

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111722\
 Data File : BM037565.D
 Acq On : 18 Nov 2022 15:27
 Operator : CG/JU
 Sample : PB149135BS
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS135

Quant Time: Nov 18 23:13:35 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 18 06:51:41 2022
 Response via : Initial Calibration

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

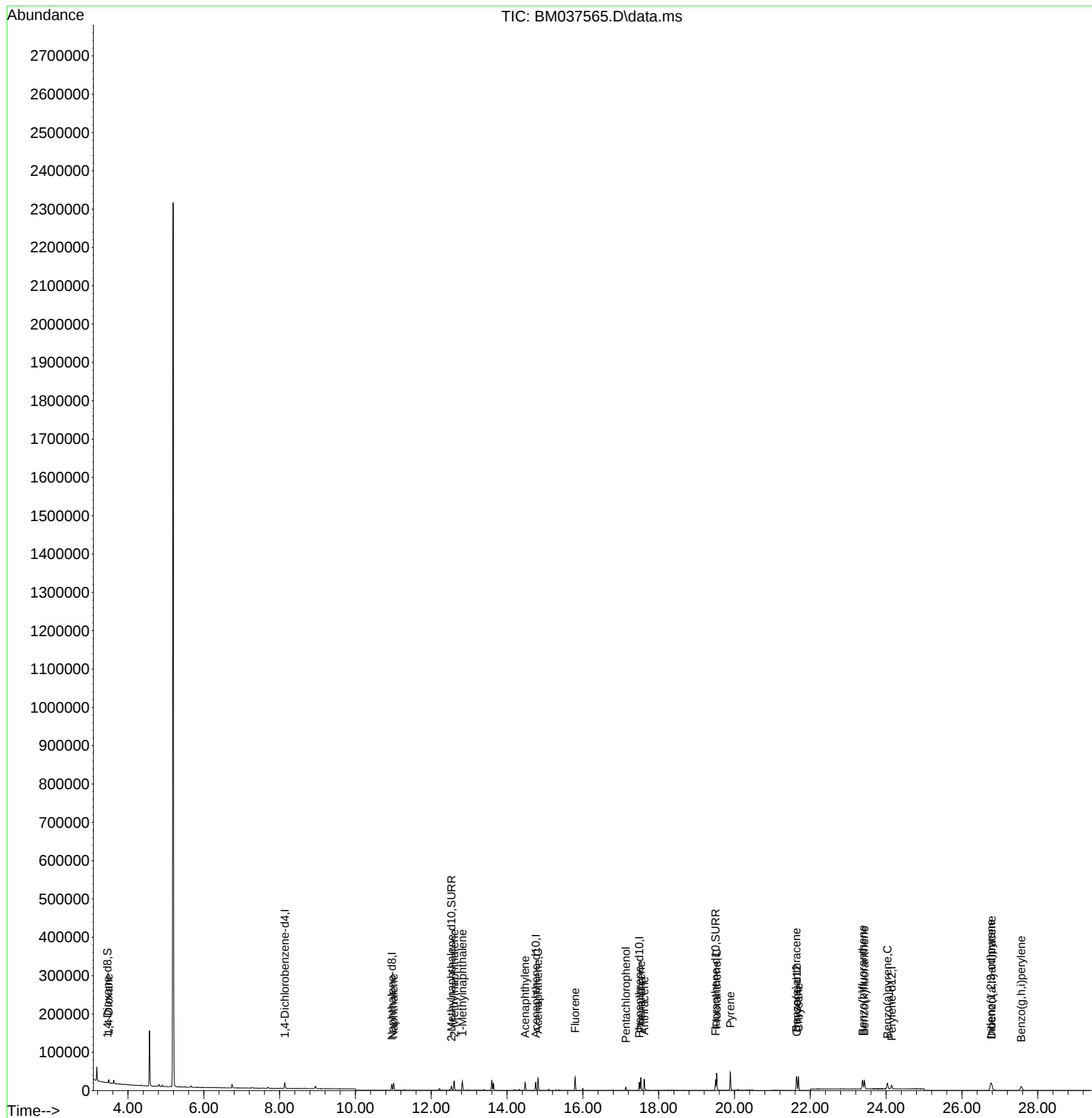
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.136	152	7393	0.400	ng/ul	0.00
4) Naphthalene-d8	10.957	136	19054	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.756	164	10528	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.487	188	23645	0.400	ng/ul	0.00
17) Chrysene-d12	21.648	240	15537	0.400	ng/ul	# 0.00
23) Perylene-d12	24.144	264	13443	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.458	96	702	0.082	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.530	152	13055	0.413	ng/ul	0.00
18) Fluoranthene-d10	19.499	212	25649	0.500	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.491	88	4315	0.482	ng/ul#	1
5) Naphthalene	11.007	128	24478	0.423	ng/ul	98
7) 2-Methylnaphthalene	12.607	142	15850	0.403	ng/ul	100
8) 1-Methylnaphthalene	12.822	142	15264	0.379	ng/ul	100
10) Acenaphthylene	14.479	152	23154	0.396	ng/ul	99
11) Acenaphthene	14.816	153	17410	0.427	ng/ul	98
12) Fluorene	15.797	166	20527	0.418	ng/ul	99
14) Pentachlorophenol	17.133	266	5492	1.035	ng/ul	99
15) Phenanthrene	17.529	178	34231	0.423	ng/ul	100
16) Anthracene	17.622	178	30357	0.389	ng/ul	99
19) Fluoranthene	19.532	202	36922	0.493	ng/ul	98
20) Pyrene	19.890	202	37378	0.480	ng/ul	97
21) Benzo(a)anthracene	21.633	228	29533	0.425	ng/ul	100
22) Chrysene	21.689	228	31195	0.452	ng/ul	100
24) Benzo(b)fluoranthene	23.378	252	30277	0.494	ng/ul	94
25) Benzo(k)fluoranthene	23.428	252	29230	0.472	ng/ul#	96
26) Benzo(a)pyrene	24.033	252	24225	0.454	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.761	276	27935	0.396	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.781	278	23460	0.423	ng/ul	97
29) Benzo(g,h,i)perylene	27.563	276	23963	0.400	ng/ul	97

