

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036919.D
 Acq On : 10 Oct 2022 22:35
 Operator : CG/JU
 Sample : PB148151BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS151

Quant Time: Oct 11 02:18:45 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 : Mon Oct 10 00:54:15 2022
 Response via : Initial Calibration

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

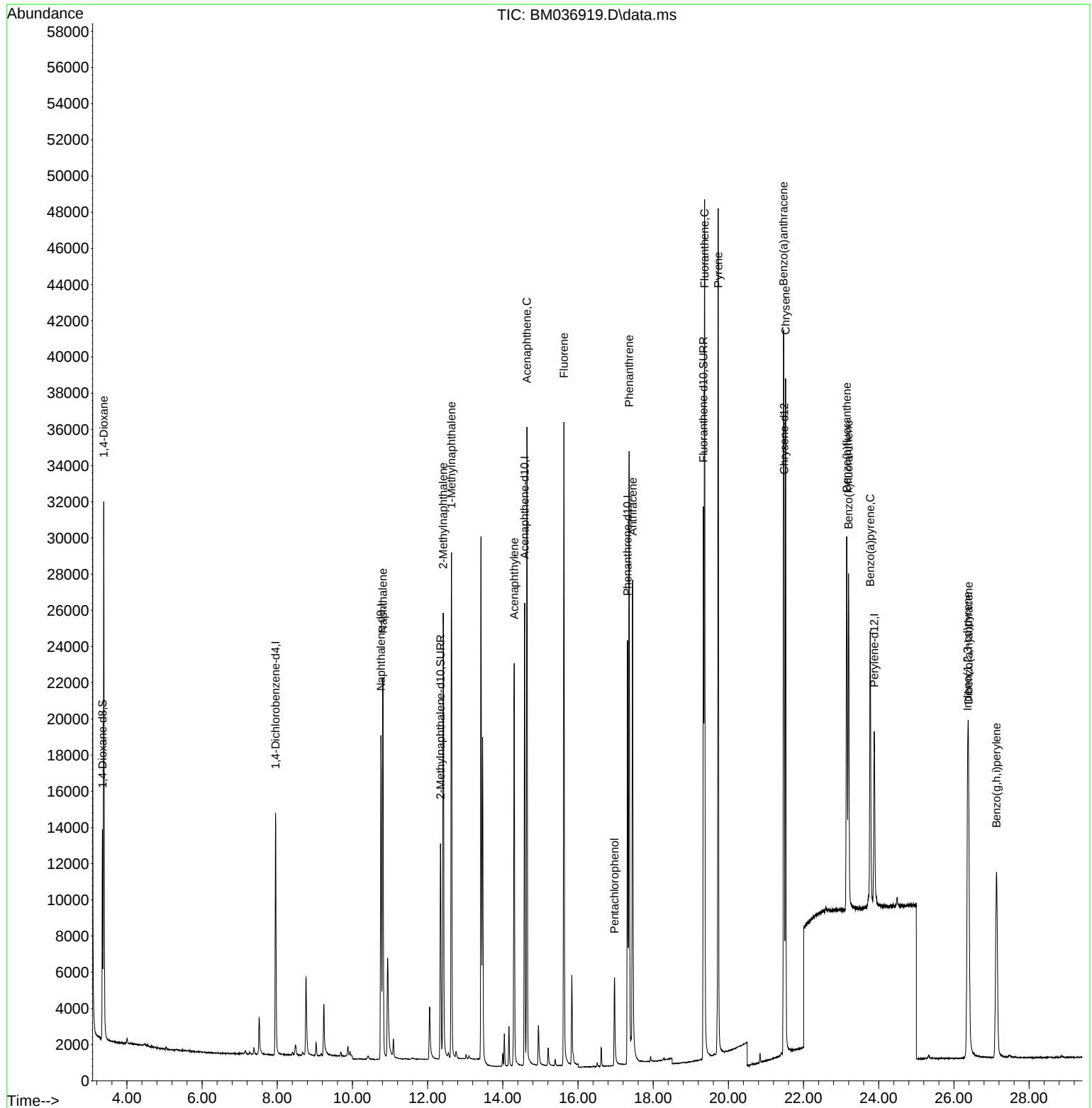
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	7175	0.400	ng/ul	0.00
4) Naphthalene-d8	10.759	136	24936	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.580	164	14163	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.318	188	29107	0.400	ng/ul	0.00
17) Chrysene-d12	21.484	240	19722	0.400	ng/ul	0.00
23) Perylene-d12	23.881	264	14001	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	7308	0.722	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.343	152	16895	0.449	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	33167	0.562	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.386	88	19563	1.978	ng/ul#	76
5) Naphthalene	10.809	128	29072	0.408	ng/ul	97
7) 2-Methylnaphthalene	12.415	142	18847	0.432	ng/ul	91
8) 1-Methylnaphthalene	12.635	142	19451	0.439	ng/ul	99
10) Acenaphthylene	14.303	152	25952	0.441	ng/ul	98
11) Acenaphthene	14.641	153	20508	0.401	ng/ul	99
12) Fluorene	15.626	166	23298	0.402	ng/ul	100
14) Pentachlorophenol	16.972	266	4027	0.572	ng/ul	98
15) Phenanthrene	17.361	178	37849	0.407	ng/ul	99
16) Anthracene	17.453	178	32705	0.421	ng/ul	99
19) Fluoranthene	19.369	202	41392	0.528	ng/ul	97
20) Pyrene	19.732	202	41162	0.503	ng/ul	97
21) Benzo(a)anthracene	21.470	228	30881	0.433	ng/ul	99
22) Chrysene	21.522	228	32745	0.428	ng/ul	99
24) Benzo(b)fluoranthene	23.150	252	26891	0.430	ng/ul	96
25) Benzo(k)fluoranthene	23.197	252	25218	0.414	ng/ul	94
26) Benzo(a)pyrene	23.776	252	24382	0.480	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.365	276	26869	0.374	ng/ul	99
28) Dibenzo(a,h)anthracene	26.389	278	22068	0.380	ng/ul	92
29) Benzo(g,h,i)perylene	27.134	276	23900	0.377	ng/ul	98

