

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036967.D
 Acq On : 12 Oct 2022 04:58
 Operator : CG/JU
 Sample : PB148215BS
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS215

Quant Time: Oct 12 06:15:57 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 09:03:52 2022
 Response via : Initial Calibration

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

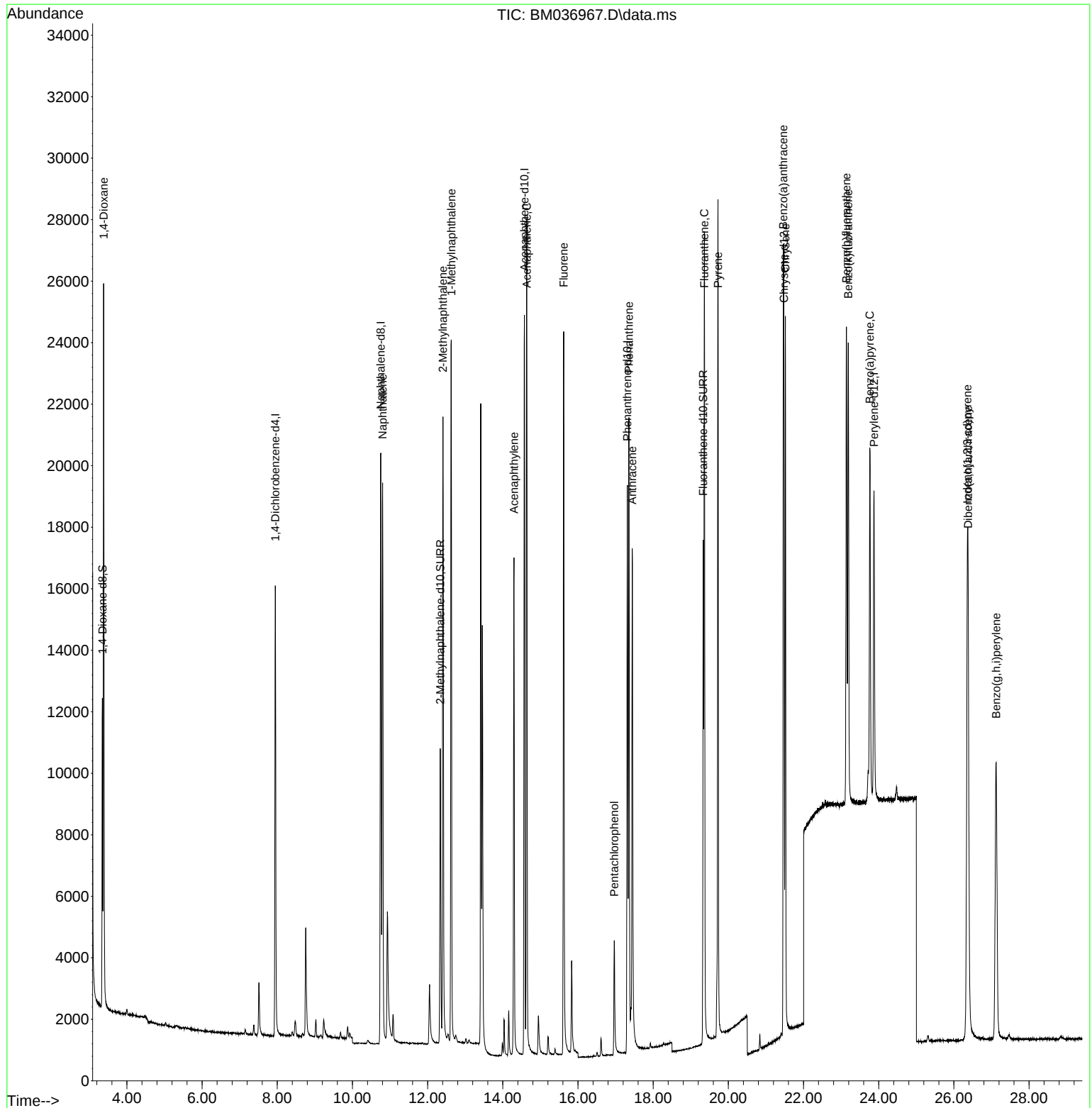
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	7990	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	27401	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.575	164	13692	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	23362	0.400	ng/ul	0.00
17) Chrysene-d12	21.479	240	15806	0.400	ng/ul	0.00
23) Perylene-d12	23.876	264	14379	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	6087	0.540	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.338	152	13625	0.329	ng/ul	0.00
18) Fluoranthene-d10	19.331	212	18024	0.381	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.382	88	14994	1.361	ng/ul#	77
5) Naphthalene	10.803	128	25384	0.324	ng/ul	97
7) 2-Methylnaphthalene	12.409	142	15461	0.323	ng/ul	90
8) 1-Methylnaphthalene	12.629	142	16445	0.338	ng/ul	99
10) Acenaphthylene	14.297	152	19351	0.340	ng/ul	99
11) Acenaphthene	14.635	153	15896	0.322	ng/ul	100
12) Fluorene	15.620	166	16394	0.293	ng/ul	99
14) Pentachlorophenol	16.967	266	3023	0.535	ng/ul	98
15) Phenanthrene	17.355	178	23596	0.316	ng/ul	100
16) Anthracene	17.444	178	20617	0.331	ng/ul	100
19) Fluoranthene	19.363	202	23024	0.366	ng/ul	98
20) Pyrene	19.726	202	23886	0.364	ng/ul	97
21) Benzo(a)anthracene	21.465	228	19726	0.345	ng/ul	99
22) Chrysene	21.517	228	20280	0.331	ng/ul	99
24) Benzo(b)fluoranthene	23.142	252	20614	0.321	ng/ul	96
25) Benzo(k)fluoranthene	23.189	252	19509	0.312	ng/ul	97
26) Benzo(a)pyrene	23.765	252	17678	0.339	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.360	276	24152	0.327	ng/ul	99
28) Dibenzo(a,h)anthracene	26.380	278	19190	0.322	ng/ul	94
29) Benzo(g,h,i)perylene	27.124	276	20627	0.317	ng/ul	99

