

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112122\
 Data File : BM037626.D
 Acq On : 22 Nov 2022 00:47
 Operator : CG/JU
 Sample : PB149187BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS187

Quant Time: Nov 22 01:37:20 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)

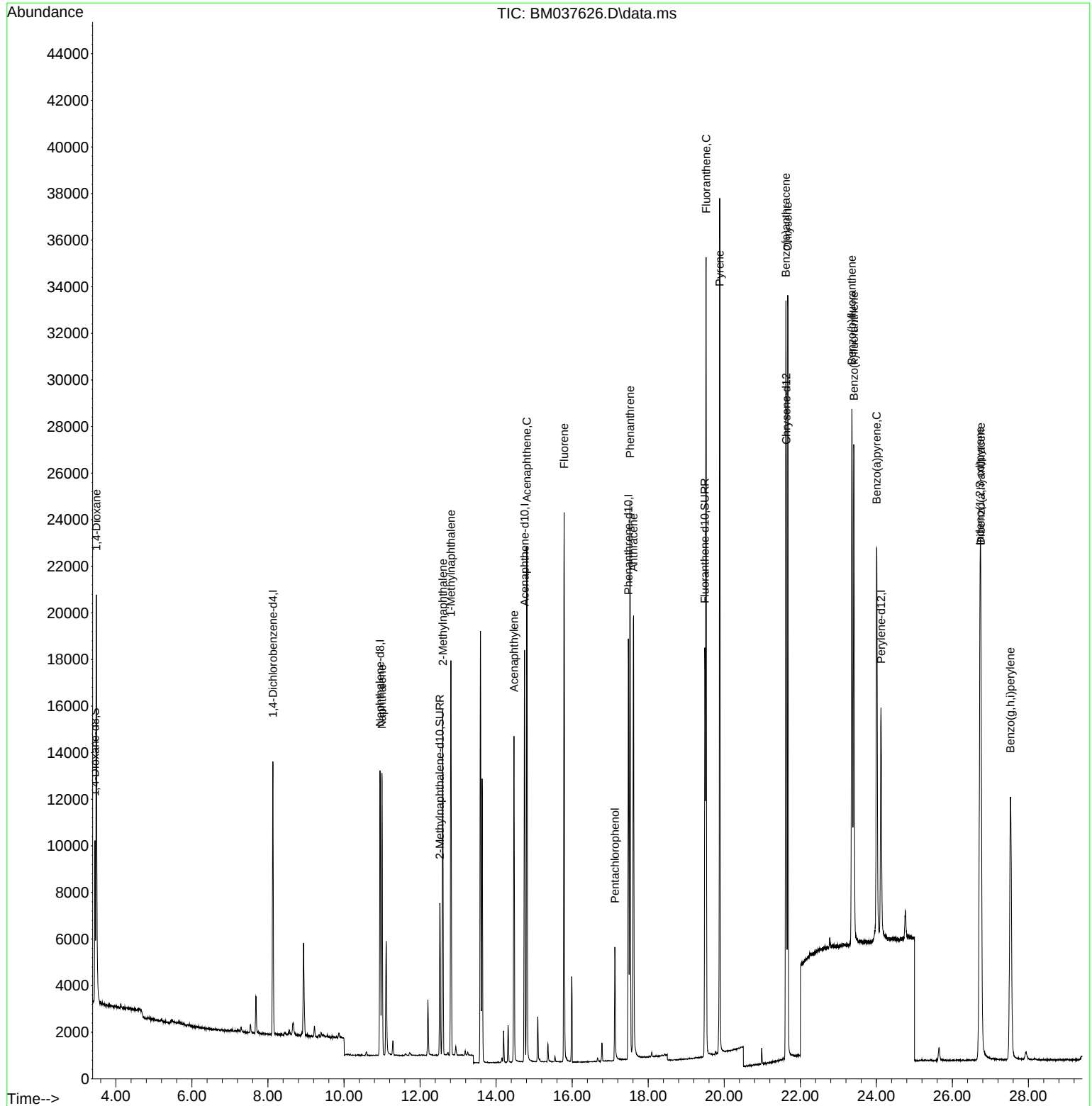
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.129	152	5676	0.400	ng/ul	0.00
4) Naphthalene-d8	10.948	136	15699	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.747	164	9211	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.479	188	20776	0.400	ng/ul	0.00
17) Chrysene-d12	21.634	240	15424	0.400	ng/ul	# 0.00
23) Perylene-d12	24.121	264	14413	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.450	96	4618	0.700	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.520	152	8050	0.309	ng/ul	0.00
18) Fluoranthene-d10	19.490	212	17771	0.349	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.488	88	11523	1.678	ng/ul#	51
5) Naphthalene	10.997	128	16079	0.337	ng/ul	99
7) 2-Methylnaphthalene	12.597	142	10344	0.319	ng/ul	100
8) 1-Methylnaphthalene	12.812	142	11075	0.333	ng/ul	99
10) Acenaphthylene	14.470	152	15494	0.303	ng/ul	100
11) Acenaphthene	14.807	153	12470	0.349	ng/ul	98
12) Fluorene	15.788	166	14638	0.340	ng/ul	99
14) Pentachlorophenol	17.124	266	3370	0.723	ng/ul	98
15) Phenanthrene	17.521	178	24931	0.351	ng/ul	99
16) Anthracene	17.614	178	21794	0.318	ng/ul	100
19) Fluoranthene	19.523	202	29080	0.391	ng/ul	97
20) Pyrene	19.880	202	29832	0.386	ng/ul	97
21) Benzo(a)anthracene	21.619	228	25715	0.373	ng/ul	99
22) Chrysene	21.671	228	27941	0.408	ng/ul	100
24) Benzo(b)fluoranthene	23.355	252	30667	0.467	ng/ul	91
25) Benzo(k)fluoranthene	23.408	252	27683	0.417	ng/ul#	94
26) Benzo(a)pyrene	24.010	252	25409	0.445	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.725	276	31809	0.420	ng/ul	90
28) Dibenzo(a,h)anthracene	26.748	278	24485	0.412	ng/ul	95
29) Benzo(g,h,i)perylene	27.526	276	25860	0.402	ng/ul	96

