

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110921\
 Data File : BM032917.D
 Acq On : 09 Nov 2021 17:10
 Operator : CG/JU
 Sample : PB140595BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS595

Quant Time: Nov 09 17:40:34 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 09 13:31:56 2021
 Response via : Initial Calibration

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

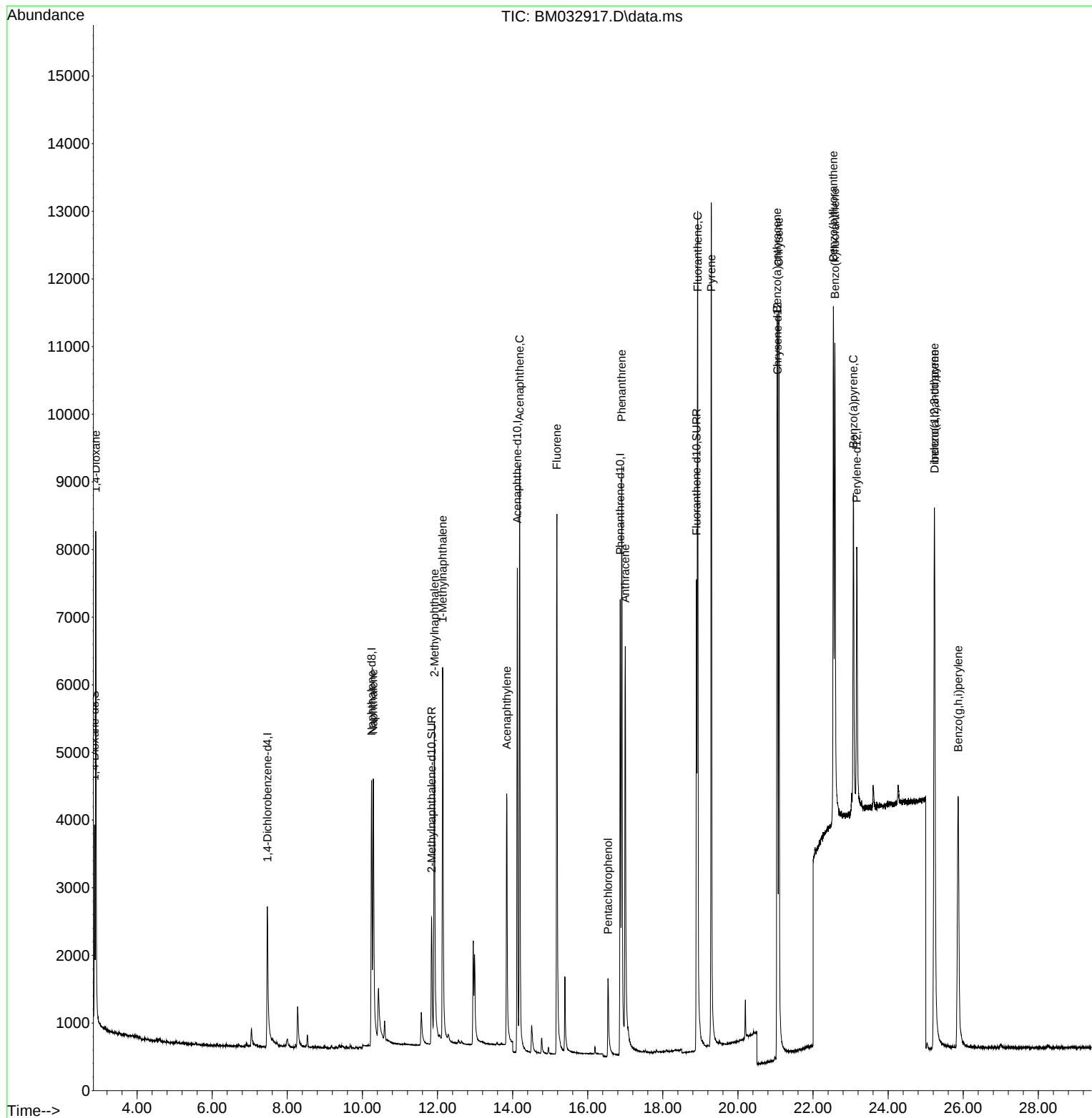
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.470	152	1670	0.400	ng/ul	0.00
4) Naphthalene-d8	10.245	136	6398	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.126	164	3996	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.866	188	8383	0.400	ng/ul	0.00
17) Chrysene-d12	21.058	240	6587	0.400	ng/ul	0.00
23) Perylene-d12	23.165	264	5105	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.868	96	1715	0.804	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.841	152	3324	0.366	ng/ul	0.00
18) Fluoranthene-d10	18.897	212	7736	0.387	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.903	88	4457	2.035	ng/ul#	90
5) Naphthalene	10.290	128	6765	0.364	ng/ul	99
7) 2-Methylnaphthalene	11.918	142	4420	0.343	ng/ul	99
8) 1-Methylnaphthalene	12.138	142	4242	0.337	ng/ul	100
10) Acenaphthylene	13.843	152	5747	0.331	ng/ul	99
11) Acenaphthene	14.187	153	5325	0.351	ng/ul	99
12) Fluorene	15.180	166	6108	0.341	ng/ul	99
14) Pentachlorophenol	16.540	266	1093	0.500	ng/ul	98
15) Phenanthrene	16.908	178	9733	0.349	ng/ul	99
16) Anthracene	17.002	178	8191	0.335	ng/ul	99
19) Fluoranthene	18.928	202	11360	0.368	ng/ul	99
20) Pyrene	19.290	202	11690	0.364	ng/ul	99
21) Benzo(a)anthracene	21.041	228	8470	0.348	ng/ul	100
22) Chrysene	21.092	228	10158	0.370	ng/ul	99
24) Benzo(b)fluoranthene	22.542	252	8865	0.379	ng/ul	97
25) Benzo(k)fluoranthene	22.583	252	9902	0.394	ng/ul	97
26) Benzo(a)pyrene	23.075	252	7104	0.368	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.231	276	8594	0.387	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.236	278	6835	0.388	ng/ul	96
29) Benzo(g,h,i)perylene	25.864	276	7640	0.396	ng/ul	99

