

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071923\
 Data File : BM040964.D
 Acq On : 19 Jul 2023 20:14
 Operator : MA/JU
 Sample : SST0.496
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.4031

Quant Time: Jul 20 05:00:19 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 04:54:10 2023
 Response via : Initial Calibration

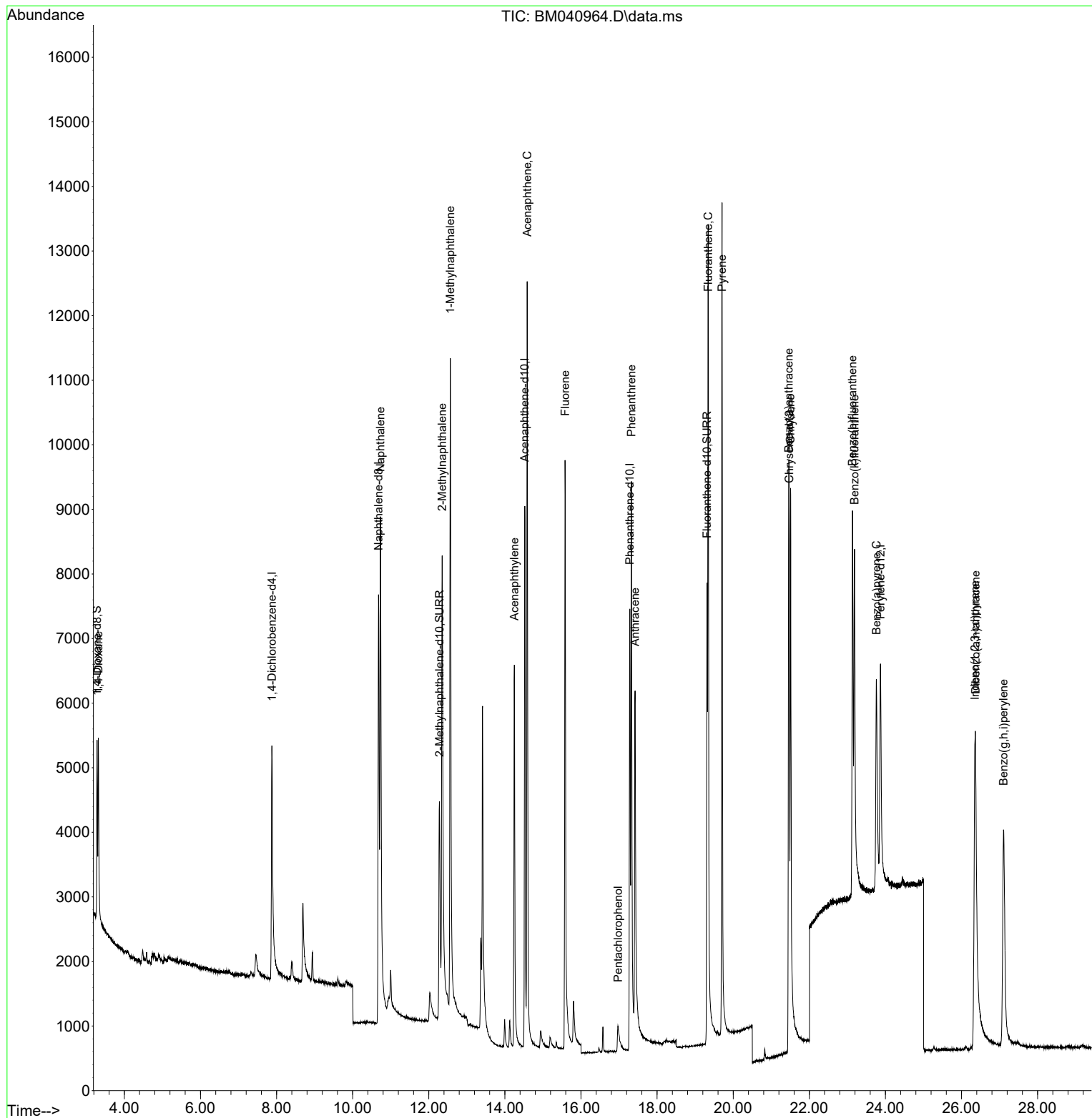
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.878	152	3361	0.400	ng/ul	0.00
4) Naphthalene-d8	10.680	136	13141	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.523	164	5078	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.282	188	9501	0.400	ng/ul	0.00
17) Chrysene-d12	21.472	240	6396	0.400	ng/ul	0.00
23) Perylene-d12	23.871	264	5737	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	1770	0.335	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.280	152	7417	0.403	ng/ul	0.00
18) Fluoranthene-d10	19.315	212	9381	0.458	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.317	88	1825	0.340	ng/ul	100
5) Naphthalene	10.730	128	14187	0.391	ng/ul	100
7) 2-Methylnaphthalene	12.352	142	8225	0.386	ng/ul	100
8) 1-Methylnaphthalene	12.566	142	8746	0.411	ng/ul	100
10) Acenaphthylene	14.250	152	8422	0.371	ng/ul	100
11) Acenaphthene	14.587	153	7433	0.388	ng/ul	100
12) Fluorene	15.582	166	7663	0.375	ng/ul	100
14) Pentachlorophenol	16.974	266	681	0.372	ng/ul	98
15) Phenanthrene	17.324	178	11183	0.379	ng/ul	100
16) Anthracene	17.421	178	8527	0.344	ng/ul	100
19) Fluoranthene	19.343	202	11903	0.438	ng/ul	100
20) Pyrene	19.705	202	12698	0.436	ng/ul	100
21) Benzo(a)anthracene	21.457	228	7409	0.342	ng/ul	100
22) Chrysene	21.507	228	8740	0.354	ng/ul	100
24) Benzo(b)fluoranthene	23.135	252	8380	0.377	ng/ul	100
25) Benzo(k)fluoranthene	23.187	252	8322	0.380	ng/ul	100
26) Benzo(a)pyrene	23.763	252	7309	0.365	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.351	276	9870	0.354	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.367	278	7476	0.343	ng/ul	100
29) Benzo(g,h,i)perylene	27.102	276	9301	0.381	ng/ul	100

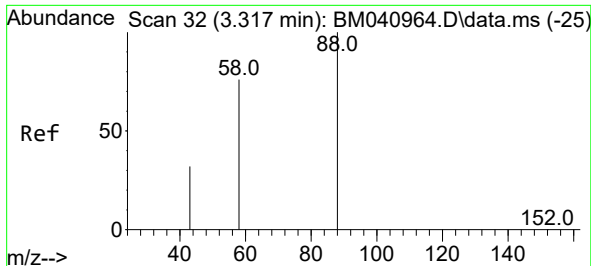
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071923\
Data File : BM040964.D
Acq On : 19 Jul 2023 20:14
Operator : MA/JU
Sample : SST0.496
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4031