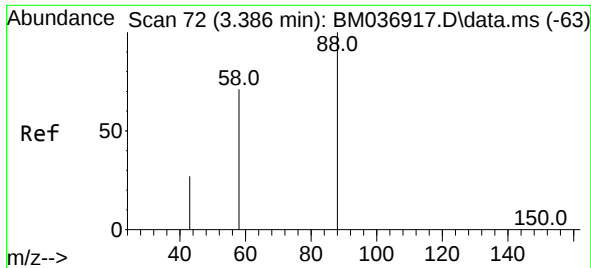
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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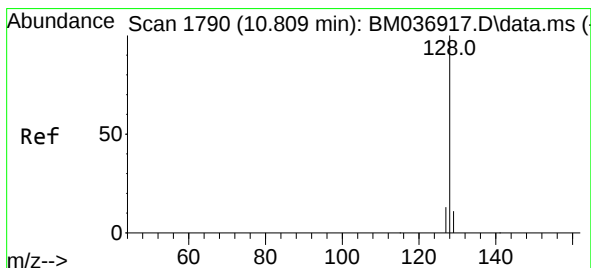
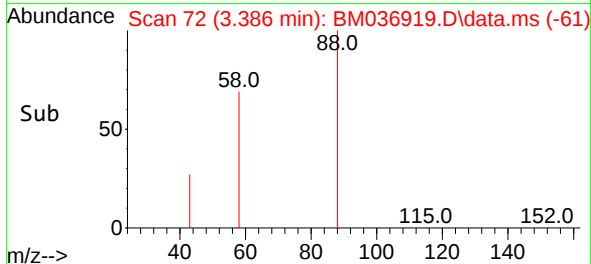
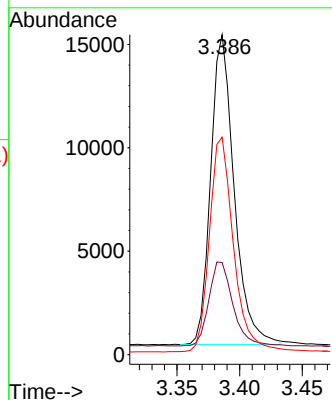
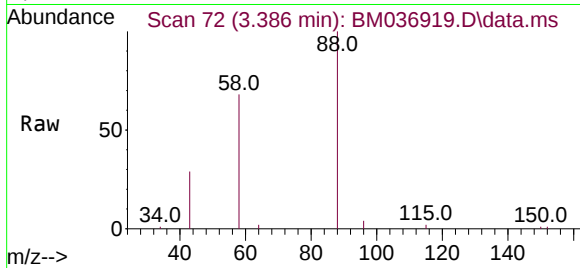




#2
 1,4-Dioxane
 Concen: 1.978 ng/ul
 RT: 3.386 min Scan# 72
 Delta R.T. -0.004 min
 Lab File: BM036919.D
 Acq: 10 Oct 2022 22:35

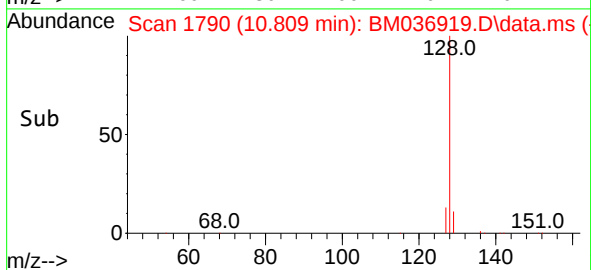
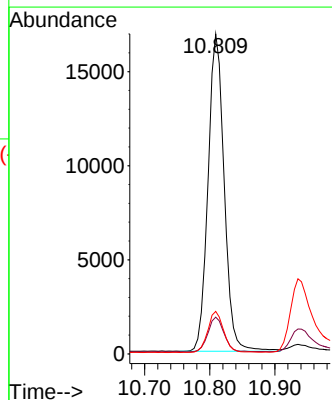
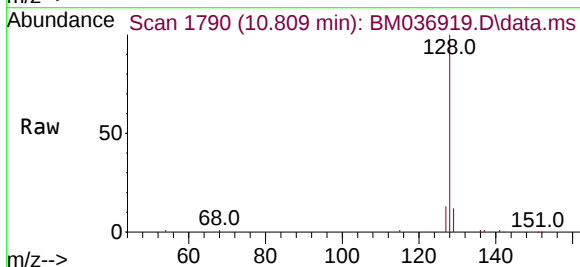
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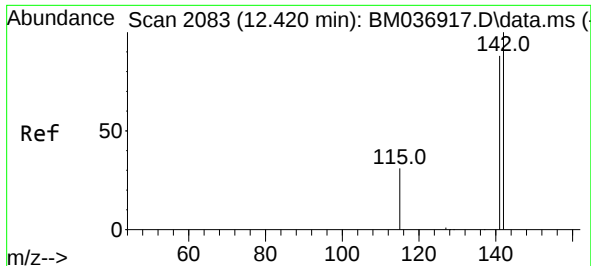
Tgt Ion: 88 Resp: 19563
 Ion Ratio Lower Upper
 88 100
 43 28.8 37.8 56.6#
 58 67.9 42.6 63.8#



#5
 Naphthalene
 Concen: 0.408 ng/ul
 RT: 10.809 min Scan# 1790
 Delta R.T. -0.006 min
 Lab File: BM036919.D
 Acq: 10 Oct 2022 22:35

Tgt Ion: 128 Resp: 29072
 Ion Ratio Lower Upper
 128 100
 129 11.5 10.2 15.2
 127 13.3 11.7 17.5

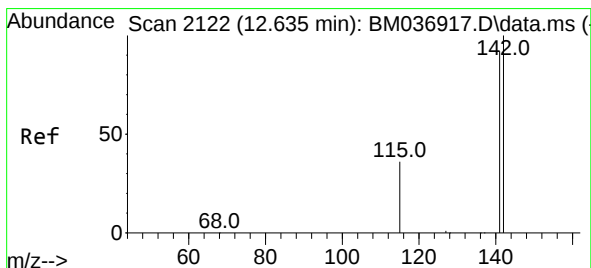
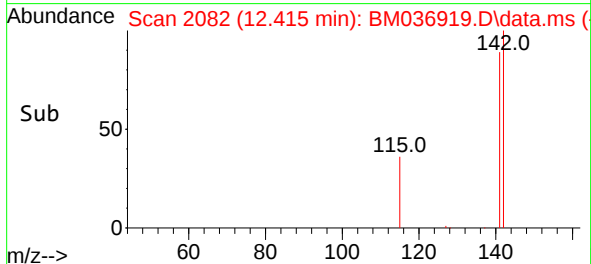
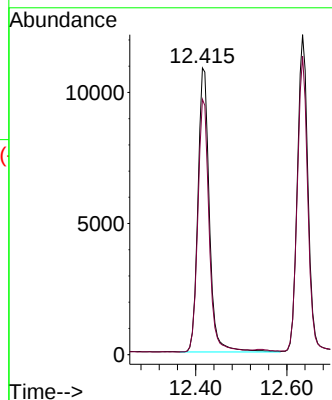
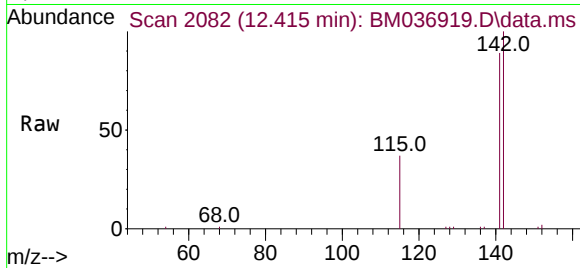




