

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012623\
 Data File : BM038559.D
 Acq On : 26 Jan 2023 21:55
 Operator : CG/JU
 Sample : PB150405BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS405

Quant Time: Jan 27 00:45:17 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM012623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 27 00:18:15 2023
 Response via : Initial Calibration

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

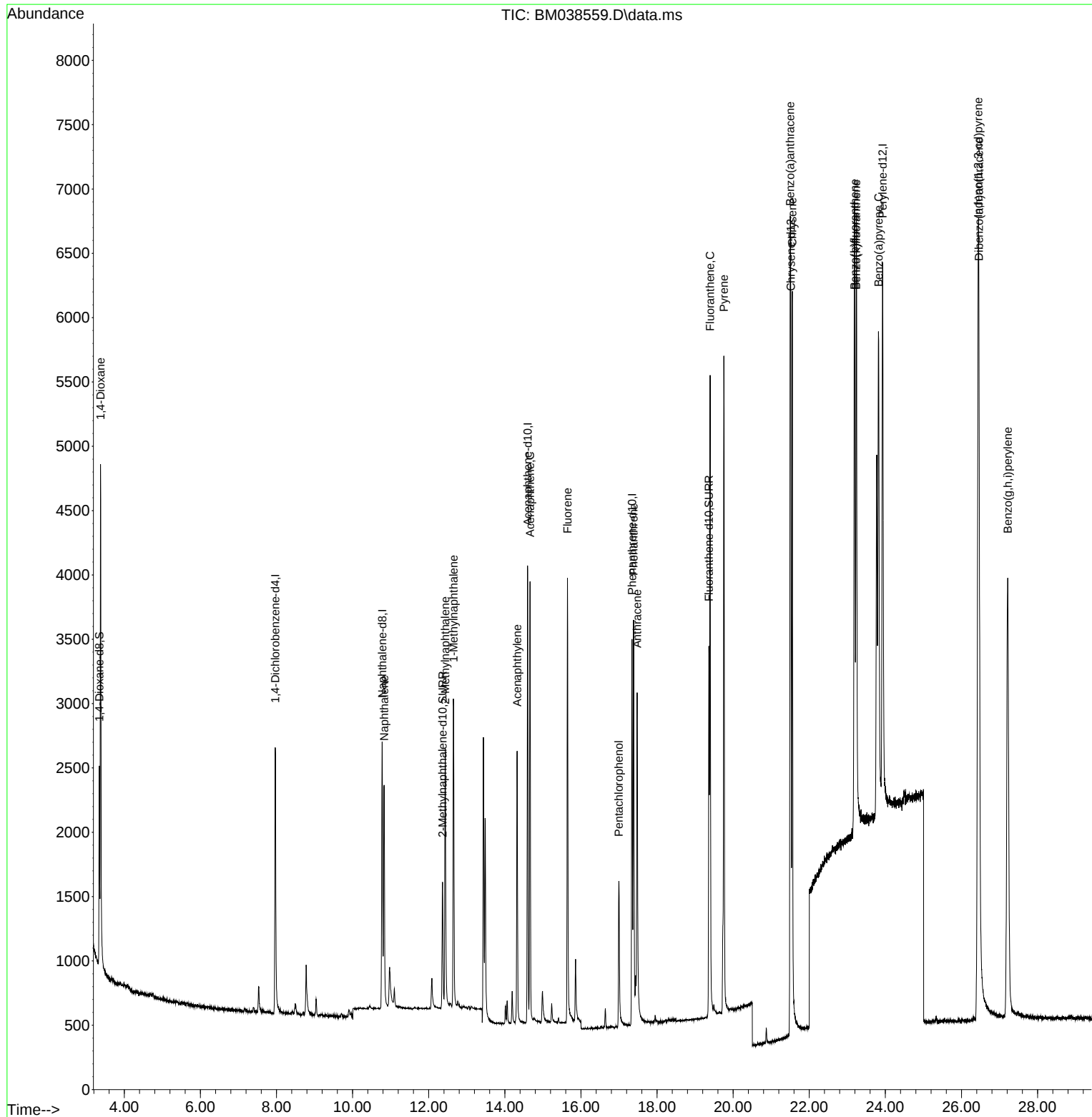
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.967	152	1231	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	3165	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.601	164	1971	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.341	188	4114	0.400	ng/ul	0.00
17) Chrysene-d12	21.515	240	4569	0.400	ng/ul	0.00
23) Perylene-d12	23.927	264	6092	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.343	96	990	0.612	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	1478	0.301	ng/ul	0.00
18) Fluoranthene-d10	19.362	212	3734	0.286	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.377	88	2544	1.551	ng/ul#	22
5) Naphthalene	10.829	128	2492	0.242	ng/ul	97
7) 2-Methylnaphthalene	12.434	142	1575	0.290	ng/ul	95
8) 1-Methylnaphthalene	12.654	142	1661	0.296	ng/ul	100
10) Acenaphthylene	14.324	152	2572	0.296	ng/ul	97
11) Acenaphthene	14.662	153	1934	0.292	ng/ul	99
12) Fluorene	15.647	166	2378	0.287	ng/ul	98
14) Pentachlorophenol	16.995	266	953	0.569	ng/ul	98
15) Phenanthrene	17.384	178	3542	0.266	ng/ul	97
16) Anthracene	17.476	178	3316	0.292	ng/ul	97
19) Fluoranthene	19.394	202	4690	0.288	ng/ul	100
20) Pyrene	19.757	202	4925	0.281	ng/ul	98
21) Benzo(a)anthracene	21.498	228	5048	0.311	ng/ul	99
22) Chrysene	21.553	228	5298	0.325	ng/ul	100
24) Benzo(b)fluoranthene	23.187	252	6965	0.304	ng/ul	97
25) Benzo(k)fluoranthene	23.237	252	7071	0.318	ng/ul#	98
26) Benzo(a)pyrene	23.819	252	6634	0.322	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.438	276	10193	0.352	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.458	278	8178	0.355	ng/ul	99
29) Benzo(g,h,i)perylene	27.216	276	9125	0.363	ng/ul	98

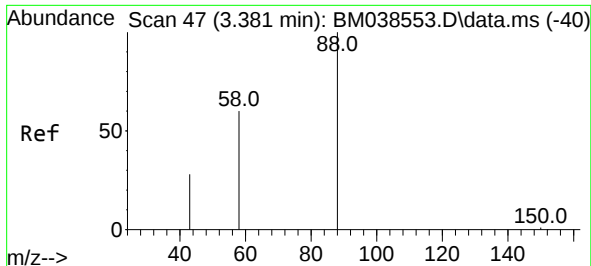
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012623\
Data File : BM038559.D
Acq On : 26 Jan 2023 21:55
Operator : CG/JU
Sample : PB150405BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS405

Quant Time: Jan 27 00:45:17 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM012623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 27 00:18:15 2023
Response via : Initial Calibration

