

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112122\
 Data File : BM037625.D
 Acq On : 22 Nov 2022 00:11
 Operator : CG/JU
 Sample : PB149135BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS135

Quant Time: Nov 22 01:37:13 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)

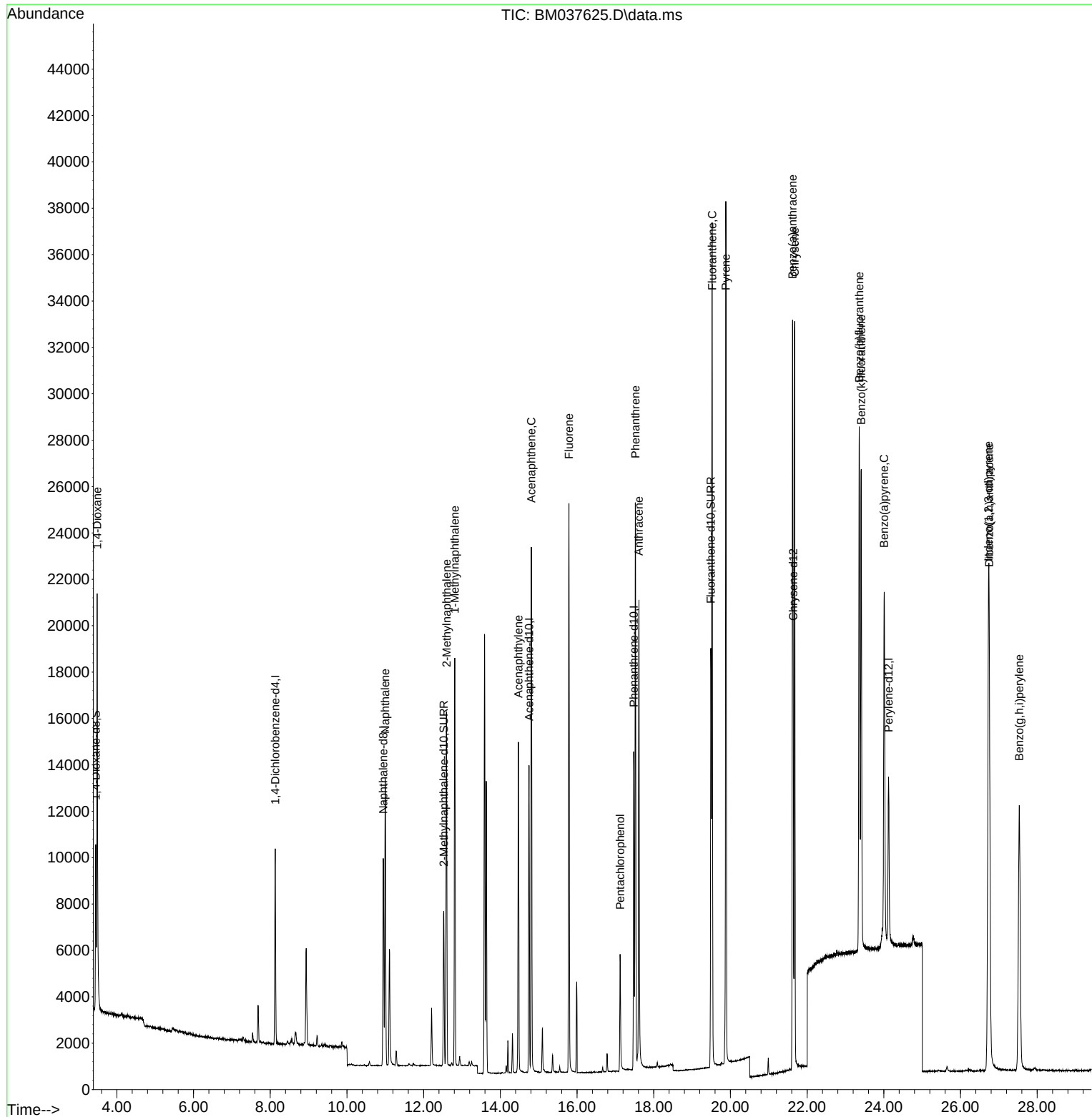
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.129	152	4185	0.400	ng/ul	0.00
4) Naphthalene-d8	10.948	136	11648	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.747	164	6856	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.479	188	15518	0.400	ng/ul	0.00
17) Chrysene-d12	21.636	240	11402	0.400	ng/ul	# 0.00
23) Perylene-d12	24.124	264	10381	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.450	96	4489	0.923	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.526	152	8363	0.433	ng/ul	0.00
18) Fluoranthene-d10	19.490	212	18368	0.487	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.488	88	12070	2.383	ng/ul#	50
5) Naphthalene	10.997	128	16620	0.470	ng/ul	98
7) 2-Methylnaphthalene	12.597	142	10659	0.443	ng/ul	100
8) 1-Methylnaphthalene	12.812	142	11409	0.463	ng/ul	99
10) Acenaphthylene	14.470	152	15978	0.420	ng/ul	100
11) Acenaphthene	14.807	153	12835	0.483	ng/ul	98
12) Fluorene	15.788	166	15075	0.471	ng/ul	100
14) Pentachlorophenol	17.124	266	3490	1.002	ng/ul	100
15) Phenanthrene	17.521	178	25794	0.486	ng/ul	99
16) Anthracene	17.614	178	22498	0.440	ng/ul	99
19) Fluoranthene	19.523	202	30030	0.546	ng/ul	97
20) Pyrene	19.881	202	30752	0.538	ng/ul	97
21) Benzo(a)anthracene	21.619	228	26550	0.521	ng/ul	99
22) Chrysene	21.674	228	28484	0.563	ng/ul	99
24) Benzo(b)fluoranthene	23.358	252	29752	0.628	ng/ul	92
25) Benzo(k)fluoranthene	23.411	252	28227	0.591	ng/ul#	93
26) Benzo(a)pyrene	24.010	252	24605	0.598	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.728	276	30625	0.562	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.748	278	23834	0.556	ng/ul	95
29) Benzo(g,h,i)perylene	27.533	276	25594	0.553	ng/ul	96

