

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071923\
 Data File : BM040968.D
 Acq On : 19 Jul 2023 22:44
 Operator : MA/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV035

Quant Time: Jul 20 05:10:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 20 05:08:42 2023
 Response via : Initial Calibration

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

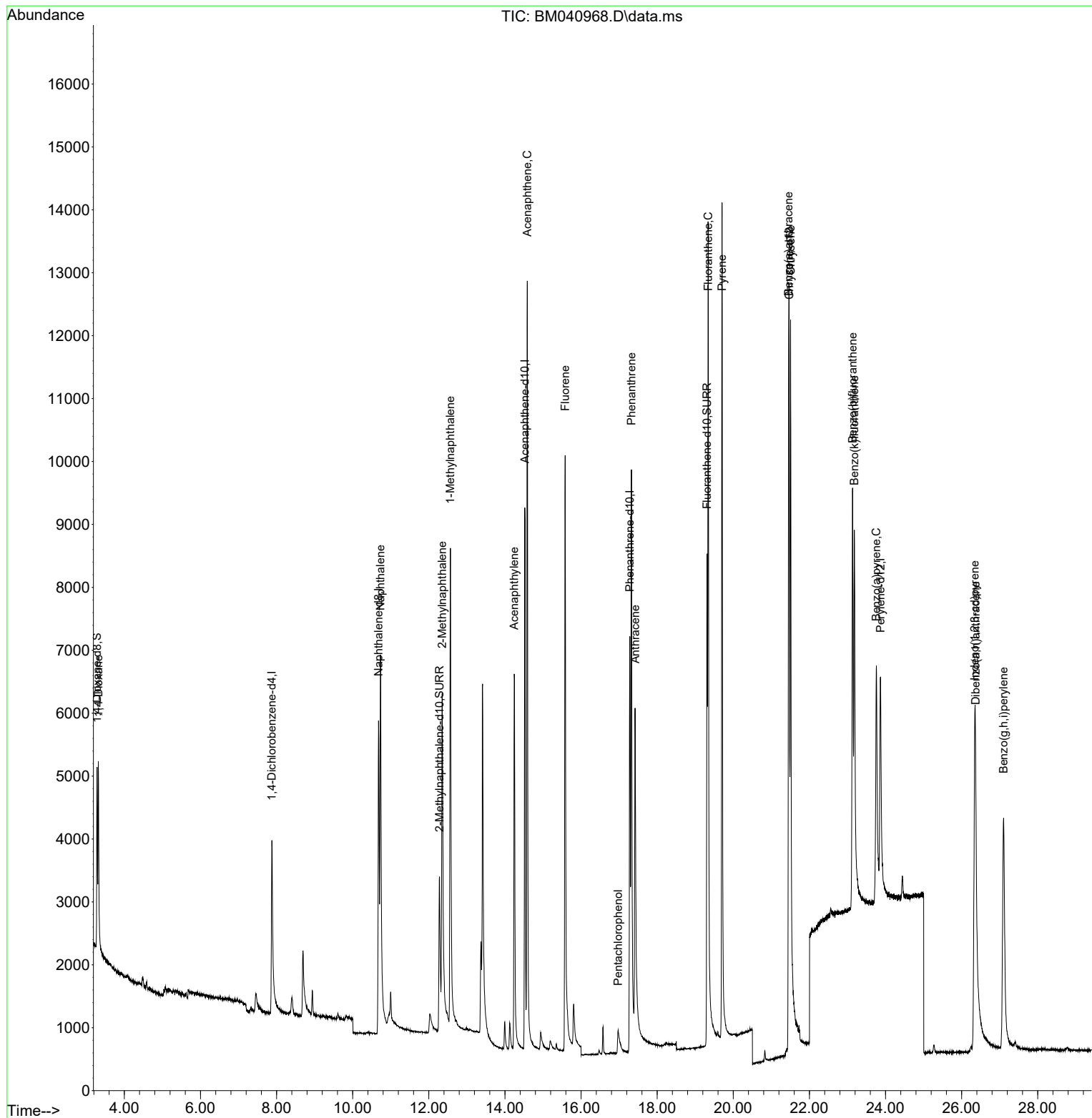
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.874	152	2571	0.400	ng/ul	0.00
4) Naphthalene-d8	10.680	136	9813	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.523	164	5152	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.282	188	9579	0.400	ng/ul	0.00
17) Chrysene-d12	21.469	240	8578	0.400	ng/ul	0.00
23) Perylene-d12	23.865	264	6003	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	1915	0.453	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.280	152	5384	0.412	ng/ul	0.00
18) Fluoranthene-d10	19.310	212	9930	0.275	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.317	88	1988	0.447	ng/ul	92
5) Naphthalene	10.729	128	10943	0.408	ng/ul	99
7) 2-Methylnaphthalene	12.352	142	6212	0.422	ng/ul	99
8) 1-Methylnaphthalene	12.566	142	6485	0.414	ng/ul	98
10) Acenaphthylene	14.245	152	8713	0.404	ng/ul	100
11) Acenaphthene	14.587	153	7803	0.410	ng/ul	100
12) Fluorene	15.582	166	8056	0.409	ng/ul	100
14) Pentachlorophenol	16.974	266	687	0.356	ng/ul	95
15) Phenanthrene	17.324	178	11800	0.412	ng/ul	100
16) Anthracene	17.421	178	8838	0.396	ng/ul	99
19) Fluoranthene	19.343	202	12681	0.286	ng/ul	99
20) Pyrene	19.705	202	13602	0.301	ng/ul	99
21) Benzo(a)anthracene	21.454	228	10445	0.400	ng/ul	100
22) Chrysene	21.507	228	11818	0.396	ng/ul	99
24) Benzo(b)fluoranthene	23.134	252	9447	0.410	ng/ul	98
25) Benzo(k)fluoranthene	23.181	252	9113	0.416	ng/ul	98
26) Benzo(a)pyrene	23.760	252	8137	0.409	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.344	276	10799	0.409	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.367	278	8200	0.410	ng/ul	96
29) Benzo(g,h,i)perylene	27.102	276	10042	0.411	ng/ul	99

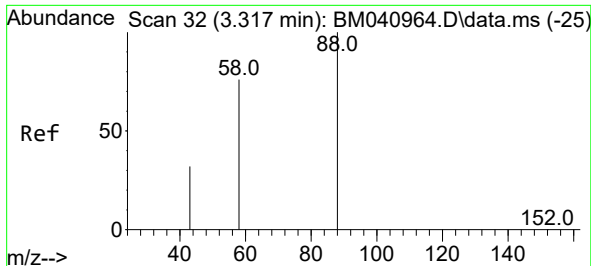
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071923\
Data File : BM040968.D
Acq On : 19 Jul 2023 22:44
Operator : MA/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SICV035

Quant Time: Jul 20 05:10:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 05:08:42 2023
Response via : Initial Calibration

