

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112122\
 Data File : BM037679.D
 Acq On : 23 Nov 2022 14:43
 Operator : CG/JU
 Sample : PB149056BS
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS056

Quant Time: Nov 24 01:49:41 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

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

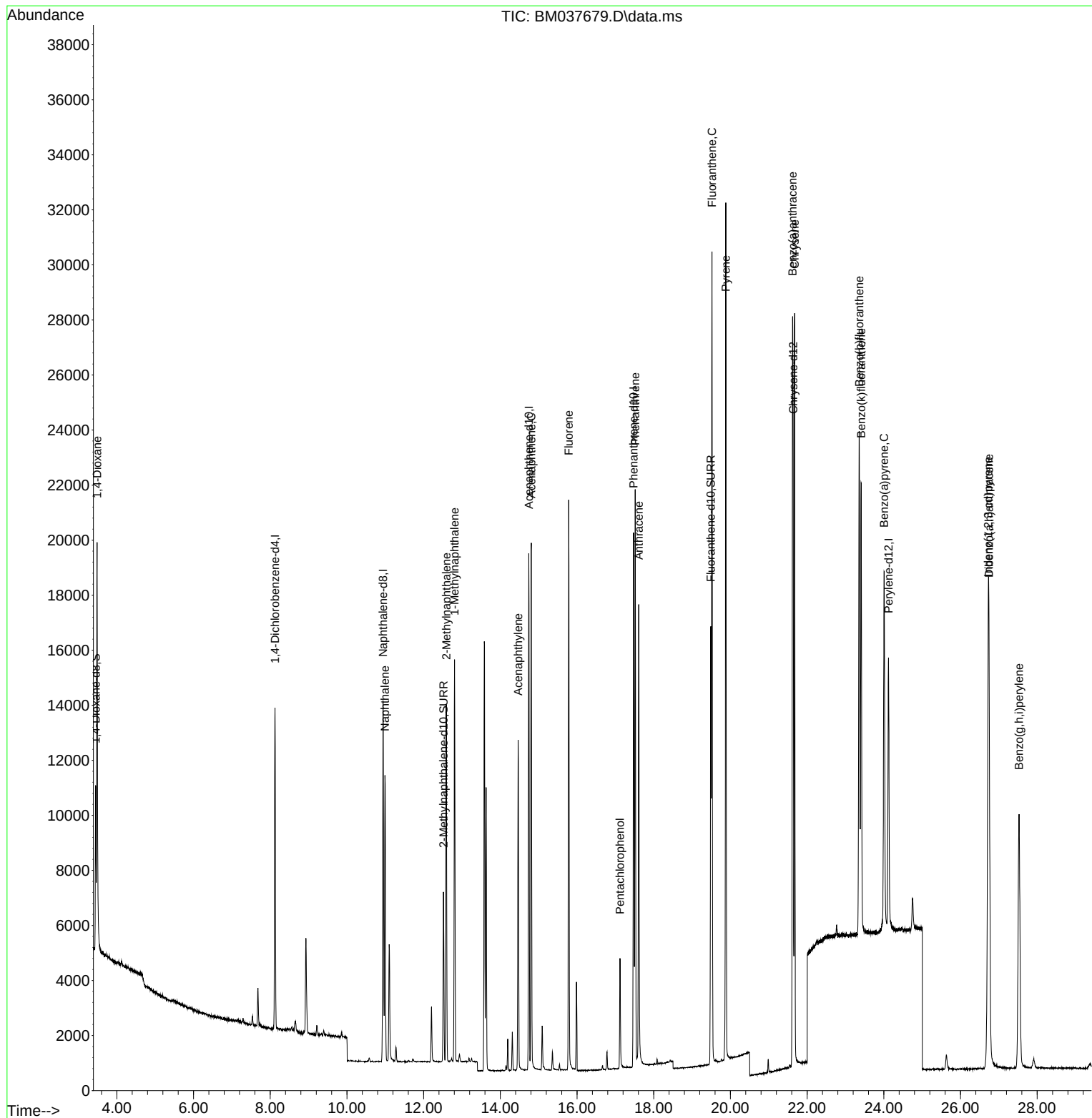
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.125	152	5754	0.400	ng/ul	0.00
4) Naphthalene-d8	10.942	136	16658	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.743	164	9827	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.475	188	22403	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.636	240	15629	0.400	ng/ul	# 0.00
23) Perylene-d12	24.121	264	14041	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.450	96	3950	0.590	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.515	152	7571	0.274	ng/ul	0.00
18) Fluoranthene-d10	19.490	212	16671	0.323	ng/ul	0.00
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.484	88	9661	1.388	ng/ul#	53
5) Naphthalene	10.991	128	13921	0.275	ng/ul	98
7) 2-Methylnaphthalene	12.592	142	9009	0.262	ng/ul	100
8) 1-Methylnaphthalene	12.806	142	9630	0.273	ng/ul	100
10) Acenaphthylene	14.465	152	13561	0.249	ng/ul	99
11) Acenaphthene	14.807	153	10834	0.284	ng/ul	99
12) Fluorene	15.784	166	12720	0.277	ng/ul	98
14) Pentachlorophenol	17.120	266	2724	0.542	ng/ul	98
15) Phenanthrene	17.517	178	21589	0.282	ng/ul	99
16) Anthracene	17.610	178	18590	0.252	ng/ul	99
19) Fluoranthene	19.518	202	24399	0.324	ng/ul#	94
20) Pyrene	19.880	202	24974	0.319	ng/ul	97
21) Benzo(a)anthracene	21.619	228	21270	0.304	ng/ul	100
22) Chrysene	21.674	228	23021	0.332	ng/ul	100
24) Benzo(b)fluoranthene	23.358	252	24035	0.375	ng/ul	88
25) Benzo(k)fluoranthene	23.408	252	21759	0.337	ng/ul#	90
26) Benzo(a)pyrene	24.010	252	19709	0.354	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.721	276	24883	0.338	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.741	278	19056	0.329	ng/ul#	92
29) Benzo(g,h,i)perylene	27.526	276	20568	0.329	ng/ul#	92

