

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
 Data File : BM040496.D
 Acq On : 01 Jul 2023 10:35
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4142

Quant Time: Jul 01 23:46:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 01 03:00:05 2023
 Response via : Initial Calibration

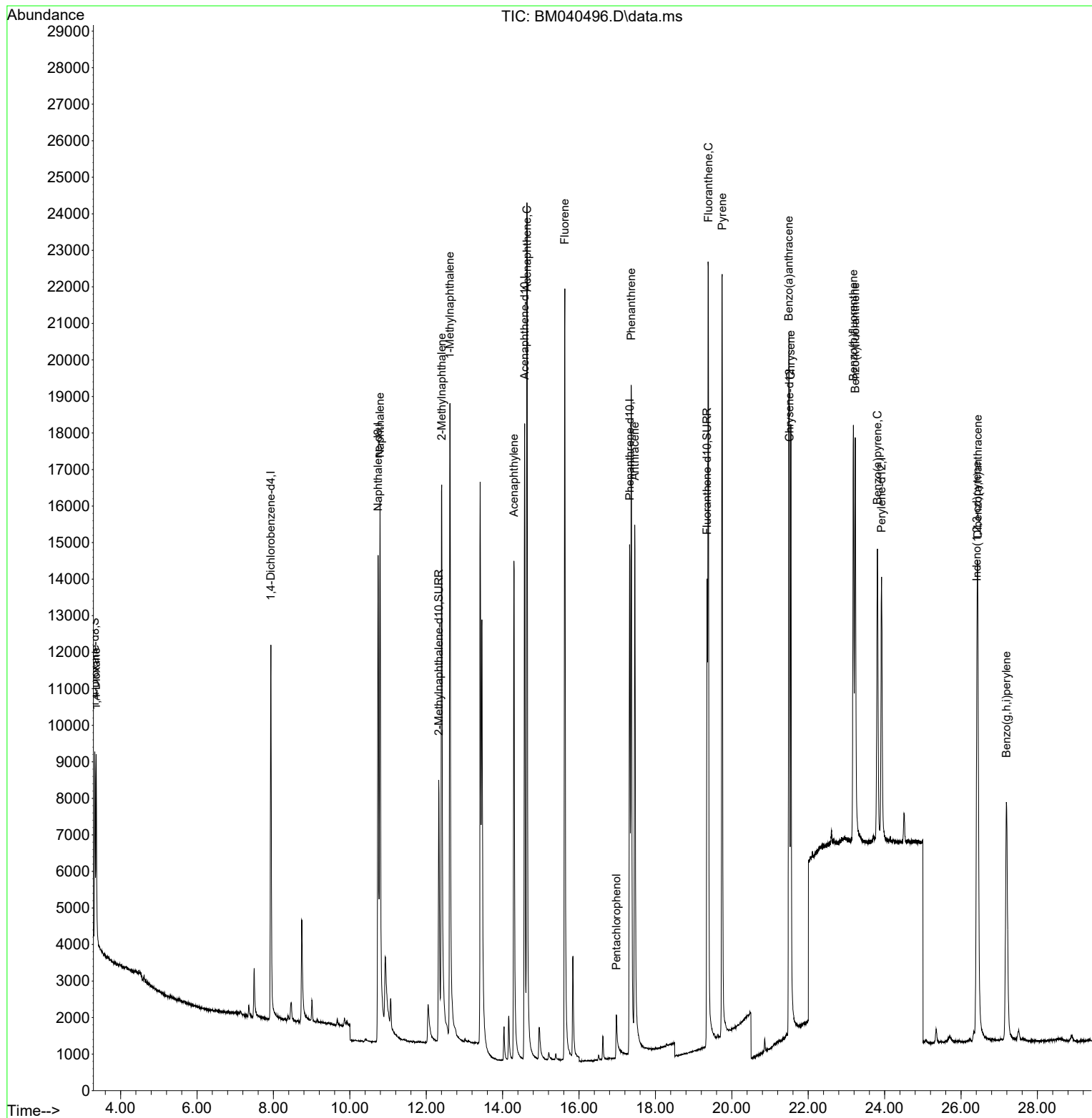
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.932	152	6149	0.400	ng/ul	0.00
4) Naphthalene-d8	10.740	136	23133	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.577	164	11342	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.324	188	20593	0.400	ng/ul	0.00
17) Chrysene-d12	21.509	240	11857	0.400	ng/ul	0.00
23) Perylene-d12	23.920	264	11460	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	3228	0.334	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.329	152	13075	0.403	ng/ul	0.00
18) Fluoranthene-d10	19.352	212	16935	0.446	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.359	88	3356	0.341	ng/ul#	83
5) Naphthalene	10.789	128	24575	0.385	ng/ul	99
7) 2-Methylnaphthalene	12.406	142	14840	0.396	ng/ul	99
8) 1-Methylnaphthalene	12.620	142	14509	0.387	ng/ul	100
10) Acenaphthylene	14.295	152	20158	0.398	ng/ul	99
11) Acenaphthene	14.637	153	16007	0.374	ng/ul	99
12) Fluorene	15.627	166	16935	0.371	ng/ul	99
14) Pentachlorophenol	16.978	266	1598	0.403	ng/ul	94
15) Phenanthrene	17.366	178	23289	0.364	ng/ul	99
16) Anthracene	17.459	178	20303	0.378	ng/ul	99
19) Fluoranthene	19.384	202	21668	0.430	ng/ul	97
20) Pyrene	19.747	202	22330	0.414	ng/ul	99
21) Benzo(a)anthracene	21.491	228	16438	0.410	ng/ul	99
22) Chrysene	21.544	228	16667	0.364	ng/ul	98
24) Benzo(b)fluoranthene	23.181	252	16093	0.363	ng/ul	91
25) Benzo(k)fluoranthene	23.230	252	15773	0.361	ng/ul#	91
26) Benzo(a)pyrene	23.812	252	14261	0.357	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	26.417	276	19029	0.342	ng/ul#	44
28) Dibenzo(a,h)anthracene	26.437	278	15114	0.347	ng/ul	97
29) Benzo(g,h,i)perylene	27.188	276	16177	0.332	ng/ul	99

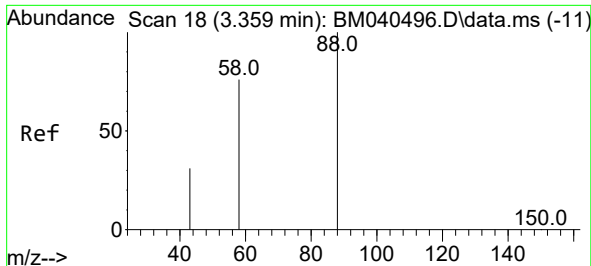
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
Data File : BM040496.D
Acq On : 01 Jul 2023 10:35
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4142

Quant Time: Jul 01 23:46:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 03:00:05 2023
Response via : Initial Calibration

