

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122623\
 Data File : BM043625.D
 Acq On : 28 Dec 2023 01:37
 Operator : MA/JU
 Sample : PB158076BS
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS076

Quant Time: Dec 28 02:11:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 22:58:31 2023
 Response via : Initial Calibration

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

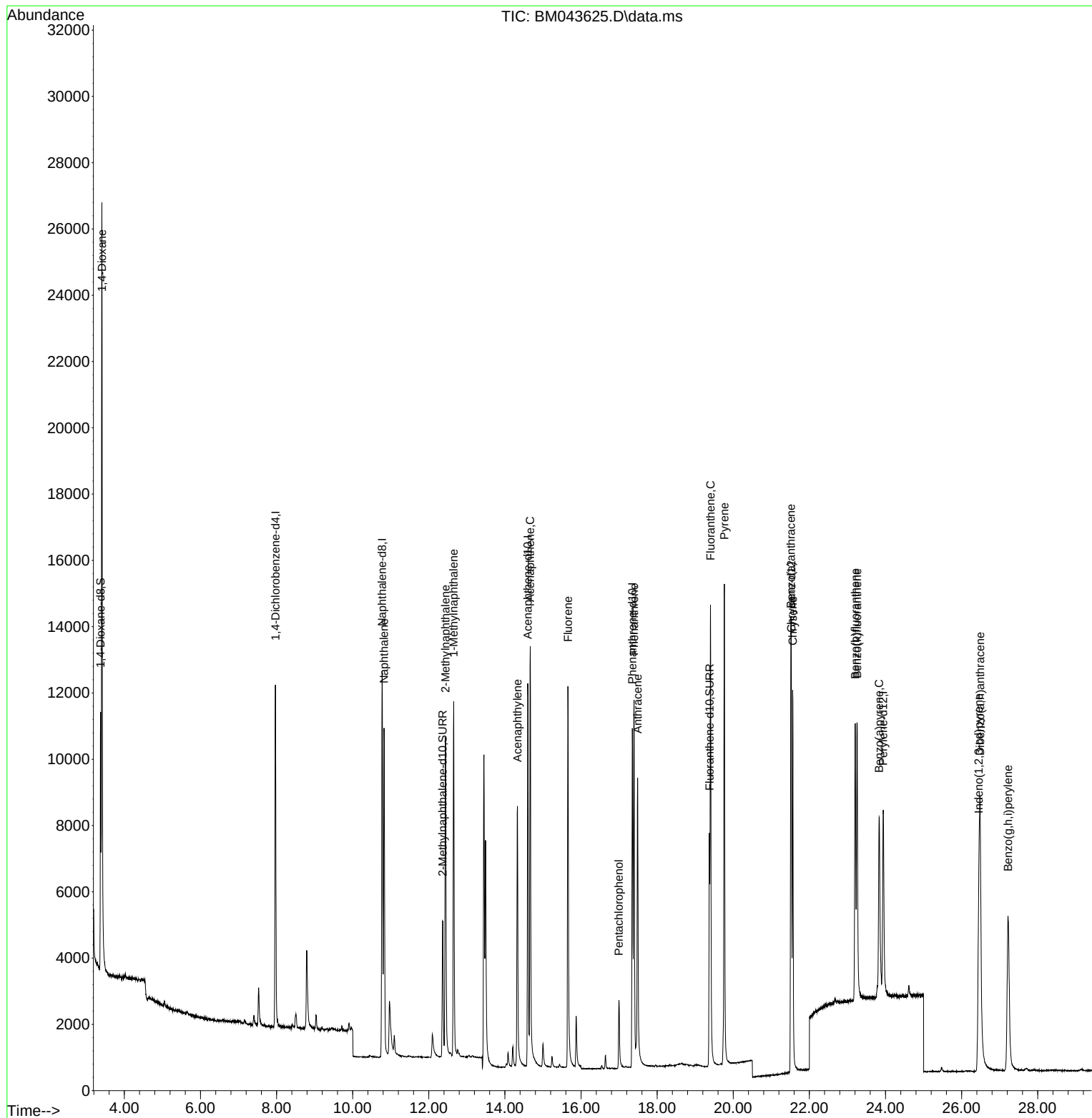
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	5752	0.400	ng/ul	0.00
4) Naphthalene-d8	10.774	136	17036	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.601	164	7013	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.350	188	13514	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.527	240	8008	0.400	ng/ul	# 0.00
23) Perylene-d12	23.942	264	9011	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.377	96	4889	0.673	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	6449	0.267	ng/ul	0.00
18) Fluoranthene-d10	19.376	212	8215	0.287	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.410	88	14406	1.976	ng/ul#	82
5) Naphthalene	10.823	128	14558	0.284	ng/ul	99
7) 2-Methylnaphthalene	12.440	142	8369	0.253	ng/ul	97
8) 1-Methylnaphthalene	12.654	142	8126	0.245	ng/ul	99
10) Acenaphthylene	14.328	152	11323	0.293	ng/ul	98
11) Acenaphthene	14.666	153	8290	0.295	ng/ul	99
12) Fluorene	15.656	166	8908	0.280	ng/ul	98
14) Pentachlorophenol	16.995	266	1854	0.619	ng/ul	97
15) Phenanthrene	17.392	178	13240	0.294	ng/ul	98
16) Anthracene	17.485	178	12197	0.298	ng/ul	99
19) Fluoranthene	19.404	202	12810	0.284	ng/ul#	91
20) Pyrene	19.766	202	13079	0.292	ng/ul#	94
21) Benzo(a)anthracene	21.513	228	10124	0.288	ng/ul	99
22) Chrysene	21.562	228	11690	0.315	ng/ul	99
24) Benzo(b)fluoranthene	23.205	252	11286	0.276	ng/ul	90
25) Benzo(k)fluoranthene	23.255	252	13016	0.307	ng/ul#	88
26) Benzo(a)pyrene	23.836	252	10440	0.309	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.455	276	14230	0.370	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.485	278	11490	0.377	ng/ul#	92
29) Benzo(g,h,i)perylene	27.220	276	12227	0.373	ng/ul	93

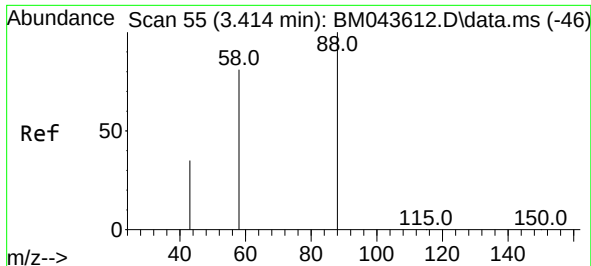
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122623\
Data File : BM043625.D
Acq On : 28 Dec 2023 01:37
Operator : MA/JU
Sample : PB158076BS
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS076

Quant Time: Dec 28 02:11:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 22:58:31 2023
Response via : Initial Calibration

