

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036938.D
 Acq On : 11 Oct 2022 10:18
 Operator : CG/JU
 Sample : PB148151BS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS151

Quant Time: Oct 12 01:25:33 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)

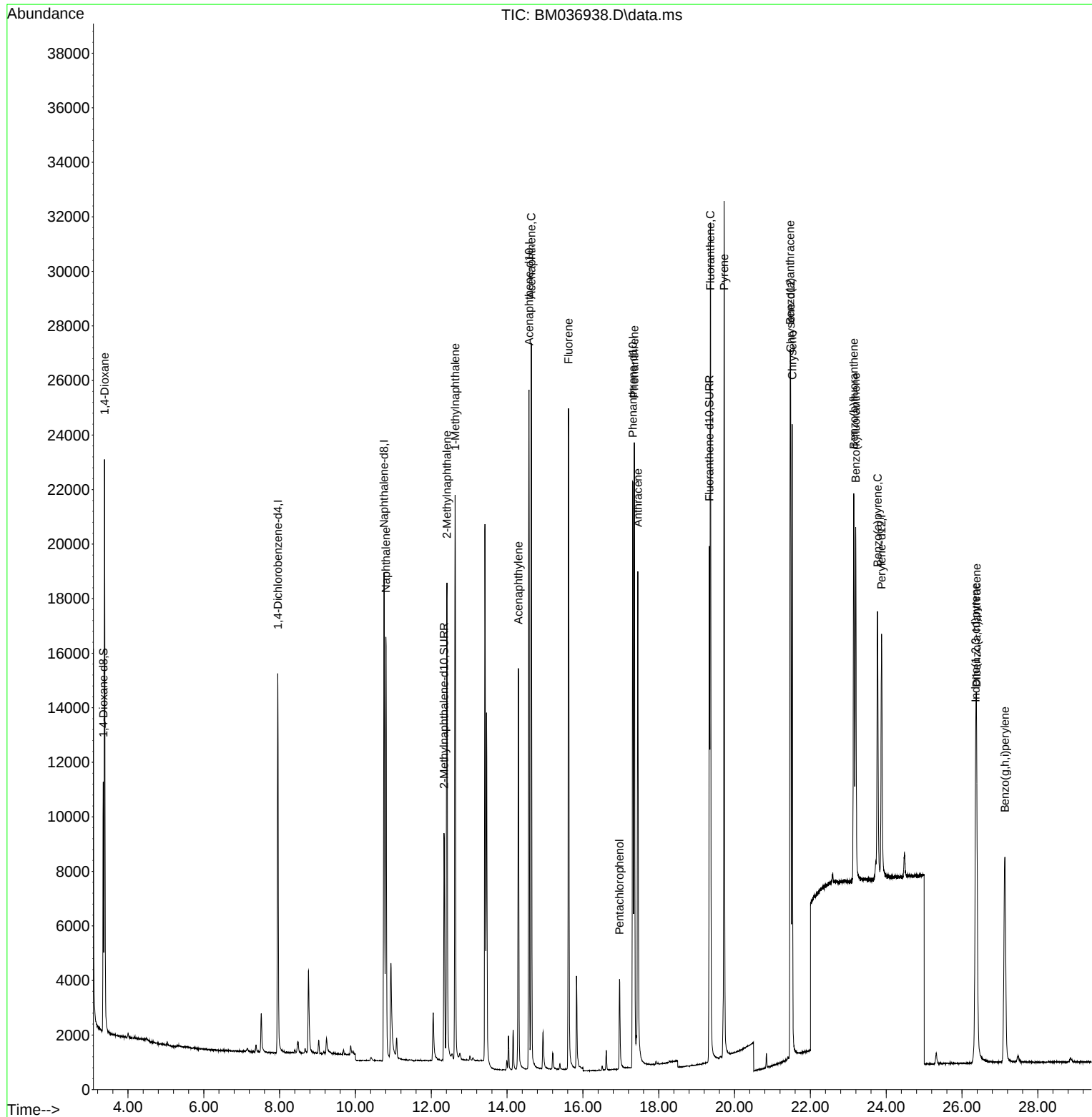
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	7544	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	25594	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.579	164	13922	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.317	188	27434	0.400	ng/ul	0.00
17) Chrysene-d12	21.482	240	17493	0.400	ng/ul	0.00
23) Perylene-d12	23.879	264	12944	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	5629	0.529	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.338	152	12064	0.312	ng/ul	0.00
18) Fluoranthene-d10	19.335	212	20695	0.396	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.382	88	13597	1.307	ng/ul#	76
5) Naphthalene	10.803	128	21995	0.301	ng/ul	97
7) 2-Methylnaphthalene	12.415	142	13648	0.305	ng/ul	91
8) 1-Methylnaphthalene	12.629	142	14477	0.318	ng/ul	100
10) Acenaphthylene	14.297	152	17774	0.307	ng/ul	99
11) Acenaphthene	14.640	153	15093	0.301	ng/ul	99
12) Fluorene	15.620	166	16454	0.289	ng/ul	99
14) Pentachlorophenol	16.967	266	2673	0.403	ng/ul	98
15) Phenanthrene	17.355	178	25857	0.295	ng/ul	99
16) Anthracene	17.448	178	21905	0.299	ng/ul	99
19) Fluoranthene	19.363	202	26344	0.379	ng/ul	100
20) Pyrene	19.726	202	26584	0.366	ng/ul	99
21) Benzo(a)anthracene	21.468	228	19479	0.308	ng/ul	99
22) Chrysene	21.520	228	20549	0.303	ng/ul	99
24) Benzo(b)fluoranthene	23.145	252	18271	0.316	ng/ul	94
25) Benzo(k)fluoranthene	23.195	252	17318	0.307	ng/ul	96
26) Benzo(a)pyrene	23.774	252	15204	0.324	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	26.360	276	19684	0.296	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.386	278	15513	0.289	ng/ul	93
29) Benzo(g,h,i)perylene	27.131	276	16763	0.286	ng/ul	100

