

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
 Data File : BM042068.D
 Acq On : 26 Sep 2023 13:15
 Operator : MA/JU
 Sample : PB155693BS
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS693

Quant Time: Sep 27 04:25:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 13:50:58 2023
 Response via : Initial Calibration

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

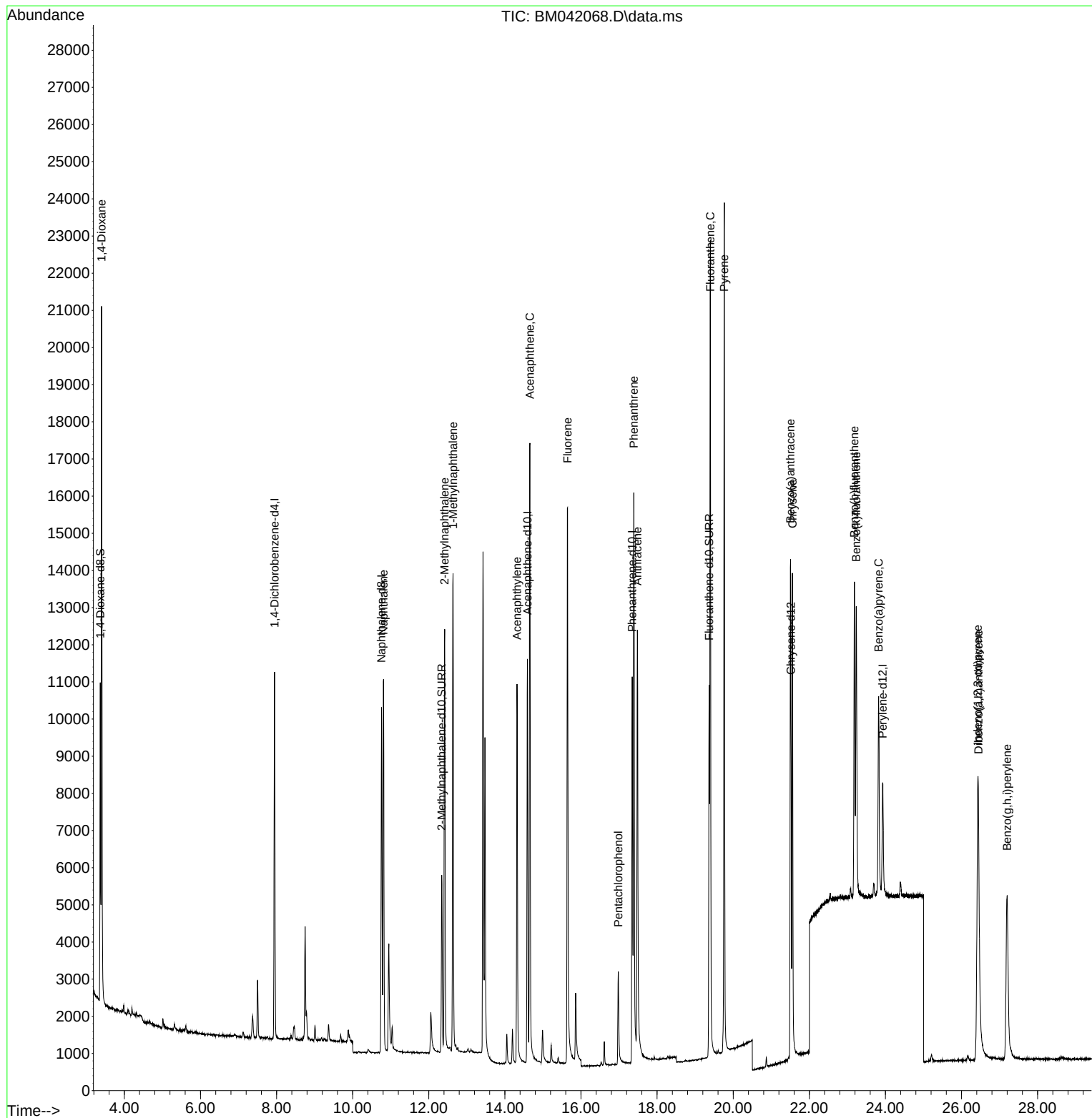
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	5021	0.400	ng/ul	0.00
4) Naphthalene-d8	10.757	136	12394	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.592	164	5894	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.346	188	11896	0.400	ng/ul	0.00
17) Chrysene-d12	21.518	240	4771	0.400	ng/ul	0.00
23) Perylene-d12	23.927	264	4561	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.368	96	4771	0.697	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.341	152	6547	0.422	ng/ul	-0.01
18) Fluoranthene-d10	19.366	212	9384	0.478	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.402	88	11406	1.584	ng/ul#	86
5) Naphthalene	10.812	128	14230	0.343	ng/ul	100
7) 2-Methylnaphthalene	12.418	142	8669	0.350	ng/ul	100
8) 1-Methylnaphthalene	12.638	142	9238	0.368	ng/ul	100
10) Acenaphthylene	14.319	152	13024	0.330	ng/ul	99
11) Acenaphthene	14.657	153	10185	0.337	ng/ul	99
12) Fluorene	15.647	166	11449	0.336	ng/ul	100
14) Pentachlorophenol	16.978	266	2048	0.325	ng/ul	99
15) Phenanthrene	17.388	178	17873	0.324	ng/ul	99
16) Anthracene	17.481	178	15411	0.323	ng/ul	99
19) Fluoranthene	19.399	202	18734	0.347	ng/ul	99
20) Pyrene	19.766	202	19321	0.364	ng/ul	98
21) Benzo(a)anthracene	21.504	228	11353	0.314	ng/ul	99
22) Chrysene	21.556	228	11763	0.315	ng/ul	99
24) Benzo(b)fluoranthene	23.184	252	11203	0.319	ng/ul	92
25) Benzo(k)fluoranthene	23.234	252	10795	0.316	ng/ul	91
26) Benzo(a)pyrene	23.822	252	9268	0.321	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.424	276	12600	0.318	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.445	278	9191	0.321	ng/ul	95
29) Benzo(g,h,i)perylene	27.199	276	11072	0.332	ng/ul	99

