

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112122\
 Data File : BM037627.D
 Acq On : 22 Nov 2022 01:24
 Operator : CG/JU
 Sample : PB149189BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS189

Quant Time: Nov 22 01:57:08 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)

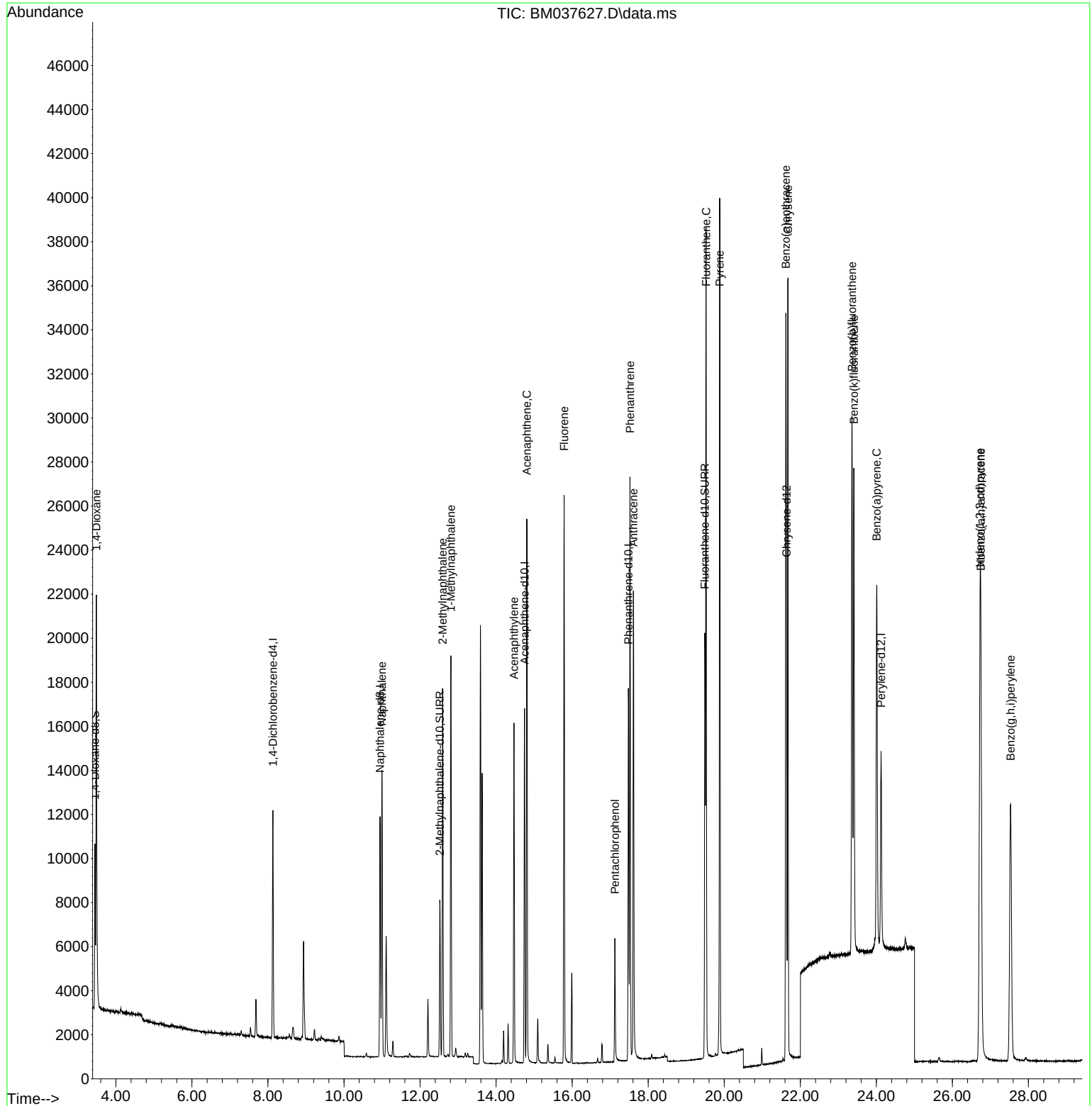
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.129	152	5077	0.400	ng/ul	0.00
4) Naphthalene-d8	10.948	136	14158	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.747	164	8346	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.479	188	18958	0.400	ng/ul	0.00
17) Chrysene-d12	21.636	240	13825	0.400	ng/ul	# 0.00
23) Perylene-d12	24.124	264	12759	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.450	96	4814	0.816	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.520	152	8712	0.371	ng/ul	0.00
18) Fluoranthene-d10	19.490	212	19130	0.419	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.488	88	12420	2.022	ng/ul#	51
5) Naphthalene	10.997	128	17500	0.407	ng/ul	99
7) 2-Methylnaphthalene	12.592	142	11240	0.384	ng/ul	100
8) 1-Methylnaphthalene	12.812	142	12033	0.402	ng/ul	99
10) Acenaphthylene	14.470	152	16963	0.366	ng/ul	99
11) Acenaphthene	14.807	153	13611	0.421	ng/ul	98
12) Fluorene	15.788	166	15970	0.410	ng/ul	100
14) Pentachlorophenol	17.124	266	3699	0.870	ng/ul	98
15) Phenanthrene	17.521	178	27233	0.420	ng/ul	100
16) Anthracene	17.610	178	23843	0.381	ng/ul	98
19) Fluoranthene	19.523	202	31476	0.472	ng/ul	97
20) Pyrene	19.880	202	32371	0.467	ng/ul	97
21) Benzo(a)anthracene	21.619	228	27985	0.453	ng/ul	100
22) Chrysene	21.674	228	30107	0.491	ng/ul	100
24) Benzo(b)fluoranthene	23.358	252	31753	0.546	ng/ul	93
25) Benzo(k)fluoranthene	23.408	252	29563	0.503	ng/ul#	94
26) Benzo(a)pyrene	24.010	252	26093	0.516	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.725	276	32437	0.484	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.748	278	25208	0.479	ng/ul	96
29) Benzo(g,h,i)perylene	27.529	276	26960	0.474	ng/ul	96

