

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112122\
 Data File : BM037629.D
 Acq On : 22 Nov 2022 02:36
 Operator : CG/JU
 Sample : PB149196BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS196

Quant Time: Nov 22 03:50:11 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

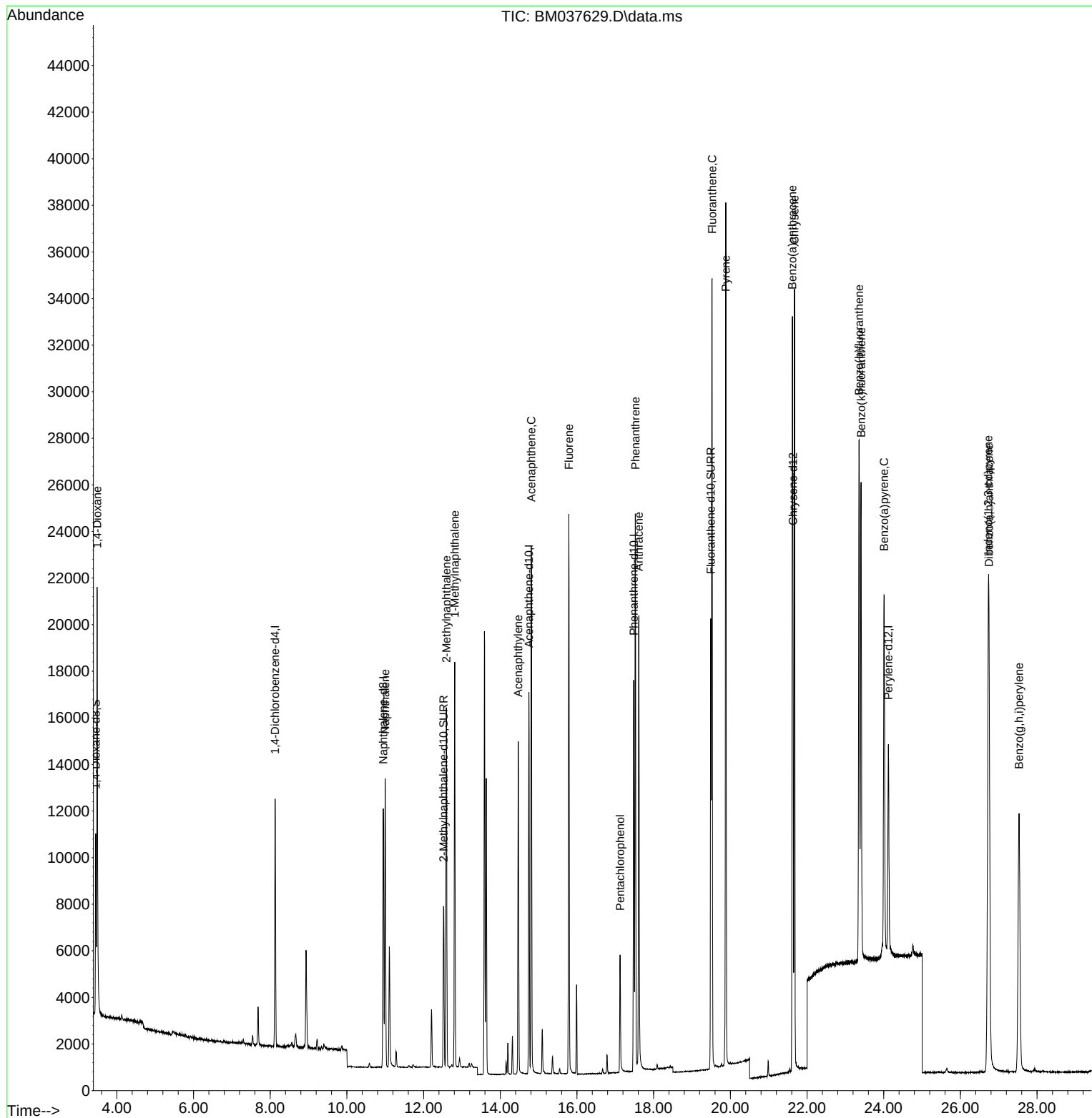
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	8.129	152	5198	0.400 ng/ul	0.00
4) Naphthalene-d8	10.947	136	14373	0.400 ng/ul	0.00
9) Acenaphthene-d10	14.747	164	8403	0.400 ng/ul	0.00
13) Phenanthrene-d10	17.479	188	19081	0.400 ng/ul	0.00
17) Chrysene-d12	21.633	240	14020	0.400 ng/ul	# 0.00
23) Perylene-d12	24.121	264	12812	0.400 ng/ul	# 0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.450	96	5006	0.828 ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.520	152	8722	0.366 ng/ul	0.00
18) Fluoranthene-d10	19.490	212	19265	0.416 ng/ul	0.00
Target Compounds					
					Qvalue
2) 1,4-Dioxane	3.488	88	11941	1.898 ng/ul#	51
5) Naphthalene	10.997	128	16595	0.380 ng/ul	98
7) 2-Methylnaphthalene	12.592	142	10524	0.354 ng/ul	100
8) 1-Methylnaphthalene	12.812	142	11273	0.371 ng/ul	100
10) Acenaphthylene	14.470	152	15756	0.338 ng/ul	100
11) Acenaphthene	14.807	153	12673	0.389 ng/ul	99
12) Fluorene	15.788	166	14916	0.380 ng/ul	100
14) Pentachlorophenol	17.124	266	3489	0.815 ng/ul	99
15) Phenanthrene	17.521	178	25307	0.388 ng/ul	100
16) Anthracene	17.614	178	22003	0.350 ng/ul	99
19) Fluoranthene	19.522	202	29422	0.435 ng/ul	98
20) Pyrene	19.880	202	30197	0.429 ng/ul	96
21) Benzo(a)anthracene	21.616	228	25968	0.414 ng/ul	99
22) Chrysene	21.671	228	28107	0.452 ng/ul	99
24) Benzo(b)fluoranthene	23.358	252	29381	0.503 ng/ul	93
25) Benzo(k)fluoranthene	23.408	252	27827	0.472 ng/ul#	93
26) Benzo(a)pyrene	24.010	252	24278	0.478 ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.728	276	30267	0.450 ng/ul#	92
28) Dibenzo(a,h)anthracene	26.745	278	23532	0.445 ng/ul	96
29) Benzo(g,h,i)perylene	27.529	276	25460	0.446 ng/ul	95