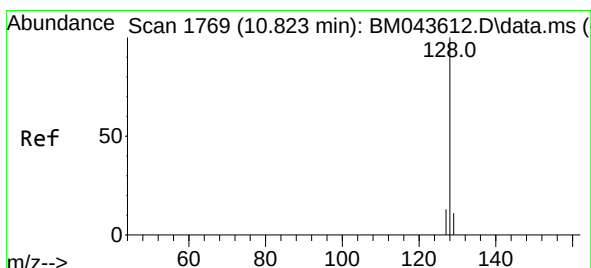
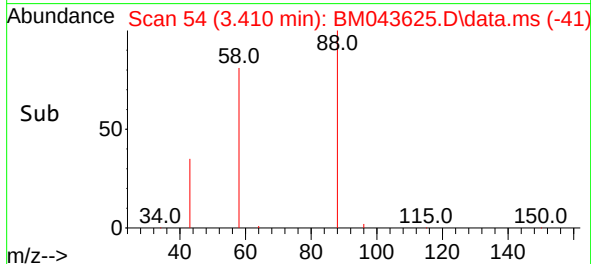
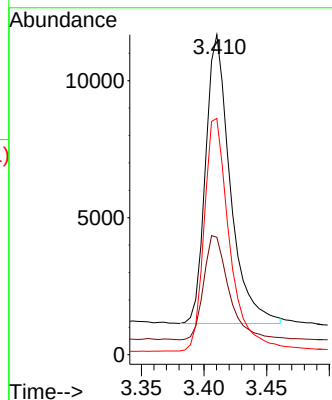
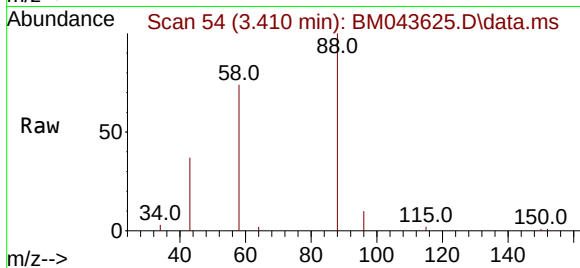




#2
1,4-Dioxane
Concen: 1.976 ng/ul
RT: 3.410 min Scan# 54
Delta R.T. -0.004 min
Lab File: BM043625.D
Acq: 28 Dec 2023 01:37

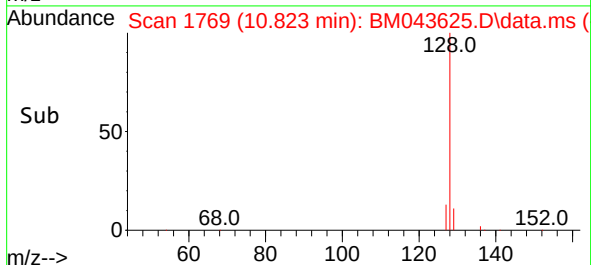
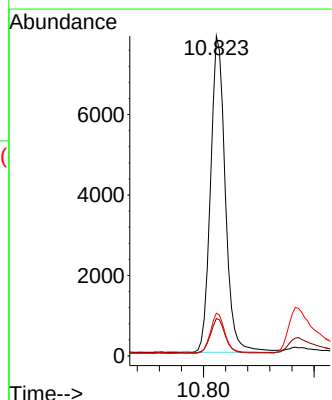
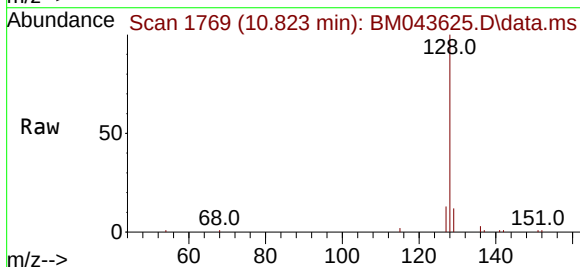
Instrument :
BNA_M
ClientSampleId :
SLCS076

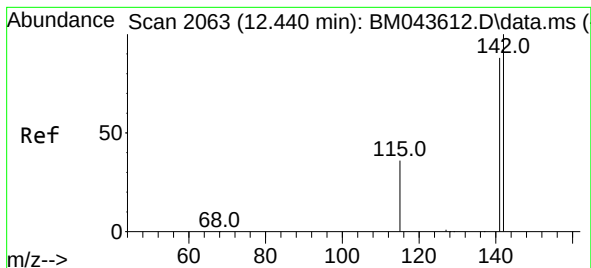
Tgt Ion: 88 Resp: 14406
Ion Ratio Lower Upper
88 100
43 36.7 27.9 41.9
58 73.8 43.4 65.2#



#5
Naphthalene
Concen: 0.284 ng/ul
RT: 10.823 min Scan# 1769
Delta R.T. -0.005 min
Lab File: BM043625.D
Acq: 28 Dec 2023 01:37

Tgt Ion:128 Resp: 14558
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.4
127 13.3 10.3 15.5





#7

2-Methylnaphthalene

Concen: 0.253 ng/ul

RT: 12.440 min Scan# 2063

Delta R.T. 0.000 min

Lab File: BM043625.D

Acq: 28 Dec 2023 01:37

Instrument :

BNA_M

ClientSampleId :

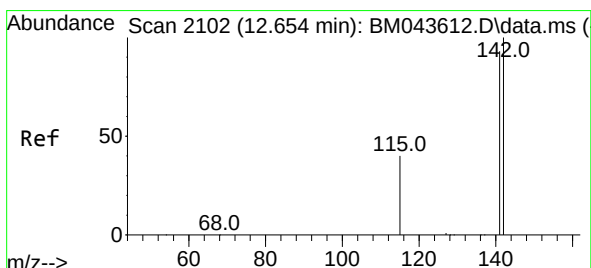
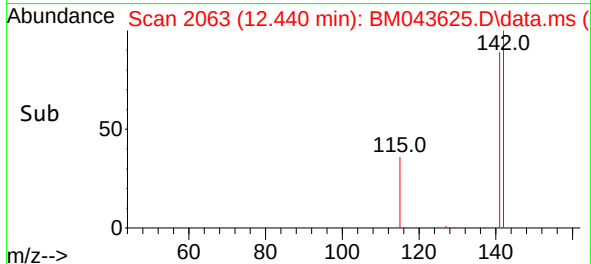
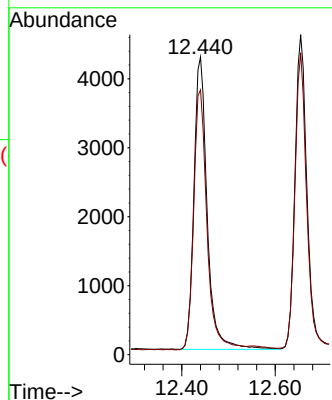
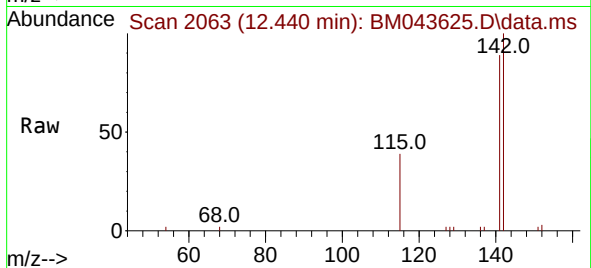
SLCS076