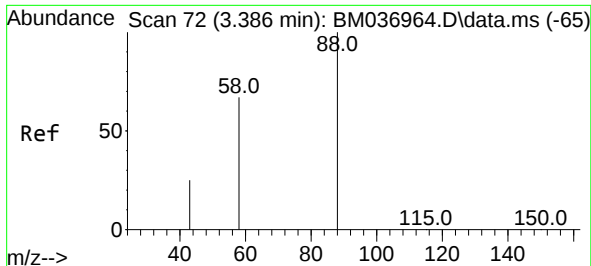
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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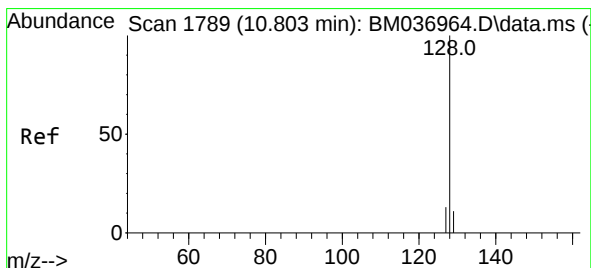
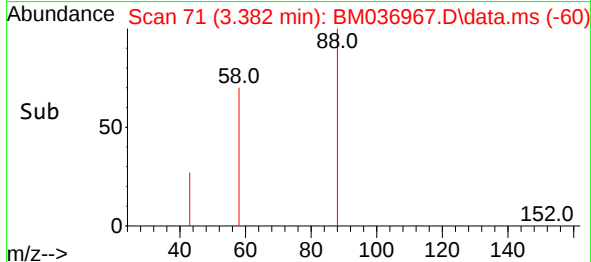
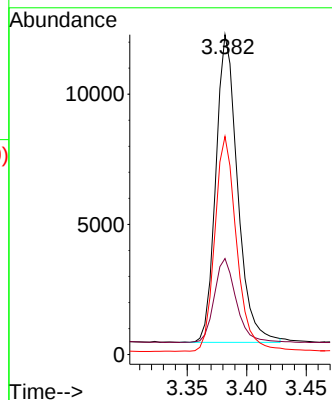
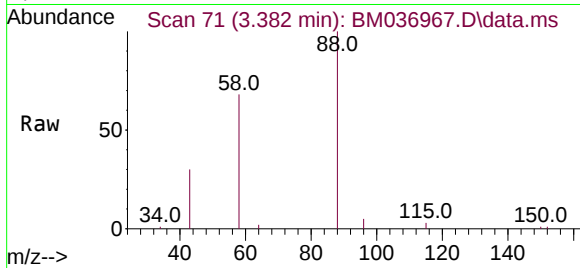




#2
1,4-Dioxane
Concen: 1.361 ng/ul
RT: 3.382 min Scan# 71
Delta R.T. -0.004 min
Lab File: BM036967.D
Acq: 12 Oct 2022 04:58

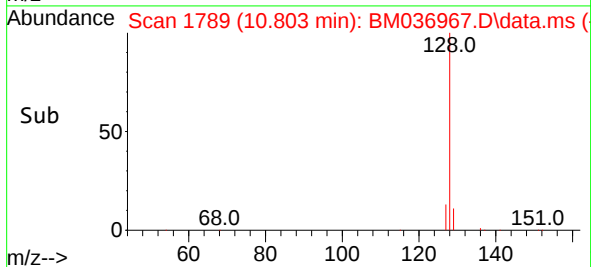
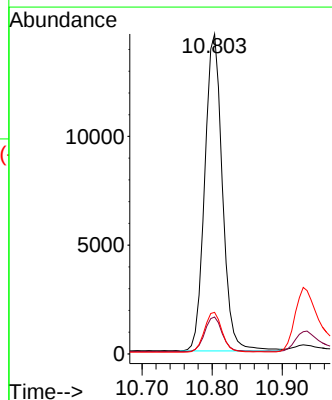
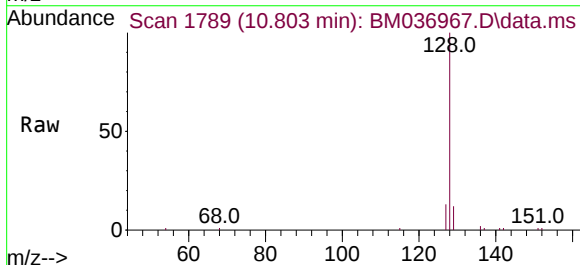
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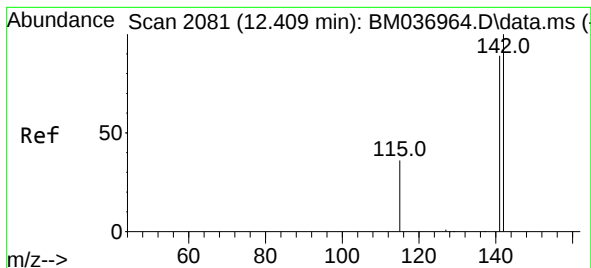
Tgt Ion: 88 Resp: 14994
Ion Ratio Lower Upper
88 100
43 30.0 37.8 56.6#
58 68.2 42.6 63.8#



#5
Naphthalene
Concen: 0.324 ng/ul
RT: 10.803 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BM036967.D
Acq: 12 Oct 2022 04:58

Tgt Ion: 128 Resp: 25384
Ion Ratio Lower Upper
128 100
129 11.5 10.2 15.2
127 13.0 11.7 17.5

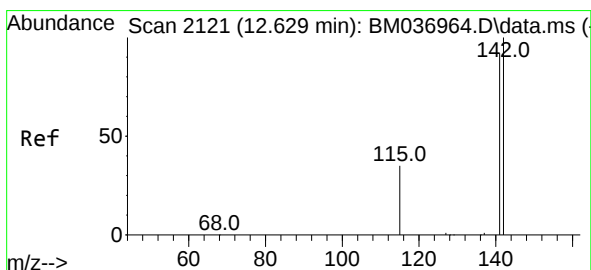
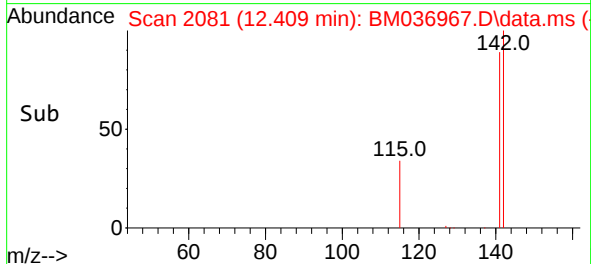
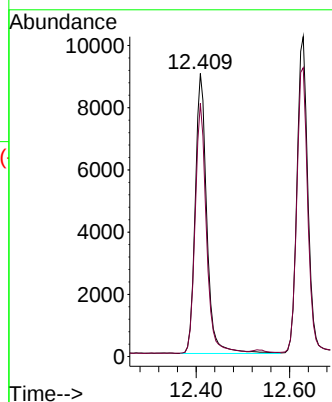
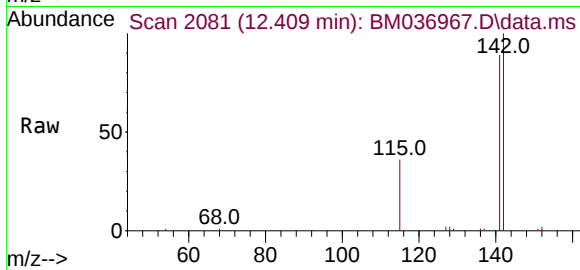




