

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112122\
 Data File : BM037673.D
 Acq On : 23 Nov 2022 10:43
 Operator : CG/JU
 Sample : PB149041BS
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS041

Quant Time: Nov 24 01:48:44 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 21 22:36:32 2022
 Response via : Initial Calibration

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

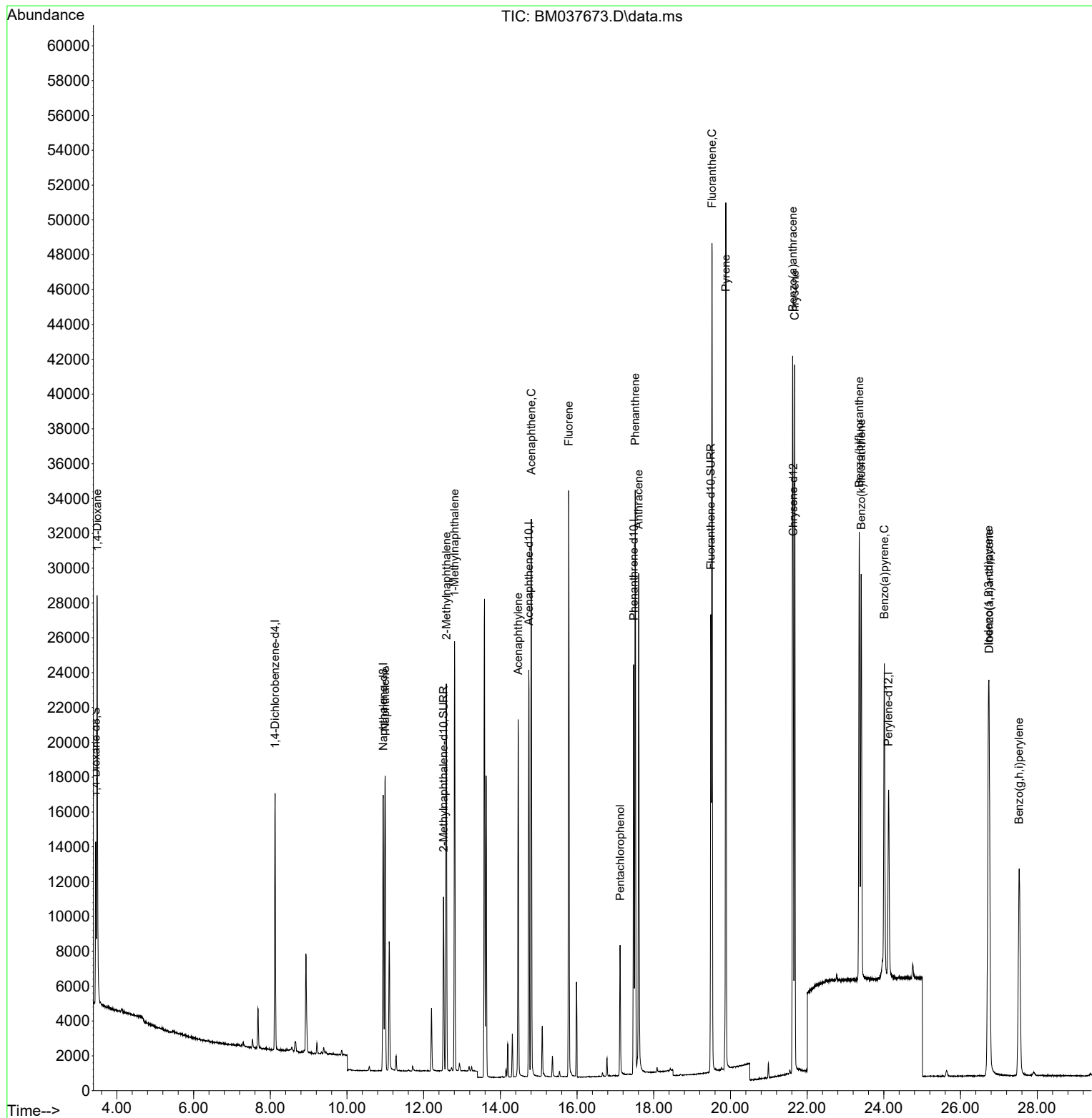
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.125	152	7163	0.400	ng/ul	0.00
4) Naphthalene-d8	10.946	136	20619	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.741	164	12534	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.478	188	27760	0.400	ng/ul	0.00
17) Chrysene-d12	21.637	240	18678	0.400	ng/ul	# 0.00
23) Perylene-d12	24.122	264	15647	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.450	96	5764	0.692	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.519	152	12207	0.357	ng/ul	0.00
18) Fluoranthene-d10	19.489	212	26505	0.429	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.484	88	15247	1.759	ng/ul#	52
5) Naphthalene	10.996	128	23107	0.369	ng/ul	98
7) 2-Methylnaphthalene	12.590	142	15029	0.353	ng/ul	100
8) 1-Methylnaphthalene	12.805	142	16056	0.368	ng/ul	100
10) Acenaphthylene	14.464	152	22888	0.329	ng/ul	99
11) Acenaphthene	14.806	153	18009	0.371	ng/ul	99
12) Fluorene	15.782	166	21127	0.361	ng/ul	99
14) Pentachlorophenol	17.123	266	5036	0.809	ng/ul	100
15) Phenanthrene	17.516	178	35319	0.372	ng/ul	100
16) Anthracene	17.609	178	31047	0.339	ng/ul	99
19) Fluoranthene	19.521	202	39859	0.442	ng/ul	98
20) Pyrene	19.879	202	40439	0.432	ng/ul	96
21) Benzo(a)anthracene	21.622	228	33111	0.397	ng/ul	99
22) Chrysene	21.675	228	34822	0.420	ng/ul	100
24) Benzo(b)fluoranthene	23.358	252	33737	0.473	ng/ul	91
25) Benzo(k)fluoranthene	23.408	252	31319	0.435	ng/ul#	93
26) Benzo(a)pyrene	24.010	252	27436	0.442	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.728	276	32708	0.398	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.745	278	25254	0.391	ng/ul	96
29) Benzo(g,h,i)perylene	27.530	276	26882	0.385	ng/ul	96

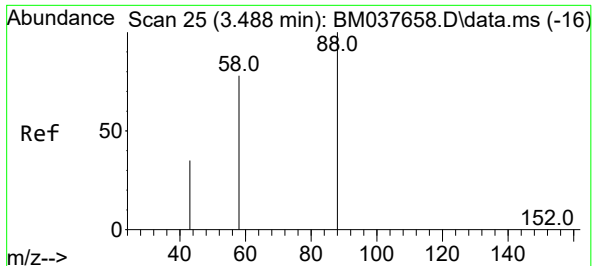
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 24 01:48:44 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM11622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 21 22:36:32 2022
Response via : Initial Calibration