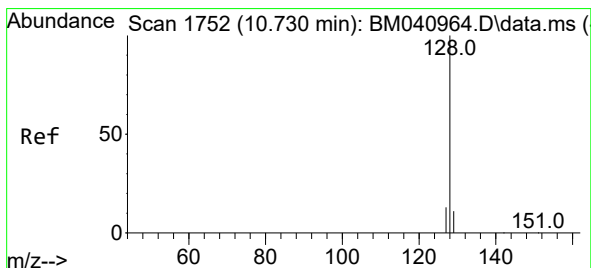
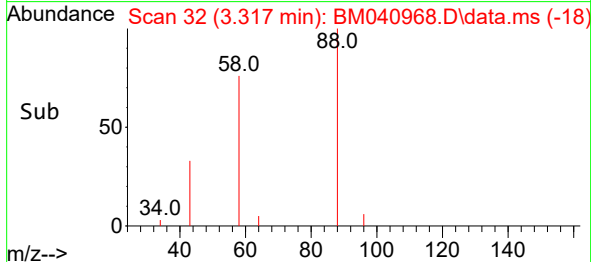
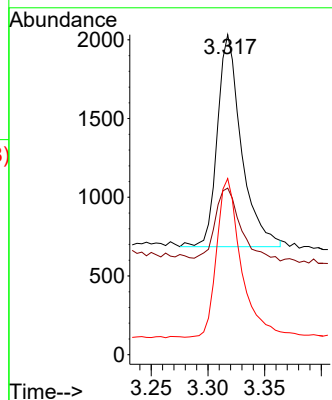
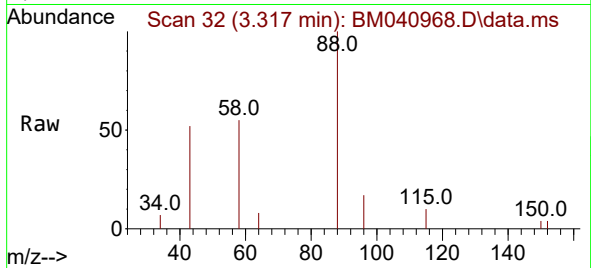




#2
1,4-Dioxane
Concen: 0.447 ng/ul
RT: 3.317 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM040968.D
Acq: 19 Jul 2023 22:44

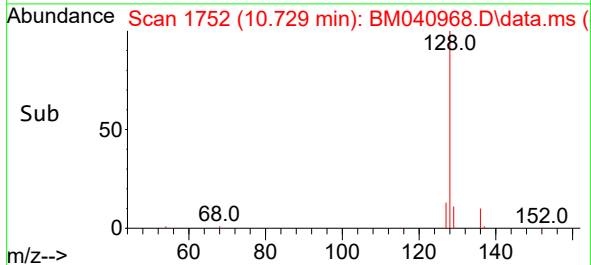
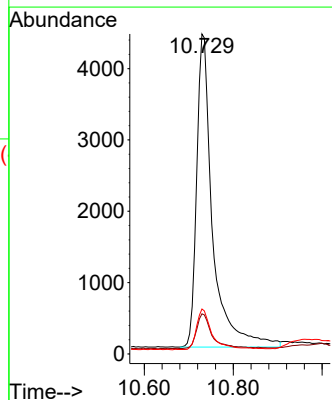
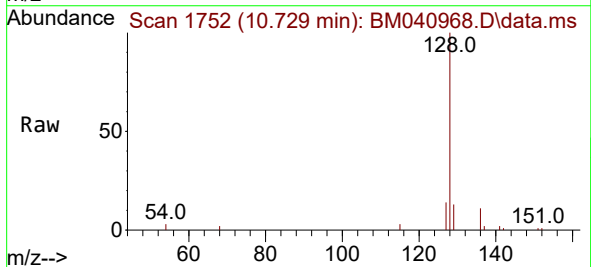
Instrument :
BNA_M
ClientSampleId :
SICV035

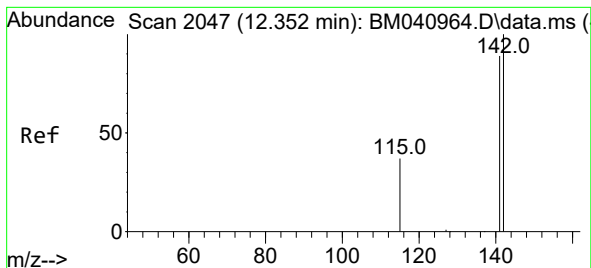
Tgt Ion: 88 Resp: 1988
Ion Ratio Lower Upper
88 100
43 52.0 46.7 70.1
58 55.0 40.3 60.5



#5
Naphthalene
Concen: 0.408 ng/ul
RT: 10.729 min Scan# 1752
Delta R.T. -0.000 min
Lab File: BM040968.D
Acq: 19 Jul 2023 22:44

Tgt Ion: 128 Resp: 10943
Ion Ratio Lower Upper
128 100
129 12.5 9.8 14.8
127 14.0 11.0 16.4

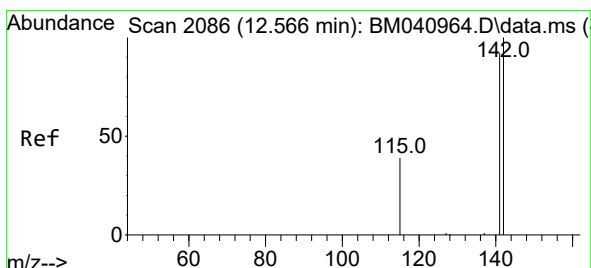
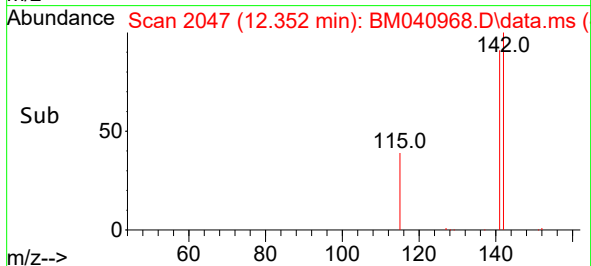
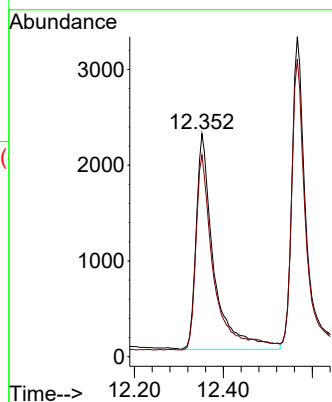
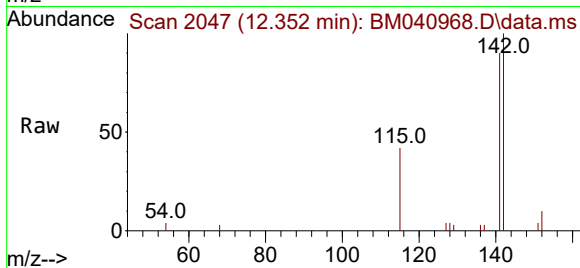