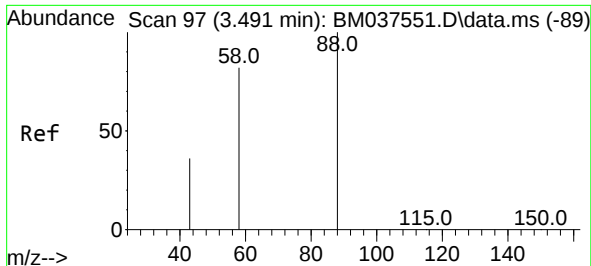
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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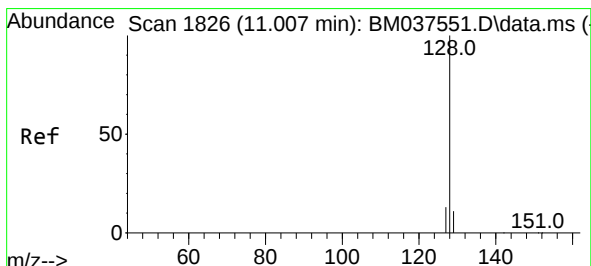
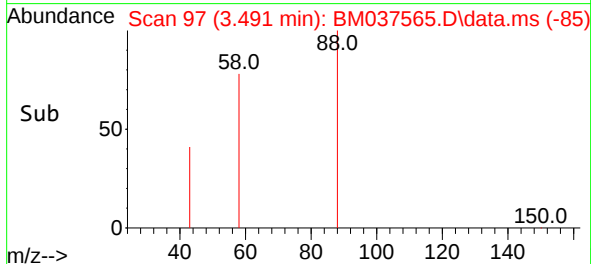
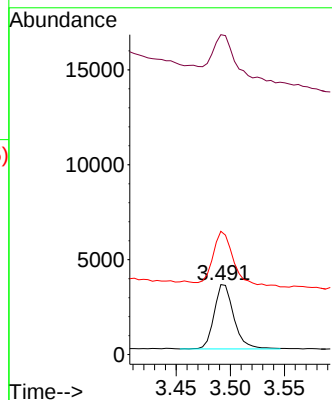
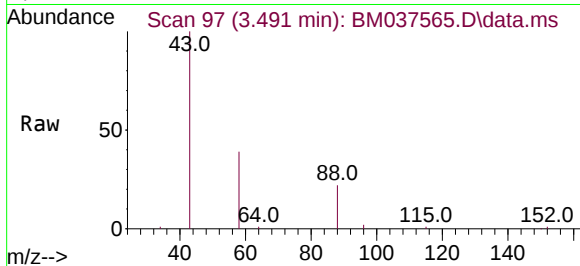




#2
1,4-Dioxane
Concen: 0.482 ng/ul
RT: 3.491 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM037565.D
Acq: 18 Nov 2022 15:27

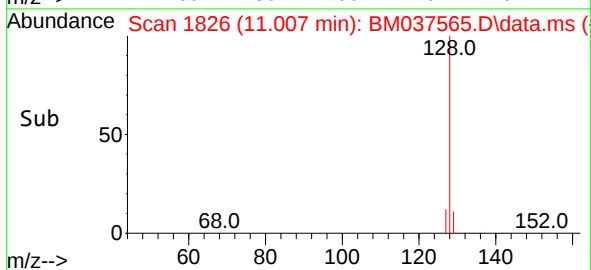
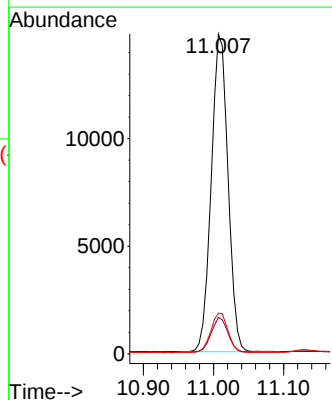
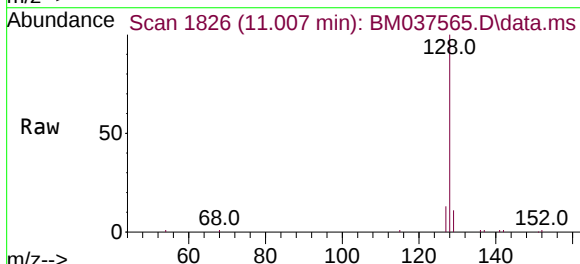
Instrument :
BNA_M
ClientSampleId :
SLCS135

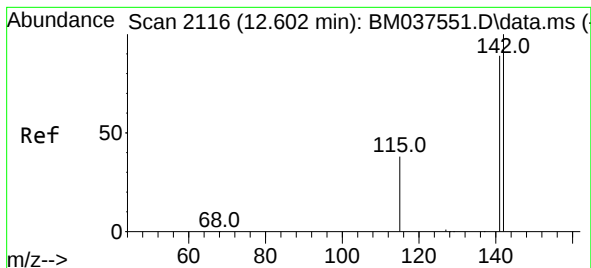
Tgt Ion: 88 Resp: 4315
Ion Ratio Lower Upper
88 100
43 457.0 102.8 154.2#
58 176.0 67.3 100.9#



#5
Naphthalene
Concen: 0.423 ng/ul
RT: 11.007 min Scan# 1826
Delta R.T. -0.000 min
Lab File: BM037565.D
Acq: 18 Nov 2022 15:27

Tgt Ion: 128 Resp: 24478
Ion Ratio Lower Upper
128 100
129 11.4 9.8 14.8
127 12.7 11.0 16.4

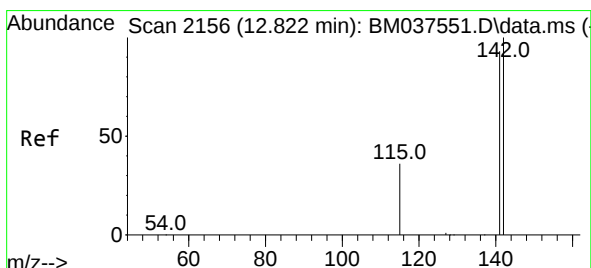
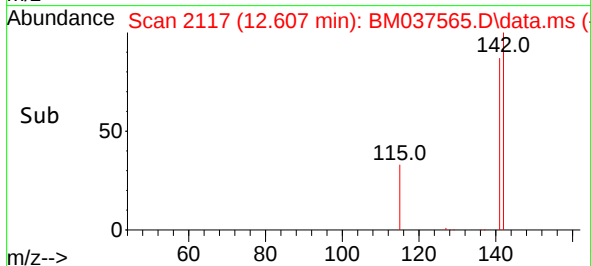
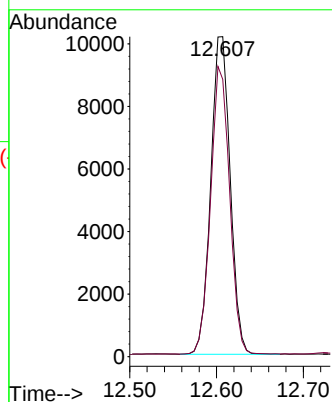
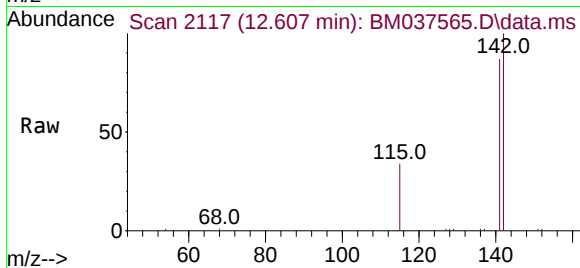