Quant Time: Jul 20 05:00:19 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 04:54:10 2023
Response via : Initial Calibration

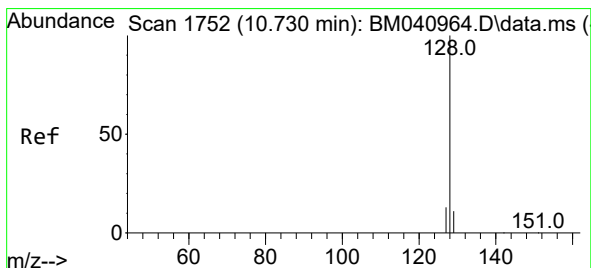
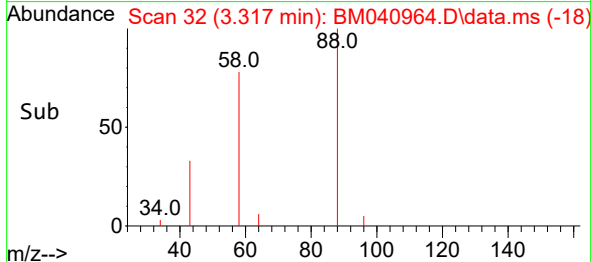
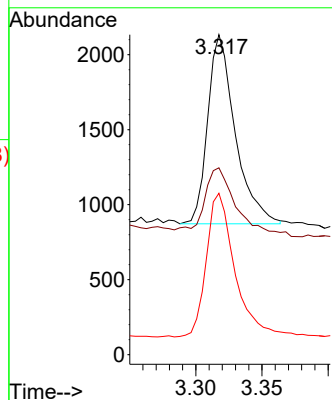
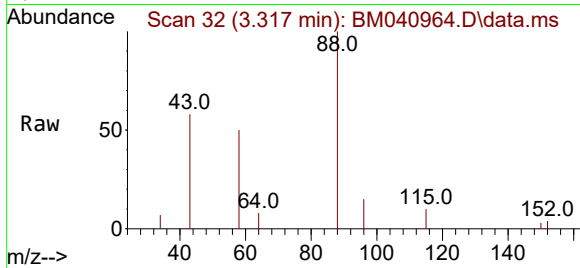




#2
1,4-Dioxane
Concen: 0.340 ng/ul
RT: 3.317 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM040964.D
Acq: 19 Jul 2023 20:14

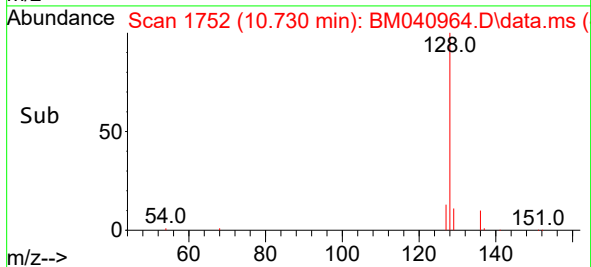
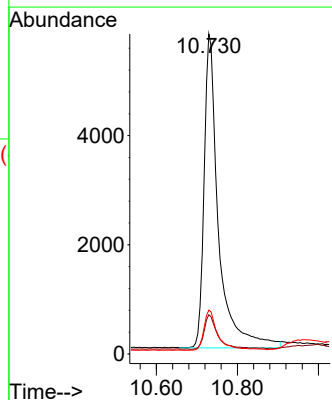
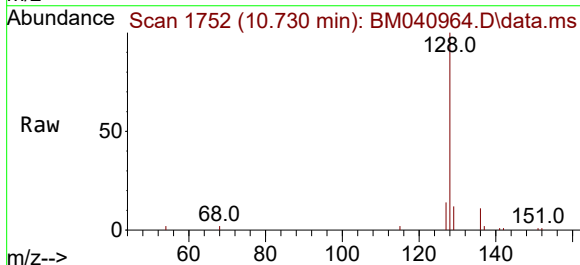
Instrument :
BNA_M
ClientSampleId :
SSTD0.4031

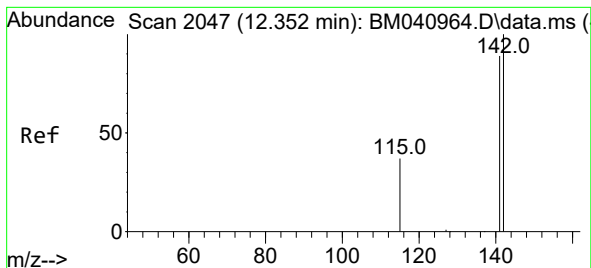
Tgt Ion: 88 Resp: 1825
Ion Ratio Lower Upper
88 100
43 58.4 46.7 70.1
58 50.4 40.3 60.5



#5
Naphthalene
Concen: 0.391 ng/ul
RT: 10.730 min Scan# 1752
Delta R.T. 0.000 min
Lab File: BM040964.D
Acq: 19 Jul 2023 20:14

Tgt Ion: 128 Resp: 14187
Ion Ratio Lower Upper
128 100
129 12.3 9.8 14.8
127 13.7 11.0 16.4

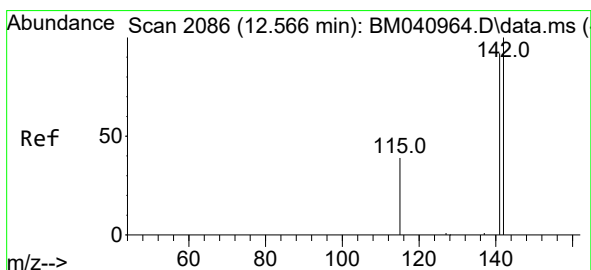
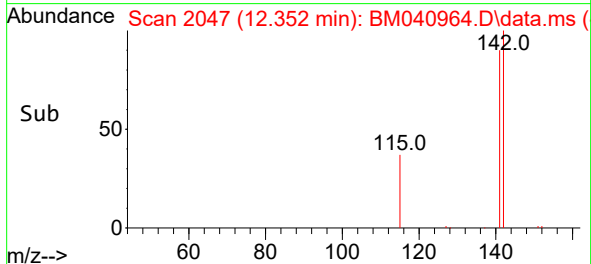
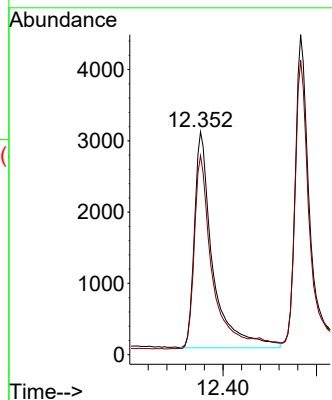
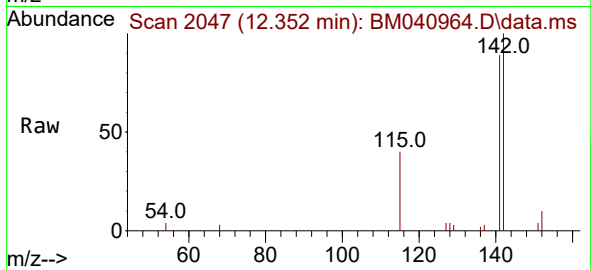