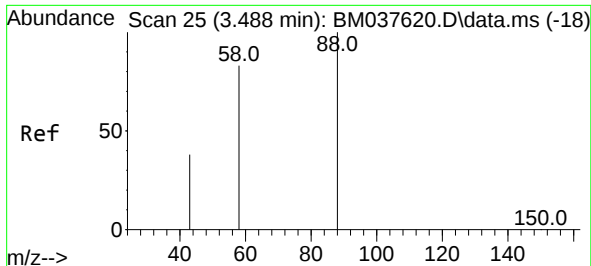
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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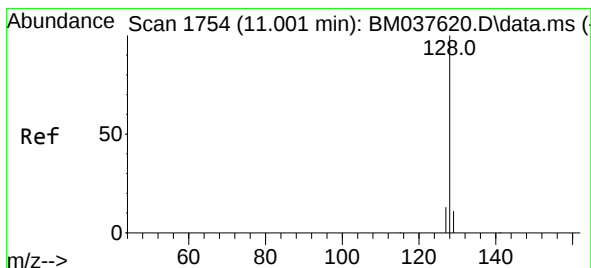
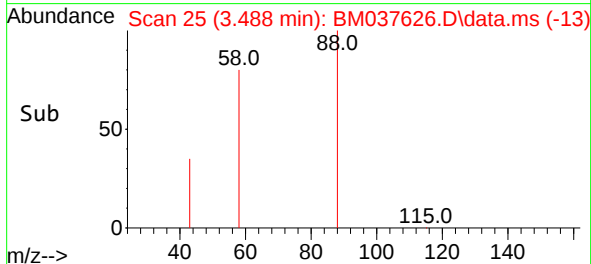
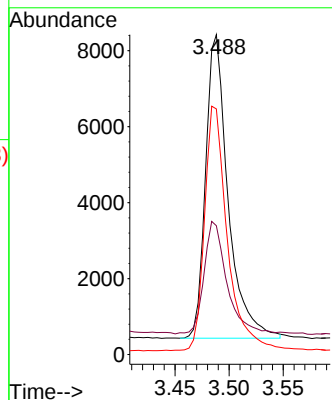
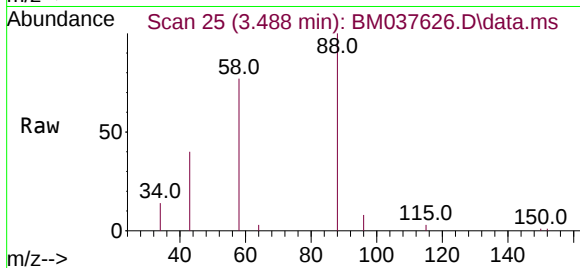




#2
1,4-Dioxane
Concen: 1.678 ng/ul
RT: 3.488 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM037626.D
Acq: 22 Nov 2022 00:47

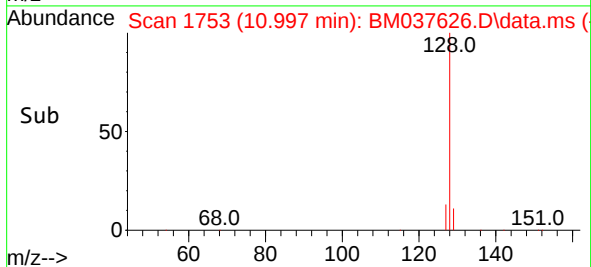
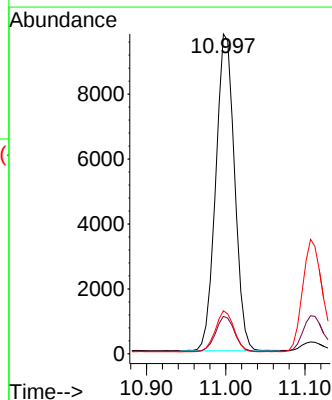
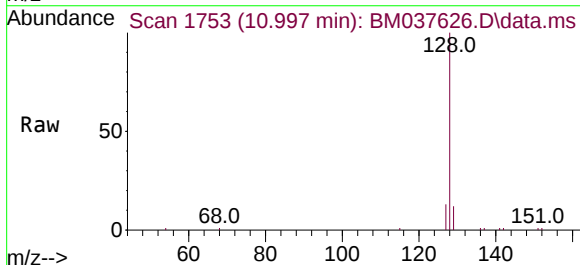
Instrument :
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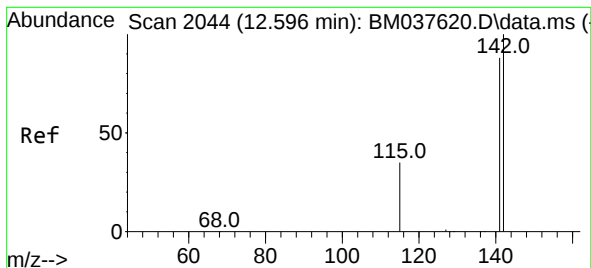
Tgt Ion: 88 Resp: 11523
Ion Ratio Lower Upper
88 100
43 40.3 102.8 154.2#
58 76.8 67.3 100.9



#5
Naphthalene
Concen: 0.337 ng/ul
RT: 10.997 min Scan# 1753
Delta R.T. -0.004 min
Lab File: BM037626.D
Acq: 22 Nov 2022 00:47

Tgt Ion: 128 Resp: 16079
Ion Ratio Lower Upper
128 100
129 11.7 9.8 14.8
127 13.5 11.0 16.4

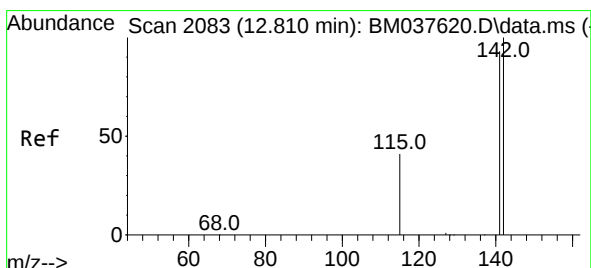
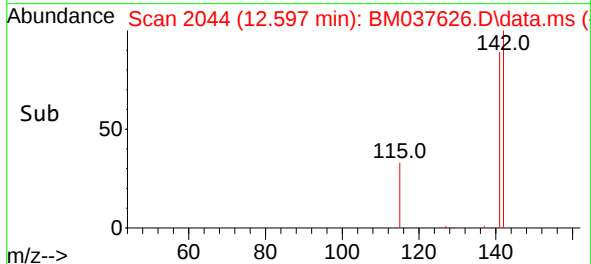
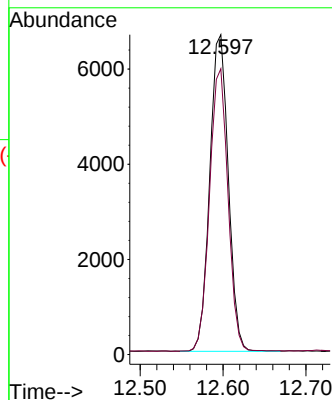
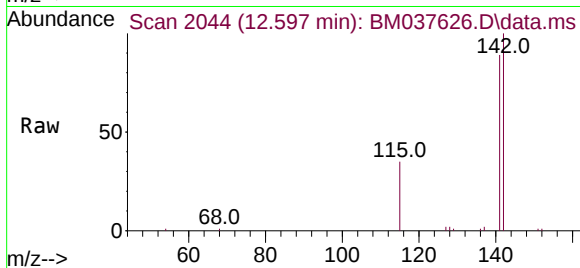




