

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040424\
 Data File : BM044896.D
 Acq On : 03 Apr 2024 18:13
 Operator : MA/JU
 Sample : SST0.115
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.1022

Quant Time: Apr 03 23:26:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 03 23:24:21 2024
 Response via : Initial Calibration

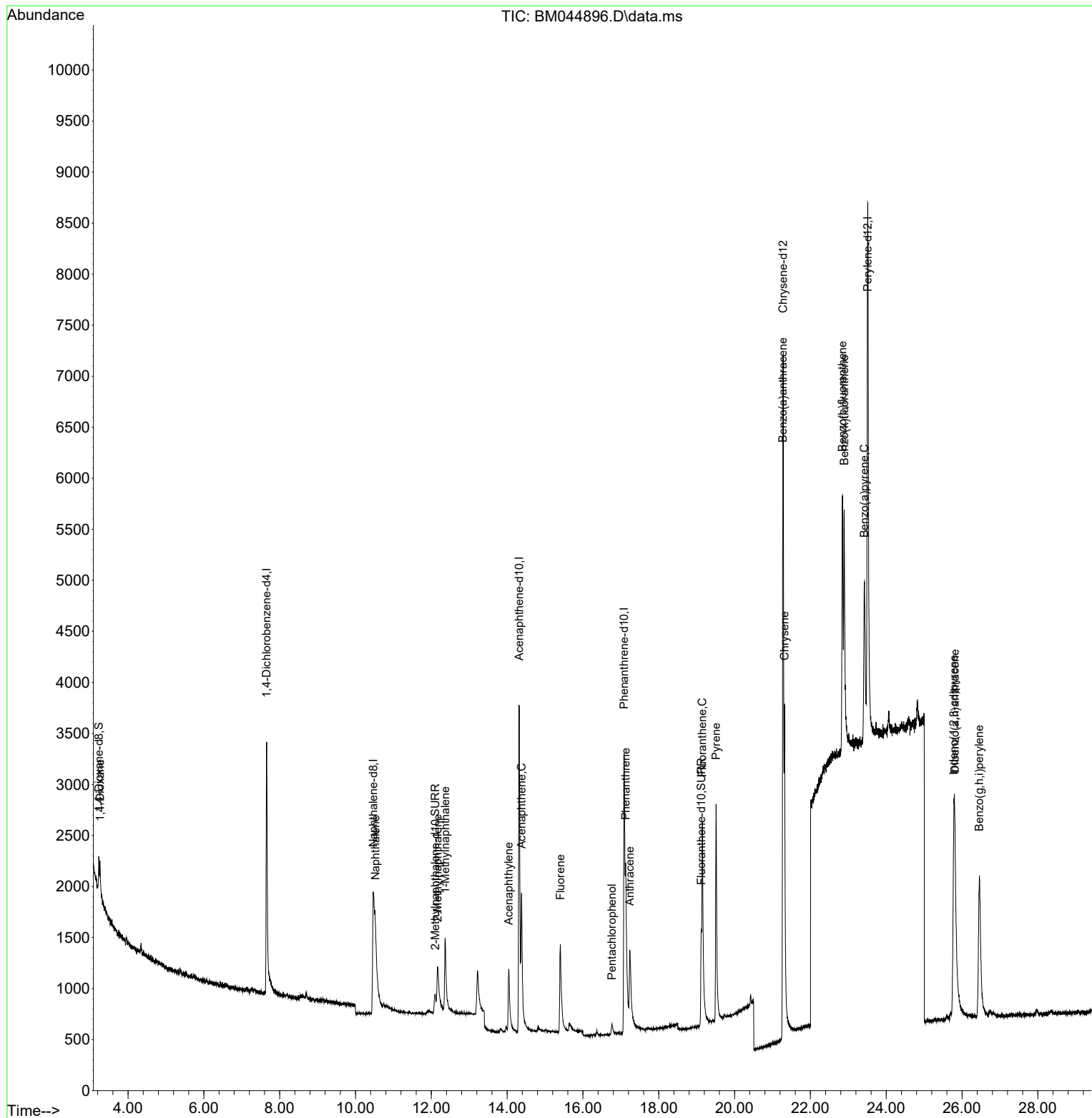
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.656	152	1961	0.400	ng/ul	0.00
4) Naphthalene-d8	10.468	136	5123	0.400	ng/ul #	0.03
9) Acenaphthene-d10	14.316	164	2832	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.085	188	6662	0.400	ng/ul	0.02
17) Chrysene-d12	21.281	240	7157	0.400	ng/ul	0.00
23) Perylene-d12	23.511	264	9147	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.230	96	263	0.102	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.101	152	677	0.092	ng/ul	0.05
18) Fluoranthene-d10	19.122	212	1780	0.071	ng/ul	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.264	88	290	0.110	ng/ul#	82
5) Naphthalene	10.528	128	1379	0.096	ng/ul#	69
7) 2-Methylnaphthalene	12.167	142	764	0.084	ng/ul	96
8) 1-Methylnaphthalene	12.365	142	875	0.095	ng/ul	98
10) Acenaphthylene	14.043	152	1479	0.103	ng/ul#	84
11) Acenaphthene	14.381	153	1018	0.098	ng/ul	95
12) Fluorene	15.403	166	1156	0.097	ng/ul#	95
14) Pentachlorophenol	16.764	266	121	0.075	ng/ul#	82
15) Phenanthrene	17.127	178	1899	0.095	ng/ul#	87
16) Anthracene	17.237	178	1974	0.105	ng/ul#	82
19) Fluoranthene	19.150	202	2687	0.077	ng/ul#	91
20) Pyrene	19.512	202	2862	0.080	ng/ul#	92
21) Benzo(a)anthracene	21.272	228	2543	0.093	ng/ul	95
22) Chrysene	21.319	228	3578	0.117	ng/ul	95
24) Benzo(b)fluoranthene	22.844	252	3657	0.105	ng/ul	69
25) Benzo(k)fluoranthene	22.891	252	3958	0.105	ng/ul#	67
26) Benzo(a)pyrene	23.423	252	3335	0.105	ng/ul#	54
27) Indeno(1,2,3-cd)pyrene	25.779	276	4548	0.125	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.809	278	3561	0.127	ng/ul#	76
29) Benzo(g,h,i)perylene	26.457	276	4004	0.125	ng/ul#	85