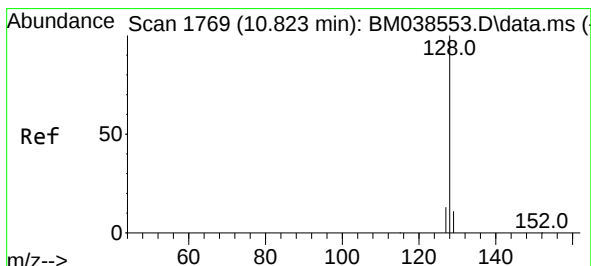
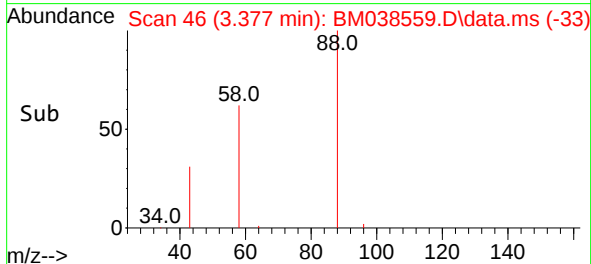
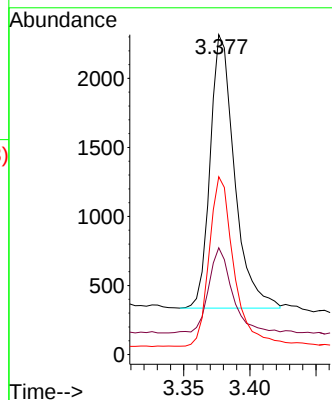
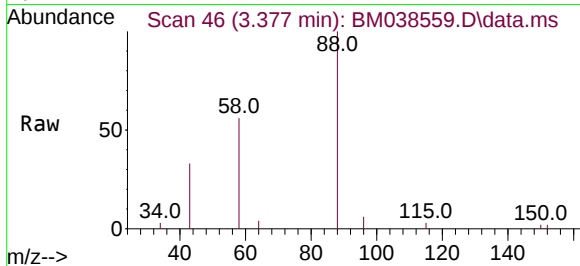




#2
1,4-Dioxane
Concen: 1.551 ng/ul
RT: 3.377 min Scan# 46
Delta R.T. -0.004 min
Lab File: BM038559.D
Acq: 26 Jan 2023 21:55

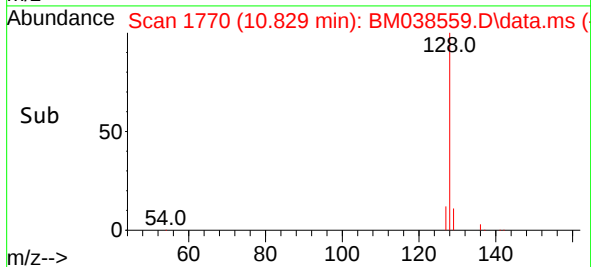
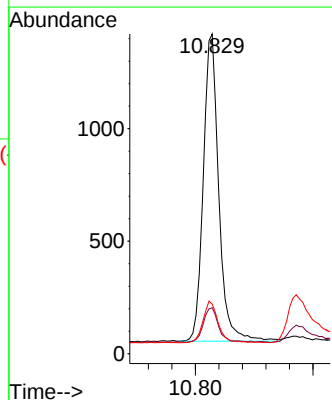
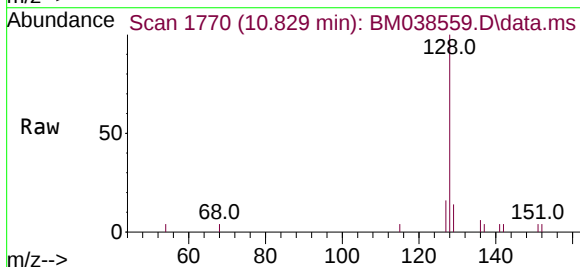
Instrument :
BNA_M
ClientSampleId :
SLCS405

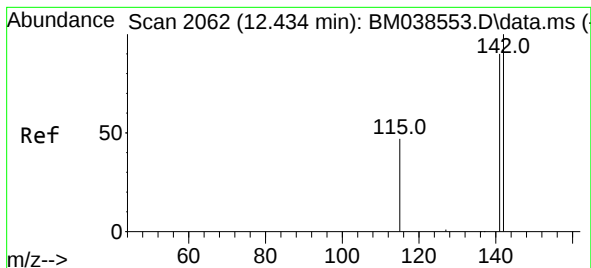
Tgt Ion: 88 Resp: 2544
Ion Ratio Lower Upper
88 100
43 33.4 141.3 211.9#
58 55.6 45.7 68.5



#5
Naphthalene
Concen: 0.242 ng/ul
RT: 10.829 min Scan# 1770
Delta R.T. -0.000 min
Lab File: BM038559.D
Acq: 26 Jan 2023 21:55

Tgt Ion: 128 Resp: 2492
Ion Ratio Lower Upper
128 100
129 14.4 10.3 15.5
127 15.6 11.9 17.9

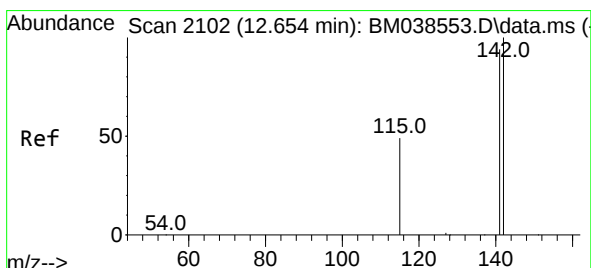
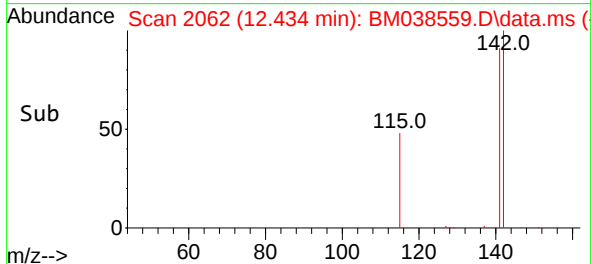
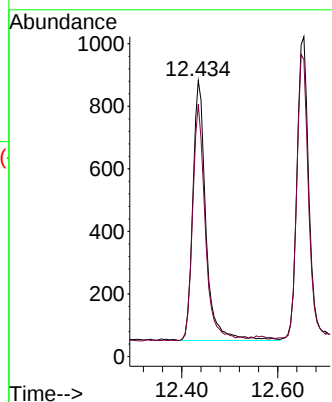
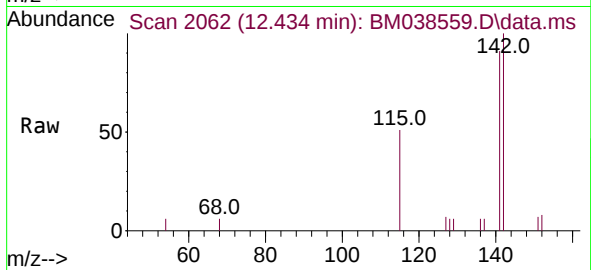