Tgt Ion:142 Resp: 8369

Ion Ratio Lower Upper

142 100

141 91.4 70.9 106.3



#8

1-Methylnaphthalene

Concen: 0.245 ng/ul

RT: 12.654 min Scan# 2102

Delta R.T. -0.005 min

Lab File: BM043625.D

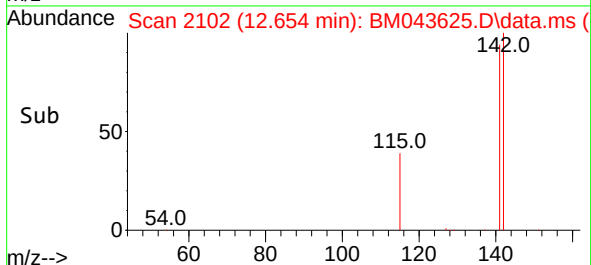
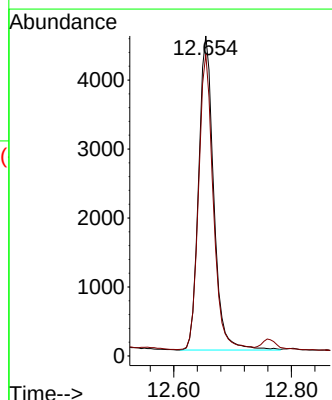
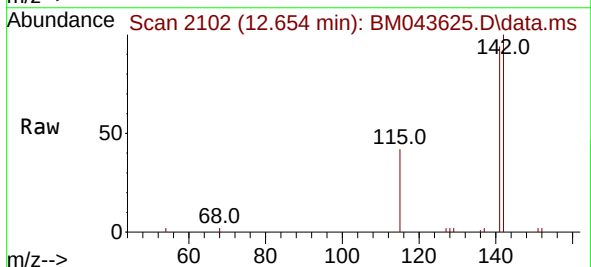
Acq: 28 Dec 2023 01:37

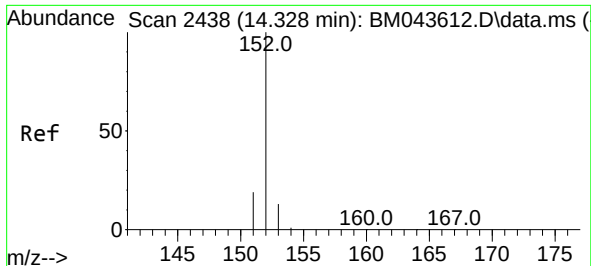
Tgt Ion:142 Resp: 8126

Ion Ratio Lower Upper

142 100

141 91.4 73.7 110.5

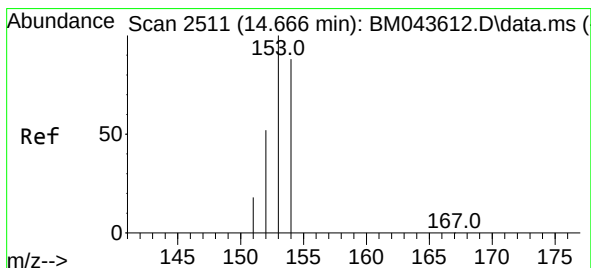
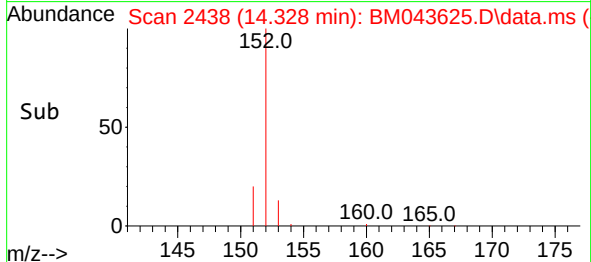
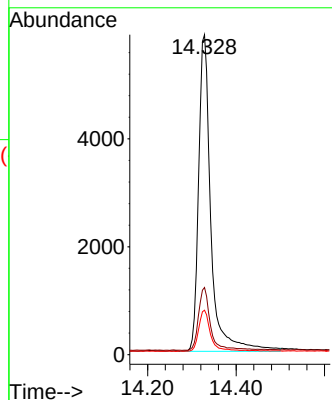
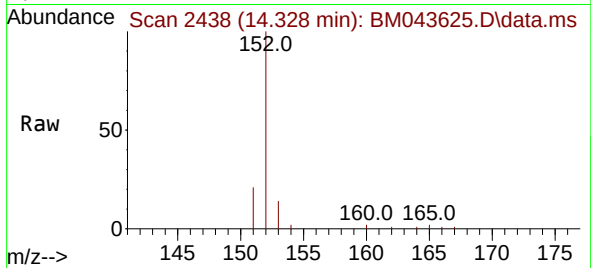




#10
Acenaphthylene
Concen: 0.293 ng/ul
RT: 14.328 min Scan# 2438
Delta R.T. 0.000 min
Lab File: BM043625.D
Acq: 28 Dec 2023 01:37

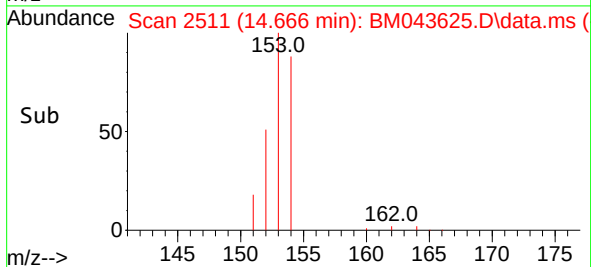
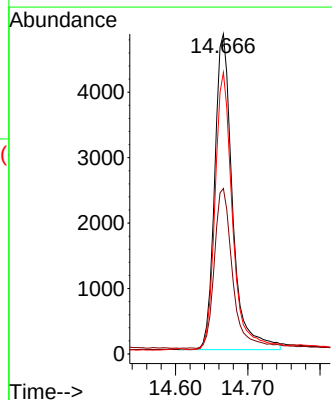
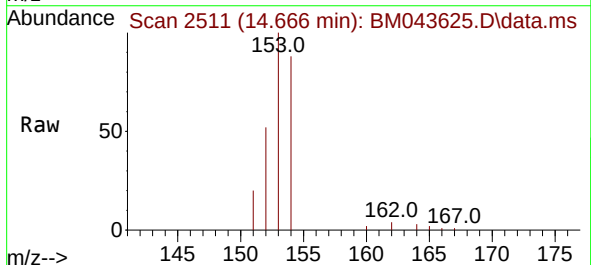
Instrument :
BNA_M
ClientSampleId :
SLCS076