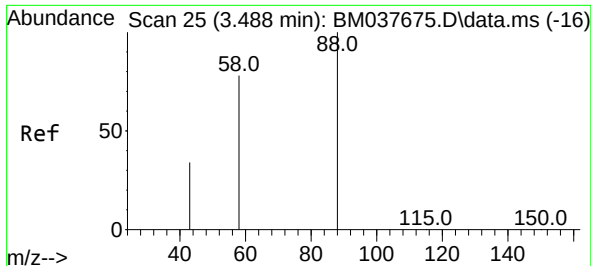
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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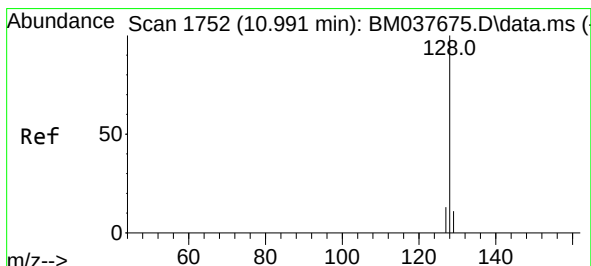
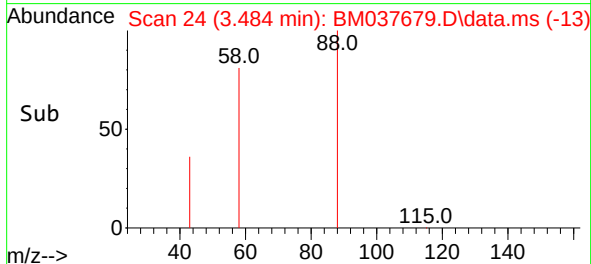
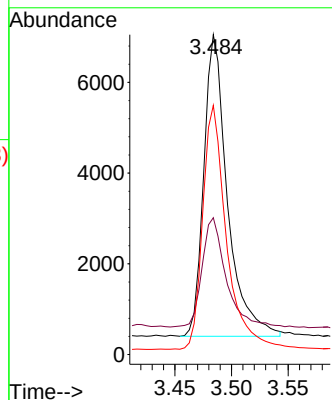
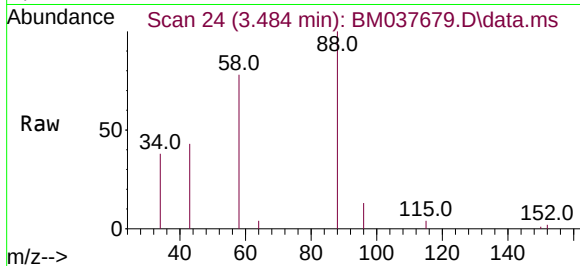




#2
1,4-Dioxane
Concen: 1.388 ng/ul
RT: 3.484 min Scan# 24
Delta R.T. -0.004 min
Lab File: BM037679.D
Acq: 23 Nov 2022 14:43

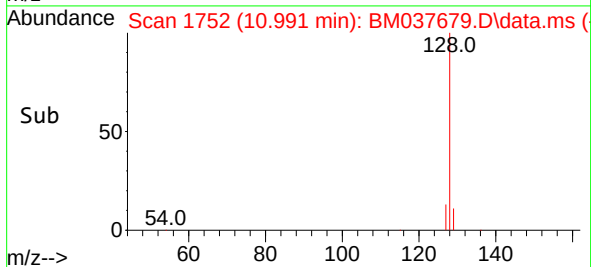
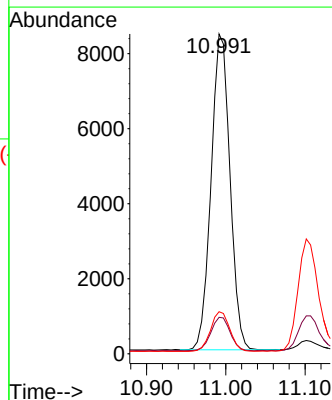
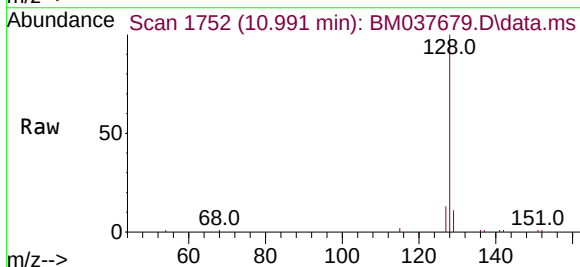
Instrument :
BNA_M
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SLCS056

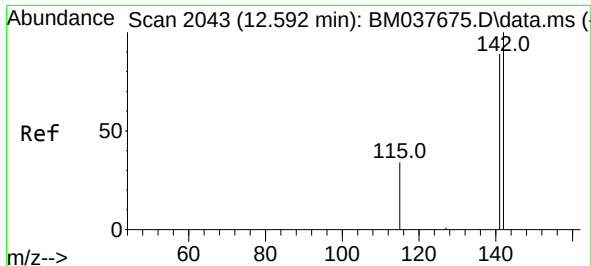
Tgt Ion: 88 Resp: 9661
Ion Ratio Lower Upper
88 100
43 42.8 102.8 154.2#
58 77.9 67.3 100.9



#5
Naphthalene
Concen: 0.275 ng/ul
RT: 10.991 min Scan# 1752
Delta R.T. -0.010 min
Lab File: BM037679.D
Acq: 23 Nov 2022 14:43

Tgt Ion: 128 Resp: 13921
Ion Ratio Lower Upper
128 100
129 11.4 9.8 14.8
127 13.2 11.0 16.4

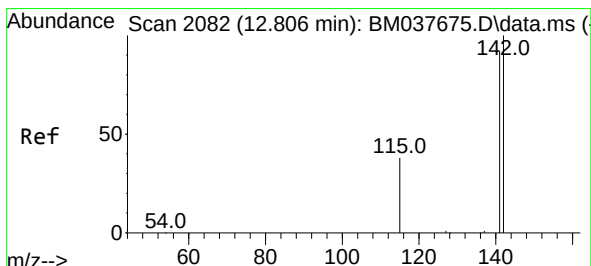
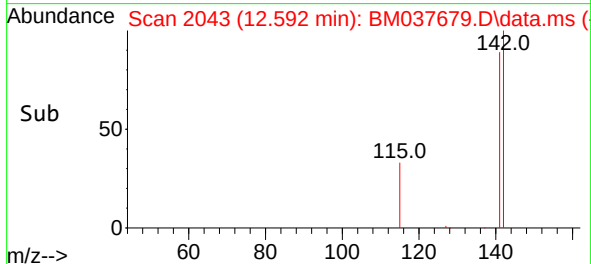
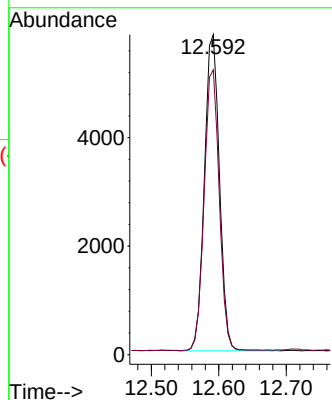
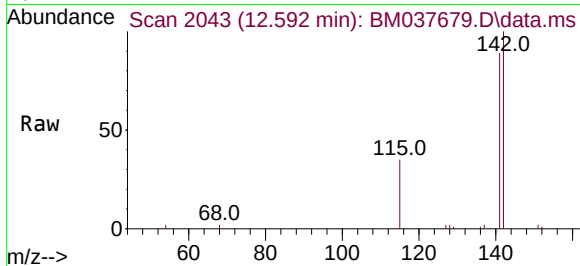




