BM038969.D
Acq: 10 Mar 2023 06:34

Tgt Ion:252 Resp: 27108
Ion Ratio Lower Upper
252 100
253 24.7 19.2 28.8
125 16.2 11.8 17.6





#26

Benzo(a)pyrene

Concen: 0.350 ng/ul

RT: 23.888 min Scan# 4957

Delta R.T. -0.000 min

Lab File: BM038969.D

Acq: 10 Mar 2023 06:34

Instrument :

BNA_M

ClientSampleId :

SLCS194

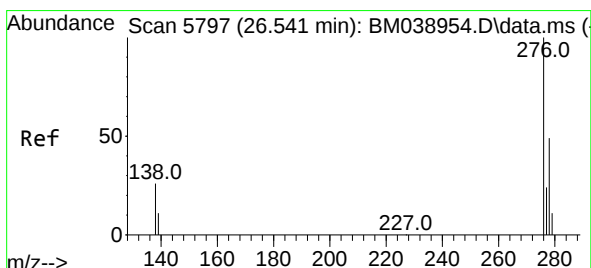
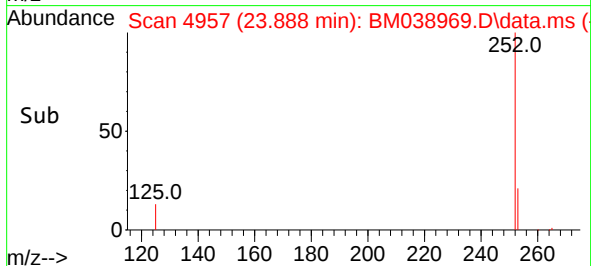
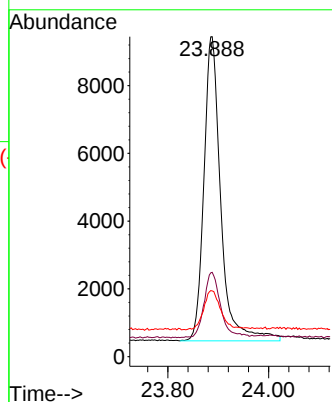
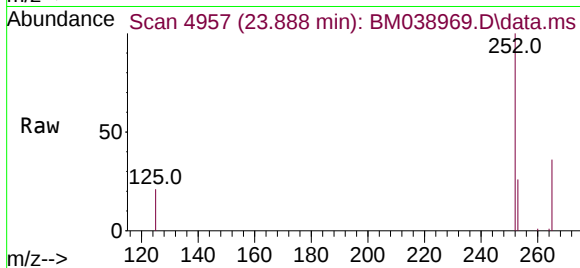
Tgt Ion:252 Resp: 20893

Ion Ratio Lower Upper

252 100

253 26.3 20.3 30.5

125 20.5 14.0 21.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.325 ng/ul

RT: 26.537 min Scan# 5796

Delta R.T. -0.007 min

Lab File: BM038969.D

Acq: 10 Mar 2023 06:34

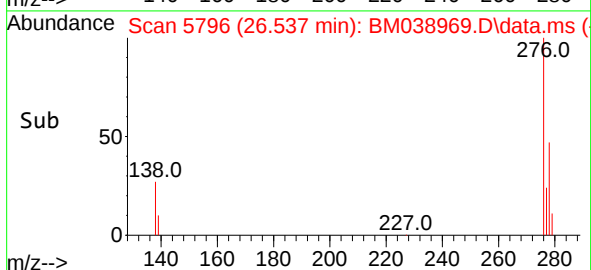
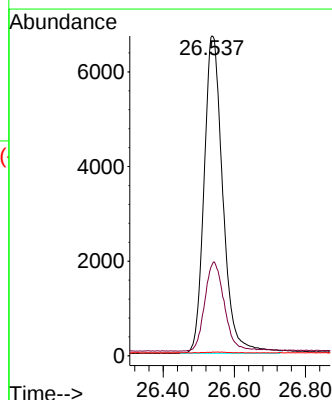
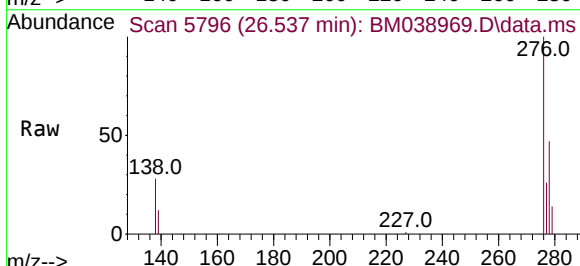
Tgt Ion:276 Resp: 24577