#7
2-Methylnaphthalene
Concen: 0.386 ng/ul
RT: 12.352 min Scan# 2047
Delta R.T. 0.000 min
Lab File: BM040964.D
Acq: 19 Jul 2023 20:14

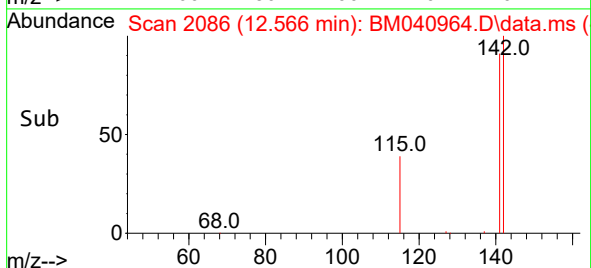
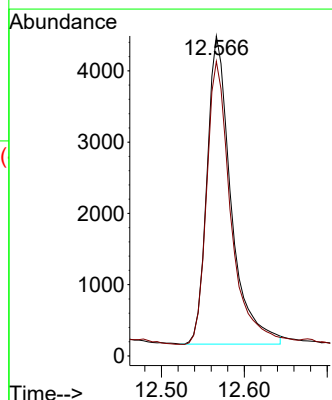
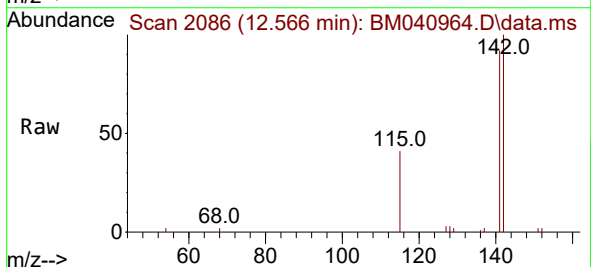
Instrument :
BNA_M
ClientSampleId :
SSTD0.4031

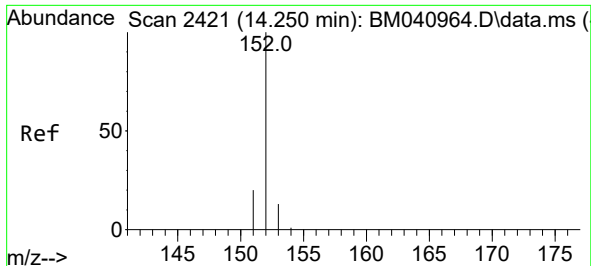
Tgt Ion:142 Resp: 8225
Ion Ratio Lower Upper
142 100
141 91.5 73.2 109.8



#8
1-Methylnaphthalene
Concen: 0.411 ng/ul
RT: 12.566 min Scan# 2086
Delta R.T. 0.000 min
Lab File: BM040964.D
Acq: 19 Jul 2023 20:14

Tgt Ion:142 Resp: 8746
Ion Ratio Lower Upper
142 100
141 91.8 73.4 110.2

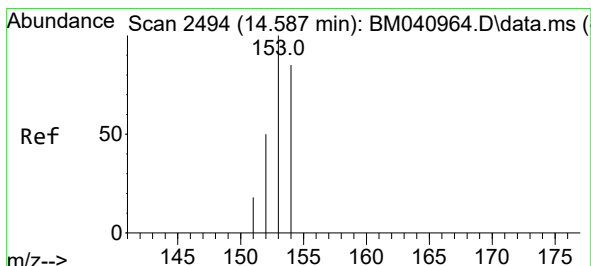
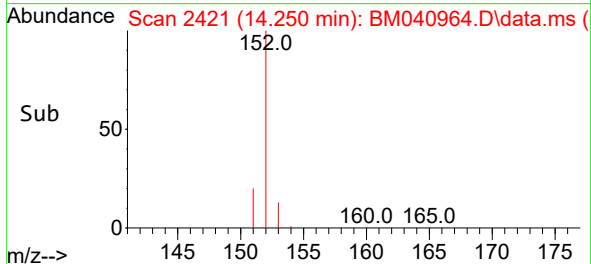
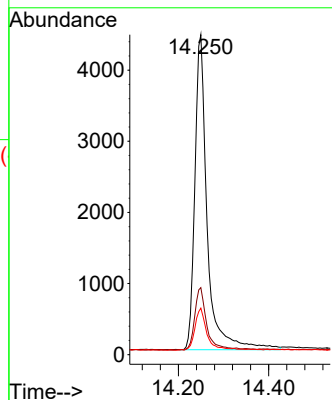
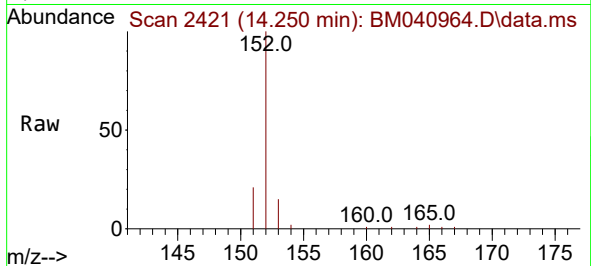




#10
Acenaphthylene
Concen: 0.371 ng/ul
RT: 14.250 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BM040964.D
Acq: 19 Jul 2023 20:14

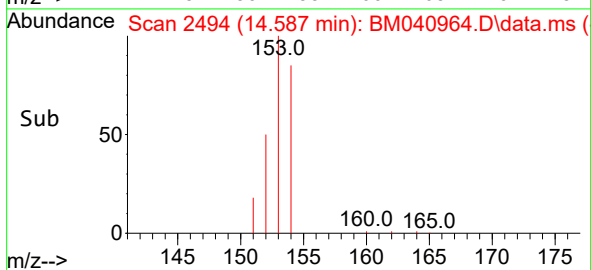
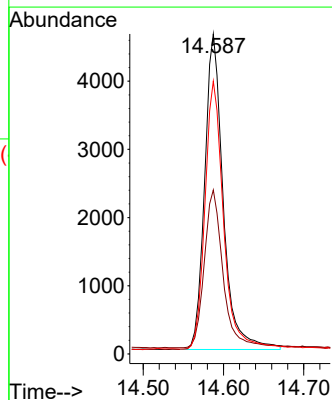
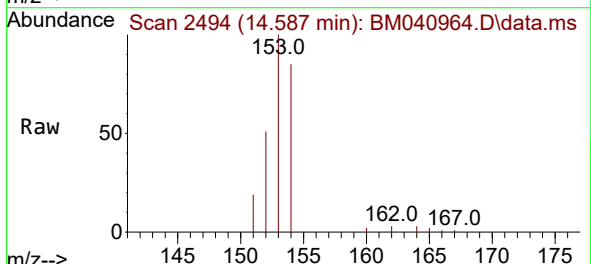
Instrument :
BNA_M
ClientSampleId :
SSTD0.4031