#7
2-Methylnaphthalene
Concen: 0.262 ng/ul
RT: 12.592 min Scan# 2043
Delta R.T. -0.004 min
Lab File: BM037679.D
Acq: 23 Nov 2022 14:43

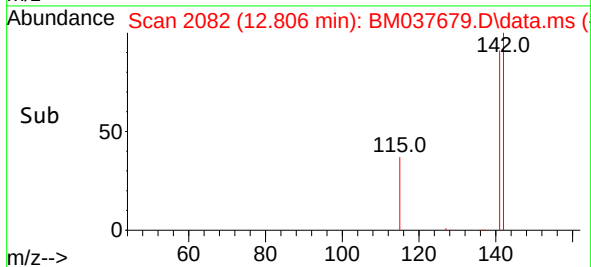
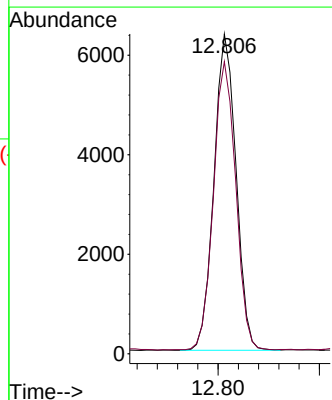
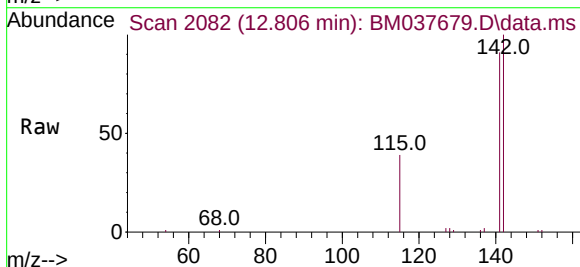
Instrument :
BNA_M
ClientSampleId :
SLCS056

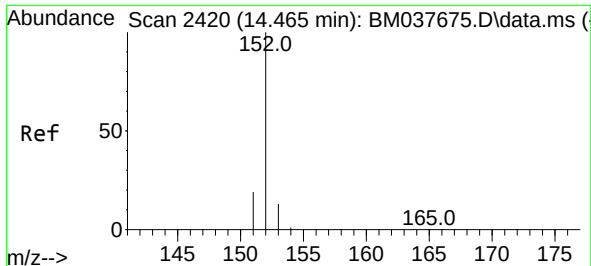
Tgt Ion:142 Resp: 9009
Ion Ratio Lower Upper
142 100
141 89.0 71.0 106.4



#8
1-Methylnaphthalene
Concen: 0.273 ng/ul
RT: 12.806 min Scan# 2082
Delta R.T. -0.004 min
Lab File: BM037679.D
Acq: 23 Nov 2022 14:43

Tgt Ion:142 Resp: 9630
Ion Ratio Lower Upper
142 100
141 92.1 73.4 110.0

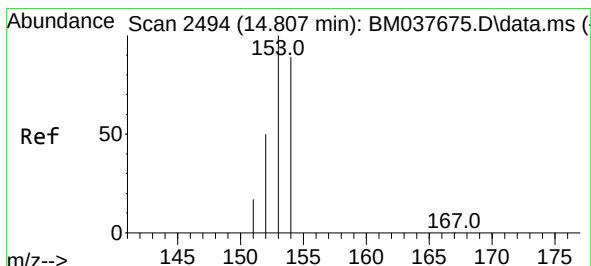
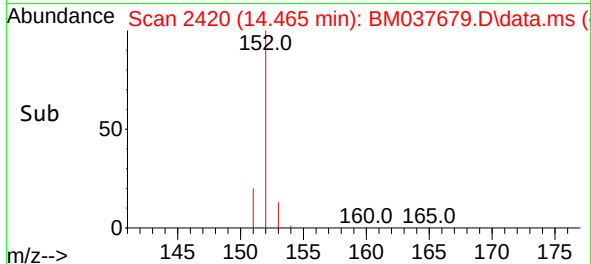
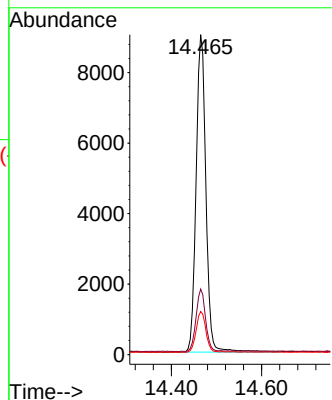
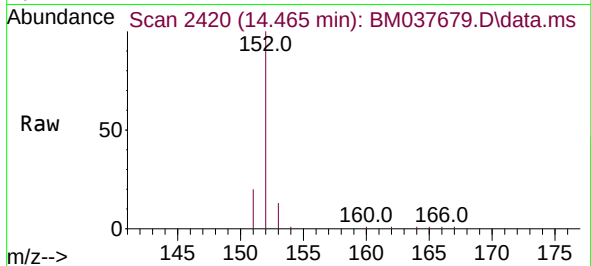




#10
Acenaphthylene
Concen: 0.249 ng/ul
RT: 14.465 min Scan# 2420
Delta R.T. -0.003 min
Lab File: BM037679.D
Acq: 23 Nov 2022 14:43

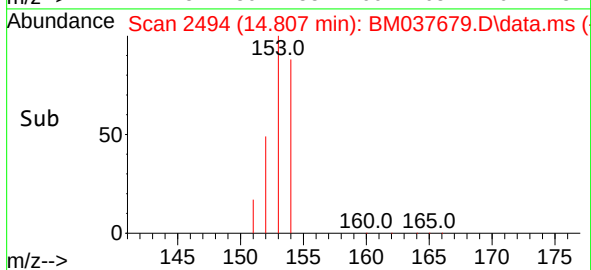
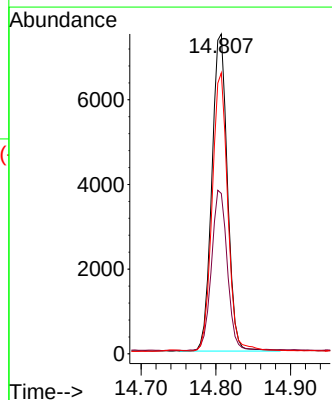
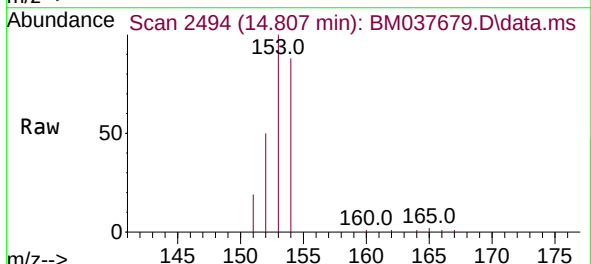
Instrument :
BNA_M
ClientSampleId :
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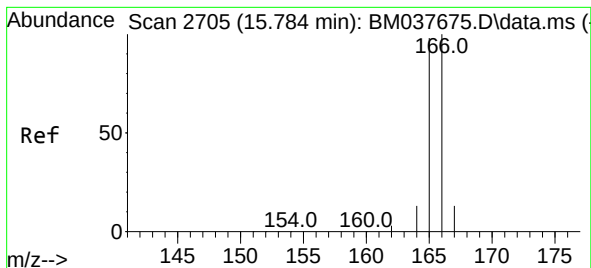
Tgt Ion:	152	Resp:	13561
Ion Ratio	Lower	Upper	
152	100		
151	20.5	15.9	23.9
153	13.5	11.0	16.4