#7
2-Methylnaphthalene
Concen: 0.403 ng/ul
RT: 12.607 min Scan# 2116
Delta R.T. 0.005 min
Lab File: BM037565.D
Acq: 18 Nov 2022 15:27

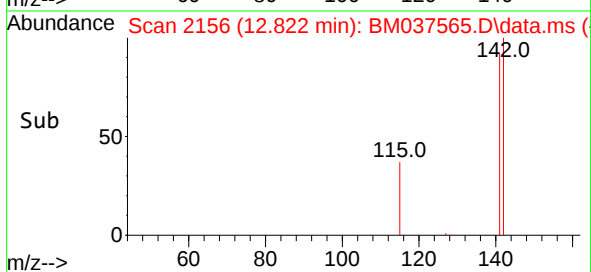
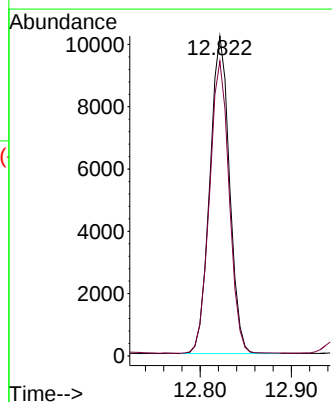
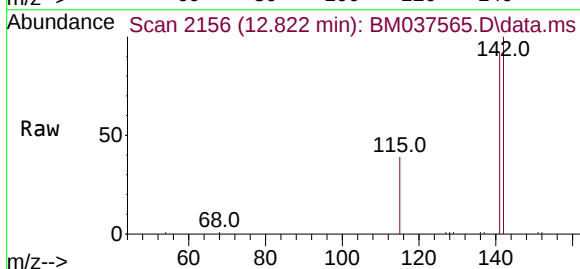
Instrument :
BNA_M
ClientSampleId :
SLCS135

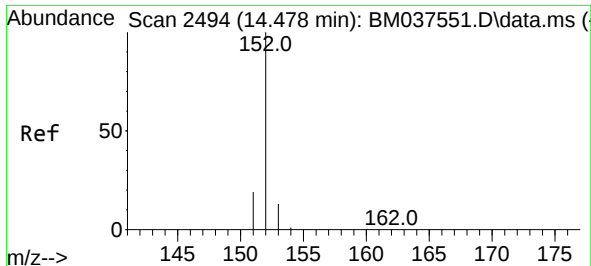
Tgt Ion:142 Resp: 15850
Ion Ratio Lower Upper
142 100
141 88.4 71.0 106.4



#8
1-Methylnaphthalene
Concen: 0.379 ng/ul
RT: 12.822 min Scan# 2156
Delta R.T. -0.000 min
Lab File: BM037565.D
Acq: 18 Nov 2022 15:27

Tgt Ion:142 Resp: 15264
Ion Ratio Lower Upper
142 100
141 91.8 73.4 110.0

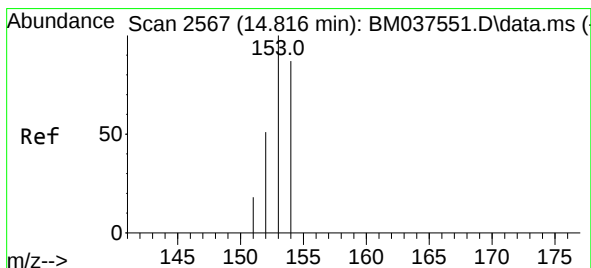
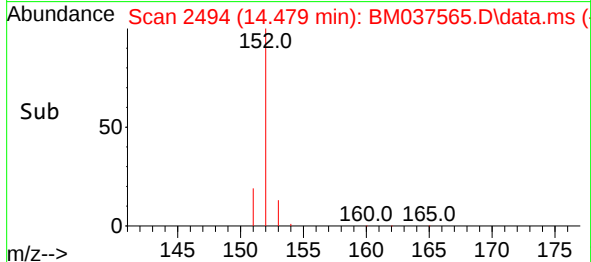
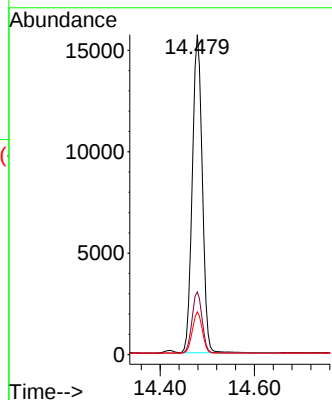
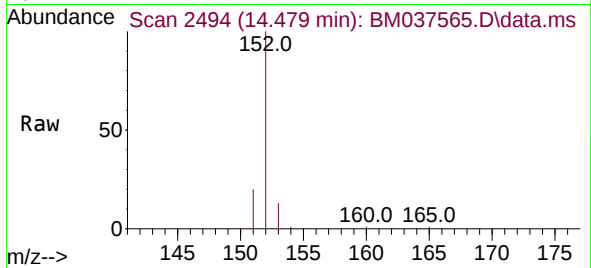




#10
Acenaphthylene
Concen: 0.396 ng/ul
RT: 14.479 min Scan# 2494
Delta R.T. 0.001 min
Lab File: BM037565.D
Acq: 18 Nov 2022 15:27

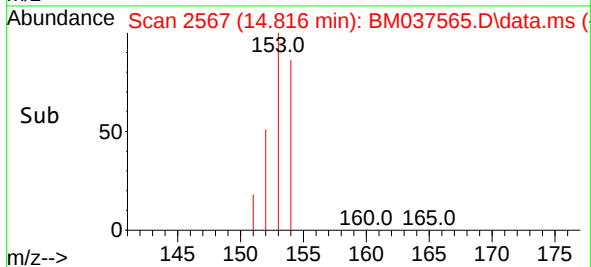
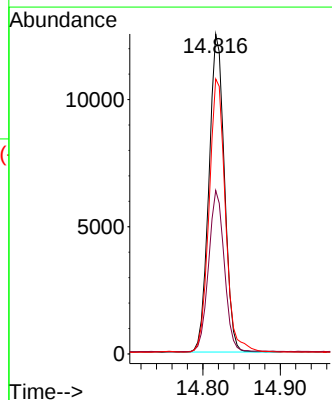
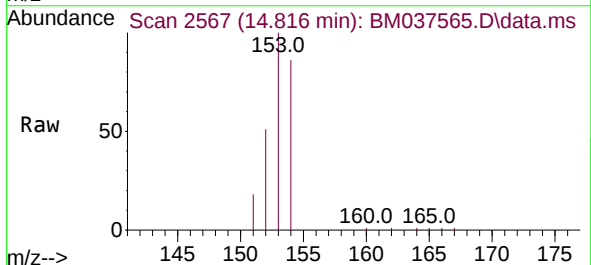
Instrument :
BNA_M
ClientSampleId :
SLCS135