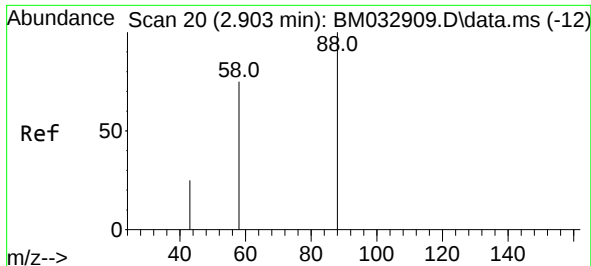
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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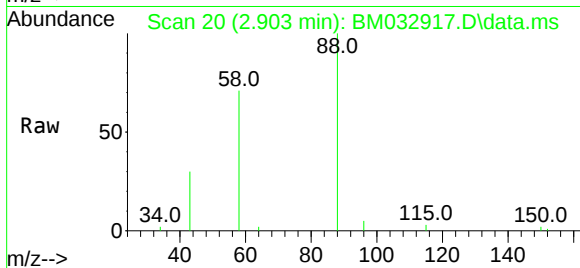
Quant Time: Nov 09 17:40:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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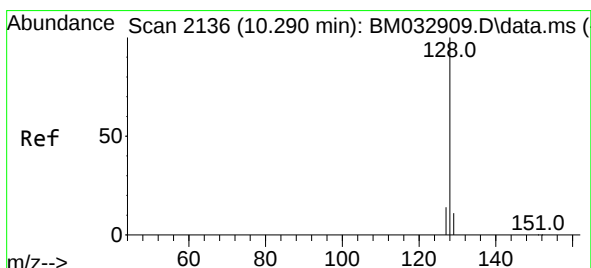
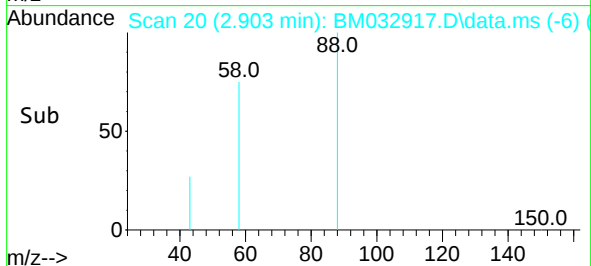
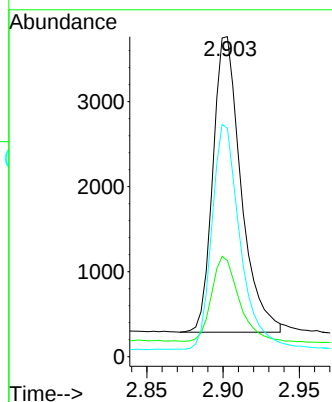


#2
1,4-Dioxane
Concen: 2.035 ng/ul
RT: 2.903 min Scan# 20
Delta R.T. 0.000 min
Lab File: BM032917.D
Acq: 09 Nov 2021 17:10

Instrument :
BNA_M
ClientSampleId :
SLCS595

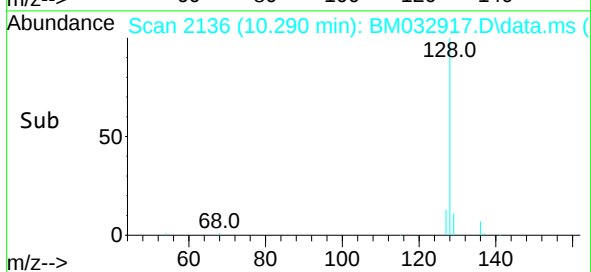
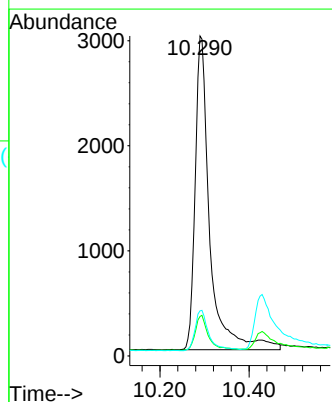
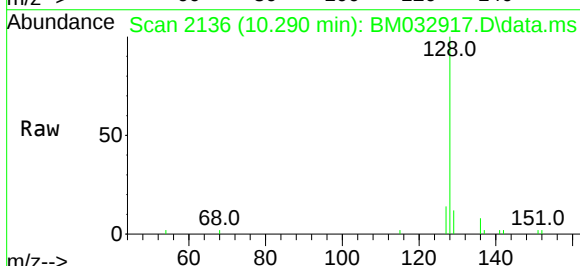


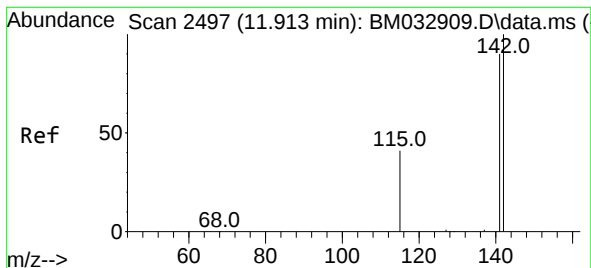
Tgt Ion: 88 Resp: 4457
Ion Ratio Lower Upper
88 100
43 30.1 35.8 53.8#
58 71.4 55.8 83.8



#5
Naphthalene
Concen: 0.364 ng/ul
RT: 10.290 min Scan# 2136
Delta R.T. 0.000 min
Lab File: BM032917.D
Acq: 09 Nov 2021 17:10

Tgt Ion: 128 Resp: 6765
Ion Ratio Lower Upper
128 100
129 12.3 9.8 14.6
127 14.1 11.8 17.8





#7

2-Methylnaphthalene

Concen: 0.343 ng/ul

RT: 11.918 min Scan# 2497

Delta R.T. 0.005 min

Lab File: BM032917.D

Acq: 09 Nov 2021 17:10

Instrument :

BNA_M

ClientSampleId :

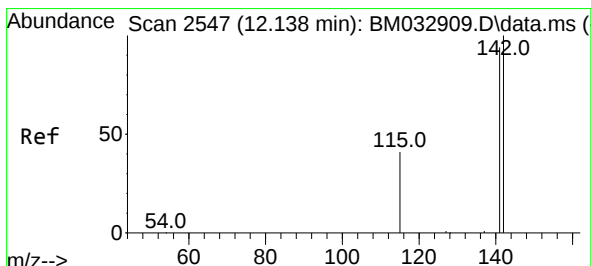
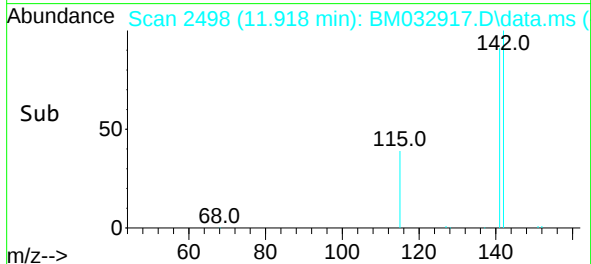
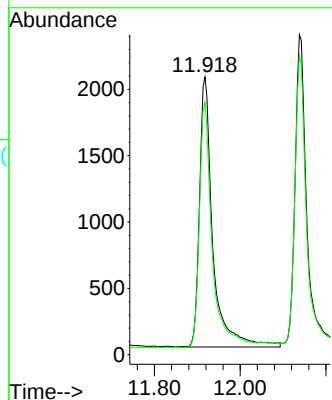
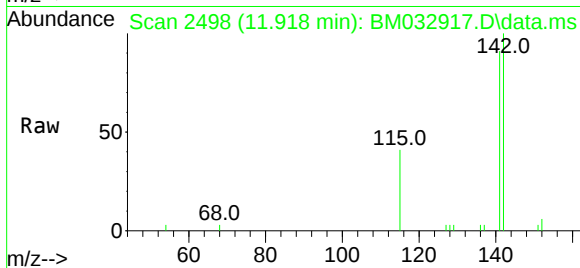
SLCS595