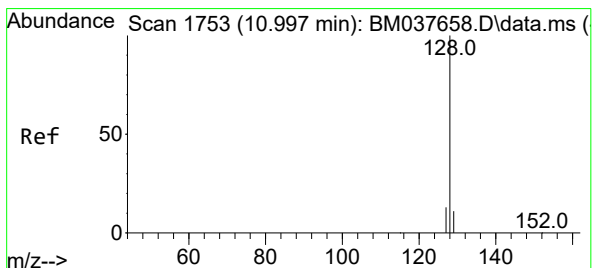
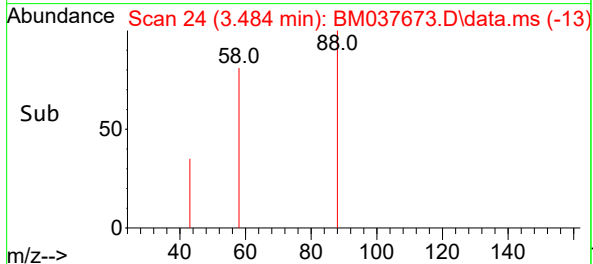
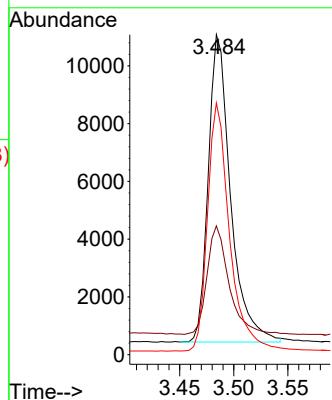
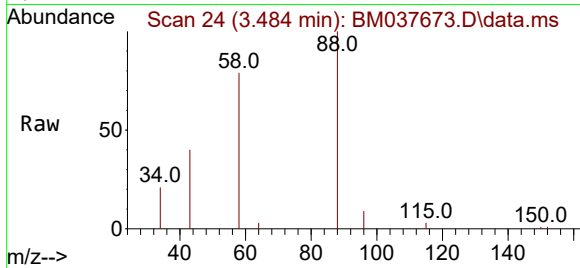




#2
1,4-Dioxane
Concen: 1.759 ng/ul
RT: 3.484 min Scan# 24
Delta R.T. -0.004 min
Lab File: BM037673.D
Acq: 23 Nov 2022 10:43

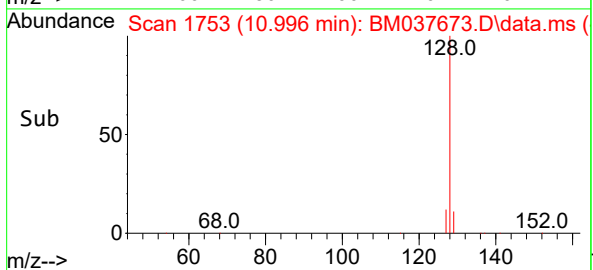
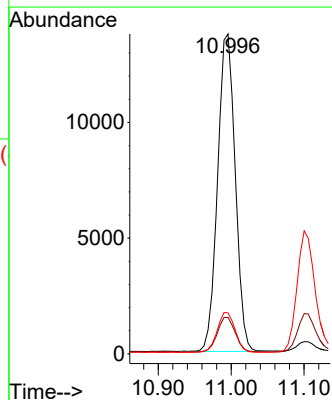
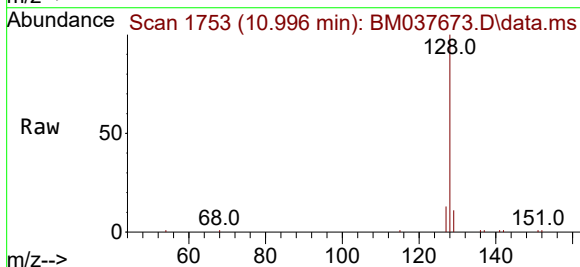
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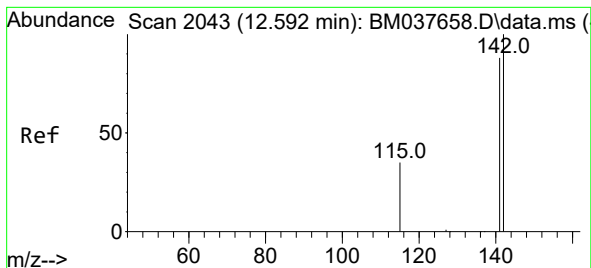
Tgt Ion: 88 Resp: 15247
Ion Ratio Lower Upper
88 100
43 40.3 102.8 154.2#
58 78.7 67.3 100.9



#5
Naphthalene
Concen: 0.369 ng/ul
RT: 10.996 min Scan# 1753
Delta R.T. -0.005 min
Lab File: BM037673.D
Acq: 23 Nov 2022 10:43

Tgt Ion: 128 Resp: 23107
Ion Ratio Lower Upper
128 100
129 11.4 9.8 14.8
127 12.8 11.0 16.4





#7

2-Methylnaphthalene

Concen: 0.353 ng/ul

RT: 12.590 min Scan# 2043

Delta R.T. -0.005 min

Lab File: BM037673.D

Acq: 23 Nov 2022 10:43

Instrument :

BNA_M

ClientSampleId :

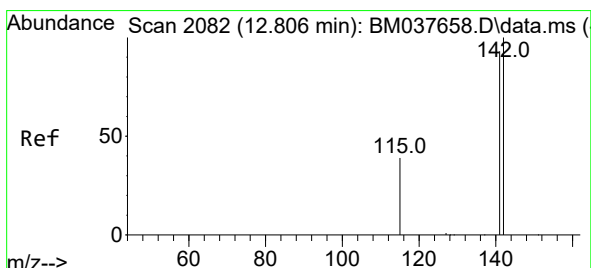
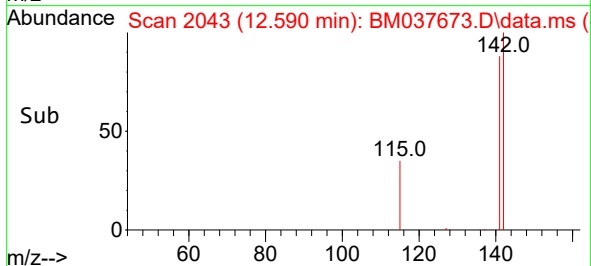
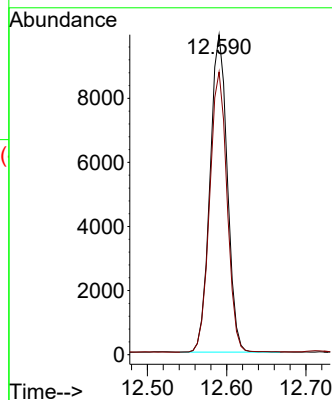
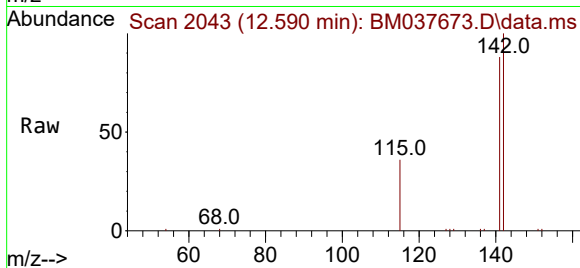
SLCS041