#11
Acenaphthene
Concen: 0.284 ng/ul
RT: 14.807 min Scan# 2494
Delta R.T. -0.003 min
Lab File: BM037679.D
Acq: 23 Nov 2022 14:43

Tgt Ion:	153	Resp:	10834
Ion Ratio	Lower	Upper	
153	100		
152	50.1	39.4	59.0
154	87.9	69.5	104.3





#12

Fluorene

Concen: 0.277 ng/ul

RT: 15.784 min Scan# 21

Delta R.T. -0.003 min

Lab File: BM037679.D

Acq: 23 Nov 2022 14:43

Instrument :

BNA_M

ClientSampleId :

SLCS056

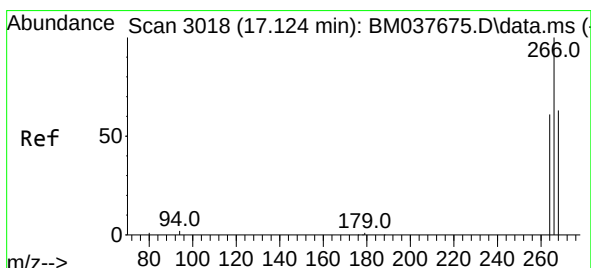
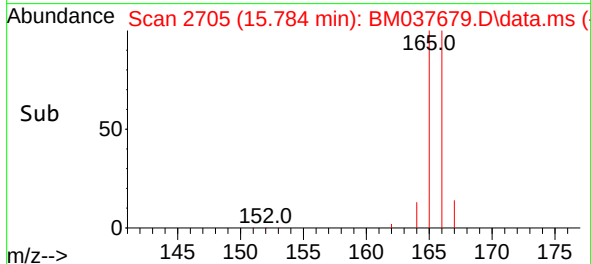
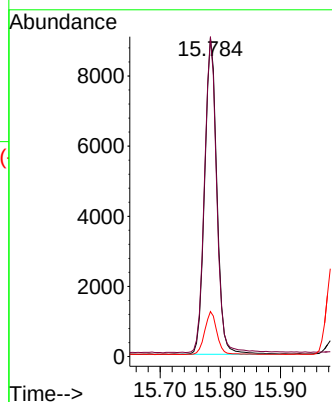
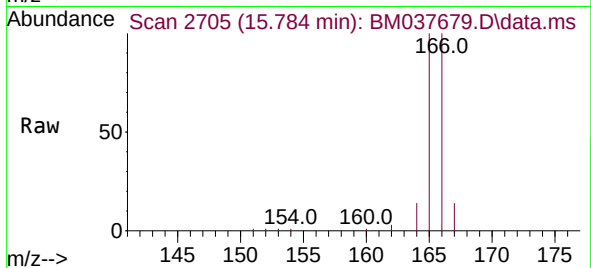
Tgt Ion:166 Resp: 12720

Ion Ratio Lower Upper

166 100

165 100.4 78.7 118.1

167 14.1 11.3 16.9



#14

Pentachlorophenol

Concen: 0.542 ng/ul

RT: 17.120 min Scan# 3017

Delta R.T. -0.007 min

Lab File: BM037679.D

Acq: 23 Nov 2022 14:43

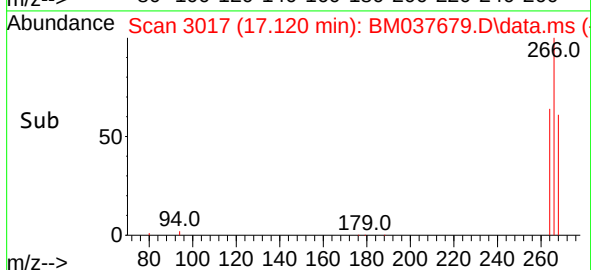
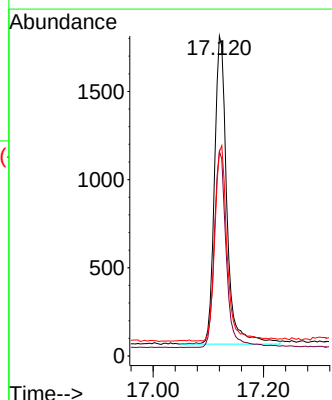
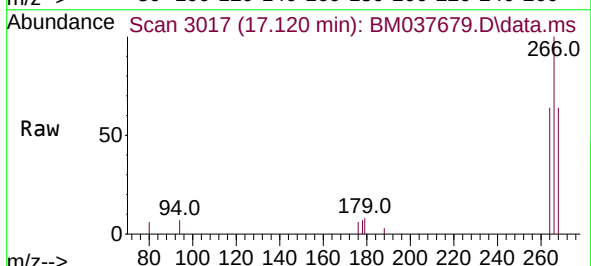
Tgt Ion:266 Resp: 2724