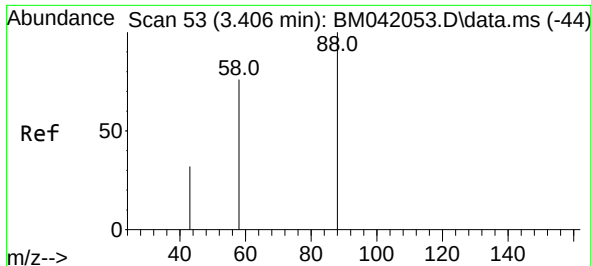
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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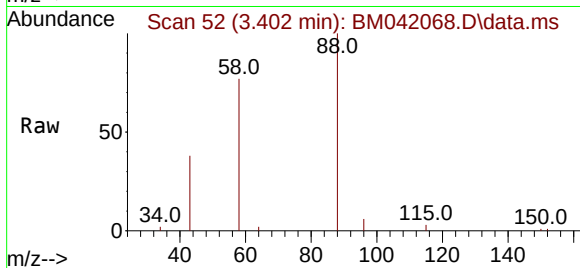
Quant Time: Sep 27 04:25:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
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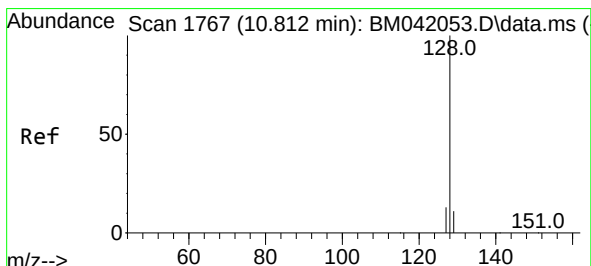
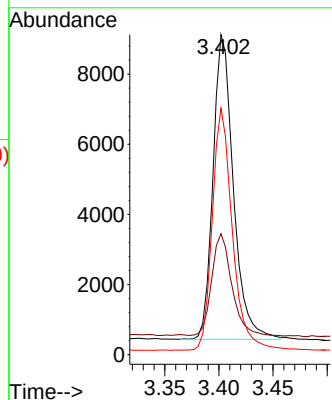
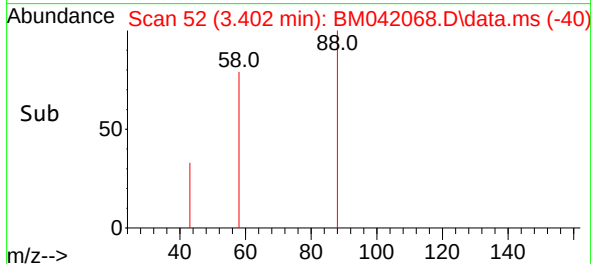


#2
1,4-Dioxane
Concen: 1.584 ng/ul
RT: 3.402 min Scan# 51
Delta R.T. -0.008 min
Lab File: BM042068.D
Acq: 26 Sep 2023 13:15

Instrument :
BNA_M
ClientSampleId :
SLCS693

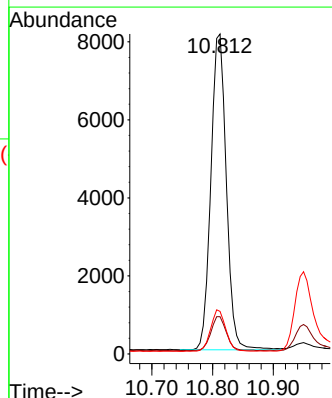
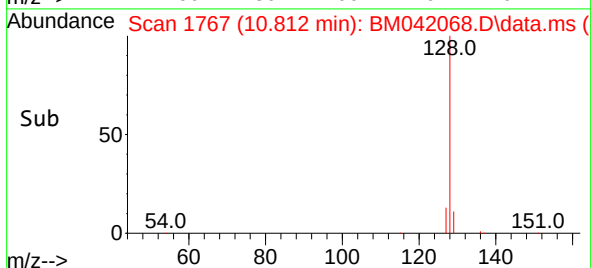
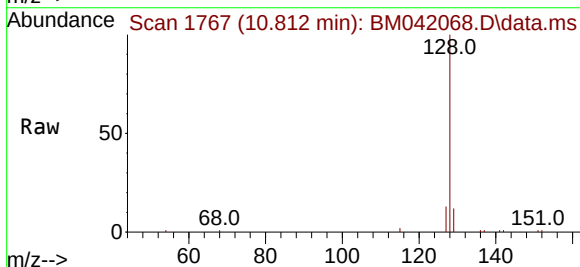


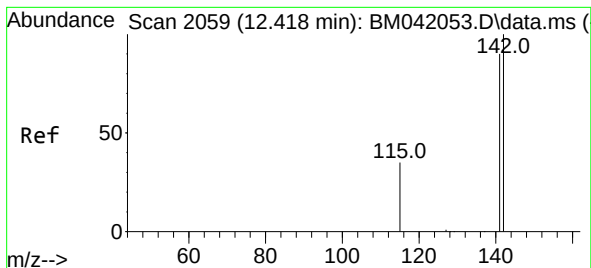
Tgt Ion: 88 Resp: 11406
Ion Ratio Lower Upper
88 100
43 37.8 42.9 64.3#
58 77.0 56.4 84.6



#5
Naphthalene
Concen: 0.343 ng/ul
RT: 10.812 min Scan# 1767
Delta R.T. -0.005 min
Lab File: BM042068.D
Acq: 26 Sep 2023 13:15

Tgt Ion: 128 Resp: 14230
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.3 10.8 16.2

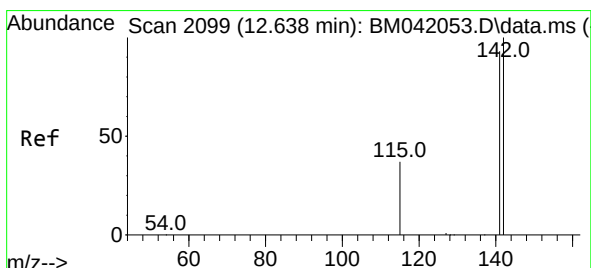
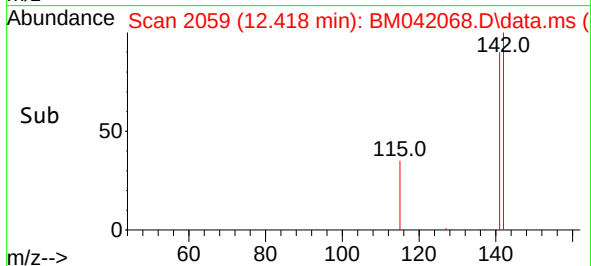
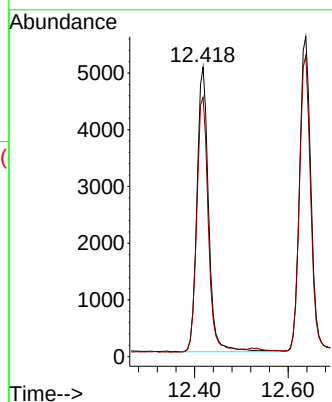
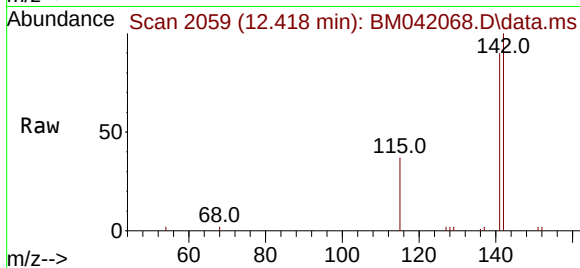