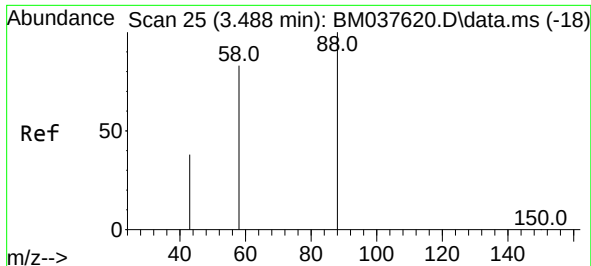
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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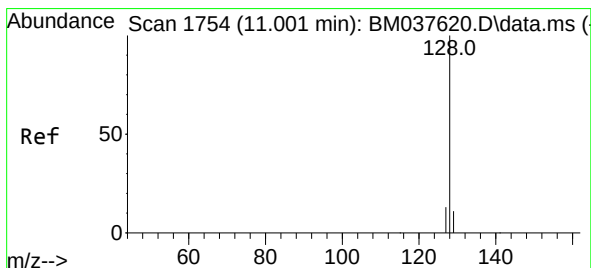
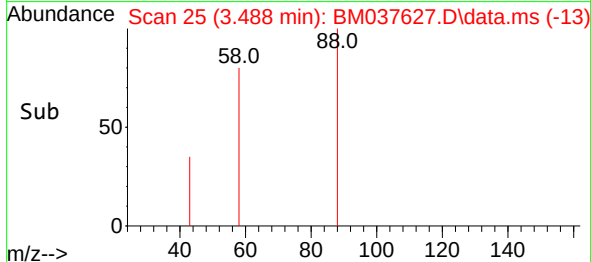
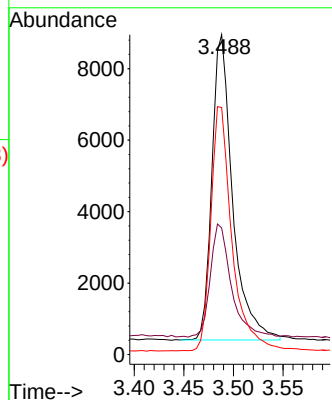
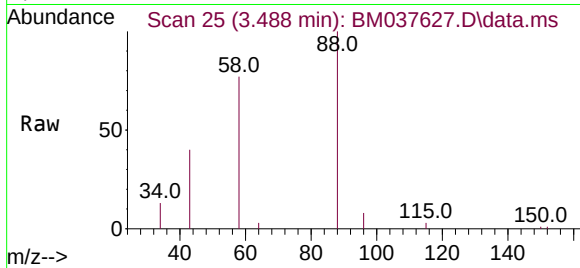




#2
 1,4-Dioxane
 Concen: 2.022 ng/ul
 RT: 3.488 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM037627.D
 Acq: 22 Nov 2022 01:24

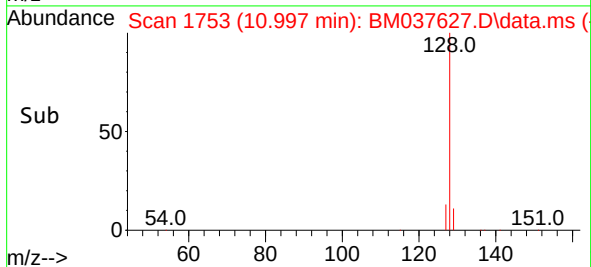
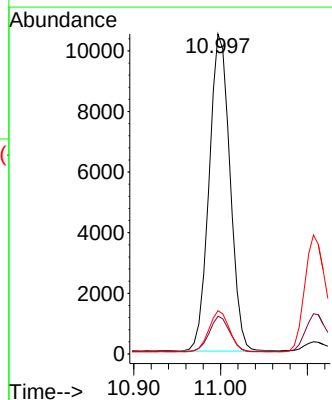
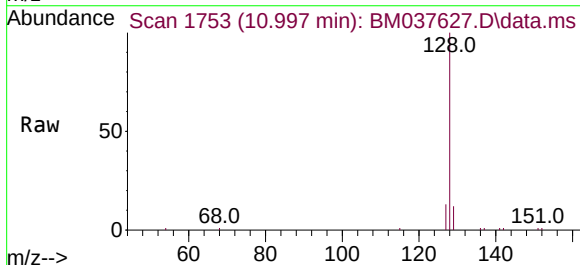
Instrument :
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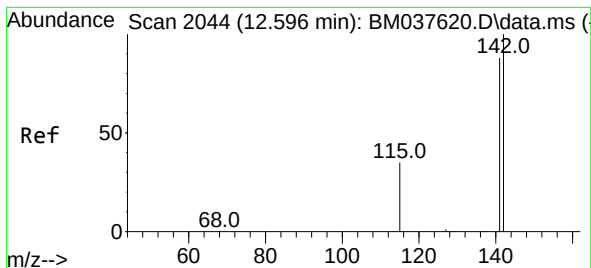
Tgt Ion: 88 Resp: 12420
 Ion Ratio Lower Upper
 88 100
 43 39.6 102.8 154.2#
 58 77.2 67.3 100.9



#5
 Naphthalene
 Concen: 0.407 ng/ul
 RT: 10.997 min Scan# 1753
 Delta R.T. -0.004 min
 Lab File: BM037627.D
 Acq: 22 Nov 2022 01:24

Tgt Ion: 128 Resp: 17500
 Ion Ratio Lower Upper
 128 100
 129 11.8 9.8 14.8
 127 13.5 11.0 16.4

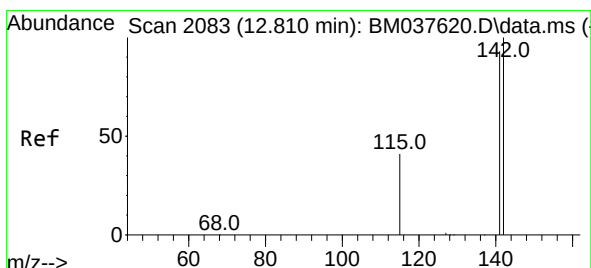
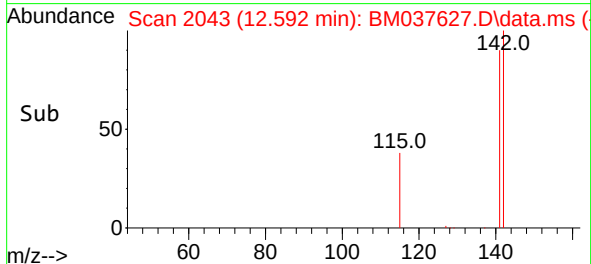
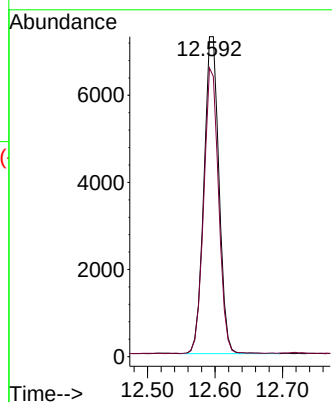
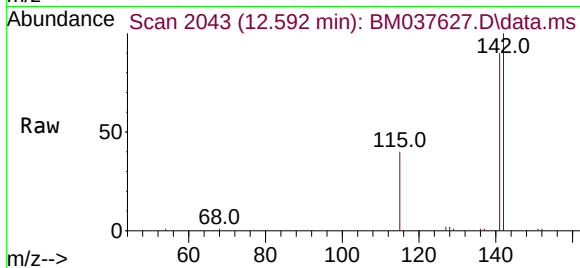