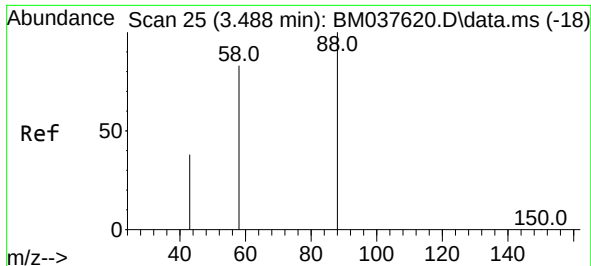
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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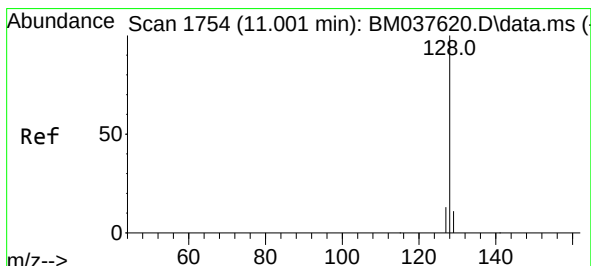
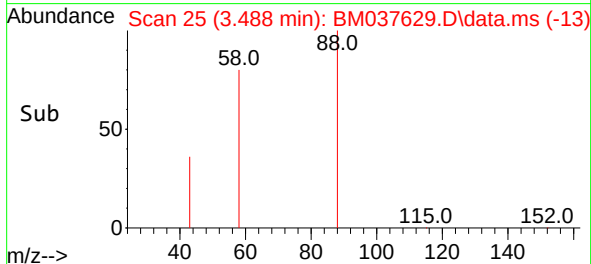
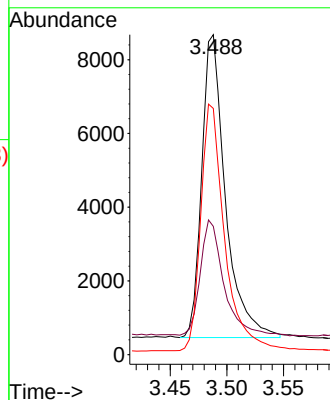
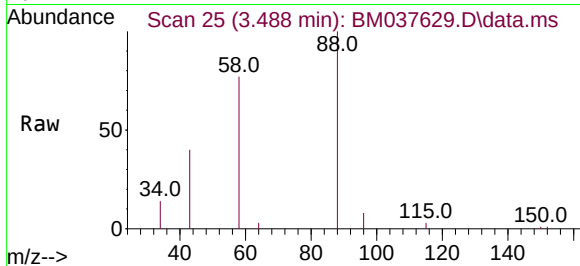




#2
1,4-Dioxane
Concen: 1.898 ng/ul
RT: 3.488 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM037629.D
Acq: 22 Nov 2022 02:36

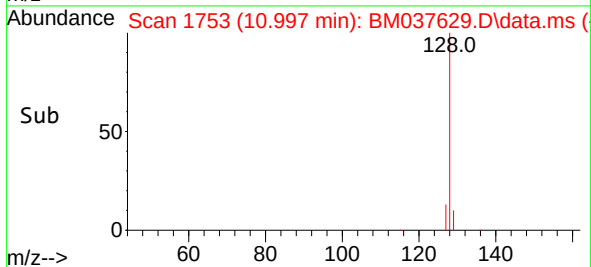
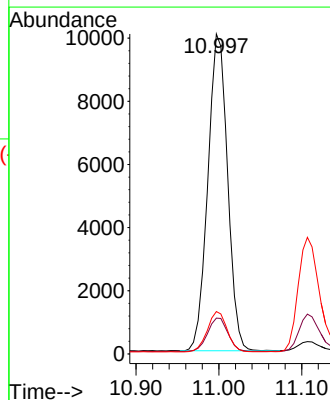
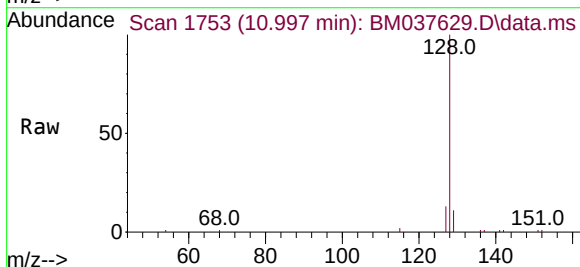
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BNA_M
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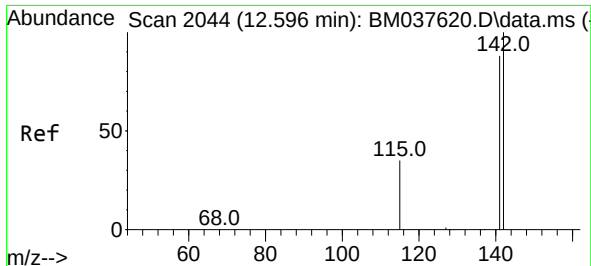
Tgt Ion: 88 Resp: 11941
Ion Ratio Lower Upper
88 100
43 40.1 102.8 154.2#
58 76.9 67.3 100.9



#5
Naphthalene
Concen: 0.380 ng/ul
RT: 10.997 min Scan# 1753
Delta R.T. -0.004 min
Lab File: BM037629.D
Acq: 22 Nov 2022 02:36

Tgt Ion: 128 Resp: 16595
Ion Ratio Lower Upper
128 100
129 11.2 9.8 14.8
127 13.2 11.0 16.4

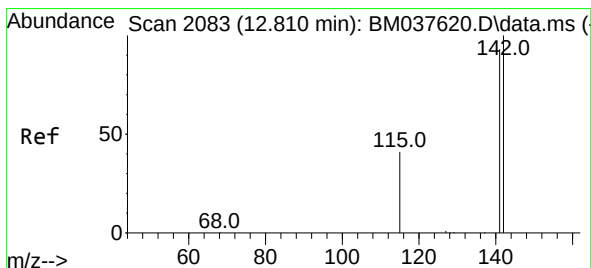
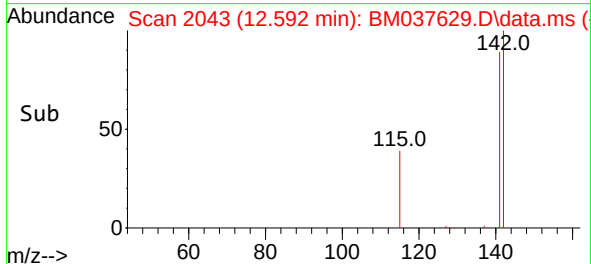
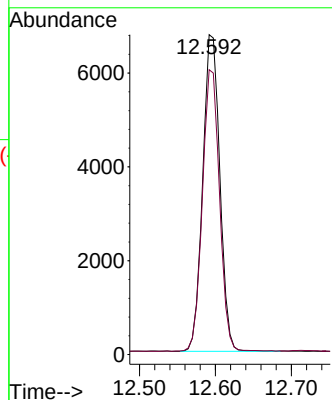
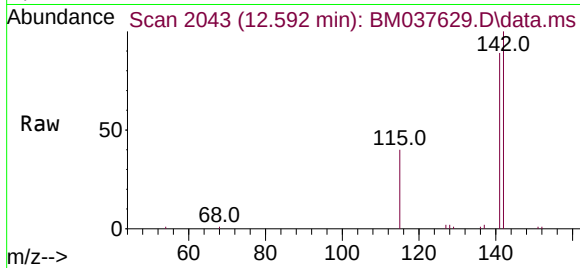