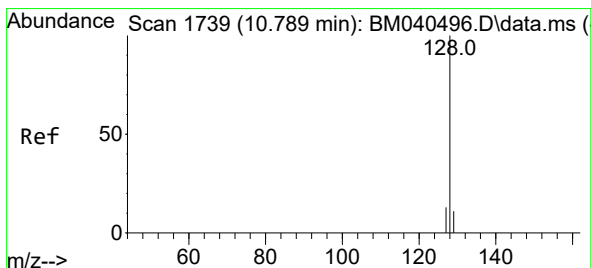
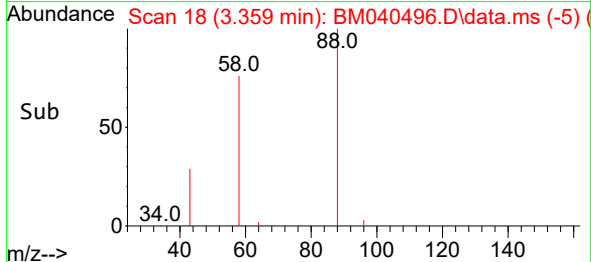
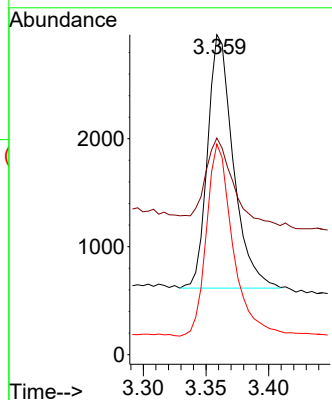
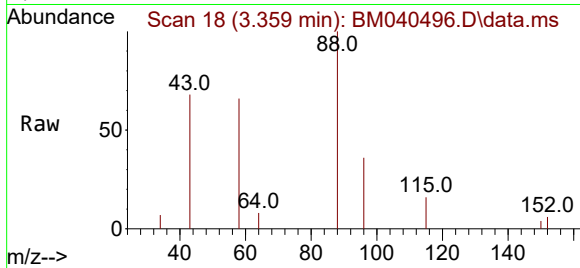




#2
1,4-Dioxane
Concen: 0.341 ng/ul
RT: 3.359 min Scan# 11
Delta R.T. -0.004 min
Lab File: BM040496.D
Acq: 01 Jul 2023 10:35

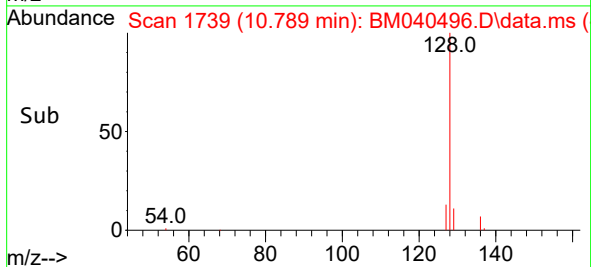
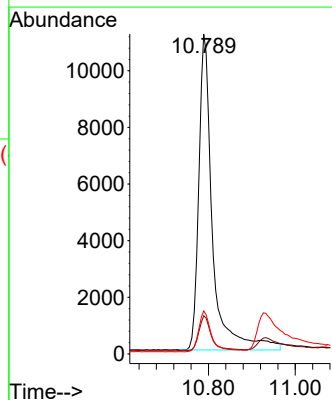
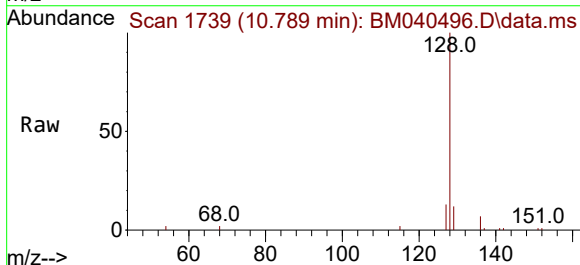
Instrument :
BNA_M
ClientSampleId :
SSTD0.4142

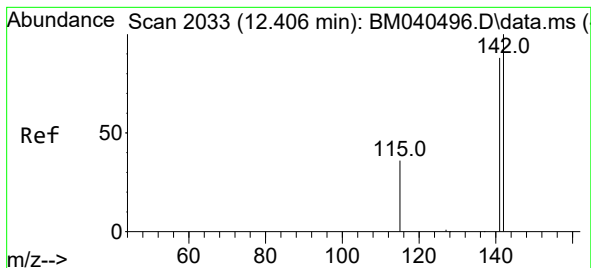
Tgt Ion: 88 Resp: 3356
Ion Ratio Lower Upper
88 100
43 67.7 36.1 54.1#
58 65.8 49.8 74.8



#5
Naphthalene
Concen: 0.385 ng/ul
RT: 10.789 min Scan# 1739
Delta R.T. -0.005 min
Lab File: BM040496.D
Acq: 01 Jul 2023 10:35

Tgt Ion: 128 Resp: 24575
Ion Ratio Lower Upper
128 100
129 12.0 9.2 13.8
127 13.4 10.6 15.8

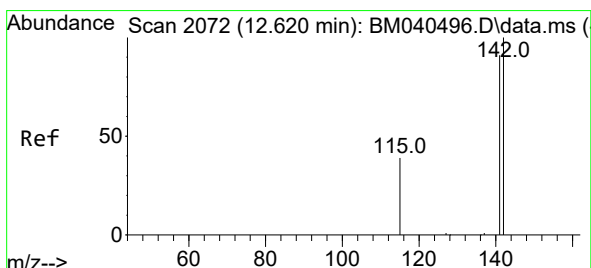
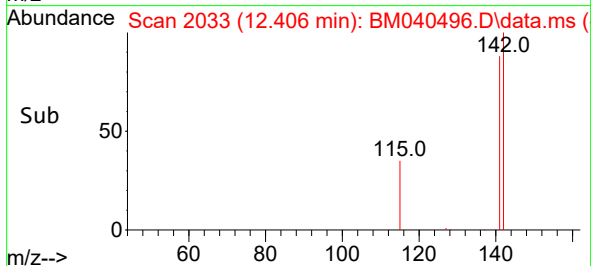
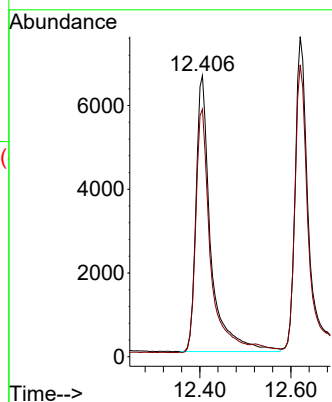
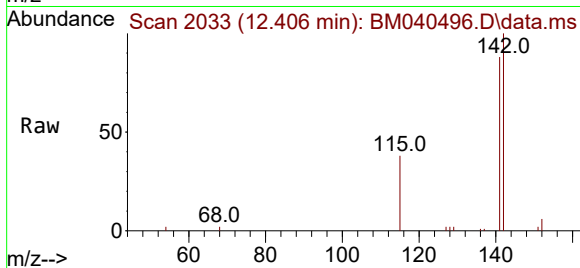