#7
2-Methylnaphthalene
Concen: 0.384 ng/ul
RT: 12.592 min Scan# 2043
Delta R.T. -0.004 min
Lab File: BM037627.D
Acq: 22 Nov 2022 01:24

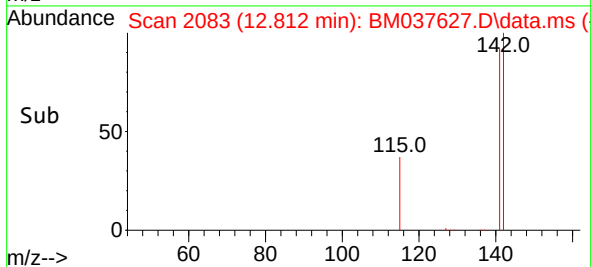
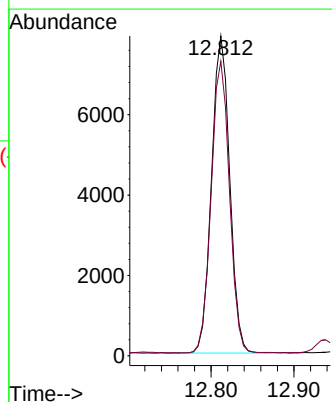
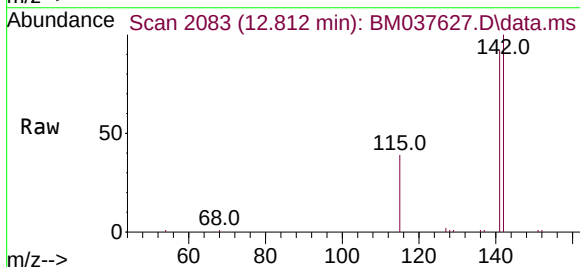
Instrument :
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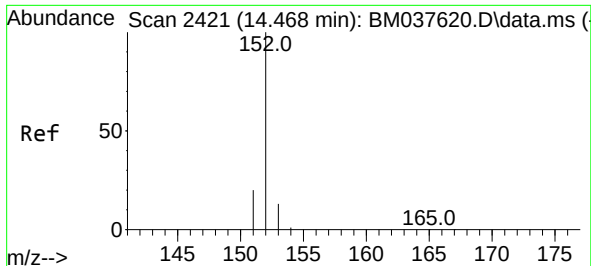
Tgt Ion:142 Resp: 11240
Ion Ratio Lower Upper
142 100
141 88.6 71.0 106.4



#8
1-Methylnaphthalene
Concen: 0.402 ng/ul
RT: 12.812 min Scan# 2083
Delta R.T. 0.001 min
Lab File: BM037627.D
Acq: 22 Nov 2022 01:24

Tgt Ion:142 Resp: 12033
Ion Ratio Lower Upper
142 100
141 92.3 73.4 110.0

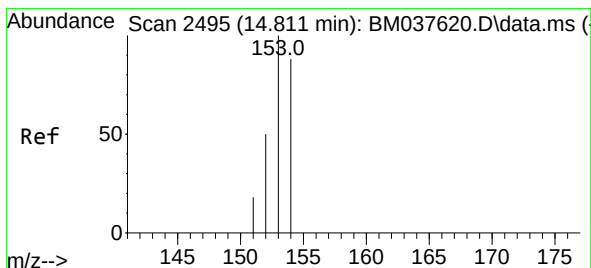
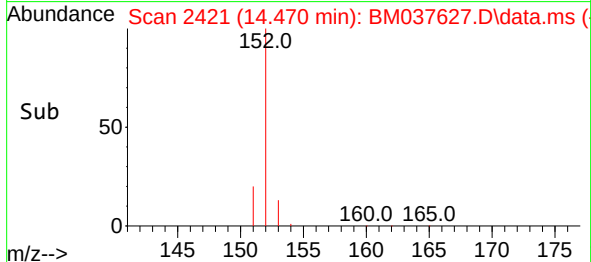
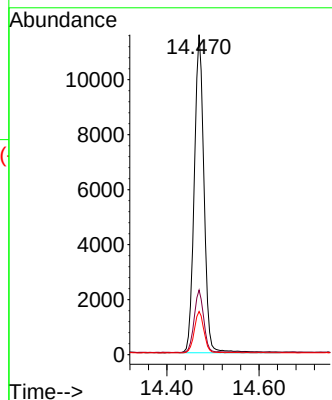
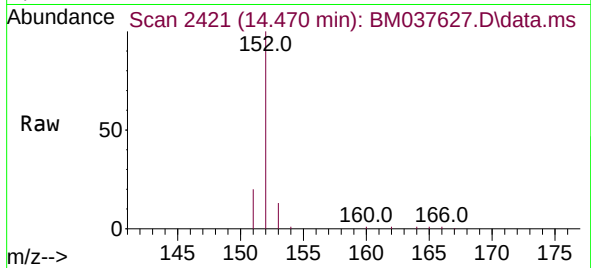




#10
Acenaphthylene
Concen: 0.366 ng/ul
RT: 14.470 min Scan# 2421
Delta R.T. 0.001 min
Lab File: BM037627.D
Acq: 22 Nov 2022 01:24

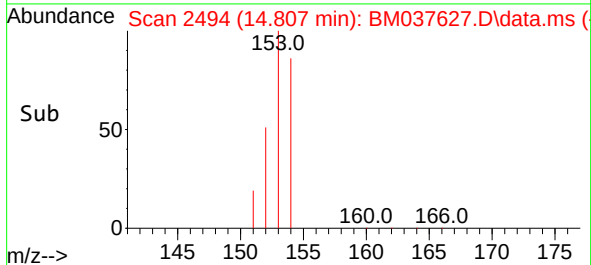
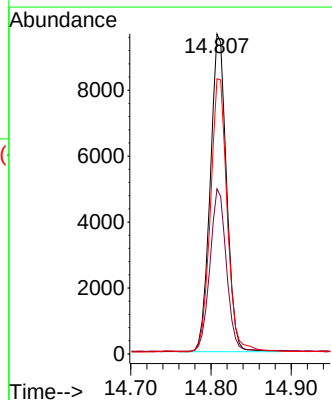
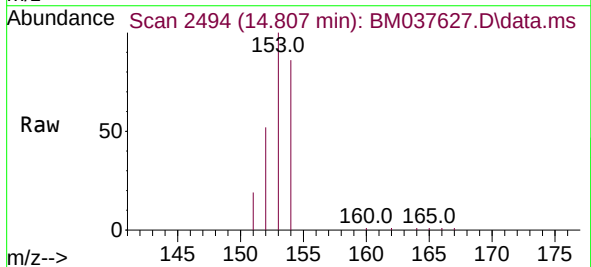
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ClientSampleId :
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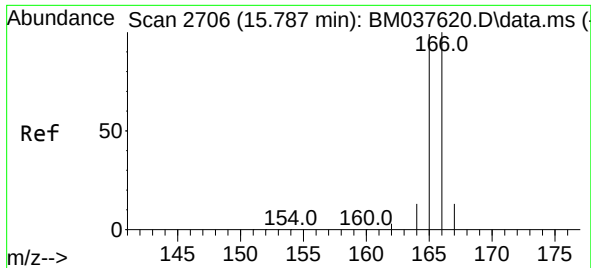
Tgt Ion:152 Resp: 16963
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.5 11.0 16.4