Tgt Ion:142 Resp: 15029

Ion Ratio Lower Upper

142 100

141 88.6 71.0 106.4



#8

1-Methylnaphthalene

Concen: 0.368 ng/ul

RT: 12.805 min Scan# 2082

Delta R.T. -0.005 min

Lab File: BM037673.D

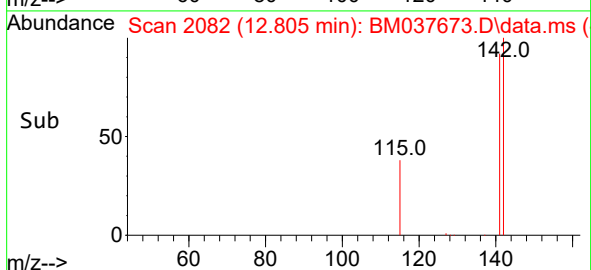
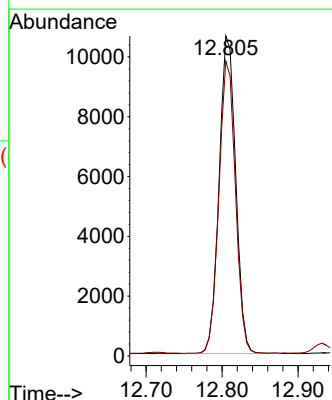
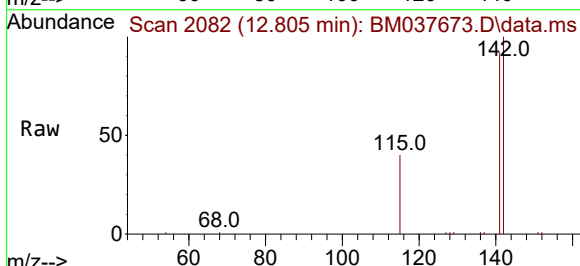
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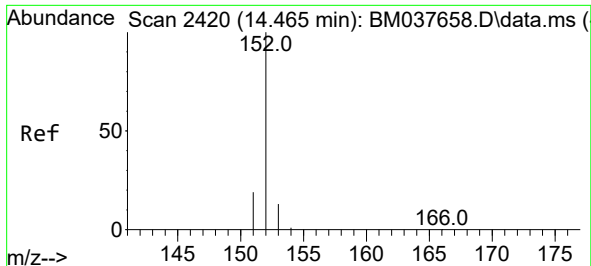
Tgt Ion:142 Resp: 16056

Ion Ratio Lower Upper

142 100

141 91.6 73.4 110.0

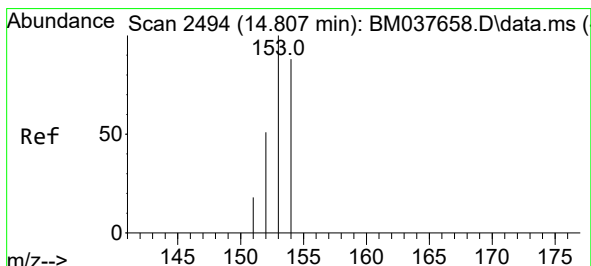
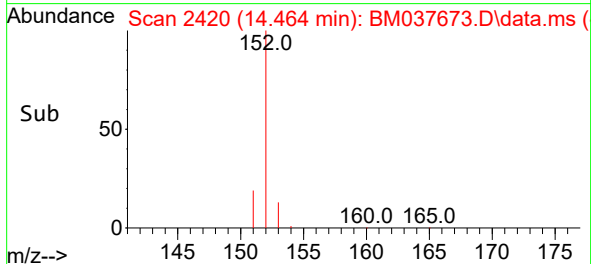
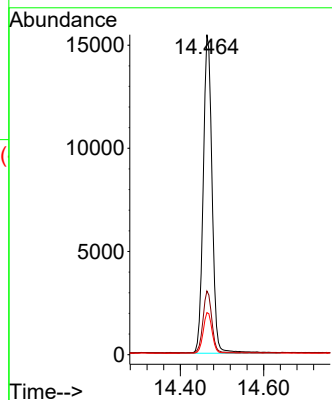
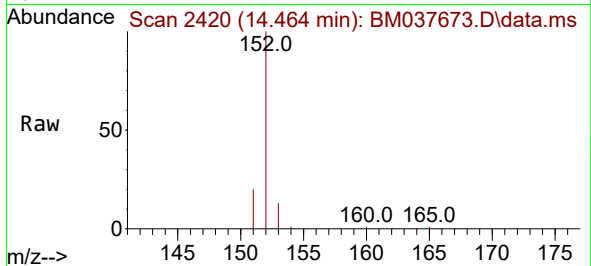




#10
Acenaphthylene
Concen: 0.329 ng/ul
RT: 14.464 min Scan# 2420
Delta R.T. -0.005 min
Lab File: BM037673.D
Acq: 23 Nov 2022 10:43

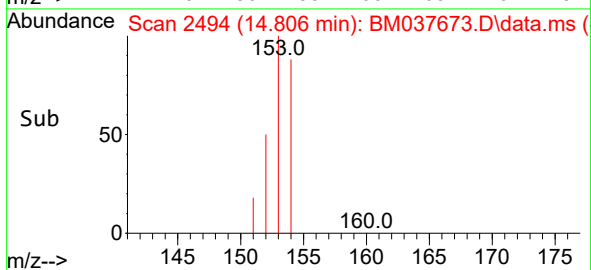
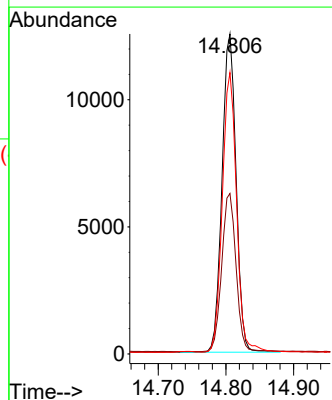
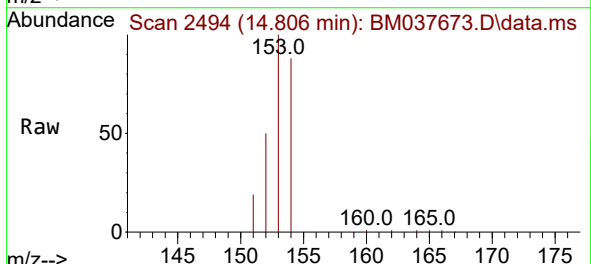
Instrument :
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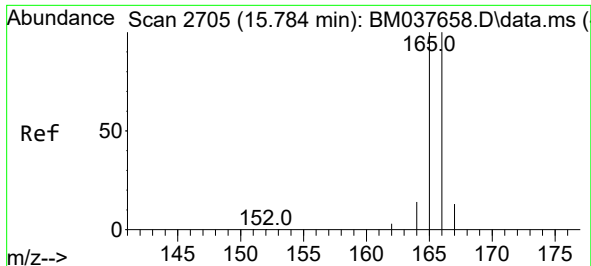
Tgt Ion:152 Resp: 22888
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.1 11.0 16.4