#7
2-Methylnaphthalene
Concen: 0.422 ng/ul
RT: 12.352 min Scan# 2047
Delta R.T. -0.000 min
Lab File: BM040968.D
Acq: 19 Jul 2023 22:44

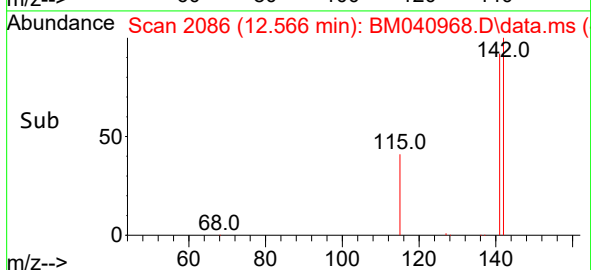
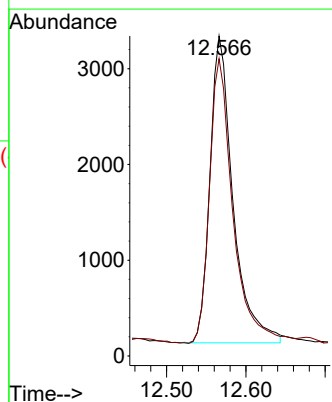
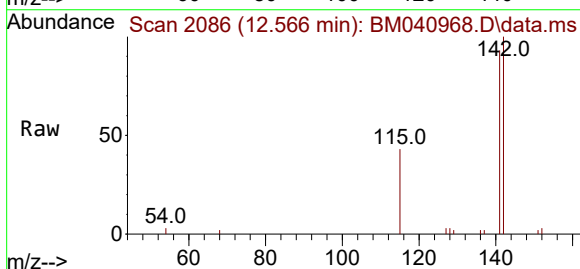
Instrument :
BNA_M
ClientSampleId :
SICV035

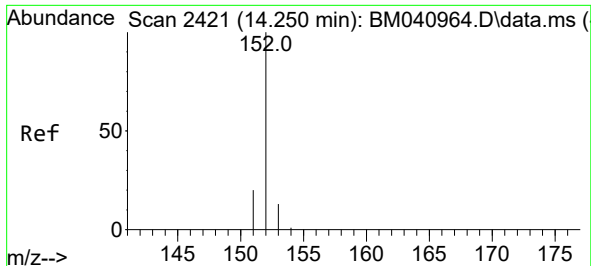
Tgt Ion:142 Resp: 6212
Ion Ratio Lower Upper
142 100
141 92.0 73.2 109.8



#8
1-Methylnaphthalene
Concen: 0.414 ng/ul
RT: 12.566 min Scan# 2086
Delta R.T. -0.000 min
Lab File: BM040968.D
Acq: 19 Jul 2023 22:44

Tgt Ion:142 Resp: 6485
Ion Ratio Lower Upper
142 100
141 93.8 73.4 110.2

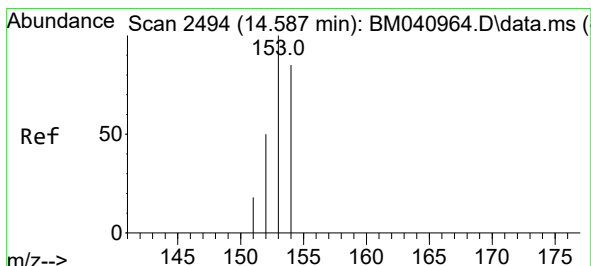
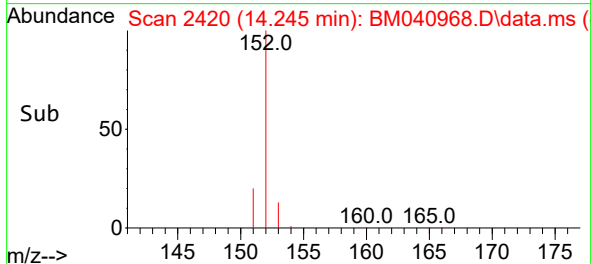
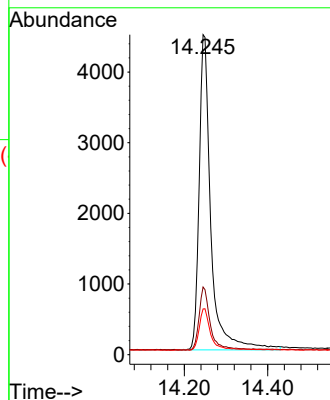
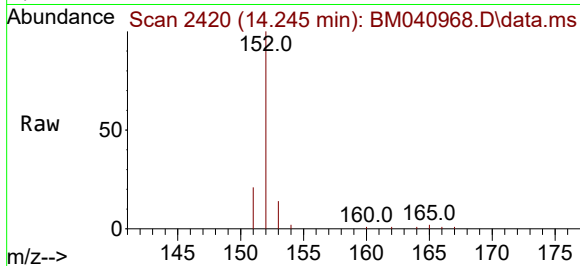




#10
Acenaphthylene
Concen: 0.404 ng/ul
RT: 14.245 min Scan# 2421
Delta R.T. -0.005 min
Lab File: BM040968.D
Acq: 19 Jul 2023 22:44

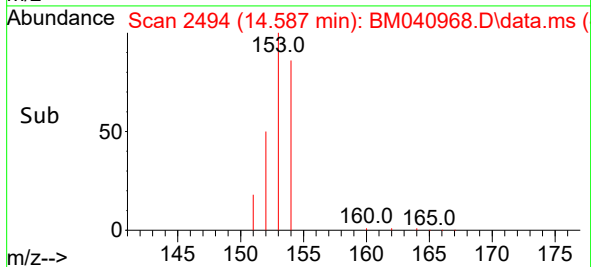
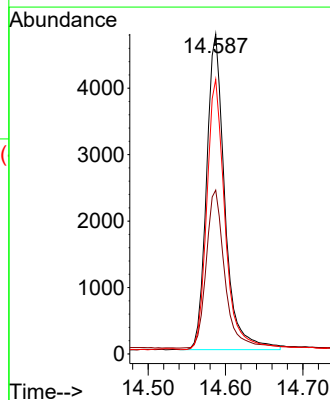
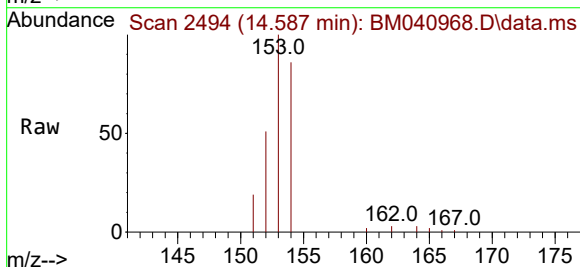
Instrument :
BNA_M
ClientSampleId :
SICV035