Tgt Ion:142 Resp: 4420

Ion Ratio Lower Upper

142 100

141 90.6 73.3 109.9



#8

1-Methylnaphthalene

Concen: 0.337 ng/ul

RT: 12.138 min Scan# 2547

Delta R.T. 0.000 min

Lab File: BM032917.D

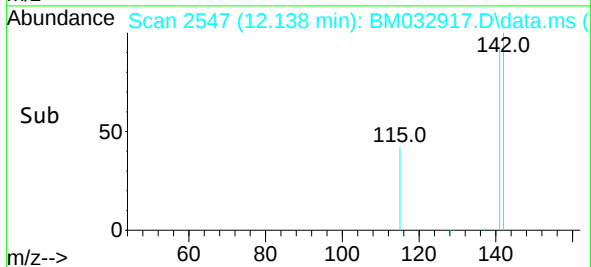
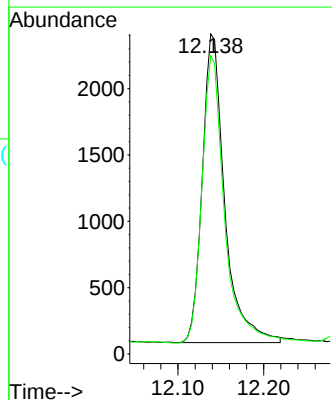
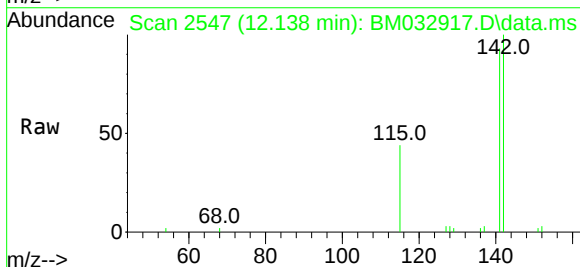
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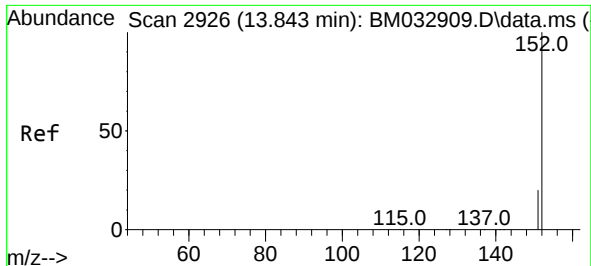
Tgt Ion:142 Resp: 4242

Ion Ratio Lower Upper

142 100

141 93.5 74.5 111.7

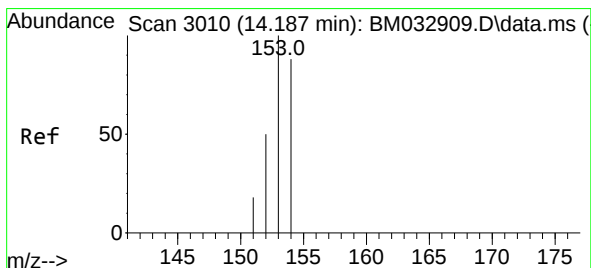
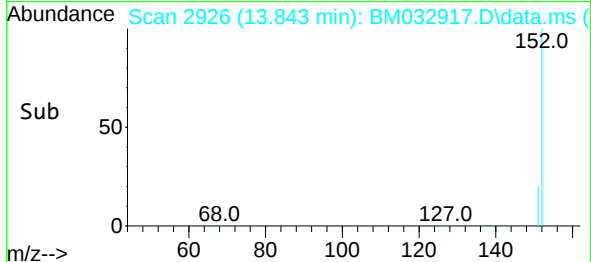
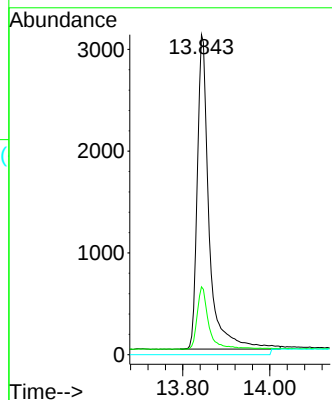
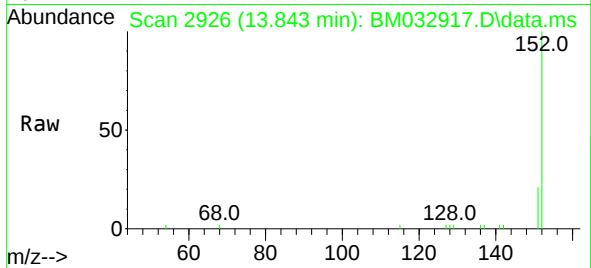




#10
Acenaphthylene
Concen: 0.331 ng/ul
RT: 13.843 min Scan# 2926
Delta R.T. 0.000 min
Lab File: BM032917.D
Acq: 09 Nov 2021 17:10

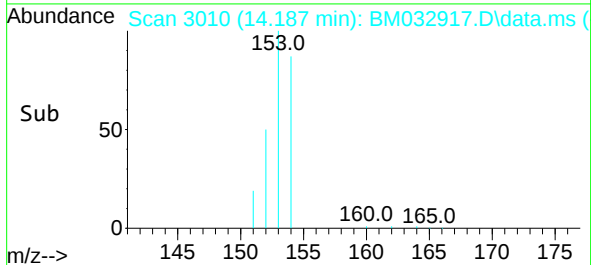
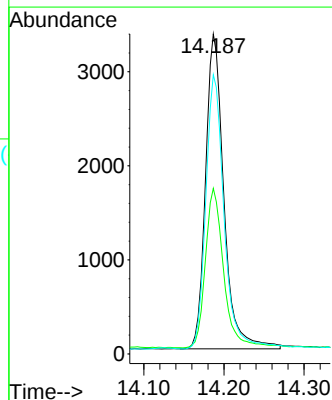
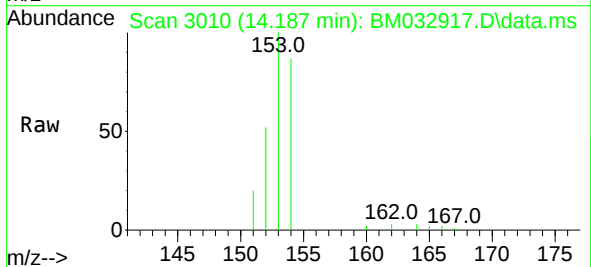
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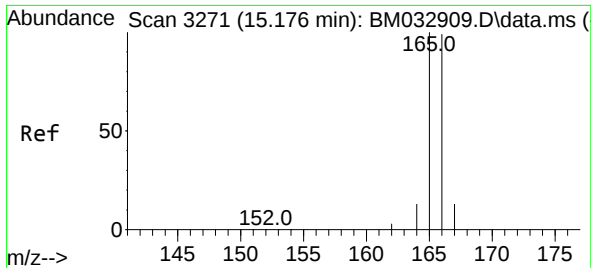
Tgt Ion:152 Resp: 5747
Ion Ratio Lower Upper
152 100
151 21.2 16.7 25.1
153 0.0 0.0 0.0