#11
Acenaphthene
Concen: 0.371 ng/ul
RT: 14.806 min Scan# 2494
Delta R.T. -0.005 min
Lab File: BM037673.D
Acq: 23 Nov 2022 10:43

Tgt Ion:153 Resp: 18009
Ion Ratio Lower Upper
153 100
152 50.1 39.4 59.0
154 88.0 69.5 104.3

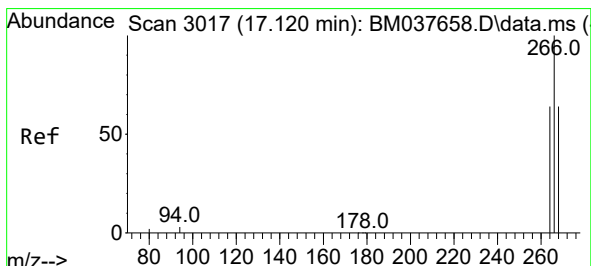
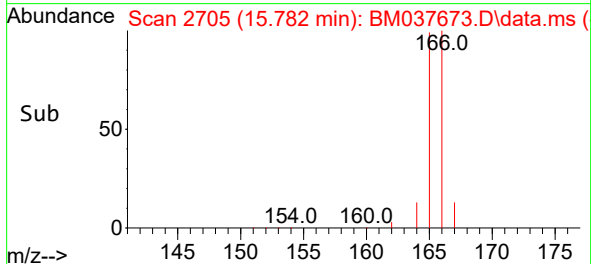
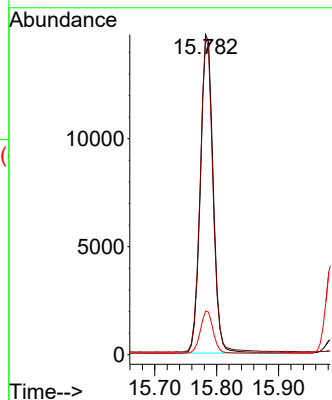
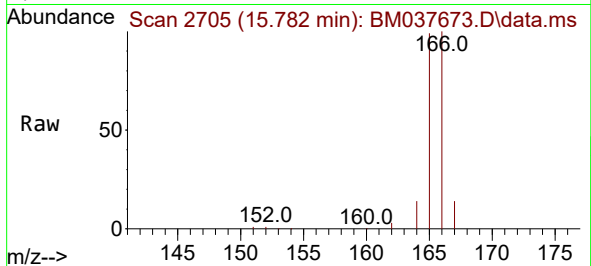




#12
Fluorene
Concen: 0.361 ng/ul
RT: 15.782 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM037673.D
Acq: 23 Nov 2022 10:43

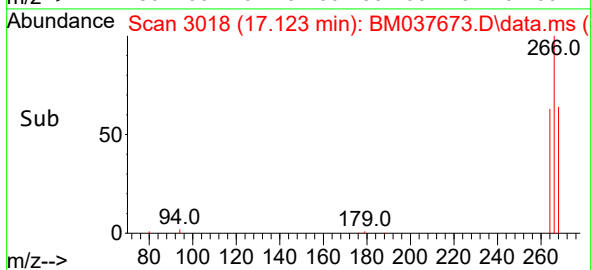
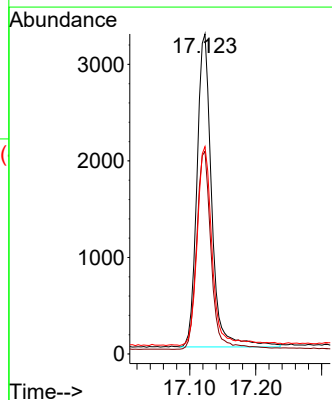
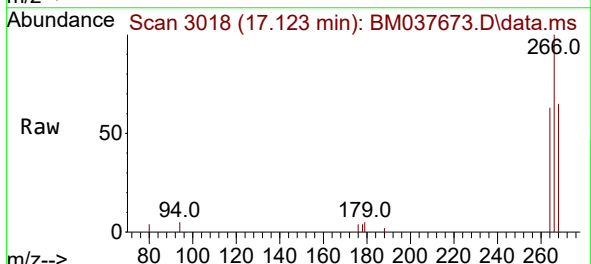
Instrument :
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ClientSampleId :
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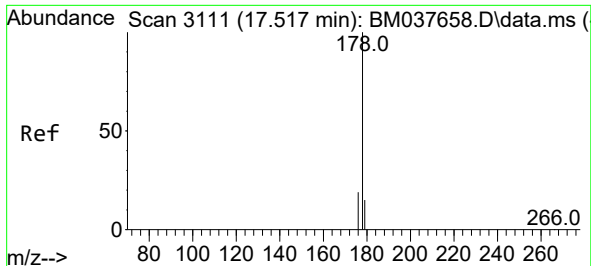
Tgt Ion:166 Resp: 21127
Ion Ratio Lower Upper
166 100
165 99.0 78.7 118.1
167 13.7 11.3 16.9



#14
Pentachlorophenol
Concen: 0.809 ng/ul
RT: 17.123 min Scan# 3018
Delta R.T. -0.004 min
Lab File: BM037673.D
Acq: 23 Nov 2022 10:43

Tgt Ion:266 Resp: 5036
Ion Ratio Lower Upper
266 100
264 62.8 50.2 75.2
268 64.8 52.0 78.0