#7
2-Methylnaphthalene
Concen: 0.290 ng/ul
RT: 12.434 min Scan# 2062
Delta R.T. 0.000 min
Lab File: BM038559.D
Acq: 26 Jan 2023 21:55

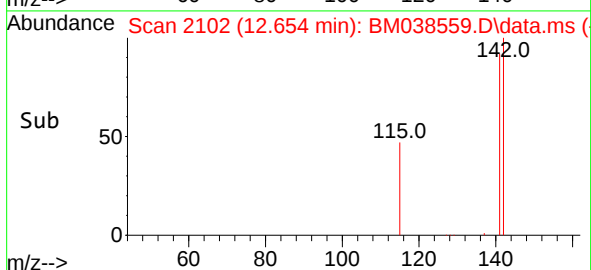
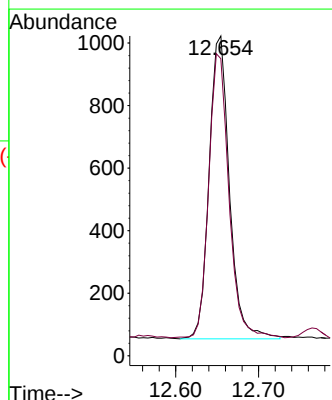
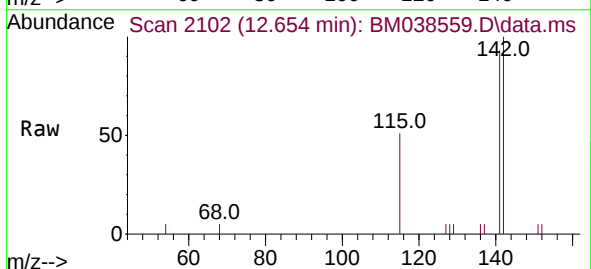
Instrument :
BNA_M
ClientSampleId :
SLCS405

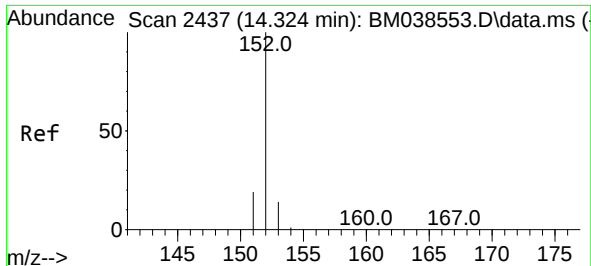
Tgt Ion:142 Resp: 1575
Ion Ratio Lower Upper
142 100
141 87.7 73.7 110.5



#8
1-Methylnaphthalene
Concen: 0.296 ng/ul
RT: 12.654 min Scan# 2102
Delta R.T. 0.000 min
Lab File: BM038559.D
Acq: 26 Jan 2023 21:55

Tgt Ion:142 Resp: 1661
Ion Ratio Lower Upper
142 100
141 92.4 74.0 111.0

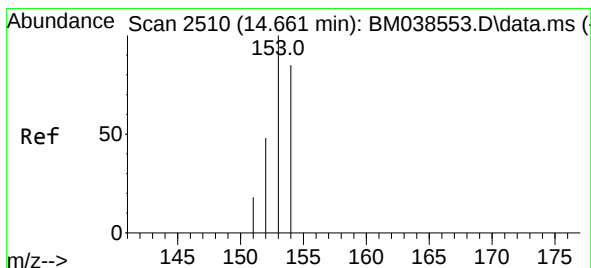
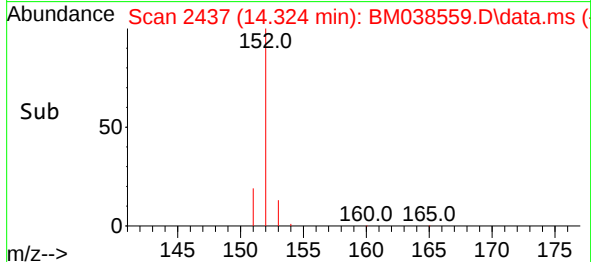
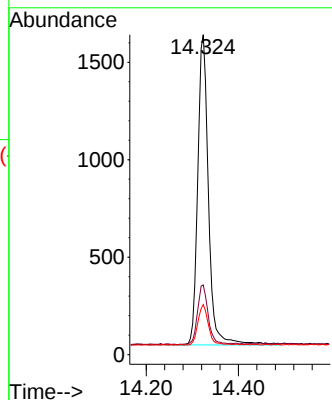
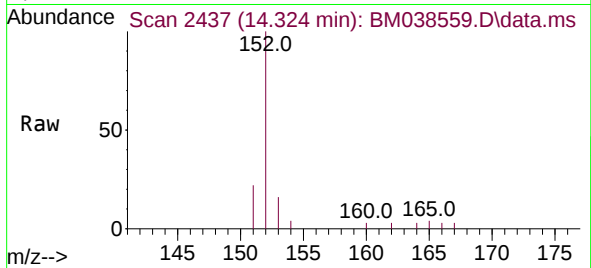




#10
Acenaphthylene
Concen: 0.296 ng/ul
RT: 14.324 min Scan# 2437
Delta R.T. 0.000 min
Lab File: BM038559.D
Acq: 26 Jan 2023 21:55

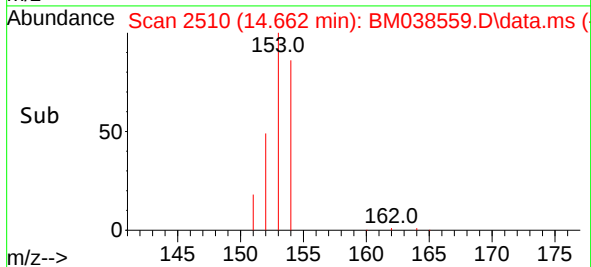
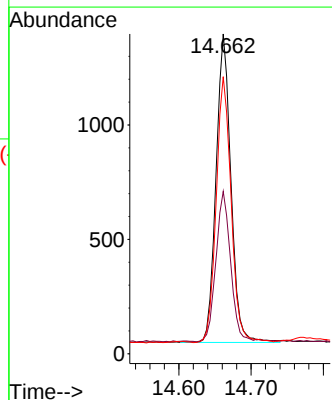
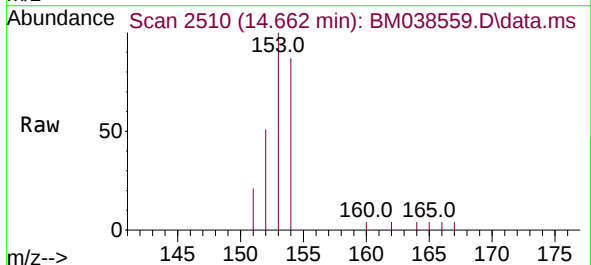
Instrument :
BNA_M
ClientSampleId :
SLCS405