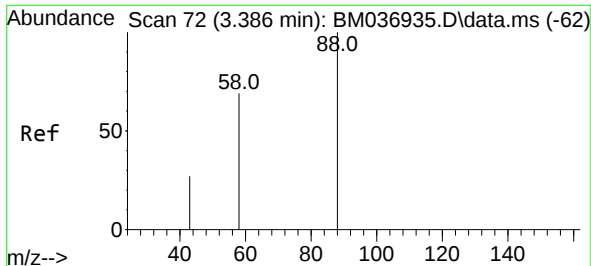
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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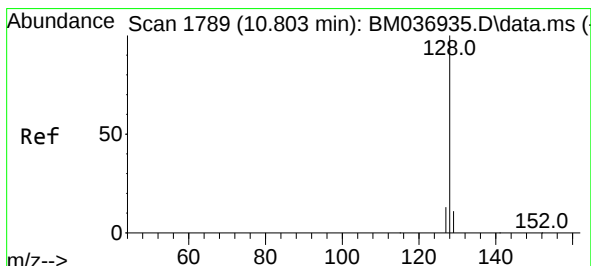
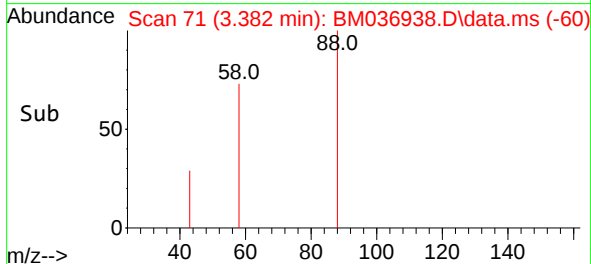
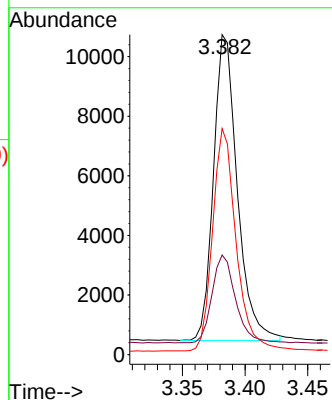
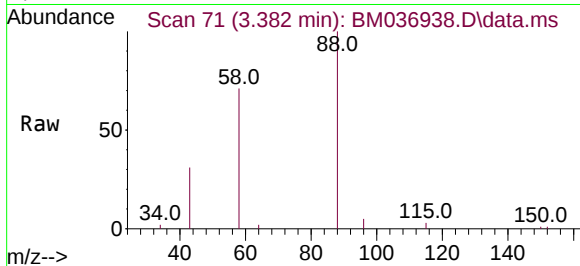




#2
1,4-Dioxane
Concen: 1.307 ng/ul
RT: 3.382 min Scan# 71
Delta R.T. -0.004 min
Lab File: BM036938.D
Acq: 11 Oct 2022 10:18

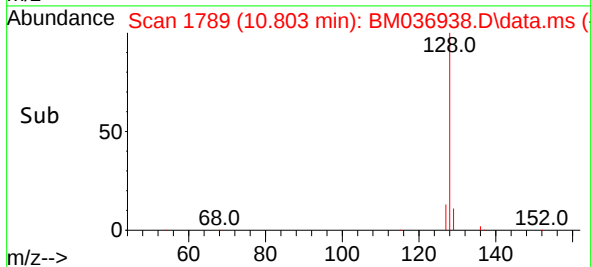
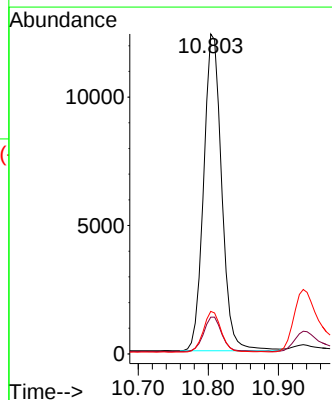
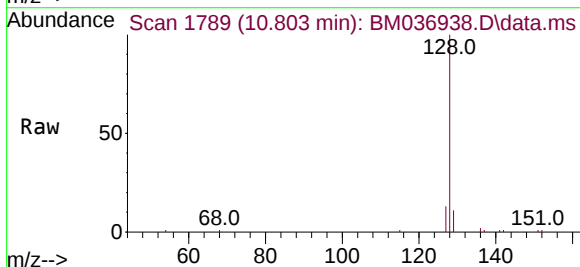
Instrument :
BNA_M
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SLCS151

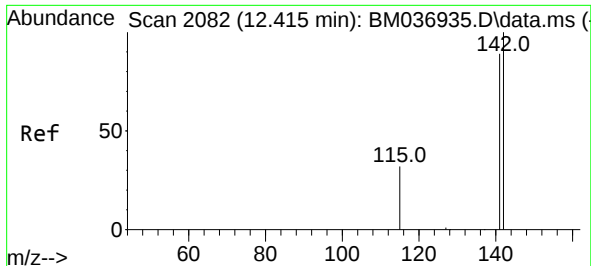
Tgt Ion: 88 Resp: 13597
Ion Ratio Lower Upper
88 100
43 31.1 37.8 56.6#
58 70.7 42.6 63.8#



#5
Naphthalene
Concen: 0.301 ng/ul
RT: 10.803 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BM036938.D
Acq: 11 Oct 2022 10:18

Tgt Ion: 128 Resp: 21995
Ion Ratio Lower Upper
128 100
129 11.5 10.2 15.2
127 13.3 11.7 17.5

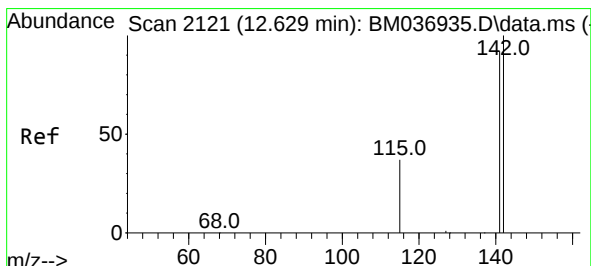
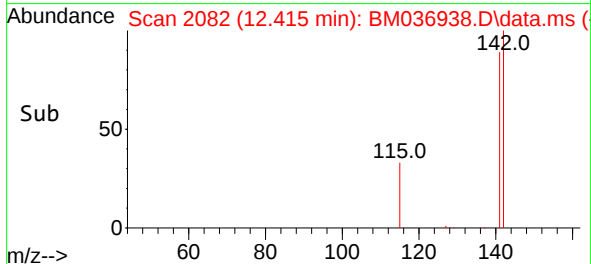
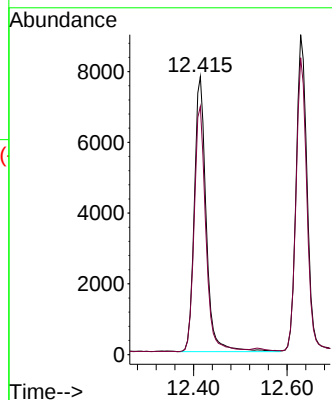
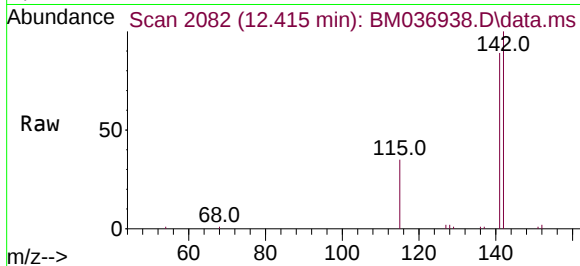