#7
2-Methylnaphthalene
Concen: 0.354 ng/ul
RT: 12.592 min Scan# 2044
Delta R.T. -0.004 min
Lab File: BM037629.D
Acq: 22 Nov 2022 02:36

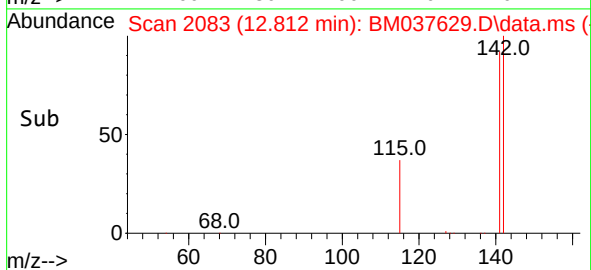
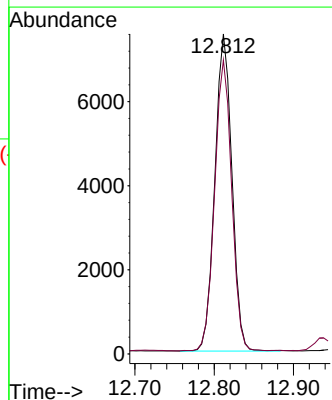
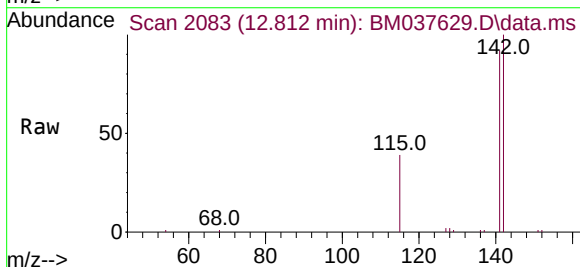
Instrument :
BNA_M
ClientSampleId :
SLCS196

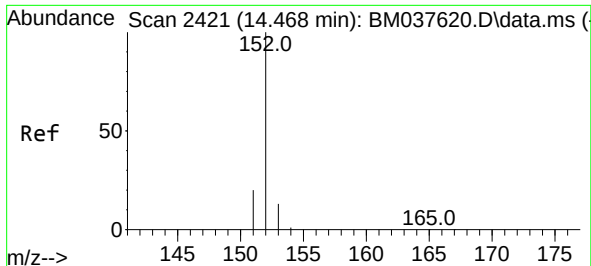
Tgt Ion:142 Resp: 10524
Ion Ratio Lower Upper
142 100
141 89.0 71.0 106.4



#8
1-Methylnaphthalene
Concen: 0.371 ng/ul
RT: 12.812 min Scan# 2083
Delta R.T. 0.001 min
Lab File: BM037629.D
Acq: 22 Nov 2022 02:36

Tgt Ion:142 Resp: 11273
Ion Ratio Lower Upper
142 100
141 92.1 73.4 110.0

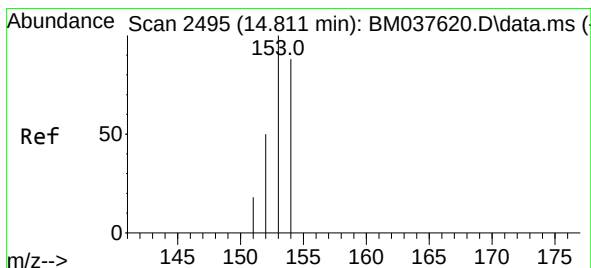
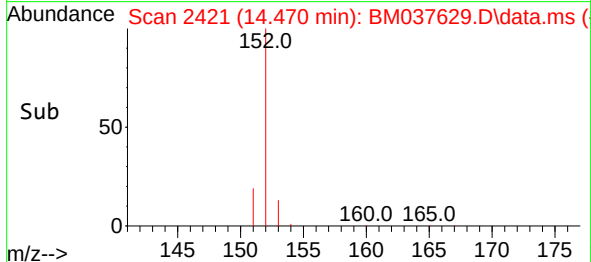
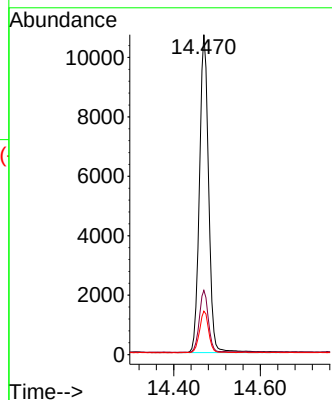
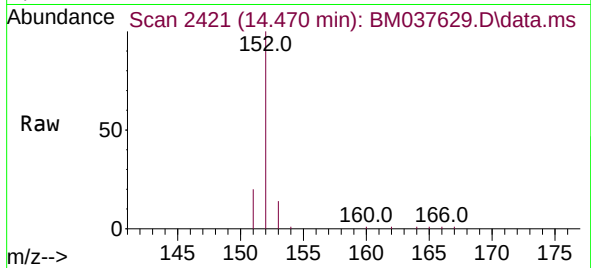




#10
Acenaphthylene
Concen: 0.338 ng/ul
RT: 14.470 min Scan# 2421
Delta R.T. 0.001 min
Lab File: BM037629.D
Acq: 22 Nov 2022 02:36

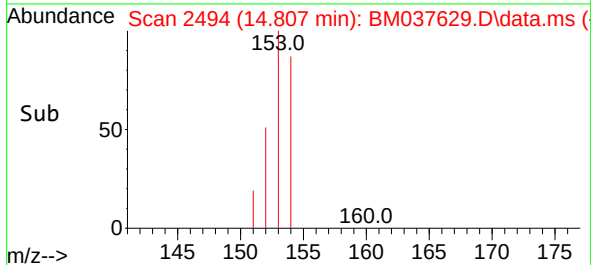
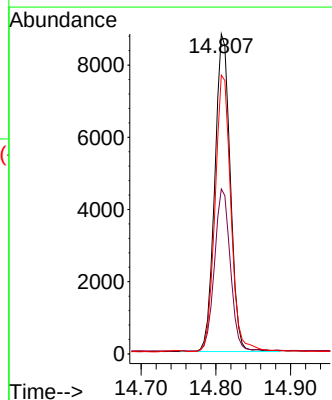
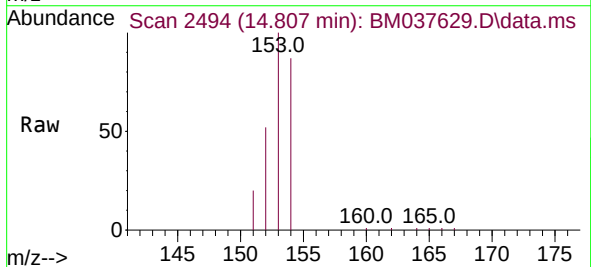
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ClientSampleId :
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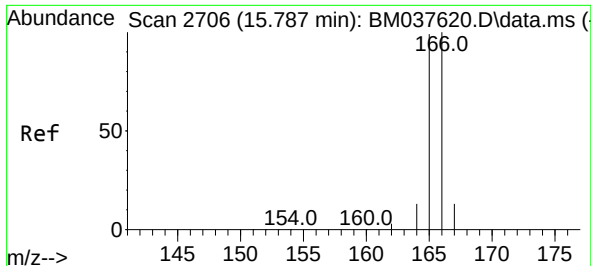
Tgt Ion:152 Resp: 15756
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.6 11.0 16.4