#7
2-Methylnaphthalene
Concen: 0.319 ng/ul
RT: 12.597 min Scan# 2044
Delta R.T. 0.001 min
Lab File: BM037626.D
Acq: 22 Nov 2022 00:47

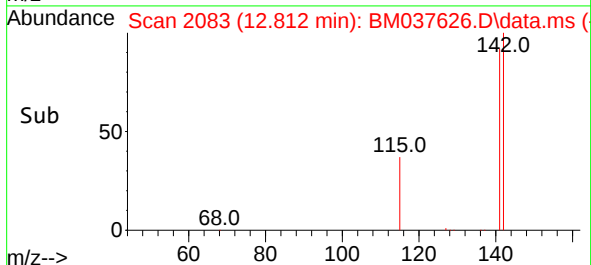
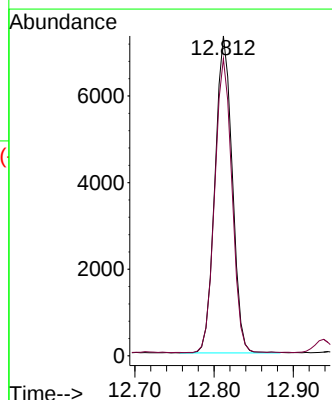
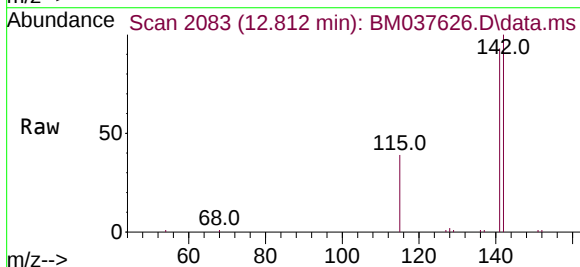
Instrument :
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ClientSampleId :
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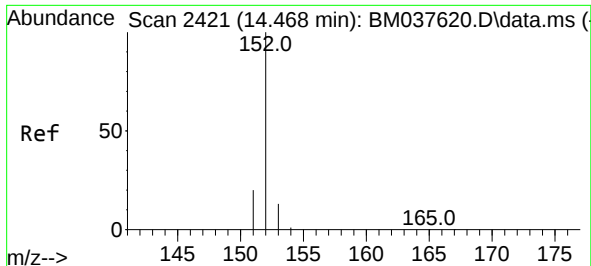
Tgt Ion:142 Resp: 10344
Ion Ratio Lower Upper
142 100
141 88.9 71.0 106.4



#8
1-Methylnaphthalene
Concen: 0.333 ng/ul
RT: 12.812 min Scan# 2083
Delta R.T. 0.001 min
Lab File: BM037626.D
Acq: 22 Nov 2022 00:47

Tgt Ion:142 Resp: 11075
Ion Ratio Lower Upper
142 100
141 92.5 73.4 110.0

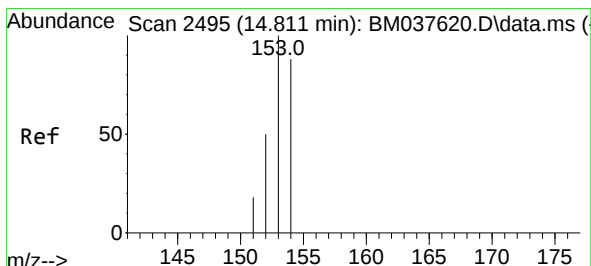
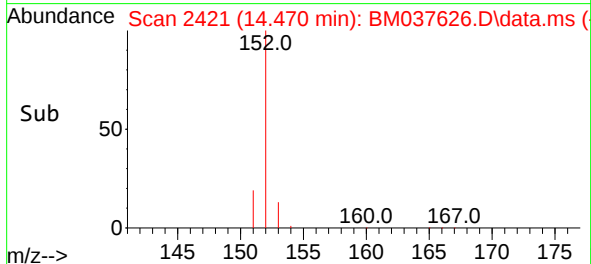
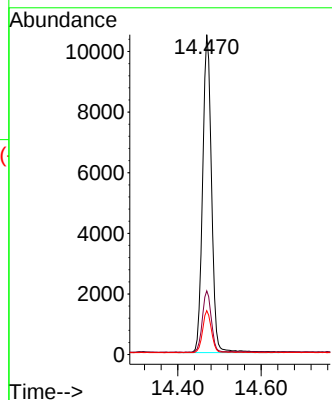
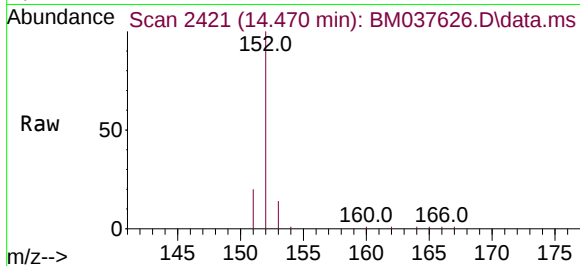




#10
Acenaphthylene
Concen: 0.303 ng/ul
RT: 14.470 min Scan# 2421
Delta R.T. 0.001 min
Lab File: BM037626.D
Acq: 22 Nov 2022 00:47

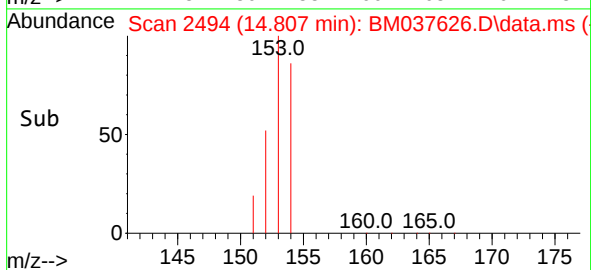
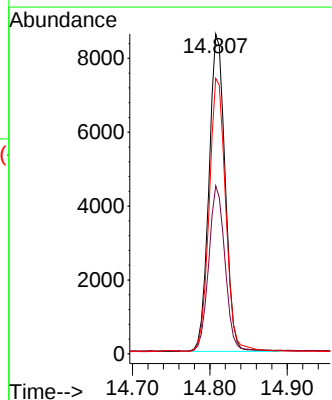
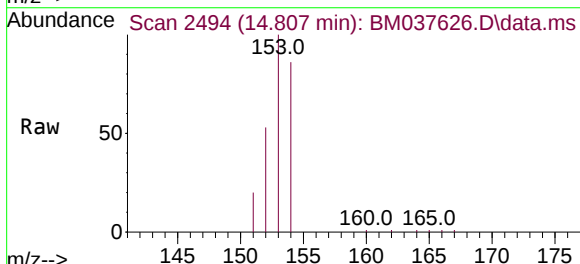
Instrument :
BNA_M
ClientSampleId :
SLCS187