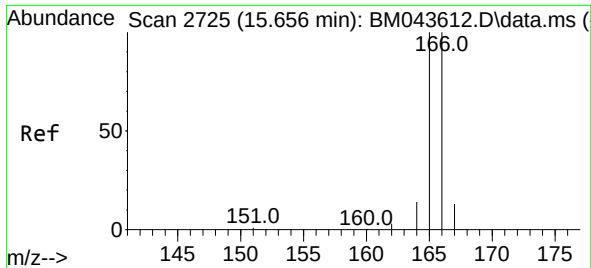
Tgt Ion:152 Resp: 11323
Ion Ratio Lower Upper
152 100
151 21.0 16.2 24.2
153 13.9 10.4 15.6



#11
Acenaphthene
Concen: 0.295 ng/ul
RT: 14.666 min Scan# 2511
Delta R.T. 0.000 min
Lab File: BM043625.D
Acq: 28 Dec 2023 01:37

Tgt Ion:153 Resp: 8290
Ion Ratio Lower Upper
153 100
152 51.7 42.1 63.1
154 87.9 71.3 106.9

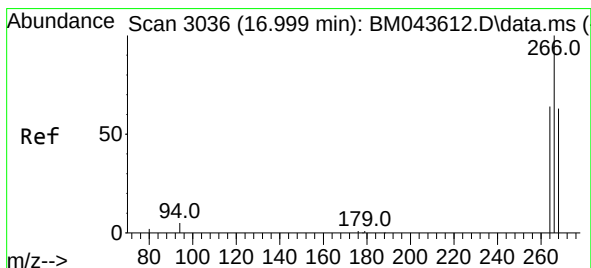
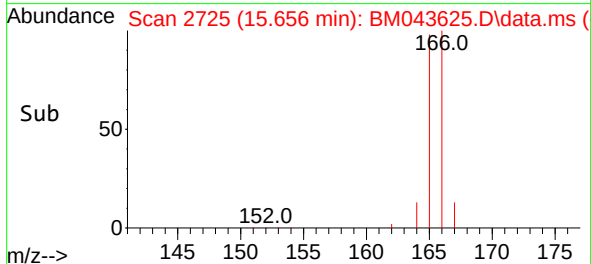
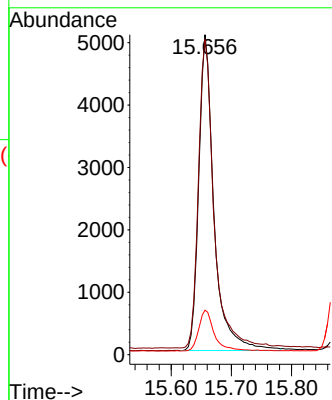
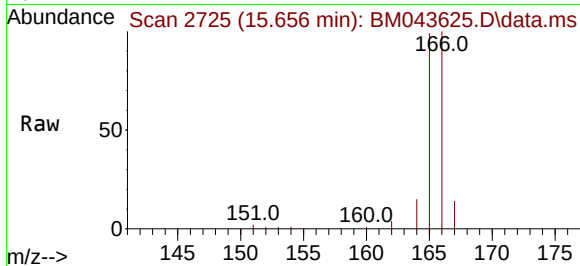




#12
Fluorene
Concen: 0.280 ng/ul
RT: 15.656 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM043625.D
Acq: 28 Dec 2023 01:37

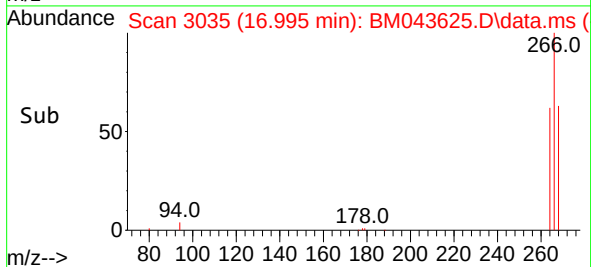
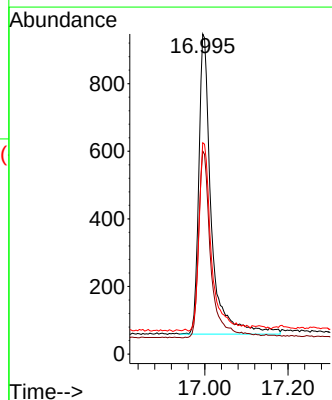
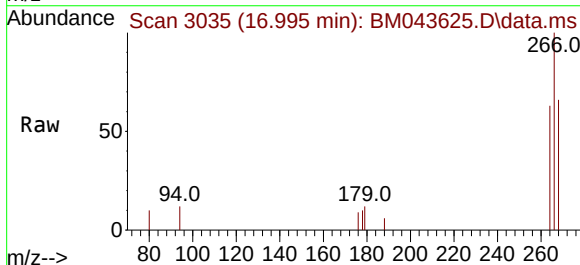
Instrument :
BNA_M
ClientSampleId :
SLCS076

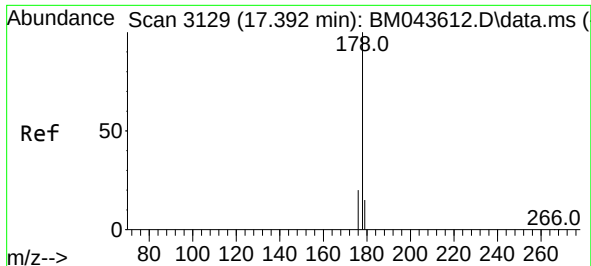
Tgt Ion:	166	Resp:	8908
Ion	Ratio	Lower	Upper
166	100		
165	98.6	80.3	120.5
167	13.9	10.8	16.2



#14
Pentachlorophenol
Concen: 0.619 ng/ul
RT: 16.995 min Scan# 3035
Delta R.T. -0.008 min
Lab File: BM043625.D
Acq: 28 Dec 2023 01:37

Tgt Ion:	266	Resp:	1854
Ion	Ratio	Lower	Upper
266	100		
264	62.6	51.7	77.5
268	61.9	51.9	77.9