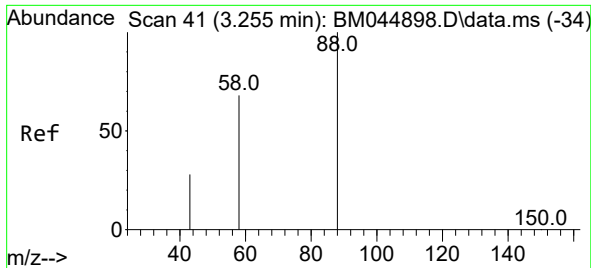
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040424\
Data File : BM044896.D
Acq On : 03 Apr 2024 18:13
Operator : MA/JU
Sample : SST0.115
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.1022

Quant Time: Apr 03 23:26:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 03 23:24:21 2024
Response via : Initial Calibration

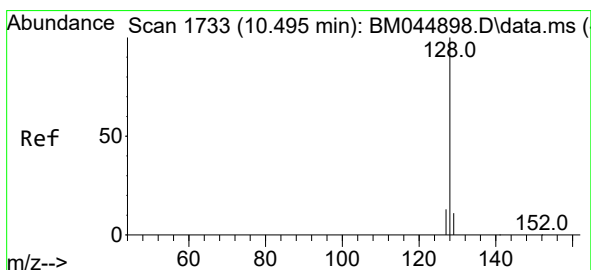
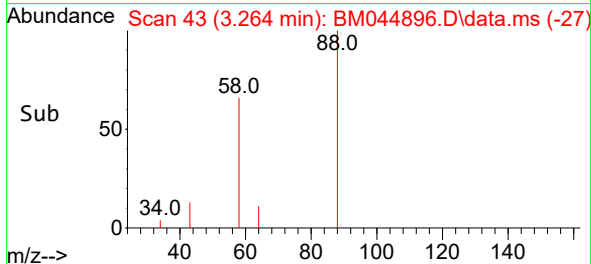
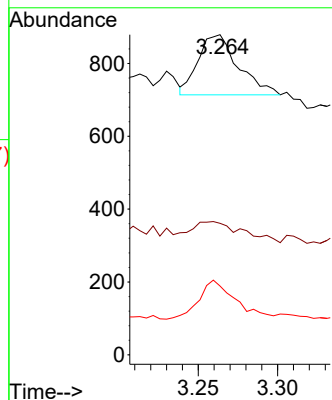
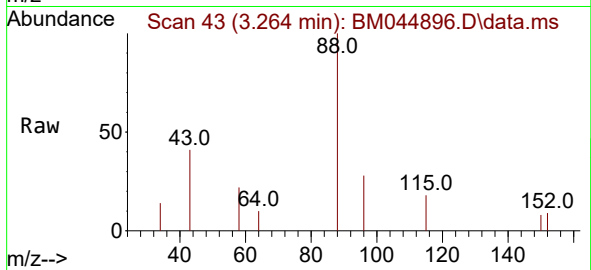




#2
1,4-Dioxane
Concen: 0.110 ng/ul
RT: 3.264 min Scan# 41
Delta R.T. 0.008 min
Lab File: BM044896.D
Acq: 03 Apr 2024 18:13

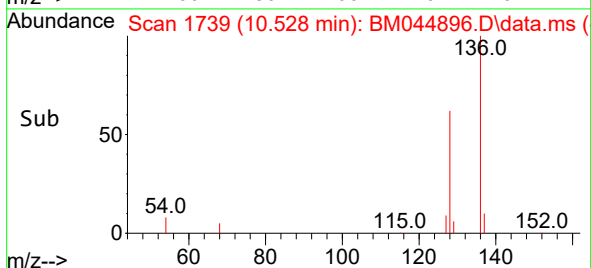
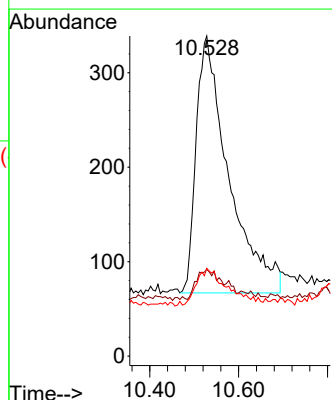
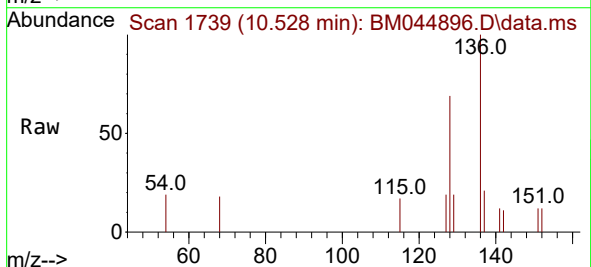
Instrument :
BNA_M
ClientSampleId :
SSTD0.1022