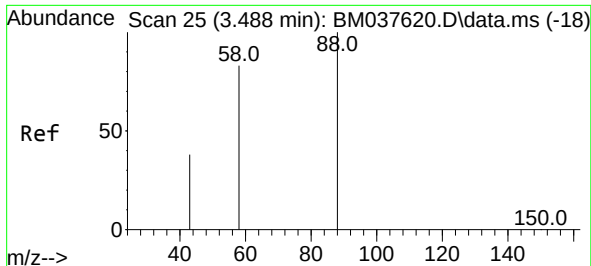
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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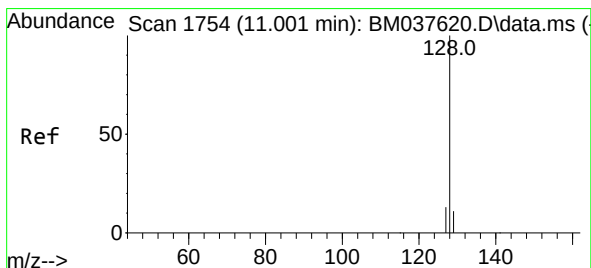
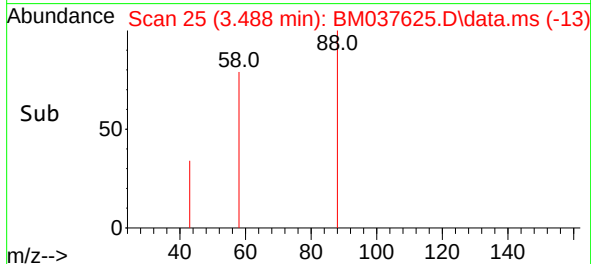
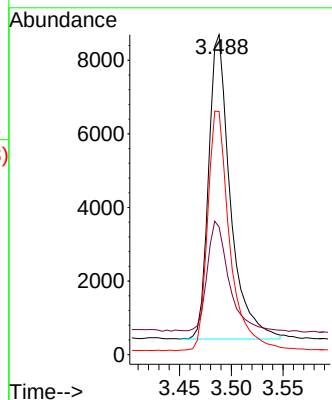
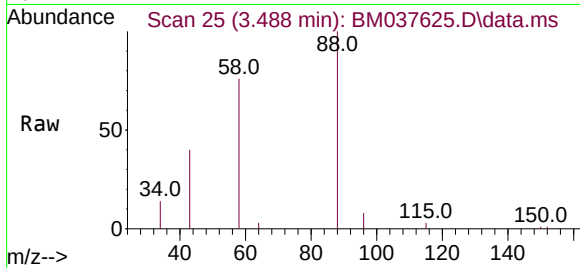




#2
 1,4-Dioxane
 Concen: 2.383 ng/ul
 RT: 3.488 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM037625.D
 Acq: 22 Nov 2022 00:11

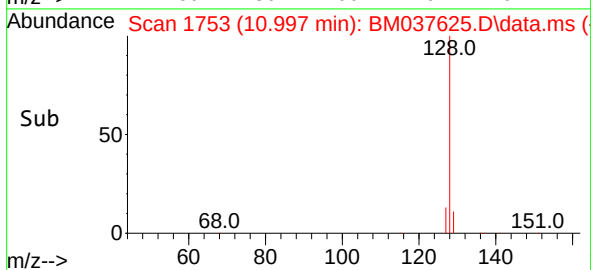
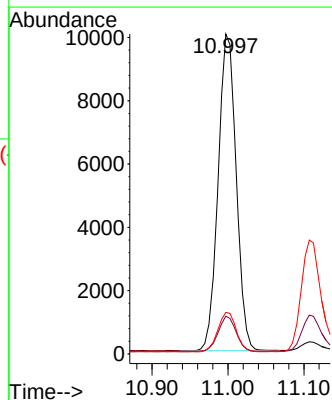
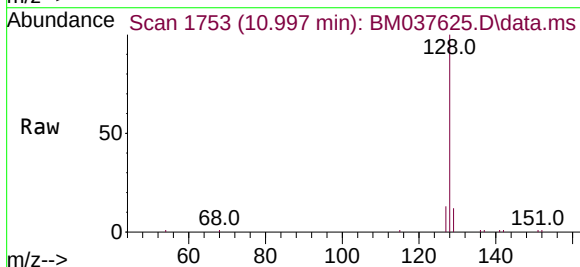
Instrument :
 BNA_M
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 SLCS135

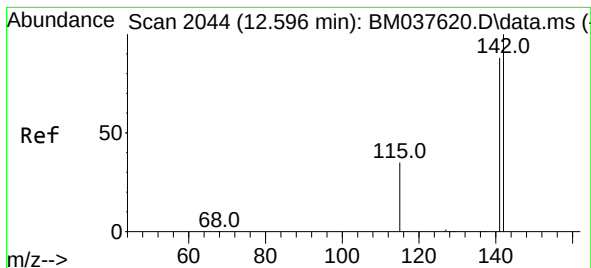
Tgt Ion: 88 Resp: 12070
 Ion Ratio Lower Upper
 88 100
 43 39.9 102.8 154.2#
 58 76.0 67.3 100.9



#5
 Naphthalene
 Concen: 0.470 ng/ul
 RT: 10.997 min Scan# 1753
 Delta R.T. -0.004 min
 Lab File: BM037625.D
 Acq: 22 Nov 2022 00:11

Tgt Ion: 128 Resp: 16620
 Ion Ratio Lower Upper
 128 100
 129 11.8 9.8 14.8
 127 13.0 11.0 16.4

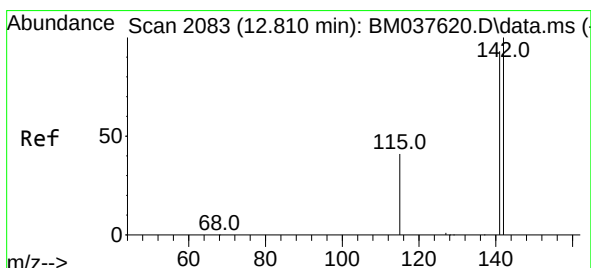
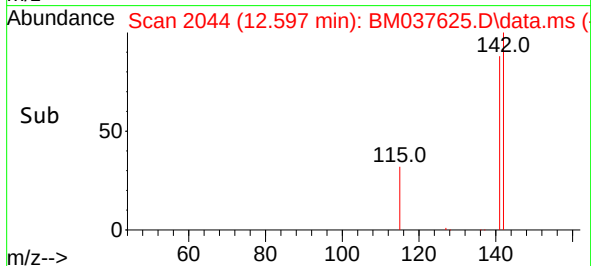
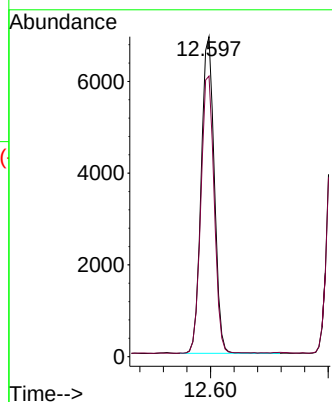
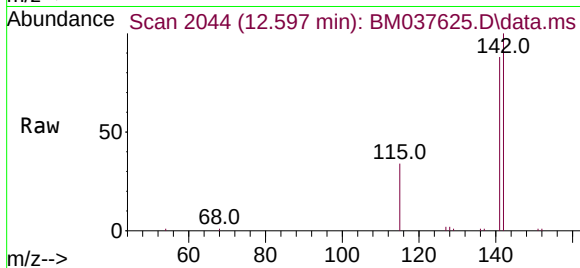