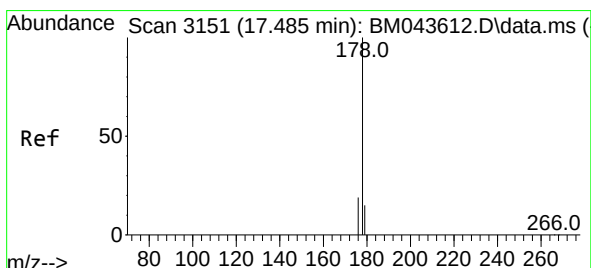
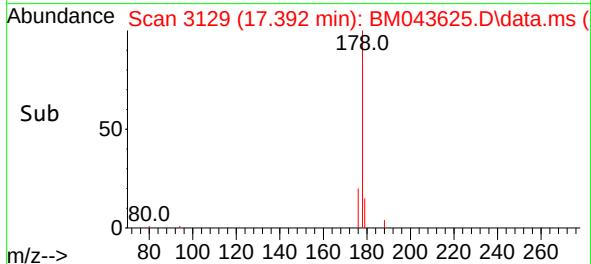
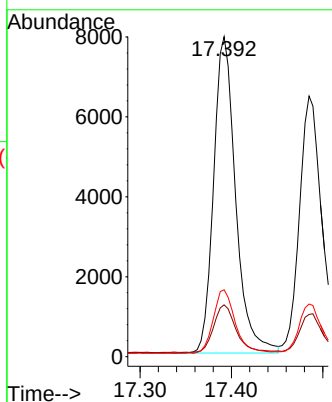
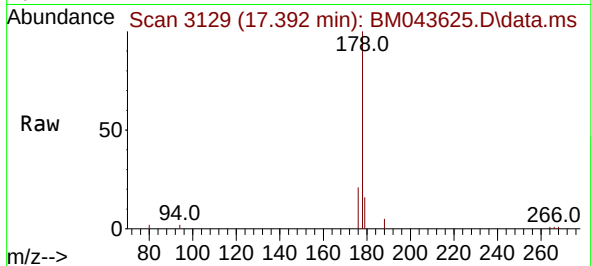




#15
Phenanthrene
Concen: 0.294 ng/ul
RT: 17.392 min Scan# 3129
Delta R.T. 0.000 min
Lab File: BM043625.D
Acq: 28 Dec 2023 01:37

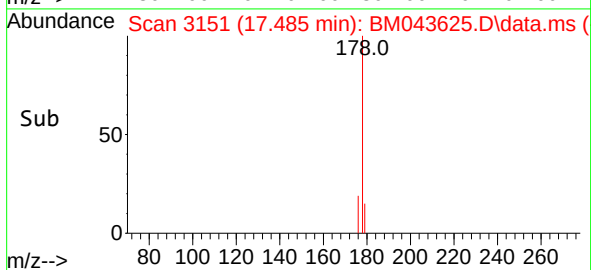
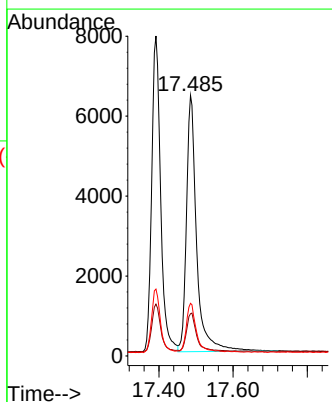
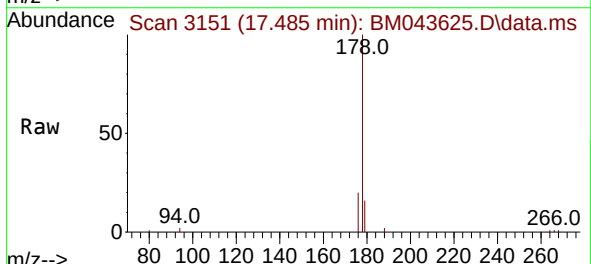
Instrument :
BNA_M
ClientSampleId :
SLCS076

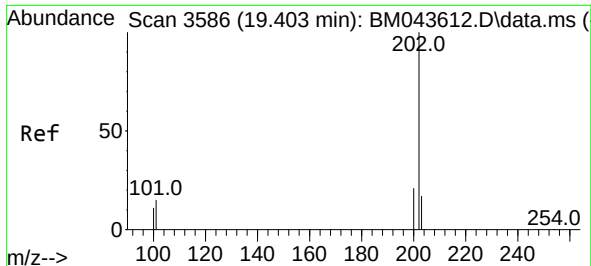
Tgt Ion:	178	Resp:	13240
Ion Ratio	Lower	Upper	
178	100		
179	16.2	12.4	18.6
176	20.9	16.2	24.2



#16
Anthracene
Concen: 0.298 ng/ul
RT: 17.485 min Scan# 3151
Delta R.T. -0.004 min
Lab File: BM043625.D
Acq: 28 Dec 2023 01:37

Tgt Ion:	178	Resp:	12197
Ion Ratio	Lower	Upper	
178	100		
179	16.2	12.6	18.8
176	20.2	15.6	23.4

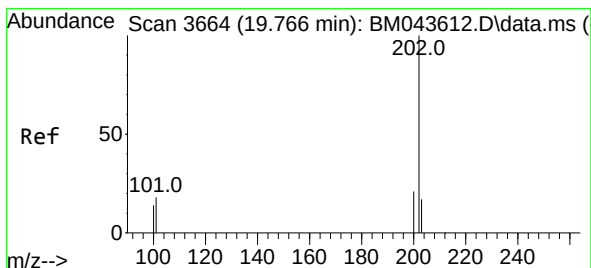
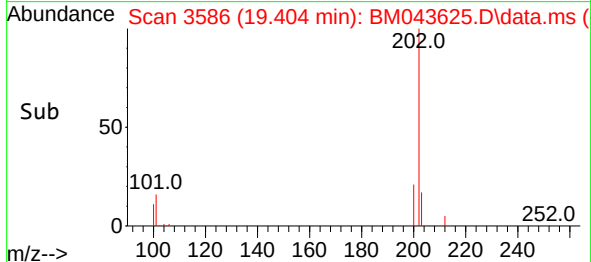
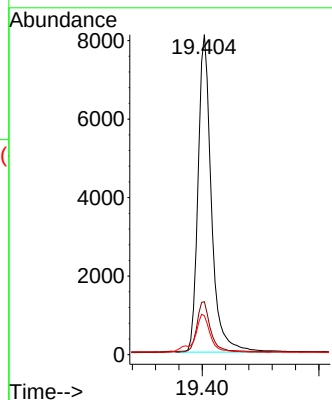
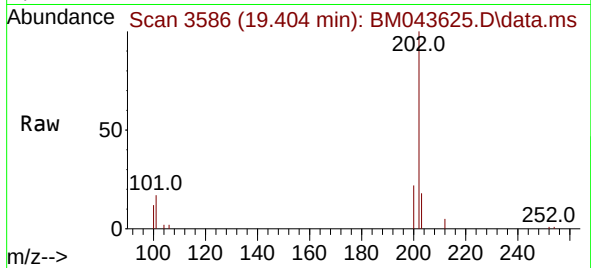




#19
Fluoranthene
Concen: 0.284 ng/ul
RT: 19.404 min Scan# 3586
Delta R.T. 0.000 min
Lab File: BM043625.D
Acq: 28 Dec 2023 01:37