#7
2-Methylnaphthalene
Concen: 0.432 ng/ul
RT: 12.415 min Scan# 2083
Delta R.T. -0.006 min
Lab File: BM036919.D
Acq: 10 Oct 2022 22:35

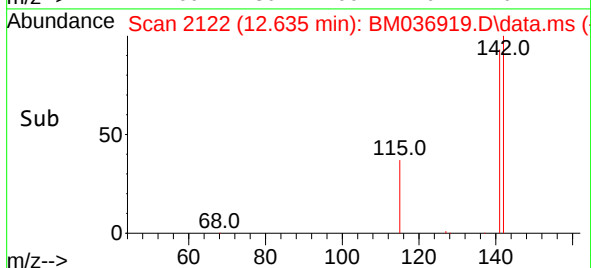
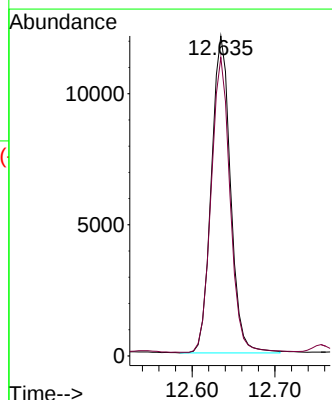
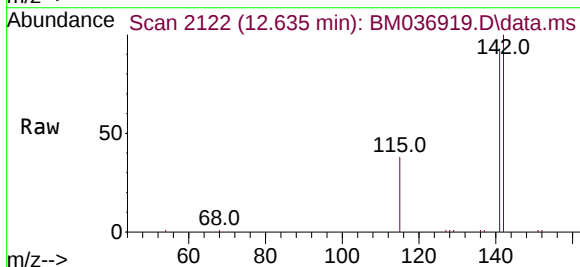
Instrument :
BNA_M
ClientSampleId :
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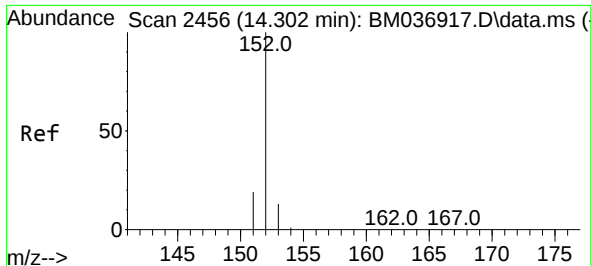
Tgt Ion:142 Resp: 18847
Ion Ratio Lower Upper
142 100
141 88.3 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.439 ng/ul
RT: 12.635 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BM036919.D
Acq: 10 Oct 2022 22:35

Tgt Ion:142 Resp: 19451
Ion Ratio Lower Upper
142 100
141 91.8 74.1 111.1

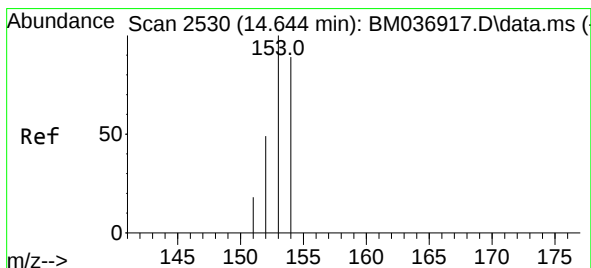
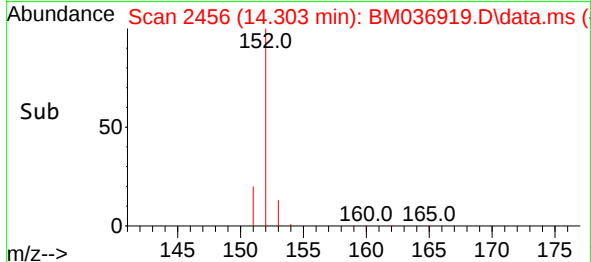
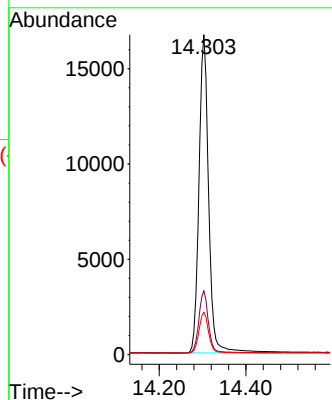
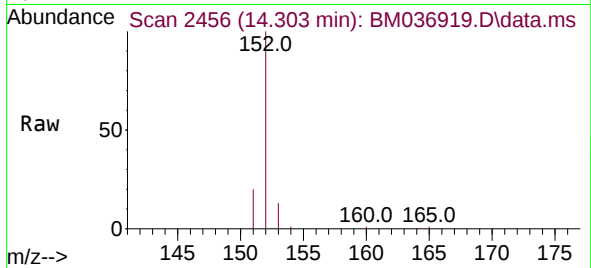




#10
Acenaphthylene
Concen: 0.441 ng/ul
RT: 14.303 min Scan# 2456
Delta R.T. -0.005 min
Lab File: BM036919.D
Acq: 10 Oct 2022 22:35

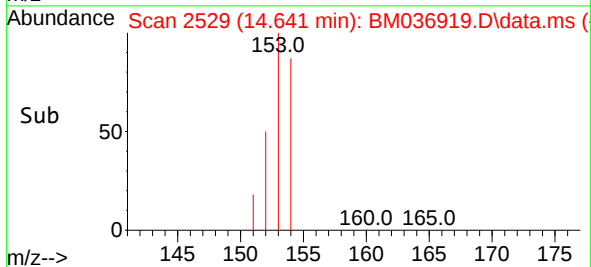
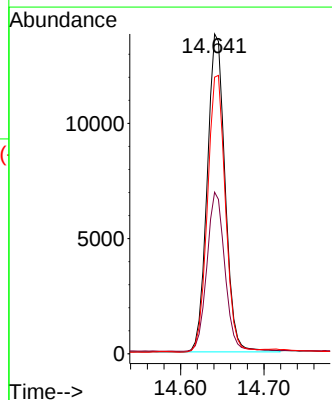
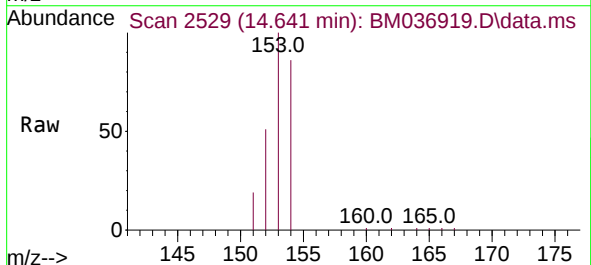
Instrument :
BNA_M
ClientSampleId :
SLCS151