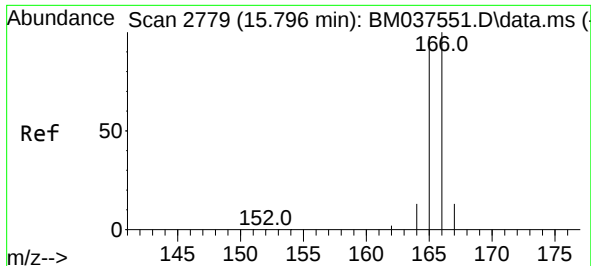
Tgt Ion:152	Resp:	23154
Ion Ratio	Lower	Upper
152	100	
151	19.6	15.9 23.9
153	13.4	11.0 16.4



#11
Acenaphthene
Concen: 0.427 ng/ul
RT: 14.816 min Scan# 2567
Delta R.T. 0.001 min
Lab File: BM037565.D
Acq: 18 Nov 2022 15:27

Tgt Ion:153	Resp:	17410
Ion Ratio	Lower	Upper
153	100	
152	51.1	39.4 59.0
154	85.9	69.5 104.3

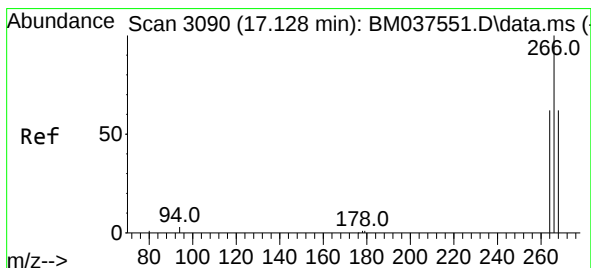
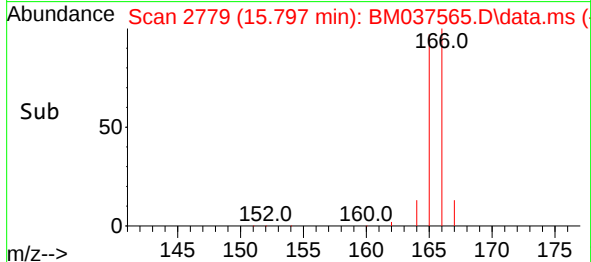
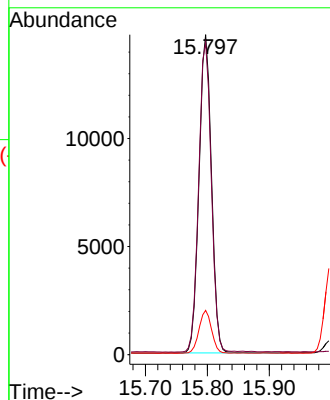
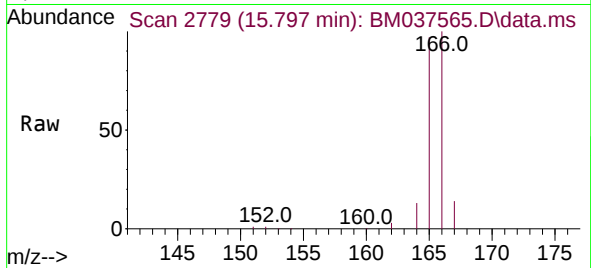




#12
Fluorene
Concen: 0.418 ng/ul
RT: 15.797 min Scan# 21
Delta R.T. 0.001 min
Lab File: BM037565.D
Acq: 18 Nov 2022 15:27

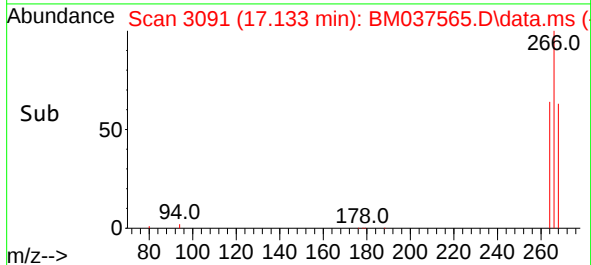
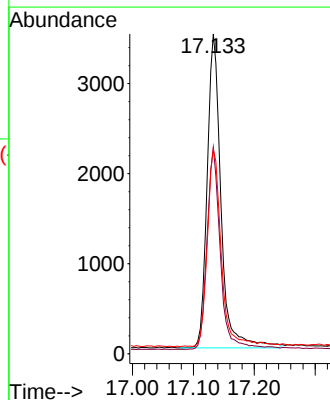
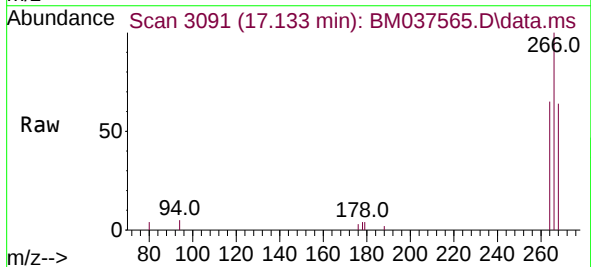
Instrument :
BNA_M
ClientSampleId :
SLCS135

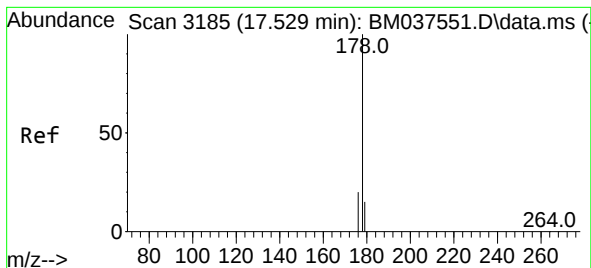
Tgt Ion:166 Resp: 20527
Ion Ratio Lower Upper
166 100
165 97.4 78.7 118.1
167 13.8 11.3 16.9



#14
Pentachlorophenol
Concen: 1.035 ng/ul
RT: 17.133 min Scan# 3091
Delta R.T. 0.001 min
Lab File: BM037565.D
Acq: 18 Nov 2022 15:27

Tgt Ion:266 Resp: 5492
Ion Ratio Lower Upper
266 100
264 62.3 50.2 75.2
268 63.5 52.0 78.0





#15

Phenanthrene

Concen: 0.423 ng/u1

RT: 17.529 min Scan# 3185

Delta R.T. 0.001 min

Lab File: BM037565.D

Acq: 18 Nov 2022 15:27

Instrument :

BNA_M

ClientSampleId :