#11
Acenaphthene
Concen: 0.421 ng/ul
RT: 14.807 min Scan# 2494
Delta R.T. -0.003 min
Lab File: BM037627.D
Acq: 22 Nov 2022 01:24

Tgt Ion:153 Resp: 13611
Ion Ratio Lower Upper
153 100
152 51.6 39.4 59.0
154 86.0 69.5 104.3

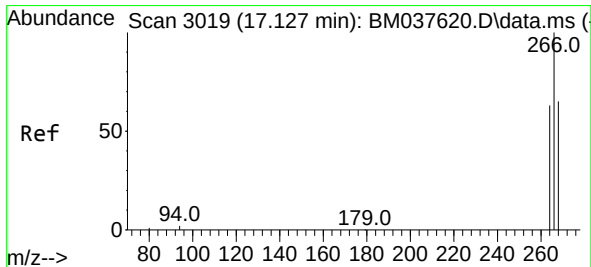
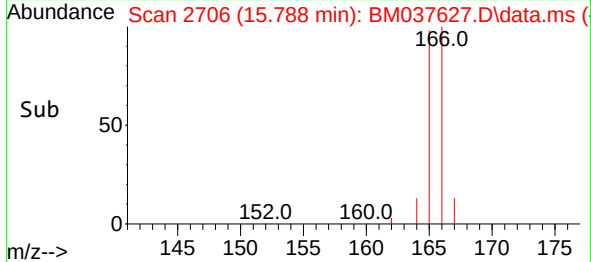
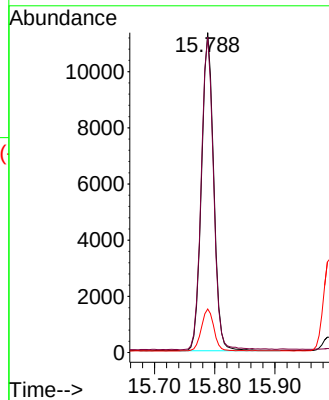
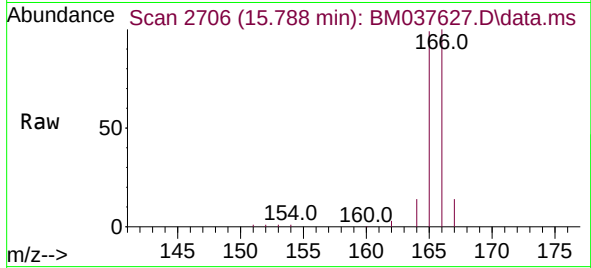




#12
 Fluorene
 Concen: 0.410 ng/ul
 RT: 15.788 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BM037627.D
 Acq: 22 Nov 2022 01:24

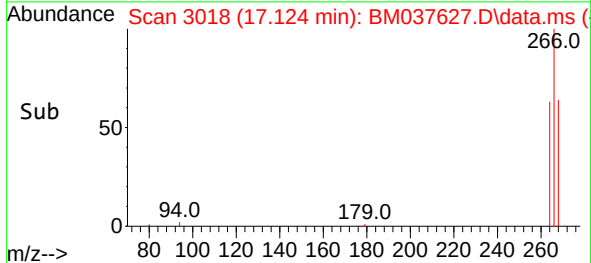
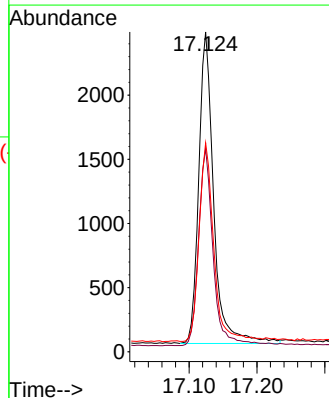
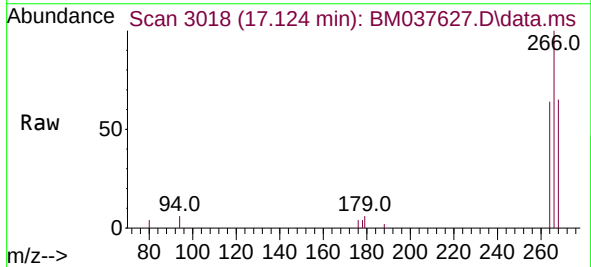
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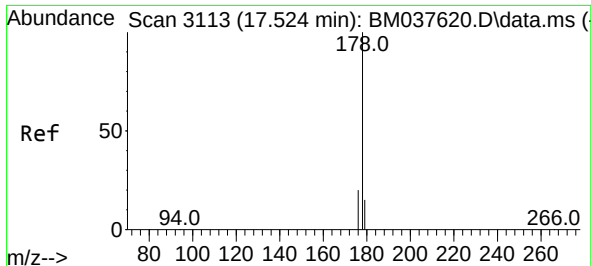
Tgt Ion:166 Resp: 15970
 Ion Ratio Lower Upper
 166 100
 165 98.6 78.7 118.1
 167 13.6 11.3 16.9



#14
 Pentachlorophenol
 Concen: 0.870 ng/ul
 RT: 17.124 min Scan# 3018
 Delta R.T. -0.003 min
 Lab File: BM037627.D
 Acq: 22 Nov 2022 01:24

Tgt Ion:266 Resp: 3699
 Ion Ratio Lower Upper
 266 100
 264 62.0 50.2 75.2
 268 62.6 52.0 78.0