#7
2-Methylnaphthalene
Concen: 0.305 ng/ul
RT: 12.415 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BM036938.D
Acq: 11 Oct 2022 10:18

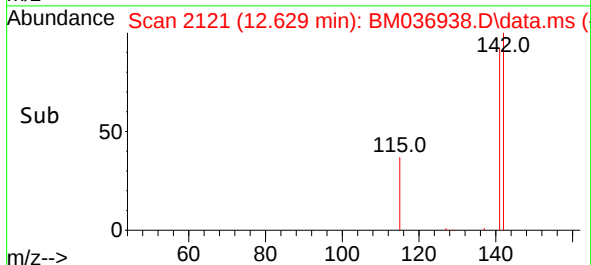
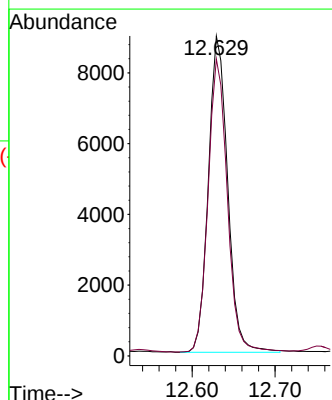
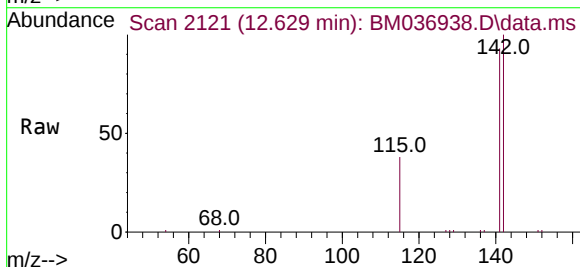
Instrument :
BNA_M
ClientSampleId :
SLCS151

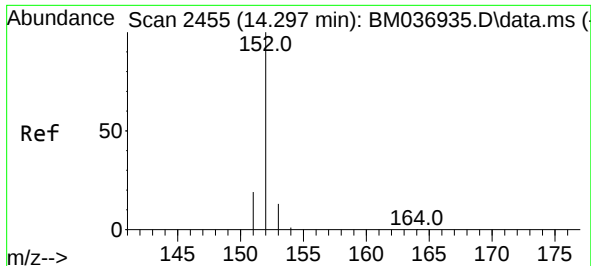
Tgt Ion:142 Resp: 13648
Ion Ratio Lower Upper
142 100
141 88.1 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.318 ng/ul
RT: 12.629 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM036938.D
Acq: 11 Oct 2022 10:18

Tgt Ion:142 Resp: 14477
Ion Ratio Lower Upper
142 100
141 92.2 74.1 111.1

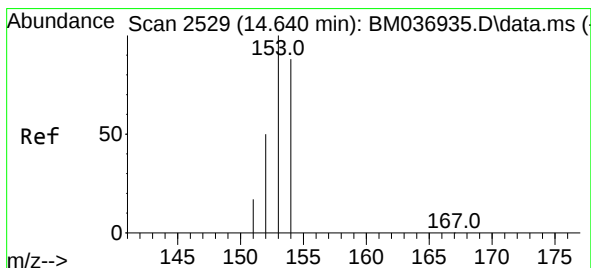
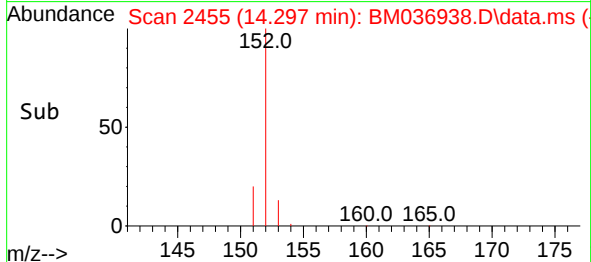
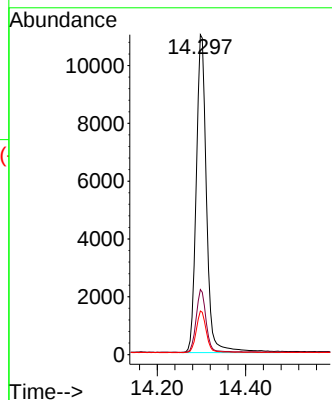
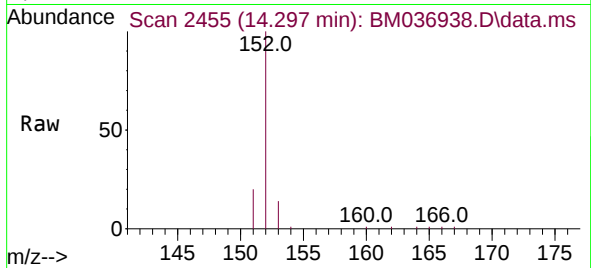




#10
Acenaphthylene
Concen: 0.307 ng/ul
RT: 14.297 min Scan# 2455
Delta R.T. -0.000 min
Lab File: BM036938.D
Acq: 11 Oct 2022 10:18

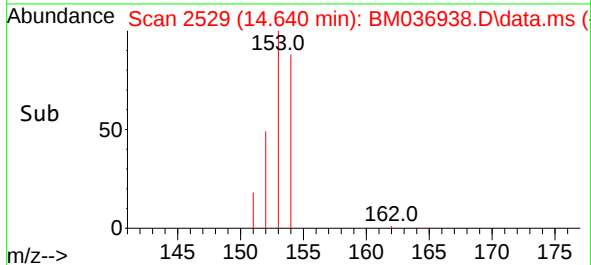
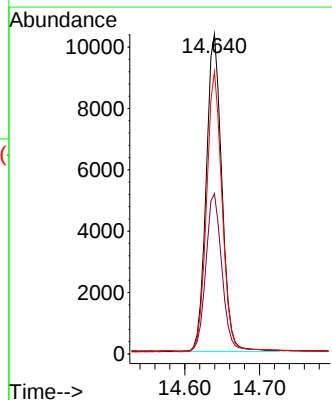
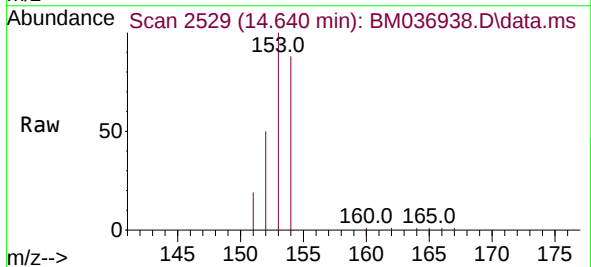
Instrument :
BNA_M
ClientSampleId :
SLCS151