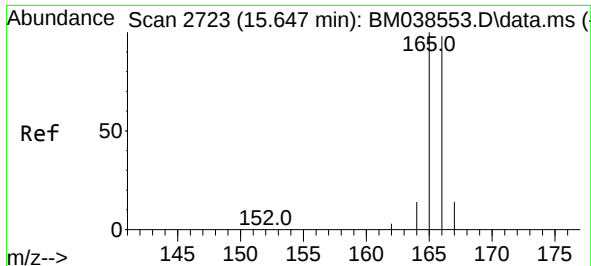
Tgt Ion:	152	Resp:	2572
Ion Ratio	Lower	Upper	
152	100		
151	21.8	16.3	24.5
153	15.7	11.8	17.6



#11
Acenaphthene
Concen: 0.292 ng/ul
RT: 14.662 min Scan# 2510
Delta R.T. 0.000 min
Lab File: BM038559.D
Acq: 26 Jan 2023 21:55

Tgt Ion:	153	Resp:	1934
Ion Ratio	Lower	Upper	
153	100		
152	50.8	40.1	60.1
154	86.6	68.4	102.6

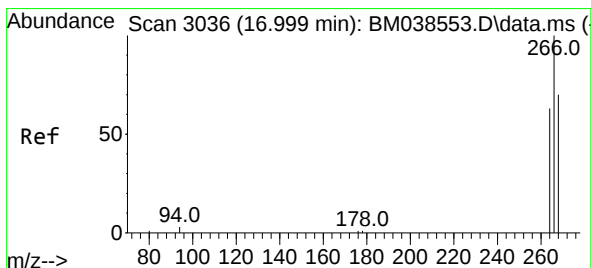
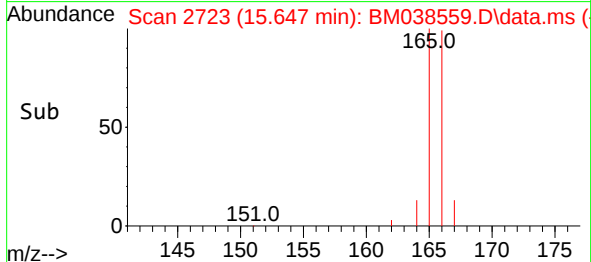
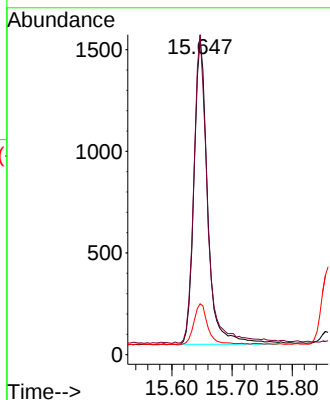
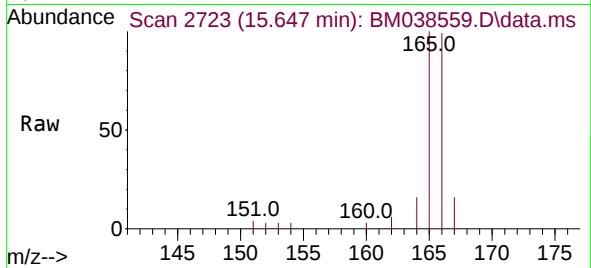




#12
Fluorene
Concen: 0.287 ng/ul
RT: 15.647 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038559.D
Acq: 26 Jan 2023 21:55

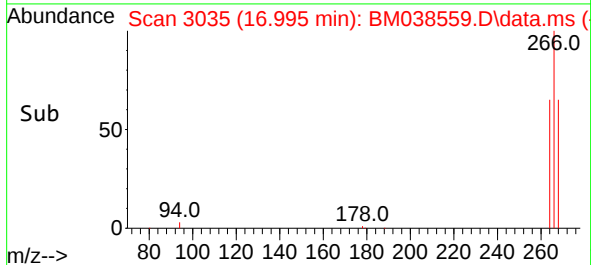
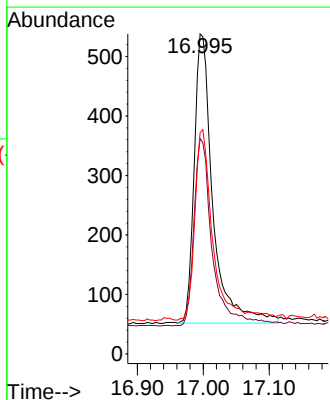
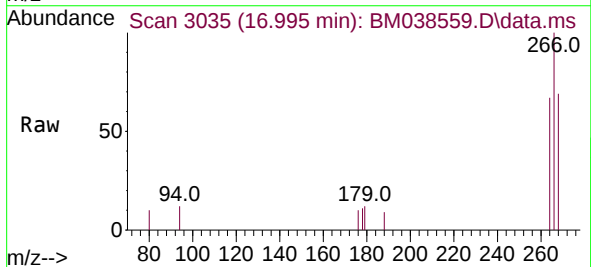
Instrument :
BNA_M
ClientSampleId :
SLCS405

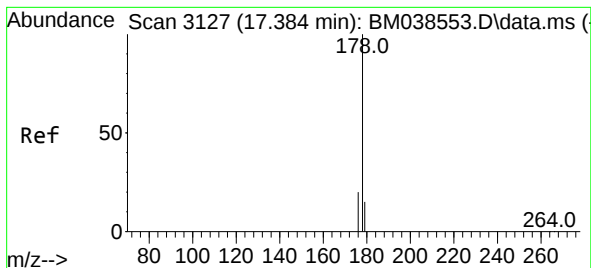
Tgt Ion:166 Resp: 2378
Ion Ratio Lower Upper
166 100
165 101.4 79.3 118.9
167 16.1 11.9 17.9



#14
Pentachlorophenol
Concen: 0.569 ng/ul
RT: 16.995 min Scan# 3035
Delta R.T. -0.004 min
Lab File: BM038559.D
Acq: 26 Jan 2023 21:55

Tgt Ion:266 Resp: 953
Ion Ratio Lower Upper
266 100
264 64.5 49.4 74.2
268 64.6 51.7 77.5





#15

Phenanthrene

Concen: 0.266 ng/ul

RT: 17.384 min Scan# 3127

Delta R.T. 0.000 min

Lab File: BM038559.D

Acq: 26 Jan 2023 21:55

Instrument :

BNA_M

ClientSampleId :