#7
2-Methylnaphthalene
Concen: 0.350 ng/ul
RT: 12.418 min Scan# 2059
Delta R.T. -0.005 min
Lab File: BM042068.D
Acq: 26 Sep 2023 13:15

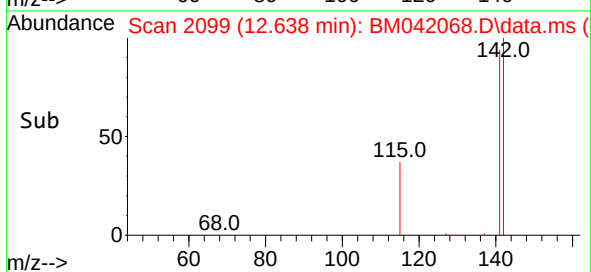
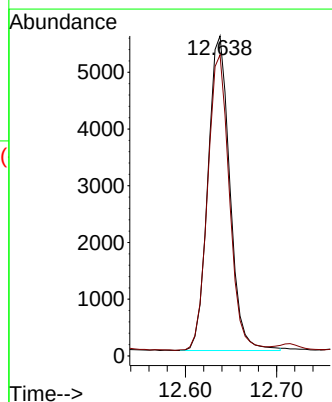
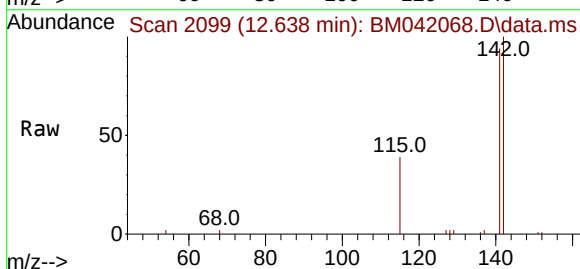
Instrument :
BNA_M
ClientSampleId :
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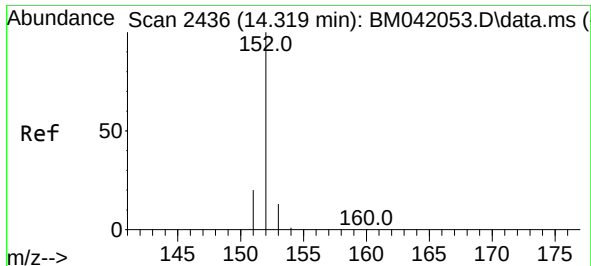
Tgt Ion:142 Resp: 8669
Ion Ratio Lower Upper
142 100
141 89.9 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.368 ng/ul
RT: 12.638 min Scan# 2099
Delta R.T. -0.005 min
Lab File: BM042068.D
Acq: 26 Sep 2023 13:15

Tgt Ion:142 Resp: 9238
Ion Ratio Lower Upper
142 100
141 93.5 75.1 112.7

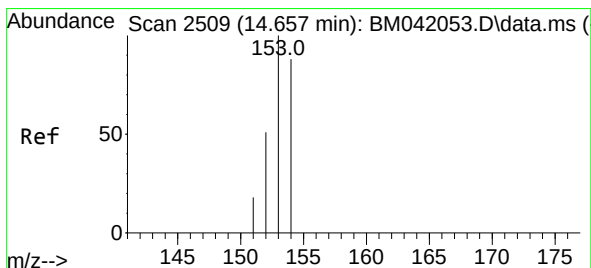
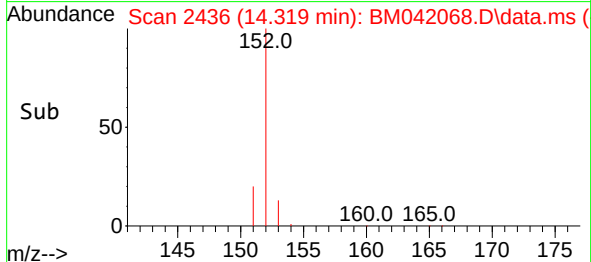
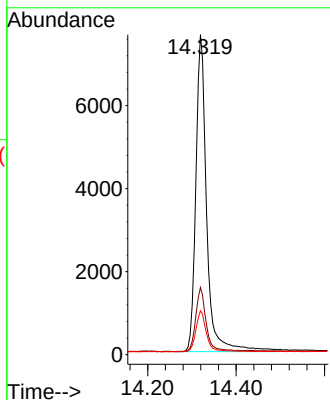
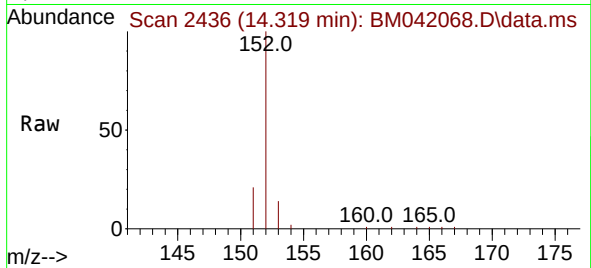




#10
Acenaphthylene
Concen: 0.330 ng/ul
RT: 14.319 min Scan# 2436
Delta R.T. -0.009 min
Lab File: BM042068.D
Acq: 26 Sep 2023 13:15

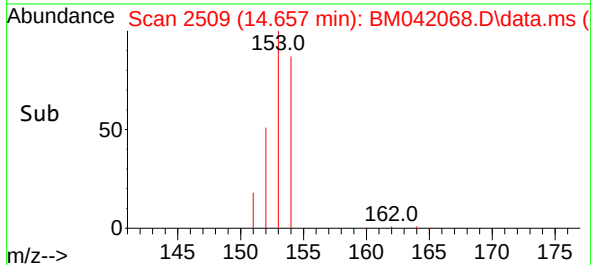
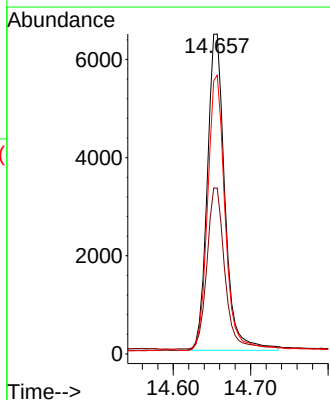
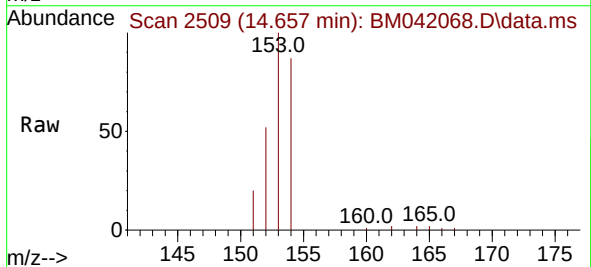
Instrument :
BNA_M
ClientSampleId :
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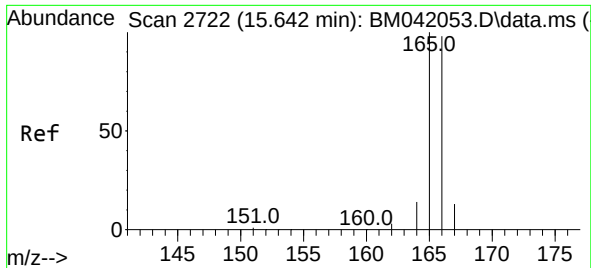
Tgt Ion:152 Resp: 13024
Ion Ratio Lower Upper
152 100
151 21.0 16.2 24.4
153 13.7 10.8 16.2