#7
2-Methylnaphthalene
Concen: 0.323 ng/ul
RT: 12.409 min Scan# 2081
Delta R.T. -0.005 min
Lab File: BM036967.D
Acq: 12 Oct 2022 04:58

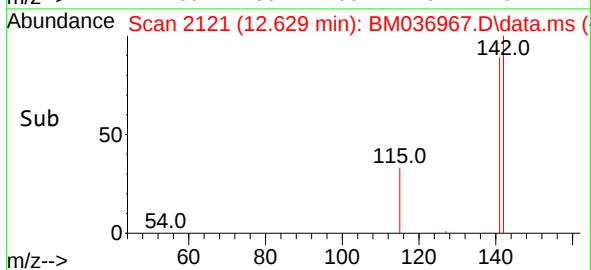
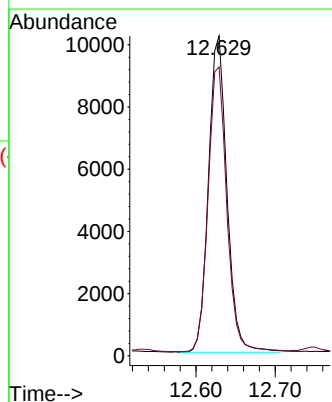
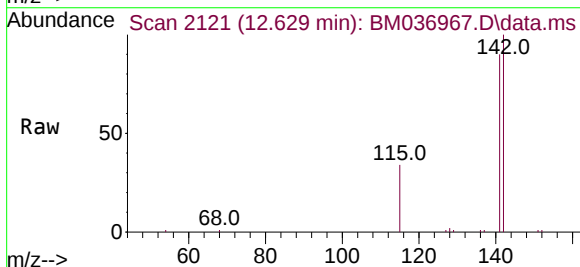
Instrument :
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ClientSampleId :
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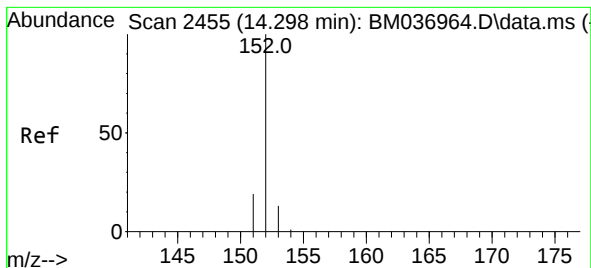
Tgt Ion:142 Resp: 15461
Ion Ratio Lower Upper
142 100
141 87.2 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.338 ng/ul
RT: 12.629 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BM036967.D
Acq: 12 Oct 2022 04:58

Tgt Ion:142 Resp: 16445
Ion Ratio Lower Upper
142 100
141 91.3 74.1 111.1





#10

Acenaphthylene

Concen: 0.340 ng/ul

RT: 14.297 min Scan# 2455

Delta R.T. 0.000 min

Lab File: BM036967.D

Acq: 12 Oct 2022 04:58

Instrument :

BNA_M

ClientSampleId :

SLCS215

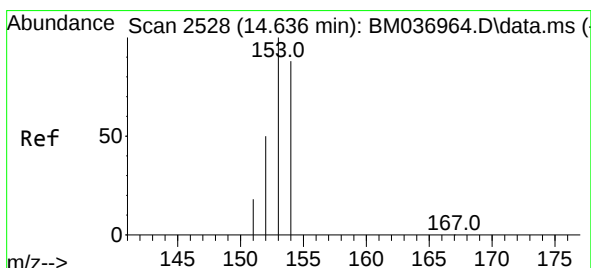
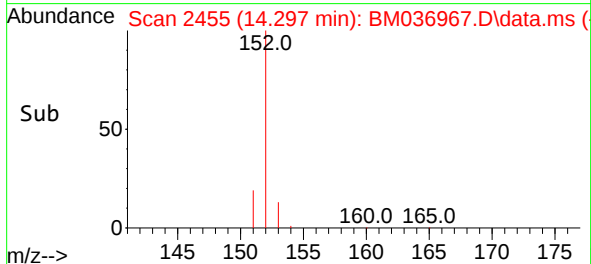
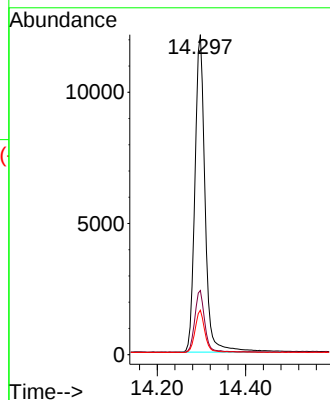
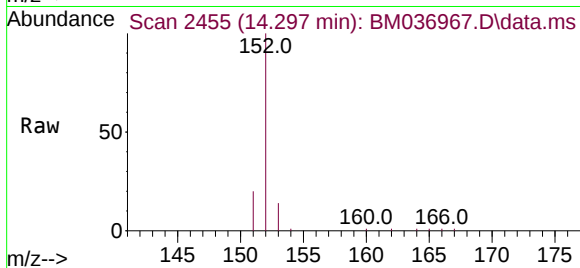
Tgt Ion:152 Resp: 19351

Ion Ratio Lower Upper

152 100

151 20.0 16.6 24.8

153 13.9 11.4 17.0



#11

Acenaphthene

Concen: 0.322 ng/ul

RT: 14.635 min Scan# 2528

Delta R.T. -0.005 min

Lab File: BM036967.D

Acq: 12 Oct 2022 04:58

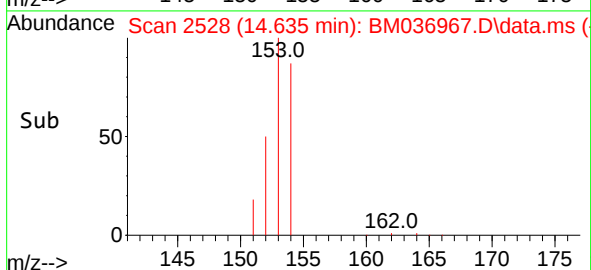
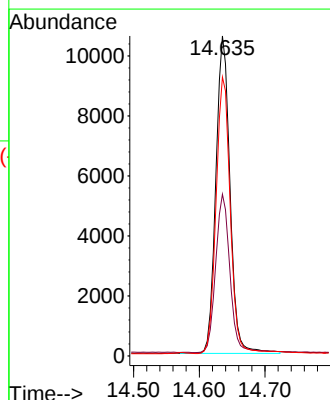
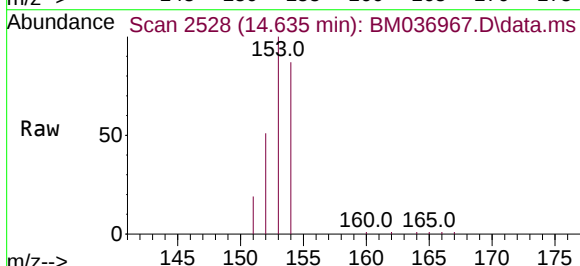
Tgt Ion:153 Resp: 15896