SLCS405

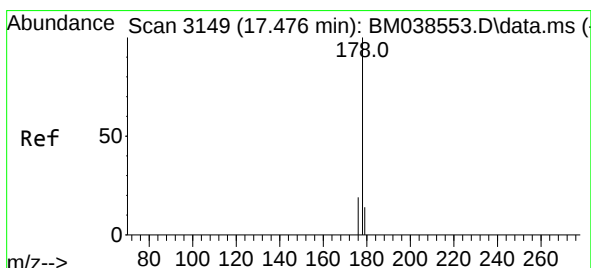
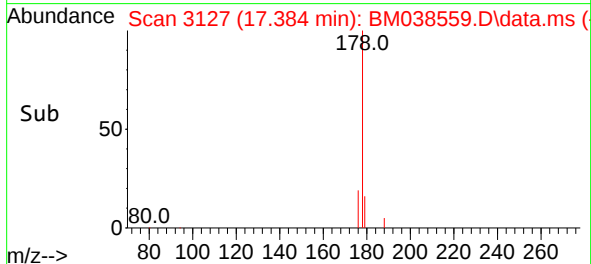
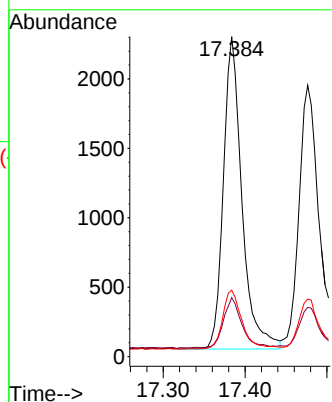
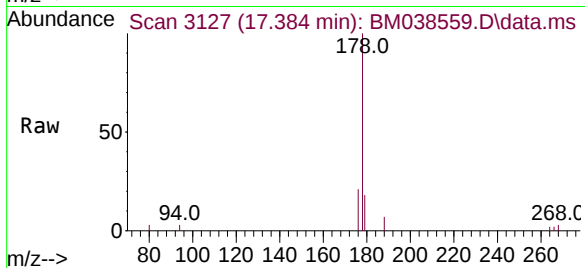
Tgt Ion:178 Resp: 3542

Ion Ratio Lower Upper

178 100

179 18.4 13.0 19.4

176 20.8 16.4 24.6



#16

Anthracene

Concen: 0.292 ng/ul

RT: 17.476 min Scan# 3149

Delta R.T. 0.000 min

Lab File: BM038559.D

Acq: 26 Jan 2023 21:55

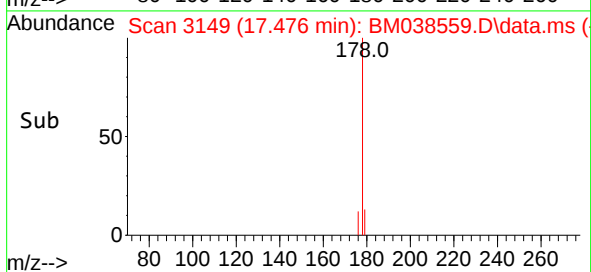
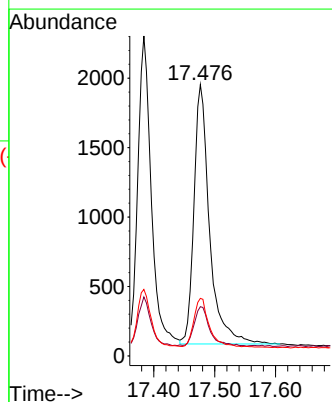
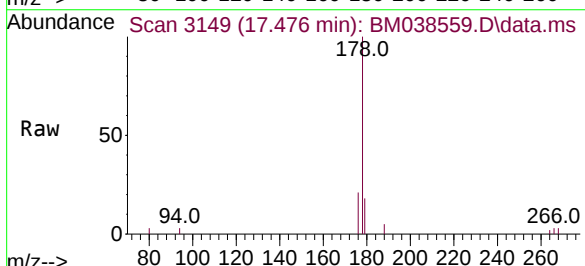
Tgt Ion:178 Resp: 3316

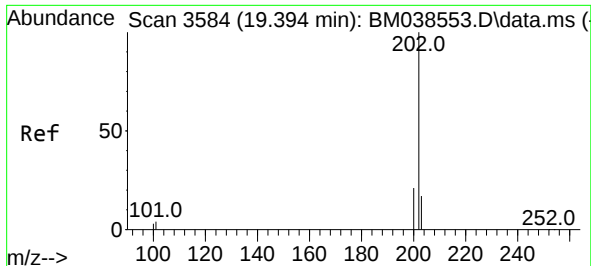
Ion Ratio Lower Upper

178 100

179 18.2 13.2 19.8

176 21.2 16.2 24.4

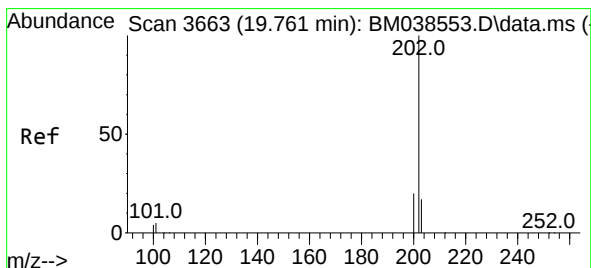
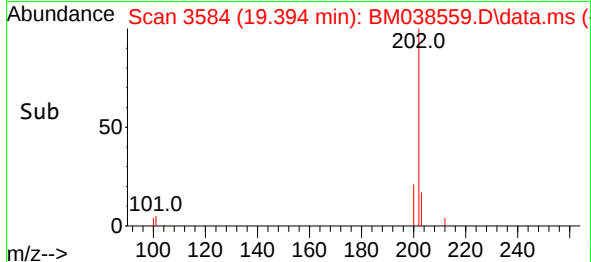
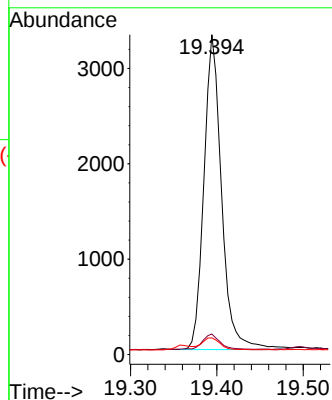
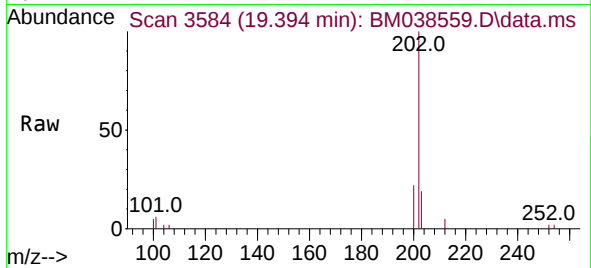




#19
Fluoranthene
Concen: 0.288 ng/ul
RT: 19.394 min Scan# 3584
Delta R.T. 0.000 min
Lab File: BM038559.D
Acq: 26 Jan 2023 21:55