#11
Acenaphthene
Concen: 0.337 ng/ul
RT: 14.657 min Scan# 2509
Delta R.T. -0.004 min
Lab File: BM042068.D
Acq: 26 Sep 2023 13:15

Tgt Ion:153 Resp: 10185
Ion Ratio Lower Upper
153 100
152 51.9 41.8 62.8
154 87.1 69.0 103.6

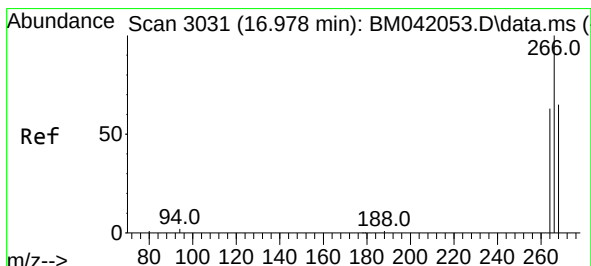
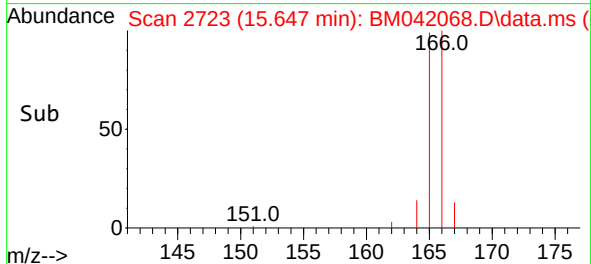
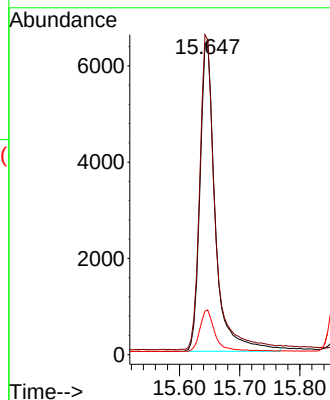
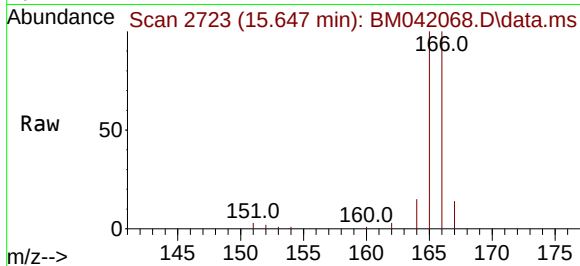




#12
Fluorene
Concen: 0.336 ng/ul
RT: 15.647 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM042068.D
Acq: 26 Sep 2023 13:15

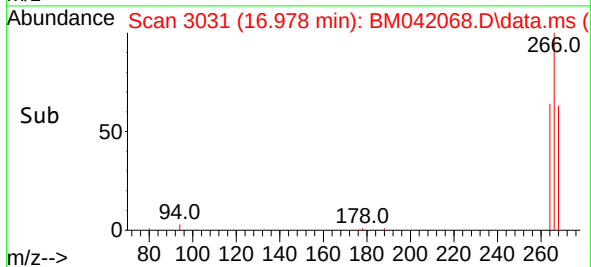
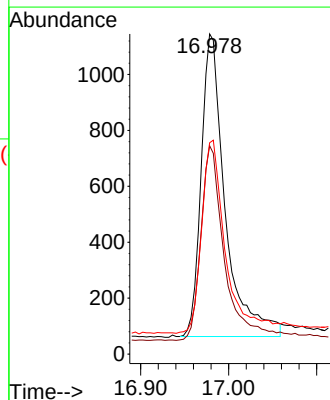
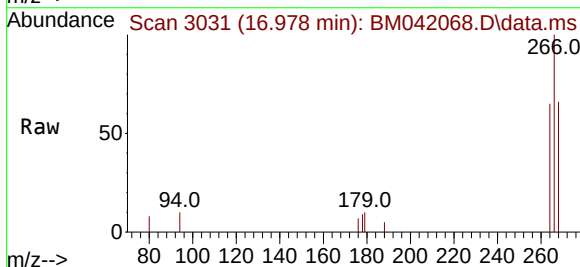
Instrument :
BNA_M
ClientSampleId :
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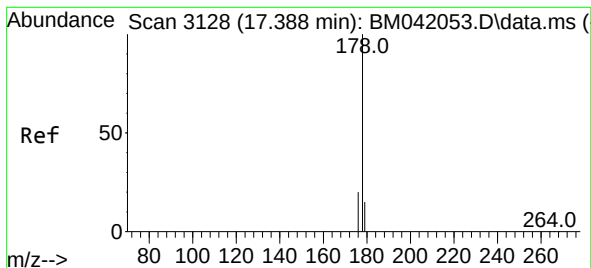
Tgt Ion:166 Resp: 11449
Ion Ratio Lower Upper
166 100
165 99.9 79.8 119.8
167 14.2 11.1 16.7



#14
Pentachlorophenol
Concen: 0.325 ng/ul
RT: 16.978 min Scan# 3031
Delta R.T. -0.004 min
Lab File: BM042068.D
Acq: 26 Sep 2023 13:15

Tgt Ion:266 Resp: 2048
Ion Ratio Lower Upper
266 100
264 62.7 50.2 75.4
268 64.4 51.0 76.4





#15

Phenanthrene

Concen: 0.324 ng/ul

RT: 17.388 min Scan# 3128

Delta R.T. -0.008 min

Lab File: BM042068.D

Acq: 26 Sep 2023 13:15

Instrument :

BNA_M

ClientSampleId :