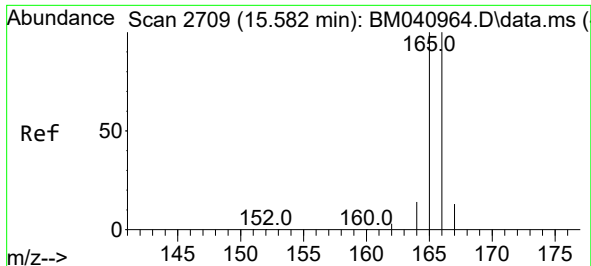
Tgt Ion:152 Resp: 8422
Ion Ratio Lower Upper
152 100
151 21.0 16.8 25.2
153 14.5 11.6 17.4



#11
Acenaphthene
Concen: 0.388 ng/ul
RT: 14.587 min Scan# 2494
Delta R.T. 0.000 min
Lab File: BM040964.D
Acq: 19 Jul 2023 20:14

Tgt Ion:153 Resp: 7433
Ion Ratio Lower Upper
153 100
152 51.3 41.0 61.6
154 85.2 68.2 102.2

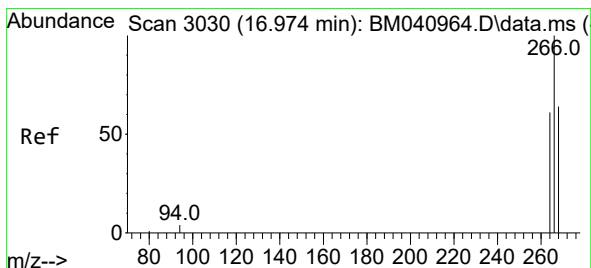
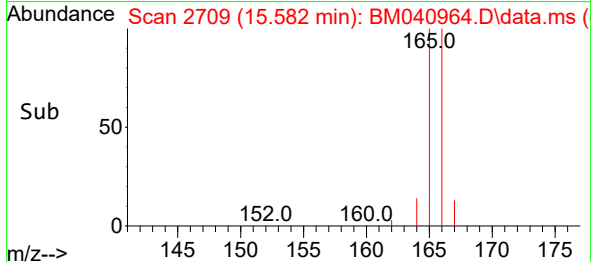
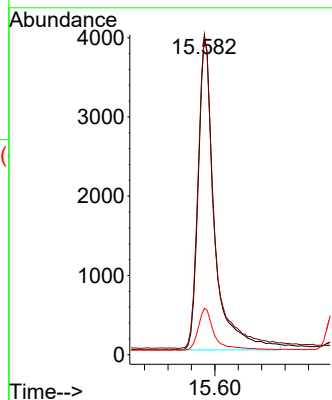
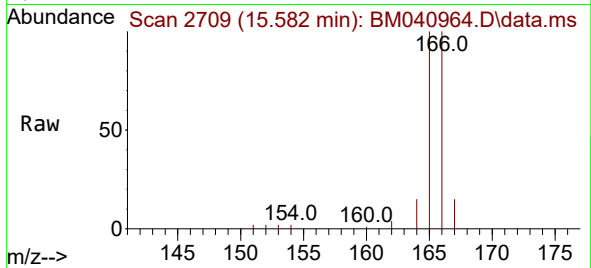




#12
Fluorene
Concen: 0.375 ng/ul
RT: 15.582 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM040964.D
Acq: 19 Jul 2023 20:14

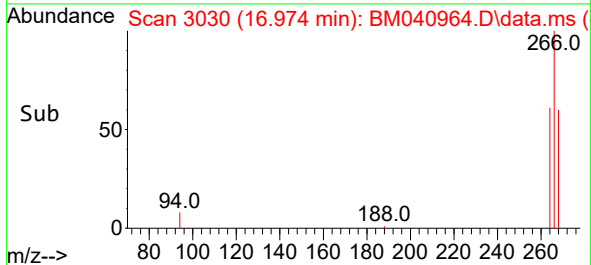
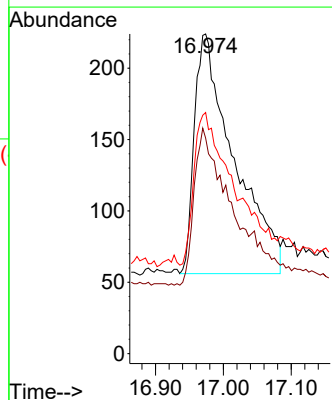
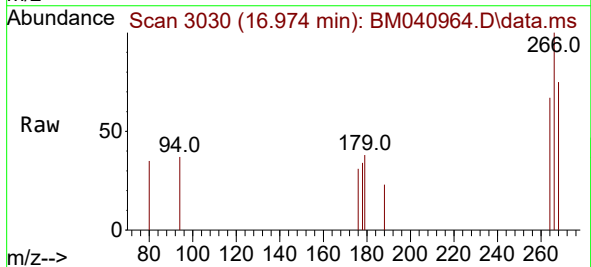
Instrument :
BNA_M
ClientSampleId :
SSTD0.4031

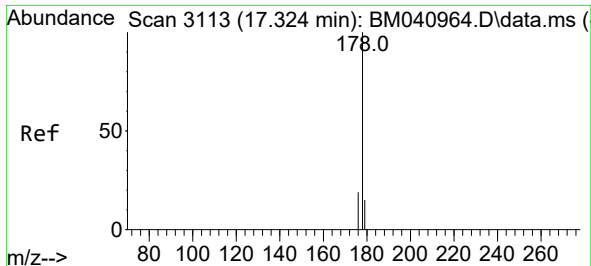
Tgt Ion:166 Resp: 7663
Ion Ratio Lower Upper
166 100
165 100.4 80.3 120.5
167 14.6 11.7 17.5



#14
Pentachlorophenol
Concen: 0.372 ng/ul
RT: 16.974 min Scan# 3030
Delta R.T. 0.000 min
Lab File: BM040964.D
Acq: 19 Jul 2023 20:14

Tgt Ion:266 Resp: 681
Ion Ratio Lower Upper
266 100
264 64.2 50.7 76.1
268 67.7 52.8 79.2