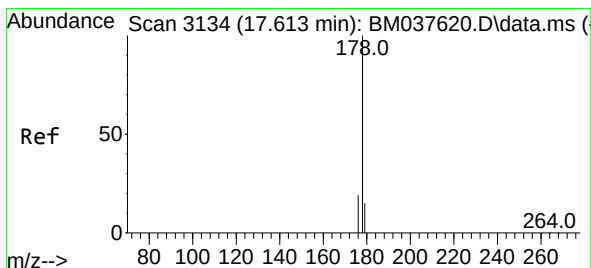
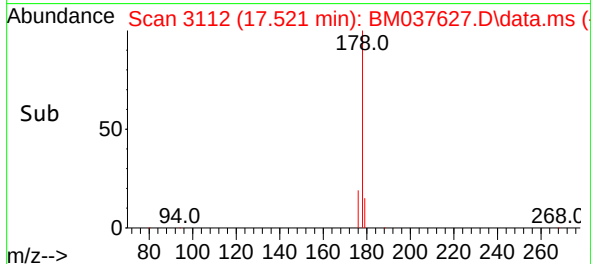
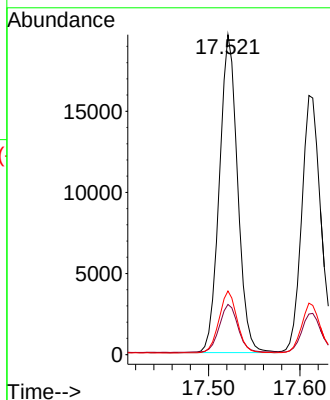
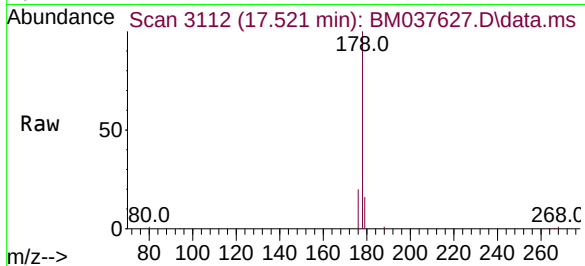




#15
Phenanthrene
Concen: 0.420 ng/ul
RT: 17.521 min Scan# 3113
Delta R.T. -0.003 min
Lab File: BM037627.D
Acq: 22 Nov 2022 01:24

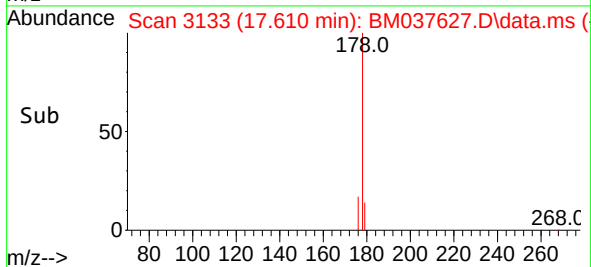
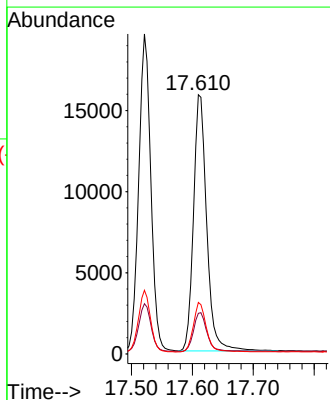
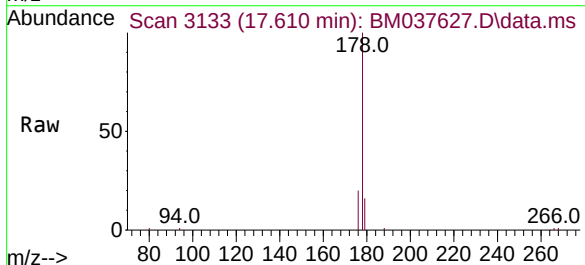
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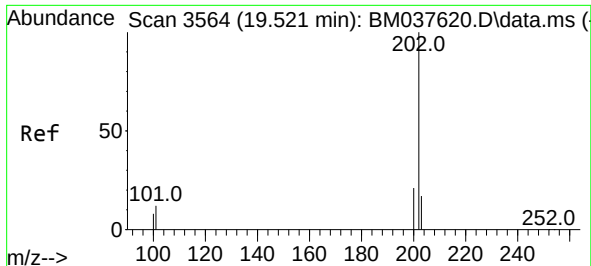
Tgt Ion:178 Resp: 27233
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.9 16.0 24.0



#16
Anthracene
Concen: 0.381 ng/ul
RT: 17.610 min Scan# 3133
Delta R.T. -0.003 min
Lab File: BM037627.D
Acq: 22 Nov 2022 01:24

Tgt Ion:178 Resp: 23843
Ion Ratio Lower Upper
178 100
179 15.6 12.8 19.2
176 19.9 15.0 22.6

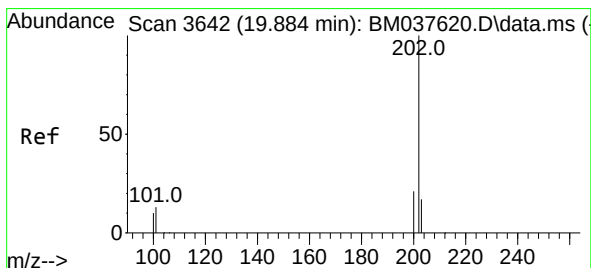
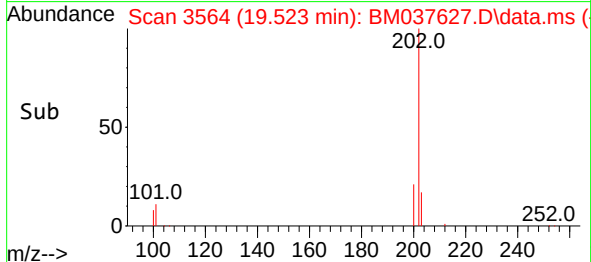
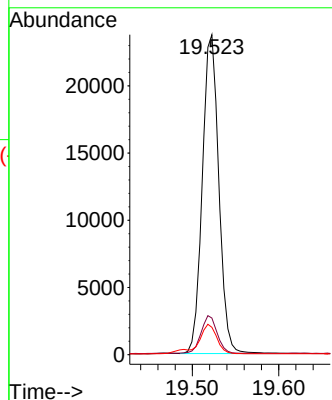
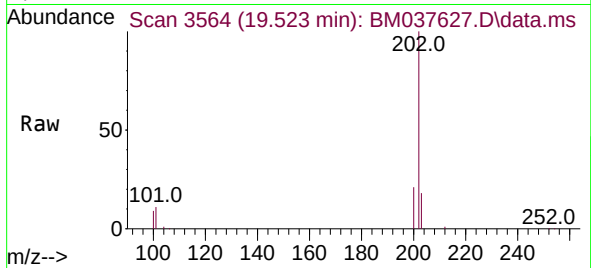




#19
Fluoranthene
Concen: 0.472 ng/ul
RT: 19.523 min Scan# 3564
Delta R.T. 0.001 min
Lab File: BM037627.D
Acq: 22 Nov 2022 01:24