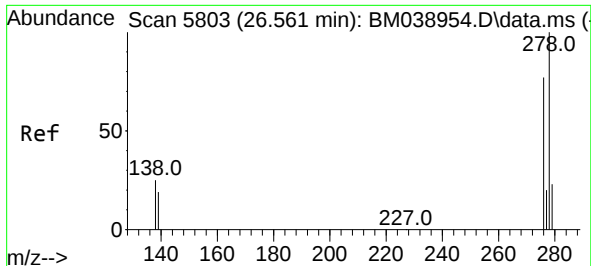
Ion Ratio Lower Upper

276 100

138 29.4 22.2 33.4

227 0.1 0.2 0.2#

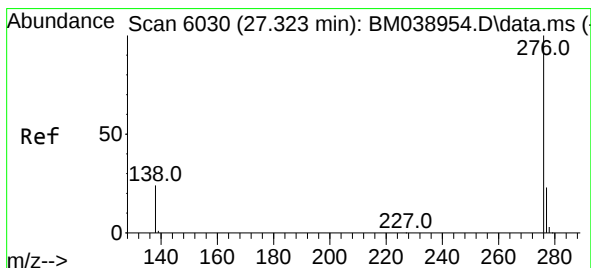
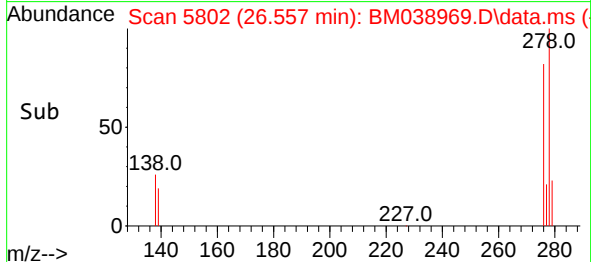
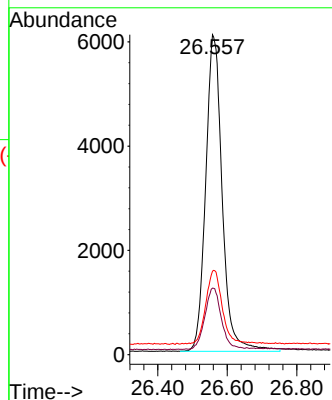
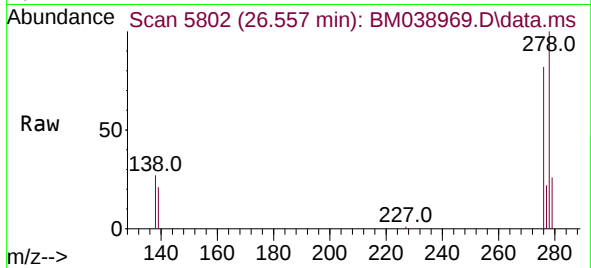




#28
Dibenzo(a,h)anthracene
Concen: 0.349 ng/ul
RT: 26.557 min Scan# 5803
Delta R.T. -0.011 min
Lab File: BM038969.D
Acq: 10 Mar 2023 06:34

Instrument :
BNA_M
ClientSampleId :
SLCS194

Tgt Ion: 278 Resp: 20081
Ion Ratio Lower Upper
278 100
139 20.8 16.0 24.0
279 26.1 21.8 32.6



#29
Benzo(g,h,i)perylene
Concen: 0.308 ng/ul
RT: 27.319 min Scan# 6029
Delta R.T. -0.007 min
Lab File: BM038969.D
Acq: 10 Mar 2023 06:34

Tgt Ion: 276 Resp: 21683
Ion Ratio Lower Upper
276 100
138 25.9 20.2 30.4
277 24.6 19.8 29.8