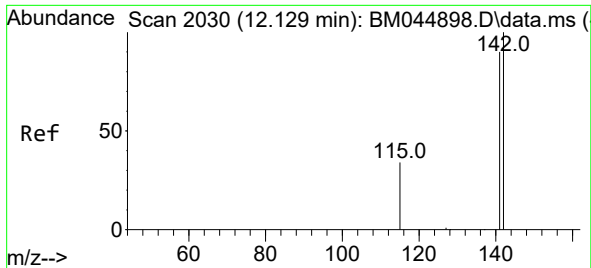
Tgt Ion: 88 Resp: 290
Ion Ratio Lower Upper
88 100
43 41.1 30.6 46.0
58 21.5 32.6 48.8#



#5
Naphthalene
Concen: 0.096 ng/ul
RT: 10.528 min Scan# 1739
Delta R.T. 0.033 min
Lab File: BM044896.D
Acq: 03 Apr 2024 18:13

Tgt Ion: 128 Resp: 1379
Ion Ratio Lower Upper
128 100
129 27.1 11.3 16.9#
127 27.4 11.9 17.9#

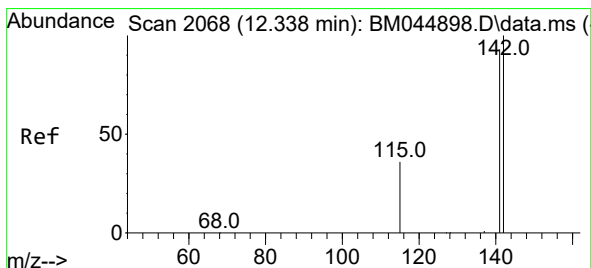
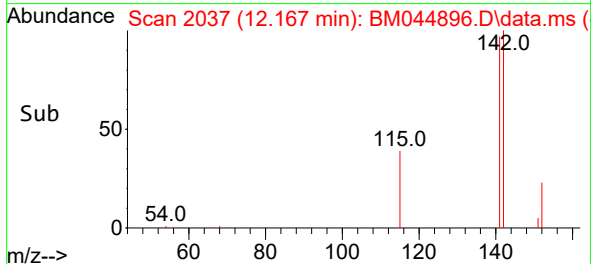
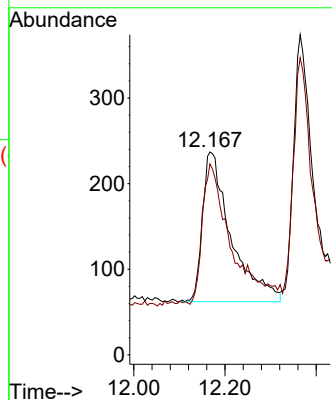
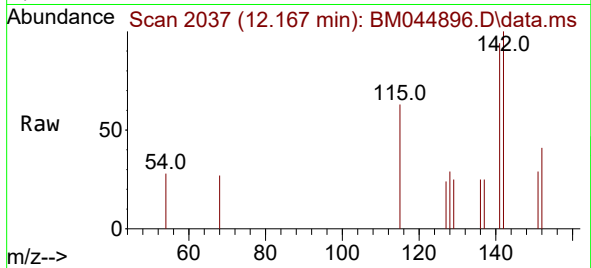




#7
2-Methylnaphthalene
Concen: 0.084 ng/ul
RT: 12.167 min Scan# 2037
Delta R.T. 0.038 min
Lab File: BM044896.D
Acq: 03 Apr 2024 18:13

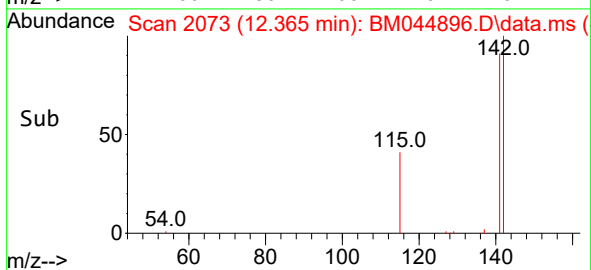
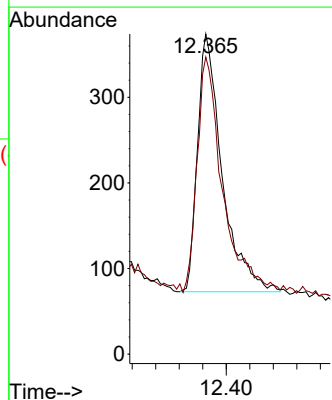
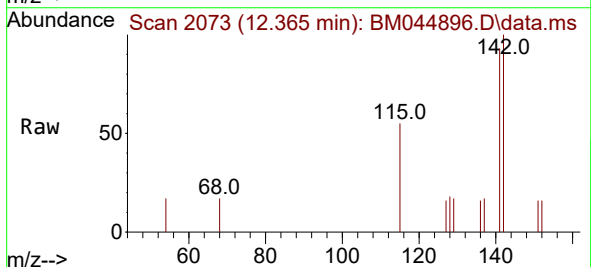
Instrument :
BNA_M
ClientSampleId :
SSTD0.1022