#7
2-Methylnaphthalene
Concen: 0.396 ng/ul
RT: 12.406 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BM040496.D
Acq: 01 Jul 2023 10:35

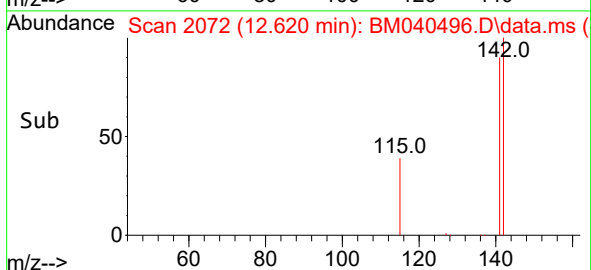
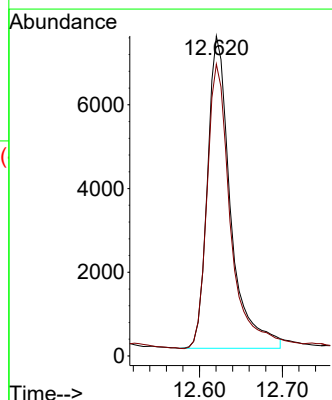
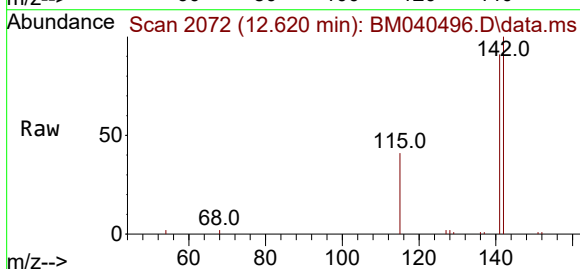
Instrument :
BNA_M
ClientSampleId :
SSTD0.4142

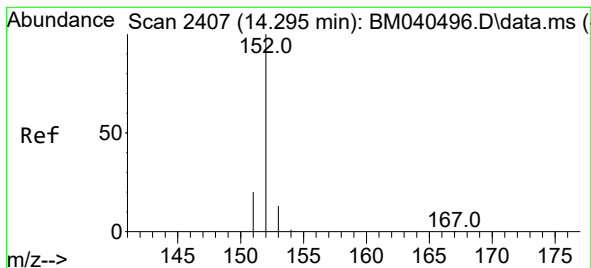
Tgt Ion:142 Resp: 14840
Ion Ratio Lower Upper
142 100
141 91.3 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.387 ng/ul
RT: 12.620 min Scan# 2072
Delta R.T. -0.005 min
Lab File: BM040496.D
Acq: 01 Jul 2023 10:35

Tgt Ion:142 Resp: 14509
Ion Ratio Lower Upper
142 100
141 92.4 73.7 110.5





#10

Acenaphthylene

Concen: 0.398 ng/ul

RT: 14.295 min Scan# 2407

Delta R.T. -0.004 min

Lab File: BM040496.D

Acq: 01 Jul 2023 10:35

Instrument :

BNA_M

ClientSampleId :

SSTD0.4142

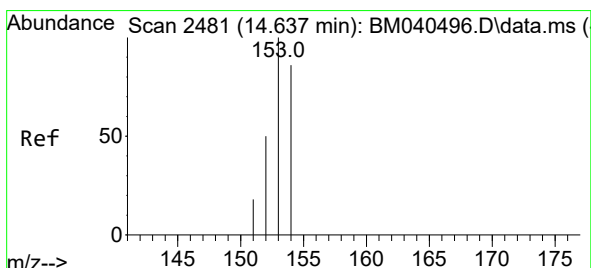
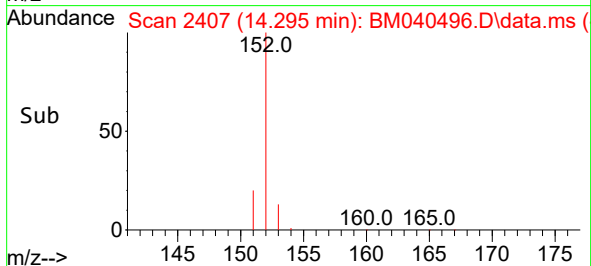
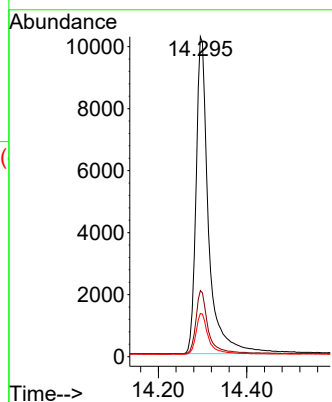
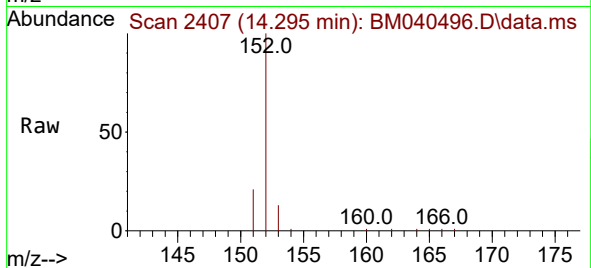
Tgt Ion:152 Resp: 20158

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.2

153 13.5 10.9 16.3



#11

Acenaphthene

Concen: 0.374 ng/ul

RT: 14.637 min Scan# 2481

Delta R.T. -0.004 min

Lab File: BM040496.D

Acq: 01 Jul 2023 10:35

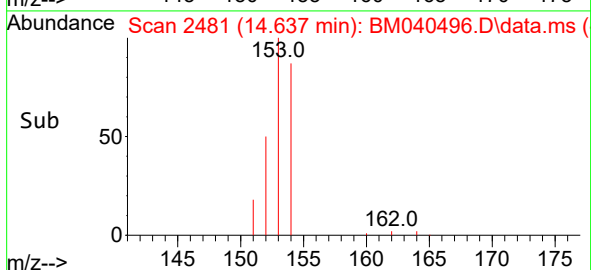
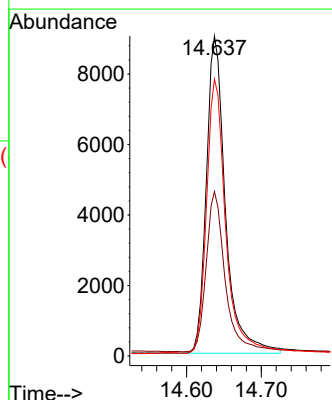
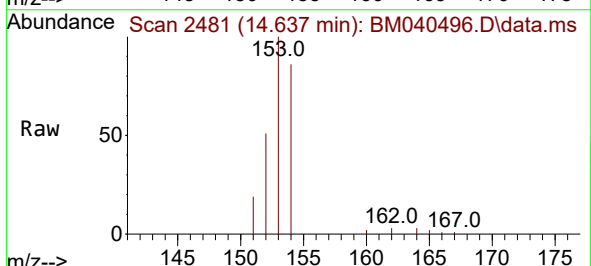
Tgt Ion:153 Resp: 16007