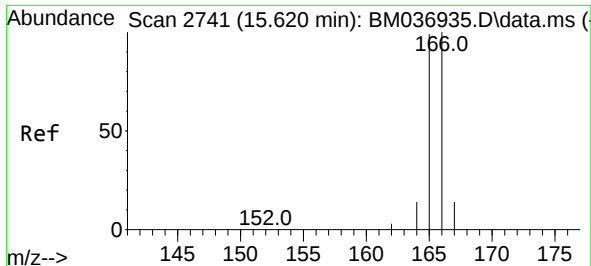
Tgt Ion:152 Resp: 17774
Ion Ratio Lower Upper
152 100
151 20.3 16.6 24.8
153 13.6 11.4 17.0



#11
Acenaphthene
Concen: 0.301 ng/ul
RT: 14.640 min Scan# 2529
Delta R.T. -0.000 min
Lab File: BM036938.D
Acq: 11 Oct 2022 10:18

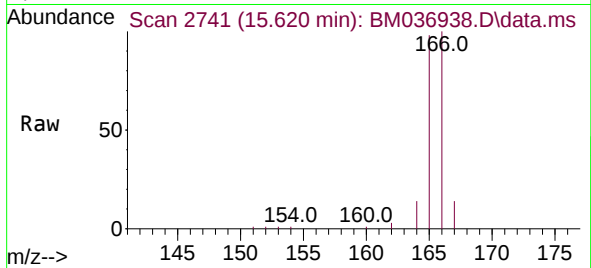
Tgt Ion:153 Resp: 15093
Ion Ratio Lower Upper
153 100
152 50.1 40.2 60.4
154 88.2 69.7 104.5



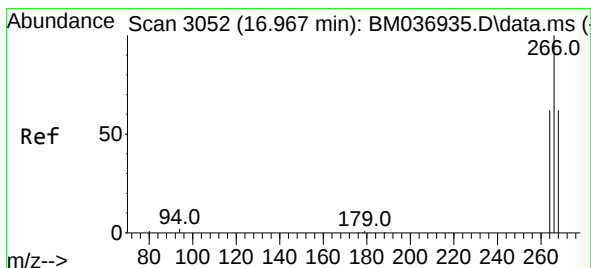
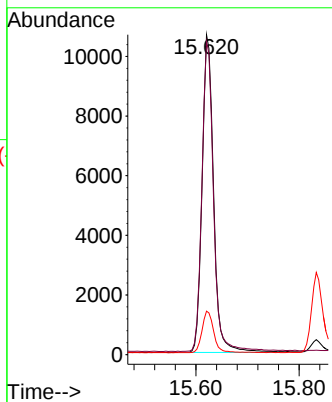
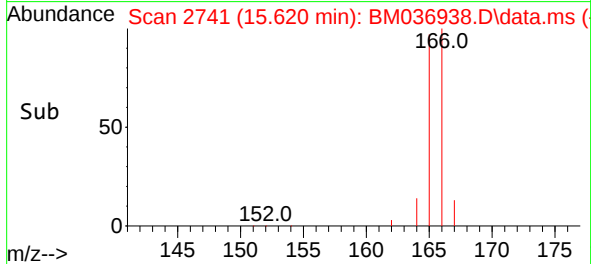


#12
Fluorene
Concen: 0.289 ng/ul
RT: 15.620 min Scan# 2741
Delta R.T. -0.000 min
Lab File: BM036938.D
Acq: 11 Oct 2022 10:18

Instrument :
BNA_M
ClientSampleId :
SLCS151

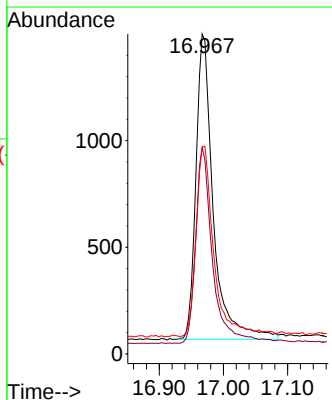
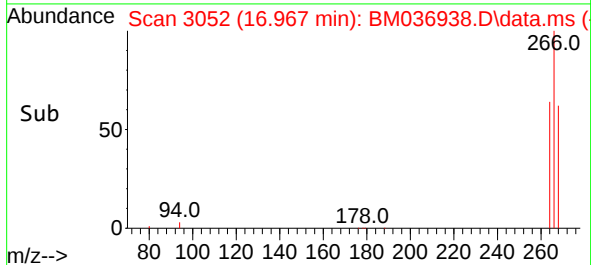
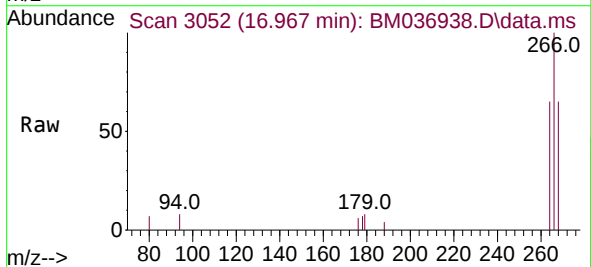


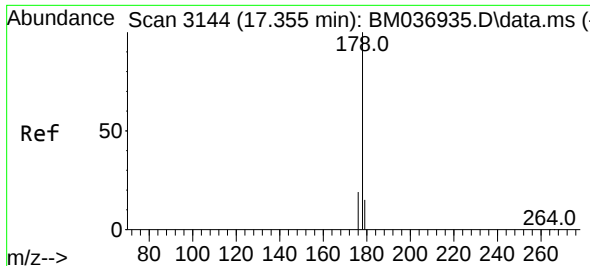
Tgt Ion:166 Resp: 16454
Ion Ratio Lower Upper
166 100
165 97.9 78.9 118.3
167 13.6 11.3 16.9



#14
Pentachlorophenol
Concen: 0.403 ng/ul
RT: 16.967 min Scan# 3052
Delta R.T. -0.000 min
Lab File: BM036938.D
Acq: 11 Oct 2022 10:18

Tgt Ion:266 Resp: 2673
Ion Ratio Lower Upper
266 100
264 62.8 50.3 75.5
268 64.6 53.5 80.3