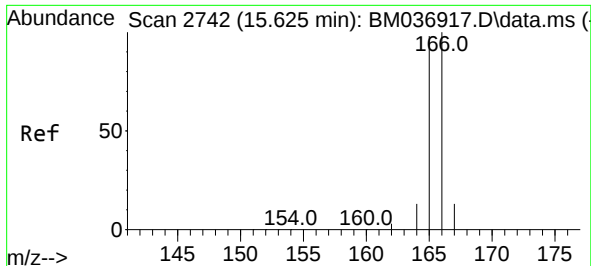
Tgt Ion:152	Resp:	25952
Ion Ratio	Lower	Upper
152	100	
151	19.9	16.6 24.8
153	13.2	11.4 17.0



#11
Acenaphthene
Concen: 0.401 ng/ul
RT: 14.641 min Scan# 2529
Delta R.T. -0.005 min
Lab File: BM036919.D
Acq: 10 Oct 2022 22:35

Tgt Ion:153	Resp:	20508
Ion Ratio	Lower	Upper
153	100	
152	50.5	40.2 60.4
154	86.5	69.7 104.5

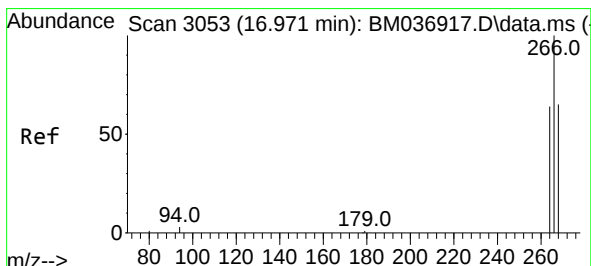
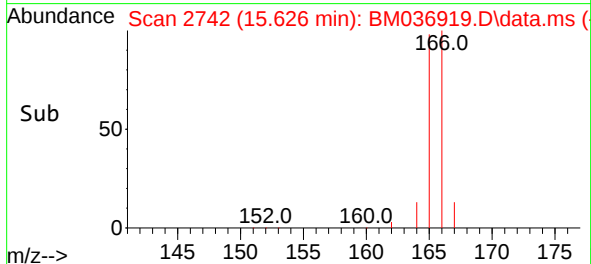
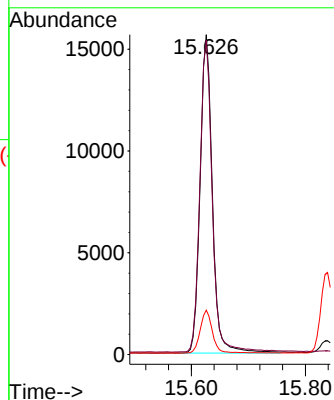
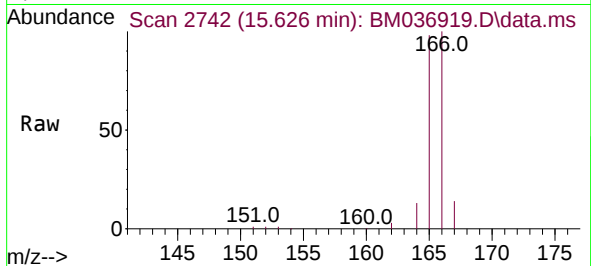




#12
Fluorene
Concen: 0.402 ng/ul
RT: 15.626 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM036919.D
Acq: 10 Oct 2022 22:35

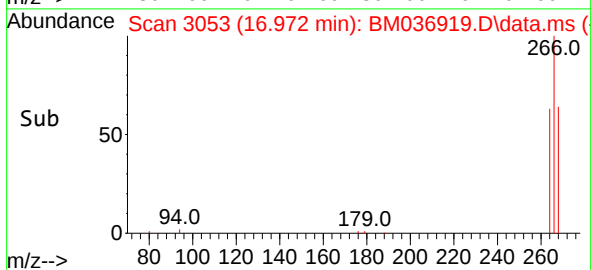
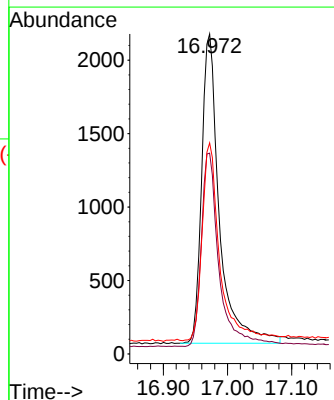
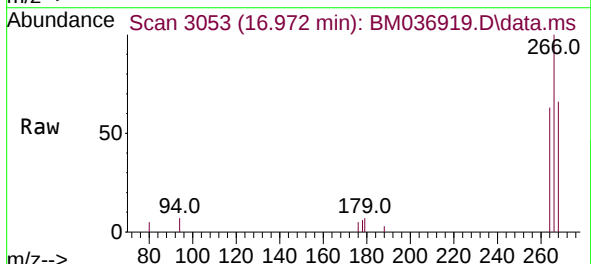
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ClientSampleId :
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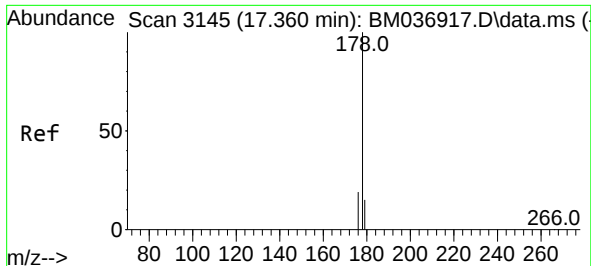
Tgt Ion:166 Resp: 23298
Ion Ratio Lower Upper
166 100
165 98.3 78.9 118.3
167 13.9 11.3 16.9



#14
Pentachlorophenol
Concen: 0.572 ng/ul
RT: 16.972 min Scan# 3053
Delta R.T. -0.004 min
Lab File: BM036919.D
Acq: 10 Oct 2022 22:35

Tgt Ion:266 Resp: 4027
Ion Ratio Lower Upper
266 100
264 63.0 50.3 75.5
268 64.4 53.5 80.3

