

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
 Data File : BM041675.D
 Acq On : 07 Sep 2023 01:26
 Operator : MA/JU
 Sample : PB155235BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS235

Quant Time: Sep 07 02:05:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 06 02:20:07 2023
 Response via : Initial Calibration

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

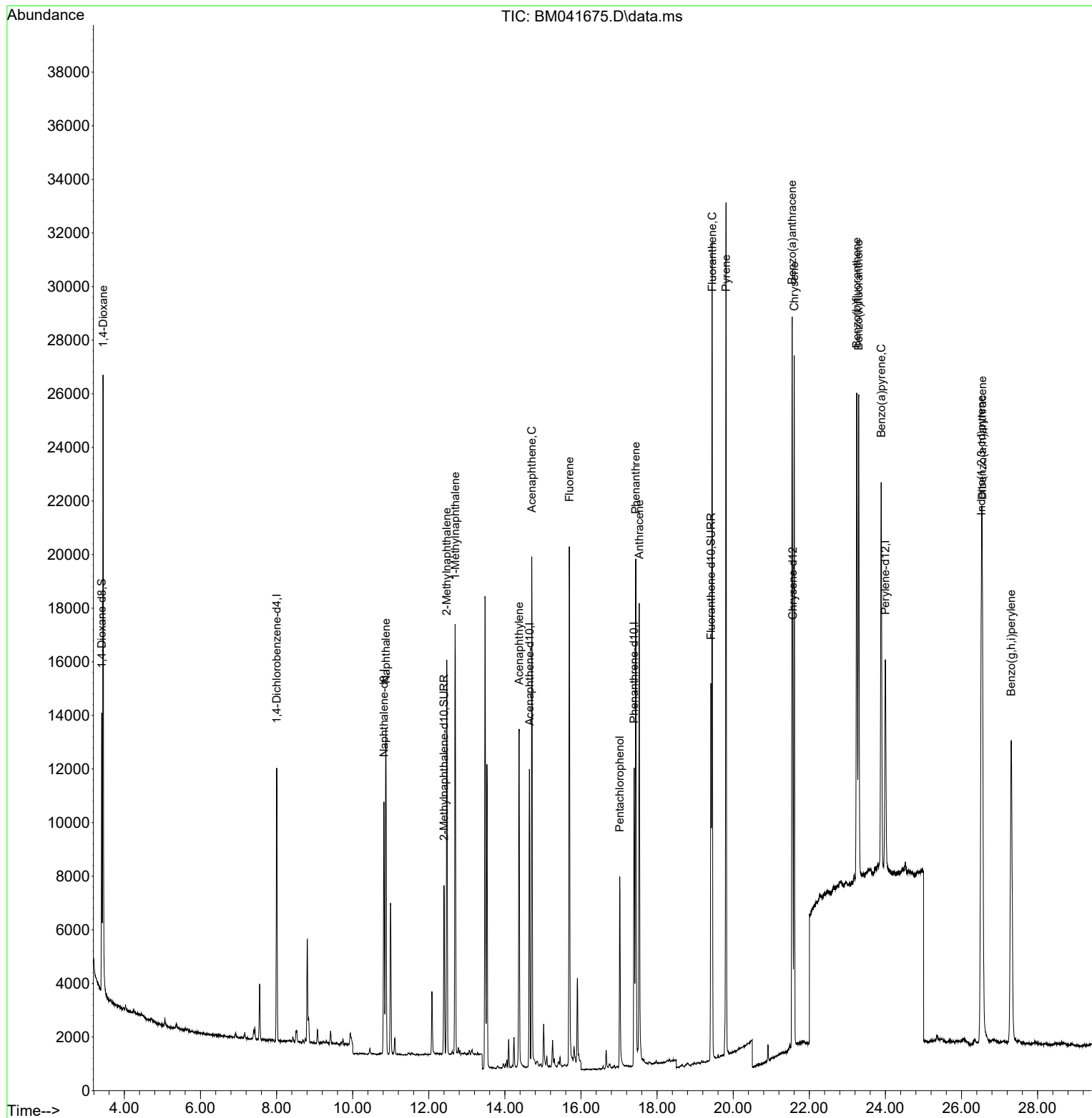
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	5017	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	12244	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.647	164	5918	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	13091	0.400	ng/ul	0.00
17) Chrysene-d12	21.565	240	8452	0.400	ng/ul	# 0.00
23) Perylene-d12	23.997	264	10859	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	5677	0.740	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	7670	0.487	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	13893	0.339	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.444	88	13662	1.715	ng/ul	95
5) Naphthalene	10.873	128	16231	0.404	ng/ul	99
7) 2-Methylnaphthalene	12.473	142	9858	0.432	ng/ul	99
8) 1-Methylnaphthalene	12.693	142	10662	0.465	ng/ul	100
10) Acenaphthylene	14.375	152	14679	0.401	ng/ul	99
11) Acenaphthene	14.708	153	11110	0.391	ng/ul	97
12) Fluorene	15.693	166	12964	0.407	ng/ul	99
14) Pentachlorophenol	17.020	266	5082	0.970	ng/ul	99
15) Phenanthrene	17.438	178	21143	0.383	ng/ul	99
16) Anthracene	17.531	178	19254	0.406	ng/ul	100
19) Fluoranthene	19.445	202	24751	0.248	ng/ul	97
20) Pyrene	19.812	202	26339	0.266	ng/ul	97
21) Benzo(a)anthracene	21.547	228	22194	0.322	ng/ul	99
22) Chrysene	21.603	228	21449	0.288	ng/ul	98
24) Benzo(b)fluoranthene	23.246	252	23849	0.245	ng/ul	96
25) Benzo(k)fluoranthene	23.298	252	23961	0.252	ng/ul	96
26) Benzo(a)pyrene	23.889	252	21853	0.277	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.522	276	30199	0.279	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.545	278	22455	0.296	ng/ul	98
29) Benzo(g,h,i)perylene	27.306	276	25231	0.263	ng/ul	100