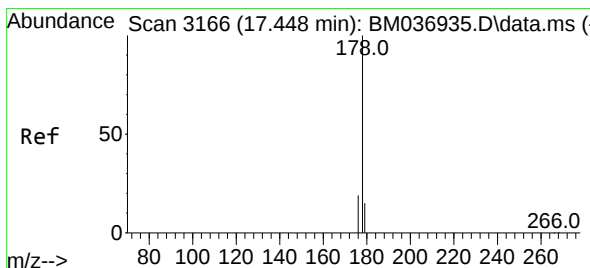
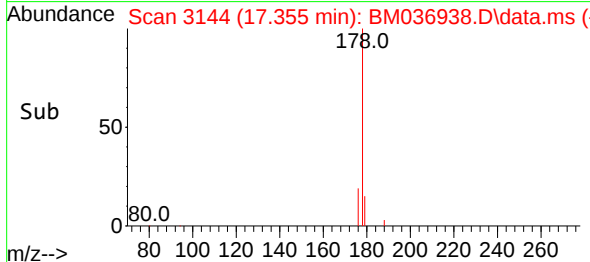
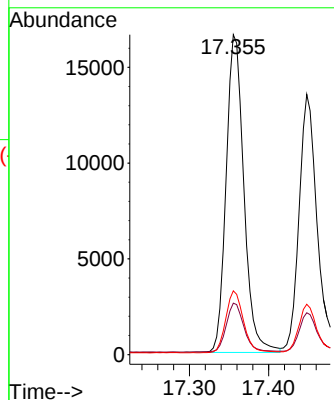
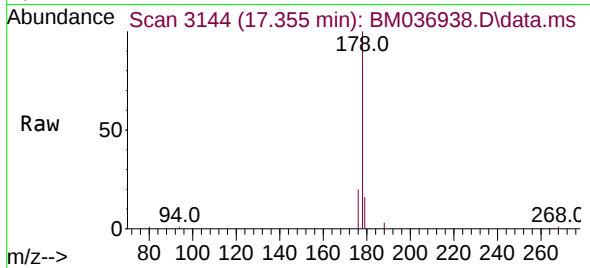




#15
Phenanthrene
Concen: 0.295 ng/ul
RT: 17.355 min Scan# 3144
Delta R.T. -0.000 min
Lab File: BM036938.D
Acq: 11 Oct 2022 10:18

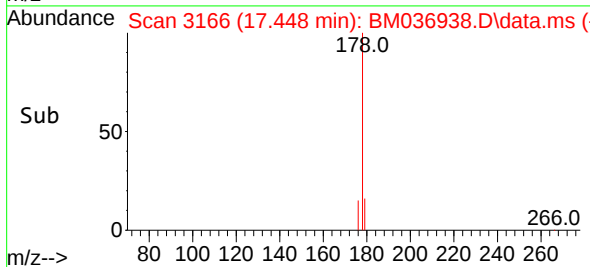
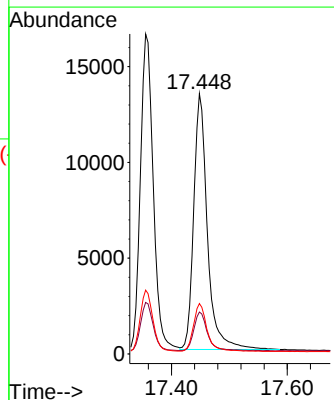
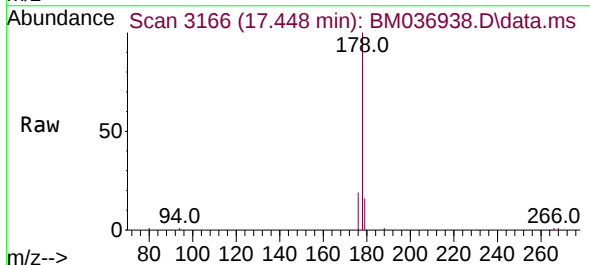
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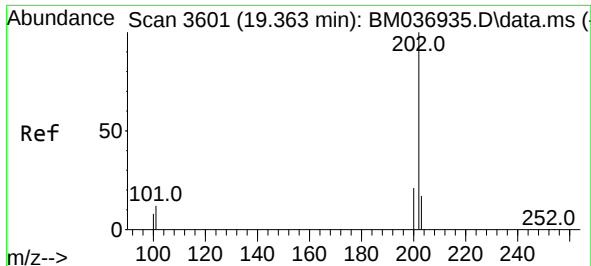
Tgt Ion:	178	Resp:	25857
Ion Ratio	Lower	Upper	
178	100		
179	16.1	13.0	19.6
176	19.9	15.6	23.4



#16
Anthracene
Concen: 0.299 ng/ul
RT: 17.448 min Scan# 3166
Delta R.T. -0.000 min
Lab File: BM036938.D
Acq: 11 Oct 2022 10:18

Tgt Ion:	178	Resp:	21905
Ion Ratio	Lower	Upper	
178	100		
179	16.1	13.6	20.4
176	19.3	15.6	23.4

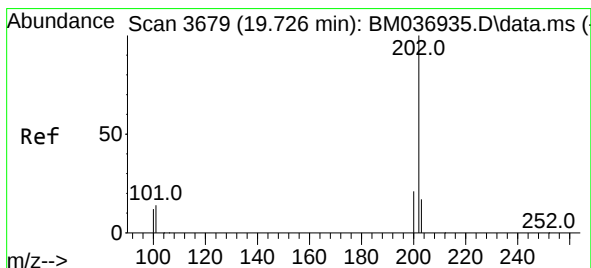
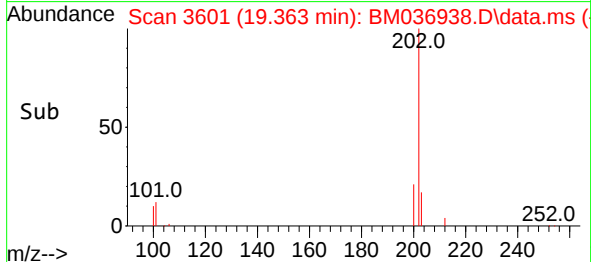
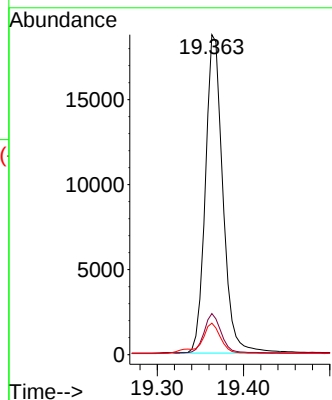
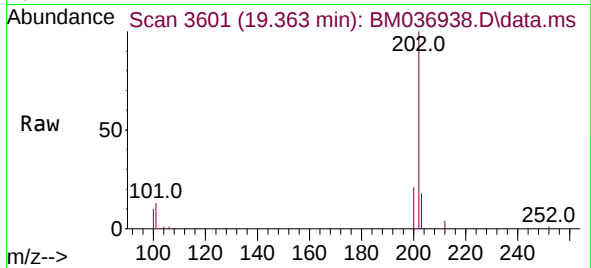




#19
Fluoranthene
Concen: 0.379 ng/ul
RT: 19.363 min Scan# 3601
Delta R.T. -0.000 min
Lab File: BM036938.D
Acq: 11 Oct 2022 10:18