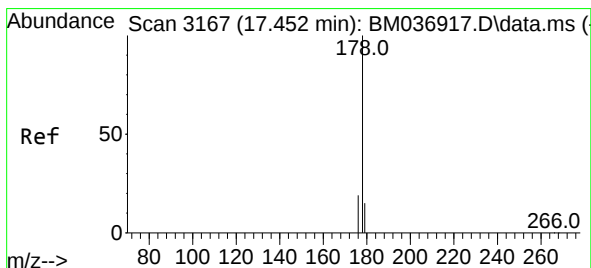
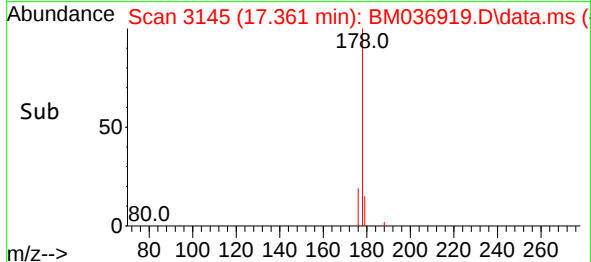
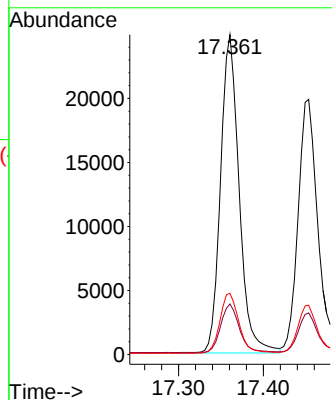
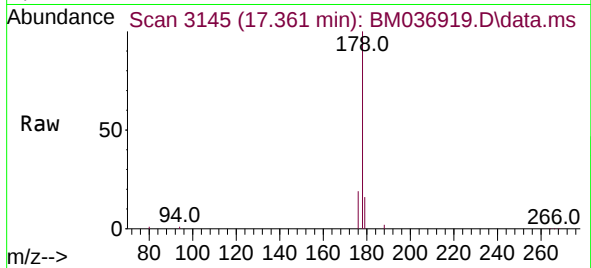




#15
Phenanthrene
Concen: 0.407 ng/ul
RT: 17.361 min Scan# 3145
Delta R.T. -0.004 min
Lab File: BM036919.D
Acq: 10 Oct 2022 22:35

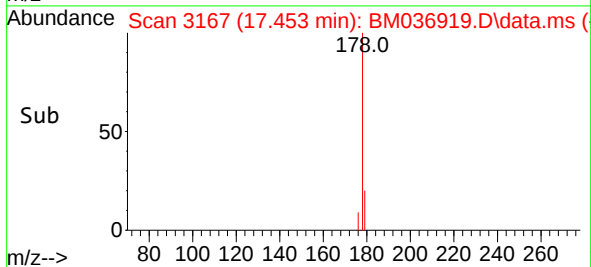
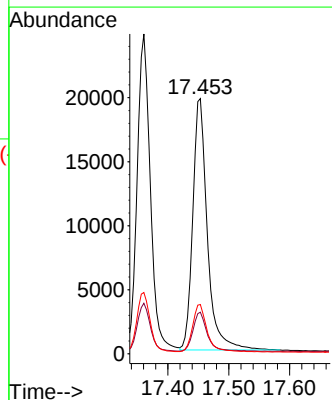
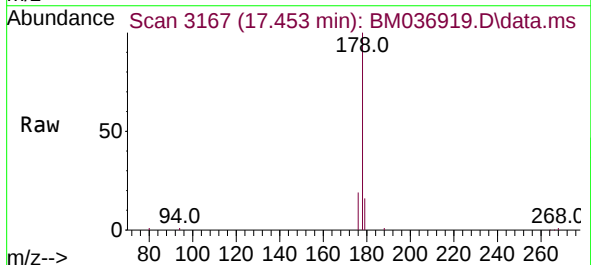
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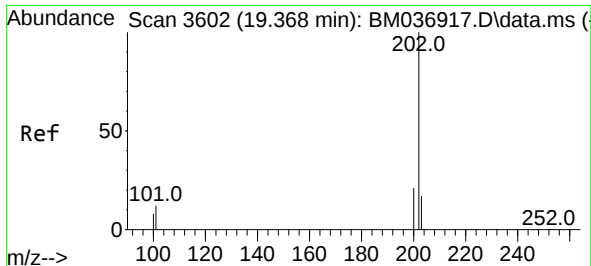
Tgt Ion:178 Resp: 37849
Ion Ratio Lower Upper
178 100
179 15.8 13.0 19.6
176 19.2 15.6 23.4



#16
Anthracene
Concen: 0.421 ng/ul
RT: 17.453 min Scan# 3167
Delta R.T. -0.000 min
Lab File: BM036919.D
Acq: 10 Oct 2022 22:35

Tgt Ion:178 Resp: 32705
Ion Ratio Lower Upper
178 100
179 16.3 13.6 20.4
176 19.3 15.6 23.4

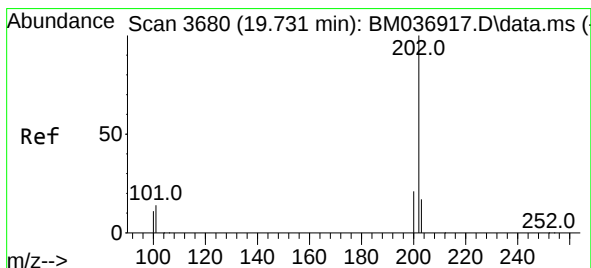
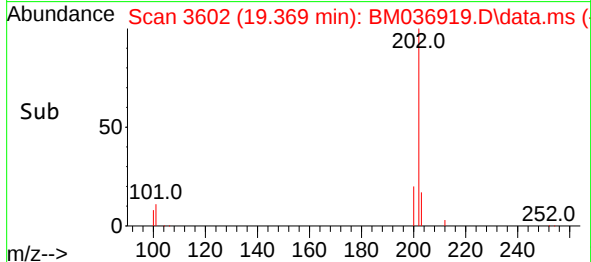
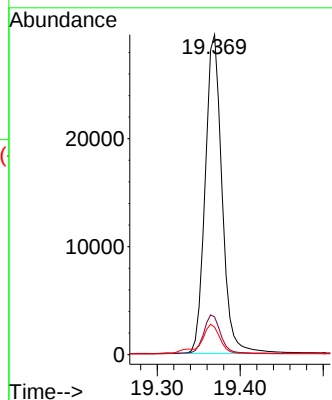
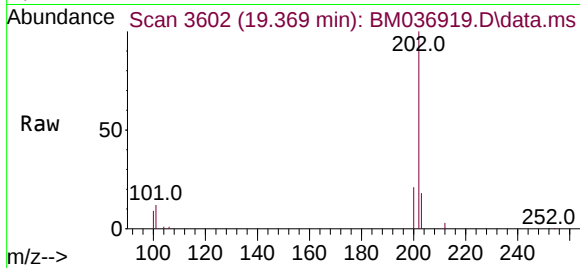




#19
Fluoranthene
Concen: 0.528 ng/u1
RT: 19.369 min Scan# 3602
Delta R.T. -0.005 min
Lab File: BM036919.D
Acq: 10 Oct 2022 22:35