SLCS693

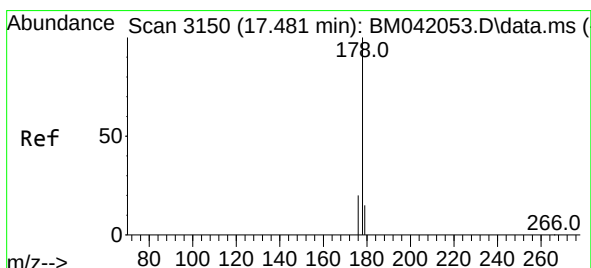
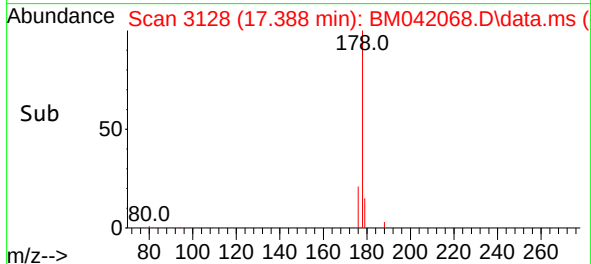
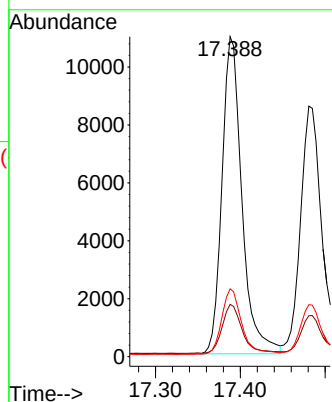
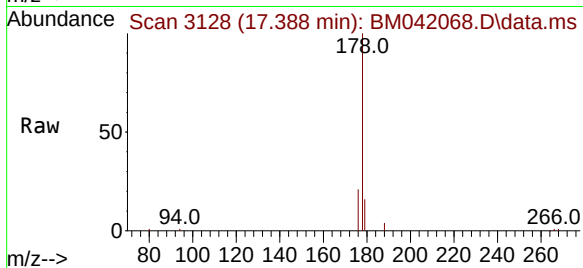
Tgt Ion:178 Resp: 17873

Ion Ratio Lower Upper

178 100

179 16.3 12.7 19.1

176 21.2 16.6 24.8



#16

Anthracene

Concen: 0.323 ng/ul

RT: 17.481 min Scan# 3150

Delta R.T. -0.008 min

Lab File: BM042068.D

Acq: 26 Sep 2023 13:15

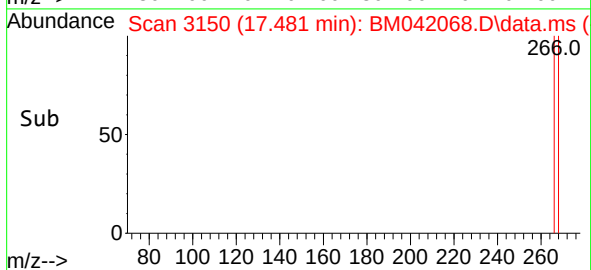
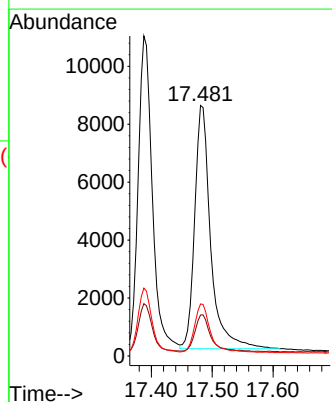
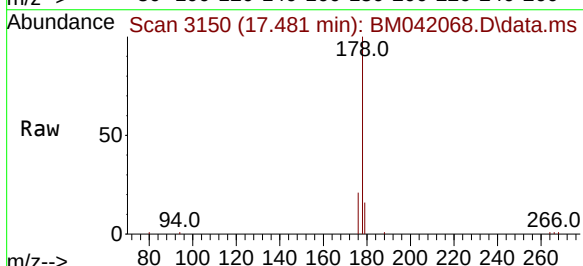
Tgt Ion:178 Resp: 15411

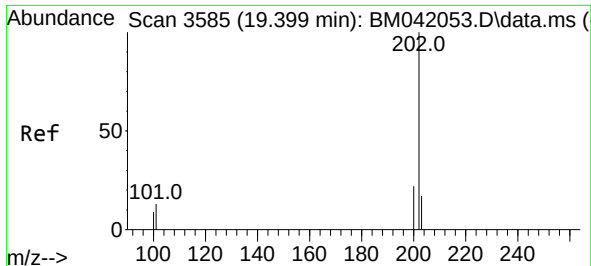
Ion Ratio Lower Upper

178 100

179 16.4 12.9 19.3

176 20.7 16.2 24.2

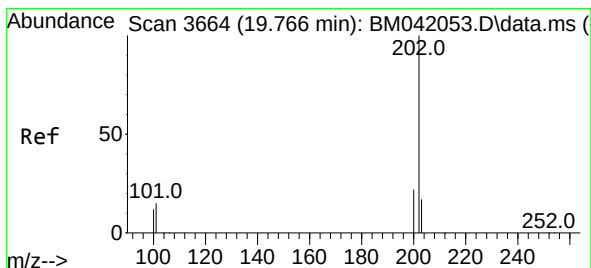
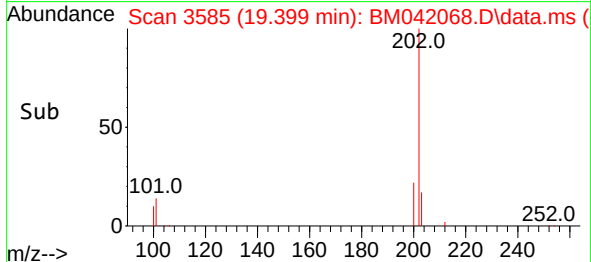
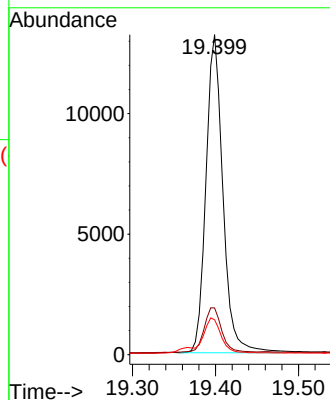
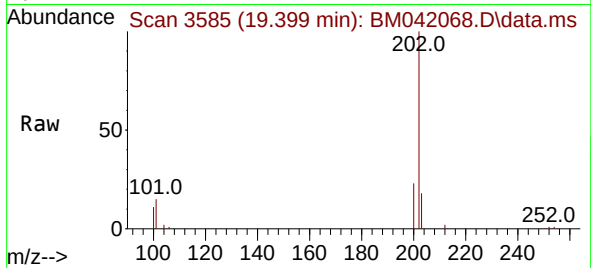




#19
Fluoranthene
Concen: 0.347 ng/ul
RT: 19.399 min Scan# 3585
Delta R.T. -0.004 min
Lab File: BM042068.D
Acq: 26 Sep 2023 13:15