#7
2-Methylnaphthalene
Concen: 0.443 ng/ul
RT: 12.597 min Scan# 2044
Delta R.T. 0.001 min
Lab File: BM037625.D
Acq: 22 Nov 2022 00:11

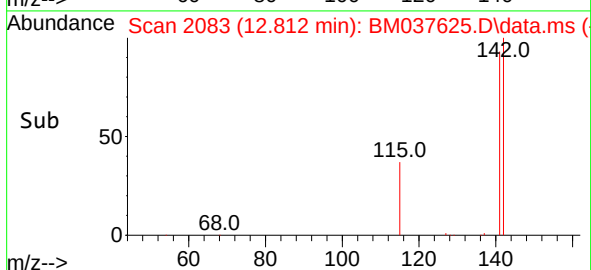
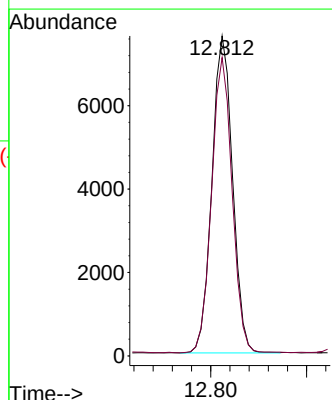
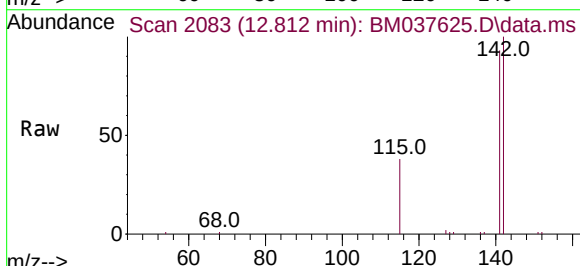
Instrument :
BNA_M
ClientSampleId :
SLCS135

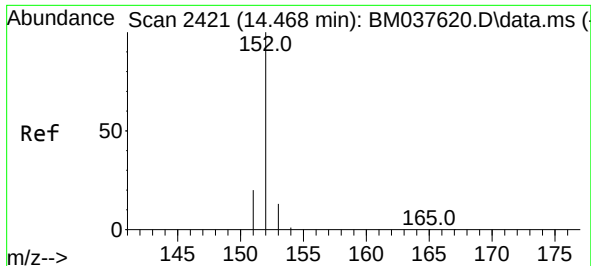
Tgt Ion:142 Resp: 10659
Ion Ratio Lower Upper
142 100
141 88.8 71.0 106.4



#8
1-Methylnaphthalene
Concen: 0.463 ng/ul
RT: 12.812 min Scan# 2083
Delta R.T. 0.001 min
Lab File: BM037625.D
Acq: 22 Nov 2022 00:11

Tgt Ion:142 Resp: 11409
Ion Ratio Lower Upper
142 100
141 92.6 73.4 110.0

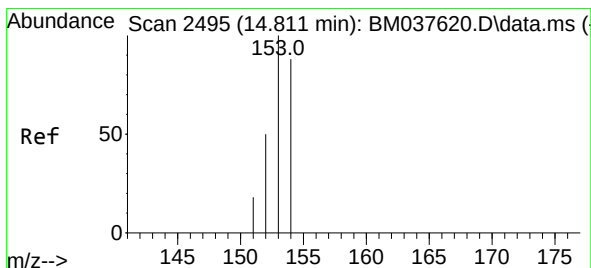
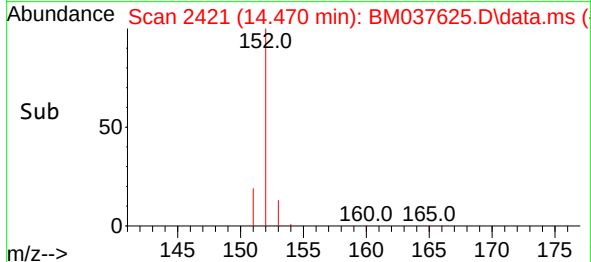
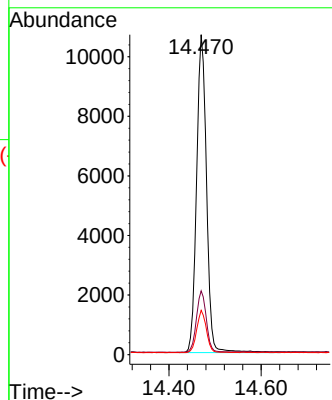
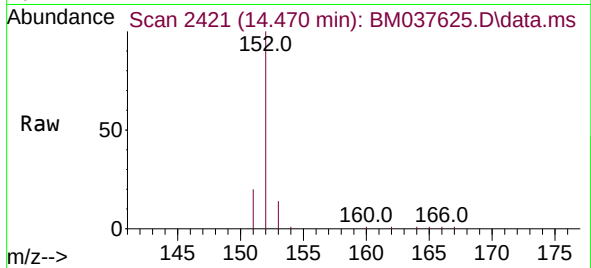




#10
Acenaphthylene
Concen: 0.420 ng/ul
RT: 14.470 min Scan# 2421
Delta R.T. 0.002 min
Lab File: BM037625.D
Acq: 22 Nov 2022 00:11

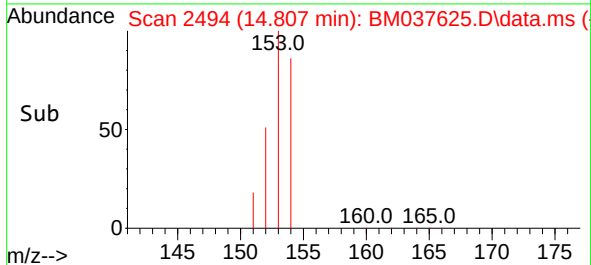
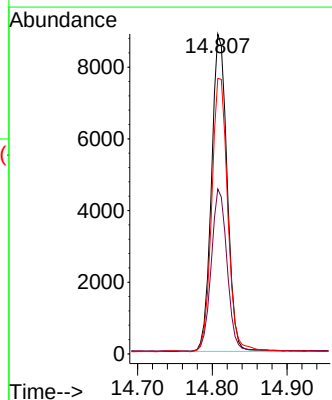
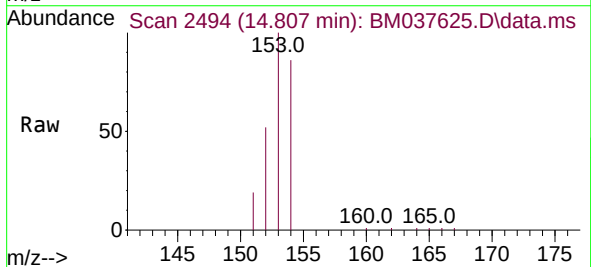
Instrument :
BNA_M
ClientSampleId :
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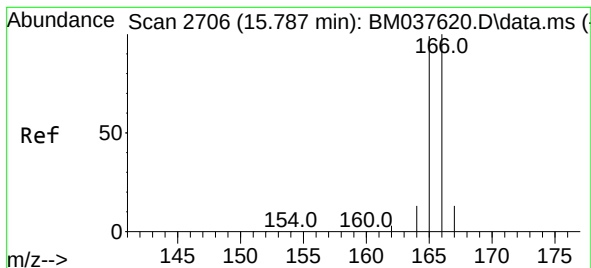
Tgt Ion:152 Resp: 15978
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.8 11.0 16.4