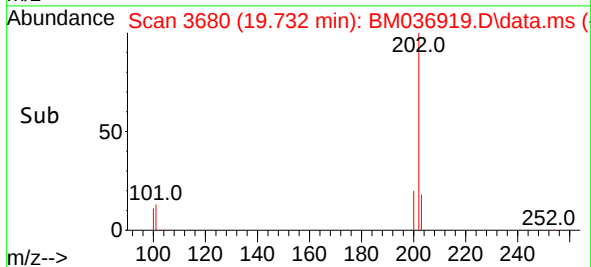
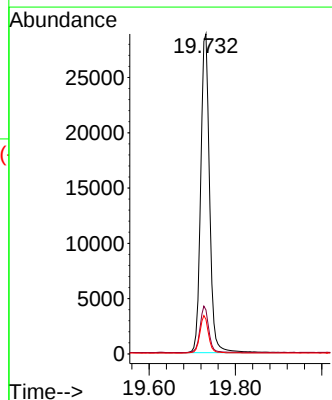
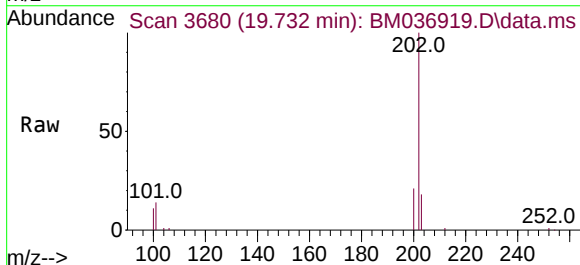
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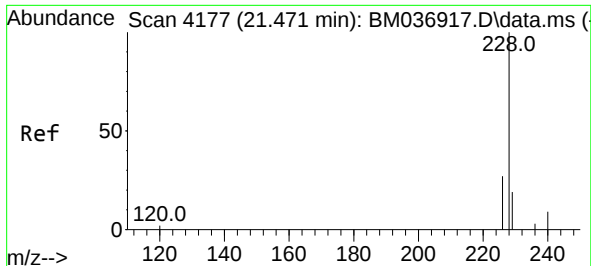
Tgt Ion:202 Resp: 41392
Ion Ratio Lower Upper
202 100
101 11.8 10.1 15.1
100 8.6 7.9 11.9



#20
Pyrene
Concen: 0.503 ng/u1
RT: 19.732 min Scan# 3680
Delta R.T. -0.000 min
Lab File: BM036919.D
Acq: 10 Oct 2022 22:35

Tgt Ion:202 Resp: 41162
Ion Ratio Lower Upper
202 100
101 13.7 12.0 18.0
100 10.8 9.8 14.6

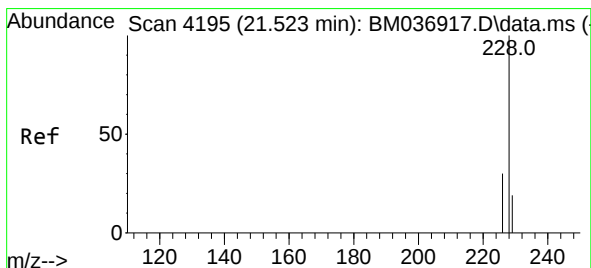
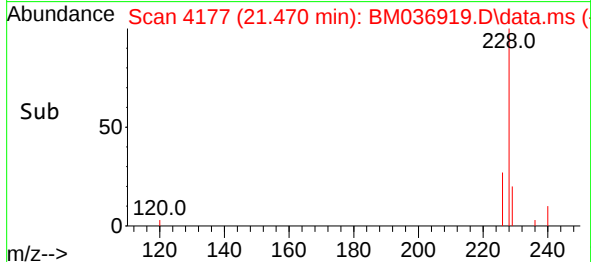
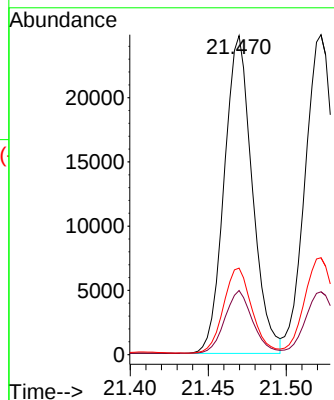
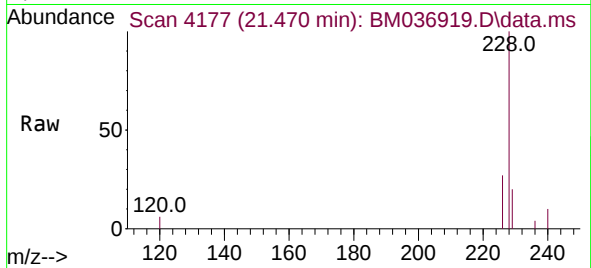




#21
Benzo(a)anthracene
Concen: 0.433 ng/ul
RT: 21.470 min Scan# 4177
Delta R.T. -0.003 min
Lab File: BM036919.D
Acq: 10 Oct 2022 22:35

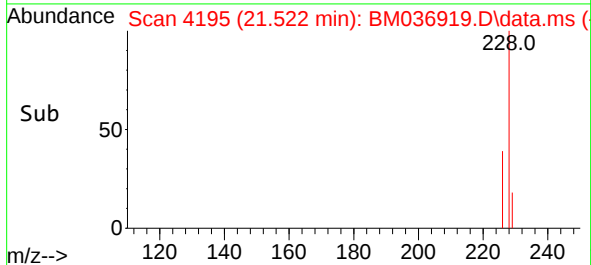
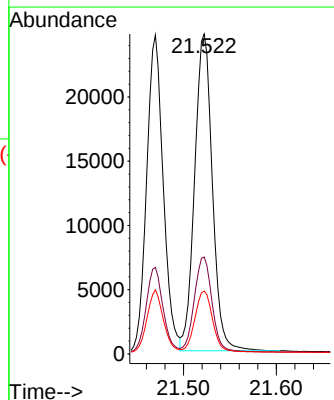
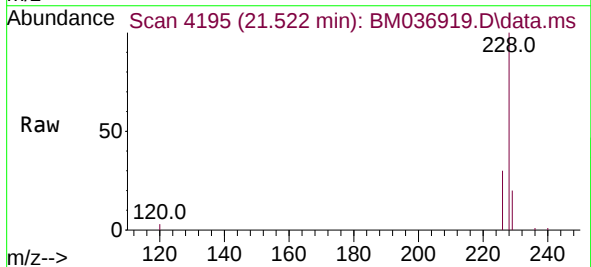
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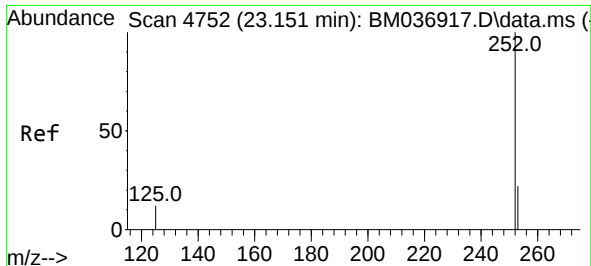
Tgt Ion:228 Resp: 30881
Ion Ratio Lower Upper
228 100
229 20.1 16.2 24.2
226 27.1 22.5 33.7