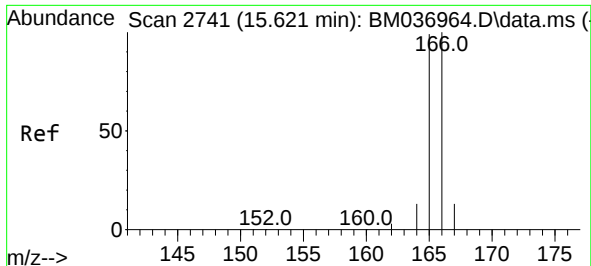
Ion Ratio Lower Upper

153 100

152 50.5 40.2 60.4

154 87.1 69.7 104.5

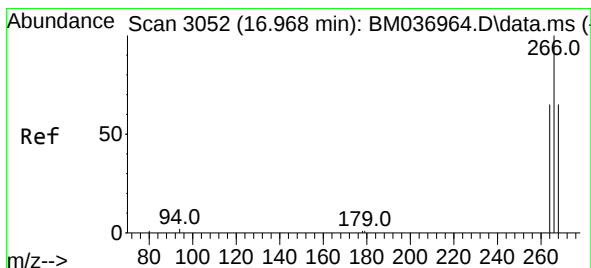
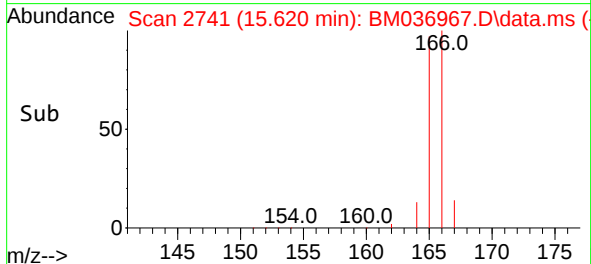
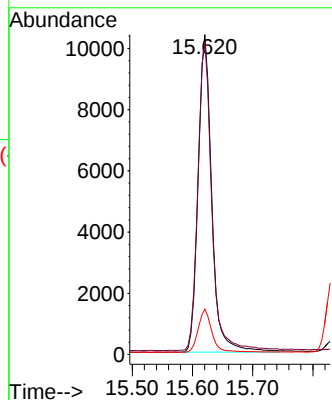
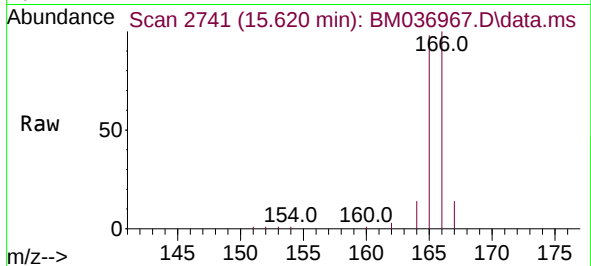




#12
 Fluorene
 Concen: 0.293 ng/ul
 RT: 15.620 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM036967.D
 Acq: 12 Oct 2022 04:58

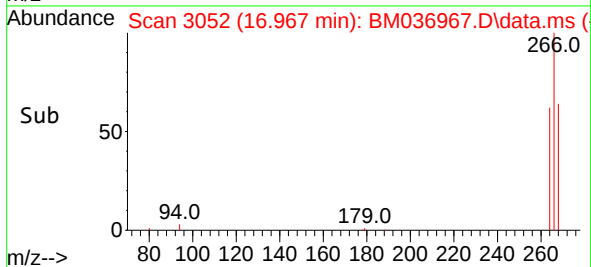
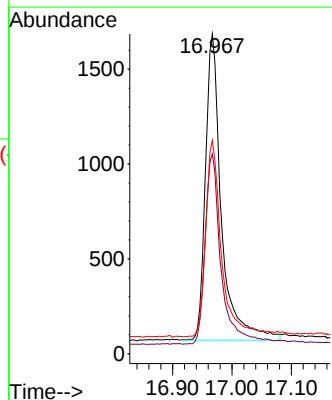
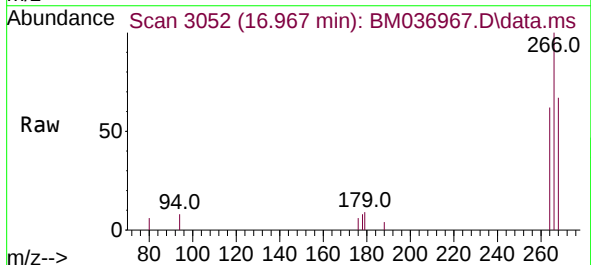
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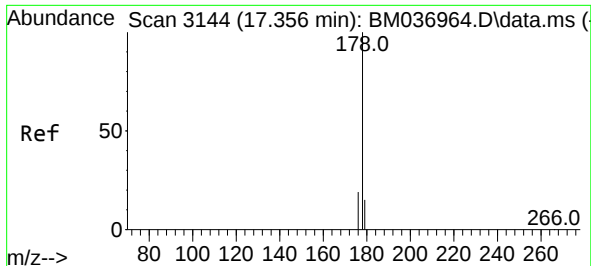
Tgt Ion:166 Resp: 16394
 Ion Ratio Lower Upper
 166 100
 165 97.7 78.9 118.3
 167 14.2 11.3 16.9



#14
 Pentachlorophenol
 Concen: 0.535 ng/ul
 RT: 16.967 min Scan# 3052
 Delta R.T. 0.000 min
 Lab File: BM036967.D
 Acq: 12 Oct 2022 04:58

Tgt Ion:266 Resp: 3023
 Ion Ratio Lower Upper
 266 100
 264 62.3 50.3 75.5
 268 64.4 53.5 80.3