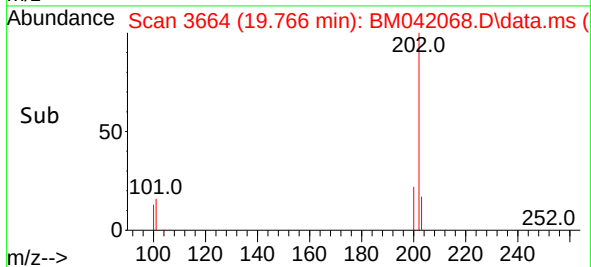
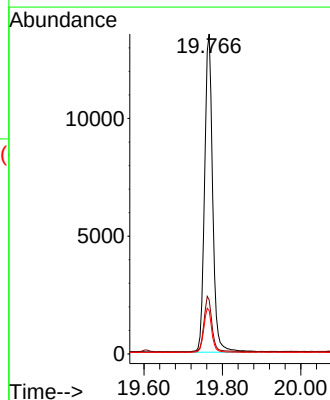
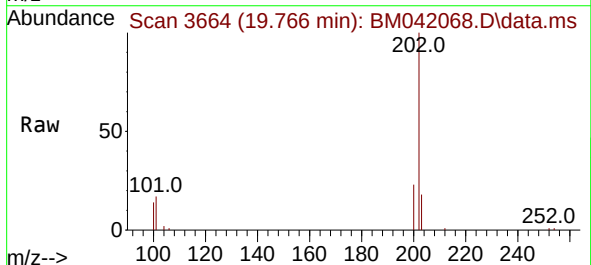
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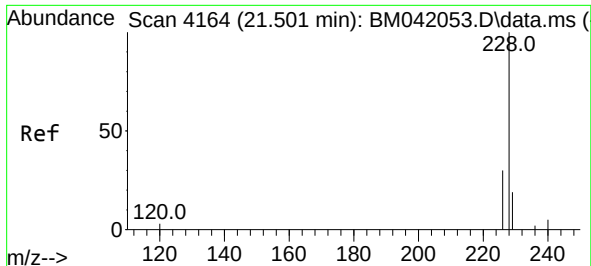
Tgt Ion:202 Resp: 18734
Ion Ratio Lower Upper
202 100
101 14.6 11.8 17.6
100 10.9 9.1 13.7



#20
Pyrene
Concen: 0.364 ng/ul
RT: 19.766 min Scan# 3664
Delta R.T. -0.004 min
Lab File: BM042068.D
Acq: 26 Sep 2023 13:15

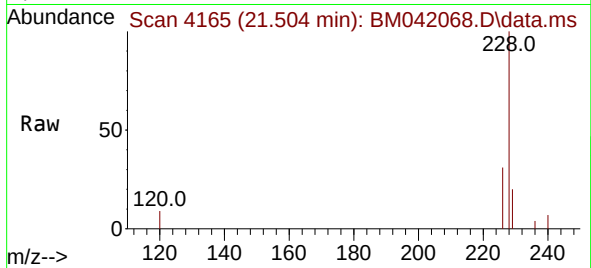
Tgt Ion:202 Resp: 19321
Ion Ratio Lower Upper
202 100
101 16.9 14.1 21.1
100 13.5 11.4 17.0



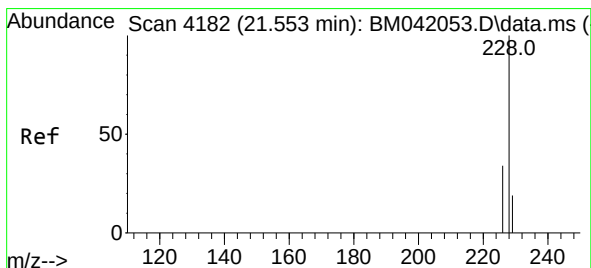
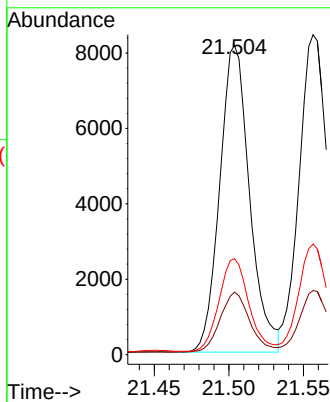
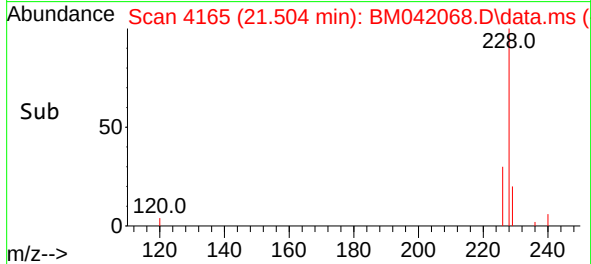


#21
Benzo(a)anthracene
Concen: 0.314 ng/ul
RT: 21.504 min Scan# 4164
Delta R.T. -0.003 min
Lab File: BM042068.D
Acq: 26 Sep 2023 13:15

Instrument :
BNA_M
ClientSampleId :
SLCS693

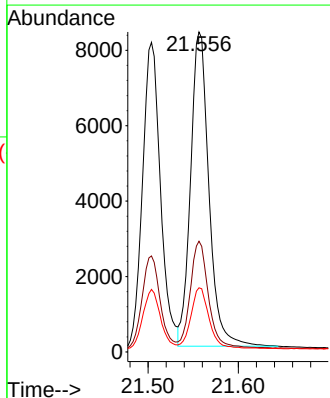
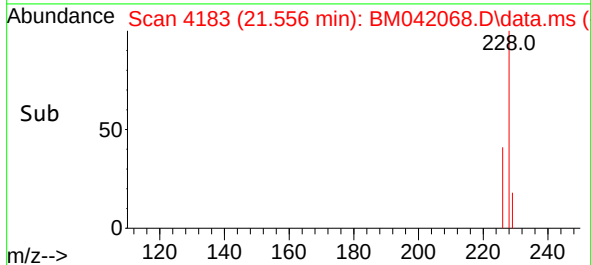
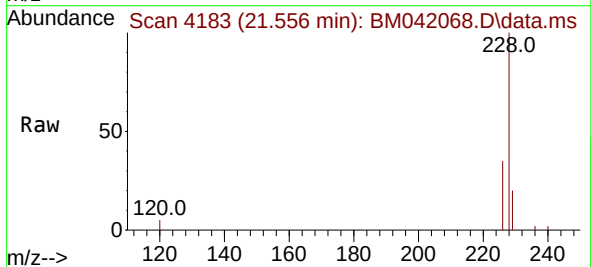


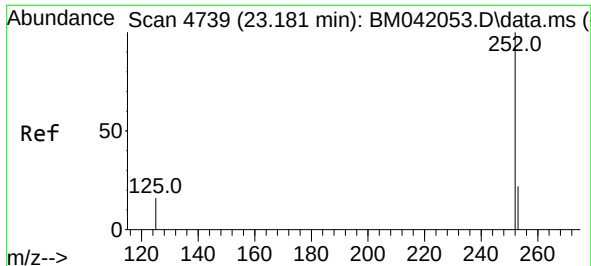
Tgt Ion:228 Resp: 11353
Ion Ratio Lower Upper
228 100
229 20.2 15.5 23.3
226 31.0 24.8 37.2