#11
Acenaphthene
Concen: 0.351 ng/ul
RT: 14.187 min Scan# 3010
Delta R.T. 0.000 min
Lab File: BM032917.D
Acq: 09 Nov 2021 17:10

Tgt Ion:153 Resp: 5325
Ion Ratio Lower Upper
153 100
152 51.7 40.6 60.8
154 87.2 70.8 106.2

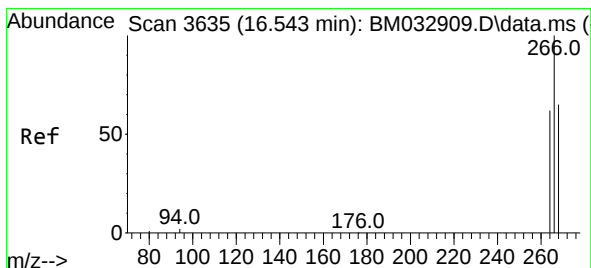
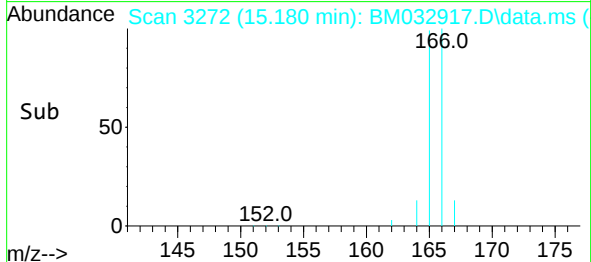
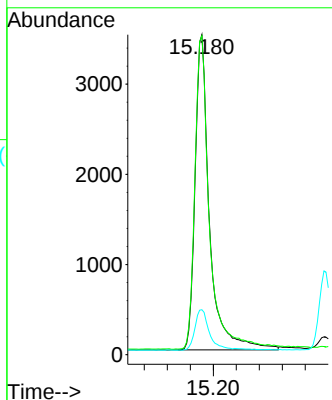
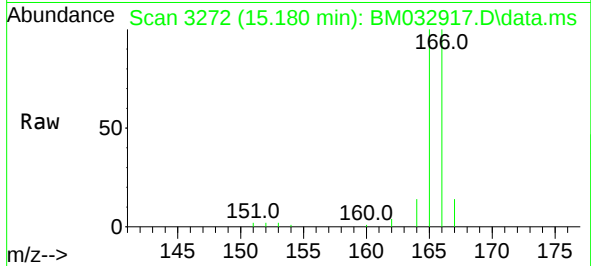




#12
Fluorene
Concen: 0.341 ng/ul
RT: 15.180 min Scan# 31
Delta R.T. 0.004 min
Lab File: BM032917.D
Acq: 09 Nov 2021 17:10

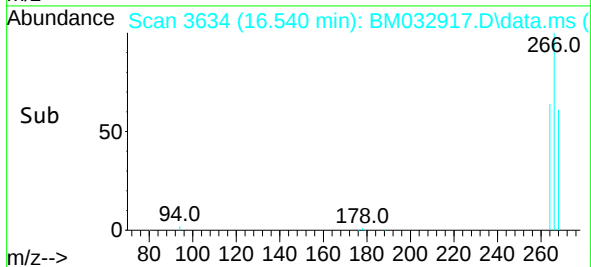
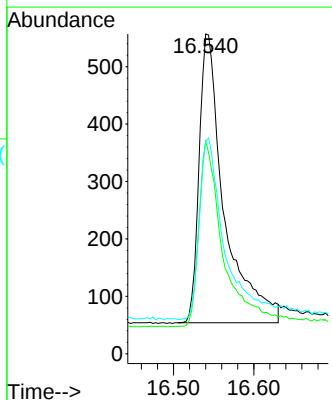
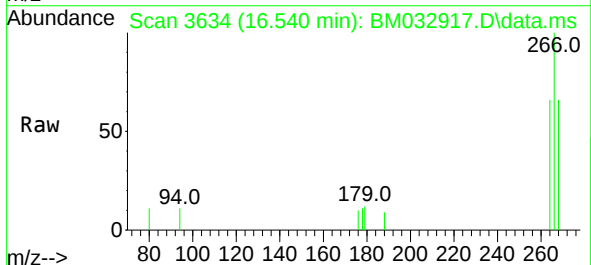
Instrument :
BNA_M
ClientSampleId :
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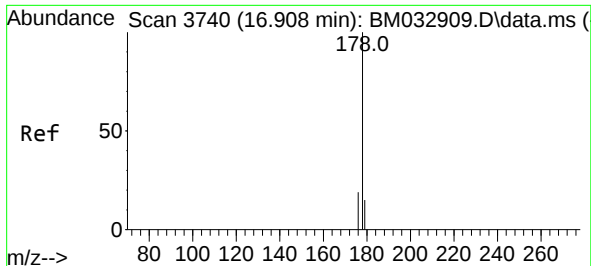
Tgt Ion:166 Resp: 6108
Ion Ratio Lower Upper
166 100
165 99.6 80.8 121.2
167 14.1 11.7 17.5



#14
Pentachlorophenol
Concen: 0.500 ng/ul
RT: 16.540 min Scan# 3634
Delta R.T. -0.003 min
Lab File: BM032917.D
Acq: 09 Nov 2021 17:10

Tgt Ion:266 Resp: 1093
Ion Ratio Lower Upper
266 100
264 62.9 51.2 76.8
268 63.5 52.9 79.3