SLCS135

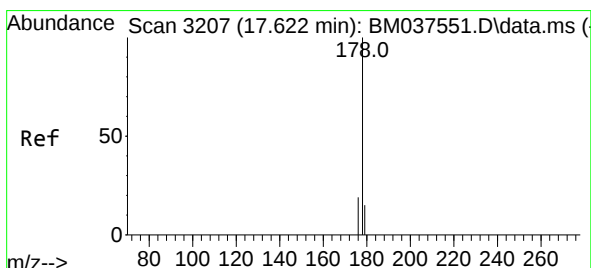
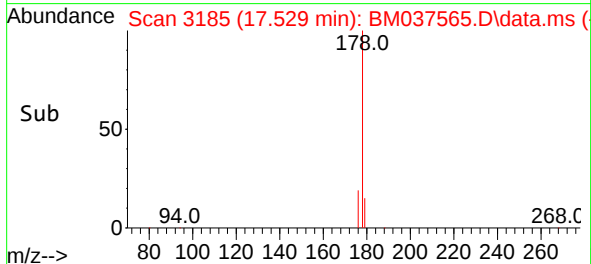
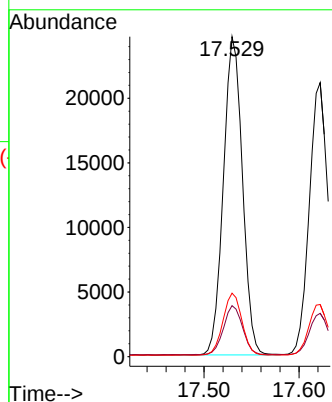
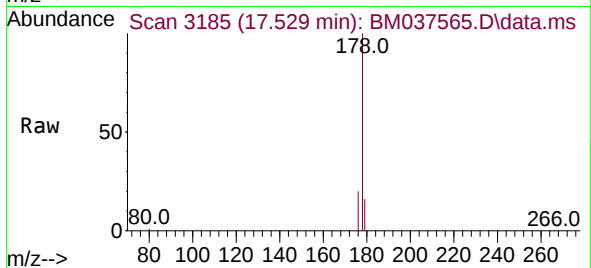
Tgt Ion:178 Resp: 34231

Ion Ratio Lower Upper

178 100

179 15.9 12.6 18.8

176 19.8 16.0 24.0



#16

Anthracene

Concen: 0.389 ng/u1

RT: 17.622 min Scan# 3207

Delta R.T. 0.005 min

Lab File: BM037565.D

Acq: 18 Nov 2022 15:27

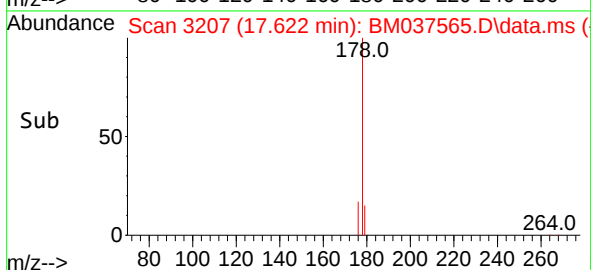
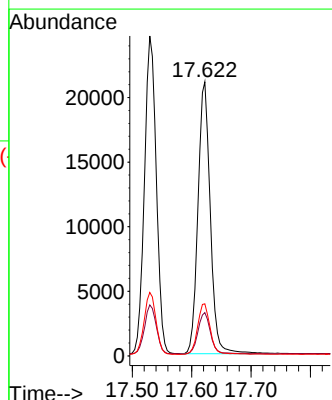
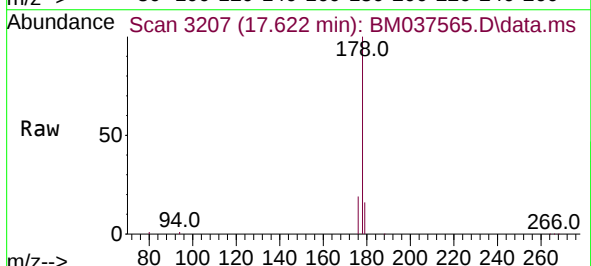
Tgt Ion:178 Resp: 30357

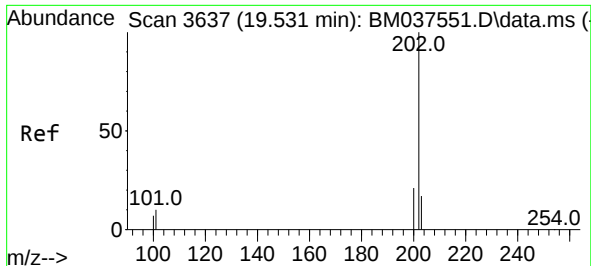
Ion Ratio Lower Upper

178 100

179 15.8 12.8 19.2

176 19.0 15.0 22.6

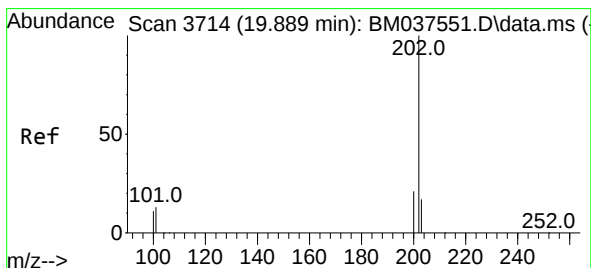
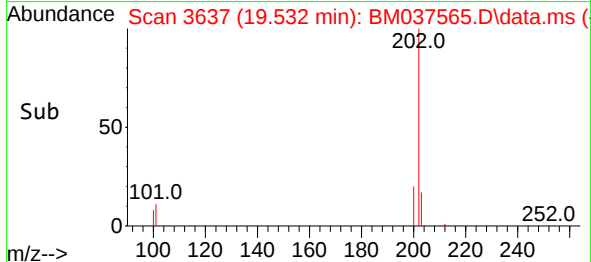
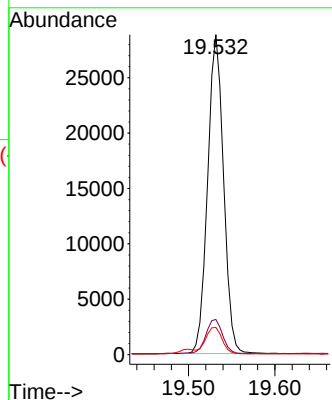
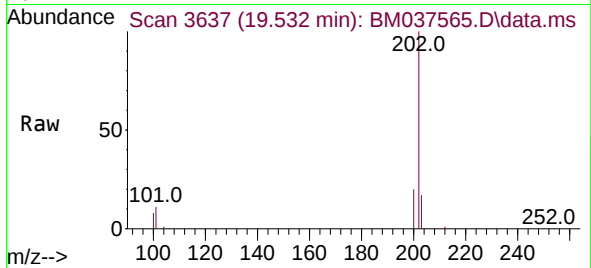




#19
Fluoranthene
Concen: 0.493 ng/ul
RT: 19.532 min Scan# 3637
Delta R.T. 0.001 min
Lab File: BM037565.D
Acq: 18 Nov 2022 15:27