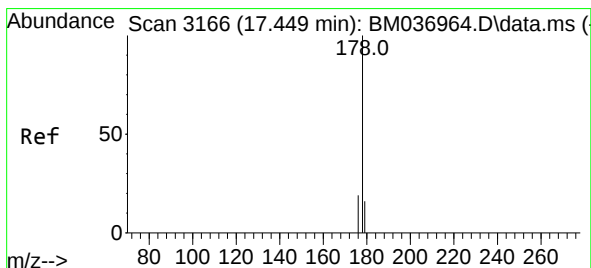
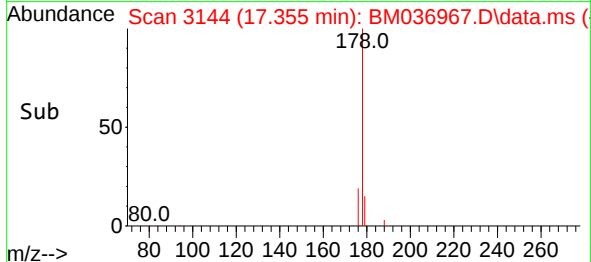
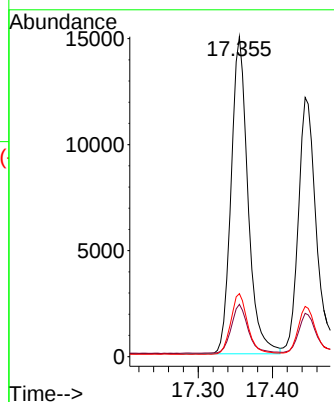
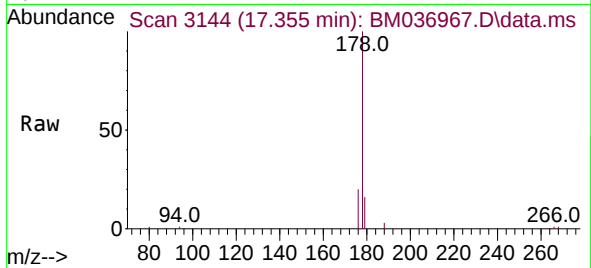




#15
Phenanthrene
Concen: 0.316 ng/ul
RT: 17.355 min Scan# 3144
Delta R.T. 0.000 min
Lab File: BM036967.D
Acq: 12 Oct 2022 04:58

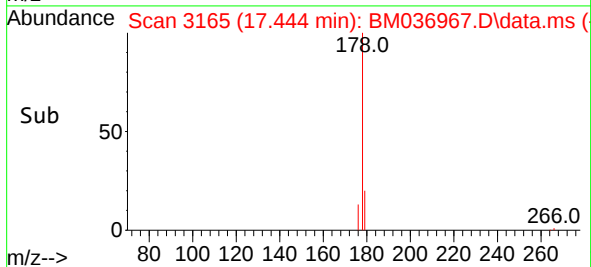
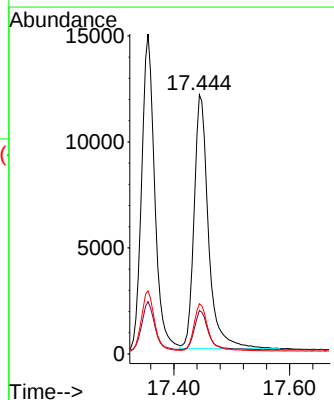
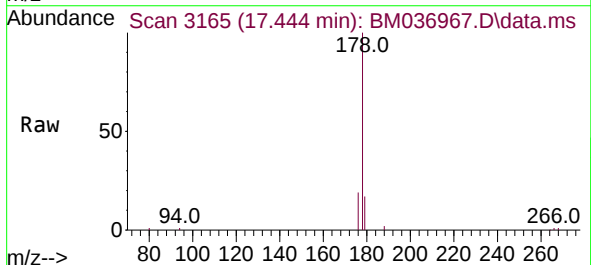
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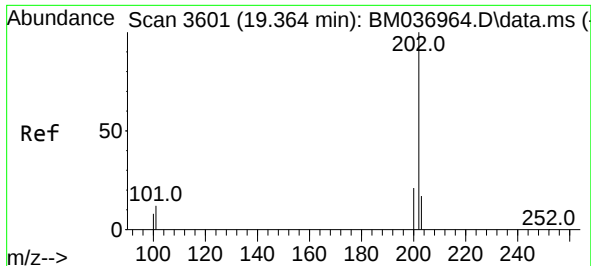
Tgt Ion:178 Resp: 23596
Ion Ratio Lower Upper
178 100
179 16.3 13.0 19.6
176 19.7 15.6 23.4



#16
Anthracene
Concen: 0.331 ng/ul
RT: 17.444 min Scan# 3165
Delta R.T. -0.004 min
Lab File: BM036967.D
Acq: 12 Oct 2022 04:58

Tgt Ion:178 Resp: 20617
Ion Ratio Lower Upper
178 100
179 16.7 13.6 20.4
176 19.4 15.6 23.4

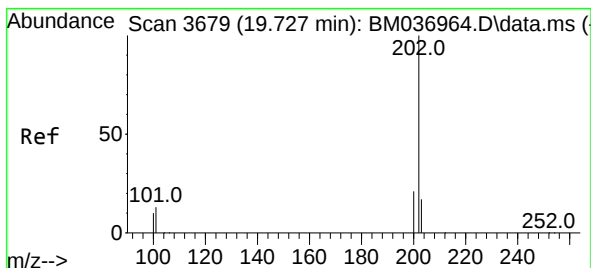
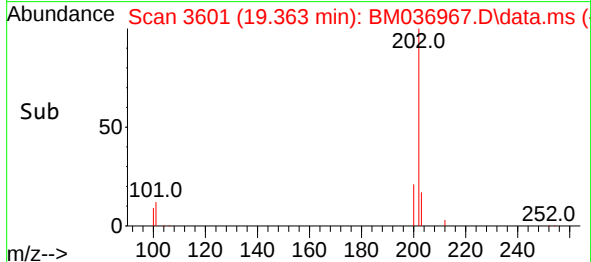
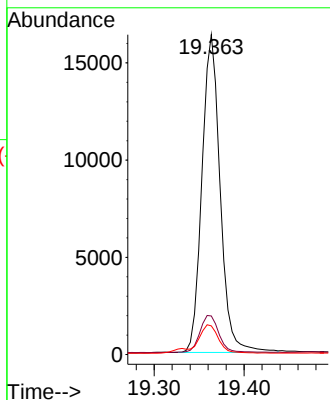
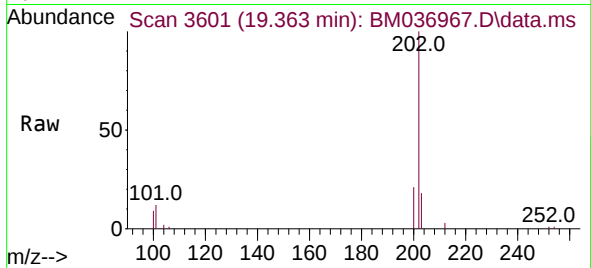




#19
Fluoranthene
Concen: 0.366 ng/ul
RT: 19.363 min Scan# 3601
Delta R.T. 0.000 min
Lab File: BM036967.D
Acq: 12 Oct 2022 04:58