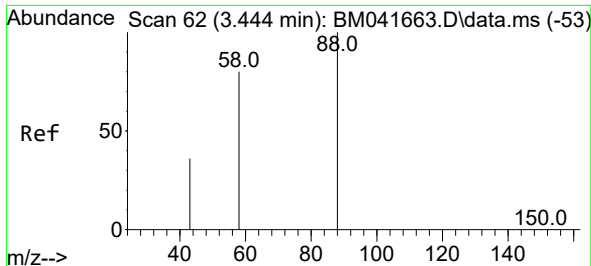
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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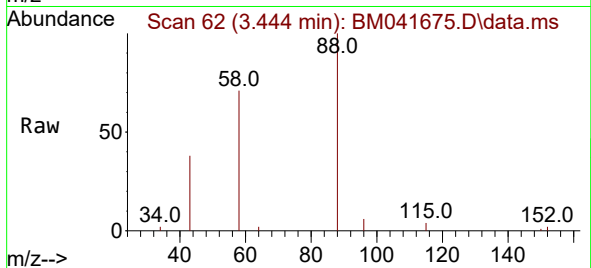
Quant Time: Sep 07 02:05:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 06 02:20:07 2023
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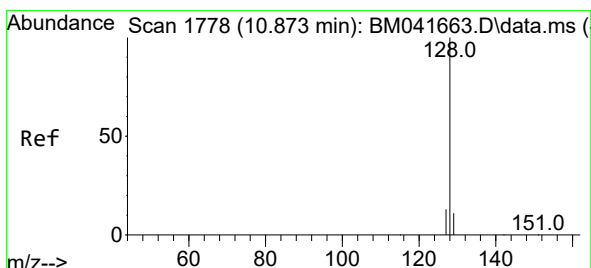
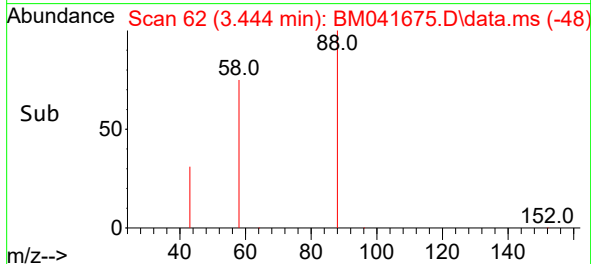
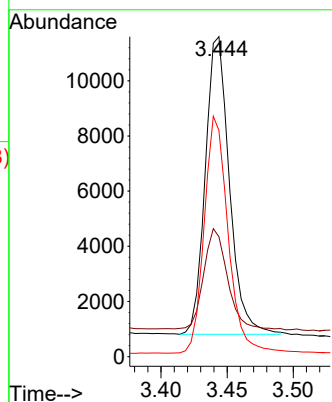
#2
1,4-Dioxane
Concen: 1.715 ng/ul
RT: 3.444 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM041675.D
Acq: 07 Sep 2023 01:26

Instrument :
BNA_M
ClientSampleId :
SLCS235



Tgt Ion: 88 Resp: 13662

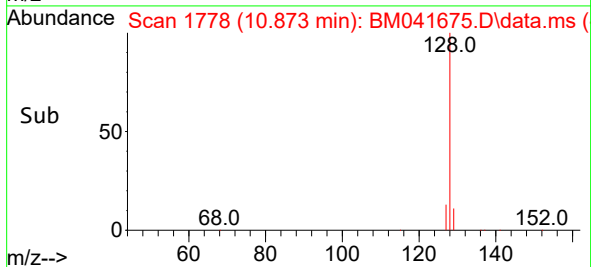
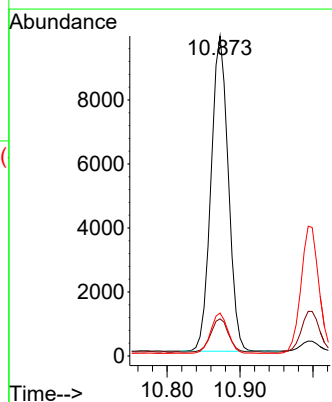
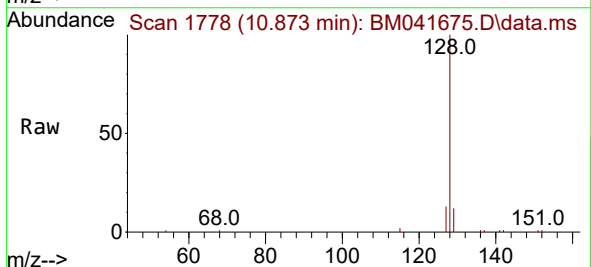
Ion	Ratio	Lower	Upper
88	100		
43	37.5	33.8	50.6
58	70.7	54.2	81.2

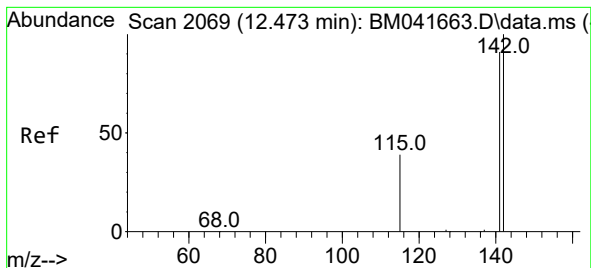


#5
Naphthalene
Concen: 0.404 ng/ul
RT: 10.873 min Scan# 1778
Delta R.T. -0.000 min
Lab File: BM041675.D
Acq: 07 Sep 2023 01:26

Tgt Ion: 128 Resp: 16231

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.0
127	13.4	11.0	16.6

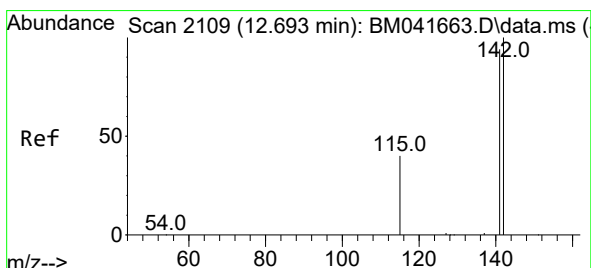
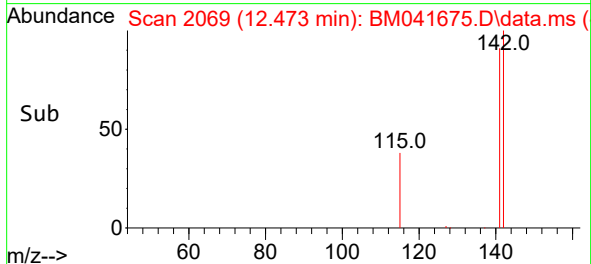
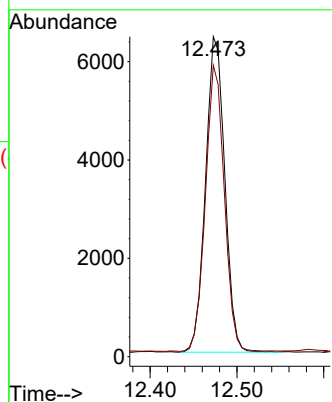
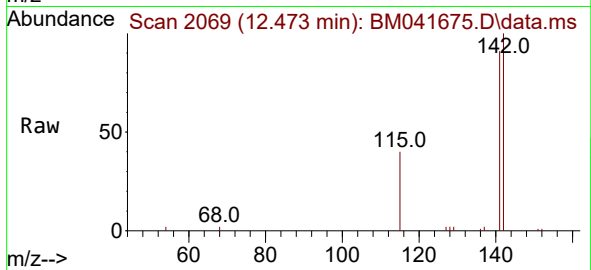