#22
Chrysene
Concen: 0.428 ng/ul
RT: 21.522 min Scan# 4195
Delta R.T. -0.003 min
Lab File: BM036919.D
Acq: 10 Oct 2022 22:35

Tgt Ion:228 Resp: 32745
Ion Ratio Lower Upper
228 100
226 30.3 24.6 37.0
229 19.6 16.4 24.6

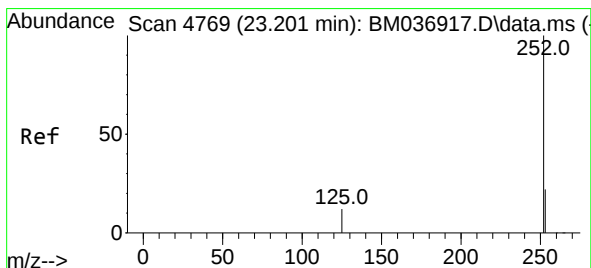
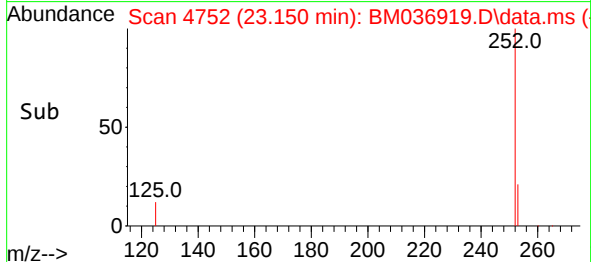
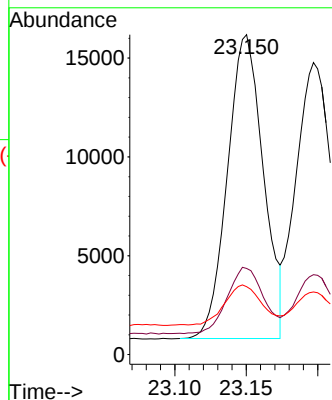
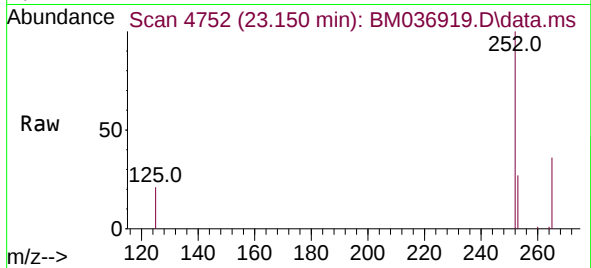




#24
Benzo(b)fluoranthene
Concen: 0.430 ng/ul
RT: 23.150 min Scan# 4752
Delta R.T. -0.006 min
Lab File: BM036919.D
Acq: 10 Oct 2022 22:35

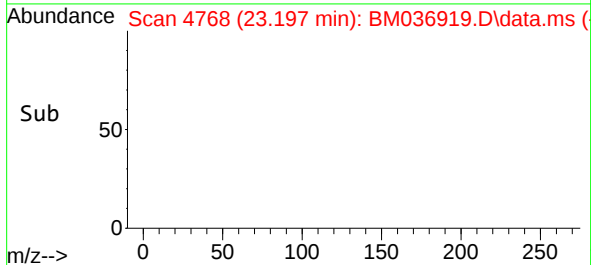
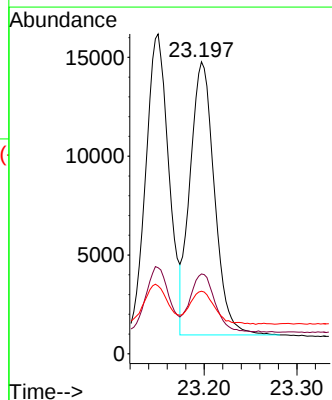
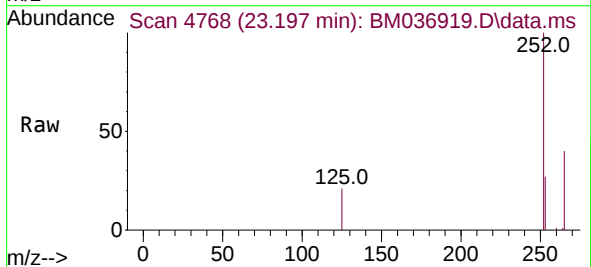
Instrument :
BNA_M
ClientSampleId :
SLCS151

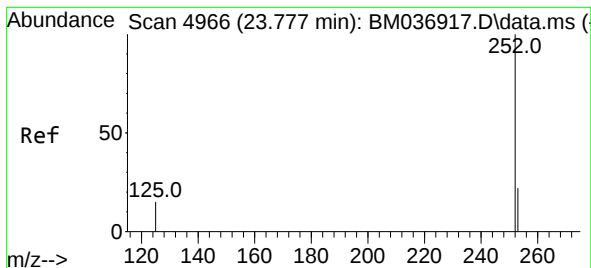
Tgt Ion:252 Resp: 26891
Ion Ratio Lower Upper
252 100
253 26.9 0.0 61.4
125 21.2 0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.414 ng/ul
RT: 23.197 min Scan# 4768
Delta R.T. -0.006 min
Lab File: BM036919.D
Acq: 10 Oct 2022 22:35

Tgt Ion:252 Resp: 25218
Ion Ratio Lower Upper
252 100
253 27.4 25.2 37.8
125 21.5 18.3 27.5





#26

Benzo(a)pyrene

Concen: 0.480 ng/ul

RT: 23.776 min Scan# 4966

Delta R.T. -0.006 min

Lab File: BM036919.D

Acq: 10 Oct 2022 22:35

Instrument :

BNA_M

ClientSampleId :