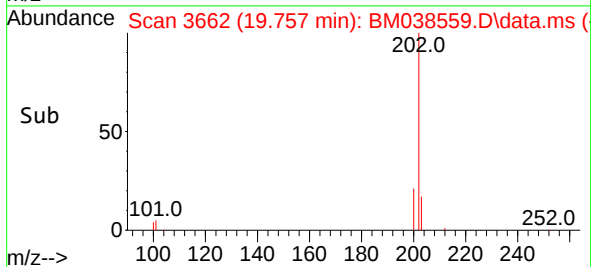
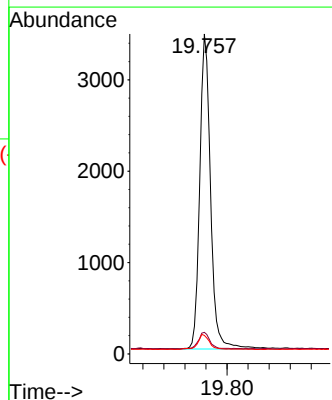
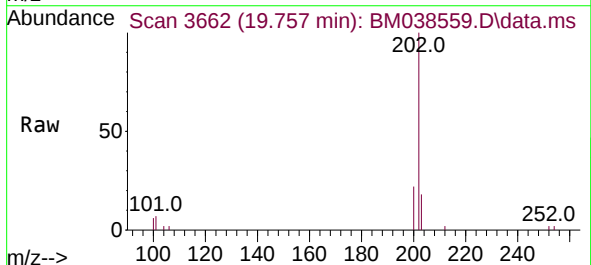
Instrument :
BNA_M
ClientSampleId :
SLCS405

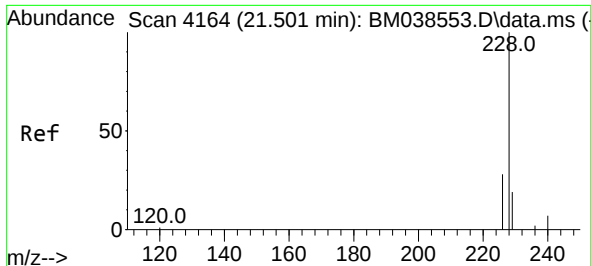
Tgt Ion:202 Resp: 4690
Ion Ratio Lower Upper
202 100
101 6.4 5.3 7.9
100 5.2 4.2 6.2



#20
Pyrene
Concen: 0.281 ng/ul
RT: 19.757 min Scan# 3662
Delta R.T. 0.000 min
Lab File: BM038559.D
Acq: 26 Jan 2023 21:55

Tgt Ion:202 Resp: 4925
Ion Ratio Lower Upper
202 100
101 6.7 5.9 8.9
100 5.8 5.2 7.8

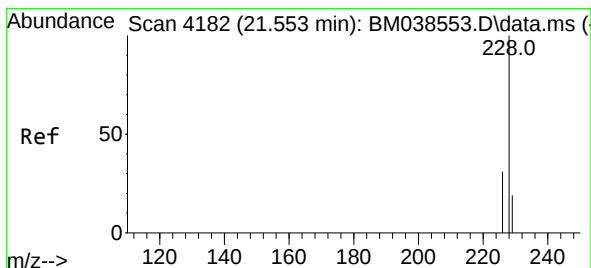
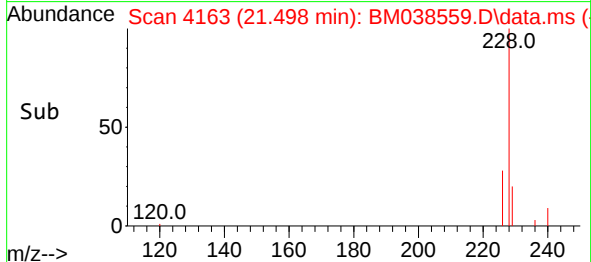
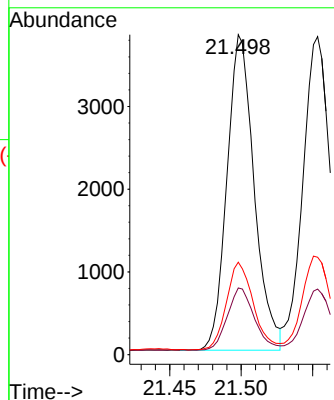
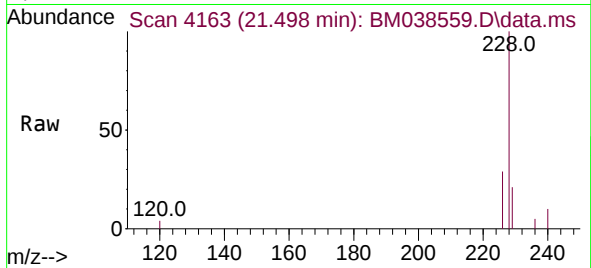




#21
Benzo(a)anthracene
Concen: 0.311 ng/ul
RT: 21.498 min Scan# 4163
Delta R.T. -0.003 min
Lab File: BM038559.D
Acq: 26 Jan 2023 21:55

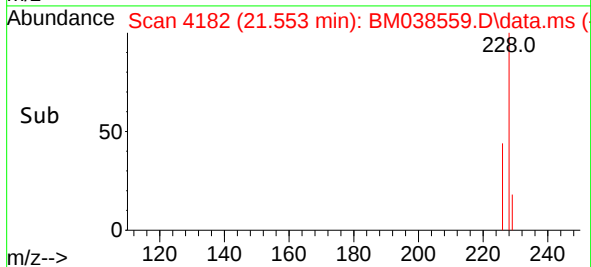
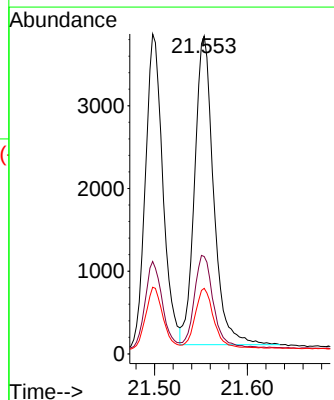
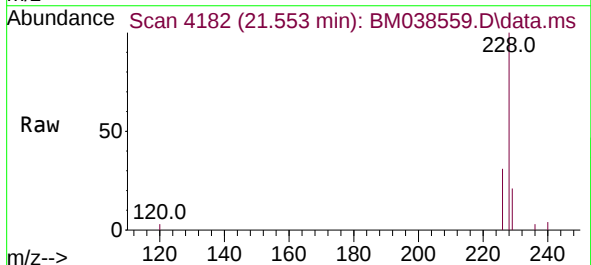
Instrument :
BNA_M
ClientSampleId :
SLCS405