#7
2-Methylnaphthalene
Concen: 0.432 ng/ul
RT: 12.473 min Scan# 2069
Delta R.T. -0.006 min
Lab File: BM041675.D
Acq: 07 Sep 2023 01:26

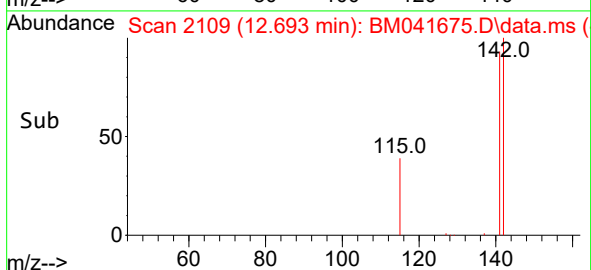
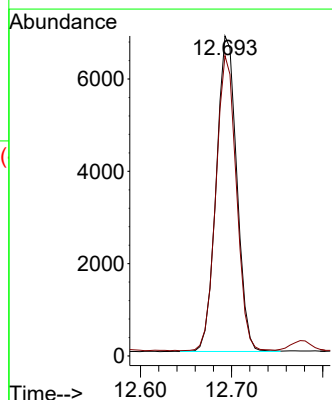
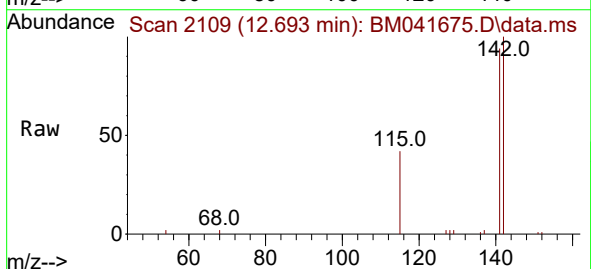
Instrument :
BNA_M
ClientSampleId :
SLCS235

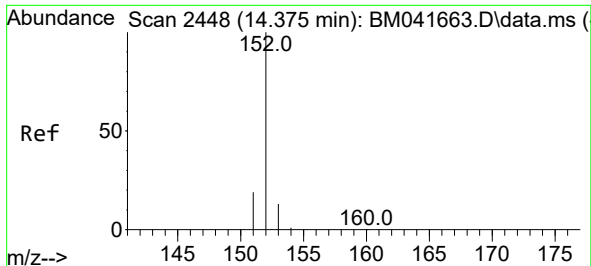
Tgt Ion:142 Resp: 9858
Ion Ratio Lower Upper
142 100
141 89.2 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.465 ng/ul
RT: 12.693 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BM041675.D
Acq: 07 Sep 2023 01:26

Tgt Ion:142 Resp: 10662
Ion Ratio Lower Upper
142 100
141 93.3 74.4 111.6

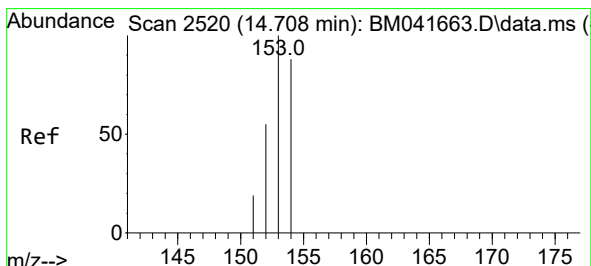
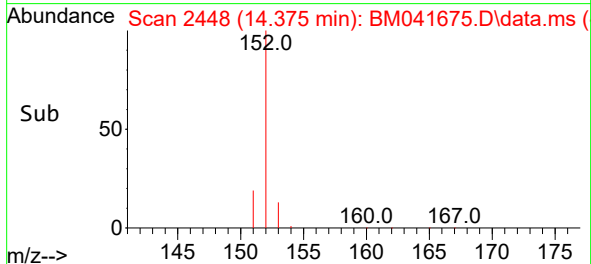
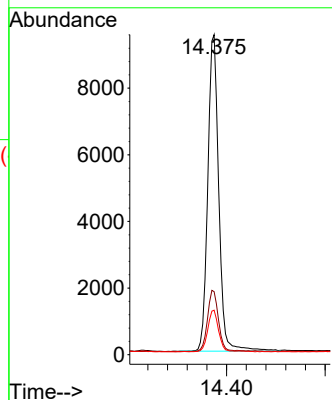
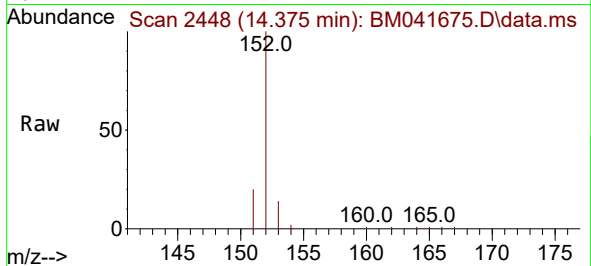




#10
Acenaphthylene
Concen: 0.401 ng/ul
RT: 14.375 min Scan# 2448
Delta R.T. -0.000 min
Lab File: BM041675.D
Acq: 07 Sep 2023 01:26

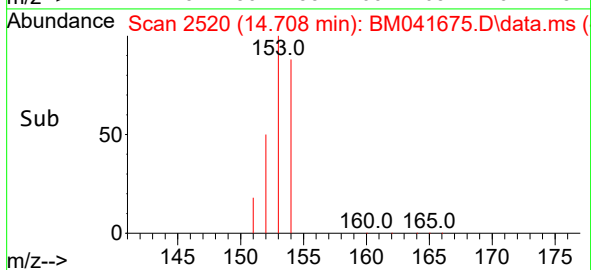
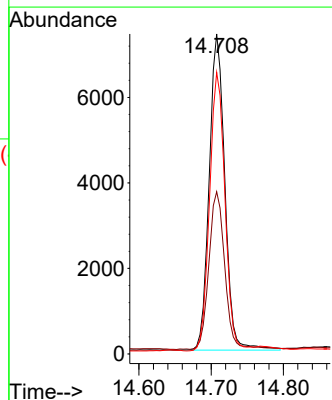
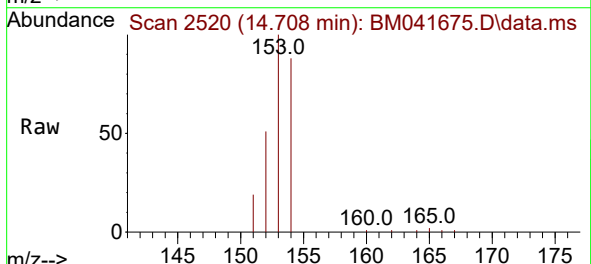
Instrument :
BNA_M
ClientSampleId :
SLCS235