#11
Acenaphthene
Concen: 0.389 ng/ul
RT: 14.807 min Scan# 2494
Delta R.T. -0.003 min
Lab File: BM037629.D
Acq: 22 Nov 2022 02:36

Tgt Ion:153 Resp: 12673
Ion Ratio Lower Upper
153 100
152 51.5 39.4 59.0
154 87.1 69.5 104.3

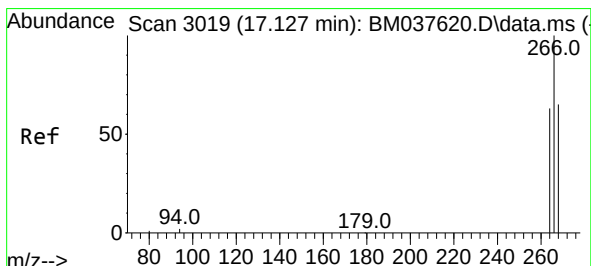
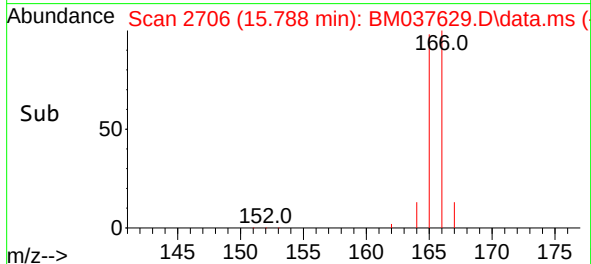
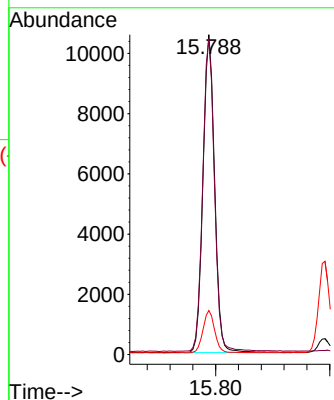
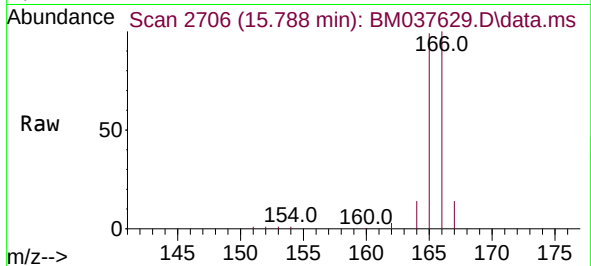




#12
 Fluorene
 Concen: 0.380 ng/ul
 RT: 15.788 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BM037629.D
 Acq: 22 Nov 2022 02:36

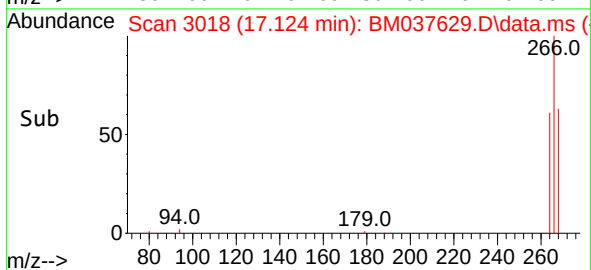
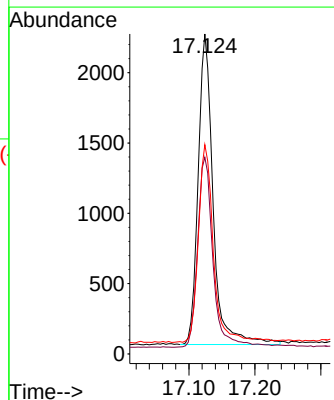
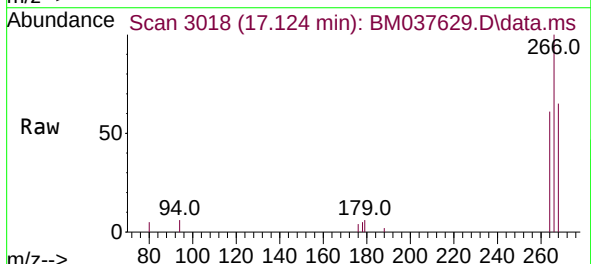
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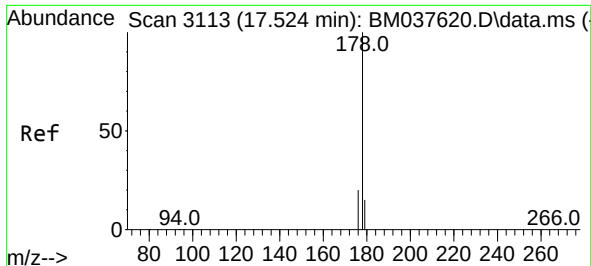
Tgt Ion:166 Resp: 14916
 Ion Ratio Lower Upper
 166 100
 165 98.7 78.7 118.1
 167 13.8 11.3 16.9



#14
 Pentachlorophenol
 Concen: 0.815 ng/ul
 RT: 17.124 min Scan# 3018
 Delta R.T. -0.003 min
 Lab File: BM037629.D
 Acq: 22 Nov 2022 02:36

Tgt Ion:266 Resp: 3489
 Ion Ratio Lower Upper
 266 100
 264 63.1 50.2 75.2
 268 64.1 52.0 78.0