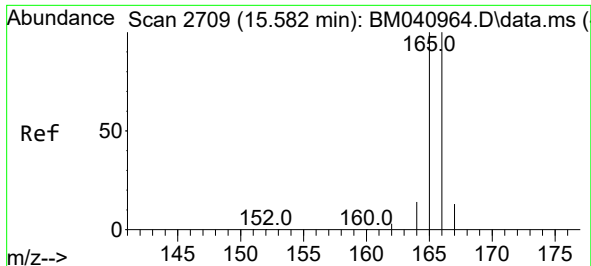
Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.8	25.2
153	14.3	11.6	17.4



#11
Acenaphthene
Concen: 0.410 ng/ul
RT: 14.587 min Scan# 2494
Delta R.T. -0.000 min
Lab File: BM040968.D
Acq: 19 Jul 2023 22:44

Tgt Ion	Ratio	Lower	Upper
153	100		
152	51.2	41.0	61.6
154	85.8	68.2	102.2

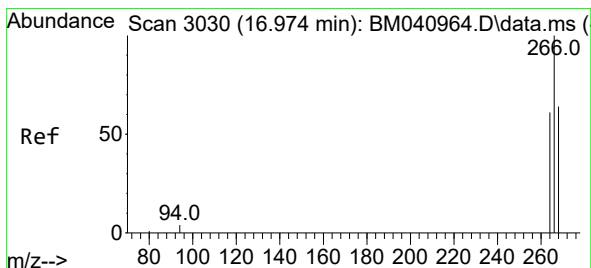
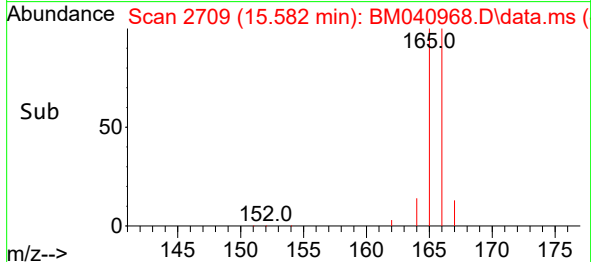
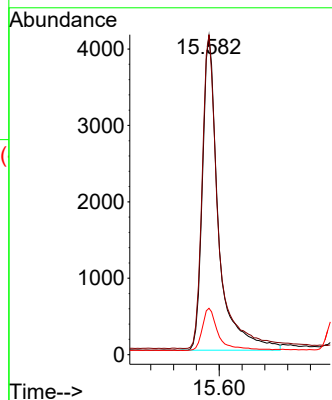
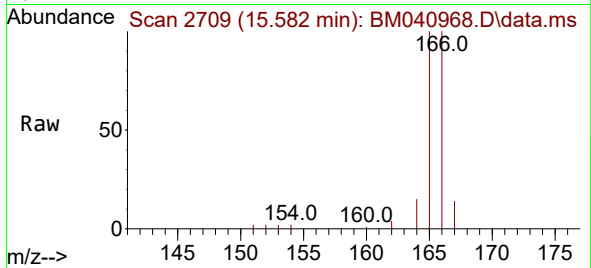




#12
 Fluorene
 Concen: 0.409 ng/ul
 RT: 15.582 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM040968.D
 Acq: 19 Jul 2023 22:44

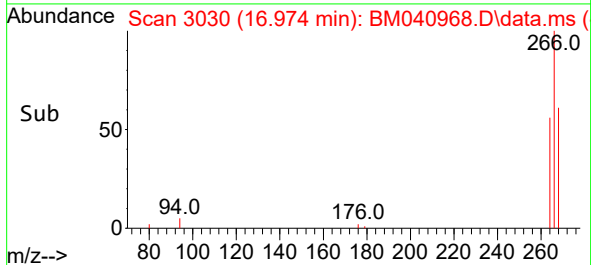
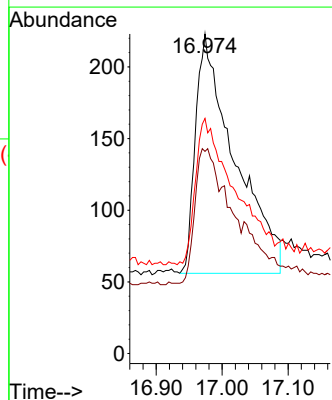
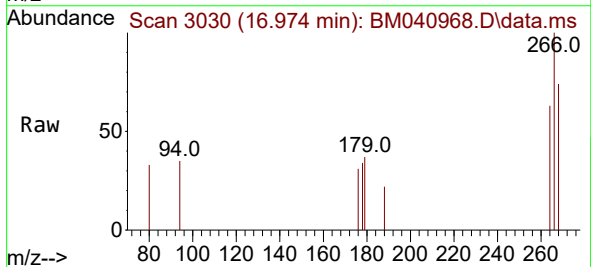
Instrument :
 BNA_M
 ClientSampleId :
 SICV035

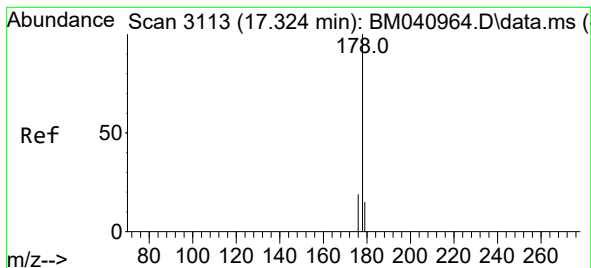
Tgt Ion:166 Resp: 8056
 Ion Ratio Lower Upper
 166 100
 165 100.4 80.3 120.5
 167 14.5 11.7 17.5



#14
 Pentachlorophenol
 Concen: 0.356 ng/ul
 RT: 16.974 min Scan# 3030
 Delta R.T. -0.000 min
 Lab File: BM040968.D
 Acq: 19 Jul 2023 22:44

Tgt Ion:266 Resp: 687
 Ion Ratio Lower Upper
 266 100
 264 59.1 50.7 76.1
 268 62.6 52.8 79.2





#15

Phenanthrene

Concen: 0.412 ng/ul

RT: 17.324 min Scan# 3113

Delta R.T. -0.000 min

Lab File: BM040968.D

Acq: 19 Jul 2023 22:44

Instrument :

BNA_M

ClientSampleId :