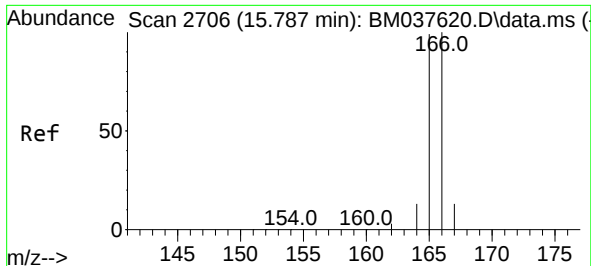
Tgt Ion:152	Resp:	15494
Ion Ratio	Lower	Upper
152	100	
151	19.9	15.9 23.9
153	13.7	11.0 16.4



#11
Acenaphthene
Concen: 0.349 ng/ul
RT: 14.807 min Scan# 2494
Delta R.T. -0.003 min
Lab File: BM037626.D
Acq: 22 Nov 2022 00:47

Tgt Ion:153	Resp:	12470
Ion Ratio	Lower	Upper
153	100	
152	52.5	39.4 59.0
154	86.1	69.5 104.3

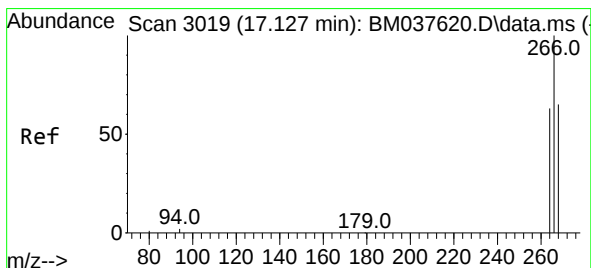
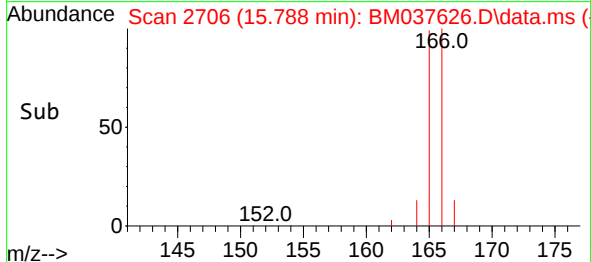
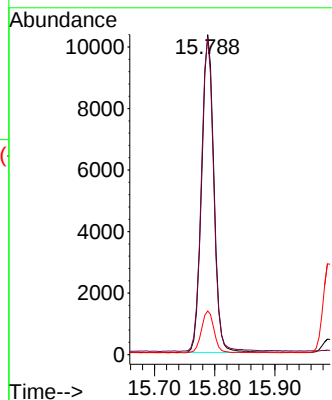
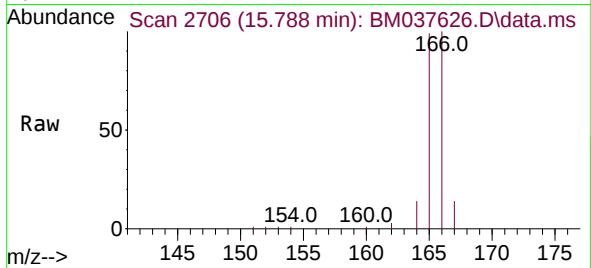




#12
 Fluorene
 Concen: 0.340 ng/ul
 RT: 15.788 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BM037626.D
 Acq: 22 Nov 2022 00:47

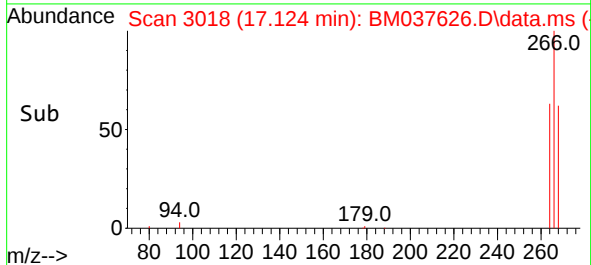
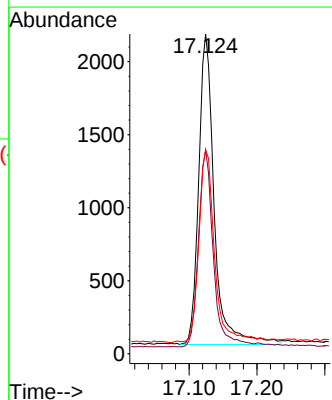
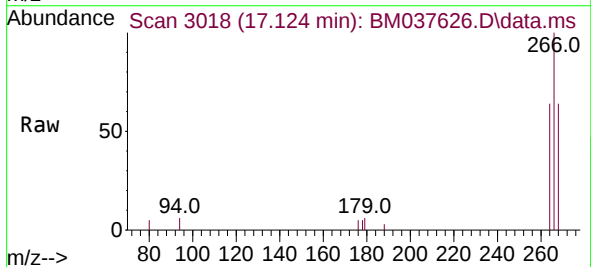
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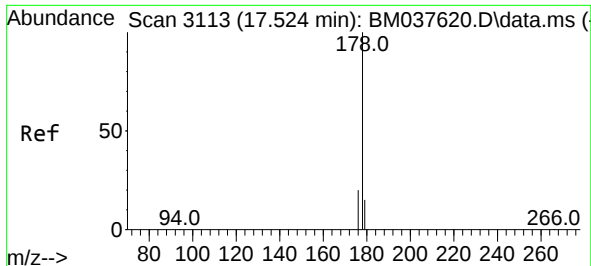
Tgt Ion:166 Resp: 14638
 Ion Ratio Lower Upper
 166 100
 165 99.2 78.7 118.1
 167 13.6 11.3 16.9



#14
 Pentachlorophenol
 Concen: 0.723 ng/ul
 RT: 17.124 min Scan# 3018
 Delta R.T. -0.003 min
 Lab File: BM037626.D
 Acq: 22 Nov 2022 00:47

Tgt Ion:266 Resp: 3370
 Ion Ratio Lower Upper
 266 100
 264 61.4 50.2 75.2
 268 62.6 52.0 78.0