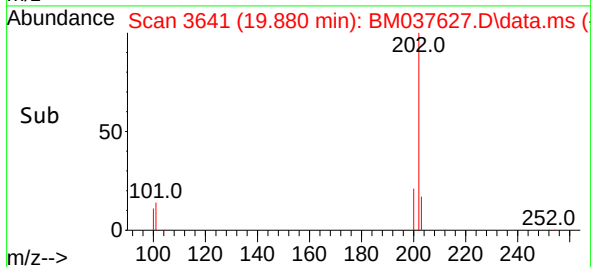
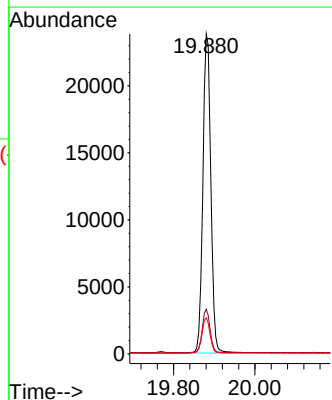
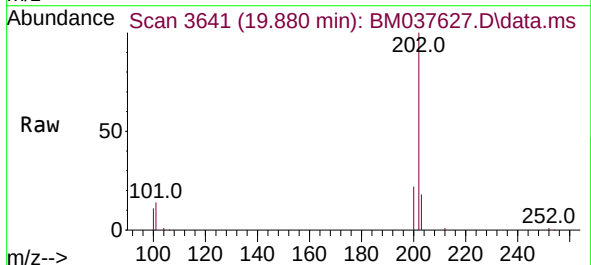
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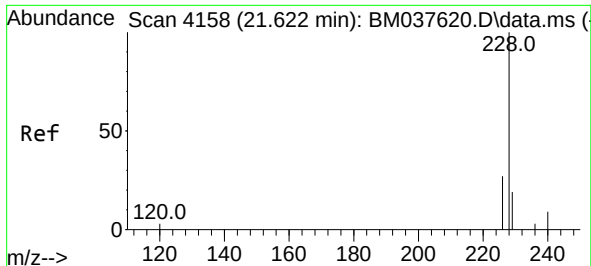
Tgt Ion:202 Resp: 31476
Ion Ratio Lower Upper
202 100
101 11.4 8.2 12.2
100 8.5 6.1 9.1



#20
Pyrene
Concen: 0.467 ng/ul
RT: 19.880 min Scan# 3641
Delta R.T. -0.003 min
Lab File: BM037627.D
Acq: 22 Nov 2022 01:24

Tgt Ion:202 Resp: 32371
Ion Ratio Lower Upper
202 100
101 13.9 10.1 15.1
100 11.3 8.0 12.0

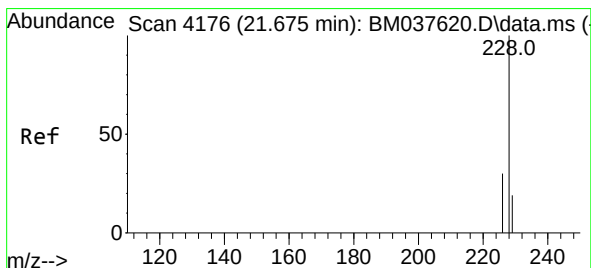
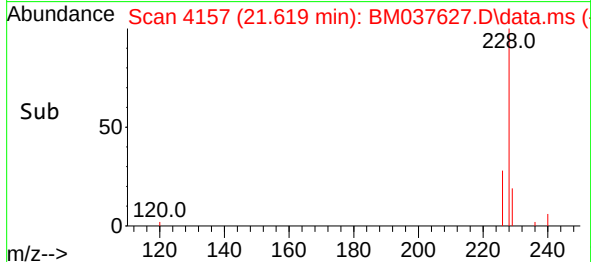
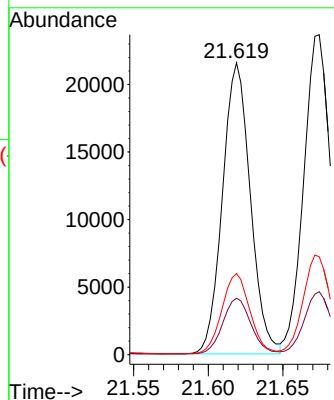
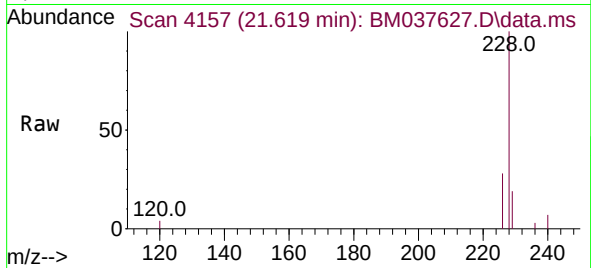




#21
Benzo(a)anthracene
Concen: 0.453 ng/ul
RT: 21.619 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BM037627.D
Acq: 22 Nov 2022 01:24

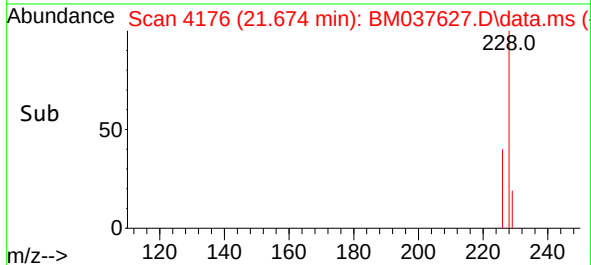
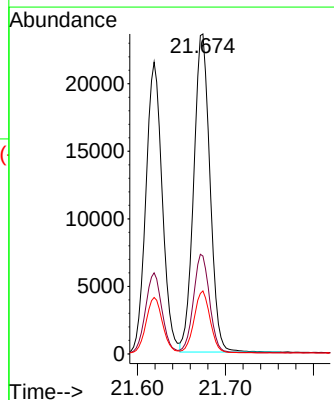
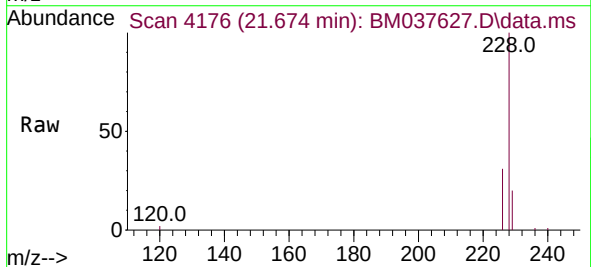
Instrument :
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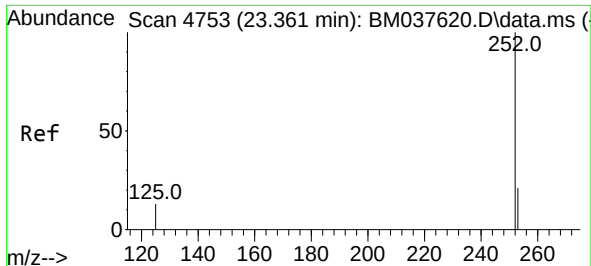
Tgt Ion:228 Resp: 27985
Ion Ratio Lower Upper
228 100
229 19.3 15.7 23.5
226 27.8 22.2 33.2