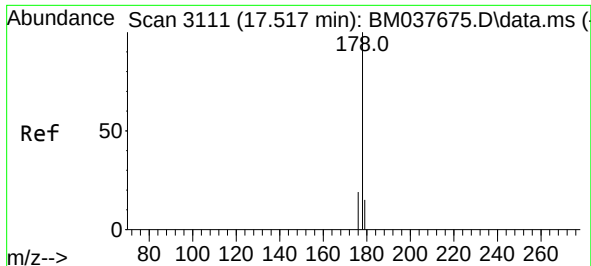
Ion Ratio Lower Upper

266 100

264 61.9 50.2 75.2

268 63.1 52.0 78.0

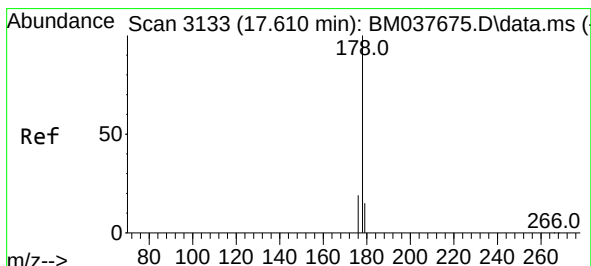
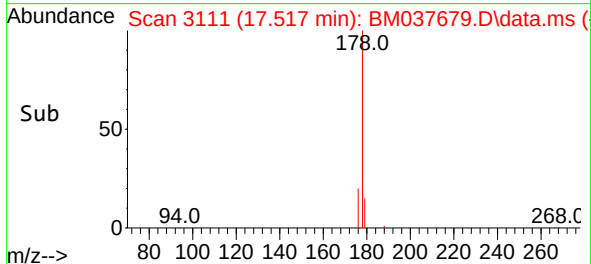
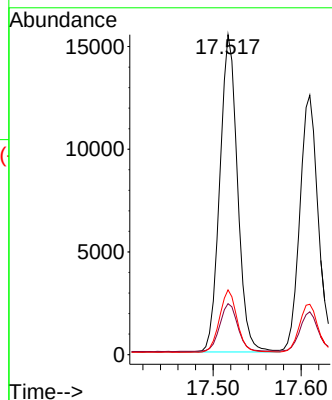
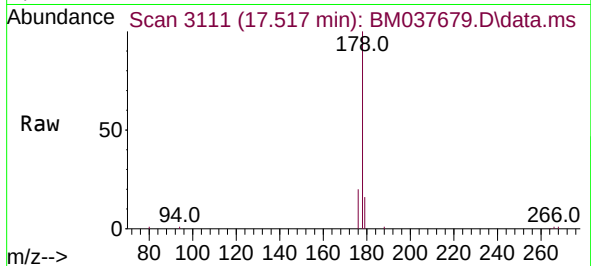




#15
Phenanthrene
Concen: 0.282 ng/ul
RT: 17.517 min Scan# 3111
Delta R.T. -0.007 min
Lab File: BM037679.D
Acq: 23 Nov 2022 14:43

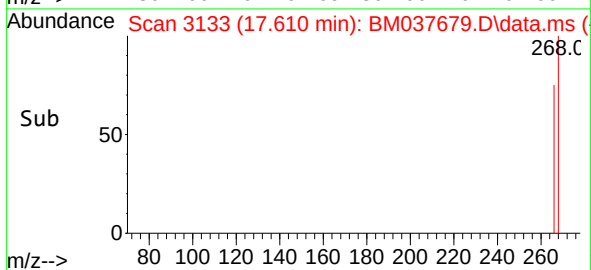
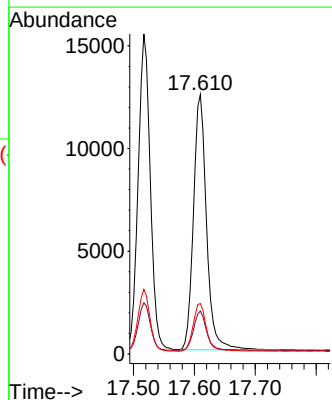
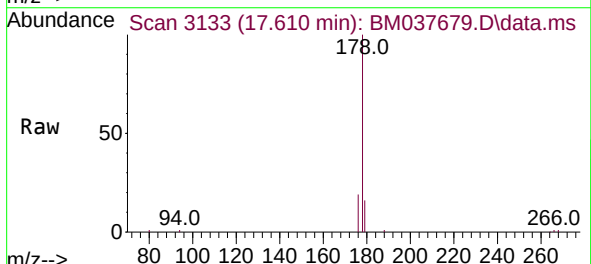
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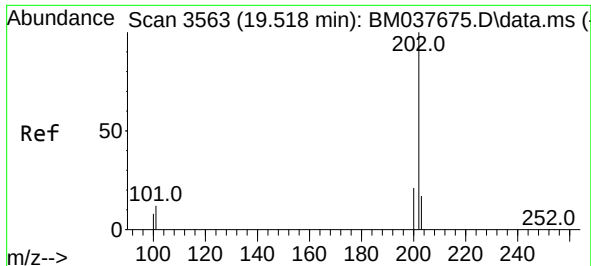
Tgt Ion:178 Resp: 21589
Ion Ratio Lower Upper
178 100
179 15.9 12.6 18.8
176 20.2 16.0 24.0



#16
Anthracene
Concen: 0.252 ng/ul
RT: 17.610 min Scan# 3133
Delta R.T. -0.003 min
Lab File: BM037679.D
Acq: 23 Nov 2022 14:43

Tgt Ion:178 Resp: 18590
Ion Ratio Lower Upper
178 100
179 16.5 12.8 19.2
176 19.4 15.0 22.6

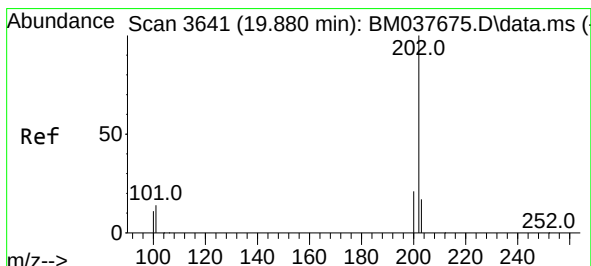
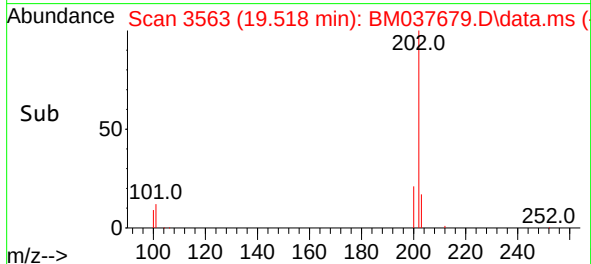
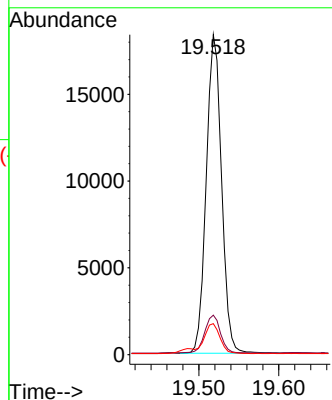
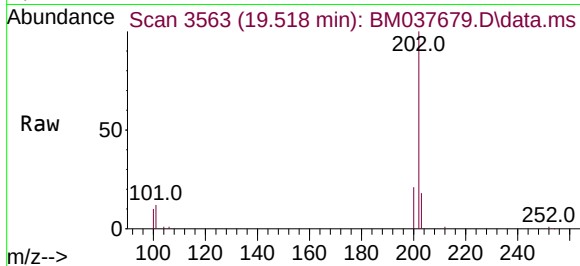




#19
Fluoranthene
Concen: 0.324 ng/ul
RT: 19.518 min Scan# 3563
Delta R.T. -0.003 min
Lab File: BM037679.D
Acq: 23 Nov 2022 14:43