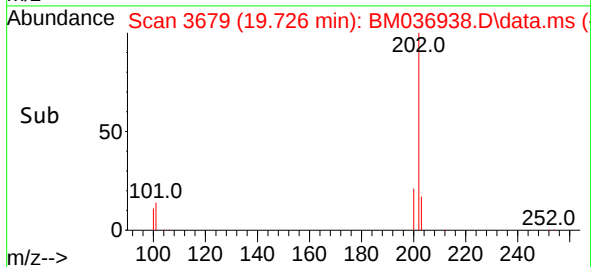
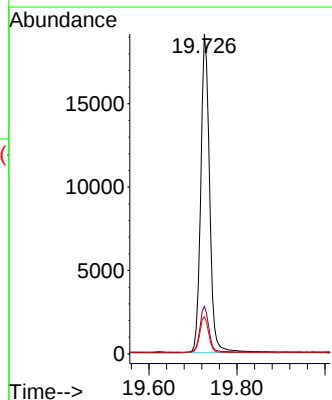
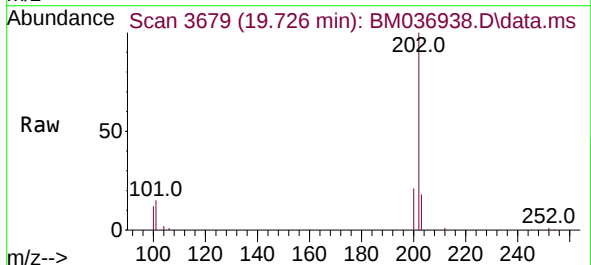
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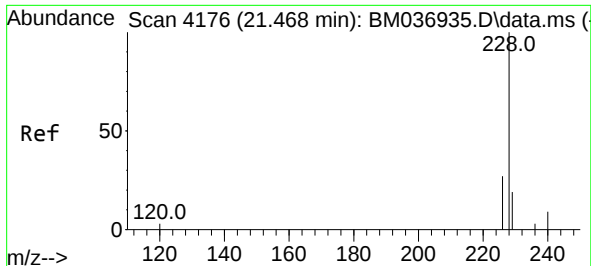
Tgt Ion:202 Resp: 26344
Ion Ratio Lower Upper
202 100
101 12.8 10.1 15.1
100 9.8 7.9 11.9



#20
Pyrene
Concen: 0.366 ng/ul
RT: 19.726 min Scan# 3679
Delta R.T. -0.000 min
Lab File: BM036938.D
Acq: 11 Oct 2022 10:18

Tgt Ion:202 Resp: 26584
Ion Ratio Lower Upper
202 100
101 14.8 12.0 18.0
100 11.6 9.8 14.6

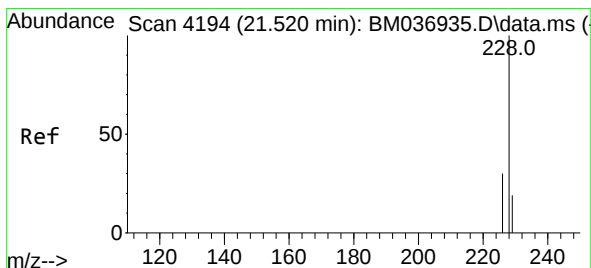
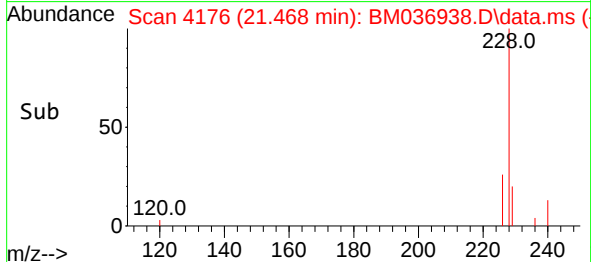
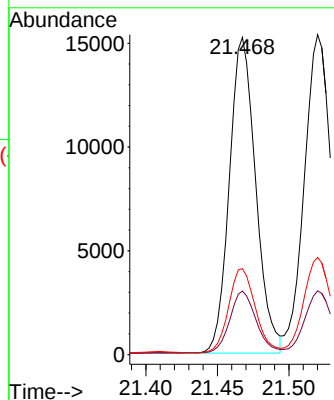
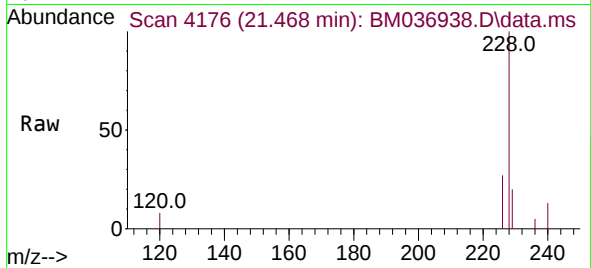




#21
Benzo(a)anthracene
Concen: 0.308 ng/ul
RT: 21.468 min Scan# 4176
Delta R.T. -0.000 min
Lab File: BM036938.D
Acq: 11 Oct 2022 10:18

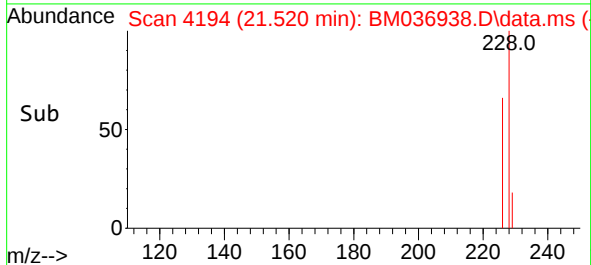
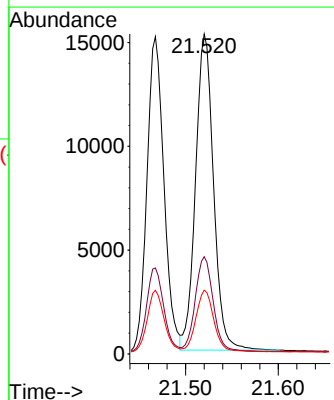
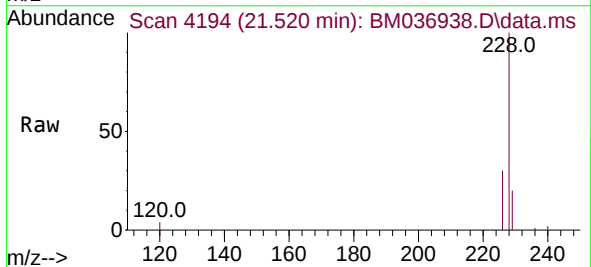
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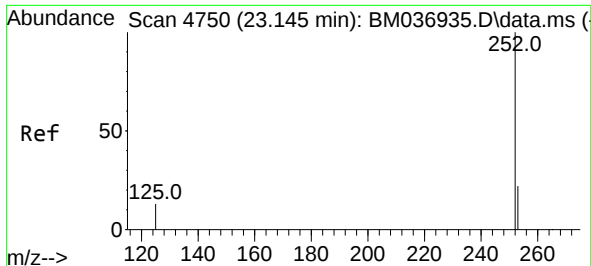
Tgt Ion:228 Resp: 19479
Ion Ratio Lower Upper
228 100
229 20.1 16.2 24.2
226 27.1 22.5 33.7