#22
Chrysene
Concen: 0.491 ng/ul
RT: 21.674 min Scan# 4176
Delta R.T. -0.000 min
Lab File: BM037627.D
Acq: 22 Nov 2022 01:24

Tgt Ion:228 Resp: 30107
Ion Ratio Lower Upper
228 100
226 30.6 24.6 37.0
229 19.7 15.5 23.3

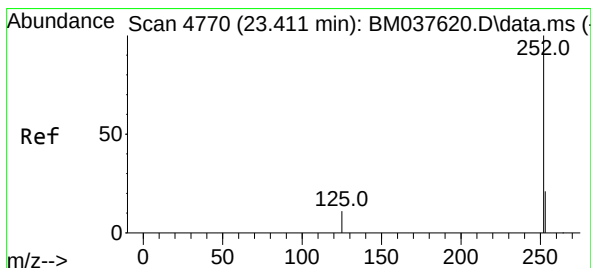
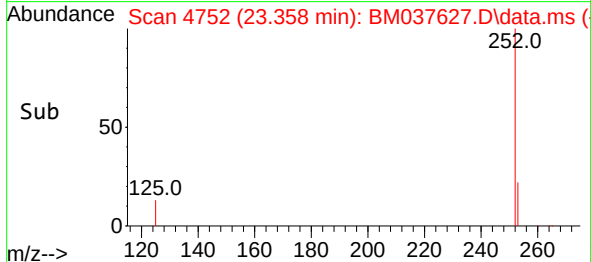
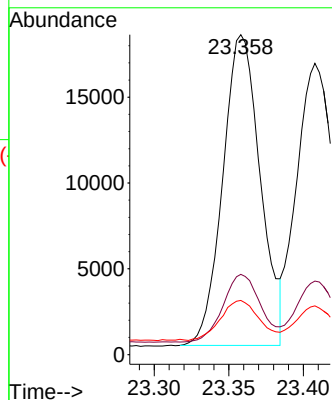
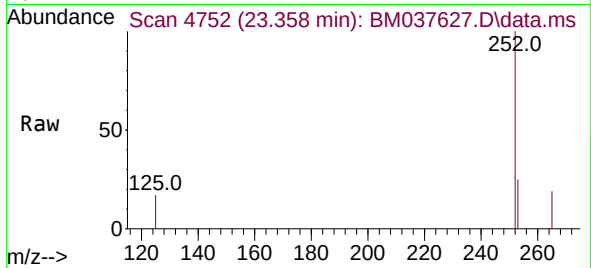




#24
Benzo(b)fluoranthene
Concen: 0.546 ng/ul
RT: 23.358 min Scan# 4753
Delta R.T. -0.003 min
Lab File: BM037627.D
Acq: 22 Nov 2022 01:24

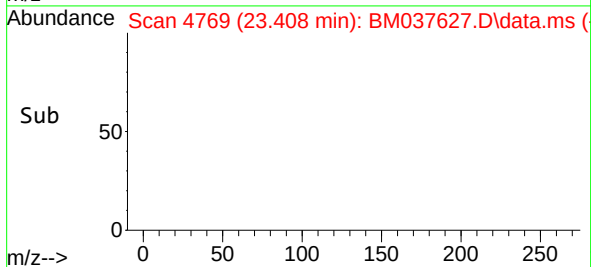
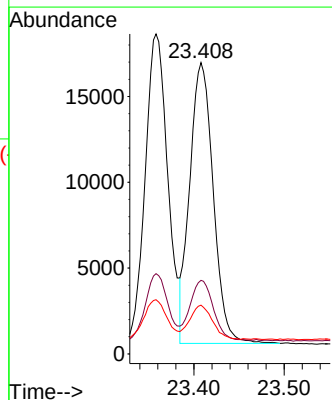
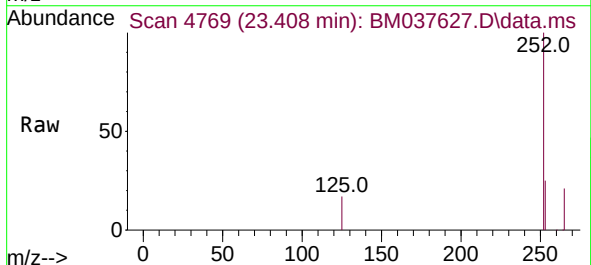
Instrument :
BNA_M
ClientSampleId :
SLCS189

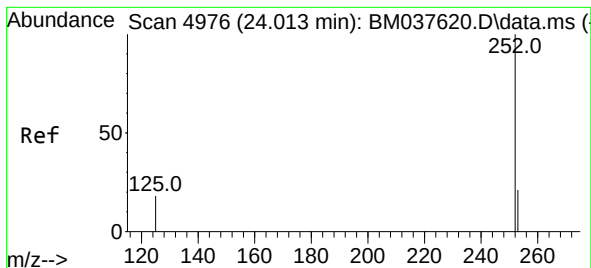
Tgt Ion:252 Resp: 31753
Ion Ratio Lower Upper
252 100
253 25.1 0.0 46.2
125 16.9 0.0 23.4



#25
Benzo(k)fluoranthene
Concen: 0.503 ng/ul
RT: 23.408 min Scan# 4769
Delta R.T. -0.003 min
Lab File: BM037627.D
Acq: 22 Nov 2022 01:24

Tgt Ion:252 Resp: 29563
Ion Ratio Lower Upper
252 100
253 25.2 18.8 28.2
125 16.7 9.8 14.6#





#26

Benzo(a)pyrene

Concen: 0.516 ng/ul

RT: 24.010 min Scan# 4976

Delta R.T. -0.003 min

Lab File: BM037627.D

Acq: 22 Nov 2022 01:24

Instrument :

BNA_M

ClientSampleId :