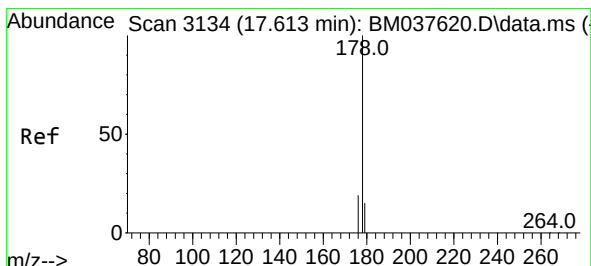
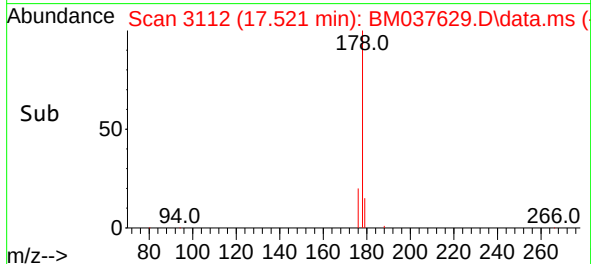
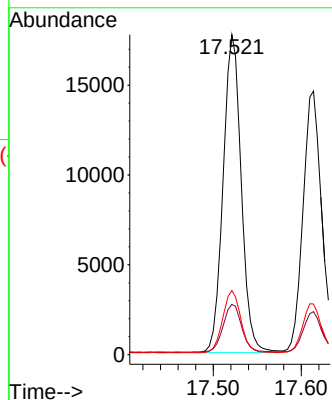
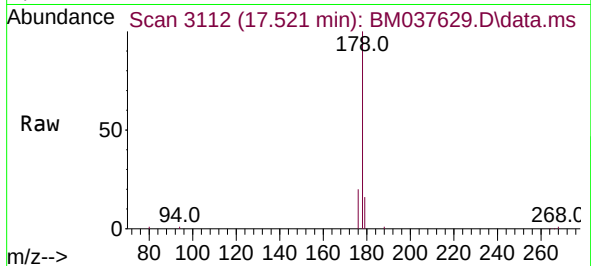




#15
Phenanthrene
Concen: 0.388 ng/ul
RT: 17.521 min Scan# 3113
Delta R.T. -0.003 min
Lab File: BM037629.D
Acq: 22 Nov 2022 02:36

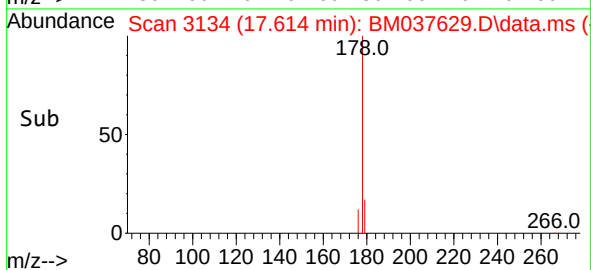
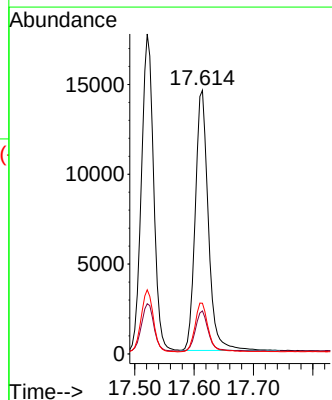
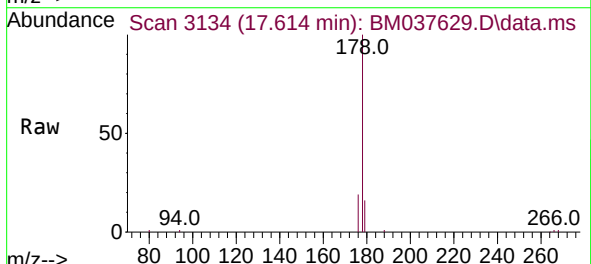
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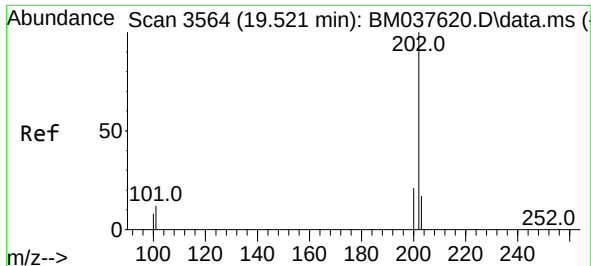
Tgt Ion:178 Resp: 25307
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 20.0 16.0 24.0



#16
Anthracene
Concen: 0.350 ng/ul
RT: 17.614 min Scan# 3134
Delta R.T. 0.001 min
Lab File: BM037629.D
Acq: 22 Nov 2022 02:36

Tgt Ion:178 Resp: 22003
Ion Ratio Lower Upper
178 100
179 16.3 12.8 19.2
176 19.2 15.0 22.6

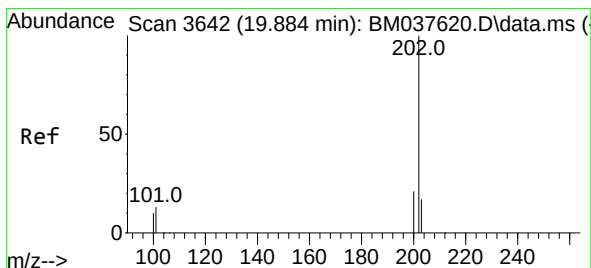
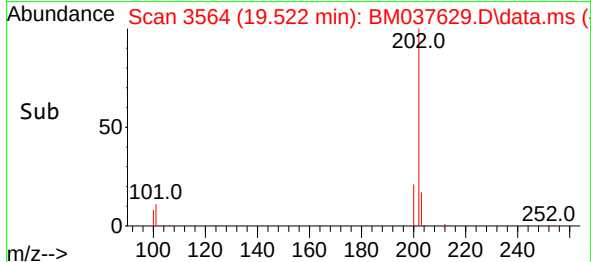
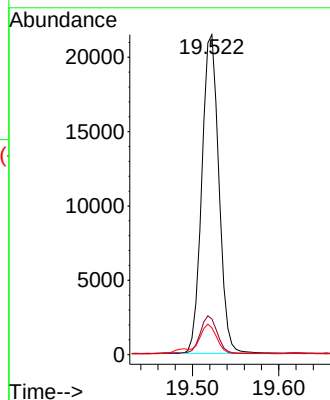
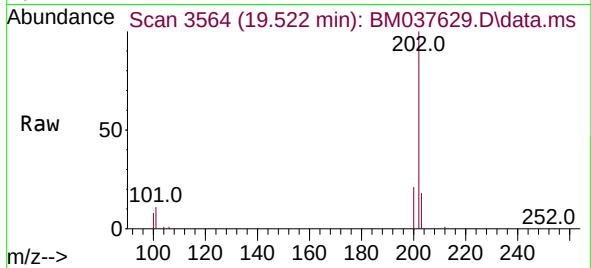




#19
Fluoranthene
Concen: 0.435 ng/ul
RT: 19.522 min Scan# 3564
Delta R.T. 0.001 min
Lab File: BM037629.D
Acq: 22 Nov 2022 02:36