#22
Chrysene
Concen: 0.303 ng/ul
RT: 21.520 min Scan# 4194
Delta R.T. -0.000 min
Lab File: BM036938.D
Acq: 11 Oct 2022 10:18

Tgt Ion:228 Resp: 20549
Ion Ratio Lower Upper
228 100
226 30.4 24.6 37.0
229 20.0 16.4 24.6

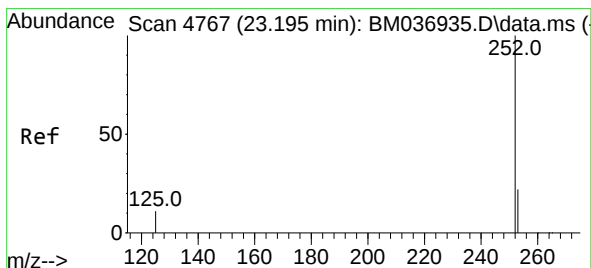
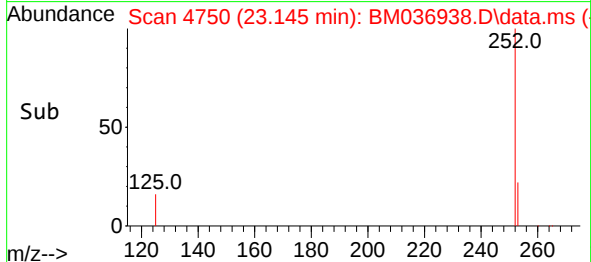
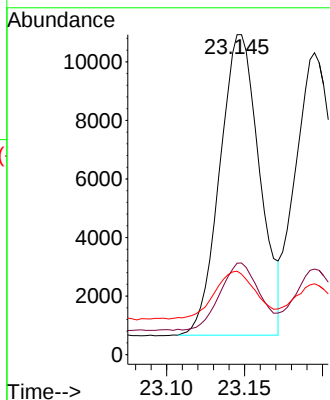
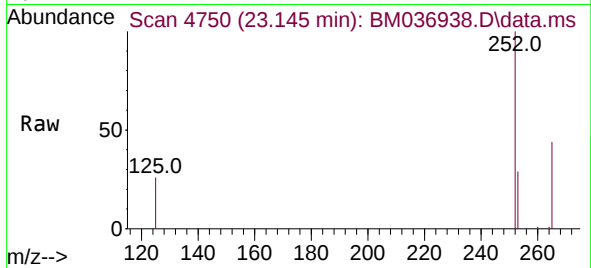




#24
Benzo(b)fluoranthene
Concen: 0.316 ng/ul
RT: 23.145 min Scan# 4750
Delta R.T. -0.000 min
Lab File: BM036938.D
Acq: 11 Oct 2022 10:18

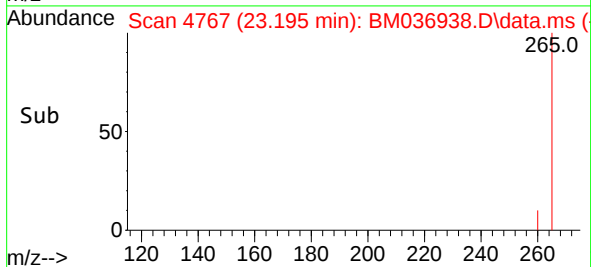
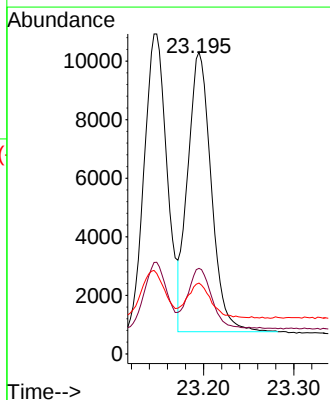
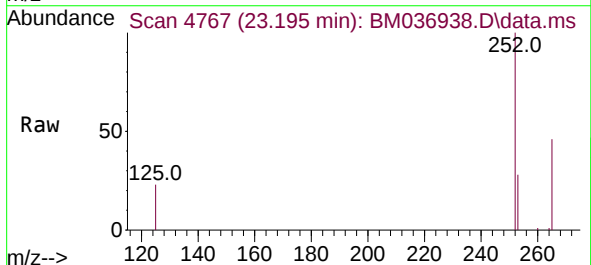
Instrument :
BNA_M
ClientSampleId :
SLCS151

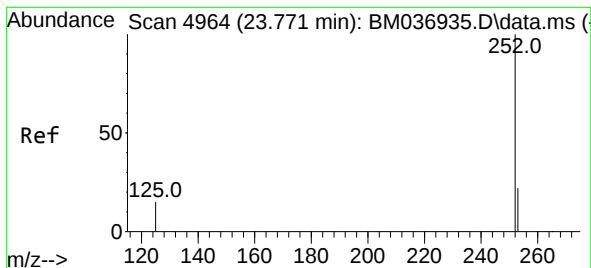
Tgt Ion:252	Resp:	18271
Ion Ratio	Lower	Upper
252	100	
253	28.6	0.0 61.4
125	26.1	0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.307 ng/ul
RT: 23.195 min Scan# 4767
Delta R.T. -0.000 min
Lab File: BM036938.D
Acq: 11 Oct 2022 10:18

Tgt Ion:252	Resp:	17318
Ion Ratio	Lower	Upper
252	100	
253	28.3	25.2 37.8
125	23.5	18.3 27.5





#26

Benzo(a)pyrene

Concen: 0.324 ng/ul

RT: 23.774 min Scan# 4964

Delta R.T. 0.003 min

Lab File: BM036938.D

Acq: 11 Oct 2022 10:18

Instrument :

BNA_M

ClientSampleId :