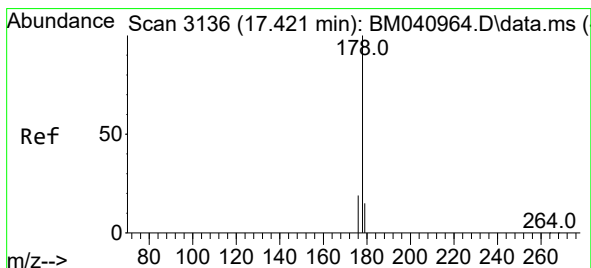
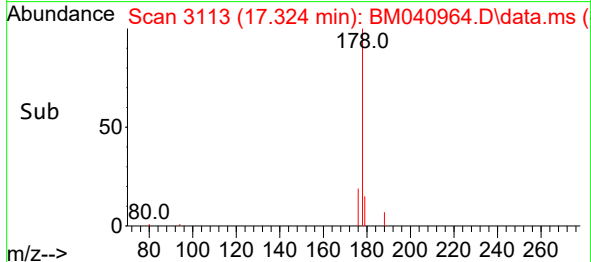
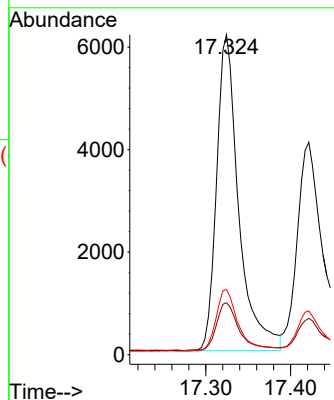
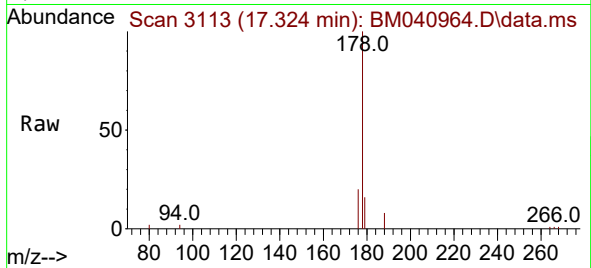




#15
Phenanthrene
Concen: 0.379 ng/ul
RT: 17.324 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BM040964.D
Acq: 19 Jul 2023 20:14

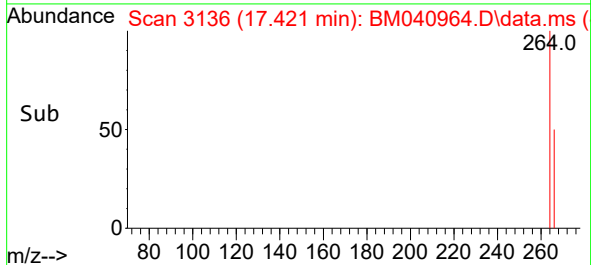
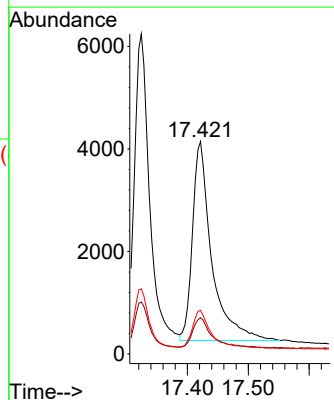
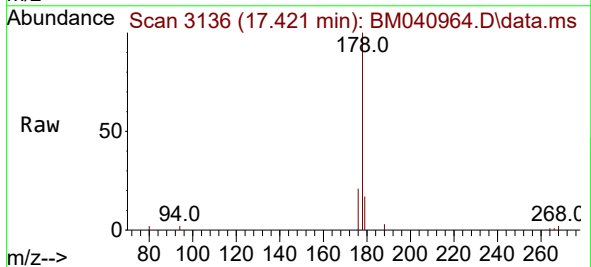
Instrument :
BNA_M
ClientSampleId :
SSTD0.4031

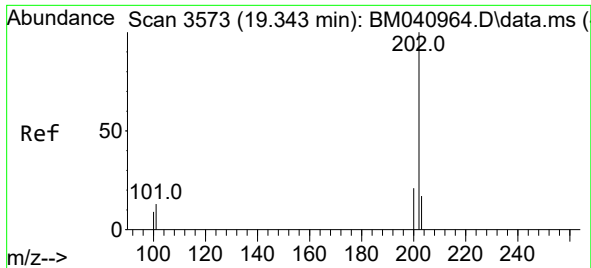
Tgt Ion:178 Resp: 11183
Ion Ratio Lower Upper
178 100
179 16.3 13.0 19.6
176 20.3 16.2 24.4



#16
Anthracene
Concen: 0.344 ng/ul
RT: 17.421 min Scan# 3136
Delta R.T. 0.000 min
Lab File: BM040964.D
Acq: 19 Jul 2023 20:14

Tgt Ion:178 Resp: 8527
Ion Ratio Lower Upper
178 100
179 17.1 13.7 20.5
176 20.5 16.4 24.6

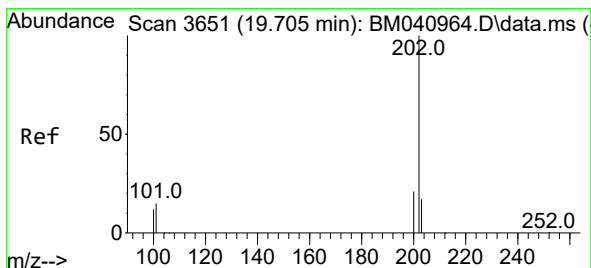
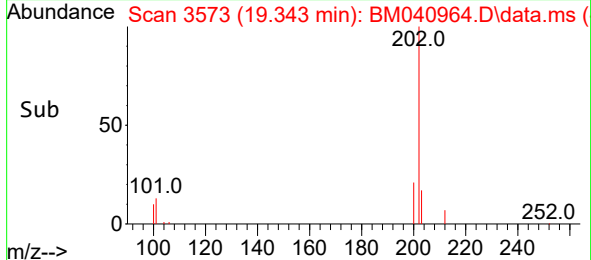
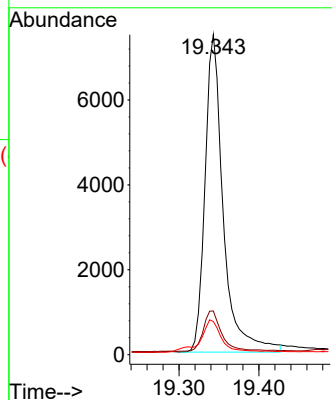
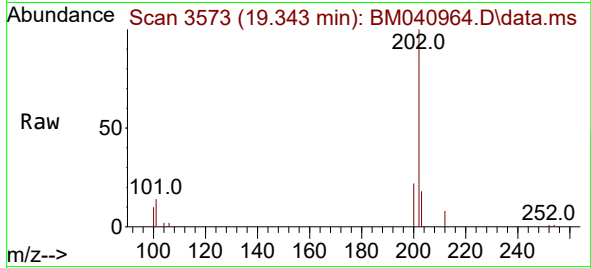




#19
Fluoranthene
Concen: 0.438 ng/ul
RT: 19.343 min Scan# 3573
Delta R.T. 0.000 min
Lab File: BM040964.D
Acq: 19 Jul 2023 20:14