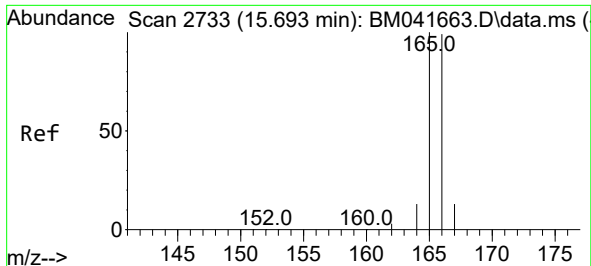
Tgt Ion:152 Resp: 14679
Ion Ratio Lower Upper
152 100
151 19.7 16.4 24.6
153 13.9 11.1 16.7



#11
Acenaphthene
Concen: 0.391 ng/ul
RT: 14.708 min Scan# 2520
Delta R.T. -0.005 min
Lab File: BM041675.D
Acq: 07 Sep 2023 01:26

Tgt Ion:153 Resp: 11110
Ion Ratio Lower Upper
153 100
152 50.7 43.4 65.2
154 88.0 69.4 104.0

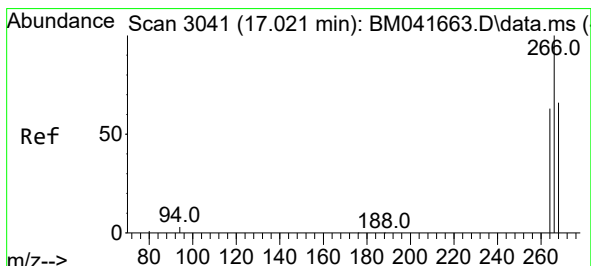
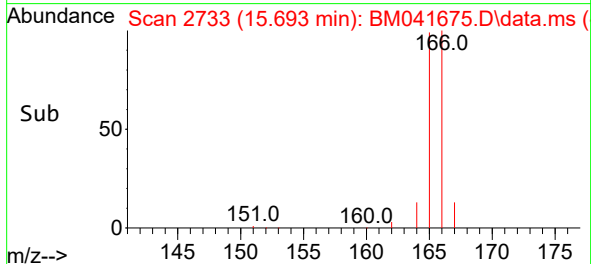
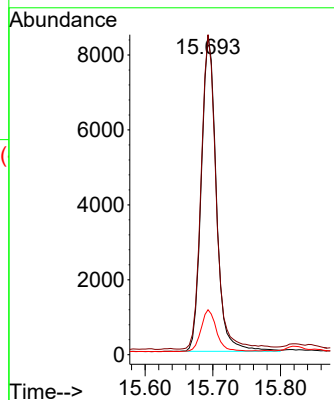
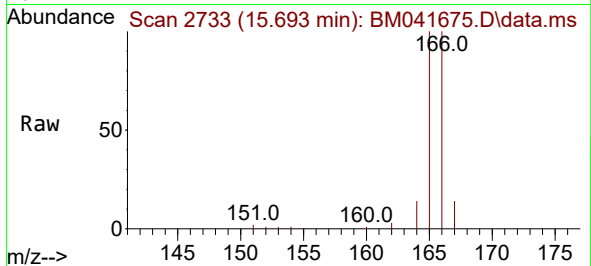




#12
Fluorene
Concen: 0.407 ng/ul
RT: 15.693 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM041675.D
Acq: 07 Sep 2023 01:26

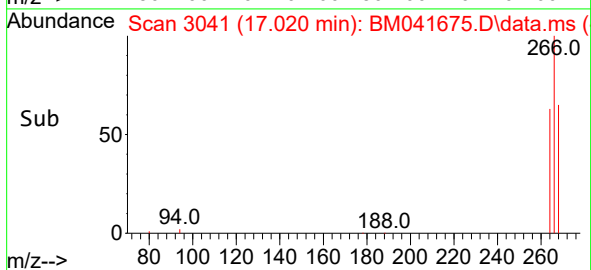
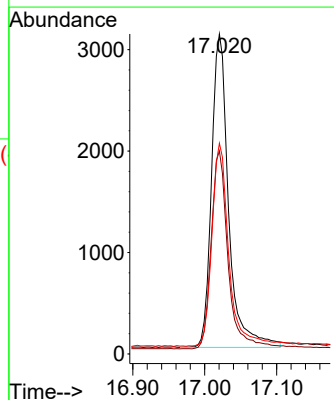
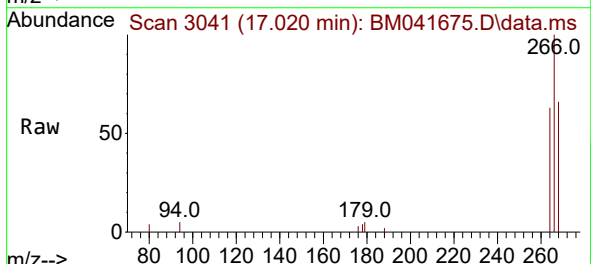
Instrument :
BNA_M
ClientSampleId :
SLCS235

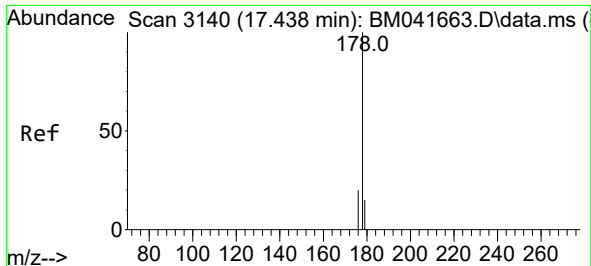
Tgt Ion:166 Resp: 12964
Ion Ratio Lower Upper
166 100
165 100.1 79.4 119.2
167 14.1 11.3 16.9



#14
Pentachlorophenol
Concen: 0.970 ng/ul
RT: 17.020 min Scan# 3041
Delta R.T. -0.004 min
Lab File: BM041675.D
Acq: 07 Sep 2023 01:26

Tgt Ion:266 Resp: 5082
Ion Ratio Lower Upper
266 100
264 62.5 50.0 75.0
268 64.7 50.8 76.2