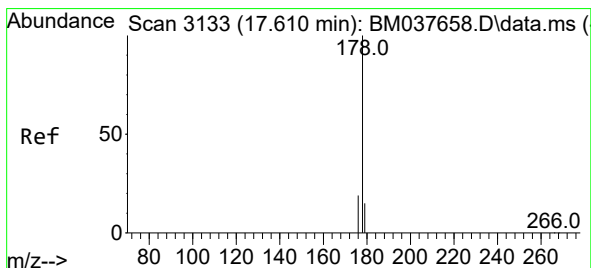
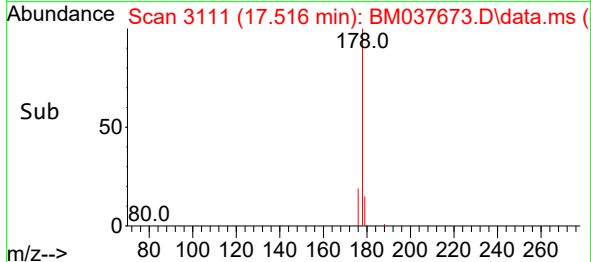
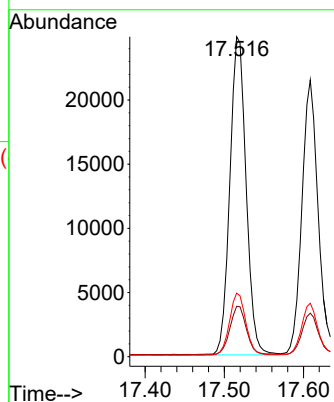
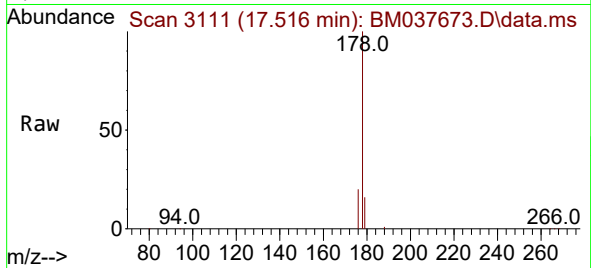




#15
Phenanthrene
Concen: 0.372 ng/ul
RT: 17.516 min Scan# 3111
Delta R.T. -0.008 min
Lab File: BM037673.D
Acq: 23 Nov 2022 10:43

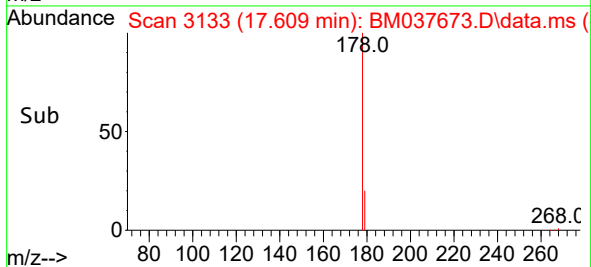
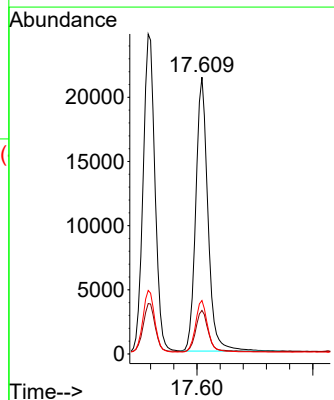
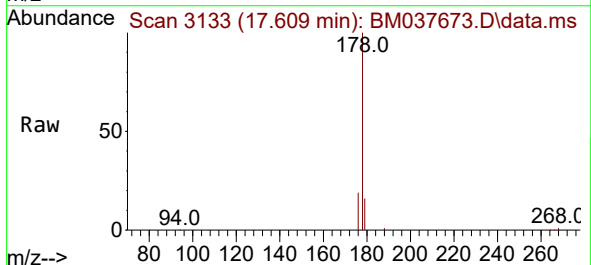
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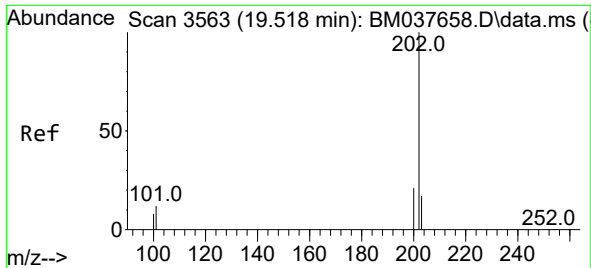
Tgt Ion:178 Resp: 35319
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.8 16.0 24.0



#16
Anthracene
Concen: 0.339 ng/ul
RT: 17.609 min Scan# 3133
Delta R.T. -0.004 min
Lab File: BM037673.D
Acq: 23 Nov 2022 10:43

Tgt Ion:178 Resp: 31047
Ion Ratio Lower Upper
178 100
179 15.7 12.8 19.2
176 19.3 15.0 22.6

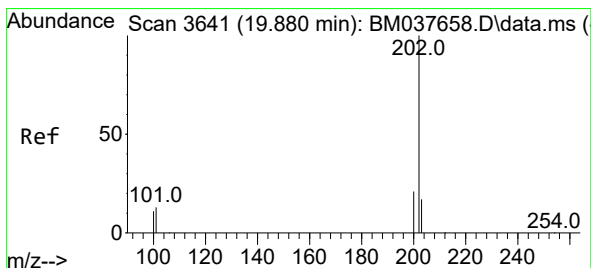
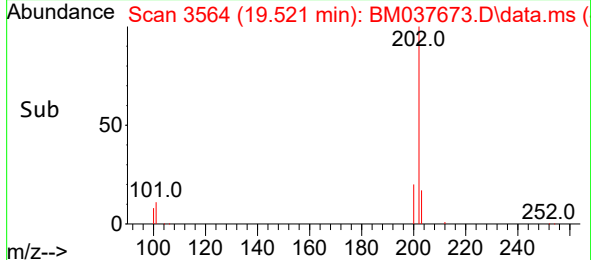
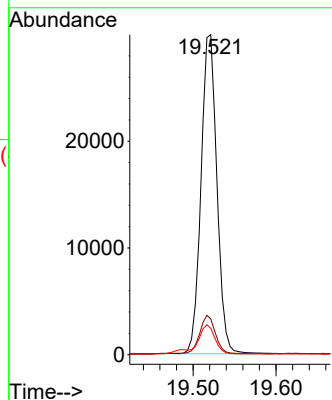
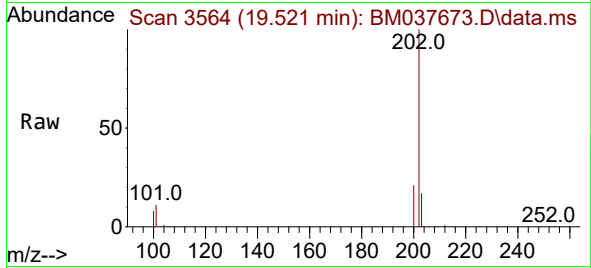




#19
Fluoranthene
Concen: 0.442 ng/ul
RT: 19.521 min Scan# 3564
Delta R.T. 0.000 min
Lab File: BM037673.D
Acq: 23 Nov 2022 10:43