SICV035

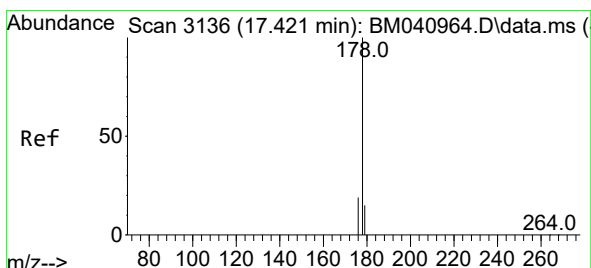
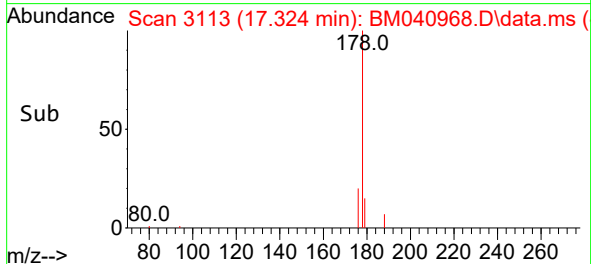
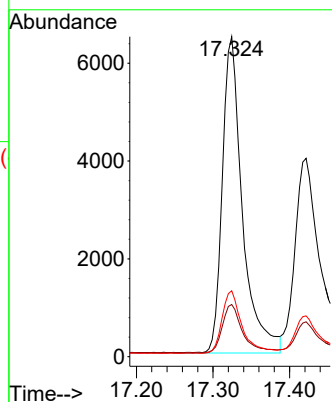
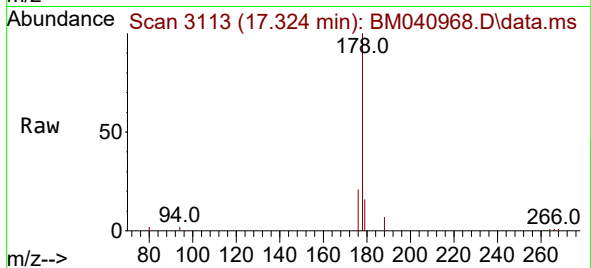
Tgt Ion:178 Resp: 11800

Ion Ratio Lower Upper

178 100

179 16.3 13.0 19.6

176 20.6 16.2 24.4



#16

Anthracene

Concen: 0.396 ng/ul

RT: 17.421 min Scan# 3136

Delta R.T. -0.000 min

Lab File: BM040968.D

Acq: 19 Jul 2023 22:44

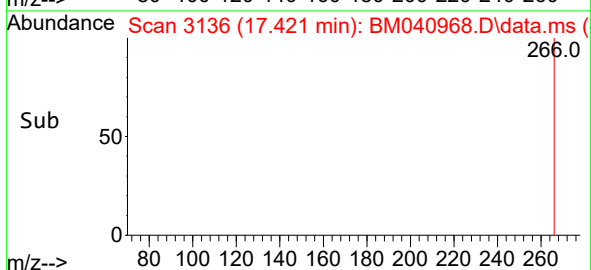
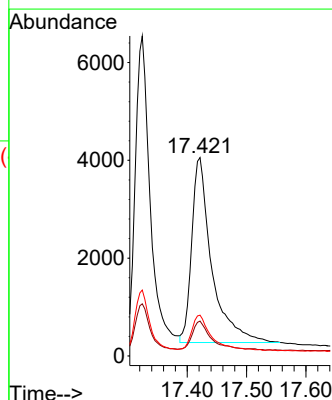
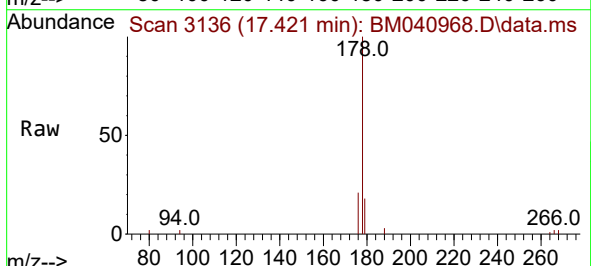
Tgt Ion:178 Resp: 8838

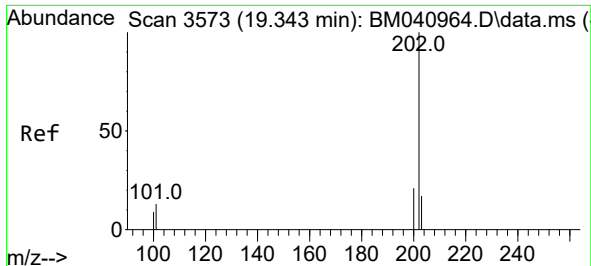
Ion Ratio Lower Upper

178 100

179 17.6 13.7 20.5

176 20.6 16.4 24.6

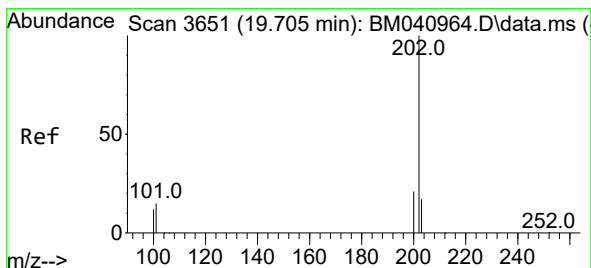
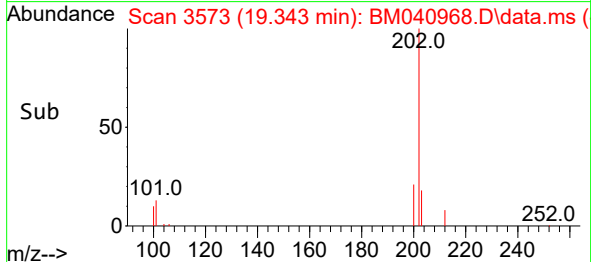
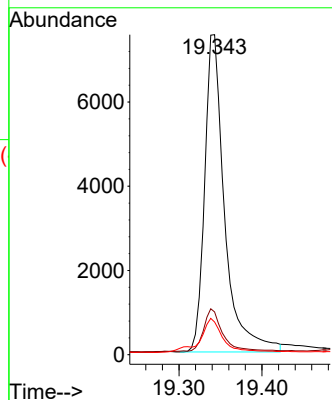
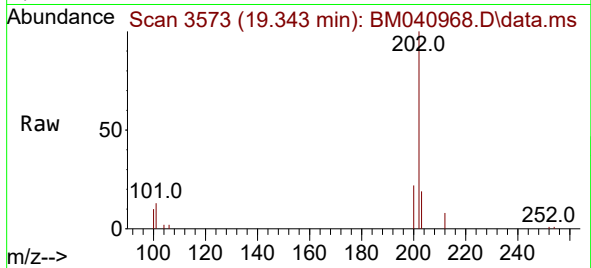




#19
Fluoranthene
Concen: 0.286 ng/ul
RT: 19.343 min Scan# 3573
Delta R.T. -0.000 min
Lab File: BM040968.D
Acq: 19 Jul 2023 22:44