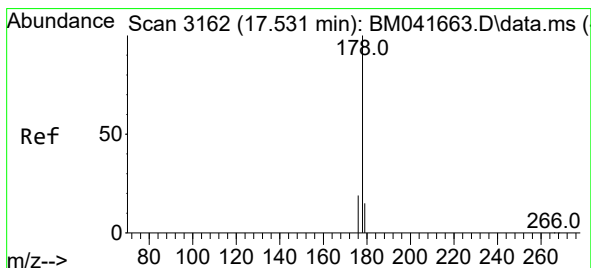
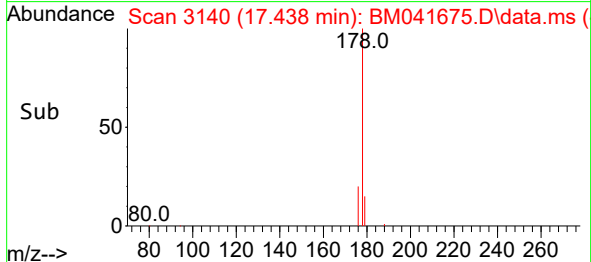
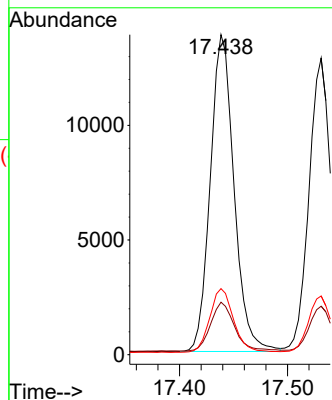
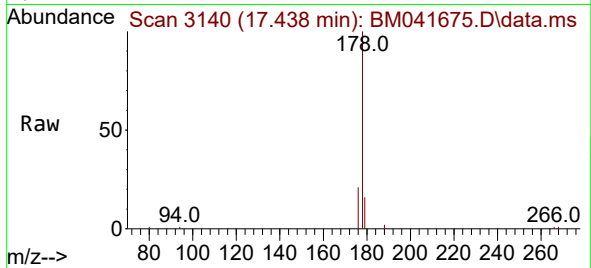




#15
Phenanthrene
Concen: 0.383 ng/ul
RT: 17.438 min Scan# 3140
Delta R.T. -0.004 min
Lab File: BM041675.D
Acq: 07 Sep 2023 01:26

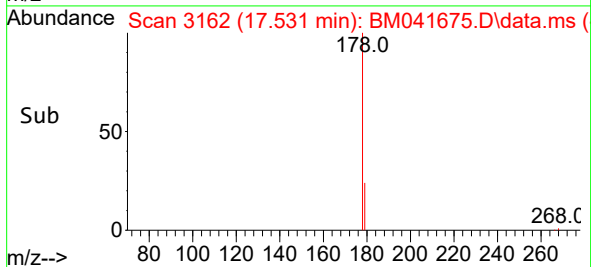
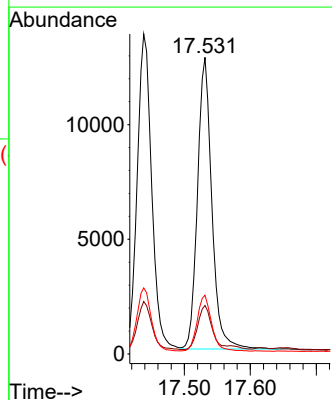
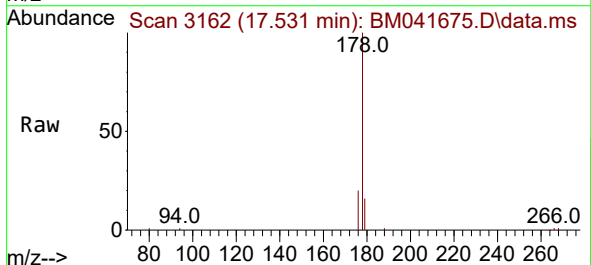
Instrument :
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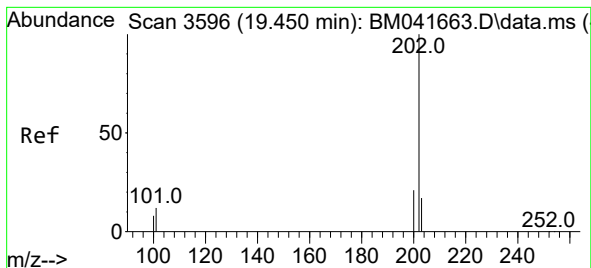
Tgt Ion:	178	Resp:	21143
Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.9	19.3
176	20.6	16.9	25.3



#16
Anthracene
Concen: 0.406 ng/ul
RT: 17.531 min Scan# 3162
Delta R.T. -0.004 min
Lab File: BM041675.D
Acq: 07 Sep 2023 01:26

Tgt Ion:	178	Resp:	19254
Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.9	19.3
176	19.8	15.8	23.8





#19

Fluoranthene

Concen: 0.248 ng/ul

RT: 19.445 min Scan# 3596

Delta R.T. -0.005 min

Lab File: BM041675.D

Acq: 07 Sep 2023 01:26

Instrument :

BNA_M

ClientSampleId :

SLCS235

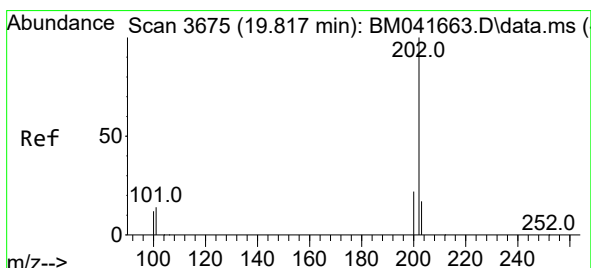
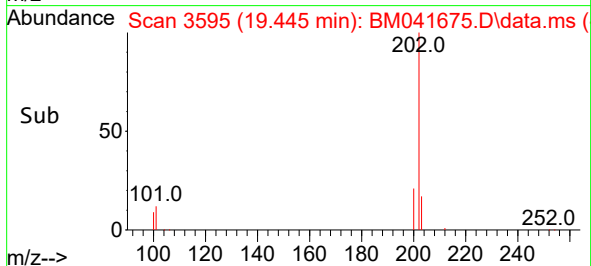
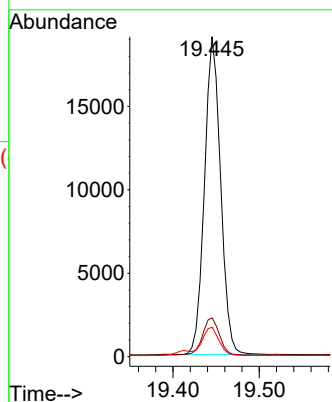
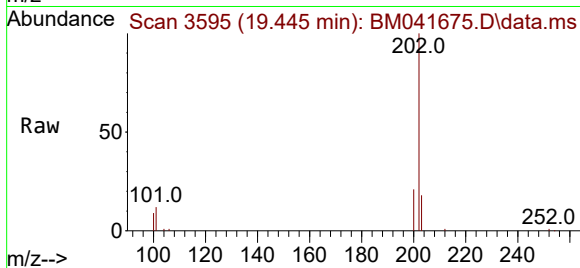
Tgt Ion:202 Resp: 24751