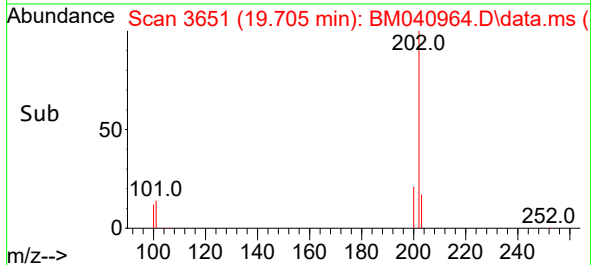
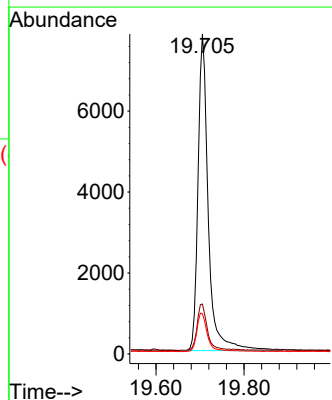
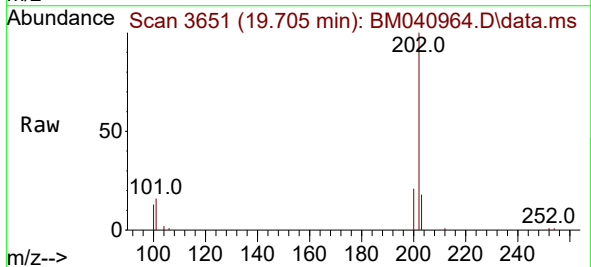
Instrument :
BNA_M
ClientSampleId :
SSTD0.4031

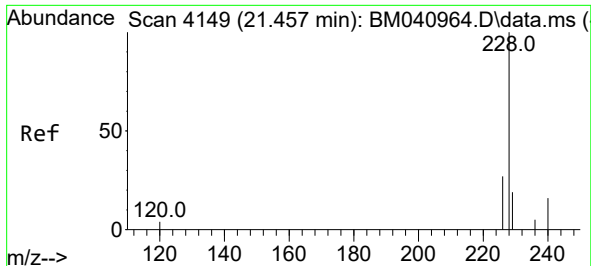
Tgt Ion:202 Resp: 11903
Ion Ratio Lower Upper
202 100
101 13.7 11.0 16.4
100 10.4 8.3 12.5



#20
Pyrene
Concen: 0.436 ng/ul
RT: 19.705 min Scan# 3651
Delta R.T. 0.000 min
Lab File: BM040964.D
Acq: 19 Jul 2023 20:14

Tgt Ion:202 Resp: 12698
Ion Ratio Lower Upper
202 100
101 15.6 12.5 18.7
100 12.5 10.0 15.0

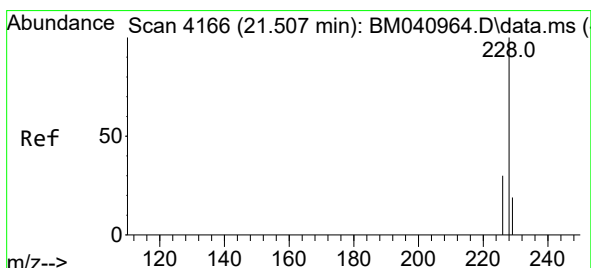
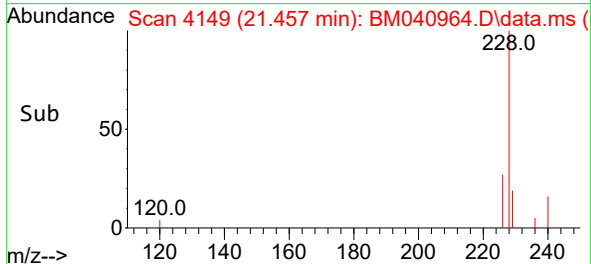
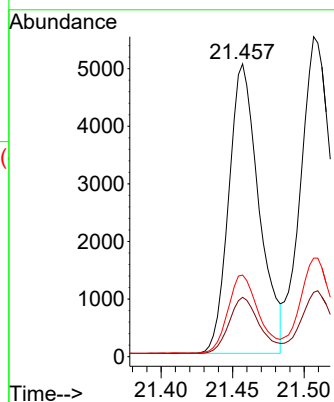
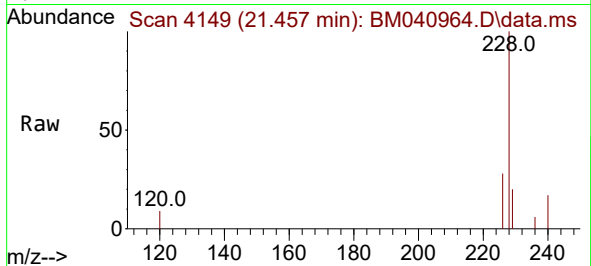




#21
Benzo(a)anthracene
Concen: 0.342 ng/ul
RT: 21.457 min Scan# 4149
Delta R.T. 0.000 min
Lab File: BM040964.D
Acq: 19 Jul 2023 20:14

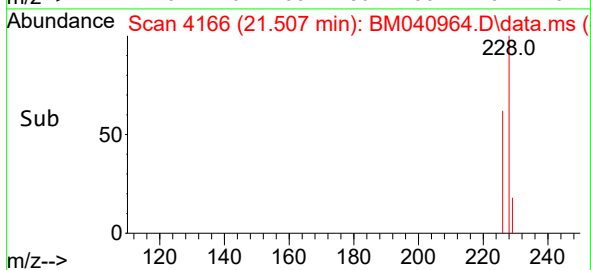
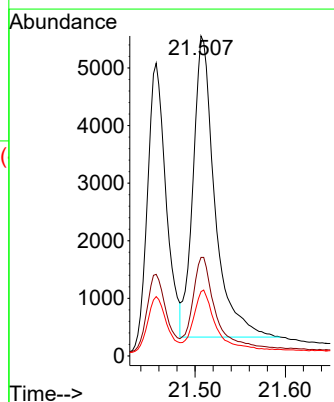
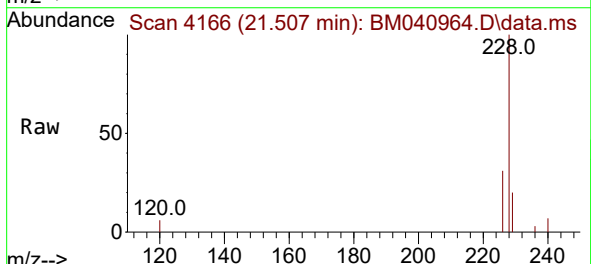
Instrument :
BNA_M
ClientSampleId :
SSTD0.4031