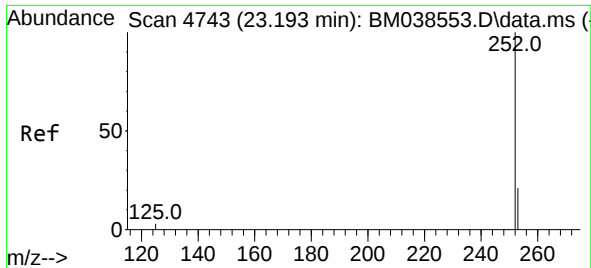
Tgt Ion:228 Resp: 5048
Ion Ratio Lower Upper
228 100
229 20.8 16.7 25.1
226 28.9 22.2 33.4



#22
Chrysene
Concen: 0.325 ng/ul
RT: 21.553 min Scan# 4182
Delta R.T. 0.000 min
Lab File: BM038559.D
Acq: 26 Jan 2023 21:55

Tgt Ion:228 Resp: 5298
Ion Ratio Lower Upper
228 100
226 30.6 24.6 36.8
229 20.6 16.2 24.4

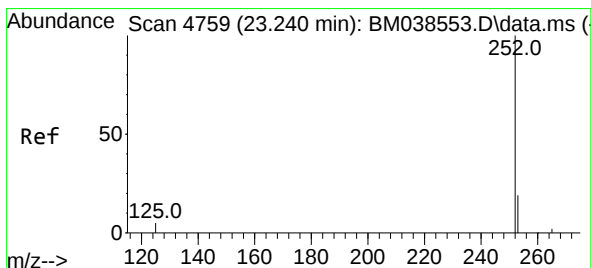
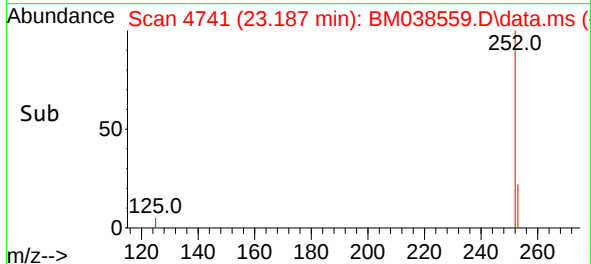
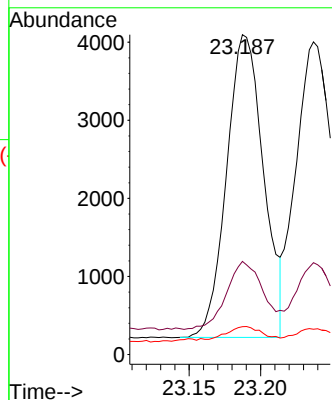
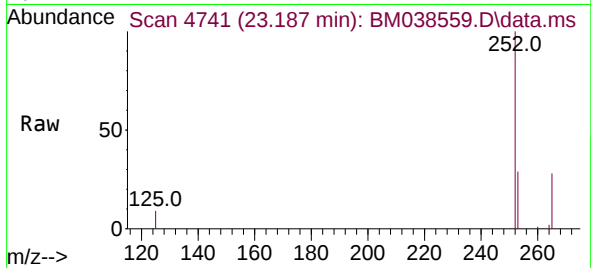




#24
Benzo(b)fluoranthene
Concen: 0.304 ng/ul
RT: 23.187 min Scan# 4741
Delta R.T. -0.003 min
Lab File: BM038559.D
Acq: 26 Jan 2023 21:55

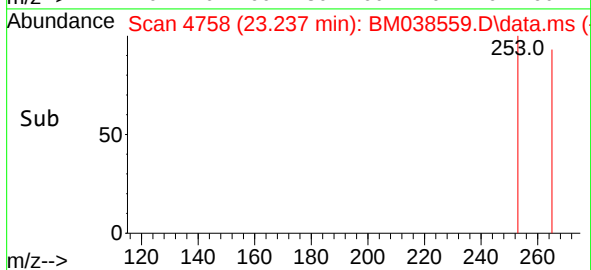
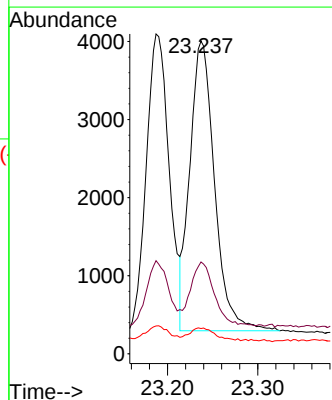
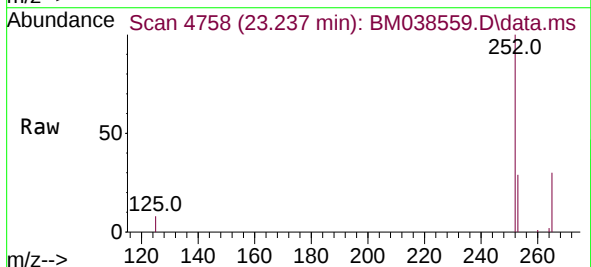
Instrument :
BNA_M
ClientSampleId :
SLCS405

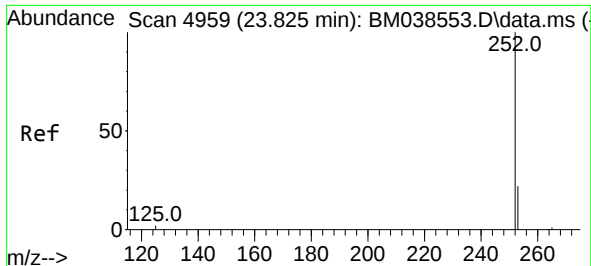
Tgt Ion:252 Resp: 6965
Ion Ratio Lower Upper
252 100
253 29.1 0.0 56.6
125 8.7 0.0 21.4



#25
Benzo(k)fluoranthene
Concen: 0.318 ng/ul
RT: 23.237 min Scan# 4758
Delta R.T. -0.003 min
Lab File: BM038559.D
Acq: 26 Jan 2023 21:55

Tgt Ion:252 Resp: 7071
Ion Ratio Lower Upper
252 100
253 29.4 23.1 34.7
125 8.1 8.4 12.6#