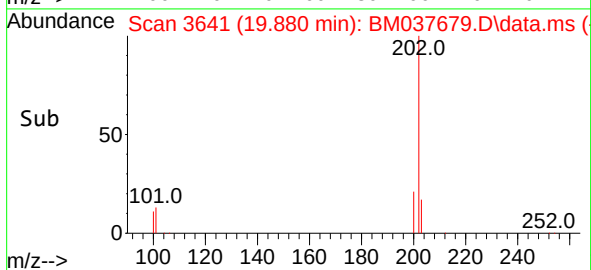
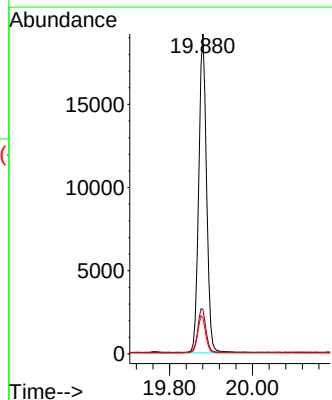
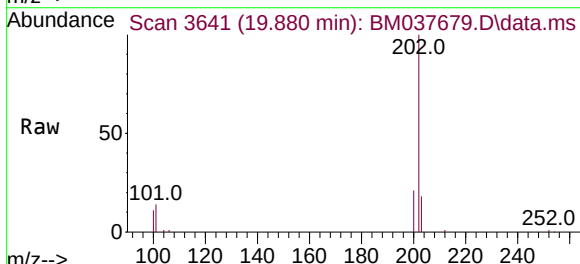
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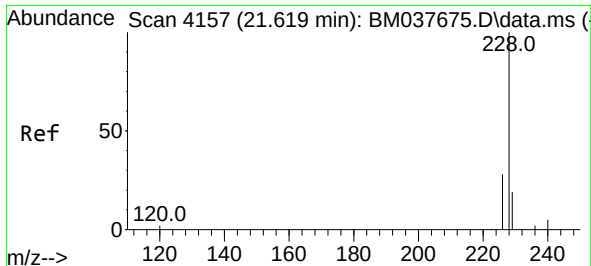
Tgt Ion:202 Resp: 24399
Ion Ratio Lower Upper
202 100
101 12.3 8.2 12.2#
100 9.7 6.1 9.1#



#20
Pyrene
Concen: 0.319 ng/ul
RT: 19.880 min Scan# 3641
Delta R.T. -0.003 min
Lab File: BM037679.D
Acq: 23 Nov 2022 14:43

Tgt Ion:202 Resp: 24974
Ion Ratio Lower Upper
202 100
101 13.9 10.1 15.1
100 11.3 8.0 12.0

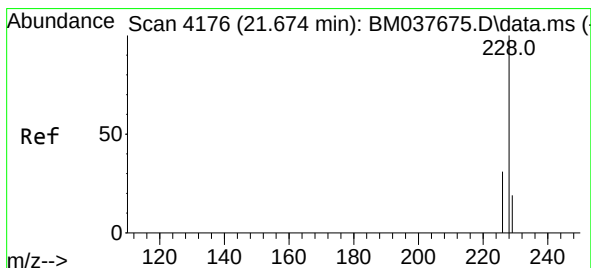
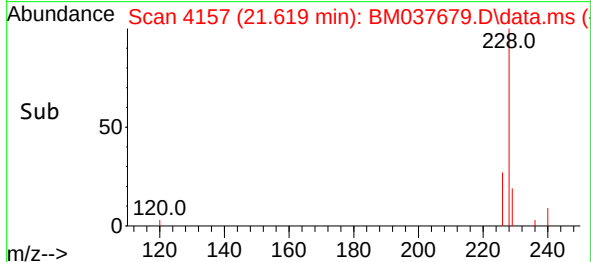
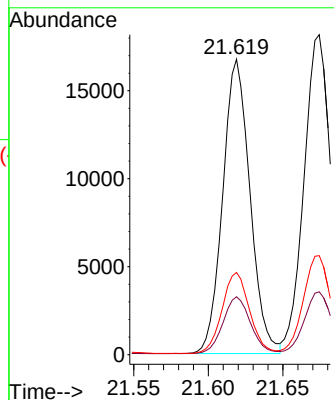
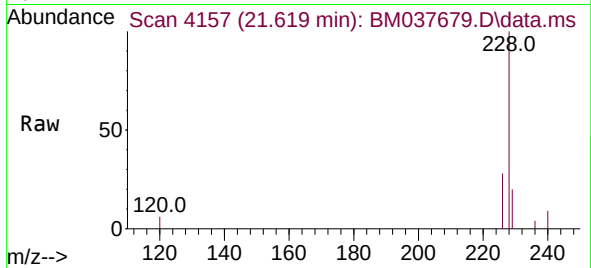




#21
Benzo(a)anthracene
Concen: 0.304 ng/ul
RT: 21.619 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BM037679.D
Acq: 23 Nov 2022 14:43

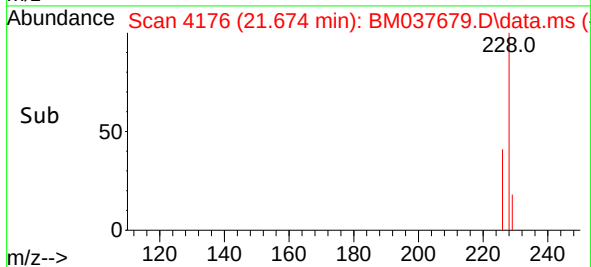
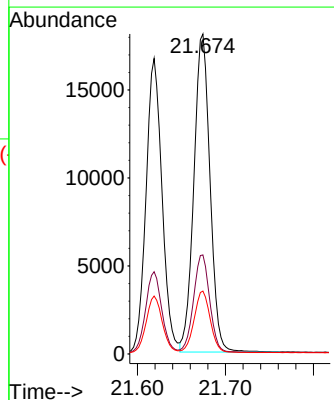
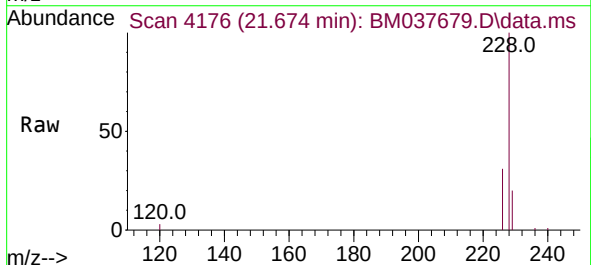
Instrument :
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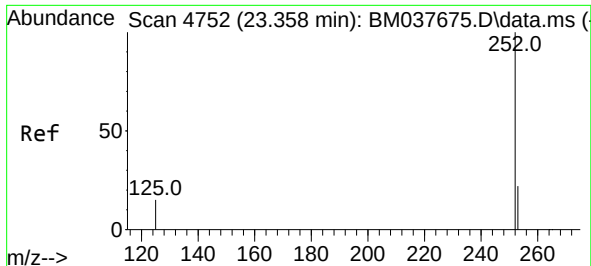
Tgt Ion:228 Resp: 21270
Ion Ratio Lower Upper
228 100
229 19.6 15.7 23.5
226 27.8 22.2 33.2