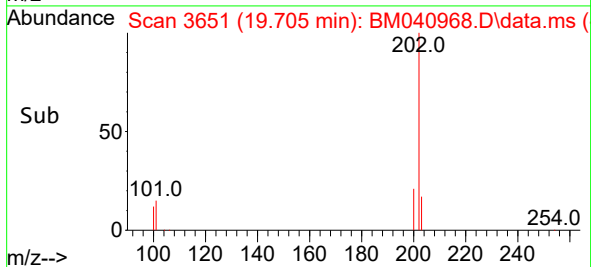
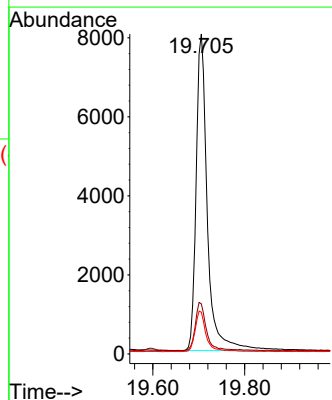
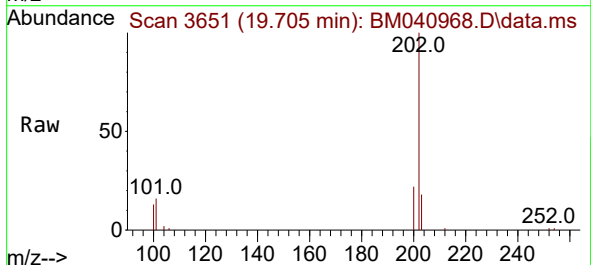
Instrument :
BNA_M
ClientSampleId :
SICV035

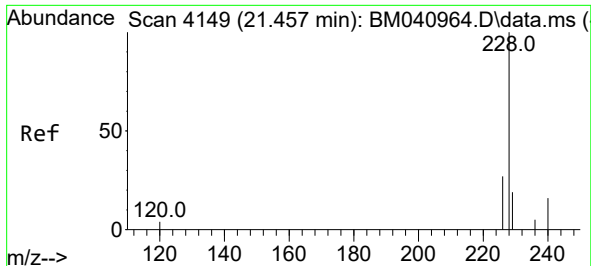
Tgt Ion:202 Resp: 12681
Ion Ratio Lower Upper
202 100
101 13.4 11.0 16.4
100 10.2 8.3 12.5



#20
Pyrene
Concen: 0.301 ng/ul
RT: 19.705 min Scan# 3651
Delta R.T. -0.000 min
Lab File: BM040968.D
Acq: 19 Jul 2023 22:44

Tgt Ion:202 Resp: 13602
Ion Ratio Lower Upper
202 100
101 15.7 12.5 18.7
100 13.1 10.0 15.0

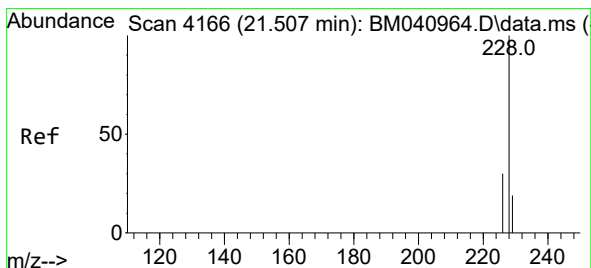
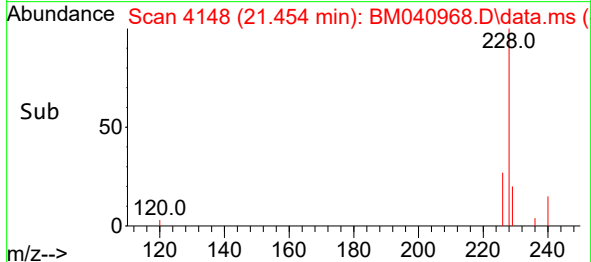
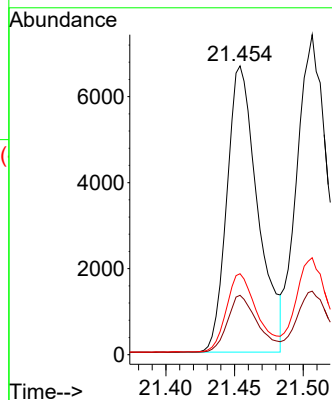
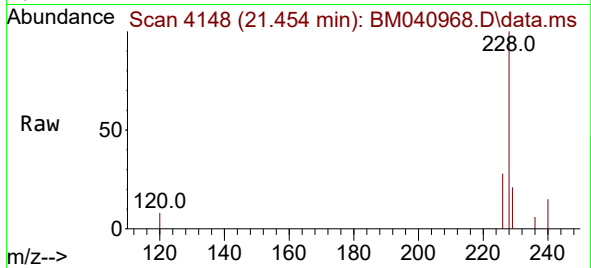




#21
Benzo(a)anthracene
Concen: 0.400 ng/ul
RT: 21.454 min Scan# 4149
Delta R.T. -0.003 min
Lab File: BM040968.D
Acq: 19 Jul 2023 22:44

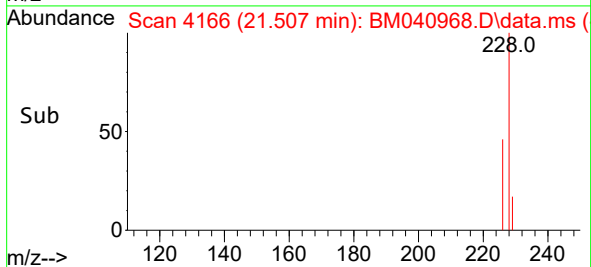
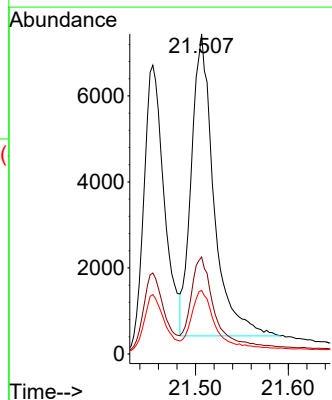
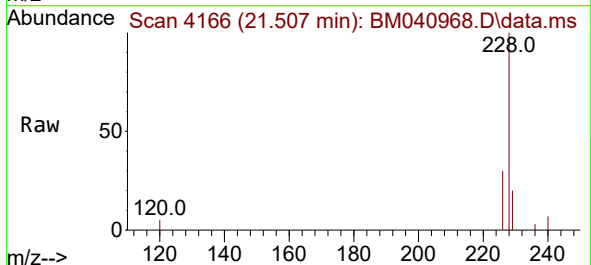
Instrument :
BNA_M
ClientSampleId :
SICV035

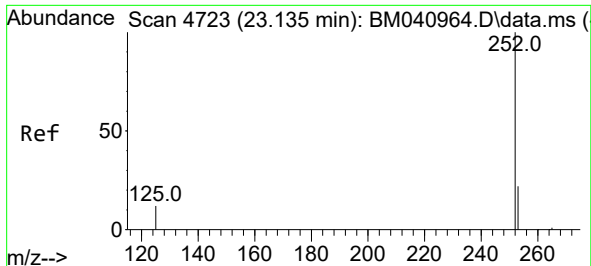
Tgt Ion:228 Resp: 10445
Ion Ratio Lower Upper
228 100
229 20.5 16.2 24.4
226 28.1 22.3 33.5