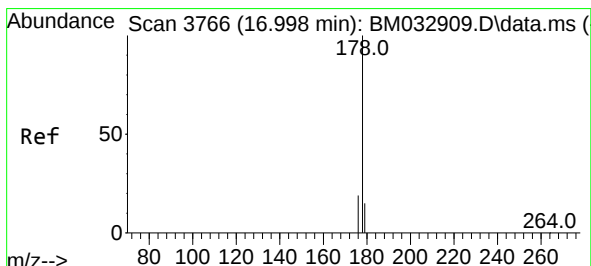
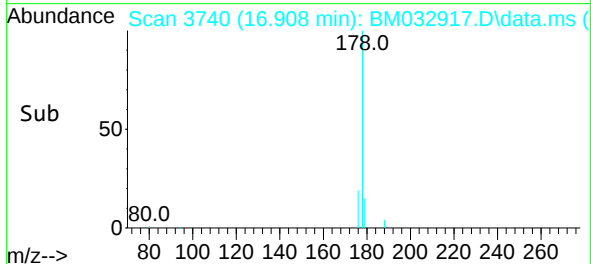
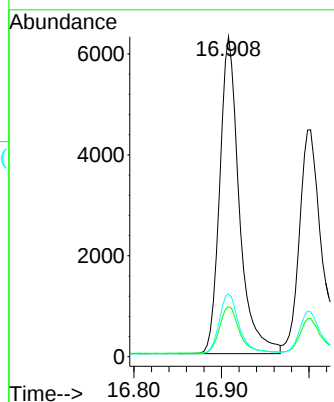
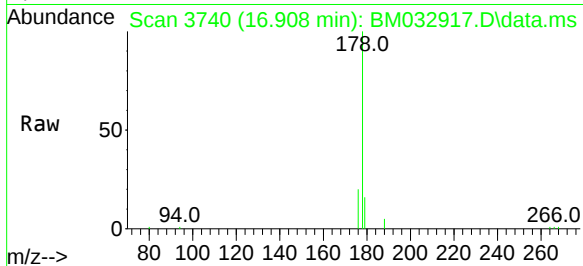




#15
Phenanthrene
Concen: 0.349 ng/u1
RT: 16.908 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM032917.D
Acq: 09 Nov 2021 17:10

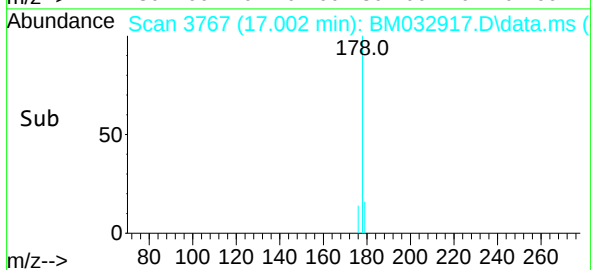
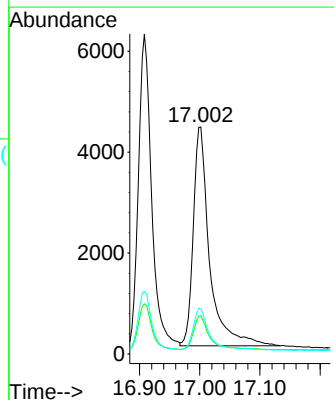
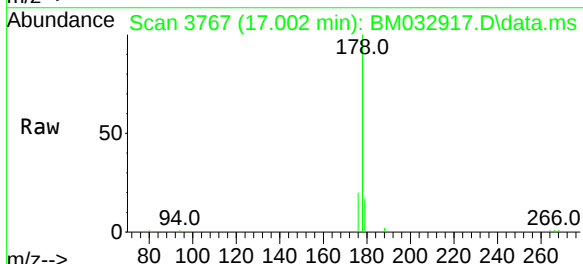
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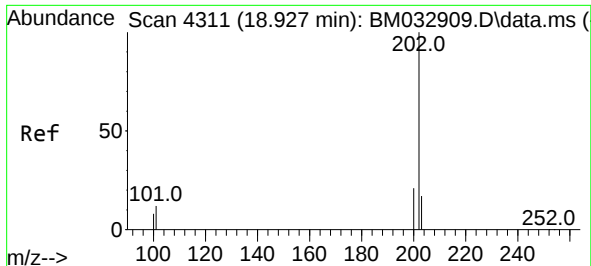
Tgt Ion:178 Resp: 9733
Ion Ratio Lower Upper
178 100
179 15.7 12.9 19.3
176 19.6 16.0 24.0



#16
Anthracene
Concen: 0.335 ng/u1
RT: 17.002 min Scan# 3767
Delta R.T. 0.004 min
Lab File: BM032917.D
Acq: 09 Nov 2021 17:10

Tgt Ion:178 Resp: 8191
Ion Ratio Lower Upper
178 100
179 16.9 13.0 19.6
176 19.7 15.6 23.4

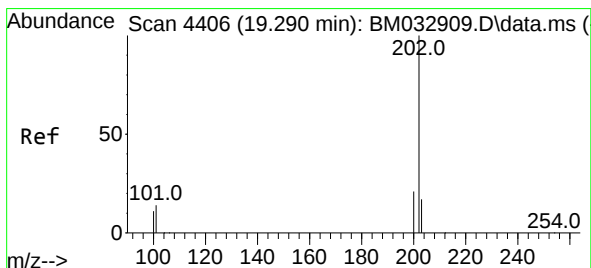
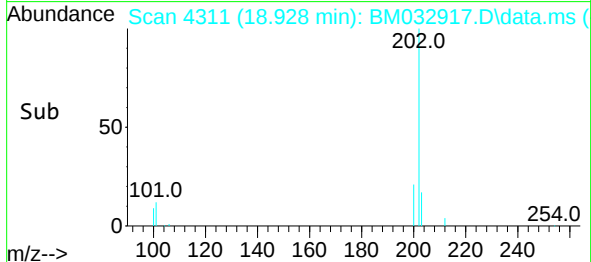
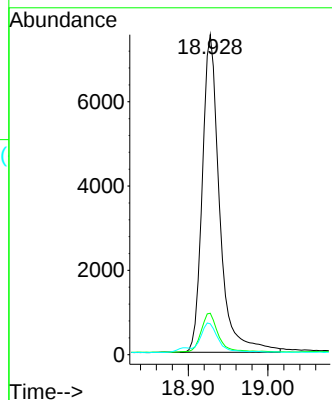
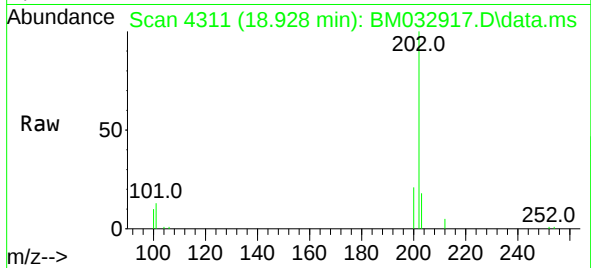




#19
Fluoranthene
Concen: 0.368 ng/ul
RT: 18.928 min Scan# 4311
Delta R.T. 0.000 min
Lab File: BM032917.D
Acq: 09 Nov 2021 17:10