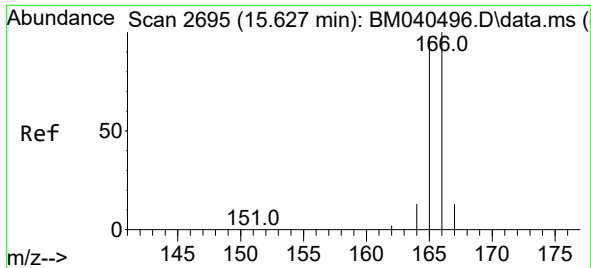
Ion Ratio Lower Upper

153 100

152 51.4 41.0 61.4

154 86.5 70.8 106.2

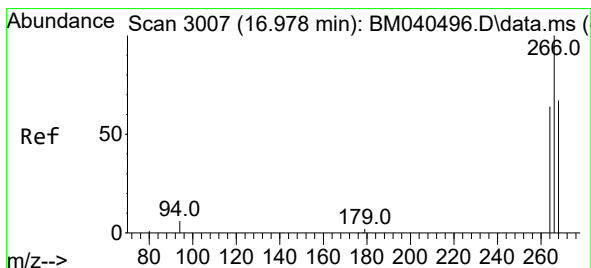
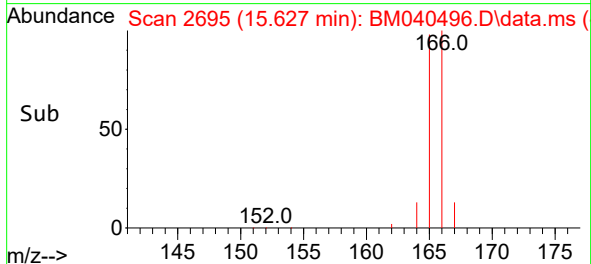
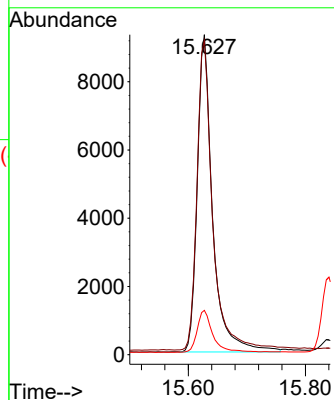
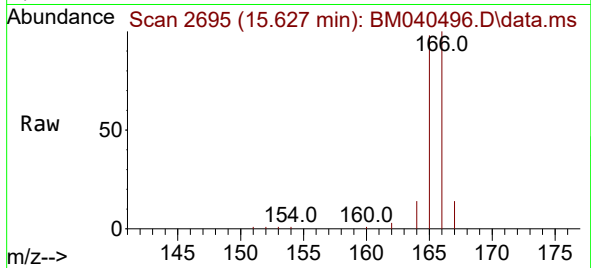




#12
 Fluorene
 Concen: 0.371 ng/ul
 RT: 15.627 min Scan# 2695
 Delta R.T. -0.004 min
 Lab File: BM040496.D
 Acq: 01 Jul 2023 10:35

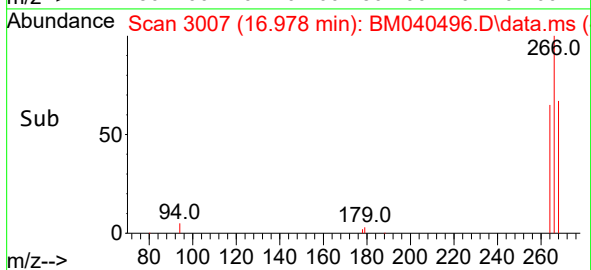
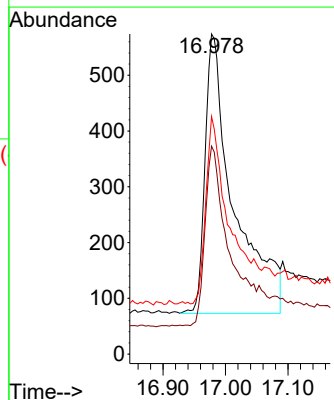
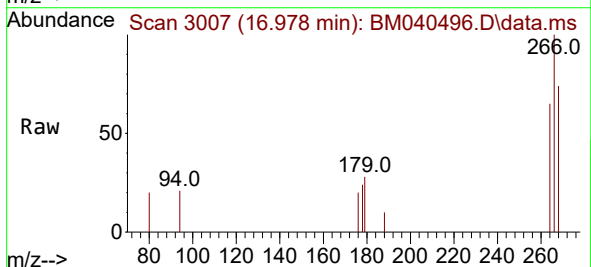
Instrument :
 BNA_M
 ClientSampleId :
 SST0.4142

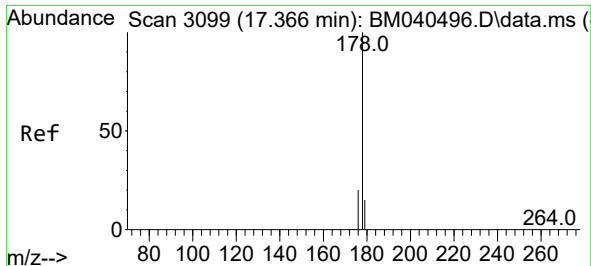
Tgt Ion:	166	Resp:	16935
Ion Ratio	Lower	Upper	
166	100		
165	98.2	79.6	119.4
167	13.9	11.4	17.0



#14
 Pentachlorophenol
 Concen: 0.403 ng/ul
 RT: 16.978 min Scan# 3007
 Delta R.T. -0.004 min
 Lab File: BM040496.D
 Acq: 01 Jul 2023 10:35

Tgt Ion:	266	Resp:	1598
Ion Ratio	Lower	Upper	
266	100		
264	61.3	45.4	68.0
268	63.0	47.2	70.8