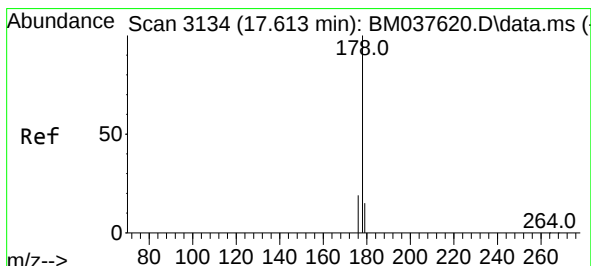
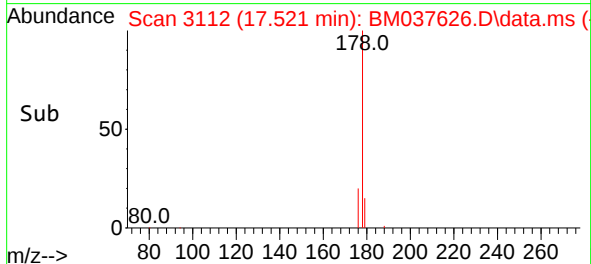
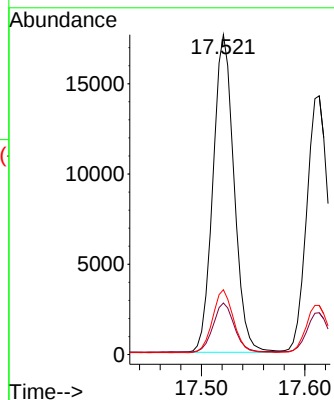
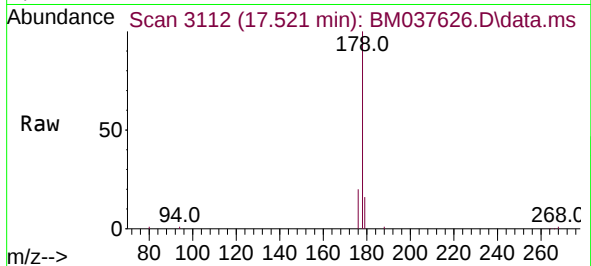




#15
Phenanthrene
Concen: 0.351 ng/ul
RT: 17.521 min Scan# 3113
Delta R.T. -0.003 min
Lab File: BM037626.D
Acq: 22 Nov 2022 00:47

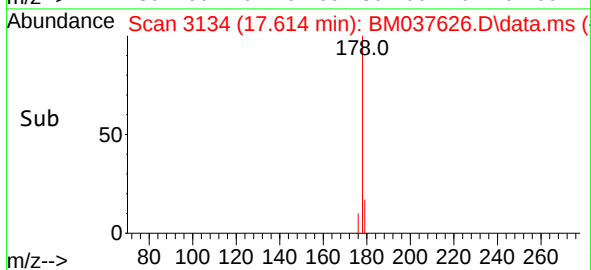
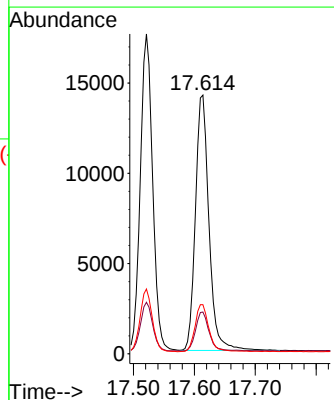
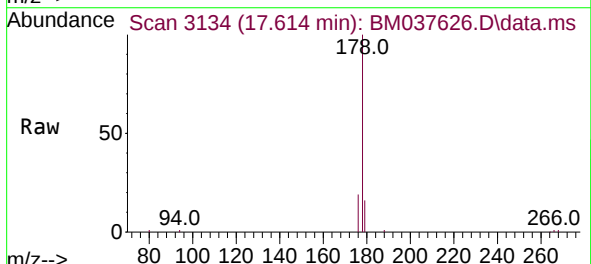
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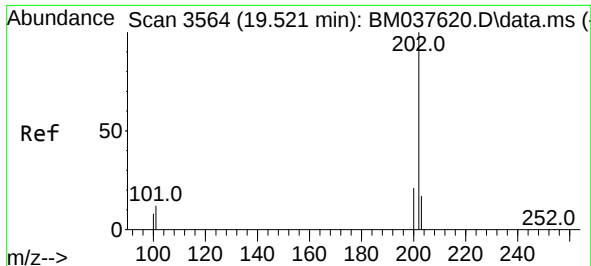
Tgt Ion:178 Resp: 24931
Ion Ratio Lower Upper
178 100
179 16.1 12.6 18.8
176 20.3 16.0 24.0



#16
Anthracene
Concen: 0.318 ng/ul
RT: 17.614 min Scan# 3134
Delta R.T. 0.001 min
Lab File: BM037626.D
Acq: 22 Nov 2022 00:47

Tgt Ion:178 Resp: 21794
Ion Ratio Lower Upper
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179 16.2 12.8 19.2
176 19.0 15.0 22.6

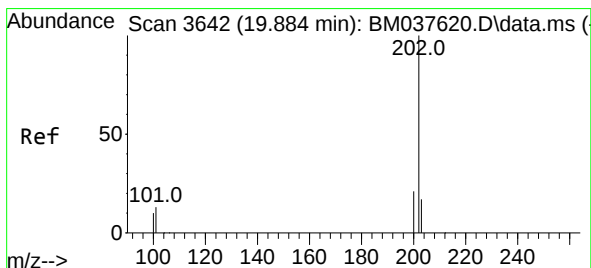
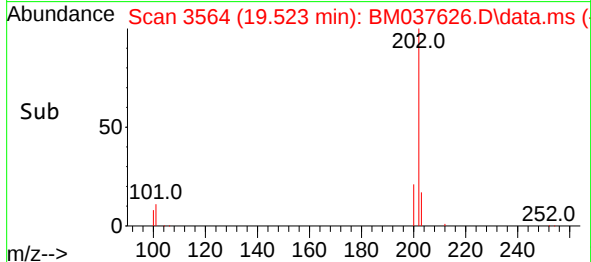
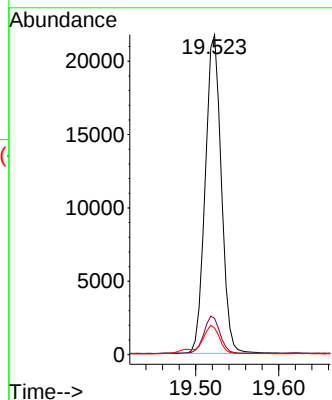
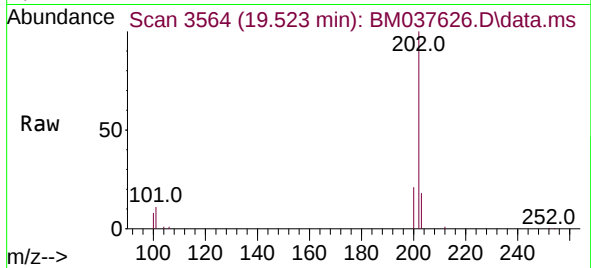




#19
Fluoranthene
Concen: 0.391 ng/ul
RT: 19.523 min Scan# 3564
Delta R.T. 0.001 min
Lab File: BM037626.D
Acq: 22 Nov 2022 00:47