Ion Ratio Lower Upper

202 100

101 12.1 10.5 15.7

100 9.2 8.4 12.6



#20

Pyrene

Concen: 0.266 ng/ul

RT: 19.812 min Scan# 3674

Delta R.T. -0.005 min

Lab File: BM041675.D

Acq: 07 Sep 2023 01:26

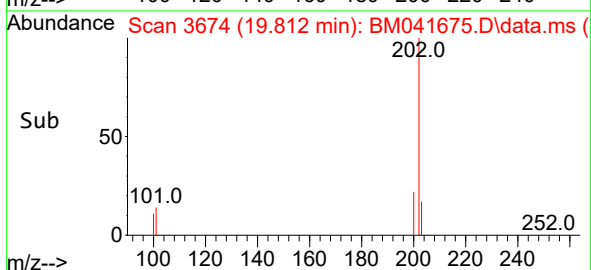
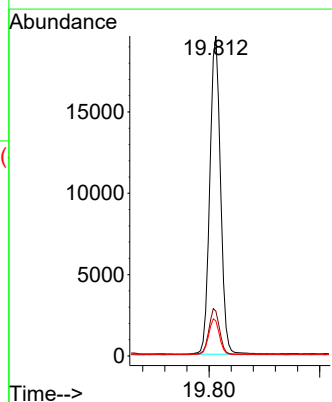
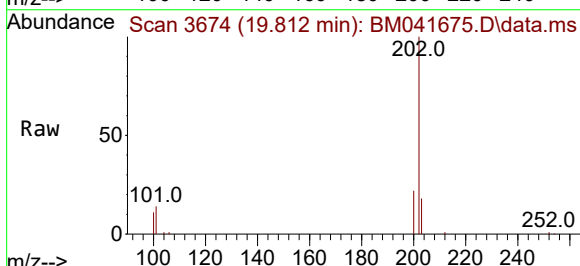
Tgt Ion:202 Resp: 26339

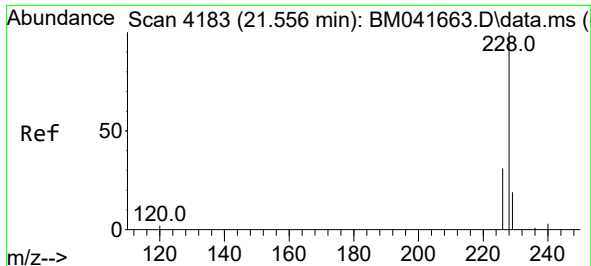
Ion Ratio Lower Upper

202 100

101 14.0 11.8 17.8

100 10.9 9.8 14.6

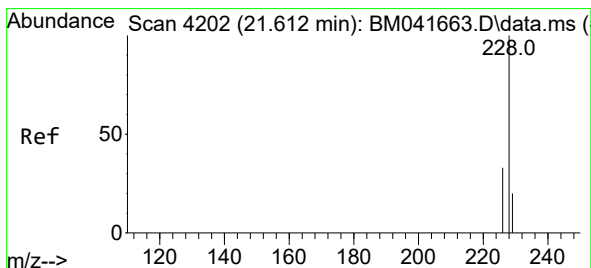
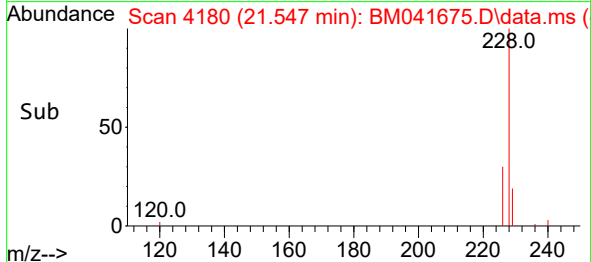
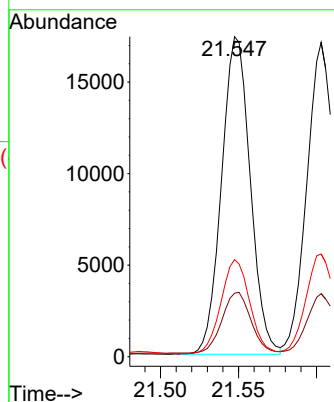
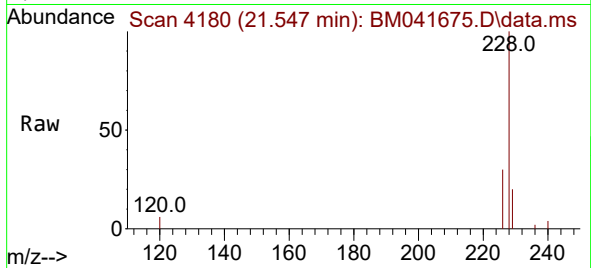




#21
Benzo(a)anthracene
Concen: 0.322 ng/ul
RT: 21.547 min Scan# 4180
Delta R.T. -0.006 min
Lab File: BM041675.D
Acq: 07 Sep 2023 01:26

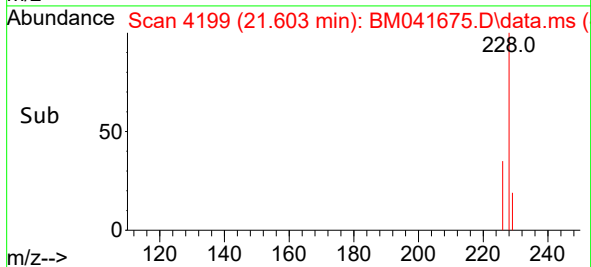
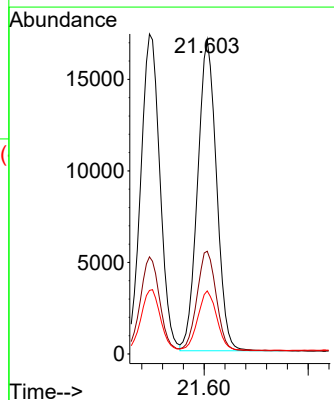
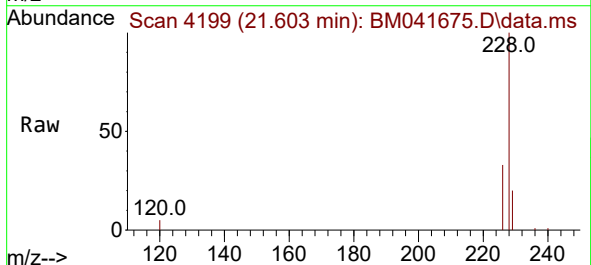
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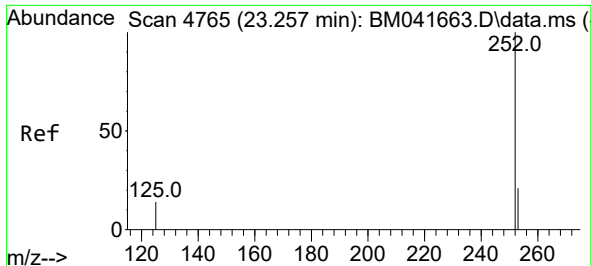
Tgt Ion:228 Resp: 22194
Ion Ratio Lower Upper
228 100
229 19.9 15.8 23.6
226 30.4 24.8 37.2