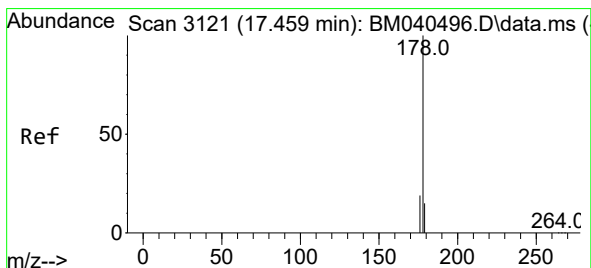
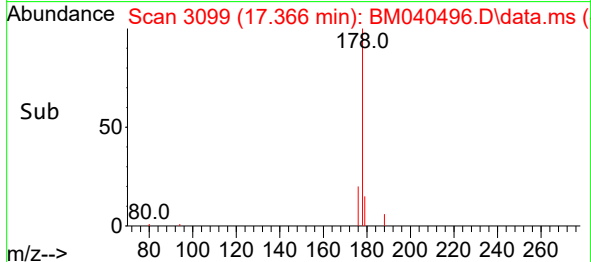
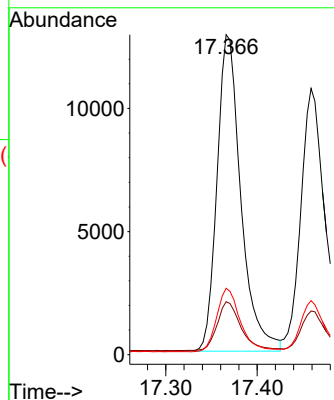
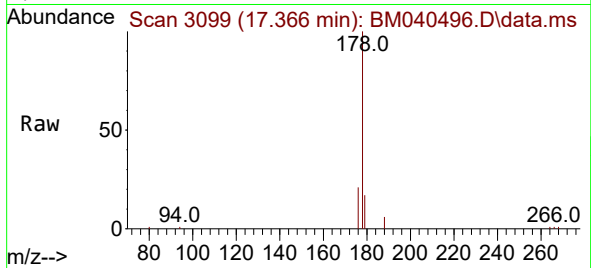




#15
Phenanthrene
Concen: 0.364 ng/ul
RT: 17.366 min Scan# 3099
Delta R.T. -0.004 min
Lab File: BM040496.D
Acq: 01 Jul 2023 10:35

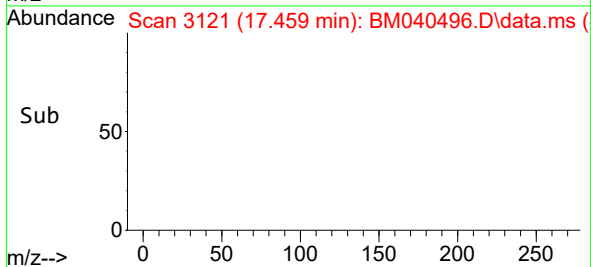
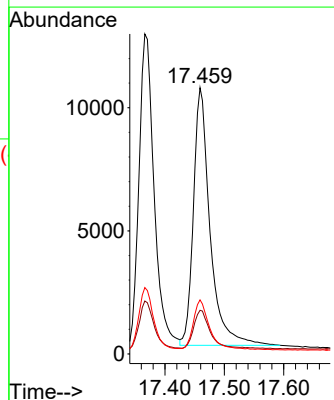
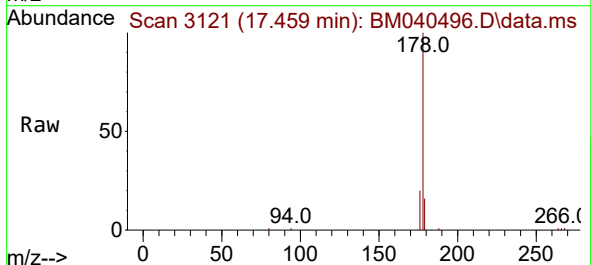
Instrument :
BNA_M
ClientSampleId :
SSTD0.4142

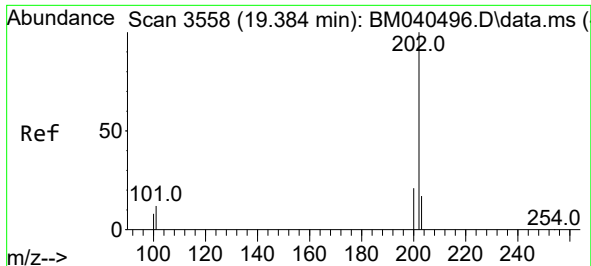
Tgt Ion:178 Resp: 23289
Ion Ratio Lower Upper
178 100
179 16.6 12.8 19.2
176 20.7 16.4 24.6



#16
Anthracene
Concen: 0.378 ng/ul
RT: 17.459 min Scan# 3121
Delta R.T. -0.004 min
Lab File: BM040496.D
Acq: 01 Jul 2023 10:35

Tgt Ion:178 Resp: 20303
Ion Ratio Lower Upper
178 100
179 16.4 12.9 19.3
176 20.3 15.8 23.6

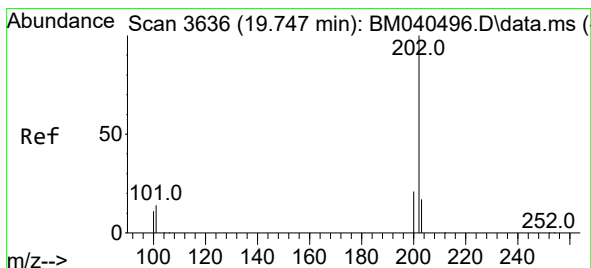
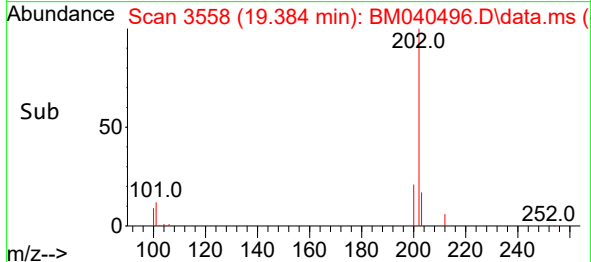
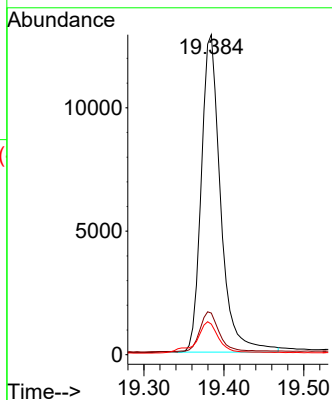
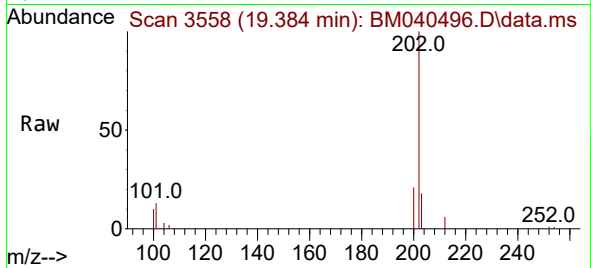




#19
Fluoranthene
Concen: 0.430 ng/ul
RT: 19.384 min Scan# 3558
Delta R.T. 0.000 min
Lab File: BM040496.D
Acq: 01 Jul 2023 10:35