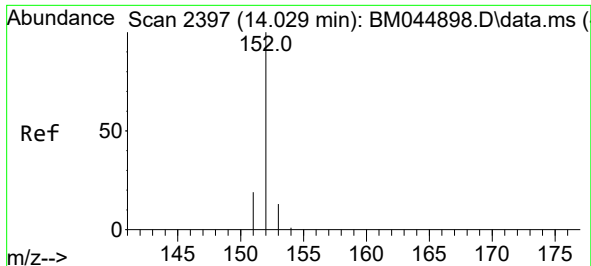
Tgt Ion:142 Resp: 764
Ion Ratio Lower Upper
142 100
141 96.1 73.8 110.8



#8
1-Methylnaphthalene
Concen: 0.095 ng/ul
RT: 12.365 min Scan# 2073
Delta R.T. 0.027 min
Lab File: BM044896.D
Acq: 03 Apr 2024 18:13

Tgt Ion:142 Resp: 875
Ion Ratio Lower Upper
142 100
141 94.3 74.2 111.2

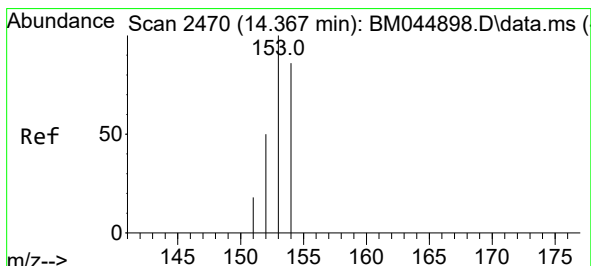
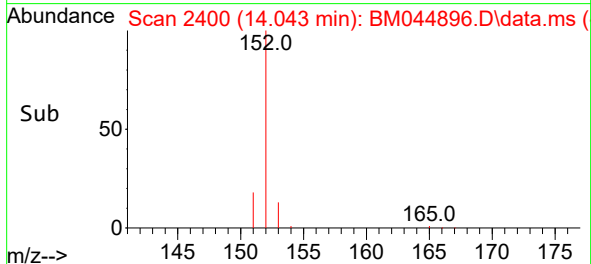
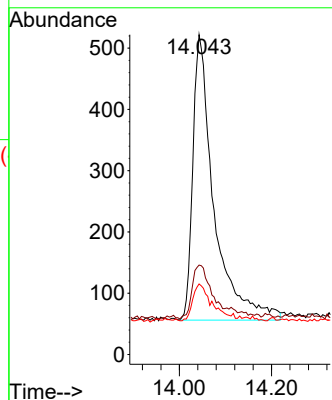
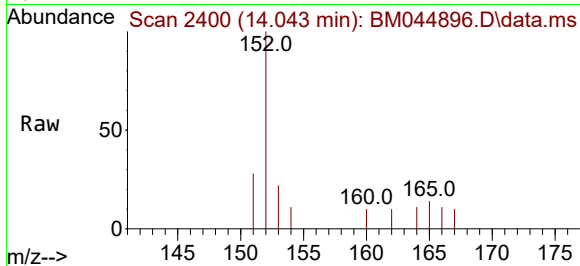




#10
Acenaphthylene
Concen: 0.103 ng/ul
RT: 14.043 min Scan# 2400
Delta R.T. 0.014 min
Lab File: BM044896.D
Acq: 03 Apr 2024 18:13

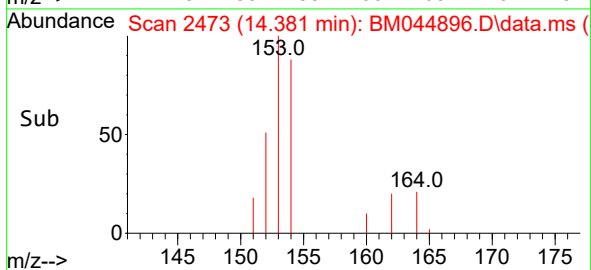
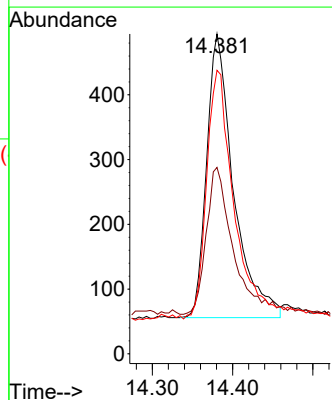
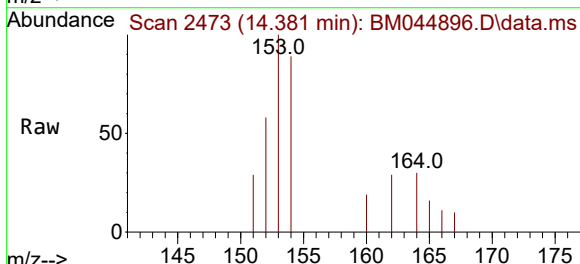
Instrument :
BNA_M
ClientSampleId :
SSTD0.1022