#11
Acenaphthene
Concen: 0.483 ng/ul
RT: 14.807 min Scan# 2494
Delta R.T. -0.003 min
Lab File: BM037625.D
Acq: 22 Nov 2022 00:11

Tgt Ion:153 Resp: 12835
Ion Ratio Lower Upper
153 100
152 51.5 39.4 59.0
154 86.1 69.5 104.3





#12

Fluorene

Concen: 0.471 ng/ul

RT: 15.788 min Scan# 21

Delta R.T. 0.001 min

Lab File: BM037625.D

Acq: 22 Nov 2022 00:11

Instrument :

BNA_M

ClientSampleId :

SLCS135

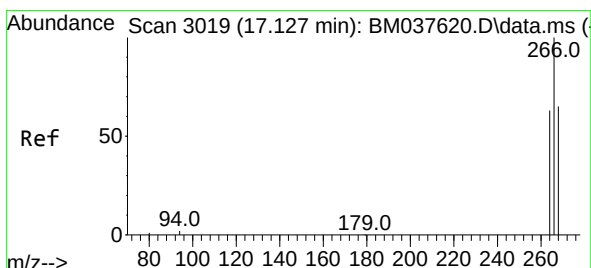
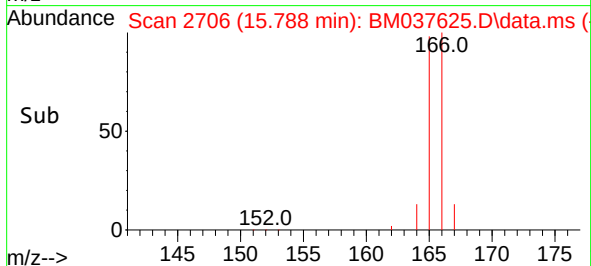
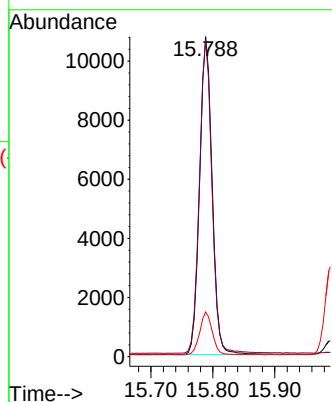
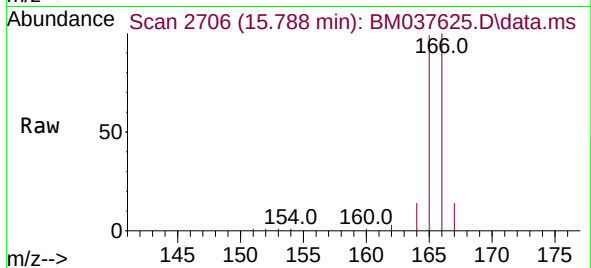
Tgt Ion:166 Resp: 15075

Ion Ratio Lower Upper

166 100

165 98.8 78.7 118.1

167 13.9 11.3 16.9



#14

Pentachlorophenol

Concen: 1.002 ng/ul

RT: 17.124 min Scan# 3018

Delta R.T. -0.003 min

Lab File: BM037625.D

Acq: 22 Nov 2022 00:11

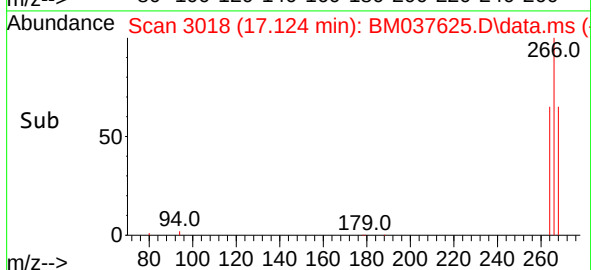
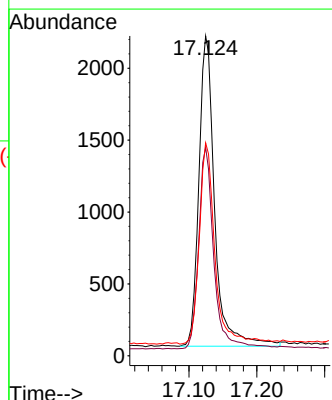
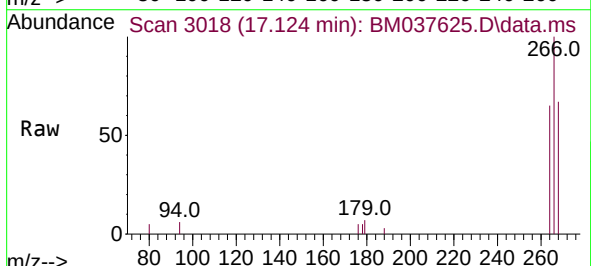
Tgt Ion:266 Resp: 3490