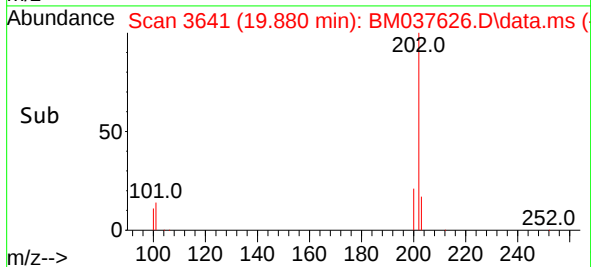
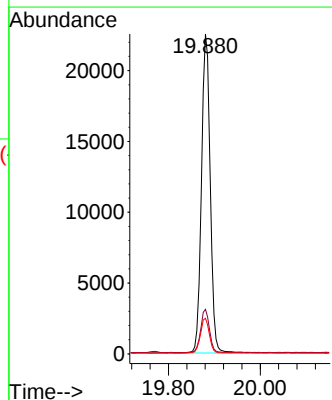
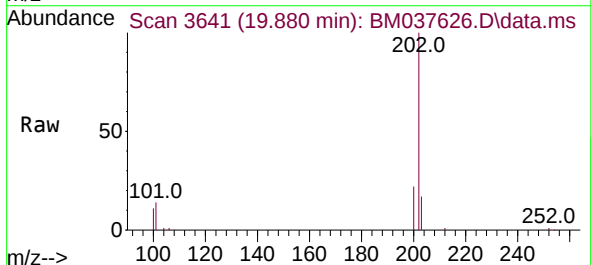
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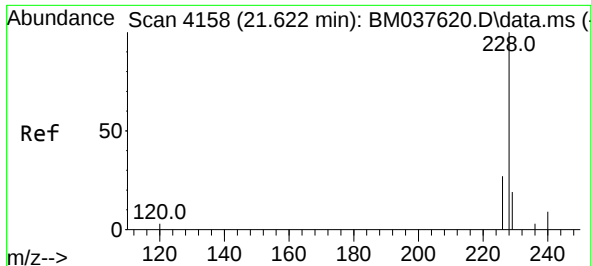
Tgt Ion:202 Resp: 29080
Ion Ratio Lower Upper
202 100
101 11.3 8.2 12.2
100 8.3 6.1 9.1



#20
Pyrene
Concen: 0.386 ng/ul
RT: 19.880 min Scan# 3641
Delta R.T. -0.003 min
Lab File: BM037626.D
Acq: 22 Nov 2022 00:47

Tgt Ion:202 Resp: 29832
Ion Ratio Lower Upper
202 100
101 13.9 10.1 15.1
100 11.1 8.0 12.0

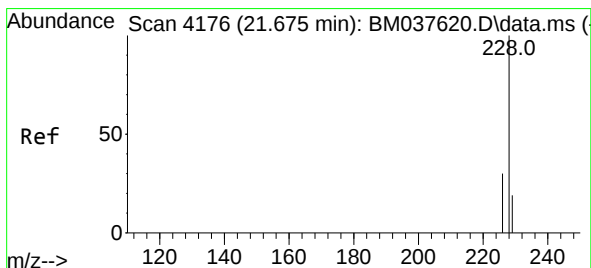
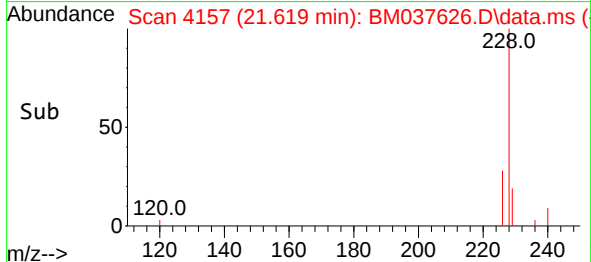
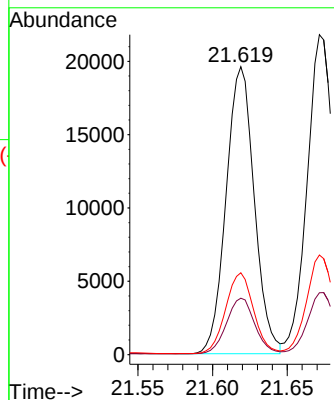
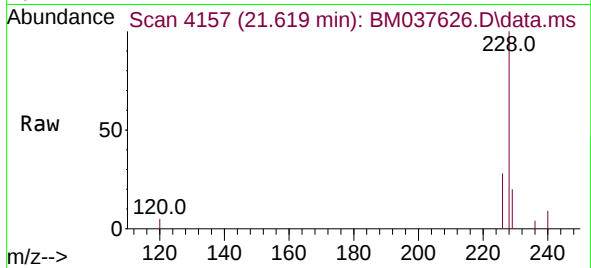




#21
Benzo(a)anthracene
Concen: 0.373 ng/ul
RT: 21.619 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BM037626.D
Acq: 22 Nov 2022 00:47

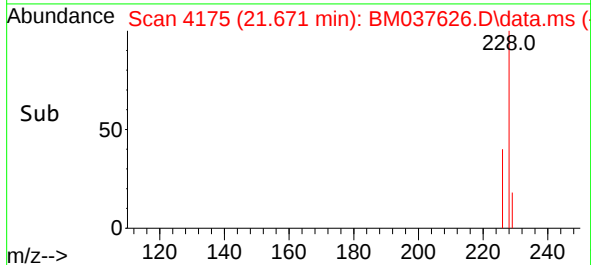
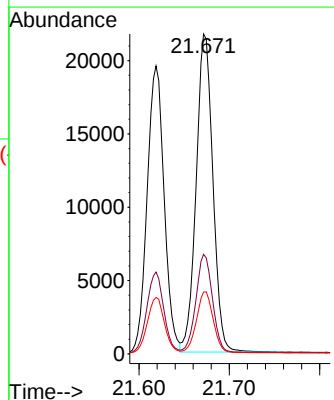
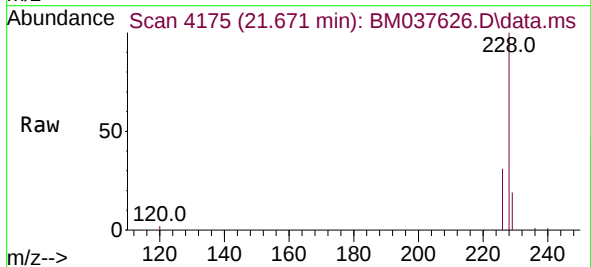
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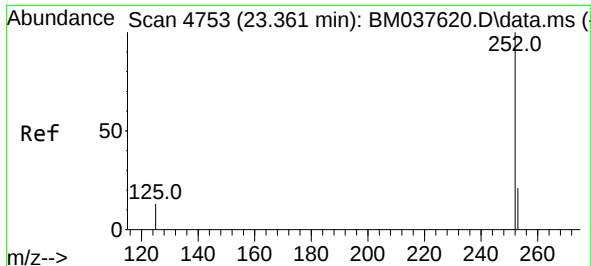
Tgt Ion:228 Resp: 25715
Ion Ratio Lower Upper
228 100
229 19.6 15.7 23.5
226 28.4 22.2 33.2