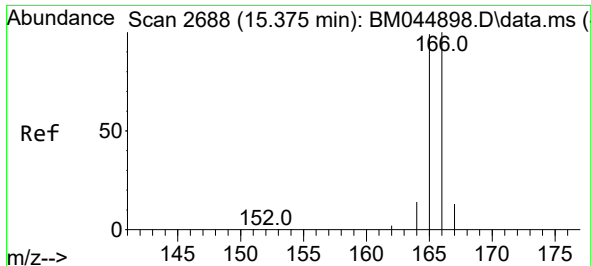
Tgt Ion:152 Resp: 1479
Ion Ratio Lower Upper
152 100
151 28.0 17.0 25.4#
153 22.0 11.9 17.9#



#11
Acenaphthene
Concen: 0.098 ng/ul
RT: 14.381 min Scan# 2473
Delta R.T. 0.014 min
Lab File: BM044896.D
Acq: 03 Apr 2024 18:13

Tgt Ion:153 Resp: 1018
Ion Ratio Lower Upper
153 100
152 58.3 41.2 61.8
154 88.7 69.4 104.0

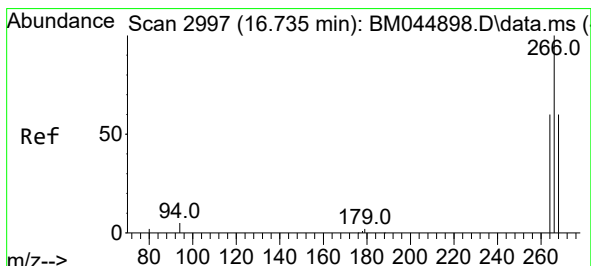
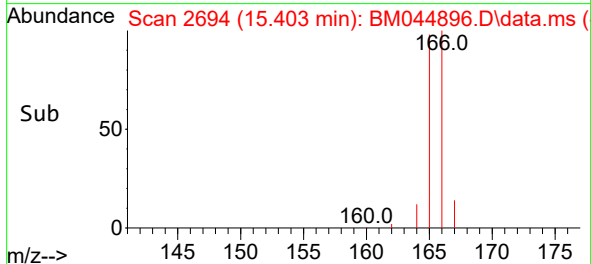
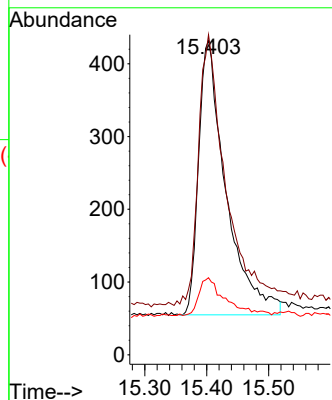
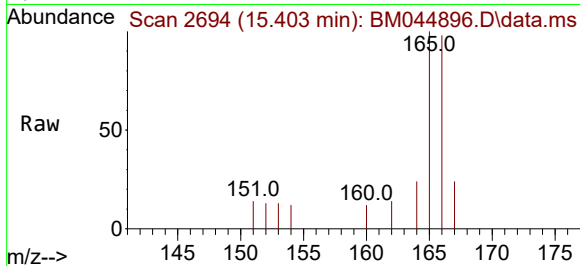




#12
Fluorene
Concen: 0.097 ng/ul
RT: 15.403 min Scan# 2
Delta R.T. 0.028 min
Lab File: BM044896.D
Acq: 03 Apr 2024 18:13

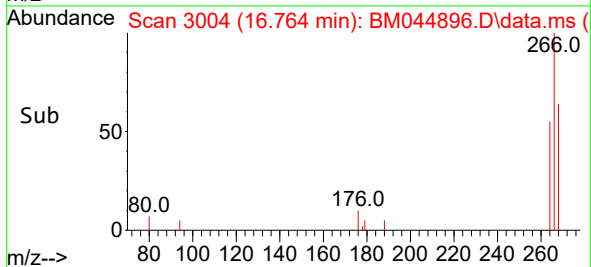
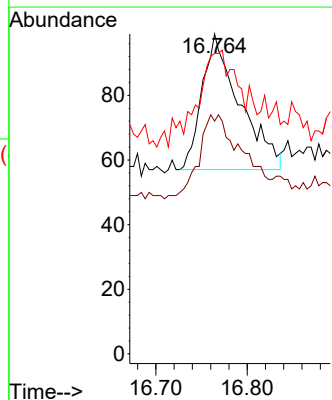
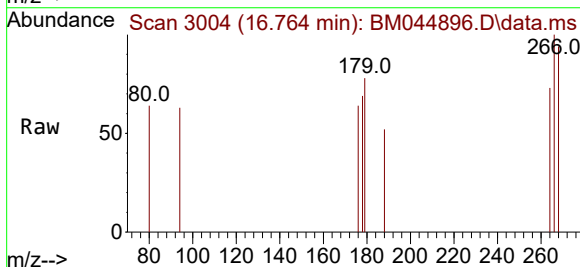
Instrument :
BNA_M
ClientSampleId :
SSTD0.1022