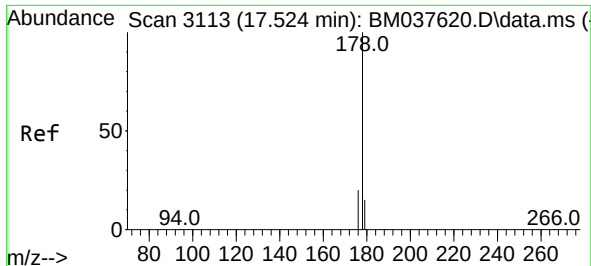
Ion Ratio Lower Upper

266 100

264 62.8 50.2 75.2

268 64.7 52.0 78.0

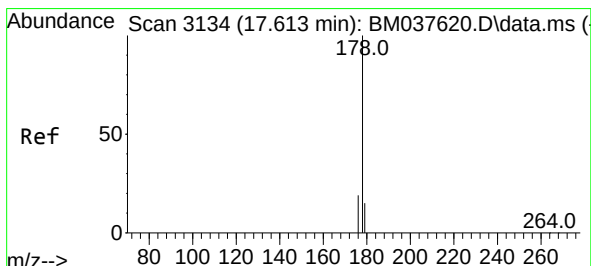
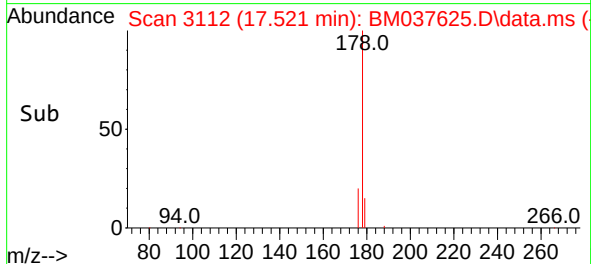
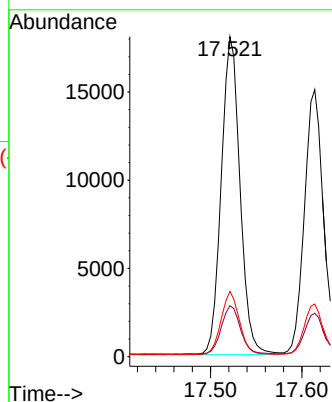
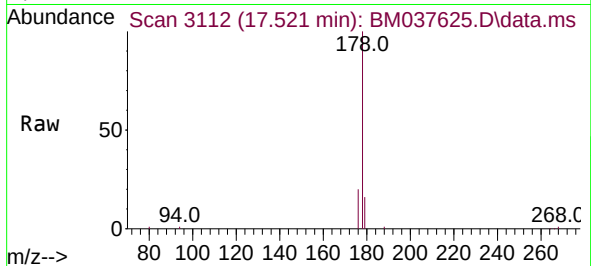




#15
Phenanthrene
Concen: 0.486 ng/ul
RT: 17.521 min Scan# 3113
Delta R.T. -0.003 min
Lab File: BM037625.D
Acq: 22 Nov 2022 00:11

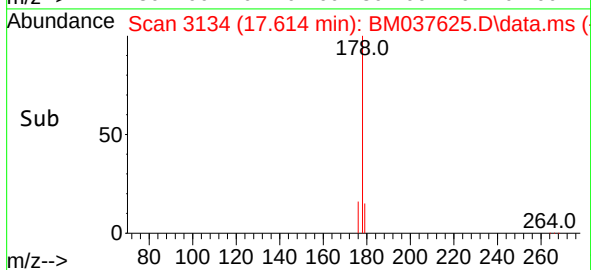
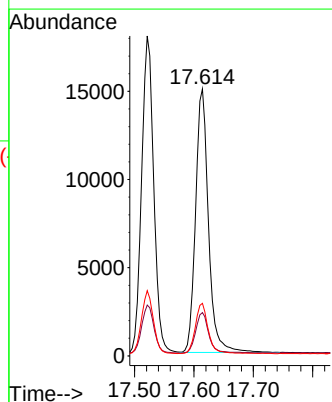
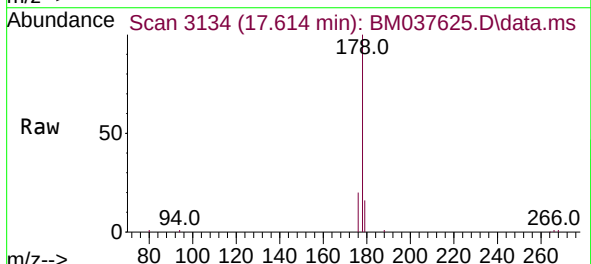
Instrument :
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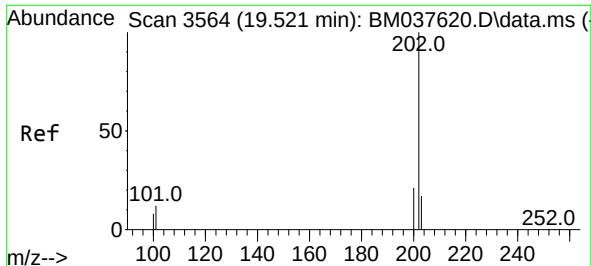
Tgt Ion:178 Resp: 25794
Ion Ratio Lower Upper
178 100
179 15.9 12.6 18.8
176 20.4 16.0 24.0



#16
Anthracene
Concen: 0.440 ng/ul
RT: 17.614 min Scan# 3134
Delta R.T. 0.001 min
Lab File: BM037625.D
Acq: 22 Nov 2022 00:11

Tgt Ion:178 Resp: 22498
Ion Ratio Lower Upper
178 100
179 16.2 12.8 19.2
176 19.7 15.0 22.6

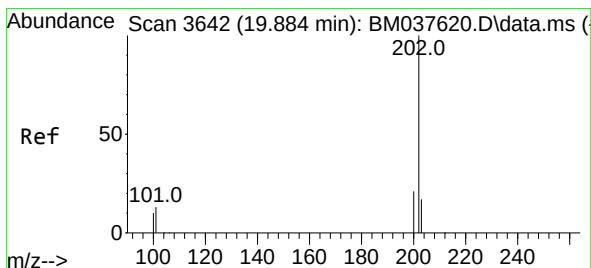
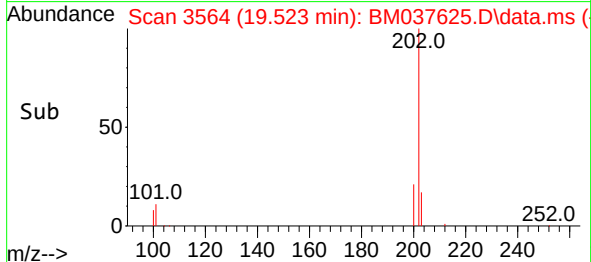
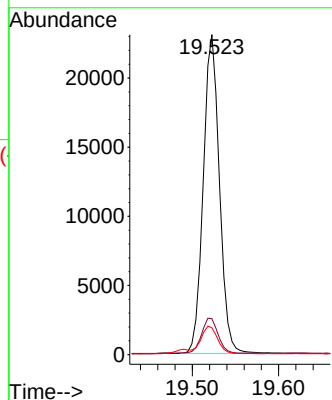
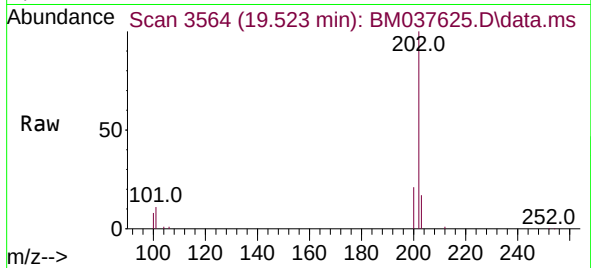




#19
Fluoranthene
Concen: 0.546 ng/ul
RT: 19.523 min Scan# 3564
Delta R.T. 0.002 min
Lab File: BM037625.D
Acq: 22 Nov 2022 00:11