SLCS151

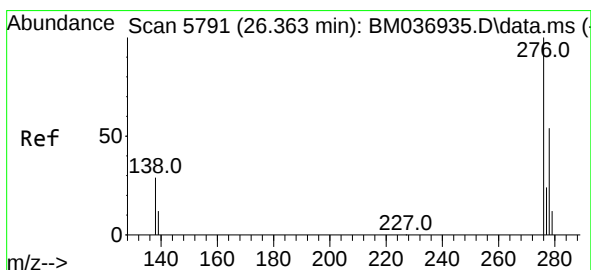
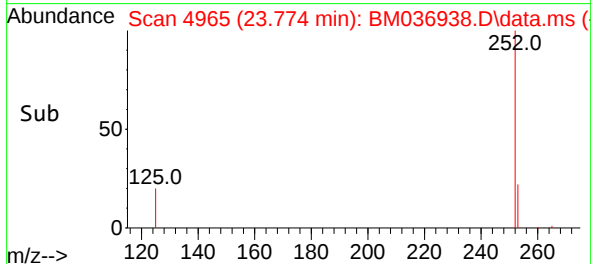
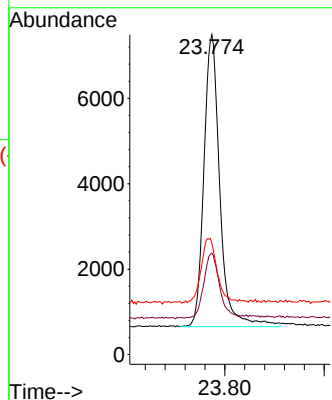
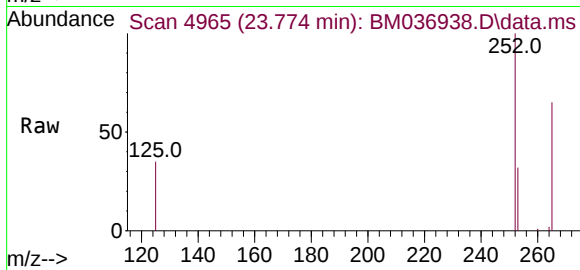
Tgt Ion:252 Resp: 15204

Ion Ratio Lower Upper

252 100

253 31.7 29.7 44.5

125 34.8 23.6 35.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.296 ng/ul

RT: 26.360 min Scan# 5790

Delta R.T. -0.003 min

Lab File: BM036938.D

Acq: 11 Oct 2022 10:18

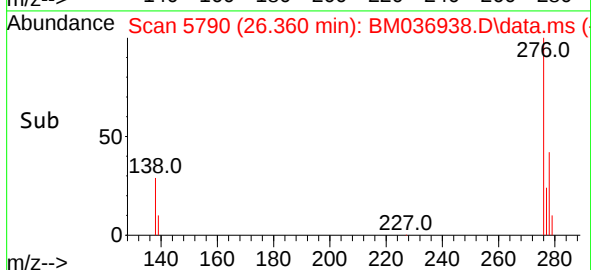
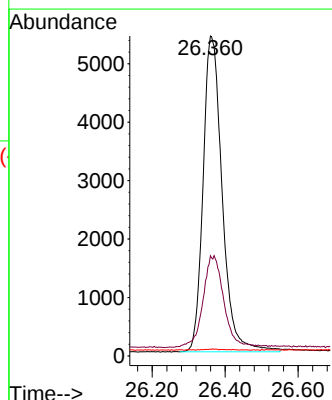
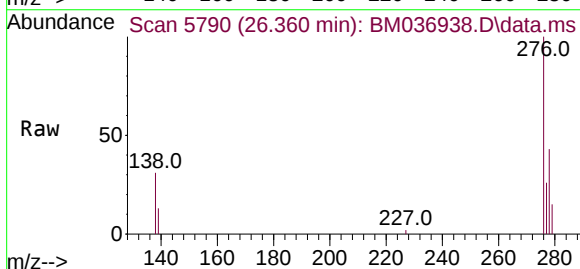
Tgt Ion:276 Resp: 19684

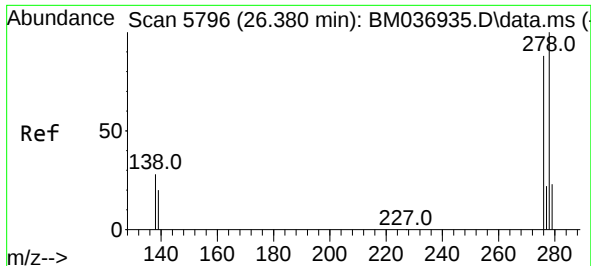
Ion Ratio Lower Upper

276 100

138 31.3 23.9 35.9

227 0.2 0.1 0.1#

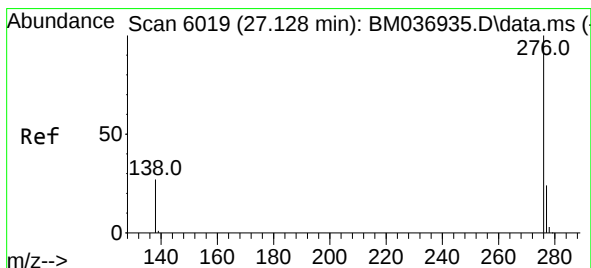
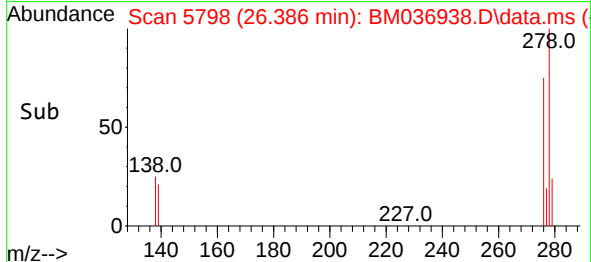
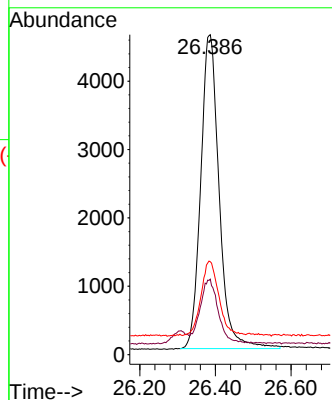
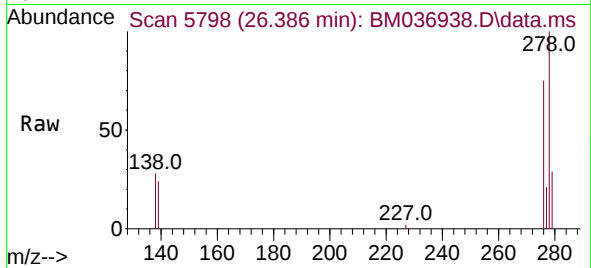




#28
Dibenzo(a,h)anthracene
Concen: 0.289 ng/ul
RT: 26.386 min Scan# 51
Delta R.T. 0.007 min
Lab File: BM036938.D
Acq: 11 Oct 2022 10:18

Instrument :
BNA_M
ClientSampleId :
SLCS151

Tgt Ion:278 Resp: 15513
Ion Ratio Lower Upper
278 100
139 23.6 19.8 29.6
279 29.1 27.7 41.5



#29
Benzo(g,h,i)perylene
Concen: 0.286 ng/ul
RT: 27.131 min Scan# 6020
Delta R.T. 0.003 min
Lab File: BM036938.D
Acq: 11 Oct 2022 10:18

Tgt Ion:276 Resp: 16763
Ion Ratio Lower Upper
276 100
138 29.1 23.4 35.0
277 26.0 21.0 31.4