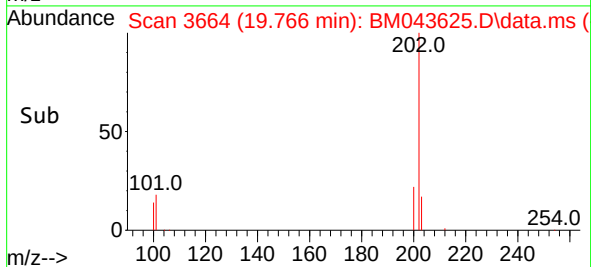
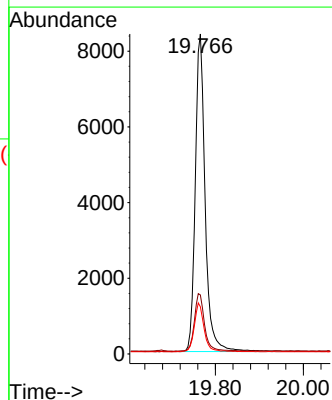
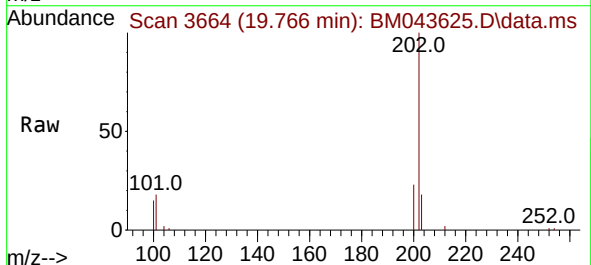
Instrument :
BNA_M
ClientSampleId :
SLCS076

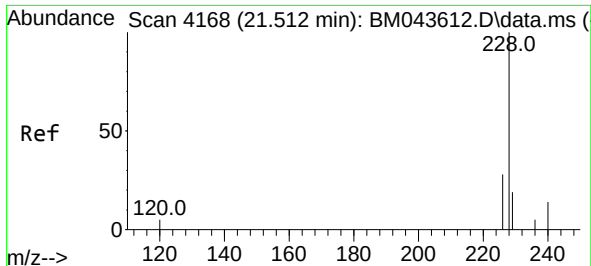
Tgt Ion:202 Resp: 12810
Ion Ratio Lower Upper
202 100
101 16.5 10.1 15.1#
100 12.2 7.4 11.2#



#20
Pyrene
Concen: 0.292 ng/ul
RT: 19.766 min Scan# 3664
Delta R.T. 0.000 min
Lab File: BM043625.D
Acq: 28 Dec 2023 01:37

Tgt Ion:202 Resp: 13079
Ion Ratio Lower Upper
202 100
101 18.4 12.7 19.1
100 14.8 9.8 14.8#

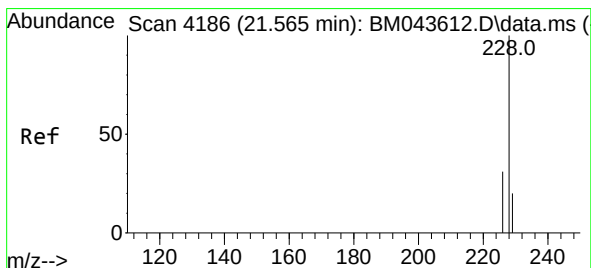
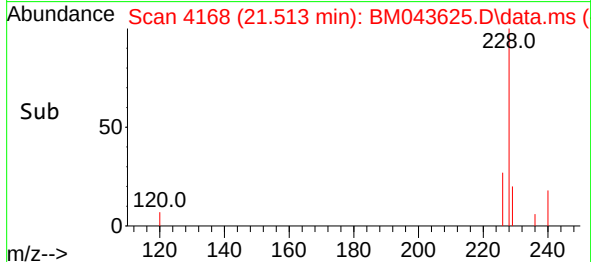
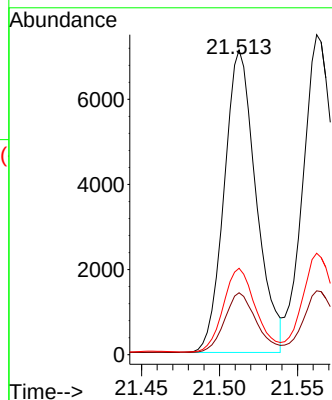
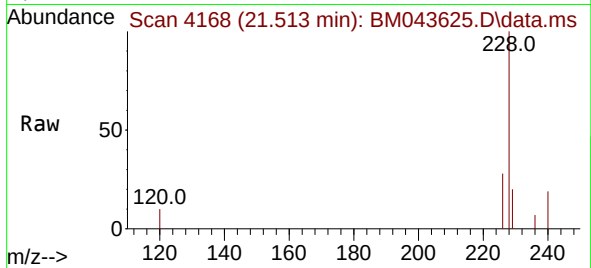




#21
Benzo(a)anthracene
Concen: 0.288 ng/ul
RT: 21.513 min Scan# 4168
Delta R.T. 0.000 min
Lab File: BM043625.D
Acq: 28 Dec 2023 01:37

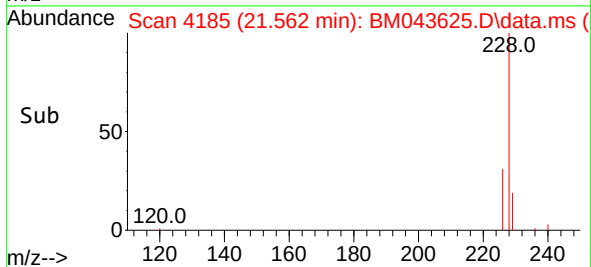
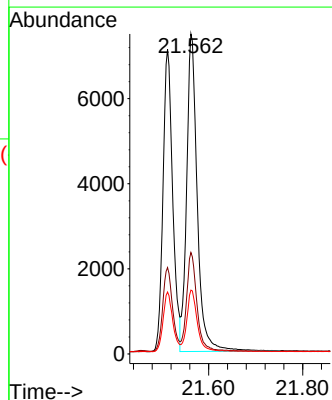
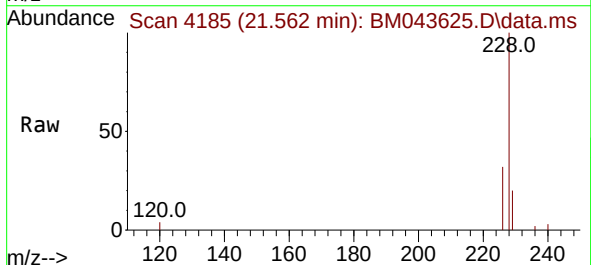
Instrument :
BNA_M
ClientSampleId :
SLCS076

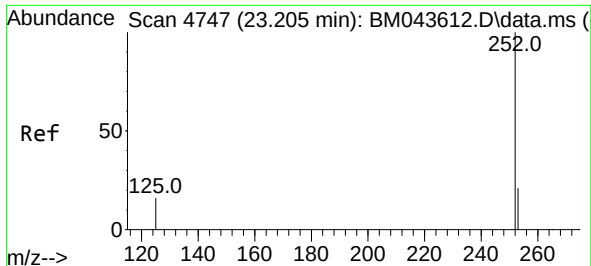
Tgt Ion:228 Resp: 10124
Ion Ratio Lower Upper
228 100
229 20.3 15.5 23.3
226 28.3 22.6 34.0