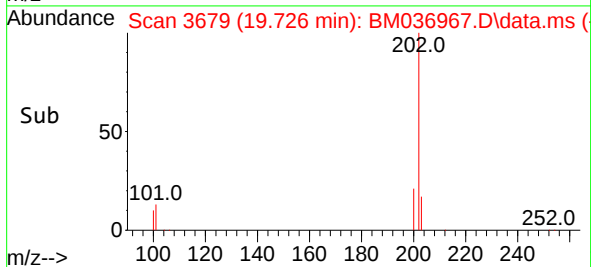
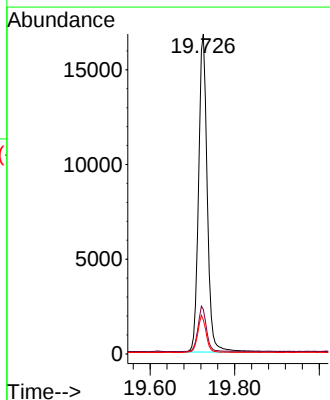
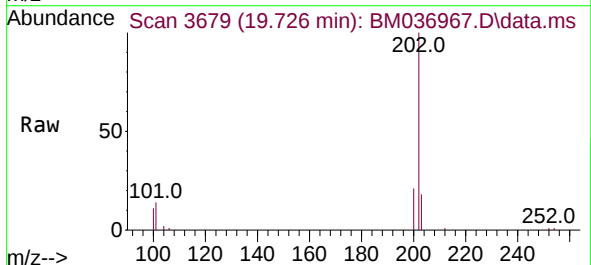
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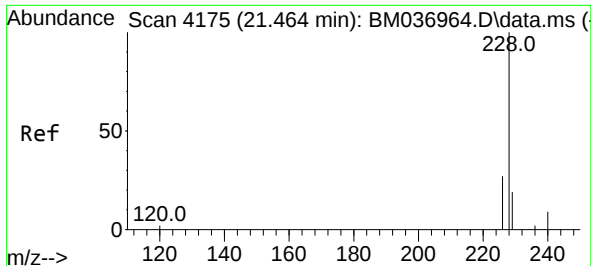
Tgt Ion:202 Resp: 23024
Ion Ratio Lower Upper
202 100
101 12.1 10.1 15.1
100 9.0 7.9 11.9



#20
Pyrene
Concen: 0.364 ng/ul
RT: 19.726 min Scan# 3679
Delta R.T. 0.000 min
Lab File: BM036967.D
Acq: 12 Oct 2022 04:58

Tgt Ion:202 Resp: 23886
Ion Ratio Lower Upper
202 100
101 13.9 12.0 18.0
100 10.6 9.8 14.6

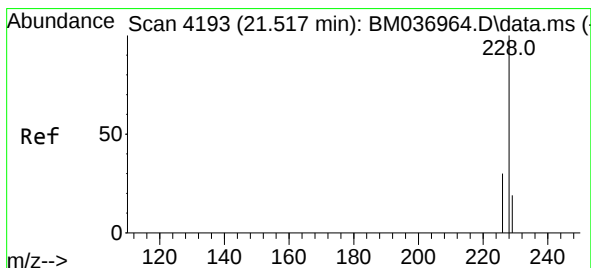
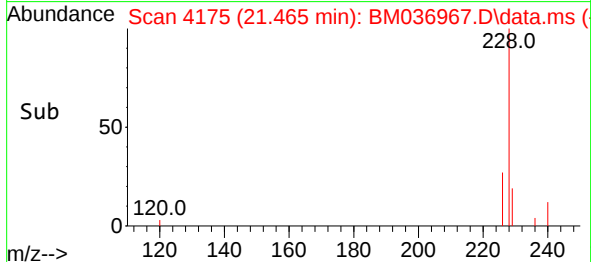
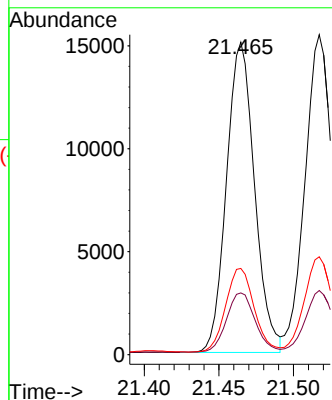
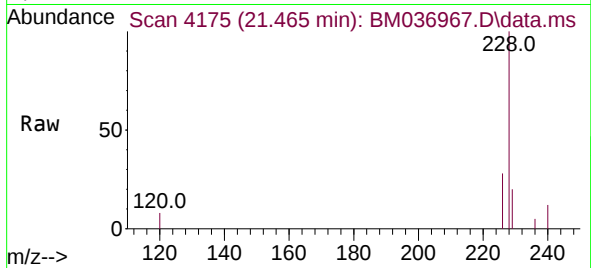




#21
Benzo(a)anthracene
Concen: 0.345 ng/ul
RT: 21.465 min Scan# 4175
Delta R.T. -0.003 min
Lab File: BM036967.D
Acq: 12 Oct 2022 04:58

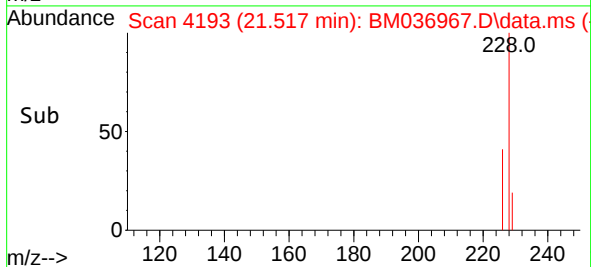
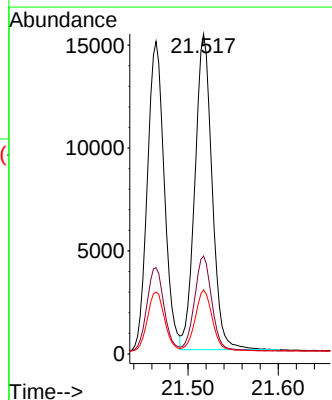
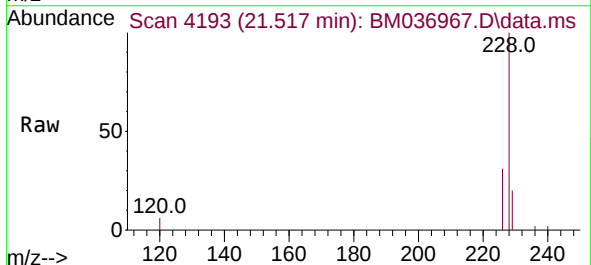
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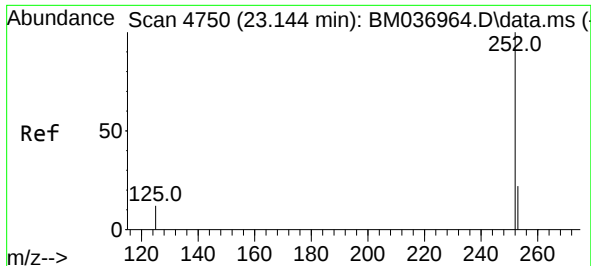
Tgt Ion:228 Resp: 19726
Ion Ratio Lower Upper
228 100
229 19.7 16.2 24.2
226 27.6 22.5 33.7