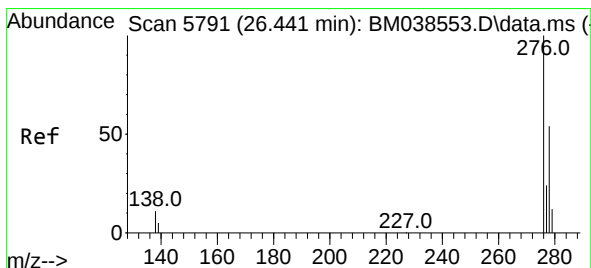
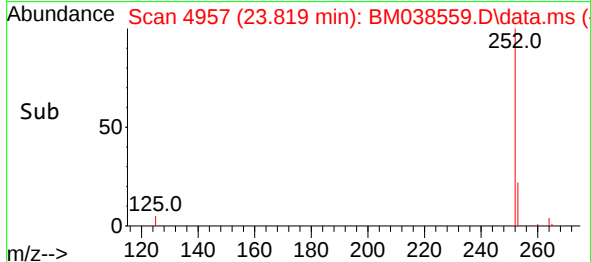
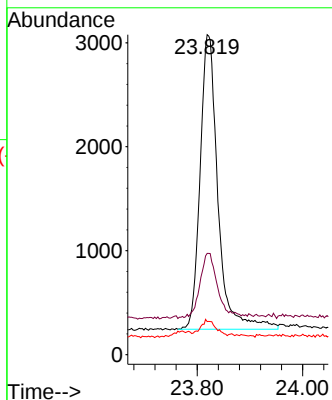
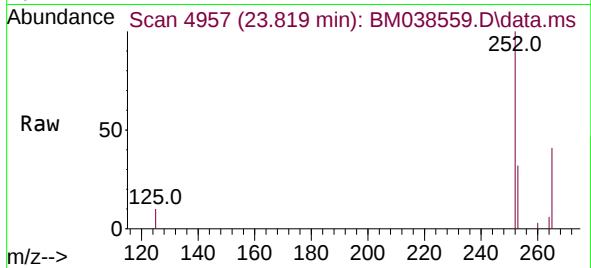




#26
Benzo(a)pyrene
Concen: 0.322 ng/ul
RT: 23.819 min Scan# 4959
Delta R.T. -0.003 min
Lab File: BM038559.D
Acq: 26 Jan 2023 21:55

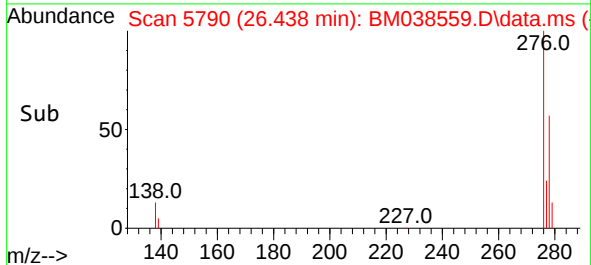
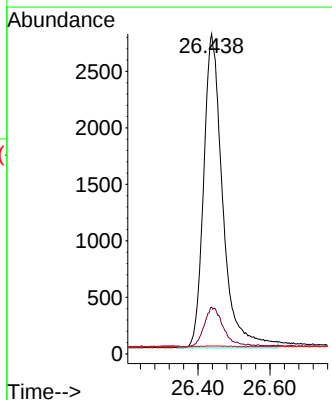
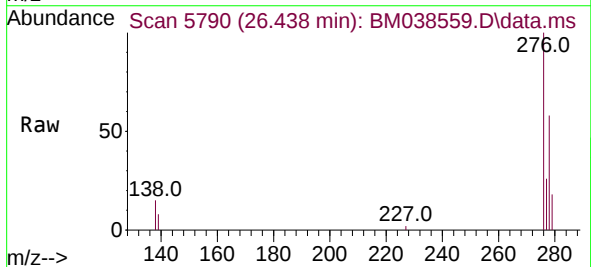
Instrument :
BNA_M
ClientSampleId :
SLCS405

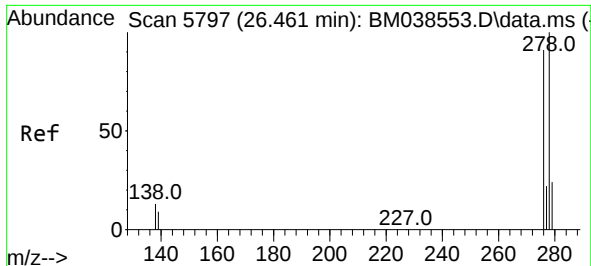
Tgt Ion:252	Resp:	6634
Ion Ratio	Lower	Upper
252	100	
253	31.6	25.1 37.7
125	10.4	10.0 15.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.352 ng/ul
RT: 26.438 min Scan# 5790
Delta R.T. -0.003 min
Lab File: BM038559.D
Acq: 26 Jan 2023 21:55

Tgt Ion:276	Resp:	10193
Ion Ratio	Lower	Upper
276	100	
138	12.6	11.7 17.5
227	0.1	0.3 0.5

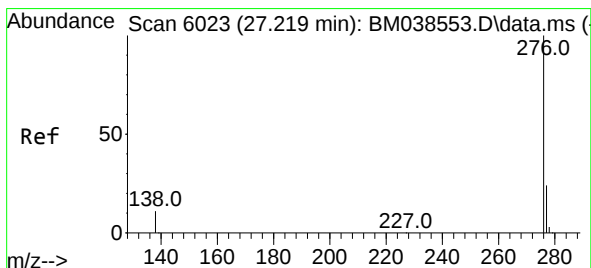
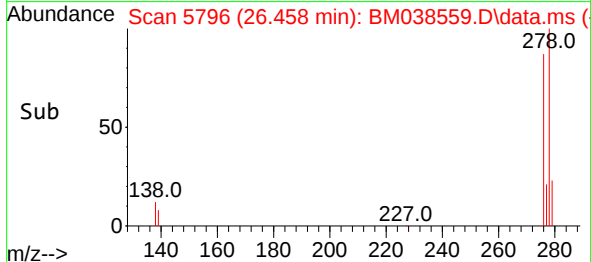
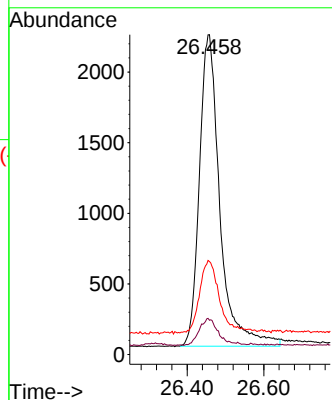
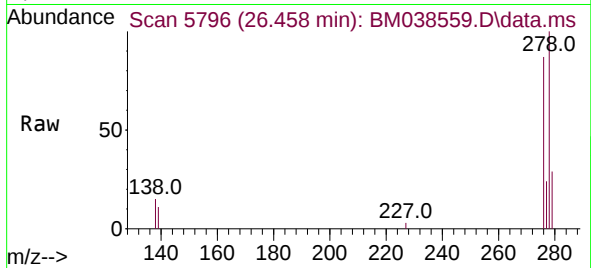




#28
Dibenzo(a,h)anthracene
Concen: 0.355 ng/ul
RT: 26.458 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM038559.D
Acq: 26 Jan 2023 21:55

Instrument :
BNA_M
ClientSampleId :
SLCS405

Tgt Ion:278 Resp: 8178
Ion Ratio Lower Upper
278 100
139 10.7 9.8 14.8
279 29.1 23.3 34.9



#29
Benzo(g,h,i)perylene
Concen: 0.363 ng/ul
RT: 27.216 min Scan# 6022
Delta R.T. -0.003 min
Lab File: BM038559.D
Acq: 26 Jan 2023 21:55

Tgt Ion:276 Resp: 9125
Ion Ratio Lower Upper
276 100
138 13.9 12.6 19.0
277 26.2 20.5 30.7