#22
Chrysene
Concen: 0.315 ng/ul
RT: 21.562 min Scan# 4185
Delta R.T. -0.003 min
Lab File: BM043625.D
Acq: 28 Dec 2023 01:37

Tgt Ion:228 Resp: 11690
Ion Ratio Lower Upper
228 100
226 31.7 24.8 37.2
229 20.0 15.7 23.5

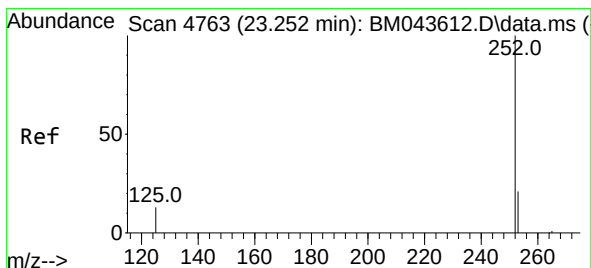
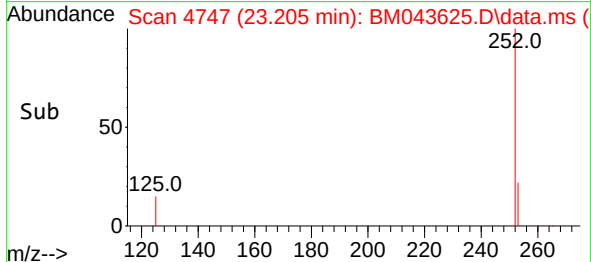
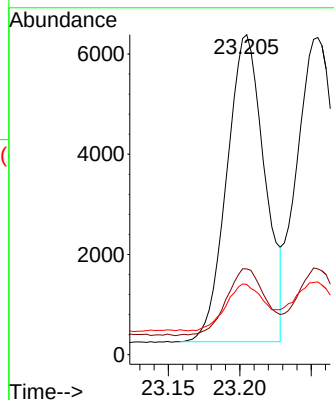
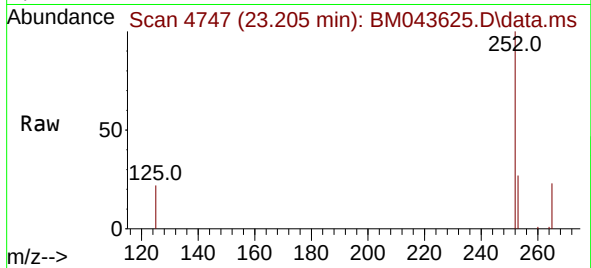




#24
Benzo(b)fluoranthene
Concen: 0.276 ng/ul
RT: 23.205 min Scan# 4747
Delta R.T. 0.000 min
Lab File: BM043625.D
Acq: 28 Dec 2023 01:37

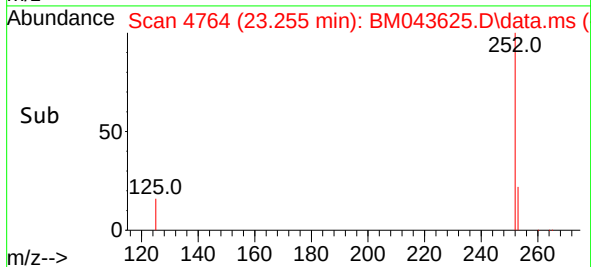
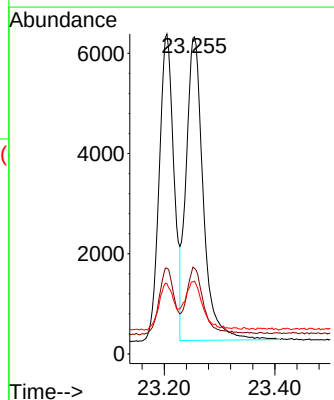
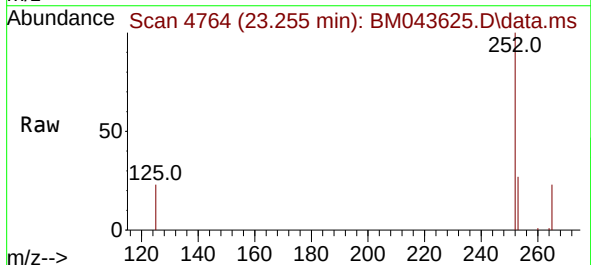
Instrument :
BNA_M
ClientSampleId :
SLCS076

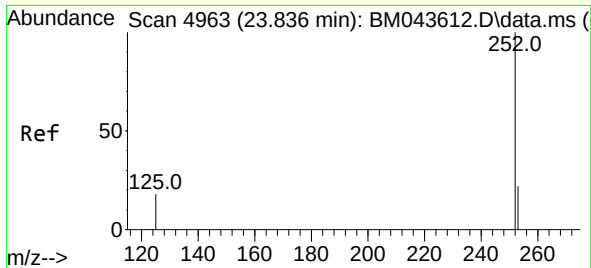
Tgt Ion:252	Resp:	11286
Ion Ratio	Lower	Upper
252	100	
253	26.8	0.0 48.8
125	22.0	0.0 29.2



#25
Benzo(k)fluoranthene
Concen: 0.307 ng/ul
RT: 23.255 min Scan# 4764
Delta R.T. 0.000 min
Lab File: BM043625.D
Acq: 28 Dec 2023 01:37

Tgt Ion:252	Resp:	13016
Ion Ratio	Lower	Upper
252	100	
253	27.0	18.6 28.0
125	23.0	11.8 17.8#

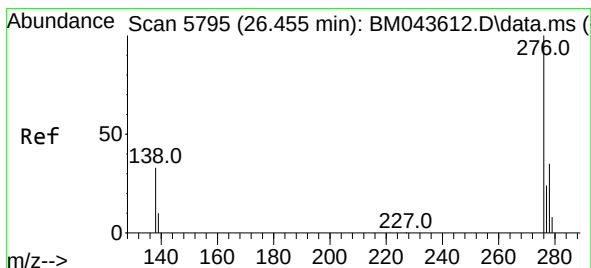
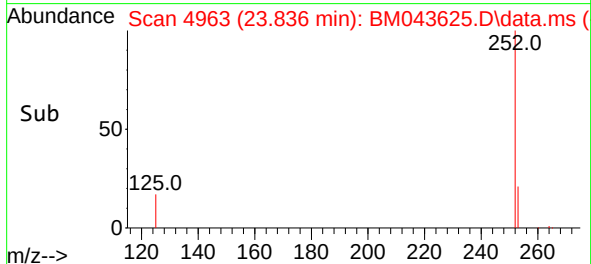
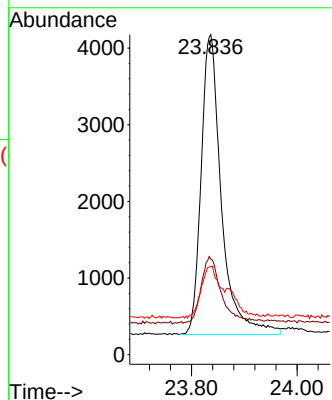
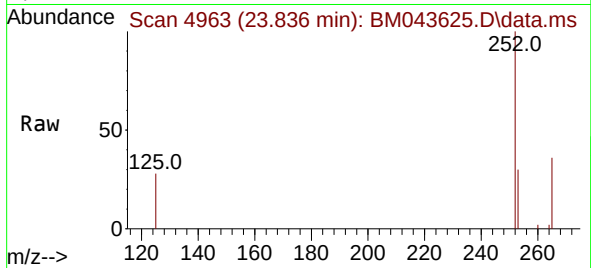