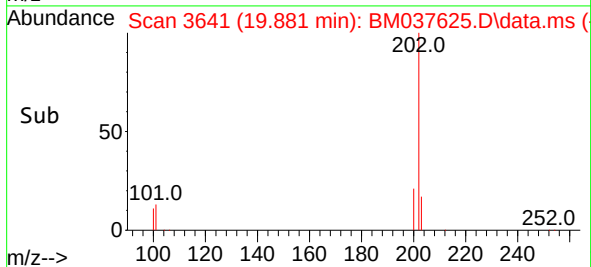
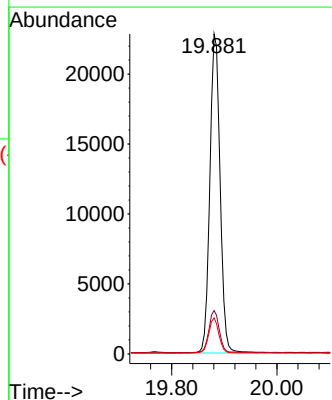
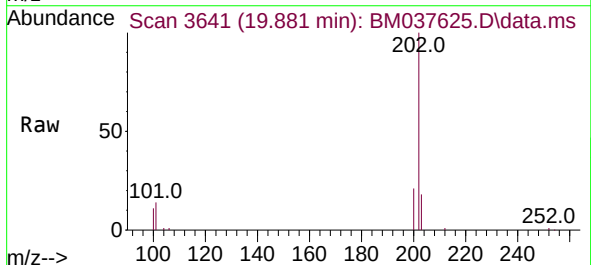
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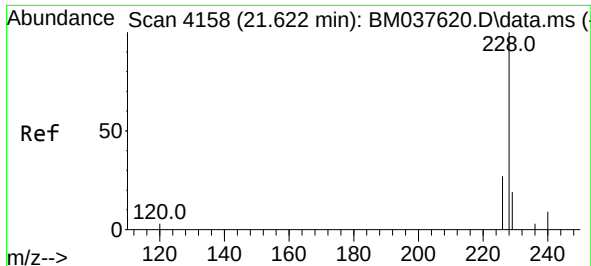
Tgt Ion:202 Resp: 30030
Ion Ratio Lower Upper
202 100
101 11.2 8.2 12.2
100 8.4 6.1 9.1



#20
Pyrene
Concen: 0.538 ng/ul
RT: 19.881 min Scan# 3641
Delta R.T. -0.003 min
Lab File: BM037625.D
Acq: 22 Nov 2022 00:11

Tgt Ion:202 Resp: 30752
Ion Ratio Lower Upper
202 100
101 13.5 10.1 15.1
100 11.2 8.0 12.0

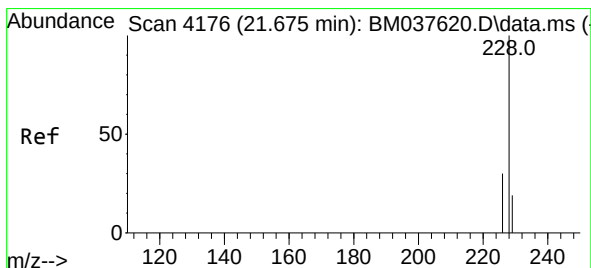
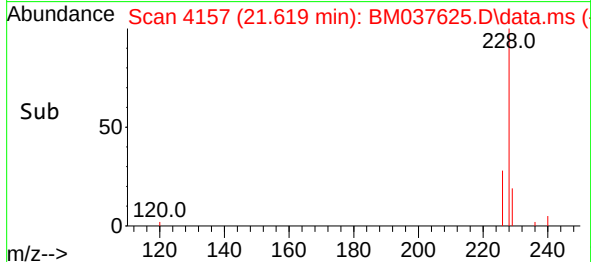
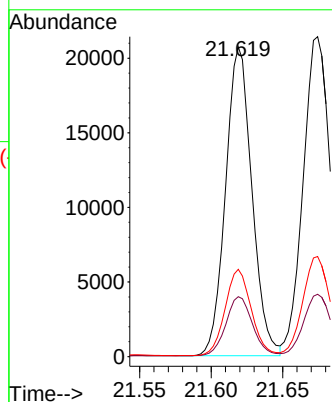
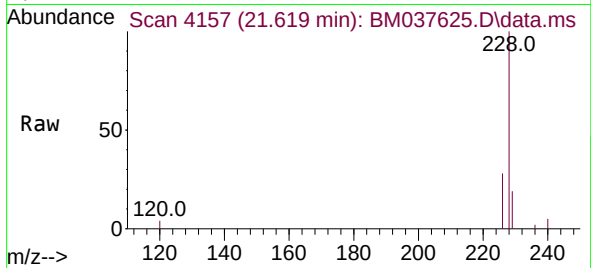




#21
Benzo(a)anthracene
Concen: 0.521 ng/ul
RT: 21.619 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BM037625.D
Acq: 22 Nov 2022 00:11

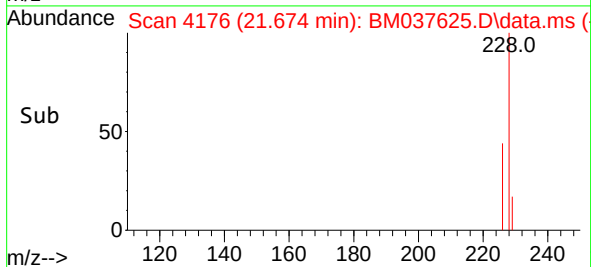
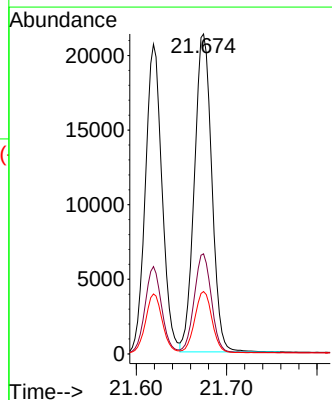
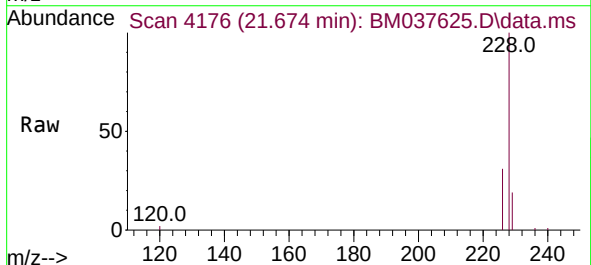
Instrument :
BNA_M
ClientSampleId :
SLCS135

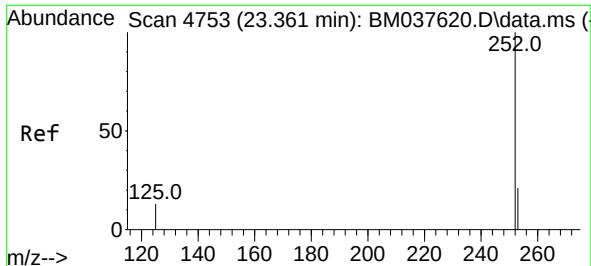
Tgt Ion:228 Resp: 26550
Ion Ratio Lower Upper
228 100
229 19.4 15.7 23.5
226 28.2 22.2 33.2