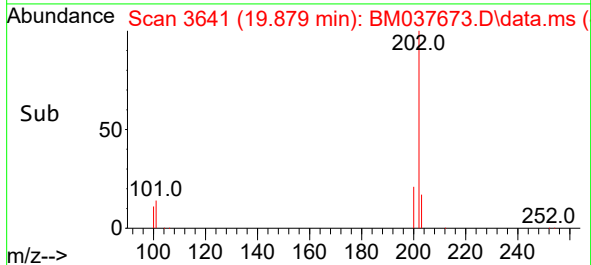
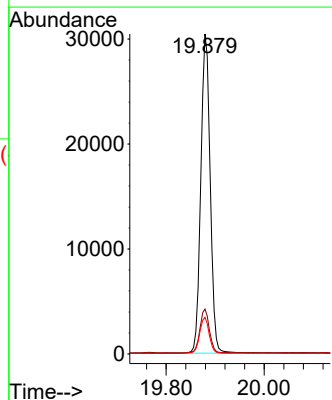
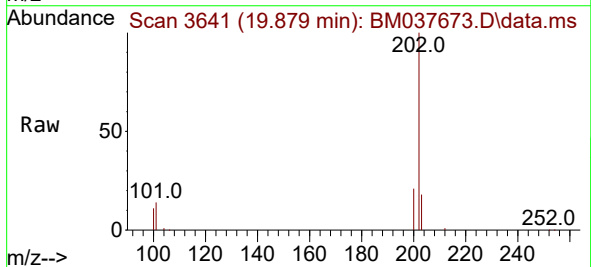
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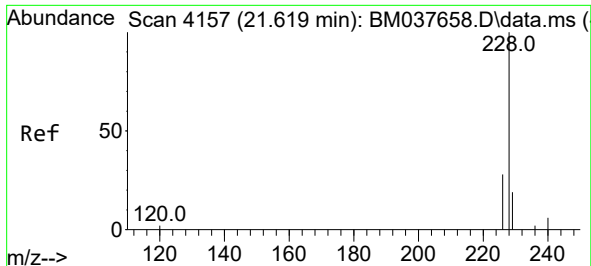
Tgt Ion:202 Resp: 39859
Ion Ratio Lower Upper
202 100
101 11.1 8.2 12.2
100 8.2 6.1 9.1



#20
Pyrene
Concen: 0.432 ng/ul
RT: 19.879 min Scan# 3641
Delta R.T. -0.005 min
Lab File: BM037673.D
Acq: 23 Nov 2022 10:43

Tgt Ion:202 Resp: 40439
Ion Ratio Lower Upper
202 100
101 14.0 10.1 15.1
100 11.5 8.0 12.0

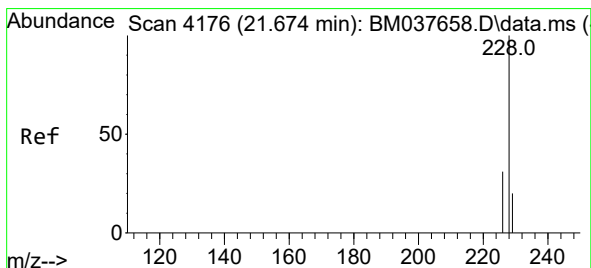
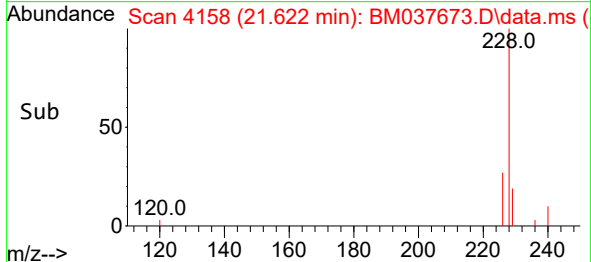
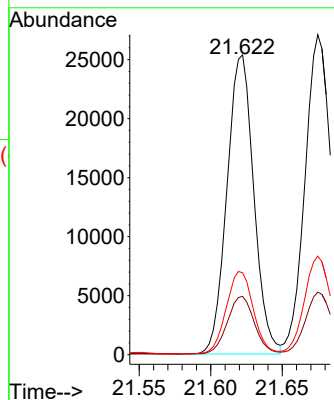
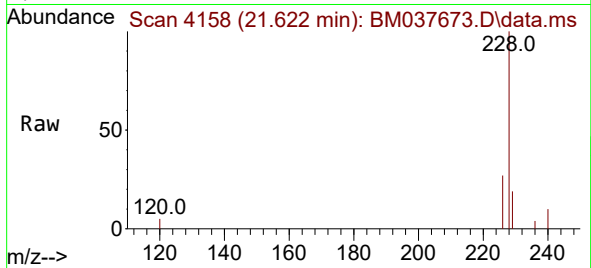




#21
Benzo(a)anthracene
Concen: 0.397 ng/ul
RT: 21.622 min Scan# 4157
Delta R.T. 0.000 min
Lab File: BM037673.D
Acq: 23 Nov 2022 10:43

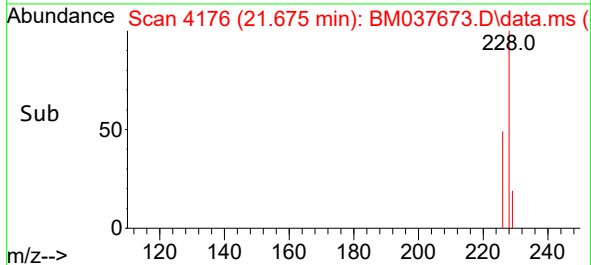
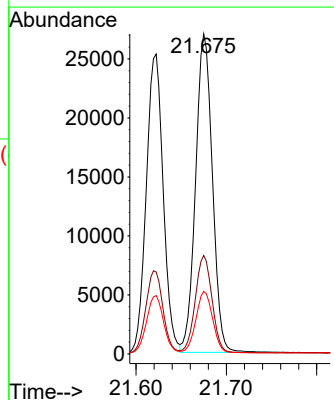
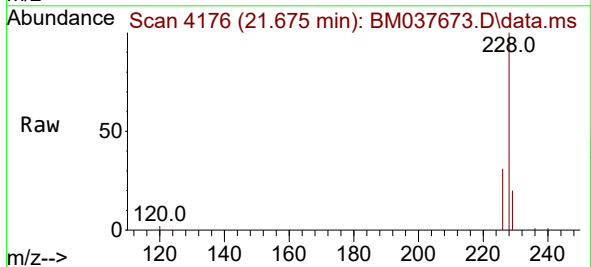
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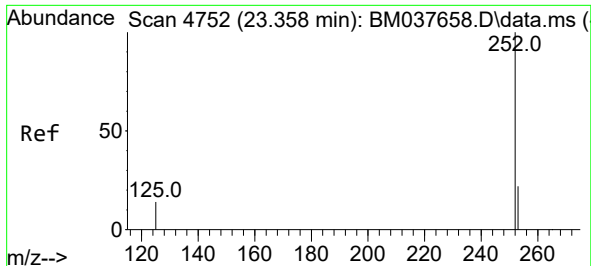
Tgt Ion:228 Resp: 33111
Ion Ratio Lower Upper
228 100
229 19.5 15.7 23.5
226 27.3 22.2 33.2