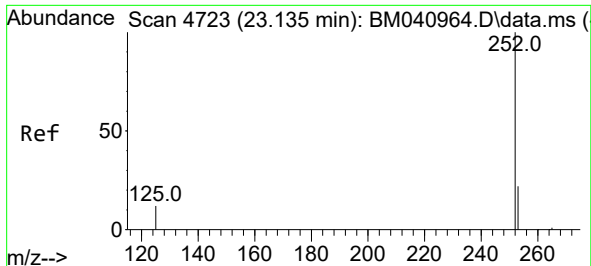
Tgt Ion:228 Resp: 7409
Ion Ratio Lower Upper
228 100
229 20.3 16.2 24.4
226 27.9 22.3 33.5



#22
Chrysene
Concen: 0.354 ng/ul
RT: 21.507 min Scan# 4166
Delta R.T. 0.000 min
Lab File: BM040964.D
Acq: 19 Jul 2023 20:14

Tgt Ion:228 Resp: 8740
Ion Ratio Lower Upper
228 100
226 30.8 24.6 37.0
229 20.1 16.1 24.1

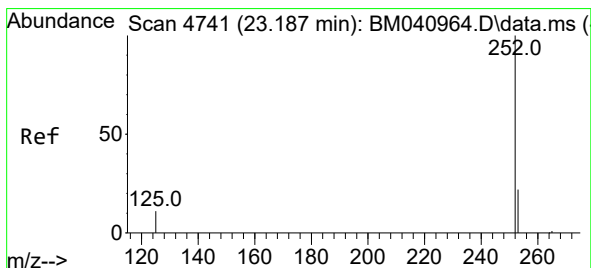
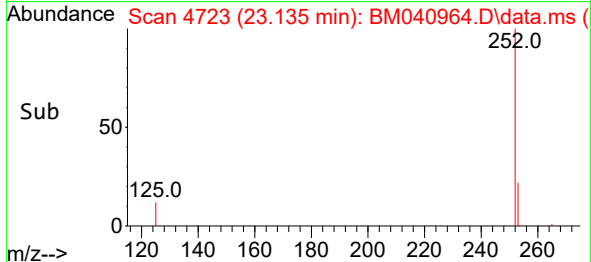
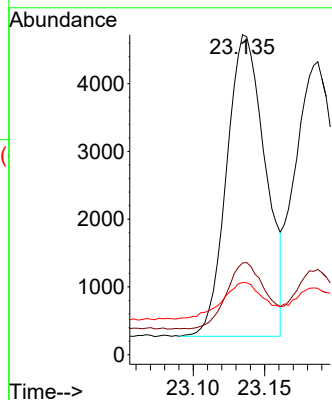
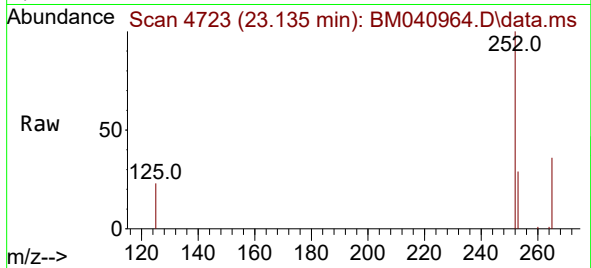




#24
Benzo(b)fluoranthene
Concen: 0.377 ng/ul
RT: 23.135 min Scan# 4723
Delta R.T. 0.000 min
Lab File: BM040964.D
Acq: 19 Jul 2023 20:14

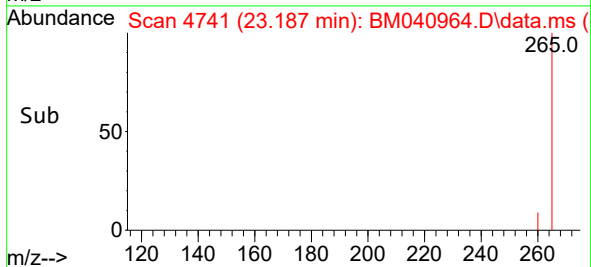
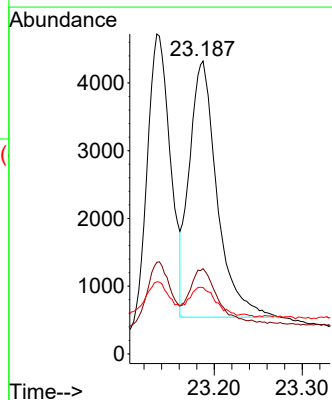
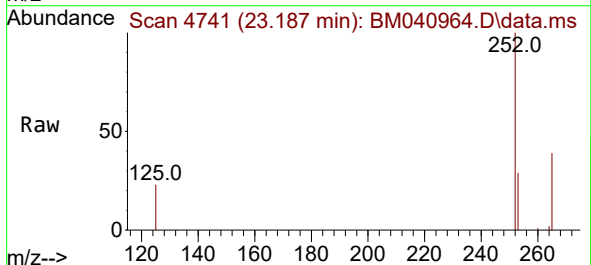
Instrument :
BNA_M
ClientSampleId :
SSTD0.4031

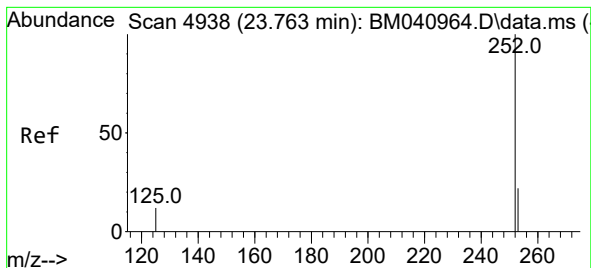
Tgt Ion:252 Resp: 8380
Ion Ratio Lower Upper
252 100
253 28.7 0.0 57.4
125 22.6 0.0 45.2



#25
Benzo(k)fluoranthene
Concen: 0.380 ng/ul
RT: 23.187 min Scan# 4741
Delta R.T. 0.000 min
Lab File: BM040964.D
Acq: 19 Jul 2023 20:14

Tgt Ion:252 Resp: 8322
Ion Ratio Lower Upper
252 100
253 29.1 23.3 34.9
125 22.7 18.2 27.2





#26

Benzo(a)pyrene

Concen: 0.365 ng/ul

RT: 23.763 min Scan# 4938

Delta R.T. 0.000 min

Lab File: BM040964.D

Acq: 19 Jul 2023 20:14

Instrument :

BNA_M

ClientSampleId :