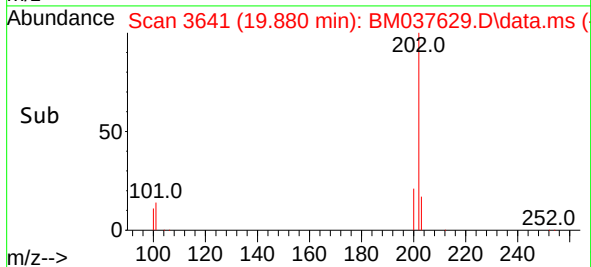
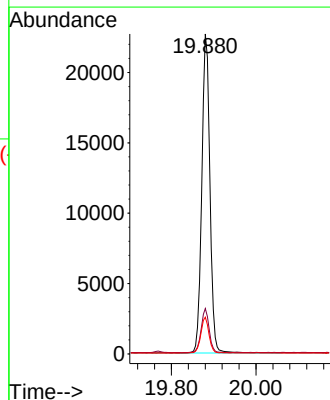
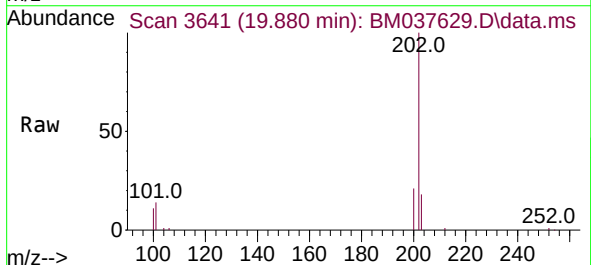
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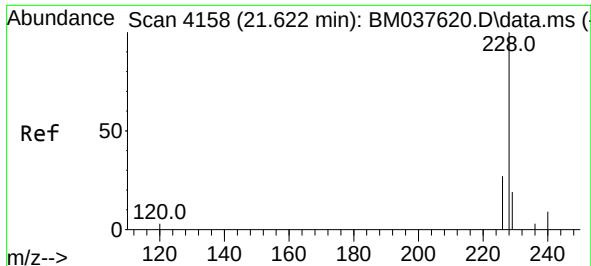
Tgt Ion:202 Resp: 29422
Ion Ratio Lower Upper
202 100
101 11.1 8.2 12.2
100 8.3 6.1 9.1



#20
Pyrene
Concen: 0.429 ng/ul
RT: 19.880 min Scan# 3641
Delta R.T. -0.003 min
Lab File: BM037629.D
Acq: 22 Nov 2022 02:36

Tgt Ion:202 Resp: 30197
Ion Ratio Lower Upper
202 100
101 14.2 10.1 15.1
100 11.5 8.0 12.0

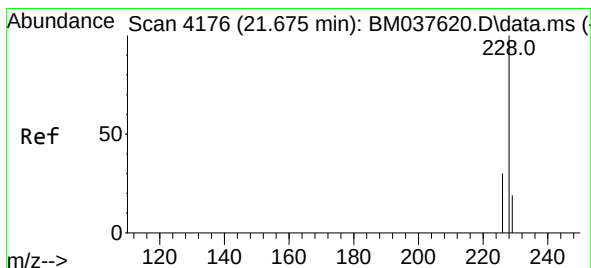
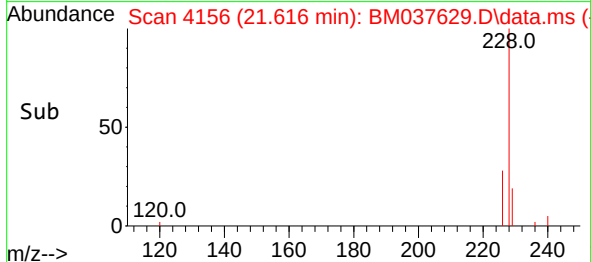
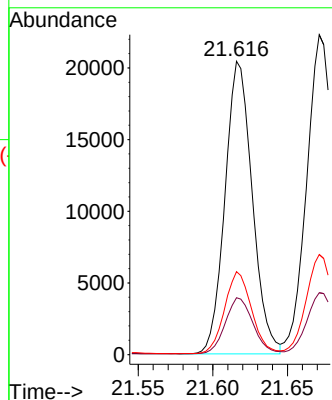
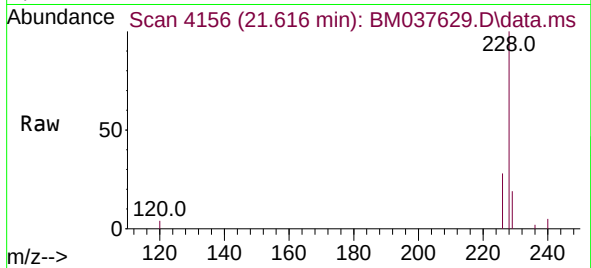




#21
Benzo(a)anthracene
Concen: 0.414 ng/ul
RT: 21.616 min Scan# 4156
Delta R.T. -0.006 min
Lab File: BM037629.D
Acq: 22 Nov 2022 02:36

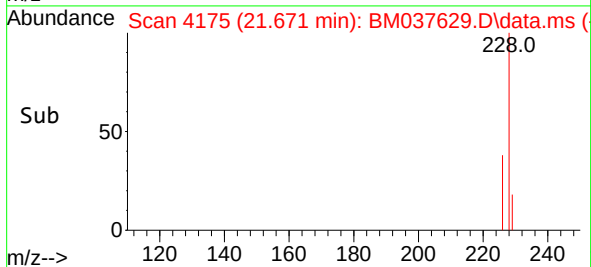
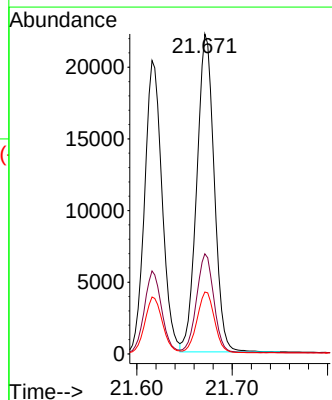
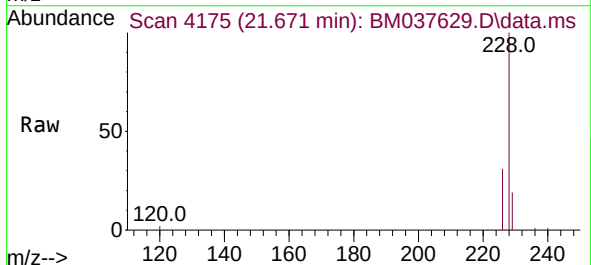
Instrument :
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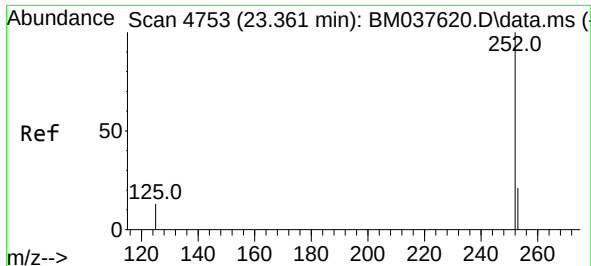
Tgt Ion:228 Resp: 25968
Ion Ratio Lower Upper
228 100
229 19.4 15.7 23.5
226 28.3 22.2 33.2