#22
Chrysene
Concen: 0.408 ng/ul
RT: 21.671 min Scan# 4175
Delta R.T. -0.003 min
Lab File: BM037626.D
Acq: 22 Nov 2022 00:47

Tgt Ion:228 Resp: 27941
Ion Ratio Lower Upper
228 100
226 31.1 24.6 37.0
229 19.3 15.5 23.3

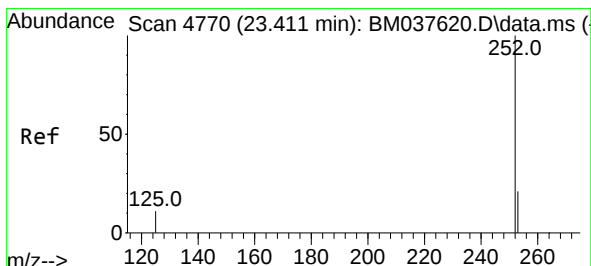
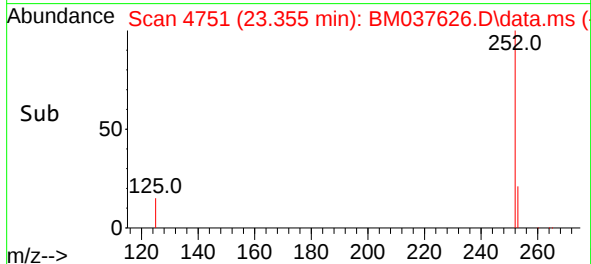
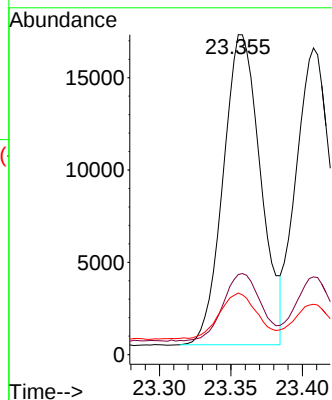
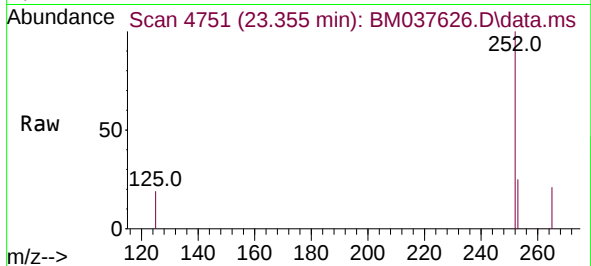




#24
Benzo(b)fluoranthene
Concen: 0.467 ng/ul
RT: 23.355 min Scan# 4751
Delta R.T. -0.006 min
Lab File: BM037626.D
Acq: 22 Nov 2022 00:47

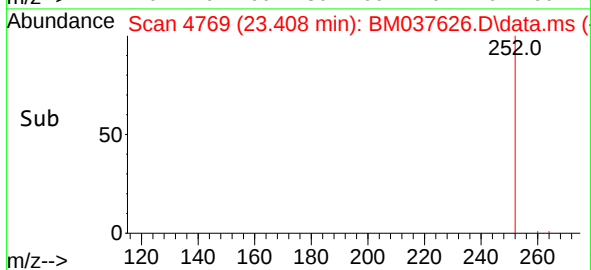
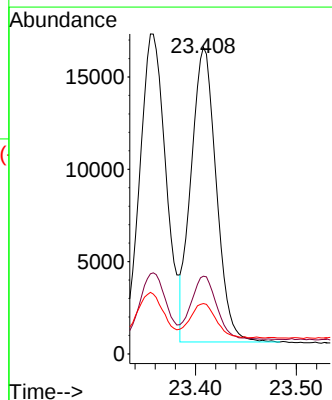
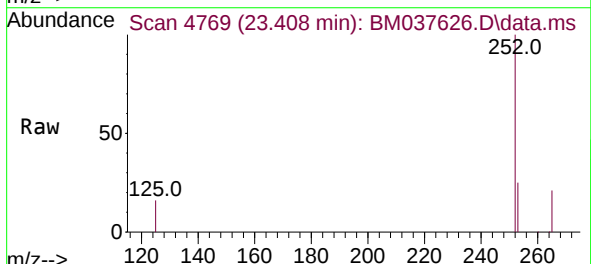
Instrument :
BNA_M
ClientSampleId :
SLCS187

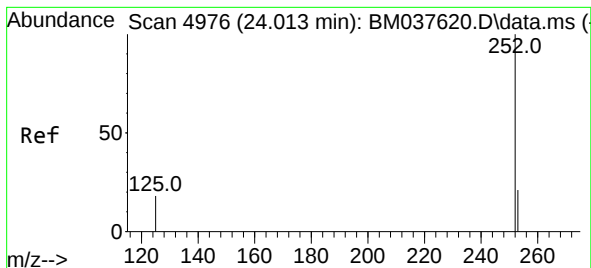
Tgt Ion:252 Resp: 30667
Ion Ratio Lower Upper
252 100
253 25.0 0.0 46.2
125 19.2 0.0 23.4



#25
Benzo(k)fluoranthene
Concen: 0.417 ng/ul
RT: 23.408 min Scan# 4769
Delta R.T. -0.003 min
Lab File: BM037626.D
Acq: 22 Nov 2022 00:47

Tgt Ion:252 Resp: 27683
Ion Ratio Lower Upper
252 100
253 25.3 18.8 28.2
125 16.4 9.8 14.6#





#26

Benzo(a)pyrene

Concen: 0.445 ng/ul

RT: 24.010 min Scan# 4976

Delta R.T. -0.003 min

Lab File: BM037626.D

Acq: 22 Nov 2022 00:47

Instrument :

BNA_M

ClientSampleId :