SLCS151

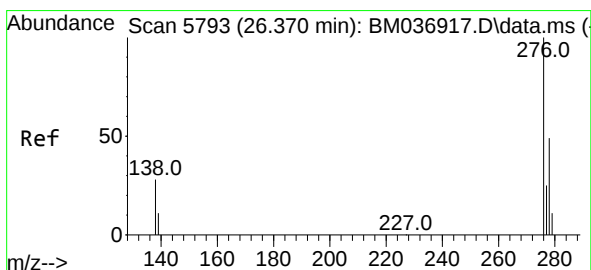
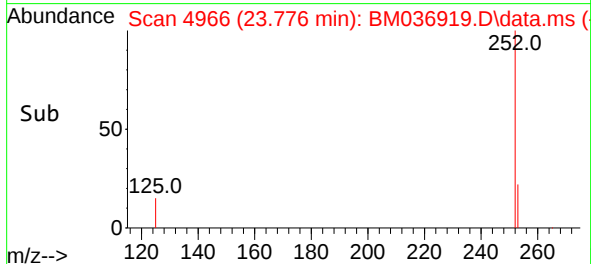
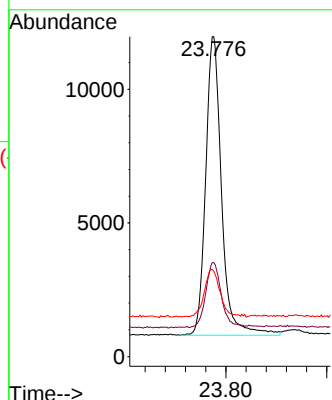
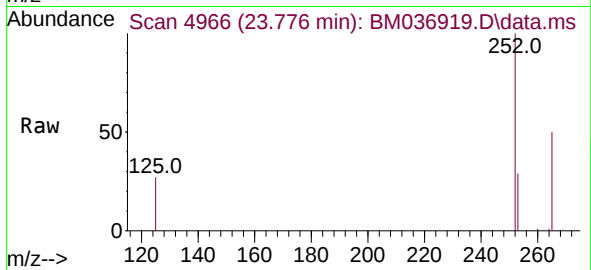
Tgt Ion:252 Resp: 24382

Ion Ratio Lower Upper

252 100

253 29.4 29.7 44.5#

125 26.7 23.6 35.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.374 ng/ul

RT: 26.365 min Scan# 5792

Delta R.T. -0.017 min

Lab File: BM036919.D

Acq: 10 Oct 2022 22:35

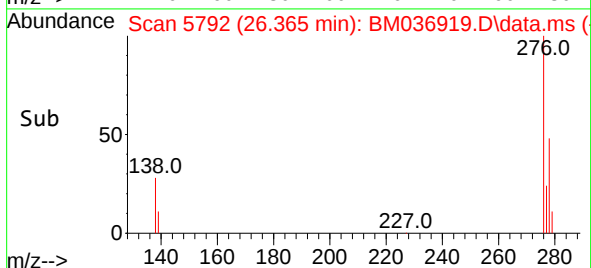
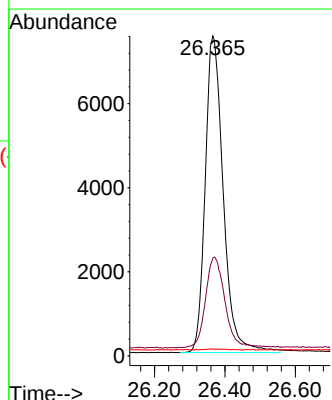
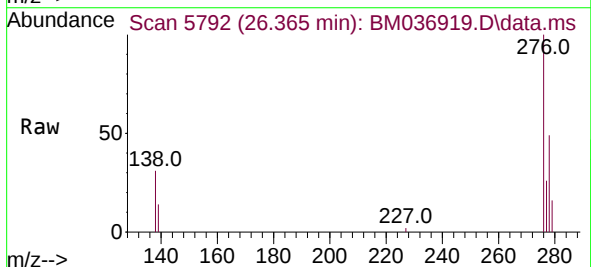
Tgt Ion:276 Resp: 26869

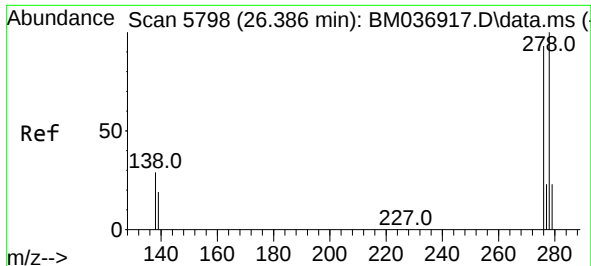
Ion Ratio Lower Upper

276 100

138 30.4 23.9 35.9

227 0.1 0.1 0.1

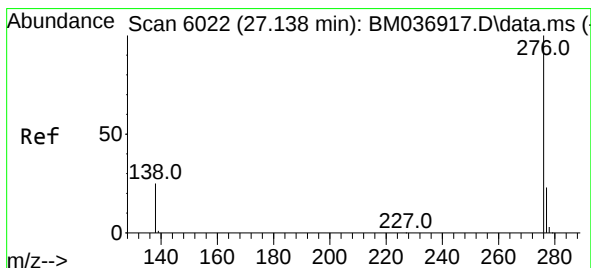
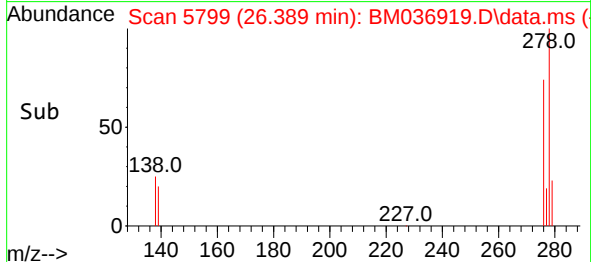
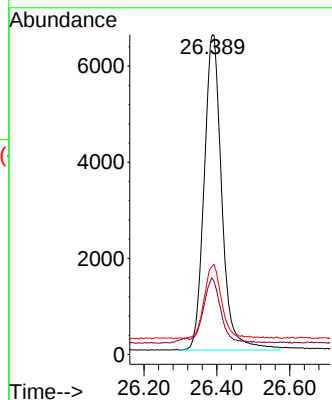
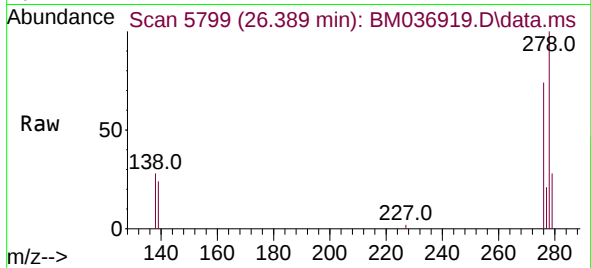




#28
Dibenzo(a,h)anthracene
Concen: 0.380 ng/ul
RT: 26.389 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM036919.D
Acq: 10 Oct 2022 22:35

Instrument :
BNA_M
ClientSampleId :
SLCS151

Tgt Ion:278 Resp: 22068
Ion Ratio Lower Upper
278 100
139 23.5 19.8 29.6
279 27.8 27.7 41.5



#29
Benzo(g,h,i)perylene
Concen: 0.377 ng/ul
RT: 27.134 min Scan# 6021
Delta R.T. -0.013 min
Lab File: BM036919.D
Acq: 10 Oct 2022 22:35

Tgt Ion:276 Resp: 23900
Ion Ratio Lower Upper
276 100
138 28.4 23.4 35.0
277 25.2 21.0 31.4