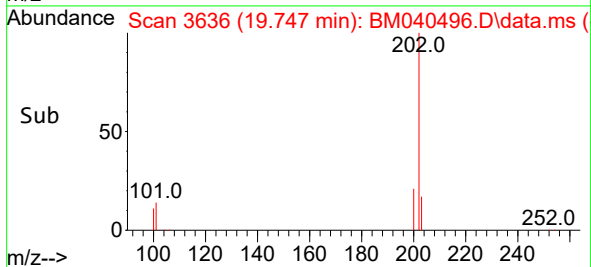
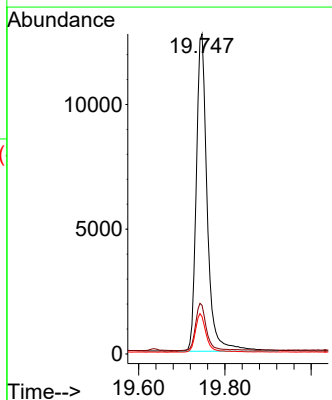
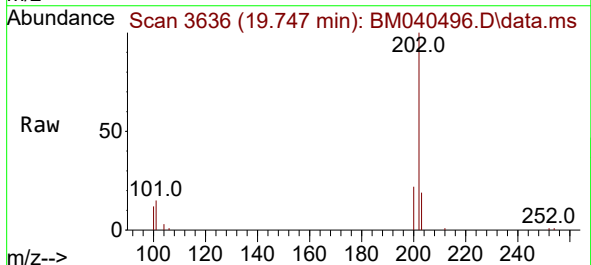
Instrument :
BNA_M
ClientSampleId :
SSTD0.4142

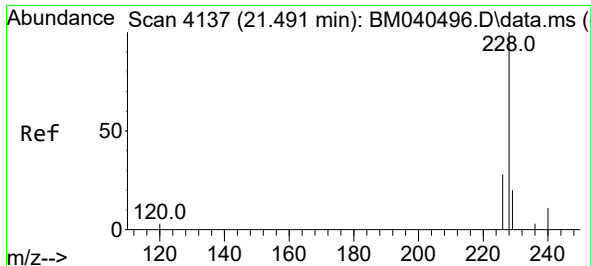
Tgt Ion:202 Resp: 21668
Ion Ratio Lower Upper
202 100
101 13.0 11.4 17.0
100 9.6 8.7 13.1



#20
Pyrene
Concen: 0.414 ng/ul
RT: 19.747 min Scan# 3636
Delta R.T. 0.000 min
Lab File: BM040496.D
Acq: 01 Jul 2023 10:35

Tgt Ion:202 Resp: 22330
Ion Ratio Lower Upper
202 100
101 15.2 12.6 18.8
100 11.6 9.8 14.6

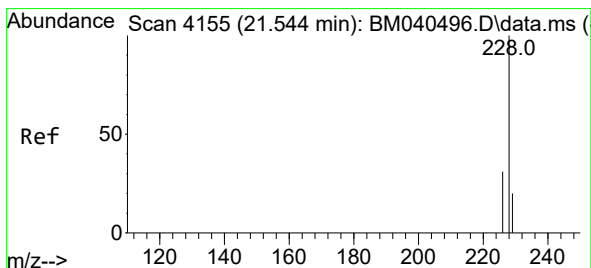
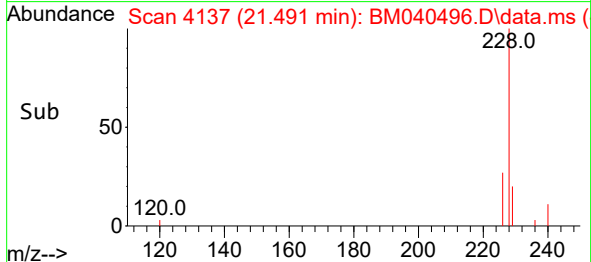
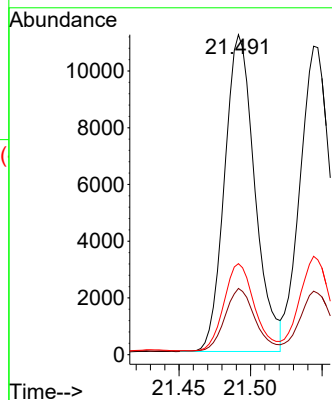
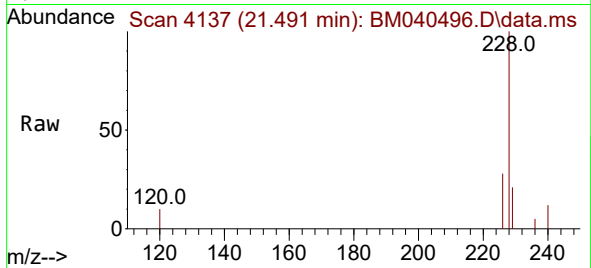




#21
Benzo(a)anthracene
Concen: 0.410 ng/ul
RT: 21.491 min Scan# 4137
Delta R.T. 0.000 min
Lab File: BM040496.D
Acq: 01 Jul 2023 10:35

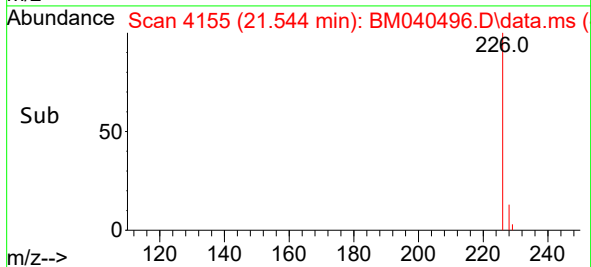
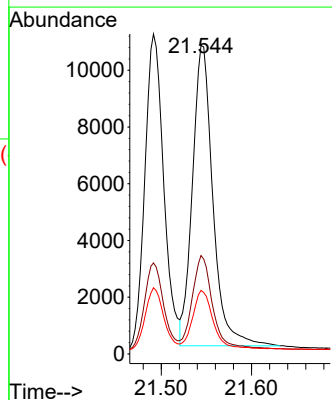
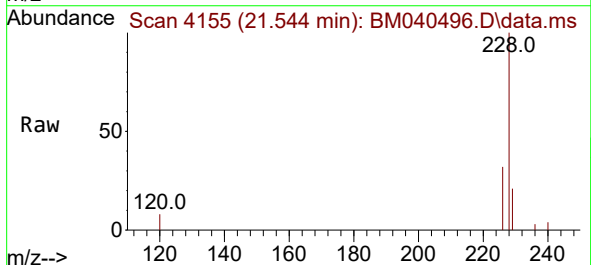
Instrument :
BNA_M
ClientSampleId :
SSTD0.4142

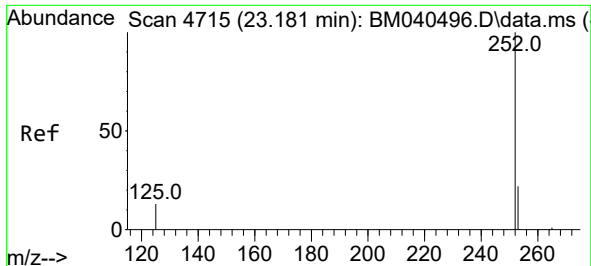
Tgt Ion:228 Resp: 16438
Ion Ratio Lower Upper
228 100
229 20.7 16.0 24.0
226 28.5 22.3 33.5