#22
Chrysene
Concen: 0.420 ng/ul
RT: 21.675 min Scan# 4176
Delta R.T. 0.000 min
Lab File: BM037673.D
Acq: 23 Nov 2022 10:43

Tgt Ion:228 Resp: 34822
Ion Ratio Lower Upper
228 100
226 30.8 24.6 37.0
229 19.5 15.5 23.3

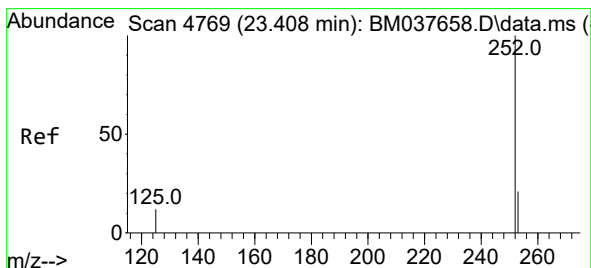
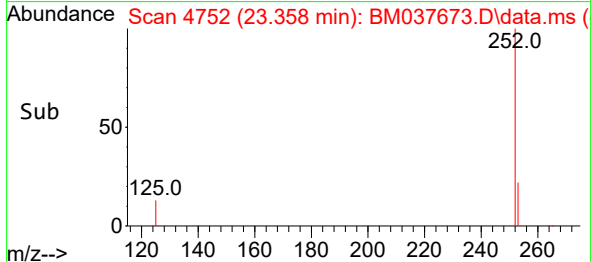
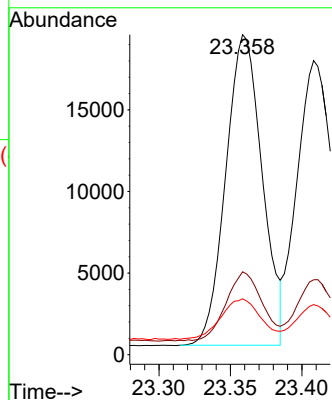
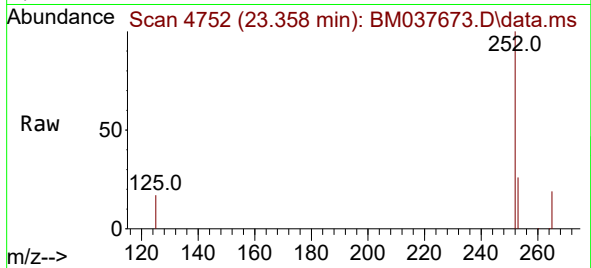




#24
Benzo(b)fluoranthene
Concen: 0.473 ng/ul
RT: 23.358 min Scan# 4752
Delta R.T. -0.003 min
Lab File: BM037673.D
Acq: 23 Nov 2022 10:43

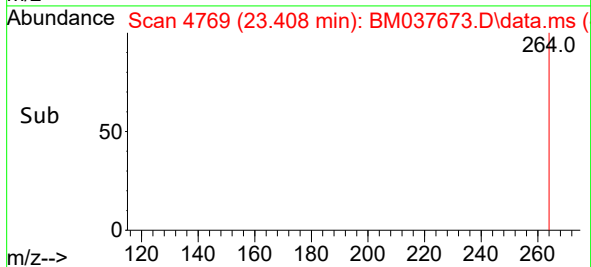
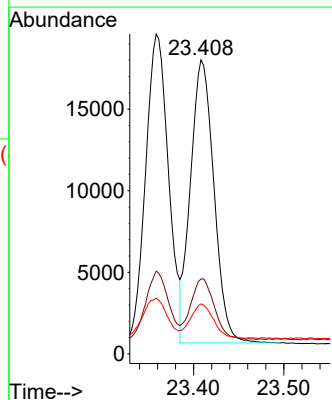
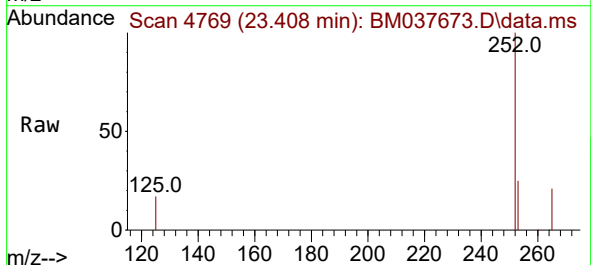
Instrument :
BNA_M
ClientSampleId :
SLCS041

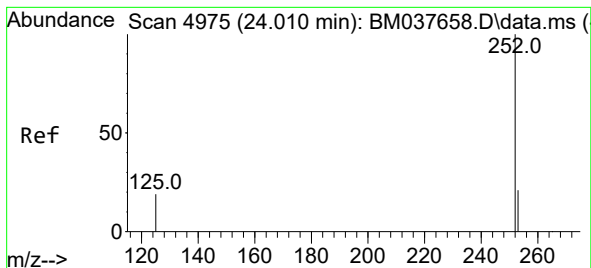
Tgt Ion:252 Resp: 33737
Ion Ratio Lower Upper
252 100
253 25.9 0.0 46.2
125 17.5 0.0 23.4



#25
Benzo(k)fluoranthene
Concen: 0.435 ng/ul
RT: 23.408 min Scan# 4769
Delta R.T. -0.003 min
Lab File: BM037673.D
Acq: 23 Nov 2022 10:43

Tgt Ion:252 Resp: 31319
Ion Ratio Lower Upper
252 100
253 25.5 18.8 28.2
125 17.0 9.8 14.6#





#26

Benzo(a)pyrene

Concen: 0.442 ng/ul

RT: 24.010 min Scan# 4975

Delta R.T. -0.003 min

Lab File: BM037673.D

Acq: 23 Nov 2022 10:43

Instrument :

BNA_M

ClientSampleId :