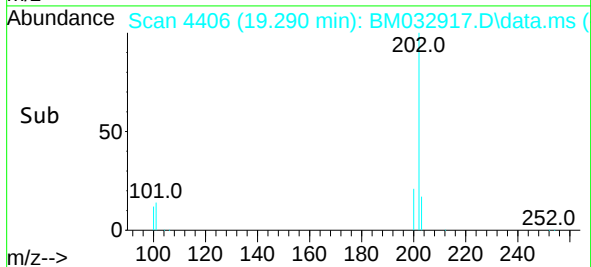
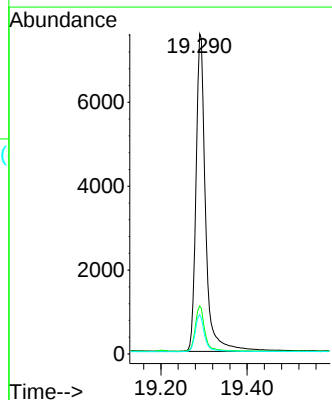
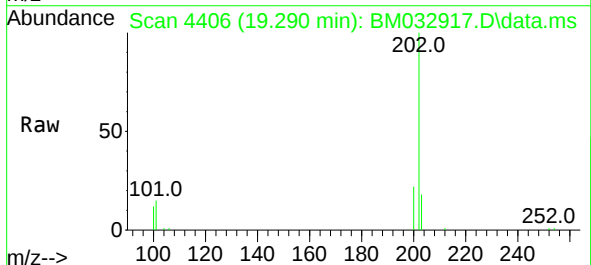
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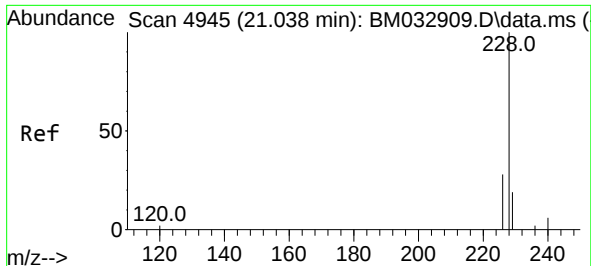
Tgt Ion:202 Resp: 11360
Ion Ratio Lower Upper
202 100
101 12.9 9.9 14.9
100 9.7 7.3 10.9



#20
Pyrene
Concen: 0.364 ng/ul
RT: 19.290 min Scan# 4406
Delta R.T. 0.000 min
Lab File: BM032917.D
Acq: 09 Nov 2021 17:10

Tgt Ion:202 Resp: 11690
Ion Ratio Lower Upper
202 100
101 15.0 11.8 17.6
100 12.3 9.5 14.3

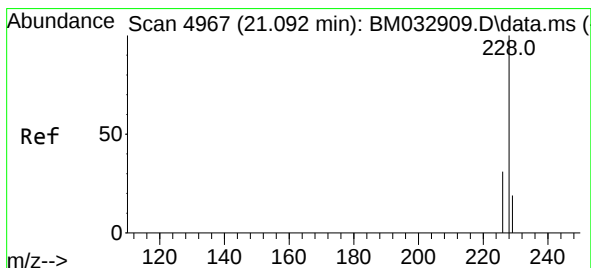
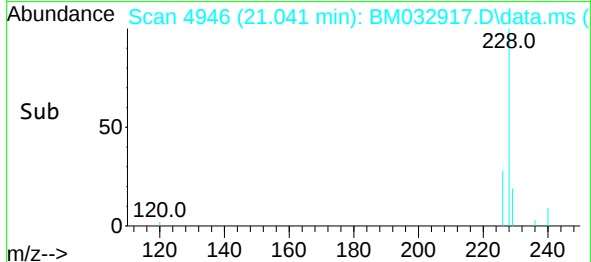
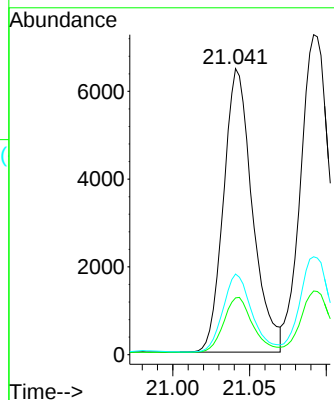
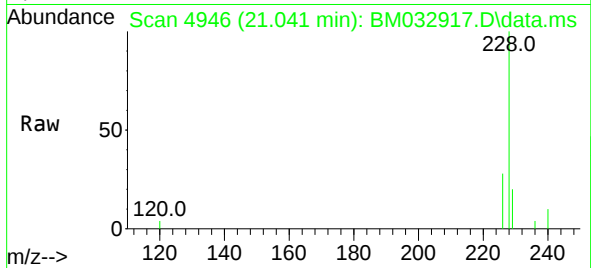




#21
Benzo(a)anthracene
Concen: 0.348 ng/ul
RT: 21.041 min Scan# 4945
Delta R.T. 0.003 min
Lab File: BM032917.D
Acq: 09 Nov 2021 17:10

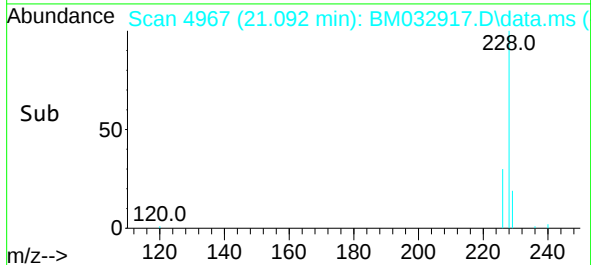
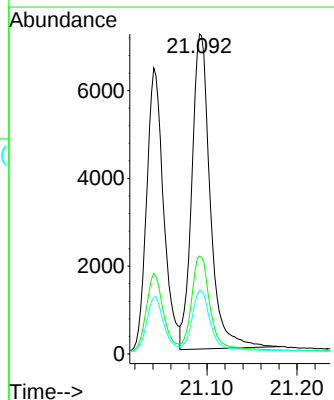
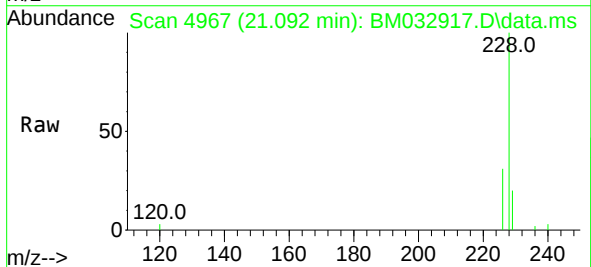
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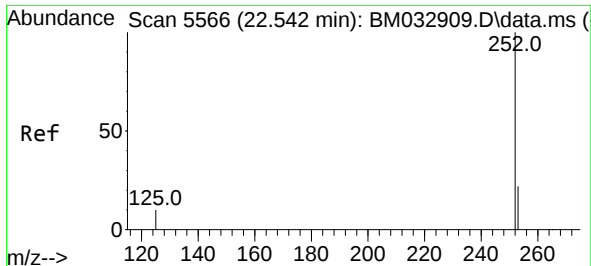
Tgt Ion:228 Resp: 8470
Ion Ratio Lower Upper
228 100
229 19.8 15.7 23.5
226 28.2 22.4 33.6