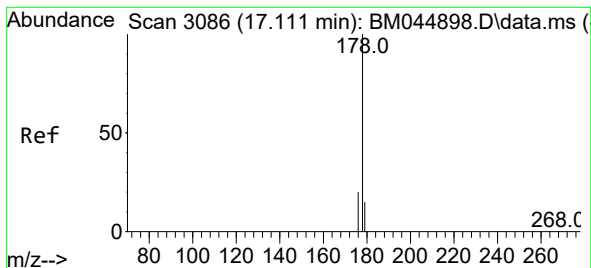
Tgt Ion:166 Resp: 1156
Ion Ratio Lower Upper
166 100
165 101.9 79.9 119.9
167 24.5 12.2 18.2#



#14
Pentachlorophenol
Concen: 0.075 ng/ul
RT: 16.764 min Scan# 3004
Delta R.T. 0.029 min
Lab File: BM044896.D
Acq: 03 Apr 2024 18:13

Tgt Ion:266 Resp: 121
Ion Ratio Lower Upper
266 100
264 80.2 48.3 72.5#
268 74.4 52.6 79.0





#15

Phenanthrene

Concen: 0.095 ng/ul

RT: 17.127 min Scan# 3086

Delta R.T. 0.017 min

Lab File: BM044896.D

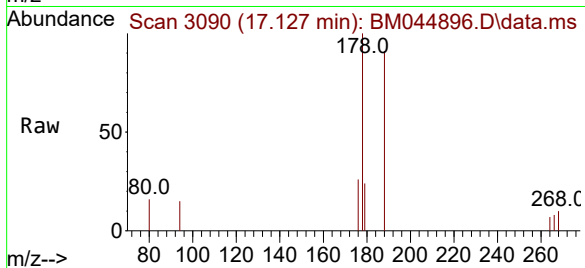
Acq: 03 Apr 2024 18:13

Instrument :

BNA_M

ClientSampleId :

SSTD0.1022



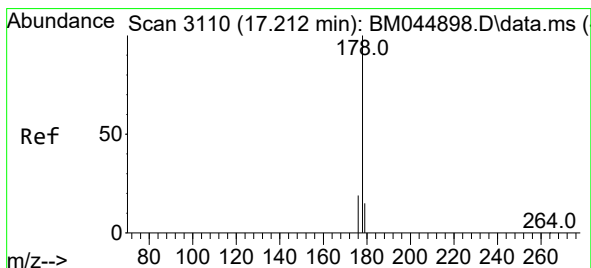
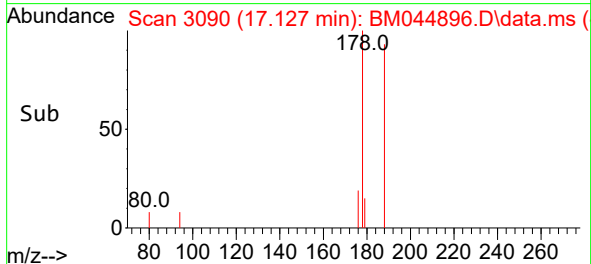
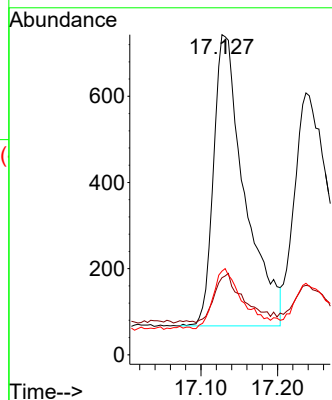
Tgt Ion:178 Resp: 1899

Ion Ratio Lower Upper

178 100

179 24.1 13.7 20.5#

176 26.1 17.0 25.4#



#16

Anthracene

Concen: 0.105 ng/ul

RT: 17.237 min Scan# 3116

Delta R.T. 0.025 min

Lab File: BM044896.D

Acq: 03 Apr 2024 18:13

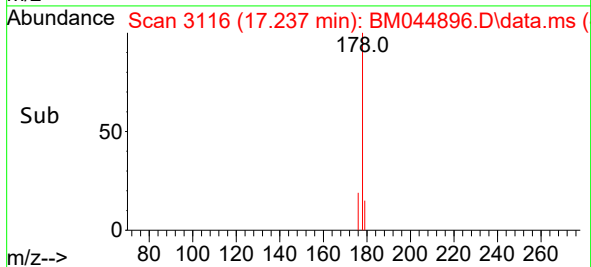
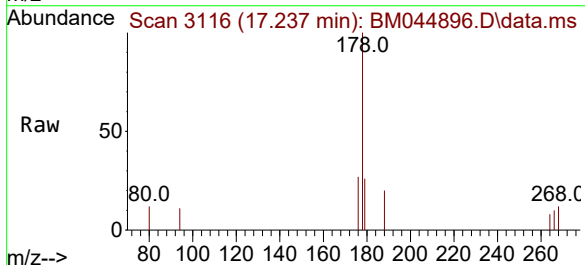
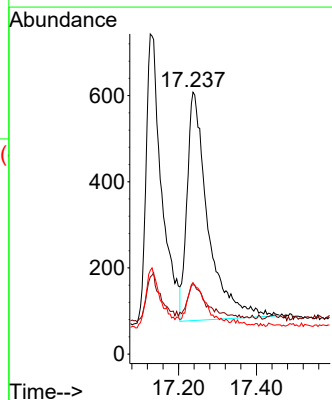
Tgt Ion:178 Resp: 1974