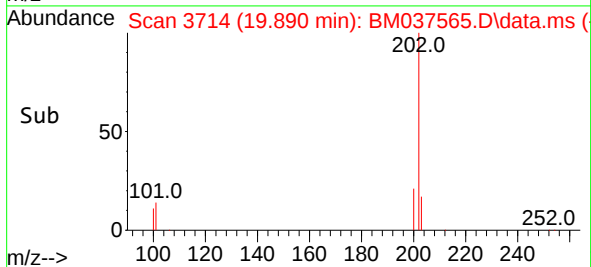
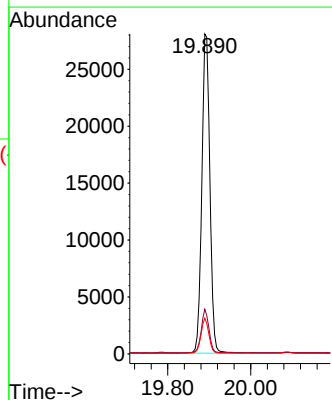
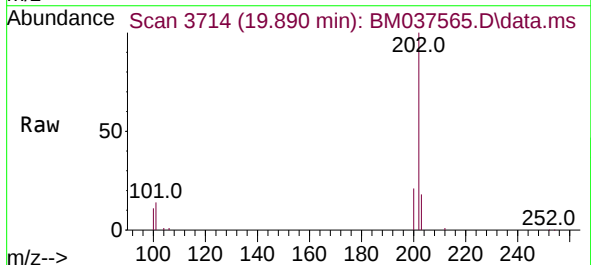
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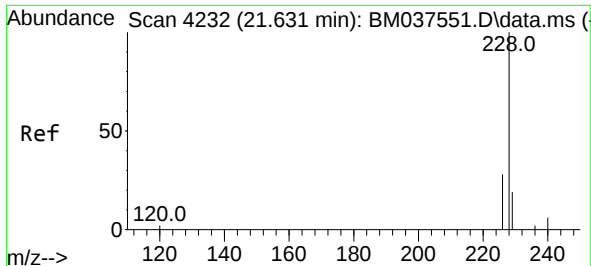
Tgt Ion:202 Resp: 36922
Ion Ratio Lower Upper
202 100
101 11.0 8.2 12.2
100 8.5 6.1 9.1



#20
Pyrene
Concen: 0.480 ng/ul
RT: 19.890 min Scan# 3714
Delta R.T. 0.001 min
Lab File: BM037565.D
Acq: 18 Nov 2022 15:27

Tgt Ion:202 Resp: 37378
Ion Ratio Lower Upper
202 100
101 13.9 10.1 15.1
100 11.1 8.0 12.0

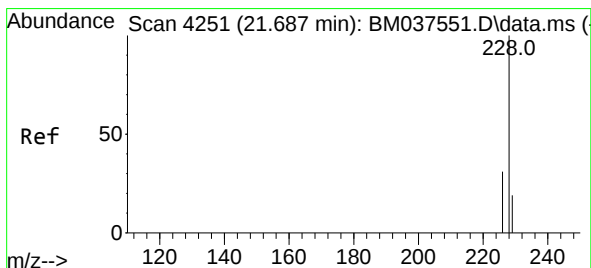
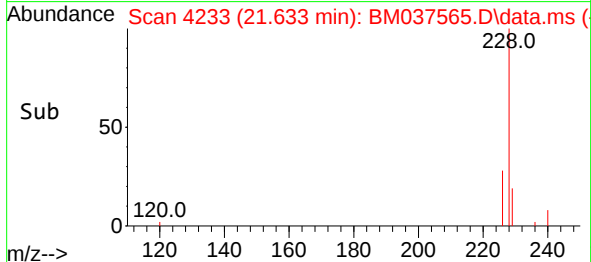
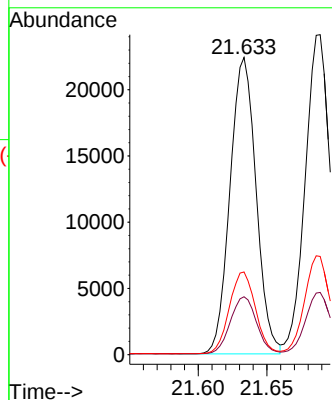
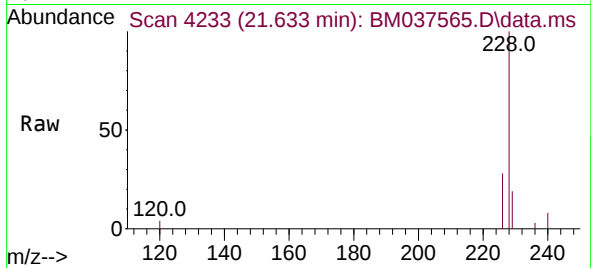




#21
Benzo(a)anthracene
Concen: 0.425 ng/ul
RT: 21.633 min Scan# 4232
Delta R.T. 0.002 min
Lab File: BM037565.D
Acq: 18 Nov 2022 15:27

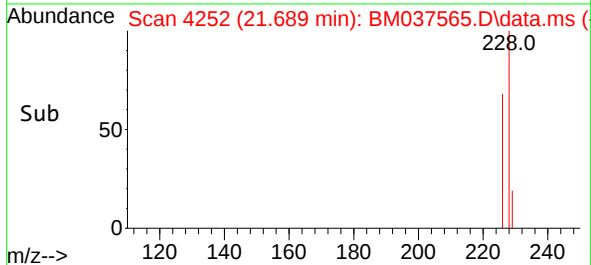
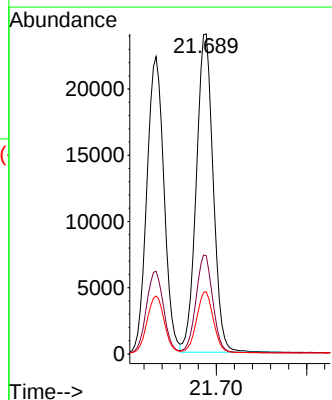
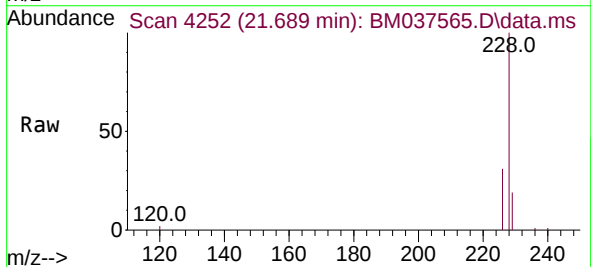
Instrument :
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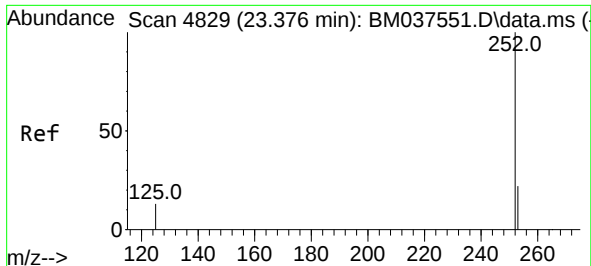
Tgt Ion:228 Resp: 29533
Ion Ratio Lower Upper
228 100
229 19.5 15.7 23.5
226 27.8 22.2 33.2