#22
Chrysene
Concen: 0.331 ng/ul
RT: 21.517 min Scan# 4193
Delta R.T. -0.003 min
Lab File: BM036967.D
Acq: 12 Oct 2022 04:58

Tgt Ion:228 Resp: 20280
Ion Ratio Lower Upper
228 100
226 30.6 24.6 37.0
229 20.1 16.4 24.6

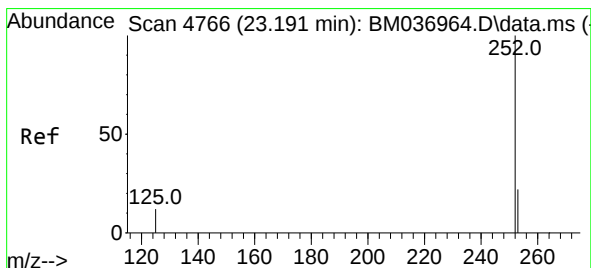
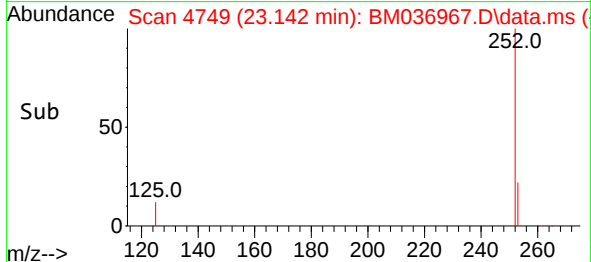
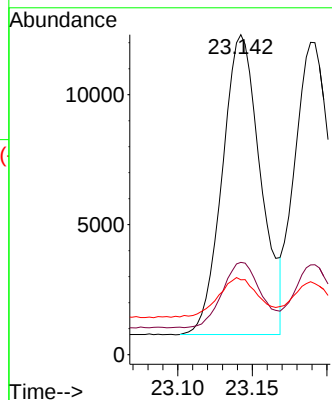
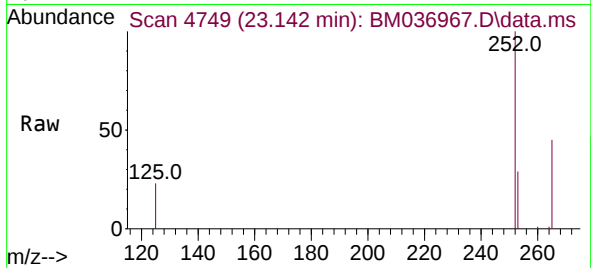




#24
Benzo(b)fluoranthene
Concen: 0.321 ng/ul
RT: 23.142 min Scan# 4750
Delta R.T. -0.003 min
Lab File: BM036967.D
Acq: 12 Oct 2022 04:58

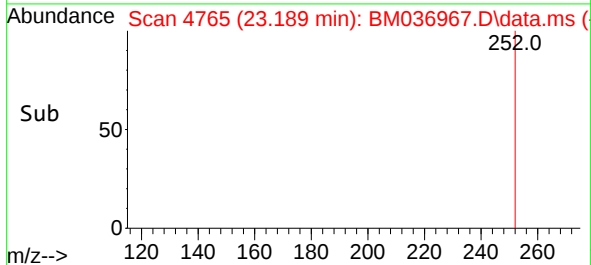
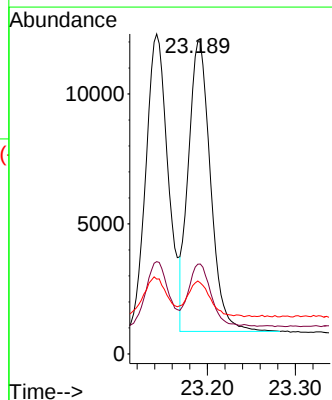
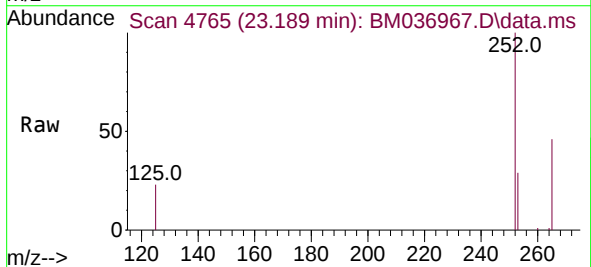
Instrument :
BNA_M
ClientSampleId :
SLCS215

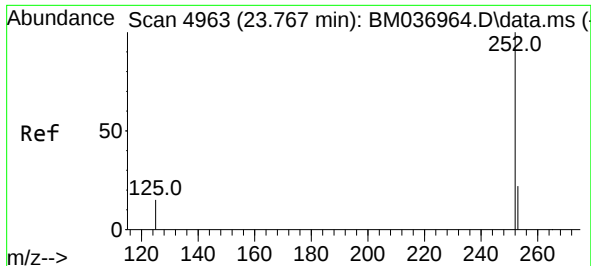
Tgt Ion:252 Resp: 20614
Ion Ratio Lower Upper
252 100
253 28.8 0.0 61.4
125 23.4 0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.312 ng/ul
RT: 23.189 min Scan# 4765
Delta R.T. -0.006 min
Lab File: BM036967.D
Acq: 12 Oct 2022 04:58

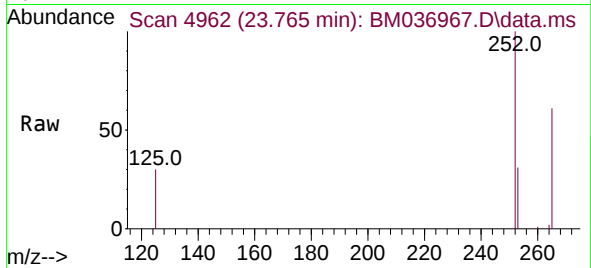
Tgt Ion:252 Resp: 19509
Ion Ratio Lower Upper
252 100
253 28.7 25.2 37.8
125 23.4 18.3 27.5