SLCS041

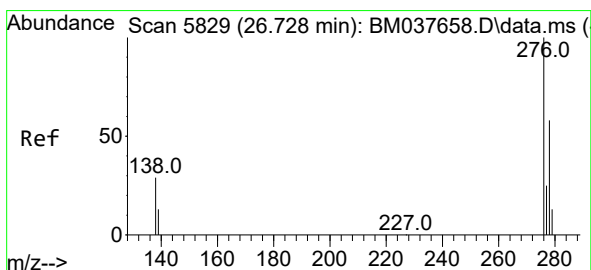
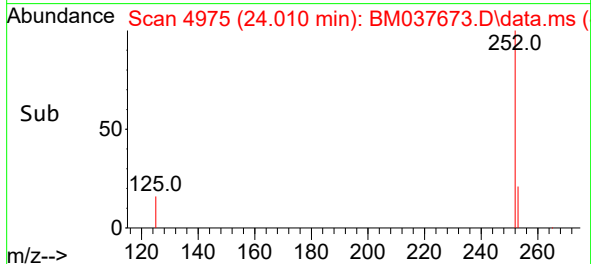
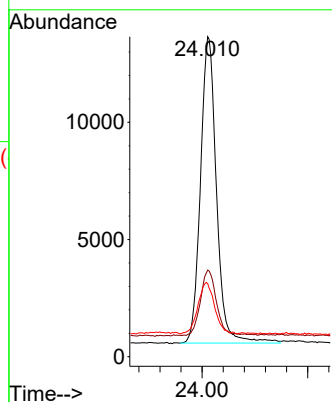
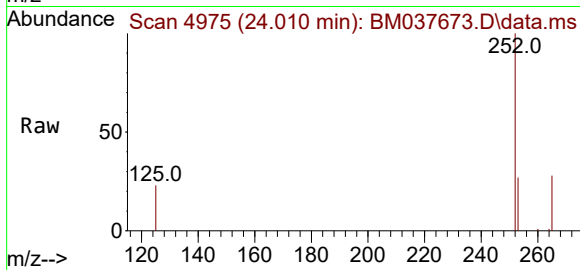
Tgt Ion:252 Resp: 27436

Ion Ratio Lower Upper

252 100

253 27.0 18.8 28.2

125 22.8 10.5 15.7#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.398 ng/ul

RT: 26.728 min Scan# 5829

Delta R.T. 0.000 min

Lab File: BM037673.D

Acq: 23 Nov 2022 10:43

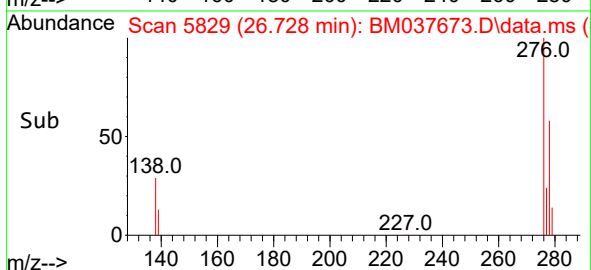
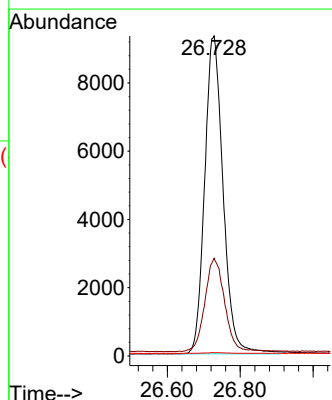
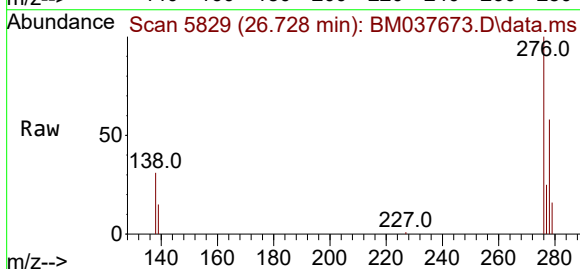
Tgt Ion:276 Resp: 32708

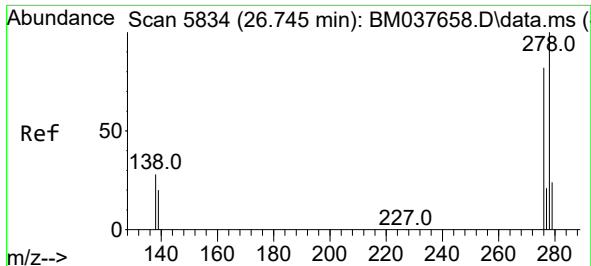
Ion Ratio Lower Upper

276 100

138 31.2 21.2 31.8

227 0.2 0.1 0.1#

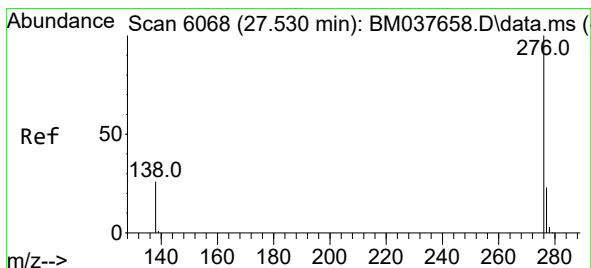
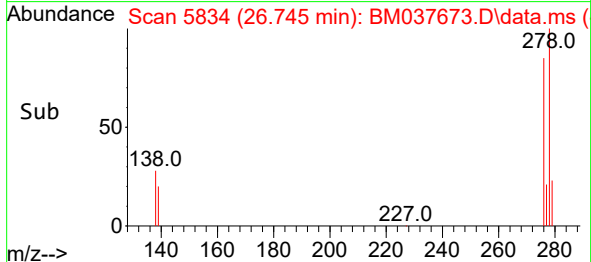
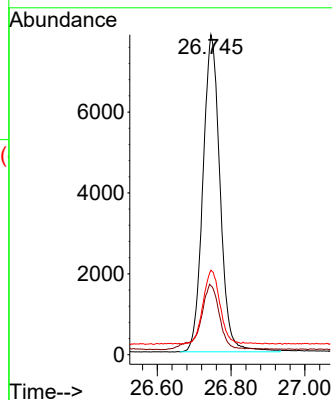
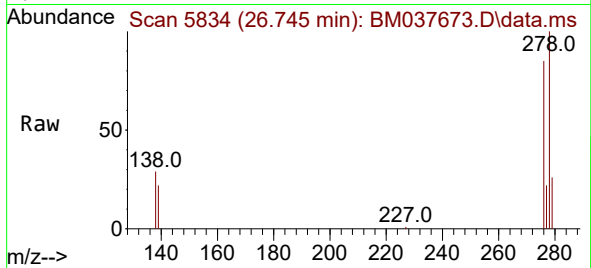




#28
Dibenzo(a,h)anthracene
Concen: 0.391 ng/ul
RT: 26.745 min Scan# 5834
Delta R.T. -0.003 min
Lab File: BM037673.D
Acq: 23 Nov 2022 10:43

Instrument :
BNA_M
ClientSampleId :
SLCS041

Tgt Ion:278 Resp: 25254
Ion Ratio Lower Upper
278 100
139 21.5 15.2 22.8
279 26.4 20.2 30.2



#29
Benzo(g,h,i)perylene
Concen: 0.385 ng/ul
RT: 27.530 min Scan# 6068
Delta R.T. -0.003 min
Lab File: BM037673.D
Acq: 23 Nov 2022 10:43

Tgt Ion:276 Resp: 26882
Ion Ratio Lower Upper
276 100
138 27.2 19.0 28.4
277 24.0 19.4 29.2