#22
Chrysene
Concen: 0.452 ng/ul
RT: 21.671 min Scan# 4175
Delta R.T. -0.003 min
Lab File: BM037629.D
Acq: 22 Nov 2022 02:36

Tgt Ion:228 Resp: 28107
Ion Ratio Lower Upper
228 100
226 31.3 24.6 37.0
229 19.3 15.5 23.3

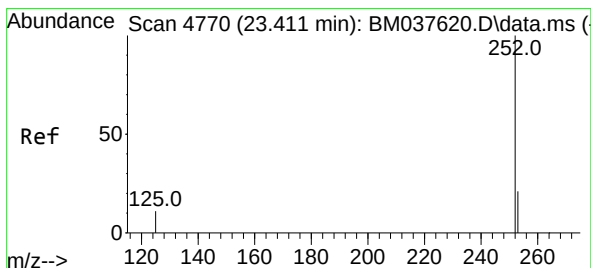
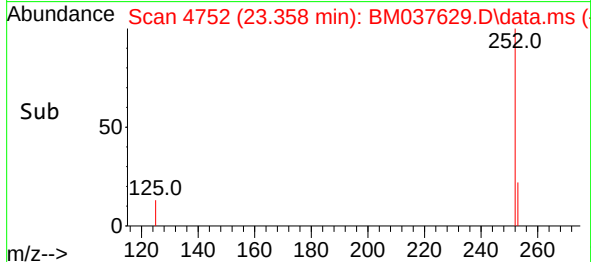
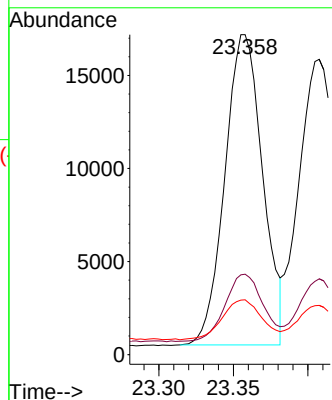
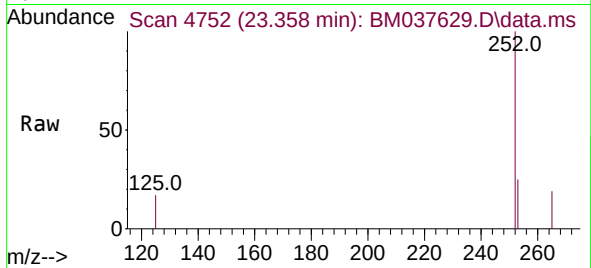




#24
Benzo(b)fluoranthene
Concen: 0.503 ng/ul
RT: 23.358 min Scan# 4752
Delta R.T. -0.003 min
Lab File: BM037629.D
Acq: 22 Nov 2022 02:36

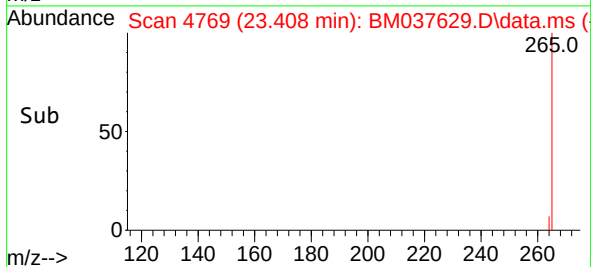
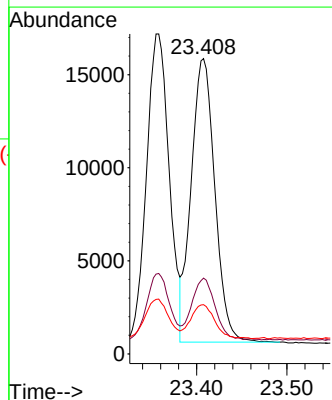
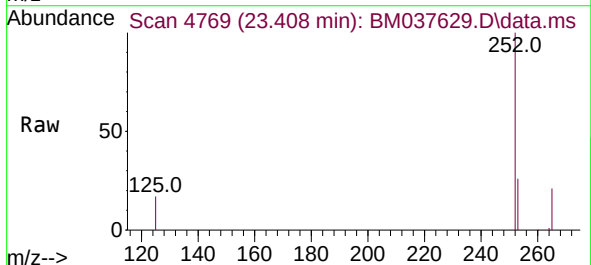
Instrument :
BNA_M
ClientSampleId :
SLCS196

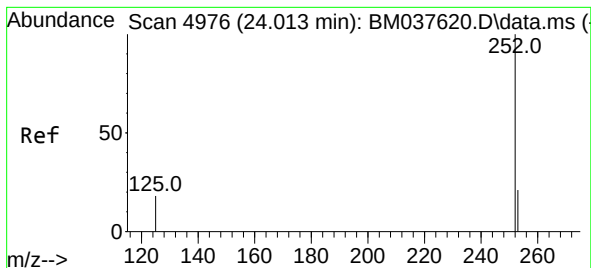
Tgt Ion:252 Resp: 29381
Ion Ratio Lower Upper
252 100
253 25.1 0.0 46.2
125 17.1 0.0 23.4



#25
Benzo(k)fluoranthene
Concen: 0.472 ng/ul
RT: 23.408 min Scan# 4769
Delta R.T. -0.003 min
Lab File: BM037629.D
Acq: 22 Nov 2022 02:36

Tgt Ion:252 Resp: 27827
Ion Ratio Lower Upper
252 100
253 25.6 18.8 28.2
125 16.7 9.8 14.6#





#26

Benzo(a)pyrene

Concen: 0.478 ng/ul

RT: 24.010 min Scan# 4976

Delta R.T. -0.003 min

Lab File: BM037629.D

Acq: 22 Nov 2022 02:36

Instrument :

BNA_M

ClientSampleId :