#22
Chrysene
Concen: 0.563 ng/ul
RT: 21.674 min Scan# 4176
Delta R.T. -0.000 min
Lab File: BM037625.D
Acq: 22 Nov 2022 00:11

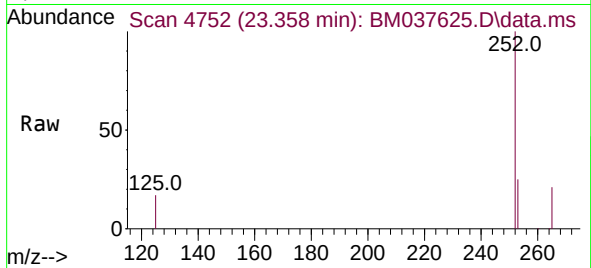
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Ion Ratio Lower Upper
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226 31.3 24.6 37.0
229 19.5 15.5 23.3



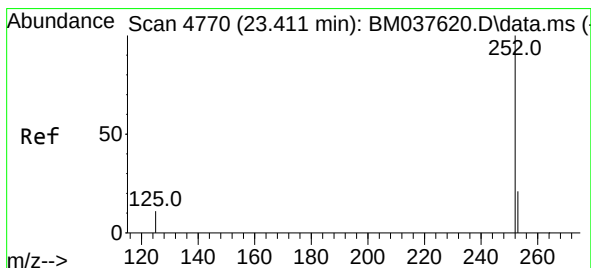
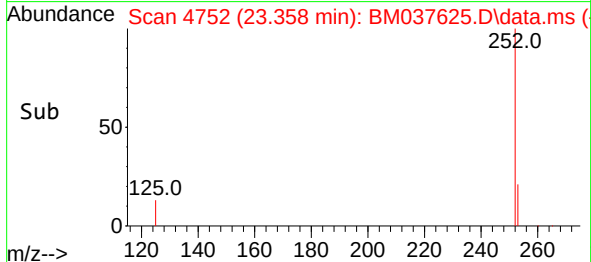
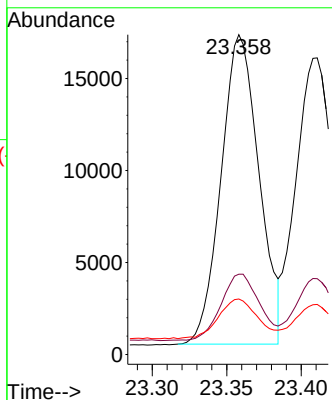


#24
Benzo(b)fluoranthene
Concen: 0.628 ng/ul
RT: 23.358 min Scan# 4752
Delta R.T. -0.003 min
Lab File: BM037625.D
Acq: 22 Nov 2022 00:11

Instrument :
BNA_M
ClientSampleId :
SLCS135

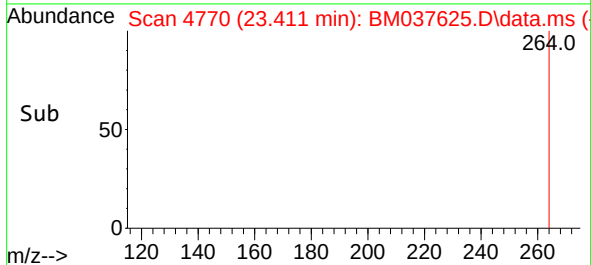
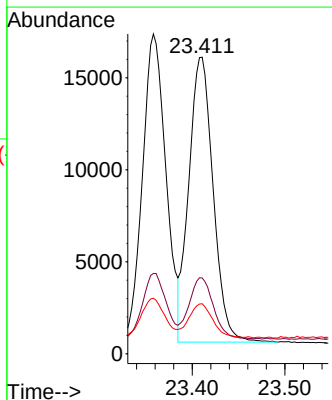
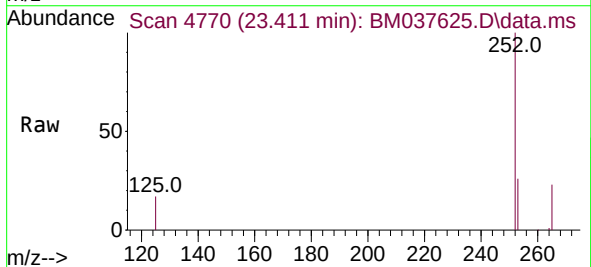


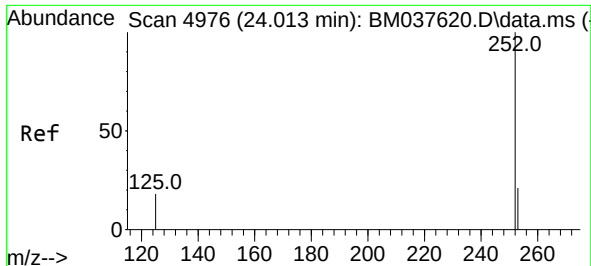
Tgt Ion:252 Resp: 29752
Ion Ratio Lower Upper
252 100
253 25.1 0.0 46.2
125 17.4 0.0 23.4



#25
Benzo(k)fluoranthene
Concen: 0.591 ng/ul
RT: 23.411 min Scan# 4770
Delta R.T. -0.000 min
Lab File: BM037625.D
Acq: 22 Nov 2022 00:11

Tgt Ion:252 Resp: 28227
Ion Ratio Lower Upper
252 100
253 25.6 18.8 28.2
125 16.9 9.8 14.6#

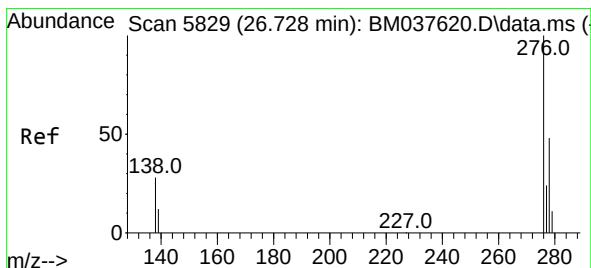
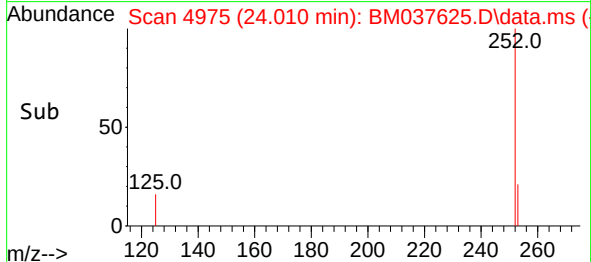
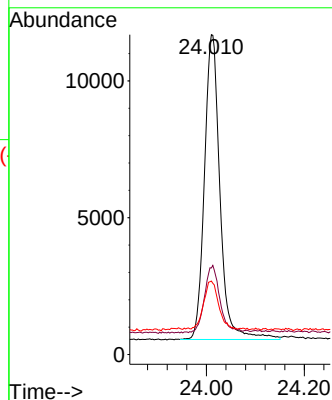
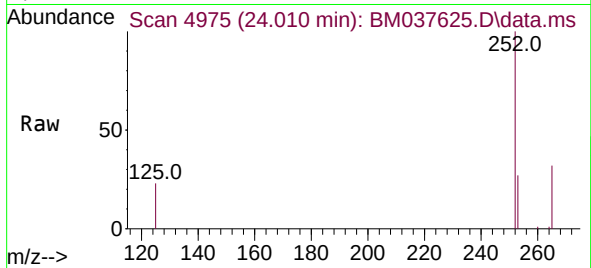