#22
Chrysene
Concen: 0.364 ng/ul
RT: 21.544 min Scan# 4155
Delta R.T. 0.000 min
Lab File: BM040496.D
Acq: 01 Jul 2023 10:35

Tgt Ion:228 Resp: 16667
Ion Ratio Lower Upper
228 100
226 31.9 24.9 37.3
229 20.6 15.8 23.6

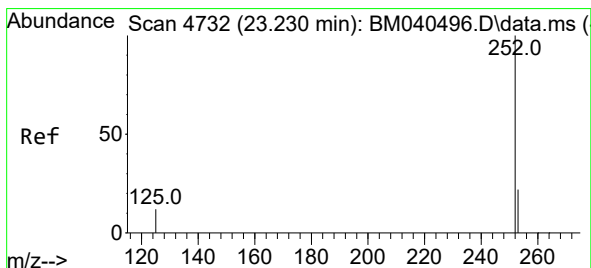
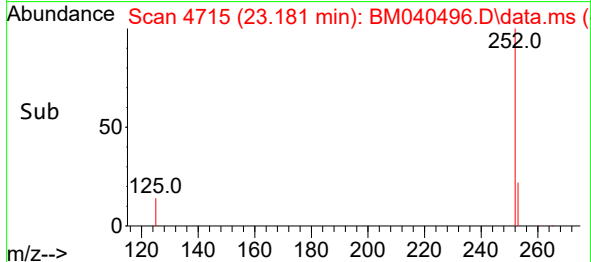
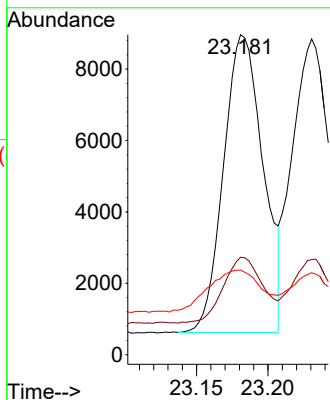
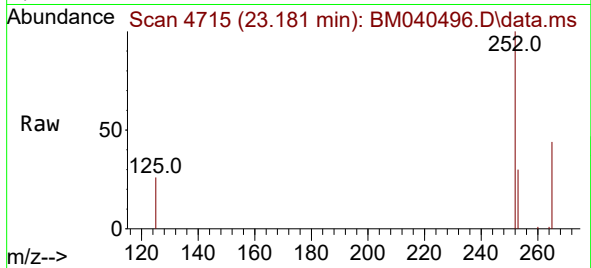




#24
Benzo(b)fluoranthene
Concen: 0.363 ng/ul
RT: 23.181 min Scan# 4715
Delta R.T. 0.000 min
Lab File: BM040496.D
Acq: 01 Jul 2023 10:35

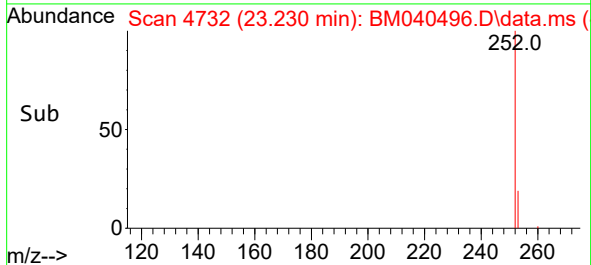
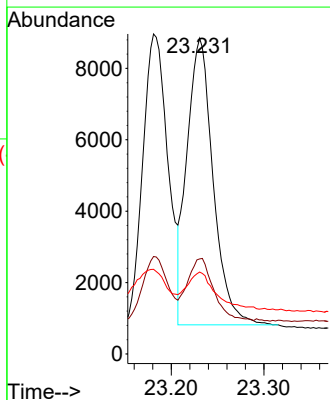
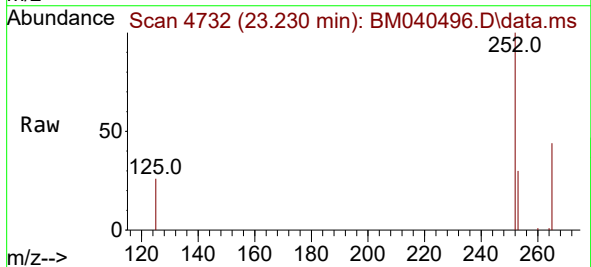
Instrument :
BNA_M
ClientSampleId :
SSTD0.4142

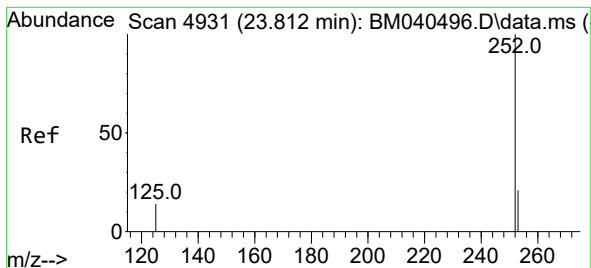
Tgt Ion:252	Resp:	16093
Ion Ratio	Lower	Upper
252	100	
253	30.4	0.0 52.8
125	26.4	0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.361 ng/ul
RT: 23.230 min Scan# 4732
Delta R.T. 0.003 min
Lab File: BM040496.D
Acq: 01 Jul 2023 10:35

Tgt Ion:252	Resp:	15773
Ion Ratio	Lower	Upper
252	100	
253	30.1	21.2 31.8
125	25.9	16.4 24.6





#26

Benzo(a)pyrene

Concen: 0.357 ng/ul

RT: 23.812 min Scan# 4931

Delta R.T. 0.000 min

Lab File: BM040496.D

Acq: 01 Jul 2023 10:35

Instrument :

BNA_M

ClientSampleId :