#22
Chrysene
Concen: 0.288 ng/ul
RT: 21.603 min Scan# 4199
Delta R.T. -0.006 min
Lab File: BM041675.D
Acq: 07 Sep 2023 01:26

Tgt Ion:228 Resp: 21449
Ion Ratio Lower Upper
228 100
226 32.7 27.0 40.6
229 20.1 15.4 23.2

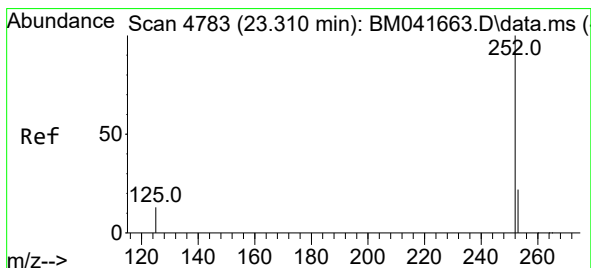
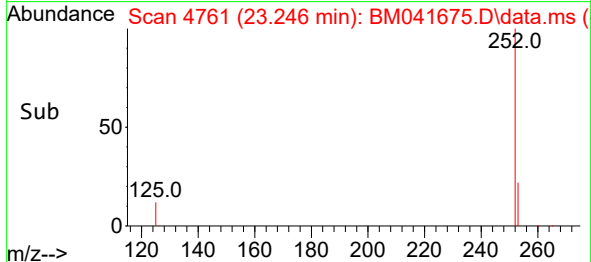
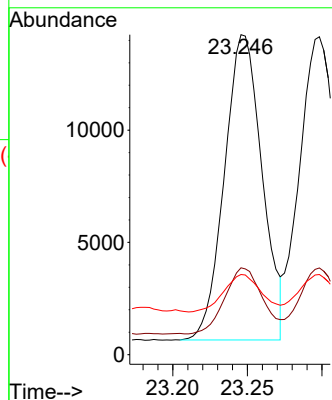
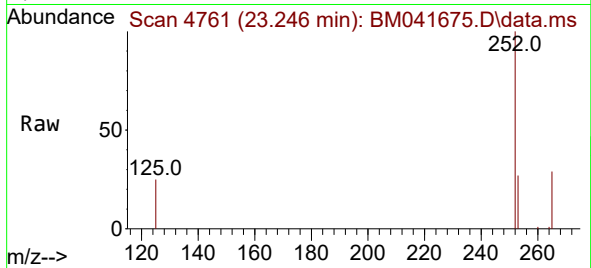




#24
Benzo(b)fluoranthene
Concen: 0.245 ng/ul
RT: 23.246 min Scan# 4761
Delta R.T. -0.006 min
Lab File: BM041675.D
Acq: 07 Sep 2023 01:26

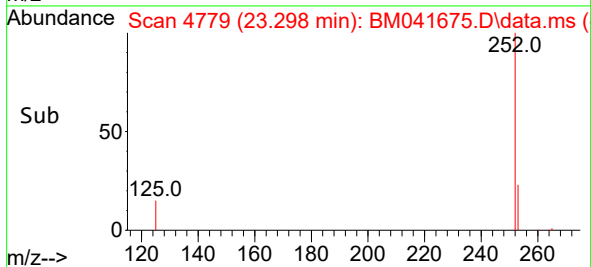
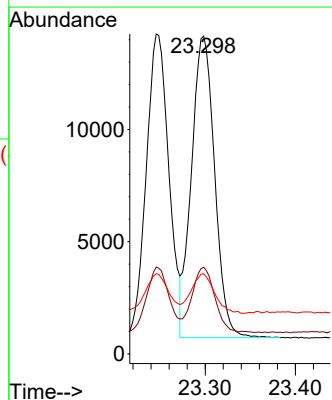
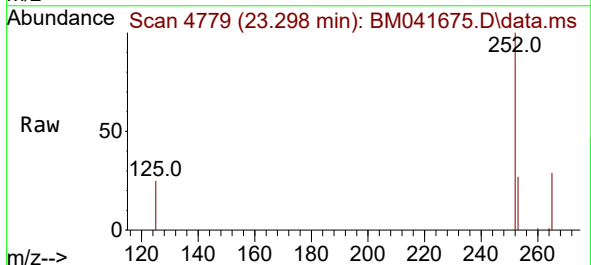
Instrument :
BNA_M
ClientSampleId :
SLCS235

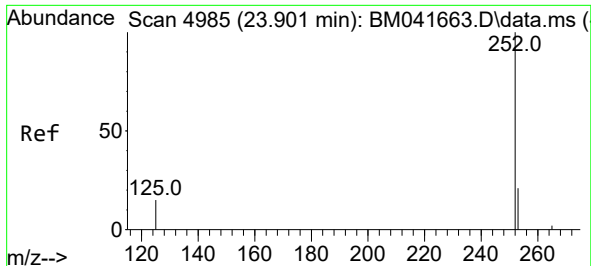
Tgt Ion:252 Resp: 23849
Ion Ratio Lower Upper
252 100
253 27.1 0.0 52.4
125 25.0 0.0 42.8



#25
Benzo(k)fluoranthene
Concen: 0.252 ng/ul
RT: 23.298 min Scan# 4779
Delta R.T. -0.006 min
Lab File: BM041675.D
Acq: 07 Sep 2023 01:26

Tgt Ion:252 Resp: 23961
Ion Ratio Lower Upper
252 100
253 27.3 21.3 31.9
125 25.2 17.4 26.0

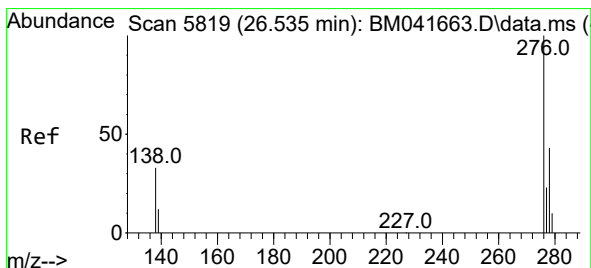
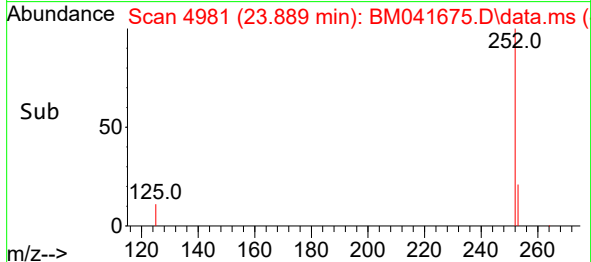
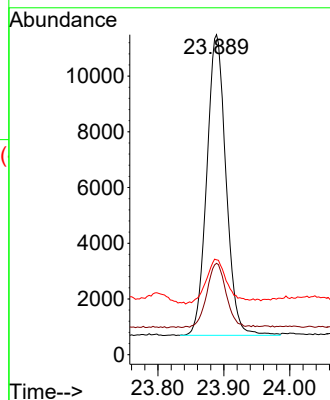
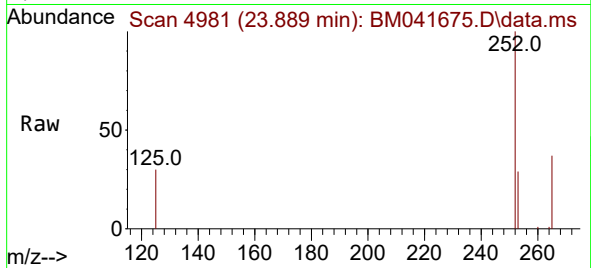