#22
Chrysene
Concen: 0.452 ng/ul
RT: 21.689 min Scan# 4252
Delta R.T. 0.005 min
Lab File: BM037565.D
Acq: 18 Nov 2022 15:27

Tgt Ion:228 Resp: 31195
Ion Ratio Lower Upper
228 100
226 30.7 24.6 37.0
229 19.4 15.5 23.3

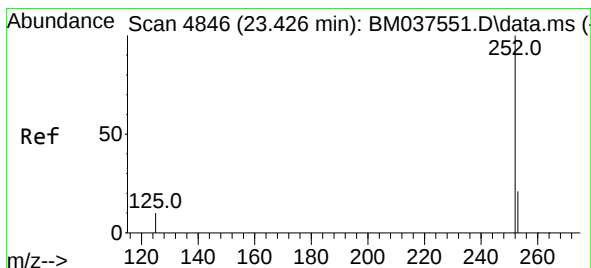
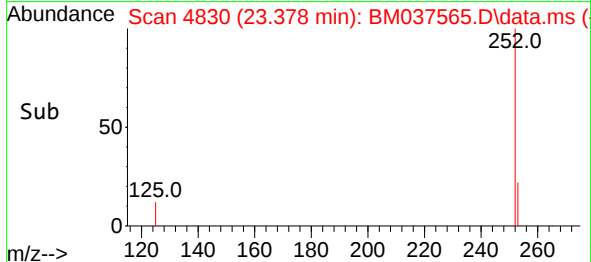
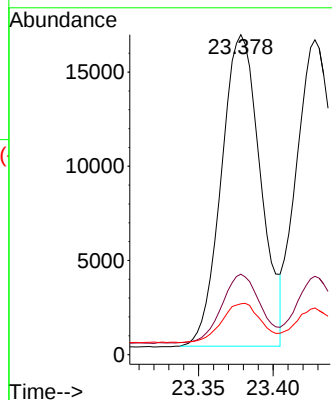
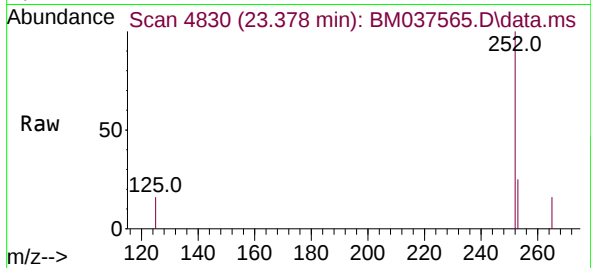




#24
Benzo(b)fluoranthene
Concen: 0.494 ng/ul
RT: 23.378 min Scan# 4829
Delta R.T. 0.005 min
Lab File: BM037565.D
Acq: 18 Nov 2022 15:27

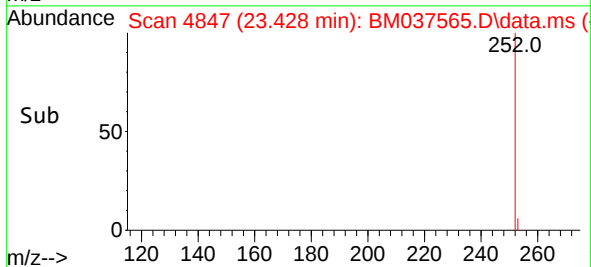
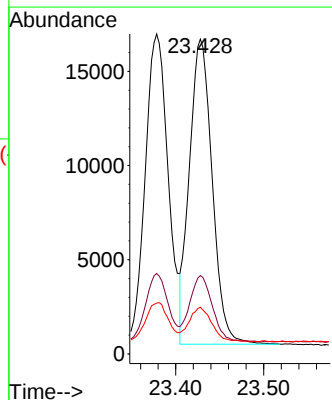
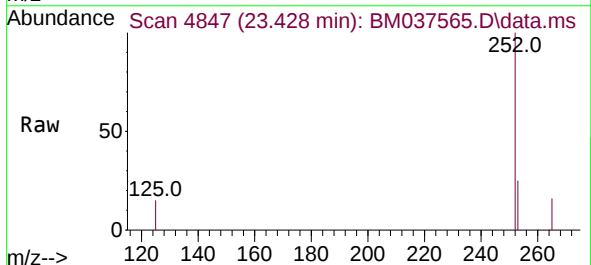
Instrument :
BNA_M
ClientSampleId :
SLCS135

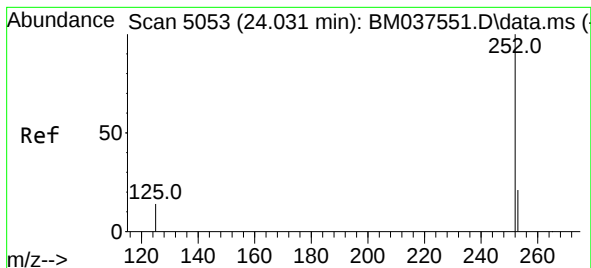
Tgt Ion:252 Resp: 30277
Ion Ratio Lower Upper
252 100
253 25.1 0.0 46.2
125 15.9 0.0 23.4



#25
Benzo(k)fluoranthene
Concen: 0.472 ng/ul
RT: 23.428 min Scan# 4847
Delta R.T. 0.002 min
Lab File: BM037565.D
Acq: 18 Nov 2022 15:27

Tgt Ion:252 Resp: 29230
Ion Ratio Lower Upper
252 100
253 24.9 18.8 28.2
125 14.8 9.8 14.6#





#26

Benzo(a)pyrene

Concen: 0.454 ng/ul

RT: 24.033 min Scan# 5053

Delta R.T. 0.005 min

Lab File: BM037565.D

Acq: 18 Nov 2022 15:27

Instrument :

BNA_M

ClientSampleId :