#22
Chrysene
Concen: 0.370 ng/ul
RT: 21.092 min Scan# 4967
Delta R.T. 0.000 min
Lab File: BM032917.D
Acq: 09 Nov 2021 17:10

Tgt Ion:228 Resp: 10158
Ion Ratio Lower Upper
228 100
226 30.6 24.9 37.3
229 19.9 16.1 24.1

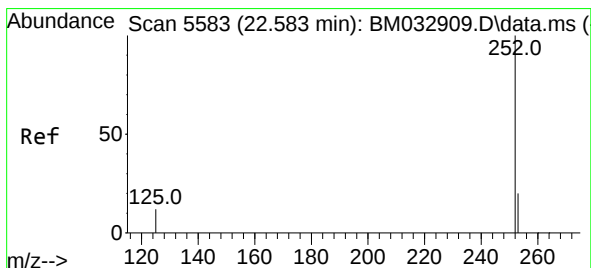
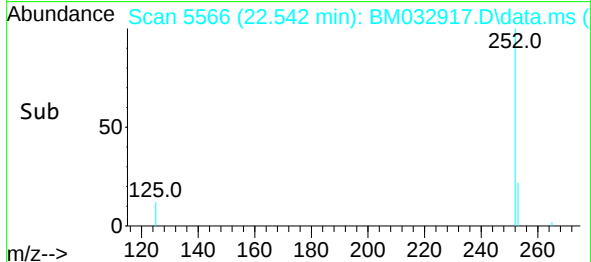
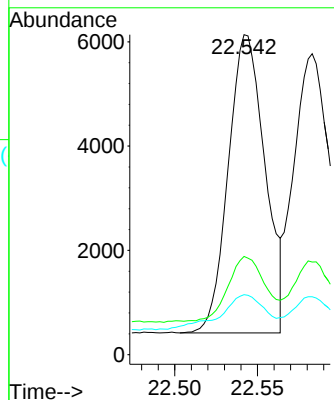
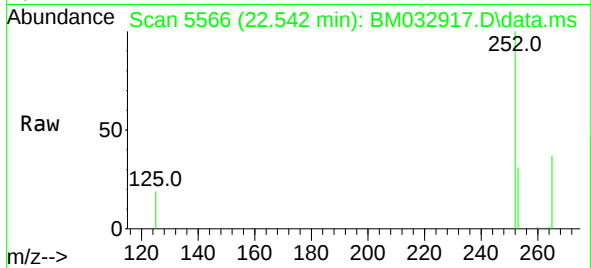




#24
Benzo(b)fluoranthene
Concen: 0.379 ng/ul
RT: 22.542 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM032917.D
Acq: 09 Nov 2021 17:10

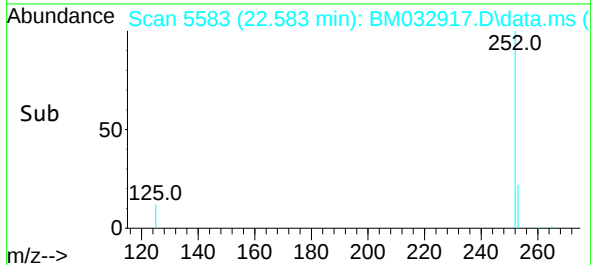
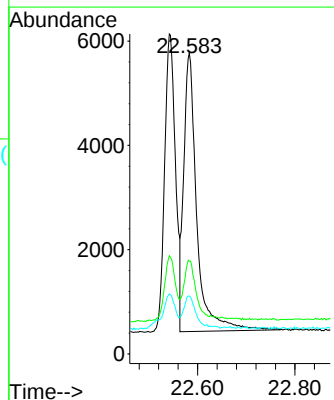
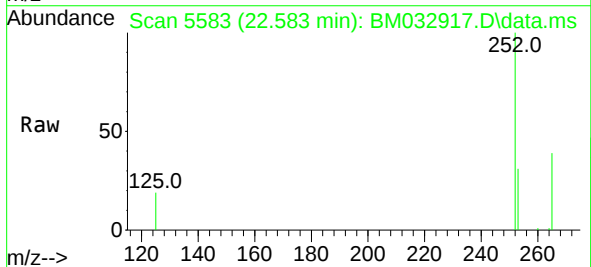
Instrument :
BNA_M
ClientSampleId :
SLCS595

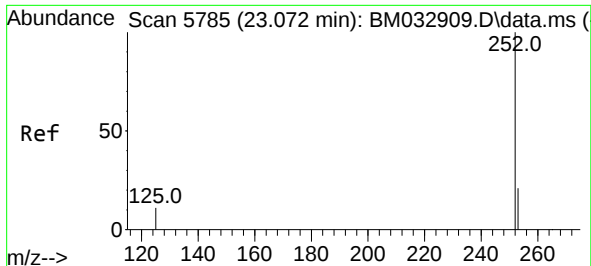
Tgt Ion:252 Resp: 8865
Ion Ratio Lower Upper
252 100
253 30.7 0.0 59.2
125 18.8 0.0 34.2



#25
Benzo(k)fluoranthene
Concen: 0.394 ng/ul
RT: 22.583 min Scan# 5583
Delta R.T. 0.000 min
Lab File: BM032917.D
Acq: 09 Nov 2021 17:10

Tgt Ion:252 Resp: 9902
Ion Ratio Lower Upper
252 100
253 30.8 23.1 34.7
125 19.2 14.6 21.8

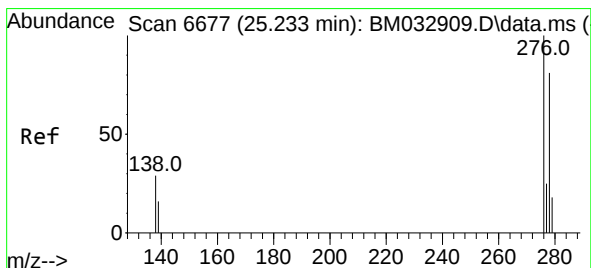
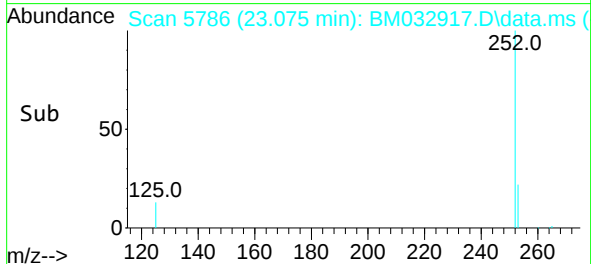
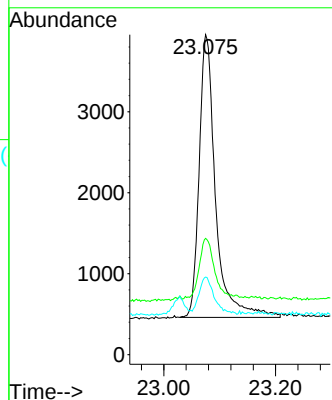
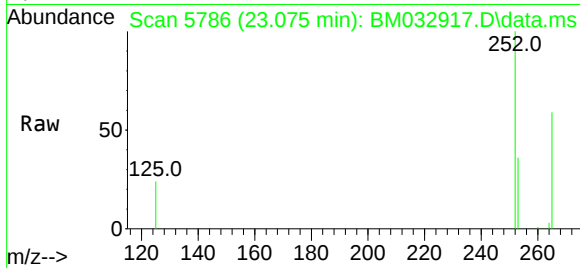