#22
Chrysene
Concen: 0.332 ng/ul
RT: 21.674 min Scan# 4176
Delta R.T. -0.000 min
Lab File: BM037679.D
Acq: 23 Nov 2022 14:43

Tgt Ion:228 Resp: 23021
Ion Ratio Lower Upper
228 100
226 30.9 24.6 37.0
229 19.6 15.5 23.3

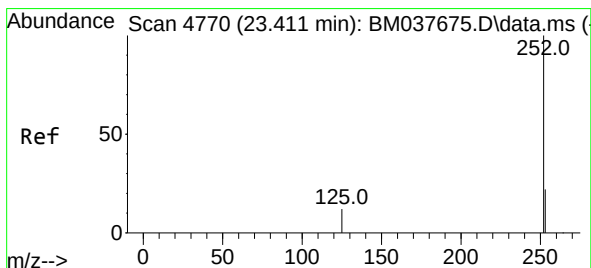
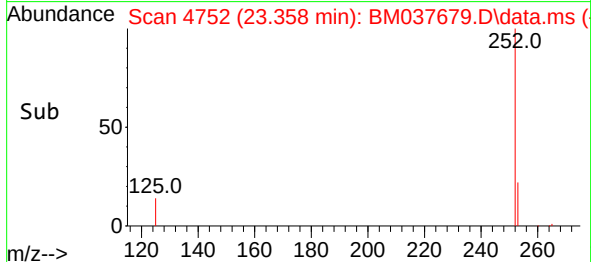
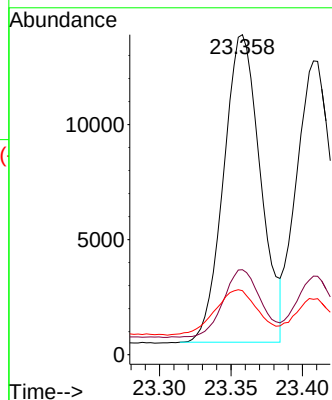
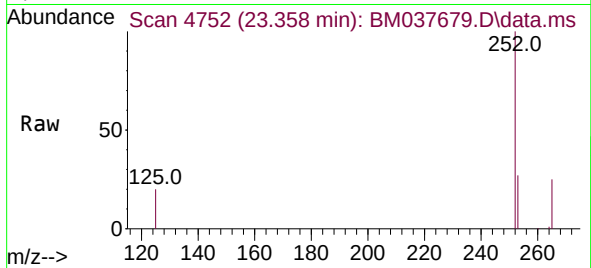




#24
Benzo(b)fluoranthene
Concen: 0.375 ng/ul
RT: 23.358 min Scan# 4752
Delta R.T. -0.003 min
Lab File: BM037679.D
Acq: 23 Nov 2022 14:43

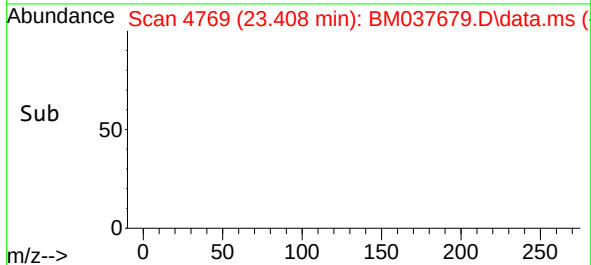
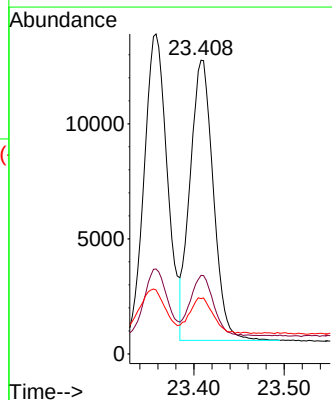
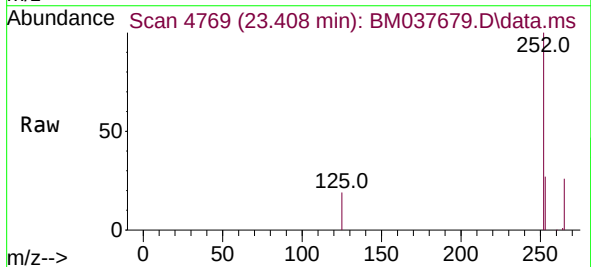
Instrument :
BNA_M
ClientSampleId :
SLCS056

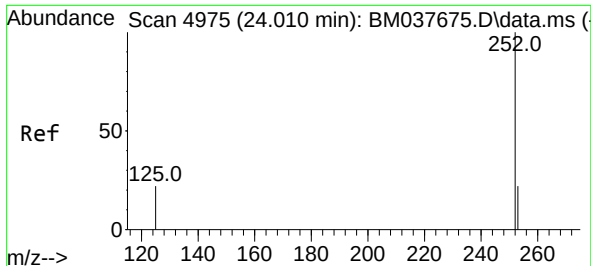
Tgt Ion:252 Resp: 24035
Ion Ratio Lower Upper
252 100
253 26.5 0.0 46.2
125 20.0 0.0 23.4



#25
Benzo(k)fluoranthene
Concen: 0.337 ng/ul
RT: 23.408 min Scan# 4769
Delta R.T. -0.003 min
Lab File: BM037679.D
Acq: 23 Nov 2022 14:43

Tgt Ion:252 Resp: 21759
Ion Ratio Lower Upper
252 100
253 26.7 18.8 28.2
125 18.8 9.8 14.6#

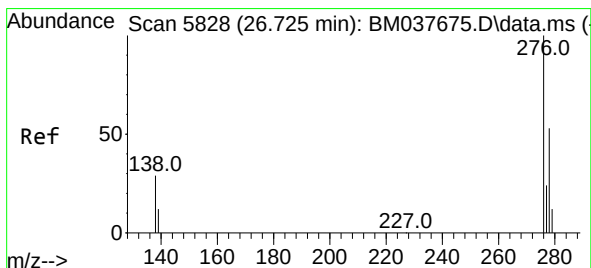
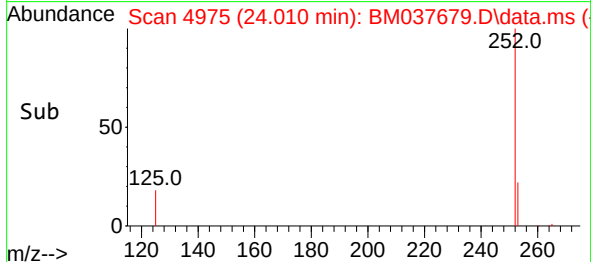
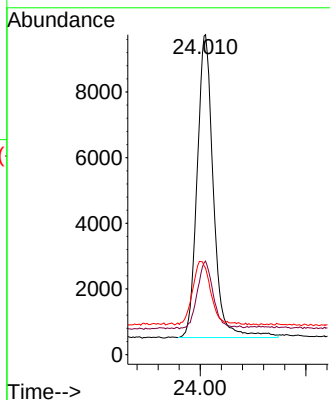
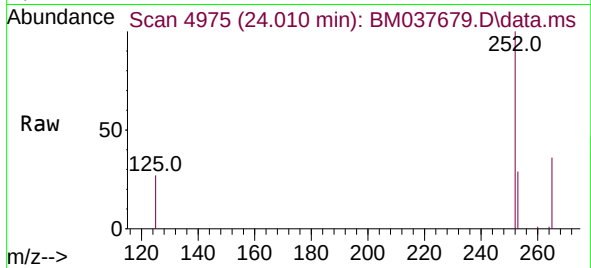