SLCS187

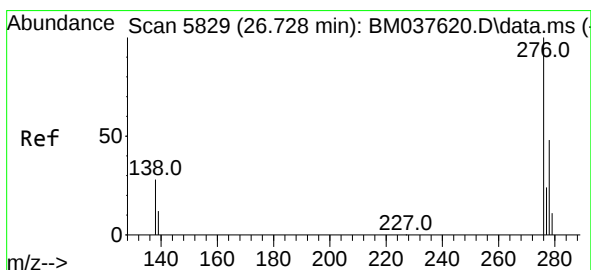
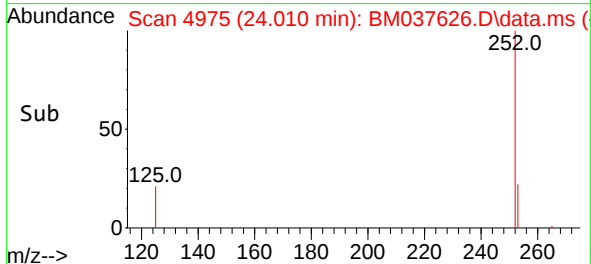
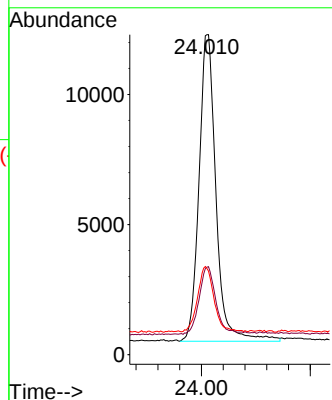
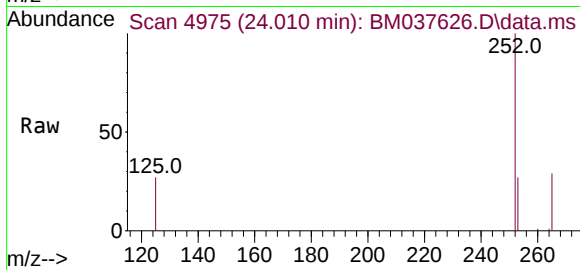
Tgt Ion:252 Resp: 25409

Ion Ratio Lower Upper

252 100

253 27.3 18.8 28.2

125 26.9 10.5 15.7#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.420 ng/ul

RT: 26.725 min Scan# 5828

Delta R.T. -0.004 min

Lab File: BM037626.D

Acq: 22 Nov 2022 00:47

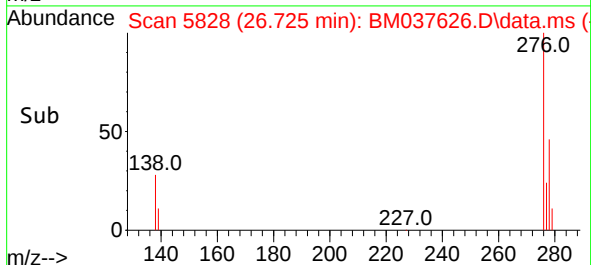
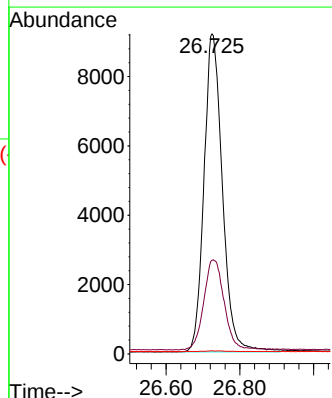
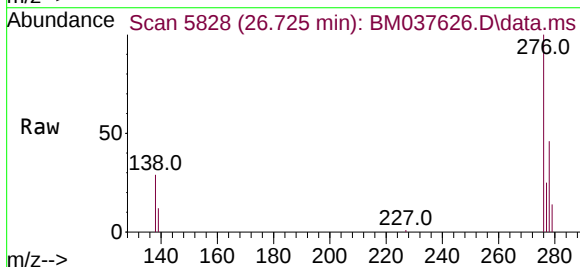
Tgt Ion:276 Resp: 31809

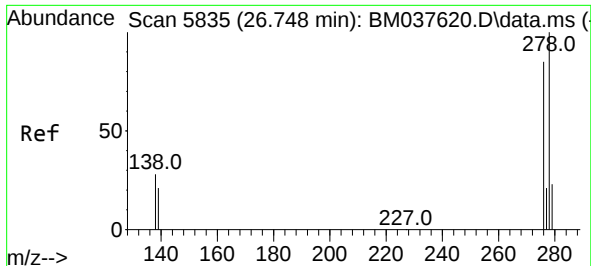
Ion Ratio Lower Upper

276 100

138 31.6 21.2 31.8

227 0.1 0.1 0.1

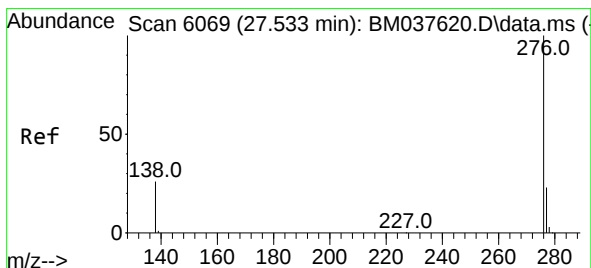
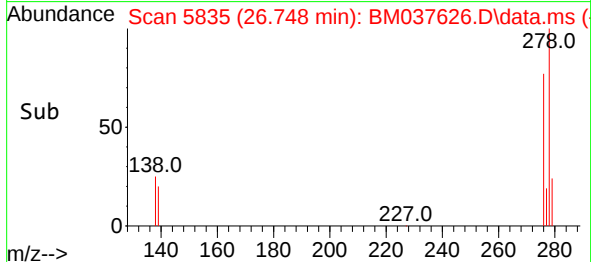
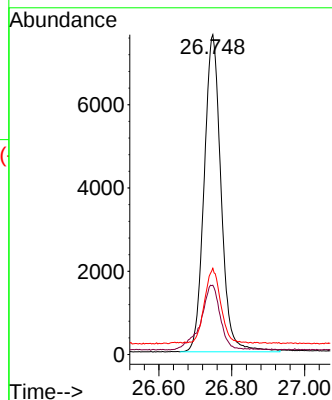
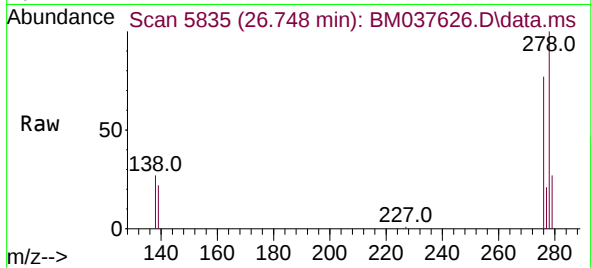




#28
Dibenzo(a,h)anthracene
Concen: 0.412 ng/ul
RT: 26.748 min Scan# 5835
Delta R.T. -0.000 min
Lab File: BM037626.D
Acq: 22 Nov 2022 00:47

Instrument :
BNA_M
ClientSampleId :
SLCS187

Tgt Ion:278 Resp: 24485
Ion Ratio Lower Upper
278 100
139 21.7 15.2 22.8
279 27.0 20.2 30.2



#29
Benzo(g,h,i)perylene
Concen: 0.402 ng/ul
RT: 27.526 min Scan# 6067
Delta R.T. -0.007 min
Lab File: BM037626.D
Acq: 22 Nov 2022 00:47

Tgt Ion:276 Resp: 25860
Ion Ratio Lower Upper
276 100
138 27.1 19.0 28.4
277 24.2 19.4 29.2