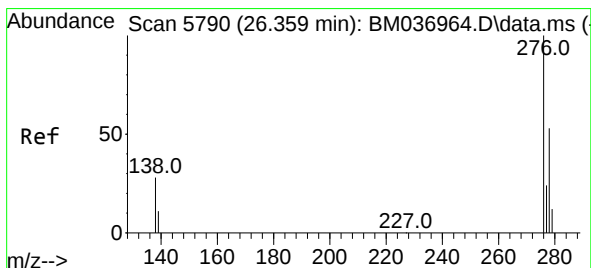
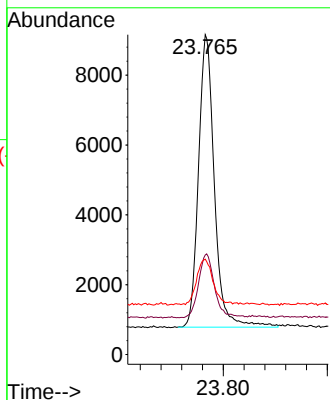
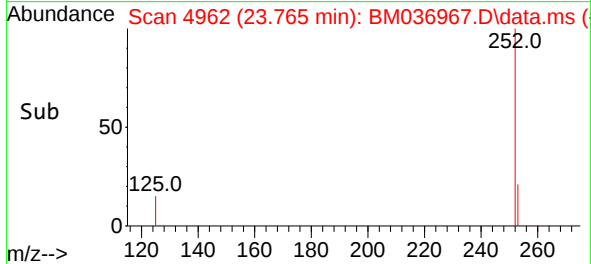


#26
Benzo(a)pyrene
Concen: 0.339 ng/ul
RT: 23.765 min Scan# 4963
Delta R.T. -0.006 min
Lab File: BM036967.D
Acq: 12 Oct 2022 04:58

Instrument :
BNA_M
ClientSampleId :
SLCS215

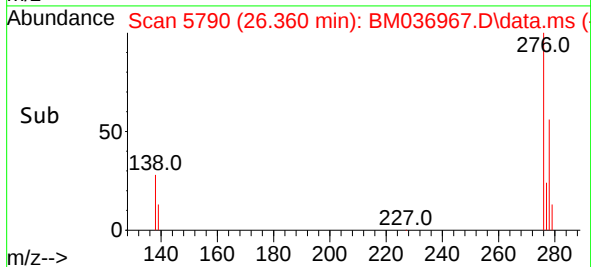
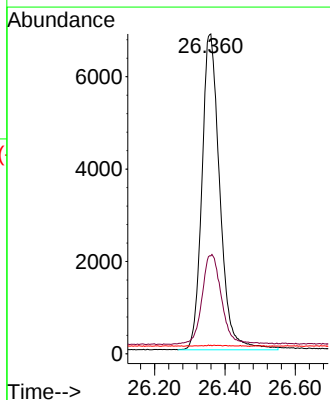
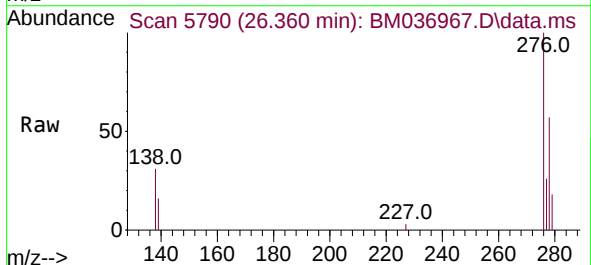


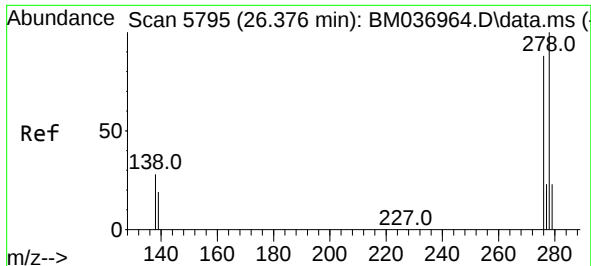
Tgt Ion:	252	Resp:	17678
Ion Ratio	Lower	Upper	
252	100		
253	31.1	29.7	44.5
125	29.8	23.6	35.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.327 ng/ul
RT: 26.360 min Scan# 5790
Delta R.T. -0.003 min
Lab File: BM036967.D
Acq: 12 Oct 2022 04:58

Tgt Ion:	276	Resp:	24152
Ion Ratio	Lower	Upper	
276	100		
138	30.2	23.9	35.9
227	0.1	0.1	0.1

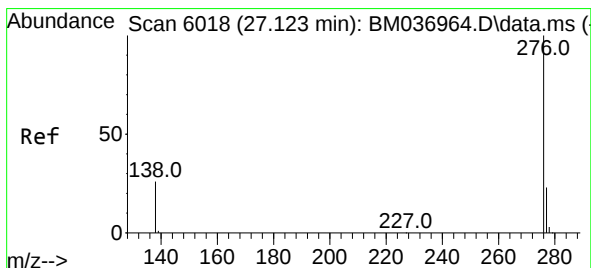
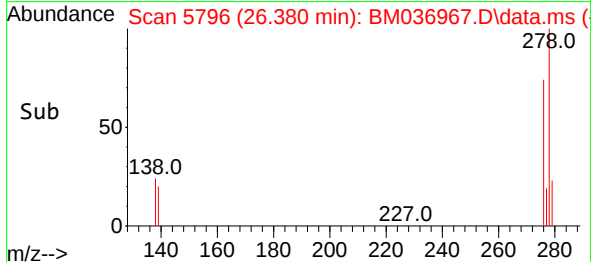
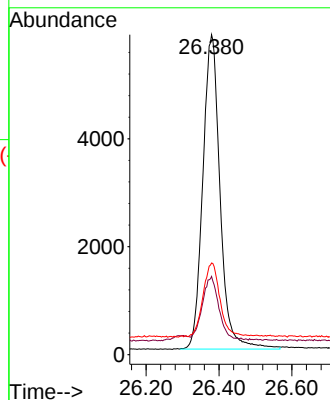
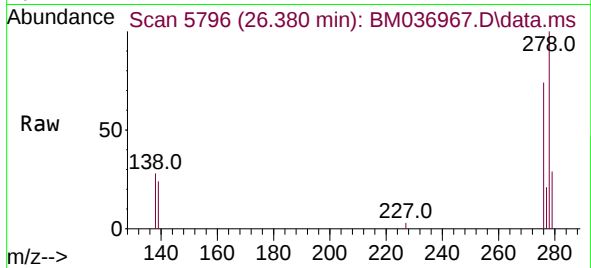




#28
Dibenzo(a,h)anthracene
Concen: 0.322 ng/ul
RT: 26.380 min Scan# 5796
Delta R.T. 0.000 min
Lab File: BM036967.D
Acq: 12 Oct 2022 04:58

Instrument :
BNA_M
ClientSampleId :
SLCS215

Tgt Ion:278 Resp: 19190
Ion Ratio Lower Upper
278 100
139 24.4 19.8 29.6
279 28.6 27.7 41.5



#29
Benzo(g,h,i)perylene
Concen: 0.317 ng/ul
RT: 27.124 min Scan# 6018
Delta R.T. -0.003 min
Lab File: BM036967.D
Acq: 12 Oct 2022 04:58

Tgt Ion:276 Resp: 20627
Ion Ratio Lower Upper
276 100
138 29.0 23.4 35.0
277 25.5 21.0 31.4