SLCS135

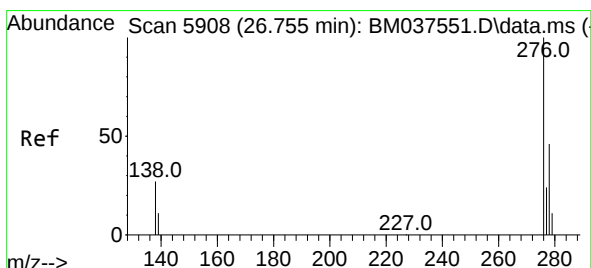
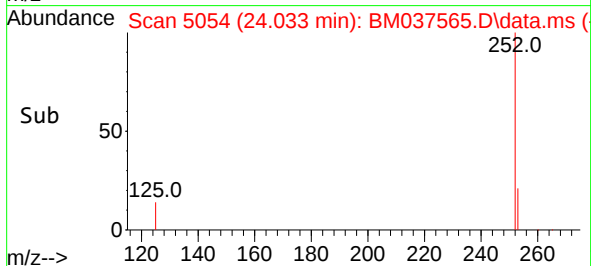
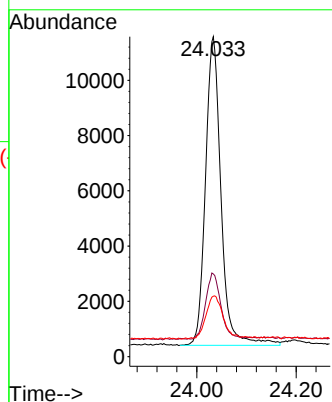
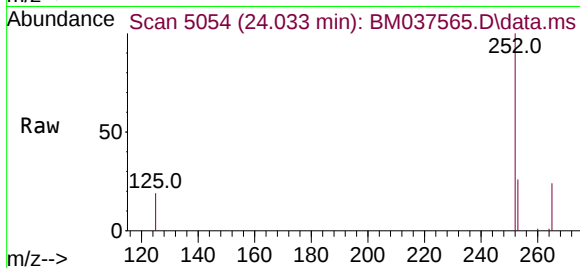
Tgt Ion:252 Resp: 24225

Ion Ratio Lower Upper

252 100

253 25.8 18.8 28.2

125 18.9 10.5 15.7#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.396 ng/ul

RT: 26.761 min Scan# 5910

Delta R.T. 0.006 min

Lab File: BM037565.D

Acq: 18 Nov 2022 15:27

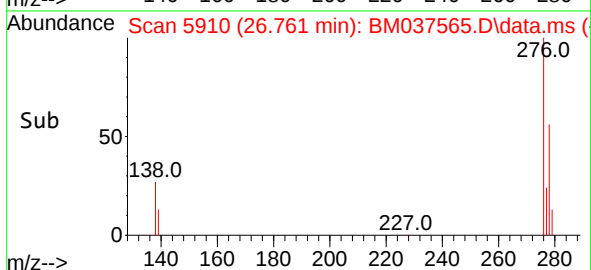
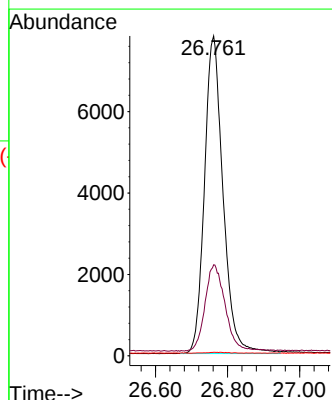
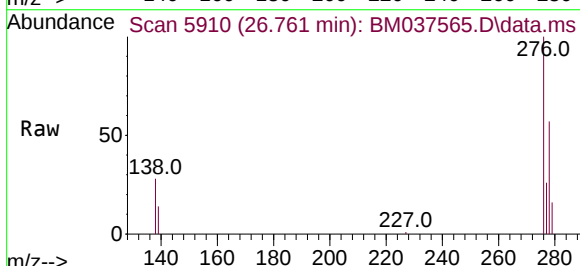
Tgt Ion:276 Resp: 27935

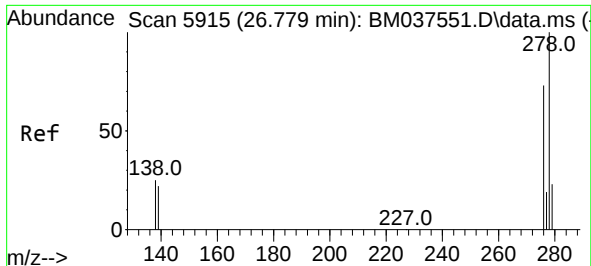
Ion Ratio Lower Upper

276 100

138 29.4 21.2 31.8

227 0.2 0.1 0.1#

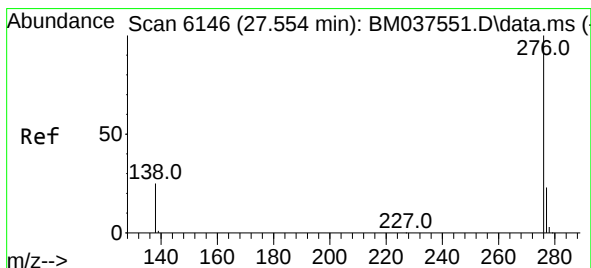
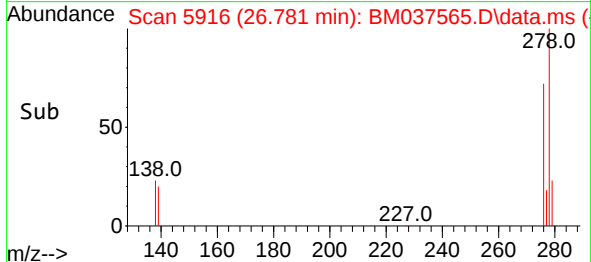
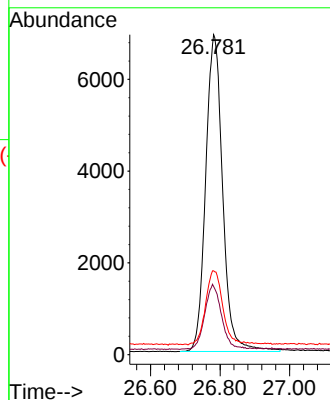
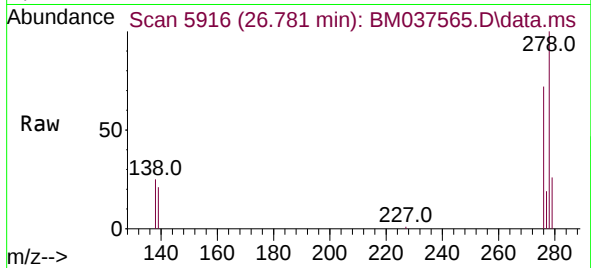




#28
Dibenzo(a,h)anthracene
Concen: 0.423 ng/ul
RT: 26.781 min Scan# 5915
Delta R.T. 0.002 min
Lab File: BM037565.D
Acq: 18 Nov 2022 15:27

Instrument :
BNA_M
ClientSampleId :
SLCS135

Tgt Ion:278 Resp: 23460
Ion Ratio Lower Upper
278 100
139 21.3 15.2 22.8
279 26.2 20.2 30.2



#29
Benzo(g,h,i)perylene
Concen: 0.400 ng/ul
RT: 27.563 min Scan# 6149
Delta R.T. 0.002 min
Lab File: BM037565.D
Acq: 18 Nov 2022 15:27

Tgt Ion:276 Resp: 23963
Ion Ratio Lower Upper
276 100
138 26.0 19.0 28.4
277 24.6 19.4 29.2