#22
Chrysene
Concen: 0.315 ng/ul
RT: 21.556 min Scan# 4183
Delta R.T. -0.006 min
Lab File: BM042068.D
Acq: 26 Sep 2023 13:15

Tgt Ion:228 Resp: 11763
Ion Ratio Lower Upper
228 100
226 34.6 27.8 41.6
229 20.1 15.6 23.4

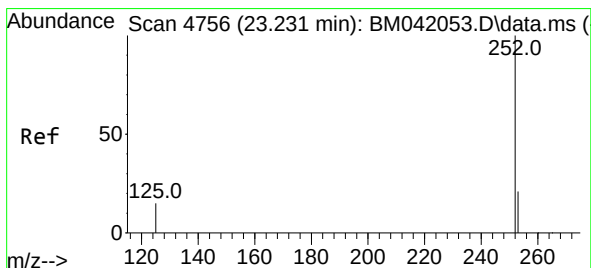
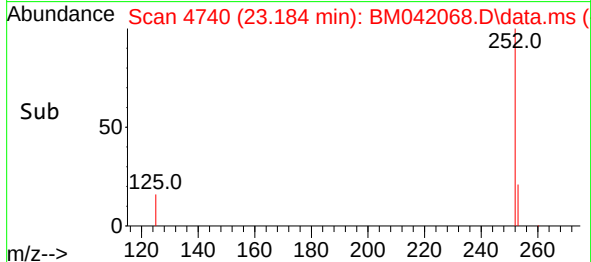
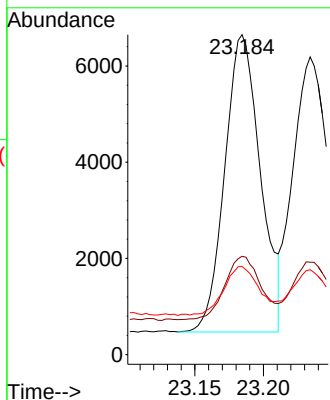
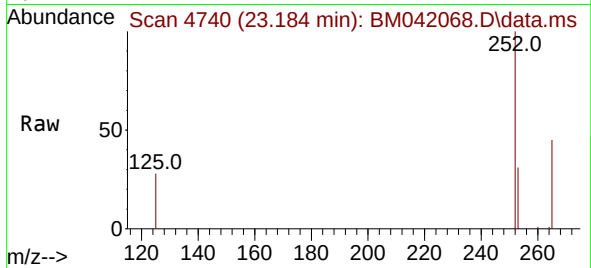




#24
Benzo(b)fluoranthene
Concen: 0.319 ng/ul
RT: 23.184 min Scan# 4739
Delta R.T. -0.006 min
Lab File: BM042068.D
Acq: 26 Sep 2023 13:15

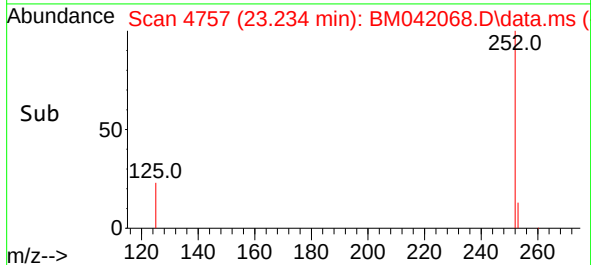
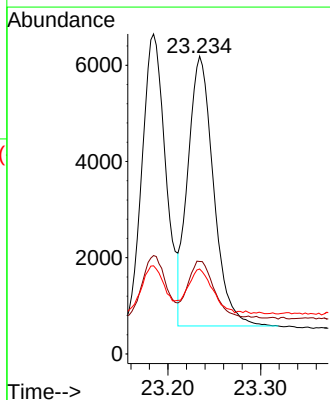
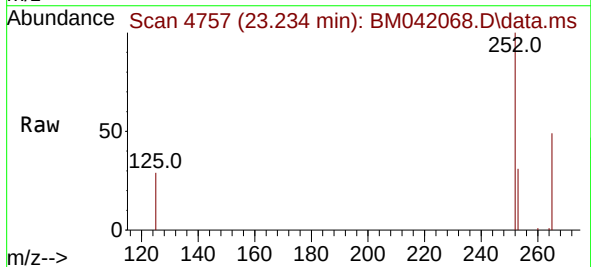
Instrument :
BNA_M
ClientSampleId :
SLCS693

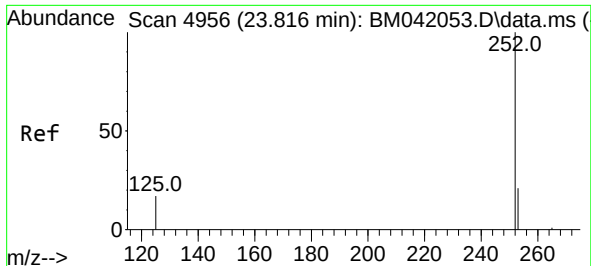
Tgt Ion:252 Resp: 11203
Ion Ratio Lower Upper
252 100
253 30.8 0.0 54.4
125 27.6 0.0 46.2



#25
Benzo(k)fluoranthene
Concen: 0.316 ng/ul
RT: 23.234 min Scan# 4757
Delta R.T. -0.006 min
Lab File: BM042068.D
Acq: 26 Sep 2023 13:15

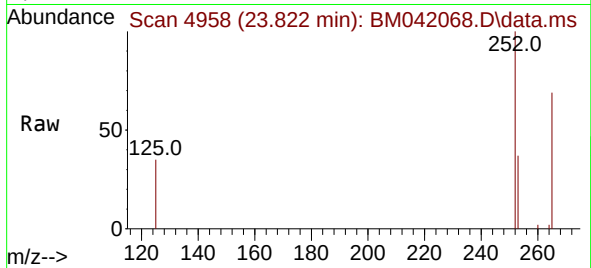
Tgt Ion:252 Resp: 10795
Ion Ratio Lower Upper
252 100
253 31.0 21.0 31.6
125 28.5 19.0 28.6