#26
Benzo(a)pyrene
Concen: 0.598 ng/ul
RT: 24.010 min Scan# 4976
Delta R.T. -0.003 min
Lab File: BM037625.D
Acq: 22 Nov 2022 00:11

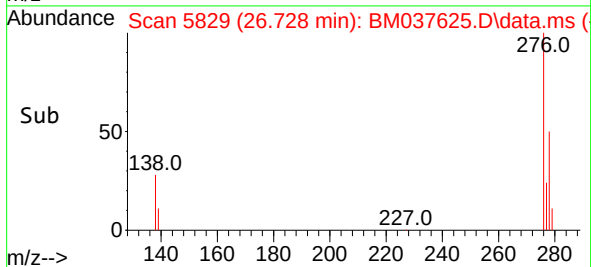
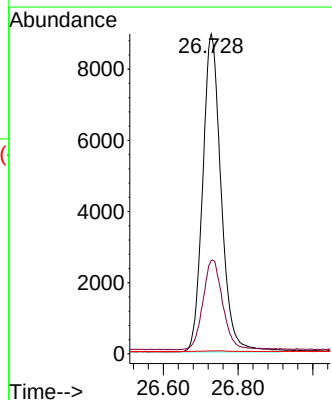
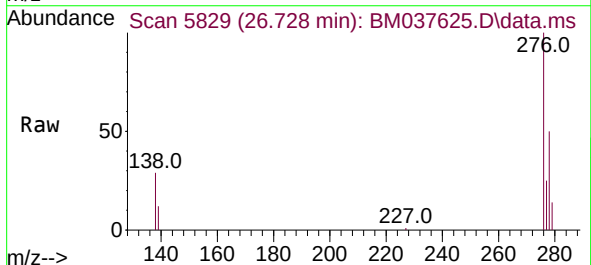
Instrument :
BNA_M
ClientSampleId :
SLCS135

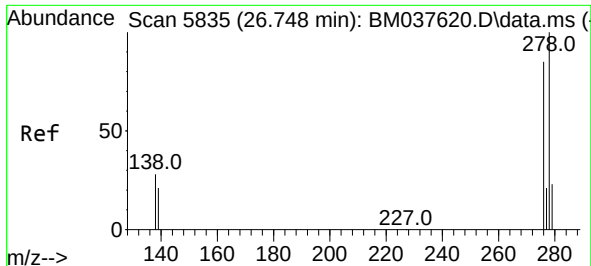
Tgt Ion:252 Resp: 24605
Ion Ratio Lower Upper
252 100
253 27.1 18.8 28.2
125 23.0 10.5 15.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.562 ng/ul
RT: 26.728 min Scan# 5829
Delta R.T. -0.000 min
Lab File: BM037625.D
Acq: 22 Nov 2022 00:11

Tgt Ion:276 Resp: 30625
Ion Ratio Lower Upper
276 100
138 30.6 21.2 31.8
227 0.0 0.1 0.1#

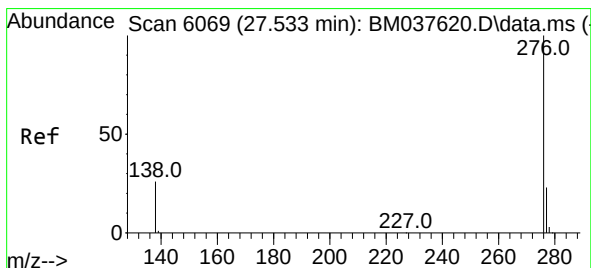
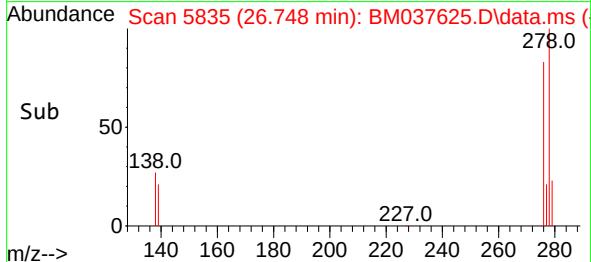
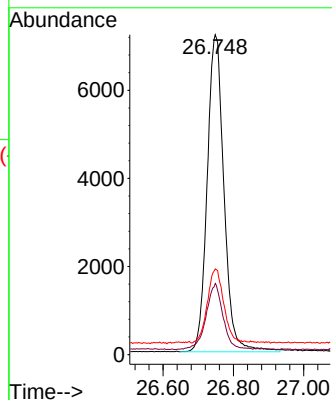
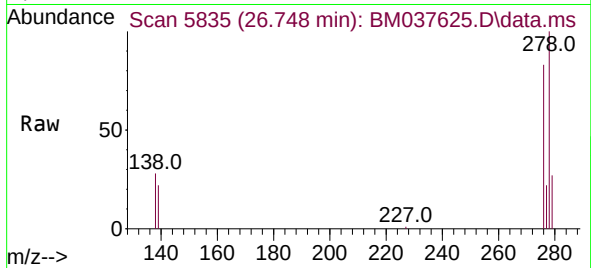




#28
 Dibenzo(a,h)anthracene
 Concen: 0.556 ng/ul
 RT: 26.748 min Scan# 5835
 Delta R.T. -0.000 min
 Lab File: BM037625.D
 Acq: 22 Nov 2022 00:11

Instrument :
 BNA_M
 ClientSampleId :
 SLCS135

Tgt Ion:278 Resp: 23834
 Ion Ratio Lower Upper
 278 100
 139 22.2 15.2 22.8
 279 26.8 20.2 30.2



#29
 Benzo(g,h,i)perylene
 Concen: 0.553 ng/ul
 RT: 27.533 min Scan# 6069
 Delta R.T. -0.000 min
 Lab File: BM037625.D
 Acq: 22 Nov 2022 00:11

Tgt Ion:276 Resp: 25594
 Ion Ratio Lower Upper
 276 100
 138 27.1 19.0 28.4
 277 25.0 19.4 29.2