#26
Benzo(a)pyrene
Concen: 0.277 ng/ul
RT: 23.889 min Scan# 4985
Delta R.T. -0.009 min
Lab File: BM041675.D
Acq: 07 Sep 2023 01:26

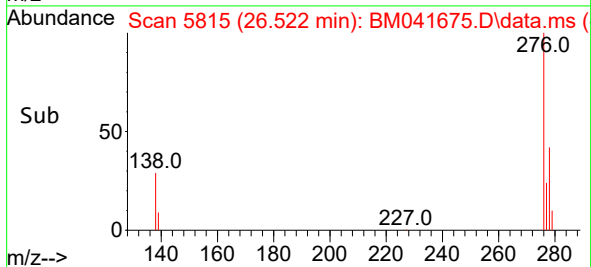
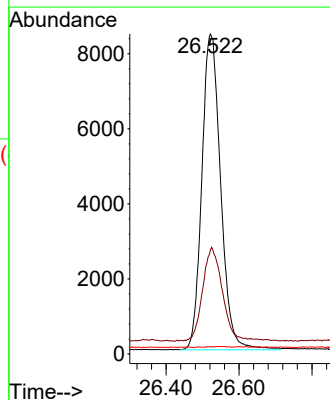
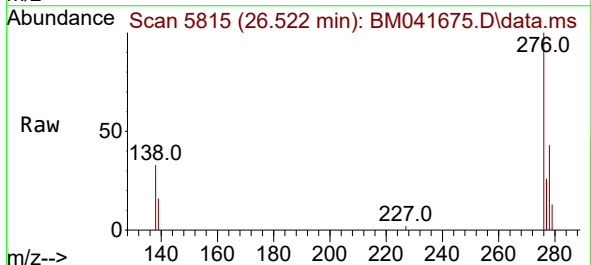
Instrument :
BNA_M
ClientSampleId :
SLCS235

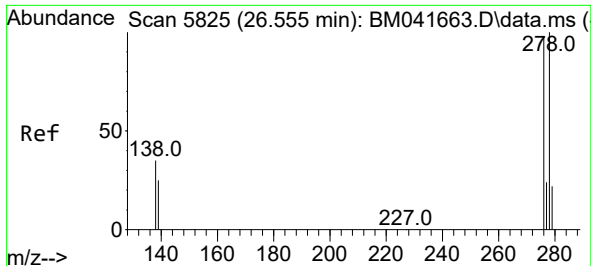
Tgt Ion:252 Resp: 21853
Ion Ratio Lower Upper
252 100
253 28.6 22.4 33.6
125 29.7 21.0 31.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.279 ng/ul
RT: 26.522 min Scan# 5815
Delta R.T. -0.010 min
Lab File: BM041675.D
Acq: 07 Sep 2023 01:26

Tgt Ion:276 Resp: 30199
Ion Ratio Lower Upper
276 100
138 31.1 26.4 39.6
227 0.0 0.1 0.1#

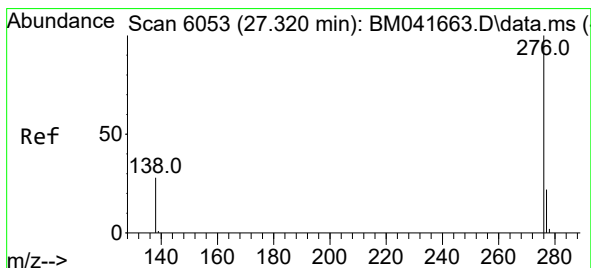
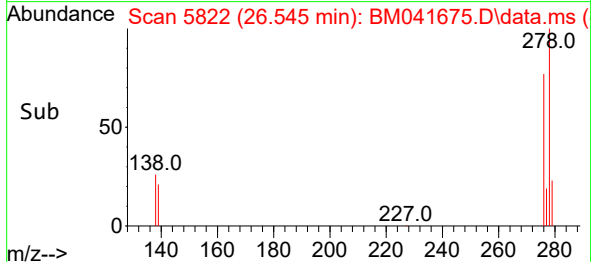
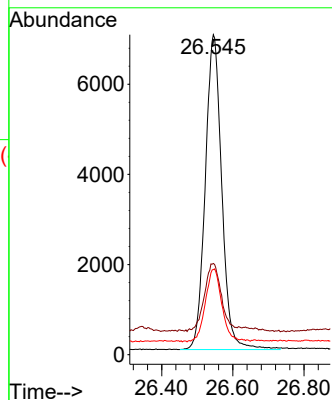
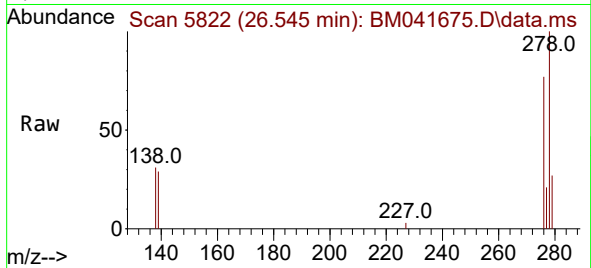




#28
Dibenzo(a,h)anthracene
Concen: 0.296 ng/ul
RT: 26.545 min Scan# 5822
Delta R.T. -0.007 min
Lab File: BM041675.D
Acq: 07 Sep 2023 01:26

Instrument :
BNA_M
ClientSampleId :
SLCS235

Tgt Ion:278 Resp: 22455
Ion Ratio Lower Upper
278 100
139 28.5 23.0 34.6
279 26.6 22.9 34.3



#29
Benzo(g,h,i)perylene
Concen: 0.263 ng/ul
RT: 27.306 min Scan# 6049
Delta R.T. -0.010 min
Lab File: BM041675.D
Acq: 07 Sep 2023 01:26

Tgt Ion:276 Resp: 25231
Ion Ratio Lower Upper
276 100
138 30.9 25.0 37.4
277 25.3 20.2 30.2