#26
Benzo(a)pyrene
Concen: 0.309 ng/ul
RT: 23.836 min Scan# 4963
Delta R.T. 0.003 min
Lab File: BM043625.D
Acq: 28 Dec 2023 01:37

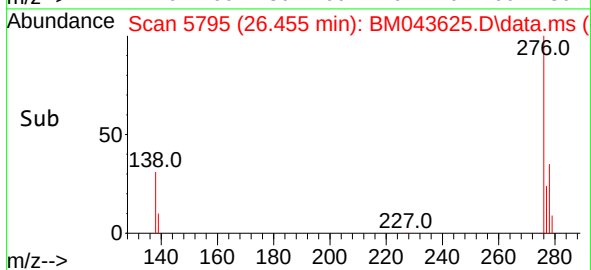
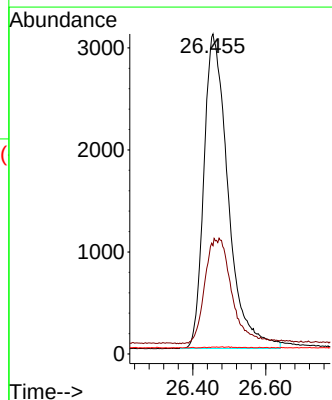
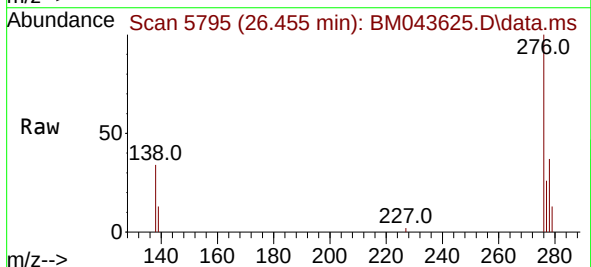
Instrument :
BNA_M
ClientSampleId :
SLCS076

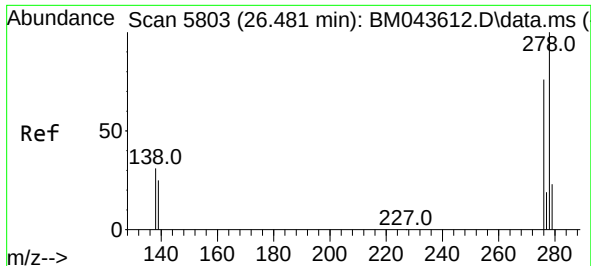
Tgt Ion:252 Resp: 10440
Ion Ratio Lower Upper
252 100
253 29.9 20.2 30.2
125 27.6 13.5 20.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.370 ng/ul
RT: 26.455 min Scan# 5795
Delta R.T. -0.003 min
Lab File: BM043625.D
Acq: 28 Dec 2023 01:37

Tgt Ion:276 Resp: 14230
Ion Ratio Lower Upper
276 100
138 37.5 24.6 36.8#
227 0.1 0.0 0.0#

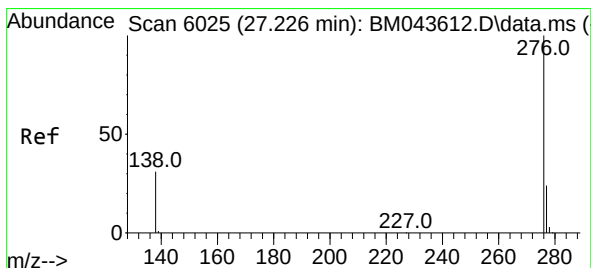
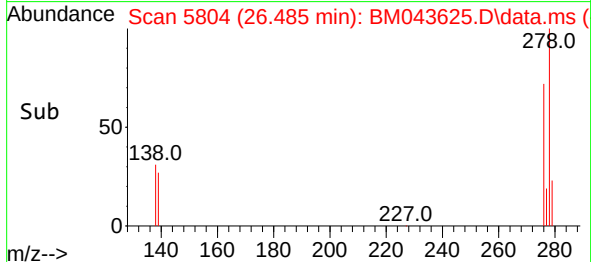
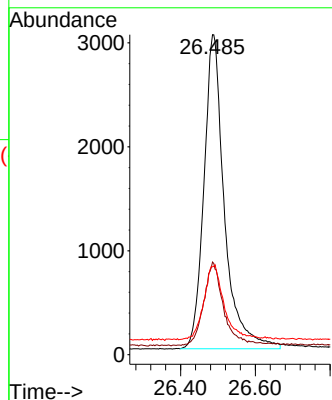
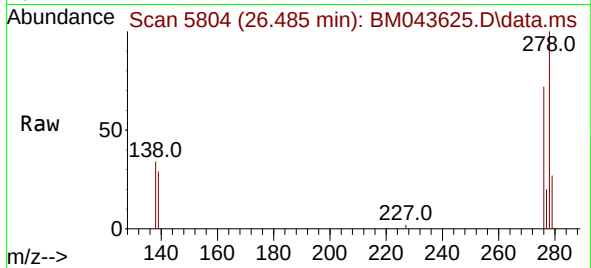




#28
Dibenzo(a,h)anthracene
Concen: 0.377 ng/ul
RT: 26.485 min Scan# 5803
Delta R.T. 0.003 min
Lab File: BM043625.D
Acq: 28 Dec 2023 01:37

Instrument :
BNA_M
ClientSampleId :
SLCS076

Tgt Ion:278 Resp: 11490
Ion Ratio Lower Upper
278 100
139 29.0 17.4 26.2#
279 27.5 20.9 31.3



#29
Benzo(g,h,i)perylene
Concen: 0.373 ng/ul
RT: 27.220 min Scan# 6023
Delta R.T. -0.003 min
Lab File: BM043625.D
Acq: 28 Dec 2023 01:37

Tgt Ion:276 Resp: 12227
Ion Ratio Lower Upper
276 100
138 34.4 23.1 34.7
277 25.4 19.4 29.0