SSTD0.4031

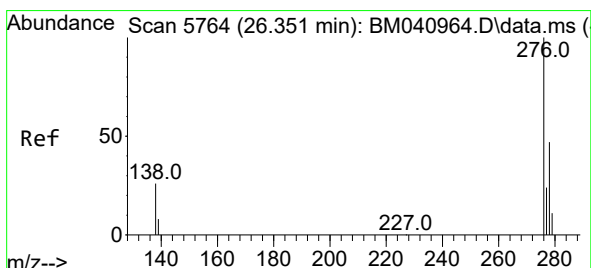
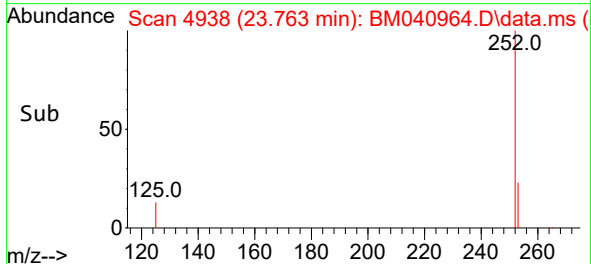
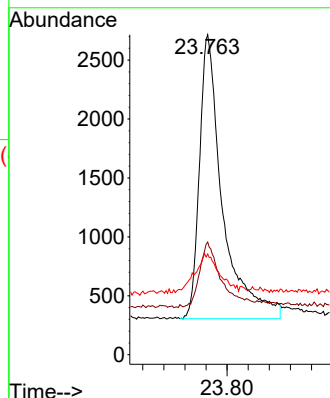
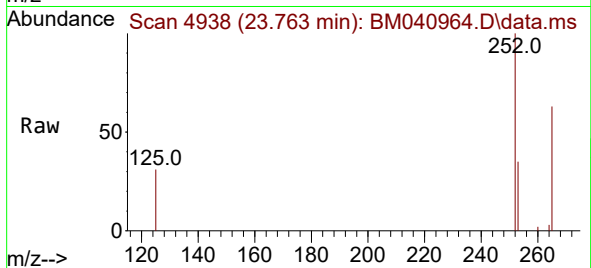
Tgt Ion:252 Resp: 7309

Ion Ratio Lower Upper

252 100

253 35.2 28.2 42.2

125 31.5 25.2 37.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.354 ng/ul

RT: 26.351 min Scan# 5764

Delta R.T. 0.000 min

Lab File: BM040964.D

Acq: 19 Jul 2023 20:14

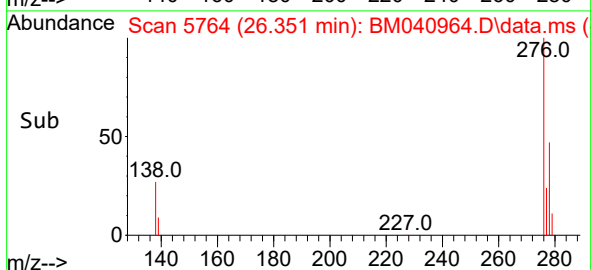
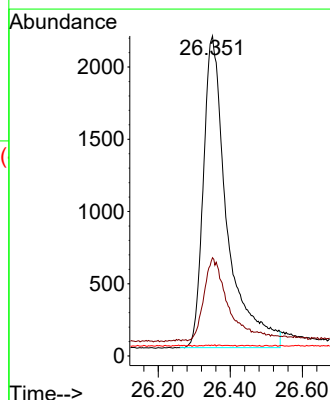
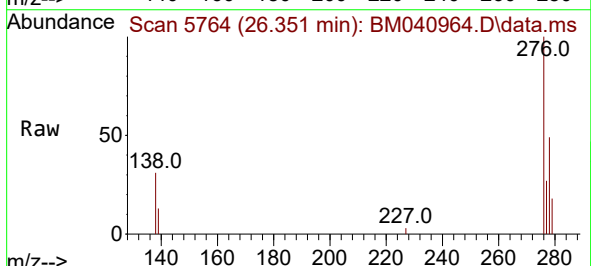
Tgt Ion:276 Resp: 9870

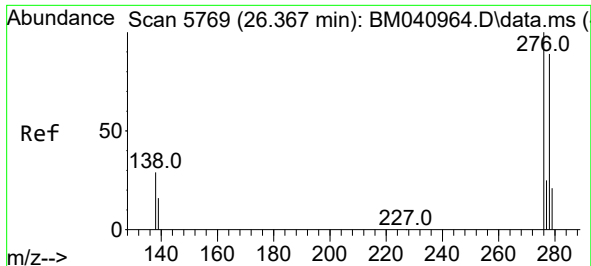
Ion Ratio Lower Upper

276 100

138 27.9 22.3 33.5

227 0.0 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.343 ng/ul

RT: 26.367 min Scan# 5

Delta R.T. 0.000 min

Lab File: BM040964.D

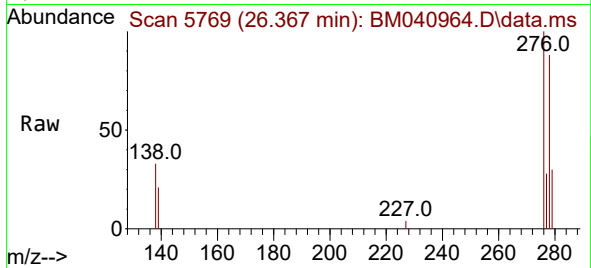
Acq: 19 Jul 2023 20:14

Instrument :

BNA_M

ClientSampleId :

SSTD0.4031



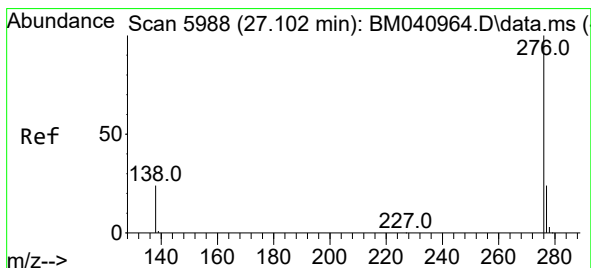
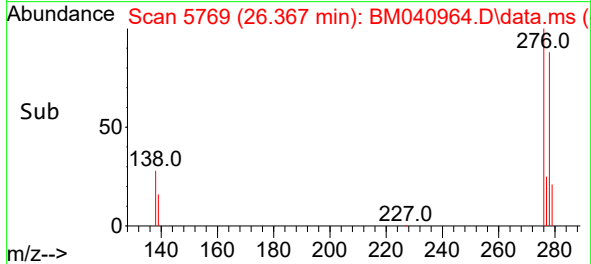
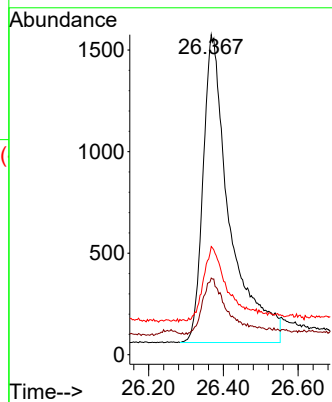
Tgt Ion:278 Resp: 7476

Ion Ratio Lower Upper

278 100

139 24.0 19.2 28.8

279 33.8 27.0 40.6



#29

Benzo(g,h,i)perylene

Concen: 0.381 ng/ul

RT: 27.102 min Scan# 5988

Delta R.T. 0.000 min

Lab File: BM040964.D

Acq: 19 Jul 2023 20:14

Tgt Ion:276 Resp: 9301

Ion Ratio Lower Upper

276 100

138 28.3 22.6 34.0

277 26.5 21.2 31.8