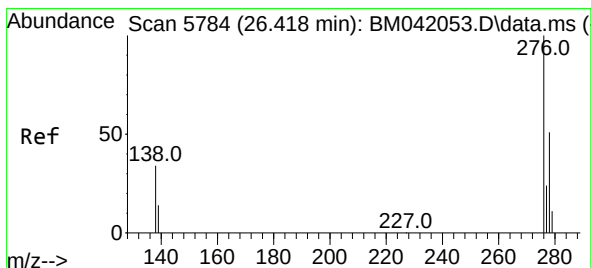
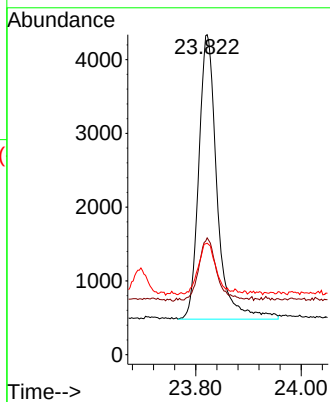
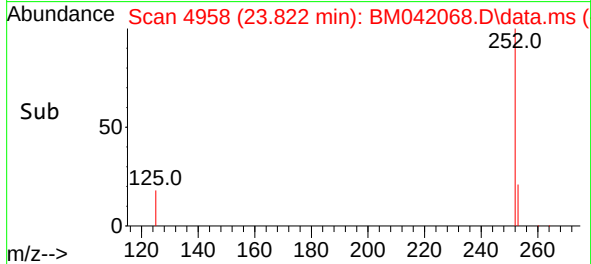


#26
Benzo(a)pyrene
Concen: 0.321 ng/ul
RT: 23.822 min Scan# 4958
Delta R.T. -0.006 min
Lab File: BM042068.D
Acq: 26 Sep 2023 13:15

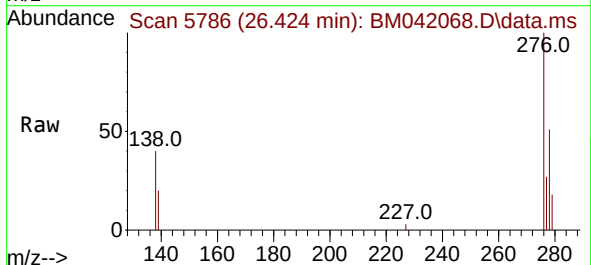
Instrument :
BNA_M
ClientSampleId :
SLCS693



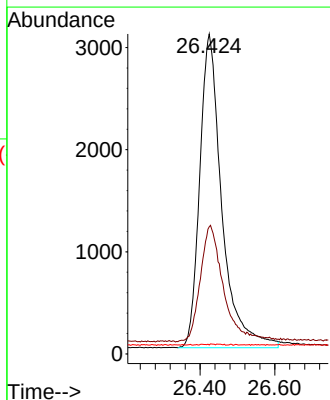
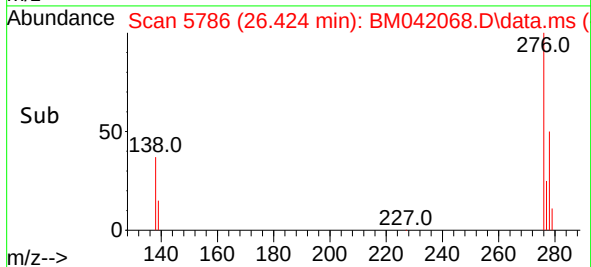
Tgt Ion:252 Resp: 9268
Ion Ratio Lower Upper
252 100
253 36.5 23.2 34.8#
125 34.9 22.5 33.7#

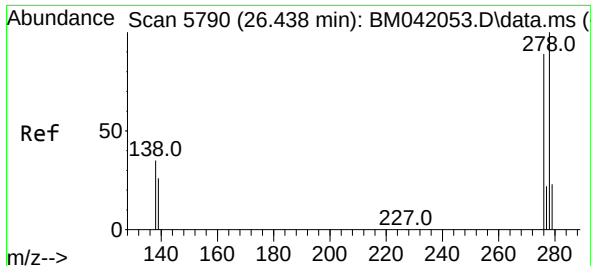


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.318 ng/ul
RT: 26.424 min Scan# 5786
Delta R.T. -0.007 min
Lab File: BM042068.D
Acq: 26 Sep 2023 13:15



Tgt Ion:276 Resp: 12600
Ion Ratio Lower Upper
276 100
138 39.4 32.1 48.1
227 0.1 0.2 0.2#

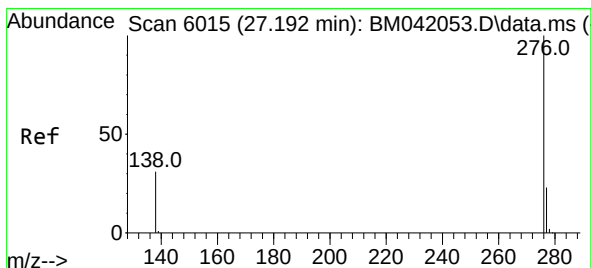
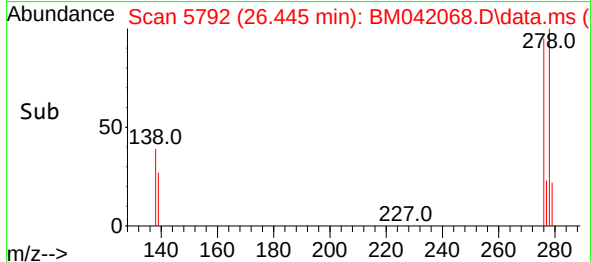
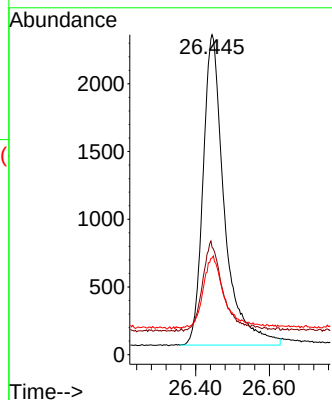
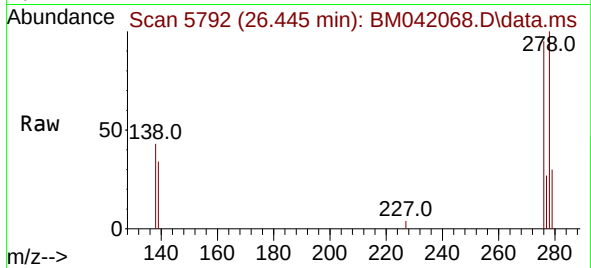




#28
Dibenzo(a,h)anthracene
Concen: 0.321 ng/ul
RT: 26.445 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM042068.D
Acq: 26 Sep 2023 13:15

Instrument :
BNA_M
ClientSampleId :
SLCS693

Tgt Ion:278 Resp: 9191
Ion Ratio Lower Upper
278 100
139 33.6 25.0 37.6
279 30.2 21.7 32.5



#29
Benzo(g,h,i)perylene
Concen: 0.332 ng/ul
RT: 27.199 min Scan# 6017
Delta R.T. -0.010 min
Lab File: BM042068.D
Acq: 26 Sep 2023 13:15

Tgt Ion:276 Resp: 11072
Ion Ratio Lower Upper
276 100
138 36.0 29.0 43.4
277 25.8 19.6 29.4