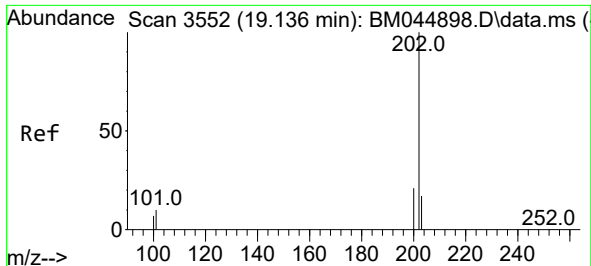
Ion Ratio Lower Upper

178 100

179 26.5 13.8 20.8#

176 27.3 16.2 24.4#

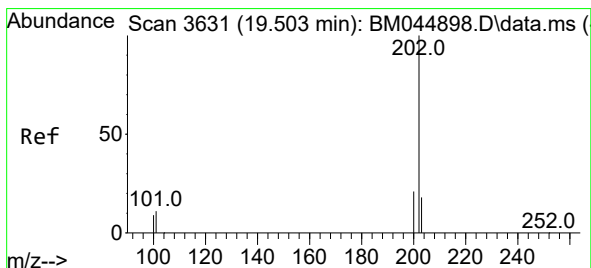
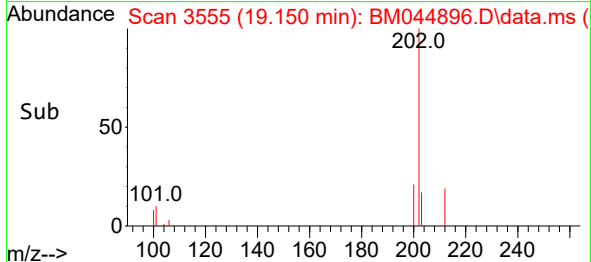
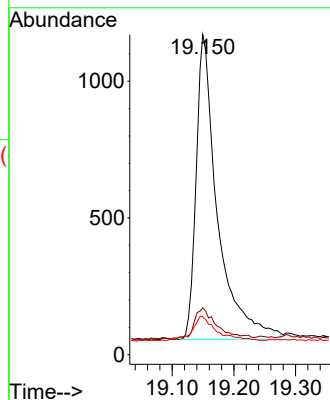
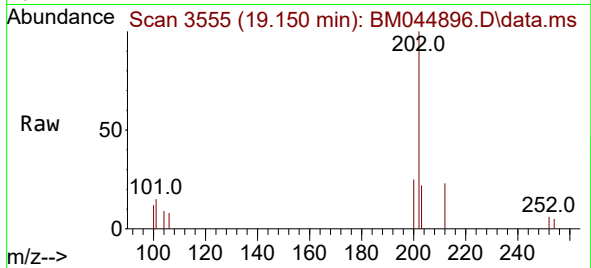




#19
Fluoranthene
Concen: 0.077 ng/ul
RT: 19.150 min Scan# 3555
Delta R.T. 0.014 min
Lab File: BM044896.D
Acq: 03 Apr 2024 18:13

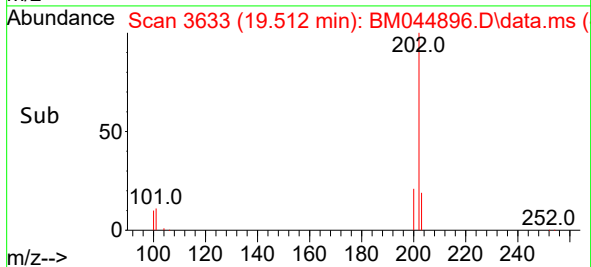
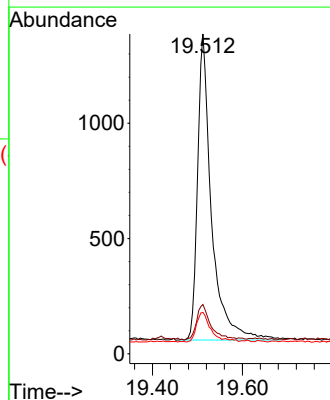
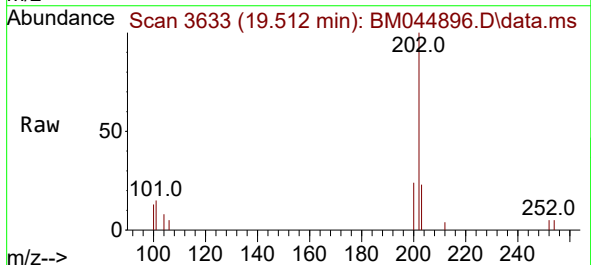
Instrument :
BNA_M
ClientSampleId :
SSTD0.1022

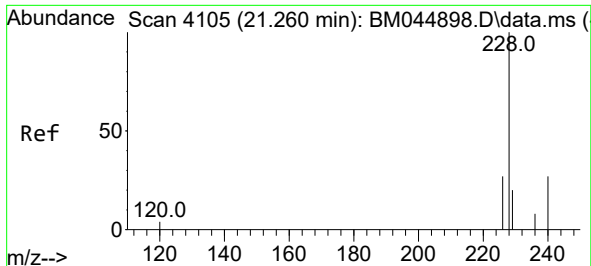
Tgt Ion:202 Resp: 2687
Ion Ratio Lower Upper
202 100
101 14.6 8.8 13.2#
100 11.9 7.0 10.4#



#20
Pyrene
Concen: 0.080 ng/ul
RT: 19.512 min Scan# 3633
Delta R.T. 0.009 min
Lab File: BM044896.D
Acq: 03 Apr 2024 18:13