#26
Benzo(a)pyrene
Concen: 0.354 ng/ul
RT: 24.010 min Scan# 4975
Delta R.T. -0.003 min
Lab File: BM037679.D
Acq: 23 Nov 2022 14:43

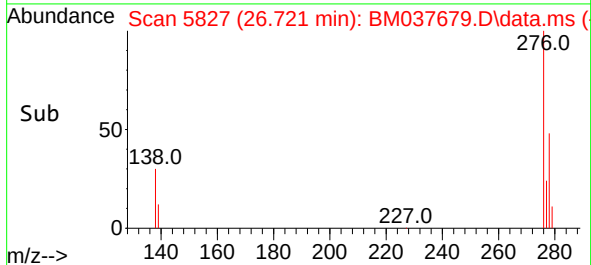
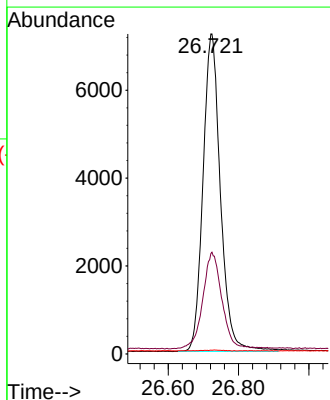
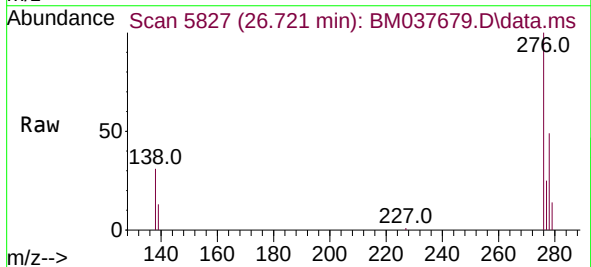
Instrument :
BNA_M
ClientSampleId :
SLCS056

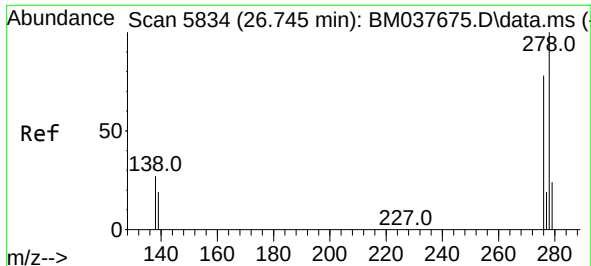
Tgt Ion:252 Resp: 19709
Ion Ratio Lower Upper
252 100
253 29.2 18.8 28.2#
125 27.0 10.5 15.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.338 ng/ul
RT: 26.721 min Scan# 5827
Delta R.T. -0.007 min
Lab File: BM037679.D
Acq: 23 Nov 2022 14:43

Tgt Ion:276 Resp: 24883
Ion Ratio Lower Upper
276 100
138 33.1 21.2 31.8#
227 0.2 0.1 0.1#

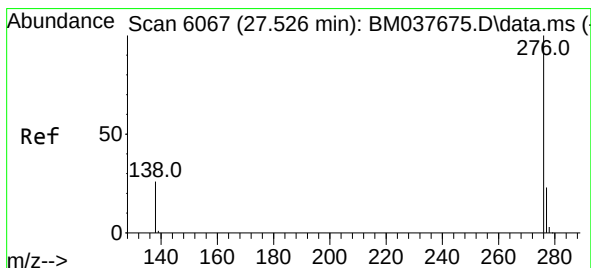
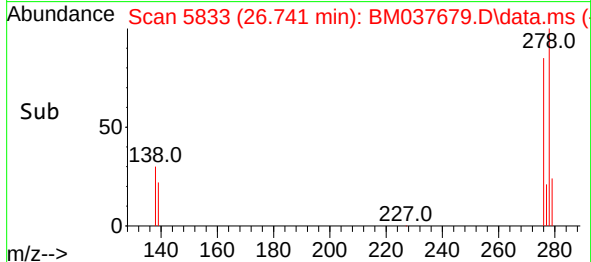
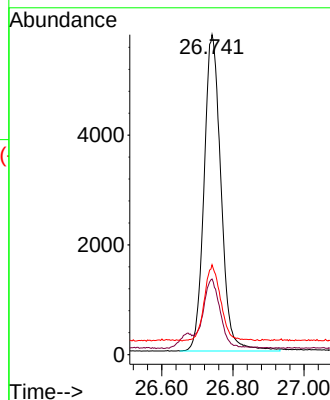
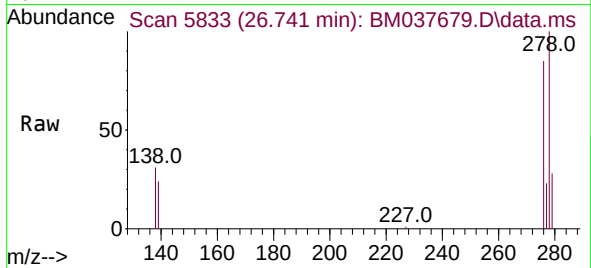




#28
Dibenzo(a,h)anthracene
Concen: 0.329 ng/ul
RT: 26.741 min Scan# 5834
Delta R.T. -0.007 min
Lab File: BM037679.D
Acq: 23 Nov 2022 14:43

Instrument :
BNA_M
ClientSampleId :
SLCS056

Tgt Ion:278 Resp: 19056
Ion Ratio Lower Upper
278 100
139 23.6 15.2 22.8#
279 28.1 20.2 30.2



#29
Benzo(g,h,i)perylene
Concen: 0.329 ng/ul
RT: 27.526 min Scan# 6067
Delta R.T. -0.007 min
Lab File: BM037679.D
Acq: 23 Nov 2022 14:43

Tgt Ion:276 Resp: 20568
Ion Ratio Lower Upper
276 100
138 30.4 19.0 28.4#
277 25.3 19.4 29.2