SLCS189

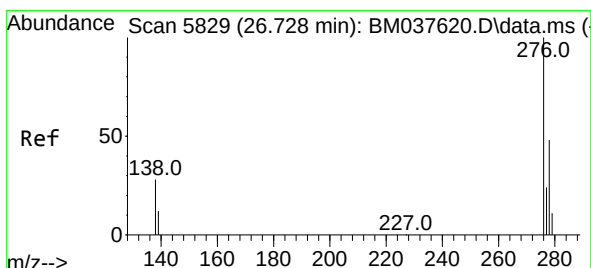
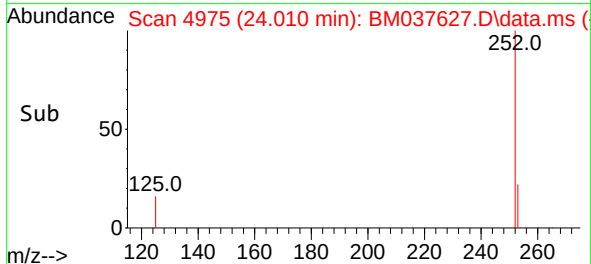
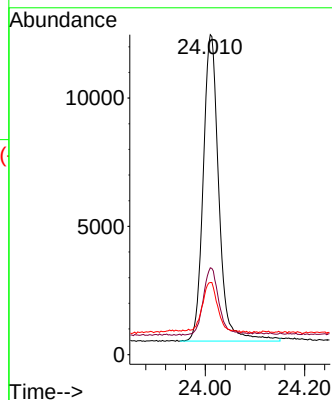
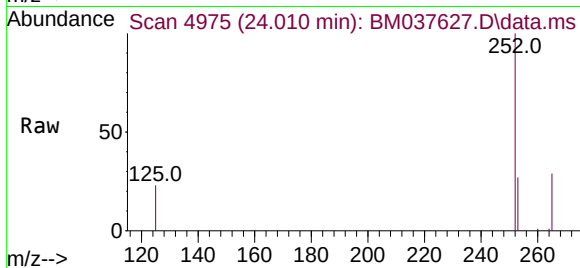
Tgt Ion:252 Resp: 26093

Ion Ratio Lower Upper

252 100

253 27.1 18.8 28.2

125 22.5 10.5 15.7#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.484 ng/ul

RT: 26.725 min Scan# 5828

Delta R.T. -0.004 min

Lab File: BM037627.D

Acq: 22 Nov 2022 01:24

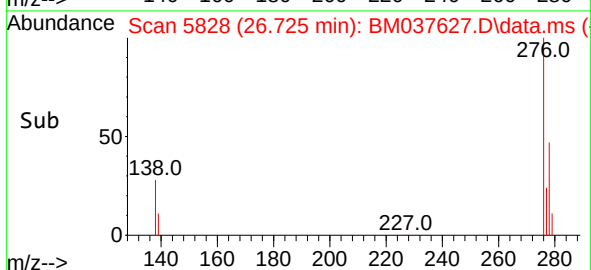
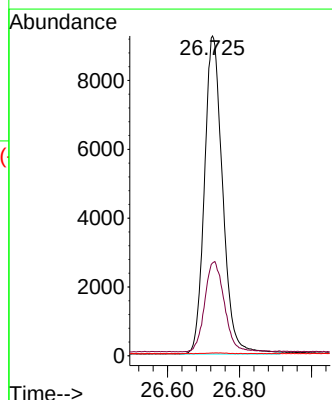
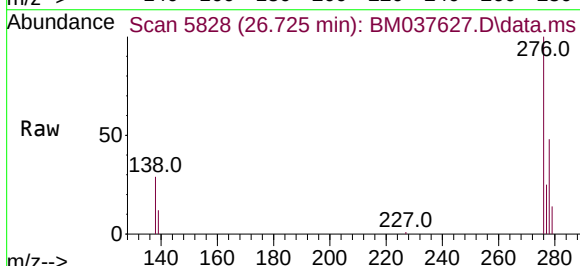
Tgt Ion:276 Resp: 32437

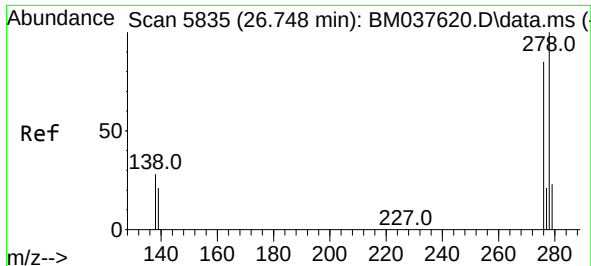
Ion Ratio Lower Upper

276 100

138 30.5 21.2 31.8

227 0.2 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.479 ng/ul

RT: 26.748 min Scan# 5835

Delta R.T. -0.000 min

Lab File: BM037627.D

Acq: 22 Nov 2022 01:24

Instrument :

BNA_M

ClientSampleId :

SLCS189

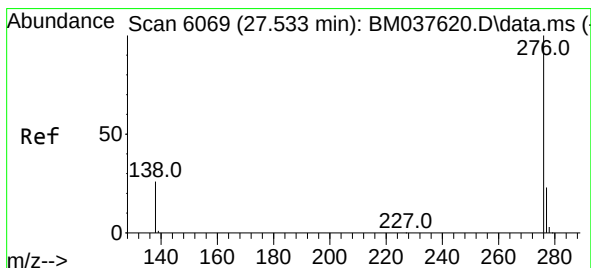
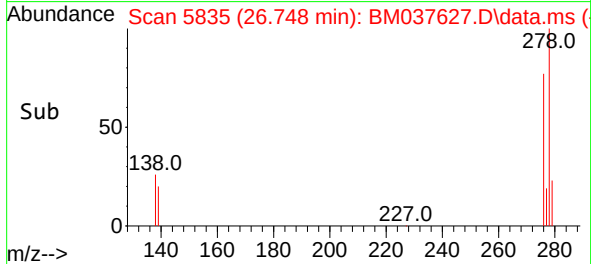
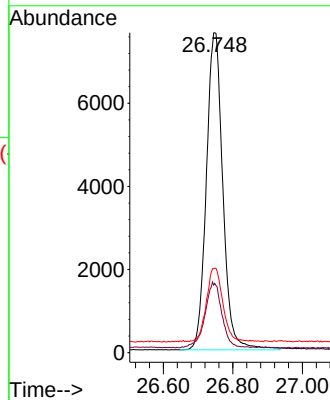
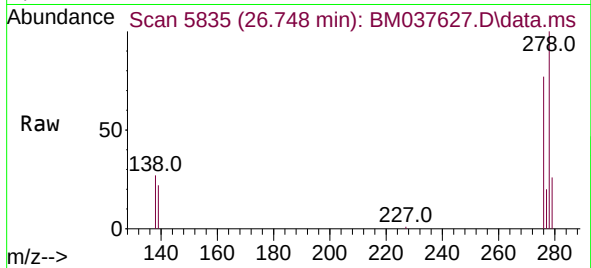
Tgt Ion:278 Resp: 25208

Ion Ratio Lower Upper

278 100

139 21.6 15.2 22.8

279 26.4 20.2 30.2



#29

Benzo(g,h,i)perylene

Concen: 0.474 ng/ul

RT: 27.529 min Scan# 6068

Delta R.T. -0.004 min

Lab File: BM037627.D

Acq: 22 Nov 2022 01:24

Tgt Ion:276 Resp: 26960

Ion Ratio Lower Upper

276 100

138 27.8 19.0 28.4

277 24.6 19.4 29.2