#22
Chrysene
Concen: 0.396 ng/ul
RT: 21.507 min Scan# 4166
Delta R.T. -0.000 min
Lab File: BM040968.D
Acq: 19 Jul 2023 22:44

Tgt Ion:228 Resp: 11818
Ion Ratio Lower Upper
228 100
226 30.3 24.6 37.0
229 19.8 16.1 24.1

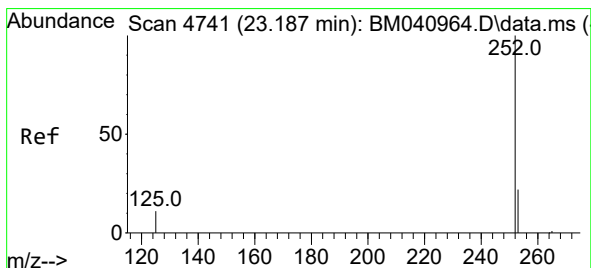
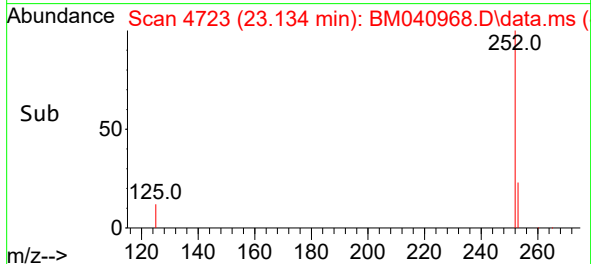
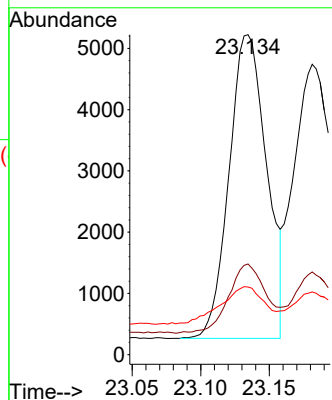
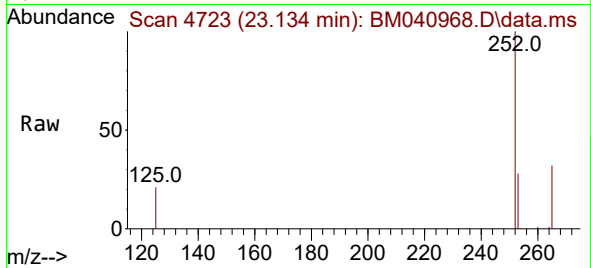




#24
Benzo(b)fluoranthene
Concen: 0.410 ng/ul
RT: 23.134 min Scan# 4723
Delta R.T. -0.000 min
Lab File: BM040968.D
Acq: 19 Jul 2023 22:44

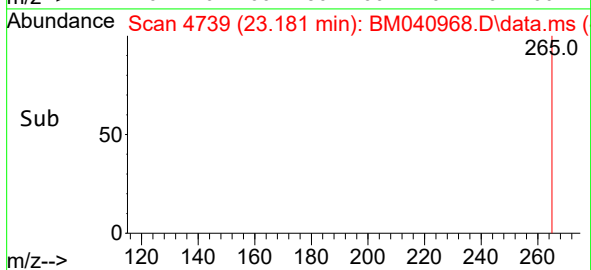
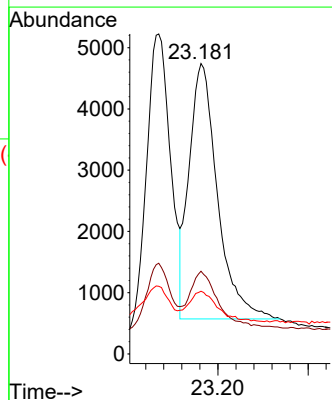
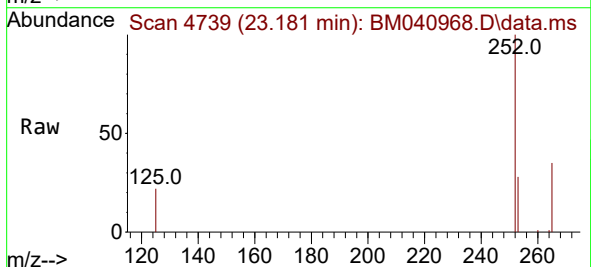
Instrument :
BNA_M
ClientSampleId :
SICV035

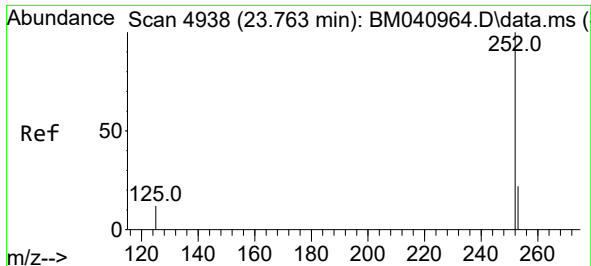
Tgt Ion:252 Resp: 9447
Ion Ratio Lower Upper
252 100
253 28.3 0.0 57.4
125 21.2 0.0 45.2



#25
Benzo(k)fluoranthene
Concen: 0.416 ng/ul
RT: 23.181 min Scan# 4739
Delta R.T. -0.006 min
Lab File: BM040968.D
Acq: 19 Jul 2023 22:44

Tgt Ion:252 Resp: 9113
Ion Ratio Lower Upper
252 100
253 28.5 23.3 34.9
125 21.6 18.2 27.2

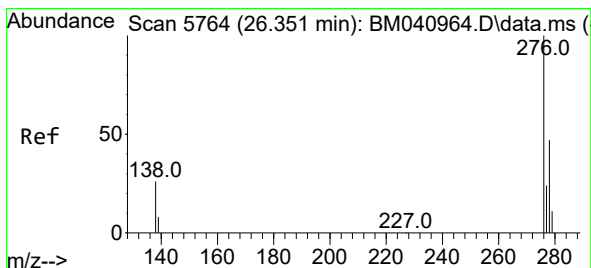
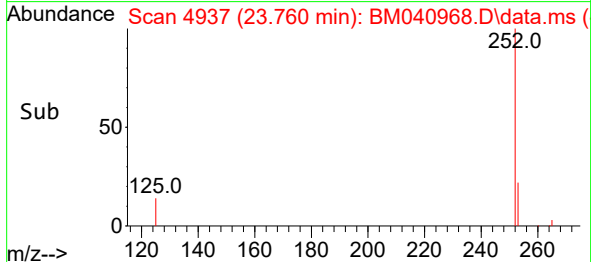
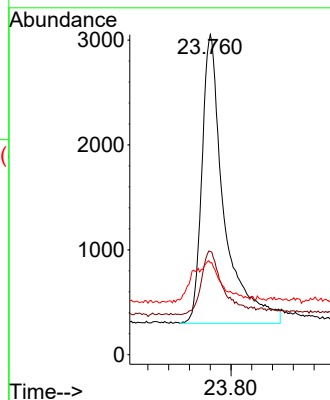
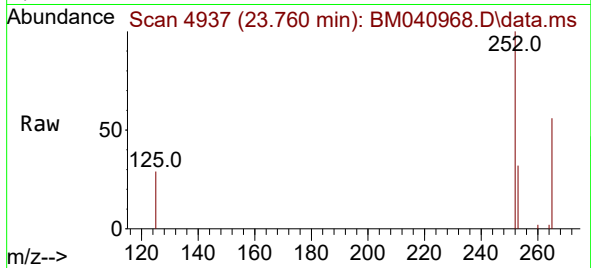