SLCS196

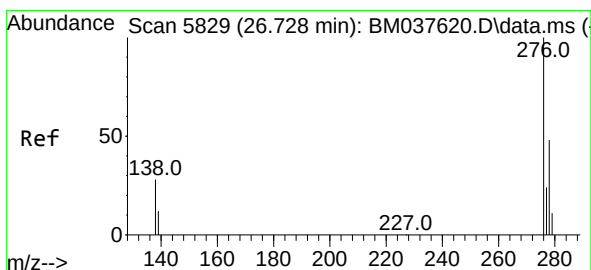
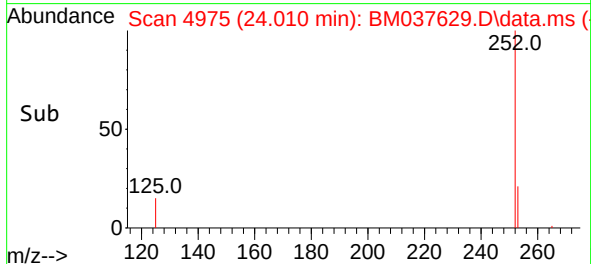
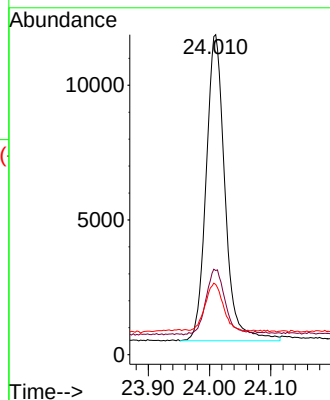
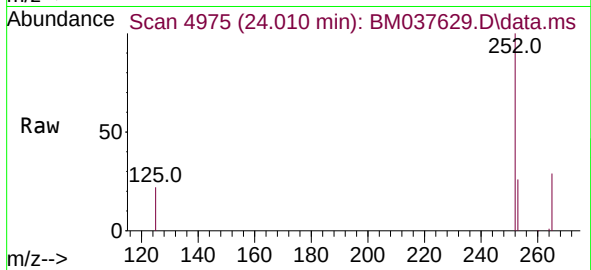
Tgt Ion:252 Resp: 24278

Ion Ratio Lower Upper

252 100

253 26.3 18.8 28.2

125 21.9 10.5 15.7#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.450 ng/ul

RT: 26.728 min Scan# 5829

Delta R.T. -0.000 min

Lab File: BM037629.D

Acq: 22 Nov 2022 02:36

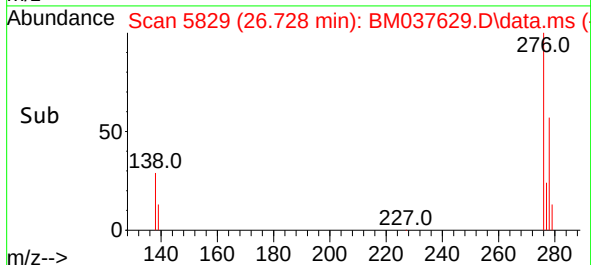
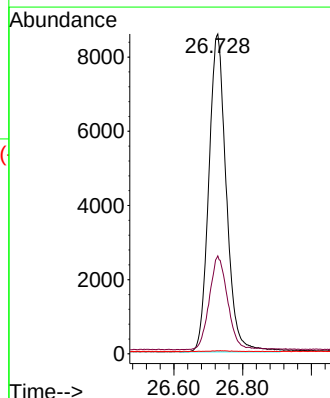
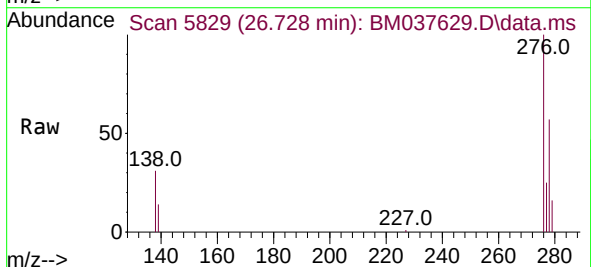
Tgt Ion:276 Resp: 30267

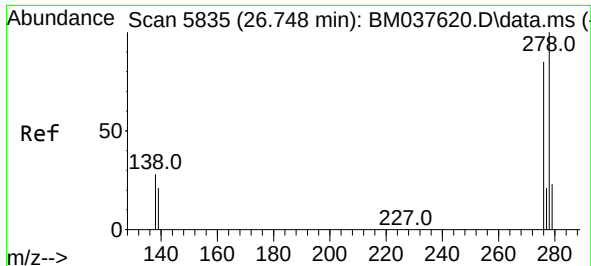
Ion Ratio Lower Upper

276 100

138 30.8 21.2 31.8

227 0.0 0.1 0.1#

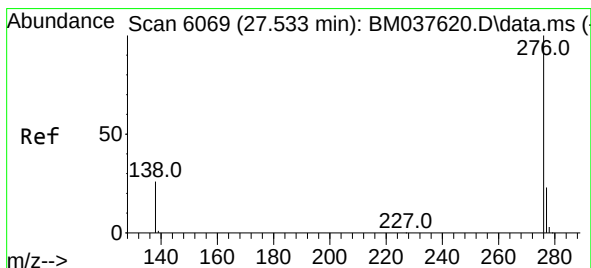
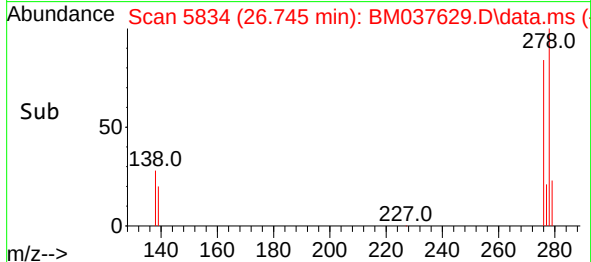
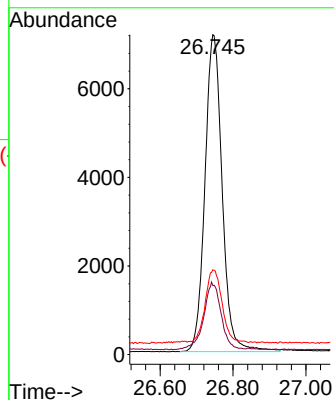
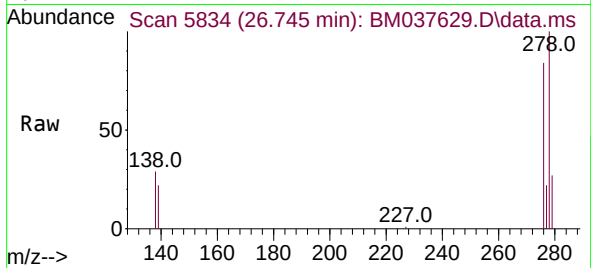




#28
Dibenzo(a,h)anthracene
Concen: 0.445 ng/ul
RT: 26.745 min Scan# 5835
Delta R.T. -0.004 min
Lab File: BM037629.D
Acq: 22 Nov 2022 02:36

Instrument :
BNA_M
ClientSampleId :
SLCS196

Tgt Ion:278 Resp: 23532
Ion Ratio Lower Upper
278 100
139 21.6 15.2 22.8
279 26.5 20.2 30.2



#29
Benzo(g,h,i)perylene
Concen: 0.446 ng/ul
RT: 27.529 min Scan# 6068
Delta R.T. -0.004 min
Lab File: BM037629.D
Acq: 22 Nov 2022 02:36

Tgt Ion:276 Resp: 25460
Ion Ratio Lower Upper
276 100
138 28.3 19.0 28.4
277 24.8 19.4 29.2