#26
Benzo(a)pyrene
Concen: 0.368 ng/ul
RT: 23.075 min Scan# 51
Delta R.T. 0.003 min
Lab File: BM032917.D
Acq: 09 Nov 2021 17:10

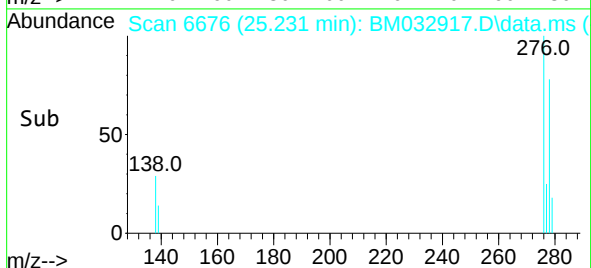
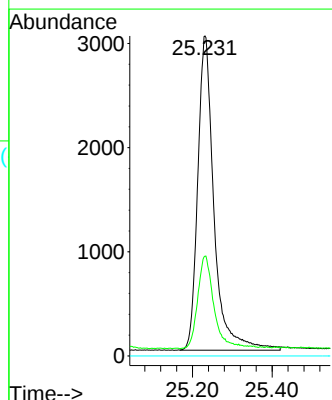
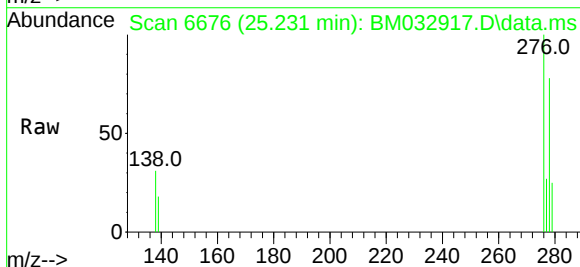
Instrument :
BNA_M
ClientSampleId :
SLCS595

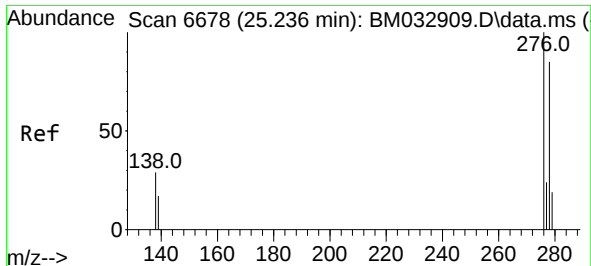
Tgt Ion:252 Resp: 7104
Ion Ratio Lower Upper
252 100
253 36.3 27.1 40.7
125 24.3 17.4 26.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.387 ng/ul
RT: 25.231 min Scan# 6676
Delta R.T. -0.002 min
Lab File: BM032917.D
Acq: 09 Nov 2021 17:10

Tgt Ion:276 Resp: 8594
Ion Ratio Lower Upper
276 100
138 29.8 22.9 34.3
227 0.0 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.388 ng/ul

RT: 25.236 min Scan# 6

Delta R.T. 0.000 min

Lab File: BM032917.D

Acq: 09 Nov 2021 17:10

Instrument :

BNA_M

ClientSampleId :

SLCS595

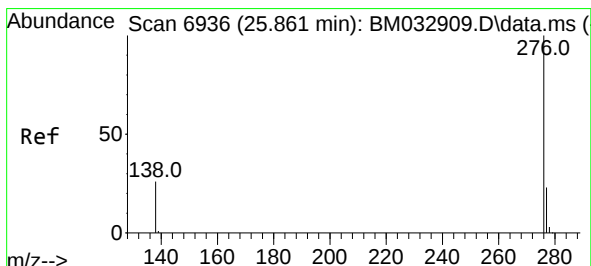
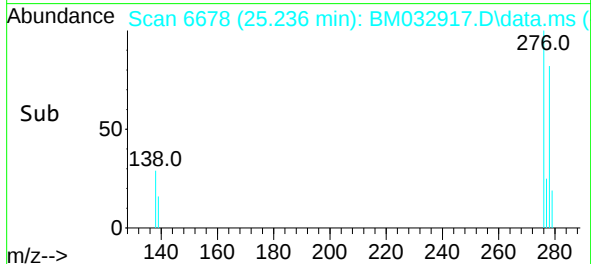
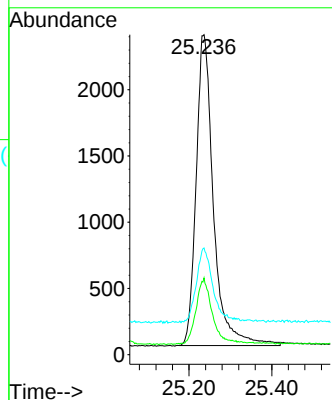
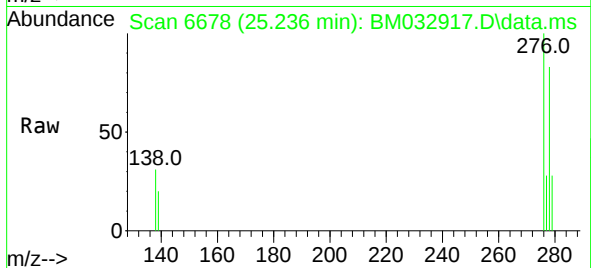
Tgt Ion:278 Resp: 6835

Ion Ratio Lower Upper

278 100

139 24.0 18.2 27.2

279 33.4 24.6 36.8



#29

Benzo(g,h,i)perylene

Concen: 0.396 ng/ul

RT: 25.864 min Scan# 6937

Delta R.T. 0.003 min

Lab File: BM032917.D

Acq: 09 Nov 2021 17:10

Tgt Ion:276 Resp: 7640

Ion Ratio Lower Upper

276 100

138 28.5 22.2 33.2

277 26.4 21.0 31.4