#26
Benzo(a)pyrene
Concen: 0.409 ng/ul
RT: 23.760 min Scan# 4938
Delta R.T. -0.003 min
Lab File: BM040968.D
Acq: 19 Jul 2023 22:44

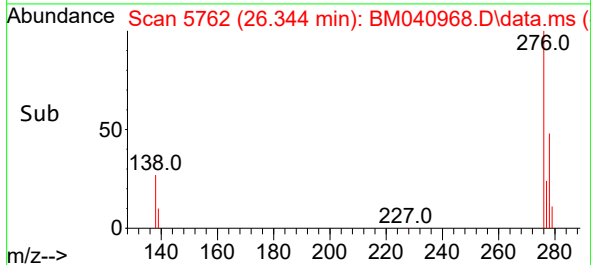
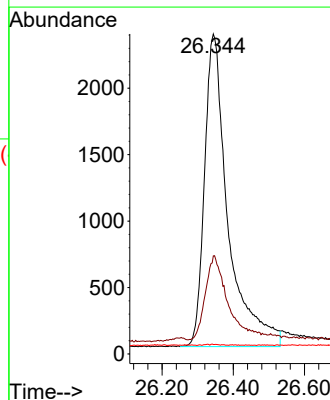
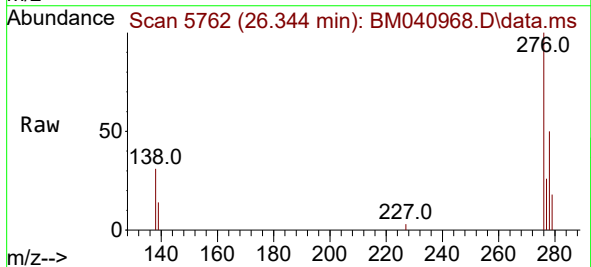
Instrument :
BNA_M
ClientSampleId :
SICV035

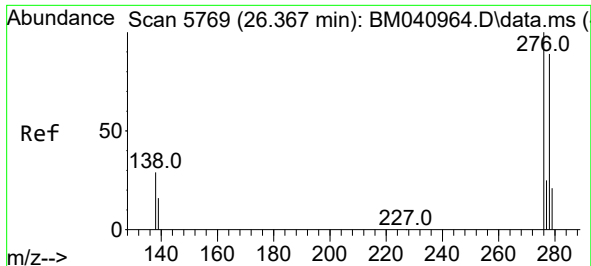
Tgt Ion:252	Resp:	8137
Ion Ratio	Lower	Upper
252	100	
253	32.2	28.2 42.2
125	28.7	25.2 37.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.409 ng/ul
RT: 26.344 min Scan# 5762
Delta R.T. -0.007 min
Lab File: BM040968.D
Acq: 19 Jul 2023 22:44

Tgt Ion:276	Resp:	10799
Ion Ratio	Lower	Upper
276	100	
138	26.9	22.3 33.5
227	0.1	0.0 0.0#

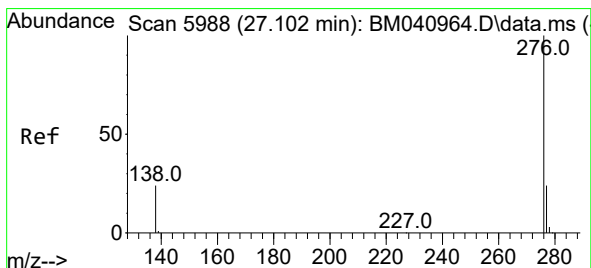
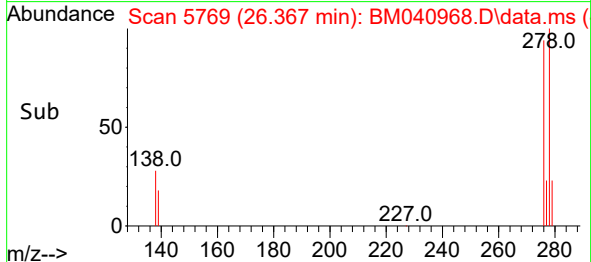
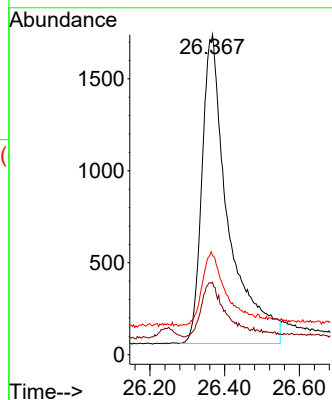
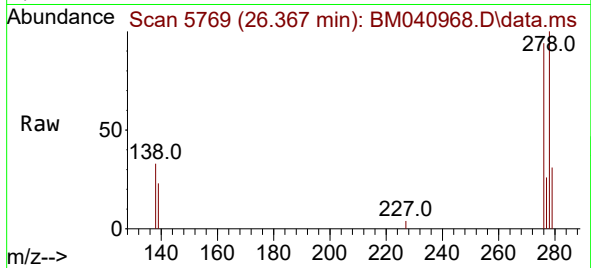




#28
Dibenzo(a,h)anthracene
Concen: 0.410 ng/ul
RT: 26.367 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM040968.D
Acq: 19 Jul 2023 22:44

Instrument :
BNA_M
ClientSampleId :
SICV035

Tgt Ion:278 Resp: 8200
Ion Ratio Lower Upper
278 100
139 22.6 19.2 28.8
279 31.0 27.0 40.6



#29
Benzo(g,h,i)perylene
Concen: 0.411 ng/ul
RT: 27.102 min Scan# 5988
Delta R.T. -0.000 min
Lab File: BM040968.D
Acq: 19 Jul 2023 22:44

Tgt Ion:276 Resp: 10042
Ion Ratio Lower Upper
276 100
138 28.1 22.6 34.0
277 25.8 21.2 31.8