SSTD0.4142

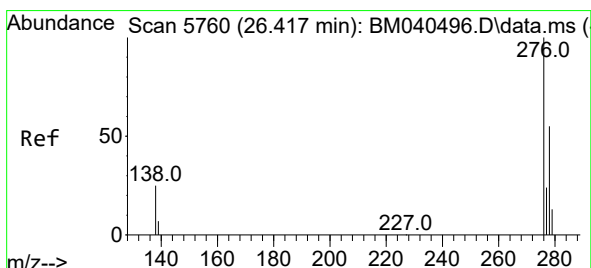
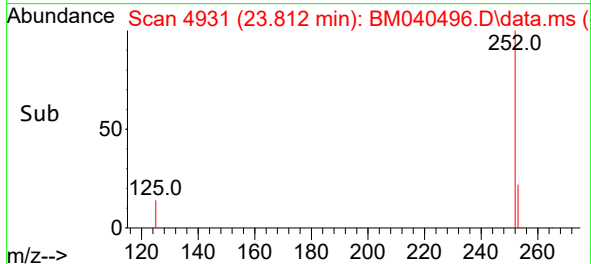
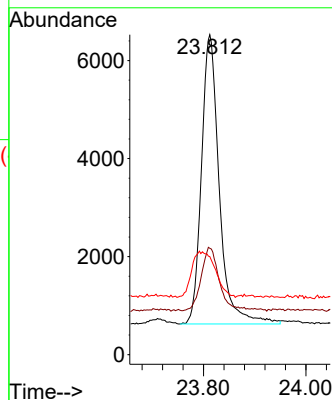
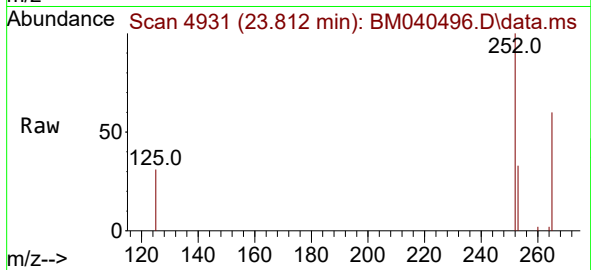
Tgt Ion:252 Resp: 14261

Ion Ratio Lower Upper

252 100

253 33.3 22.9 34.3

125 30.7 21.0 31.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.342 ng/ul

RT: 26.417 min Scan# 5760

Delta R.T. -0.003 min

Lab File: BM040496.D

Acq: 01 Jul 2023 10:35

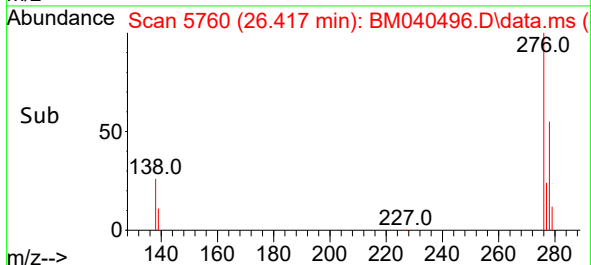
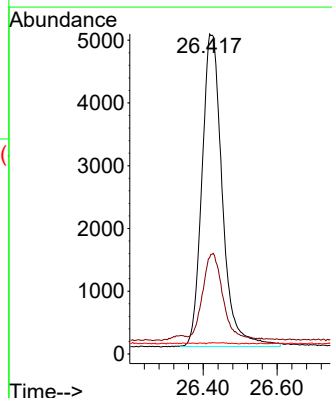
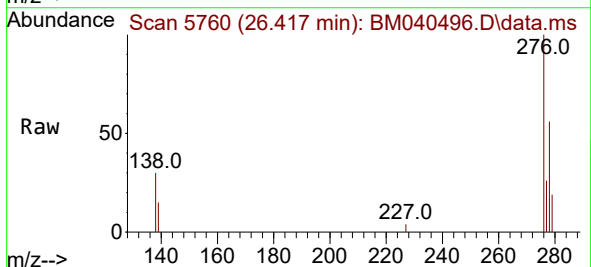
Tgt Ion:276 Resp: 19029

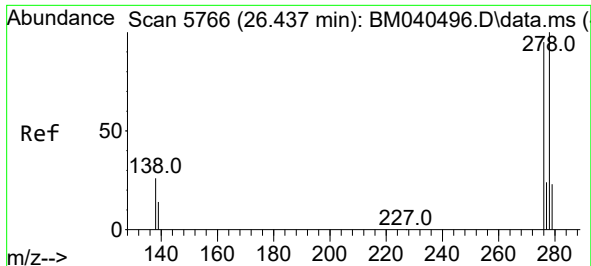
Ion Ratio Lower Upper

276 100

138 0.0 24.5 36.7#

227 0.1 0.1 0.1#

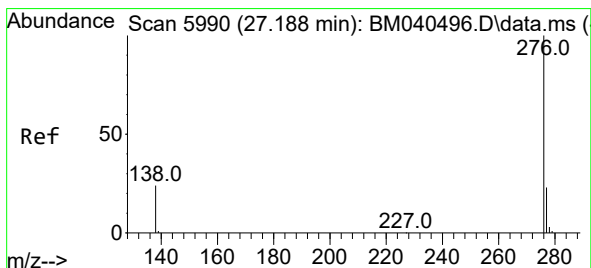
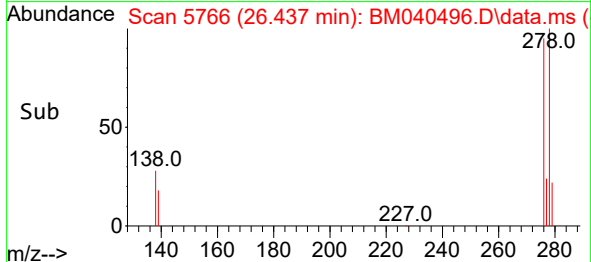
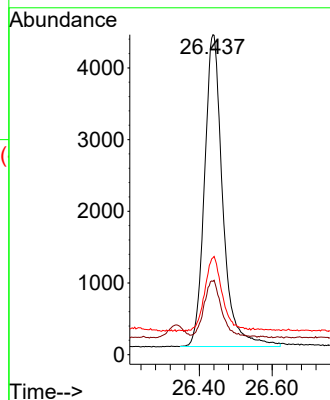
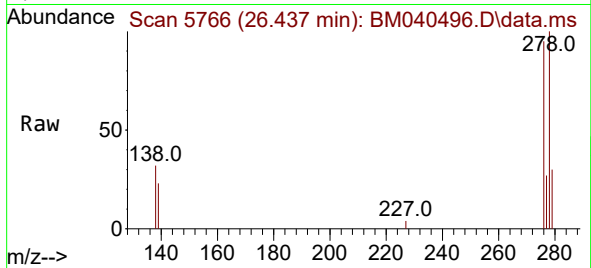




#28
Dibenzo(a,h)anthracene
Concen: 0.347 ng/ul
RT: 26.437 min Scan# 5766
Delta R.T. 0.000 min
Lab File: BM040496.D
Acq: 01 Jul 2023 10:35

Instrument :
BNA_M
ClientSampleId :
SSTD0.4142

Tgt Ion:278 Resp: 15114
Ion Ratio Lower Upper
278 100
139 22.9 17.9 26.9
279 30.3 22.0 33.0



#29
Benzo(g,h,i)perylene
Concen: 0.332 ng/ul
RT: 27.188 min Scan# 5990
Delta R.T. 0.004 min
Lab File: BM040496.D
Acq: 01 Jul 2023 10:35

Tgt Ion:276 Resp: 16177
Ion Ratio Lower Upper
276 100
138 28.8 23.0 34.6
277 26.4 20.3 30.5