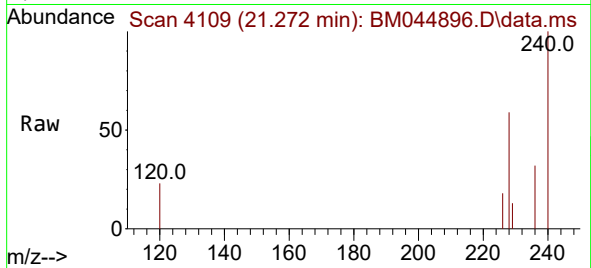
Tgt Ion:202 Resp: 2862
Ion Ratio Lower Upper
202 100
101 15.4 9.8 14.6#
100 13.0 8.1 12.1#



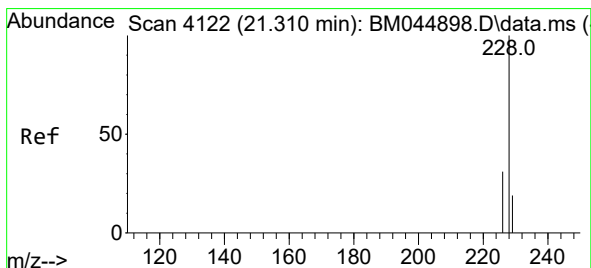
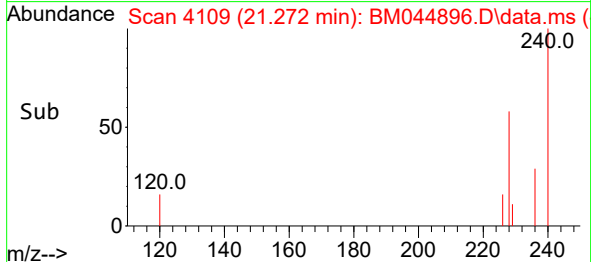
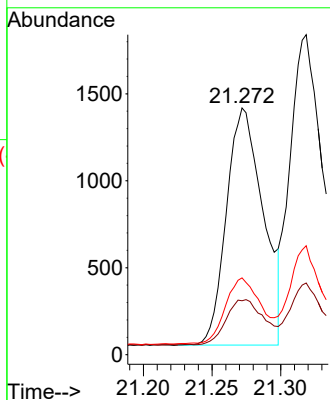


#21
Benzo(a)anthracene
Concen: 0.093 ng/ul
RT: 21.272 min Scan# 4109
Delta R.T. 0.012 min
Lab File: BM044896.D
Acq: 03 Apr 2024 18:13

Instrument :
BNA_M
ClientSampleId :
SSTD0.1022

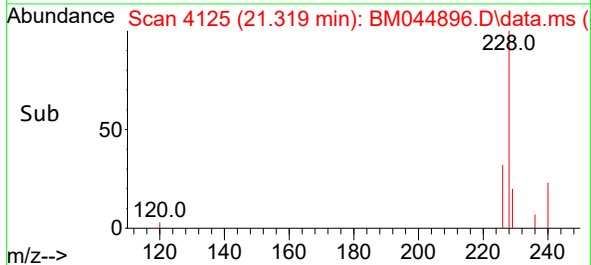
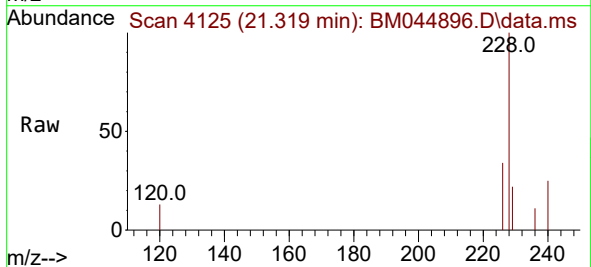
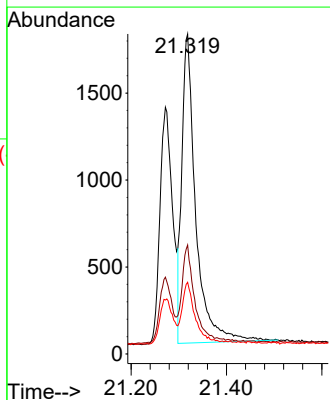


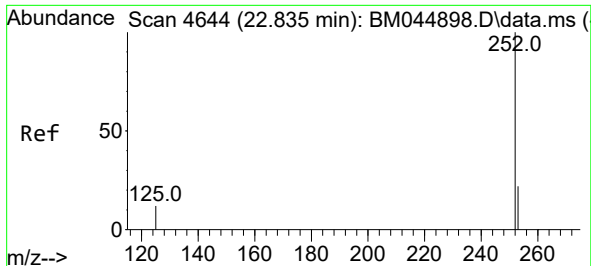
Tgt Ion:228 Resp: 2543
Ion Ratio Lower Upper
228 100
229 21.8 16.4 24.6
226 31.1 22.3 33.5



#22
Chrysene
Concen: 0.117 ng/ul
RT: 21.319 min Scan# 4125
Delta R.T. 0.009 min
Lab File: BM044896.D
Acq: 03 Apr 2024 18:13

Tgt Ion:228 Resp: 3578
Ion Ratio Lower Upper
228 100
226 34.1 24.9 37.3
229 22.4 15.9 23.9

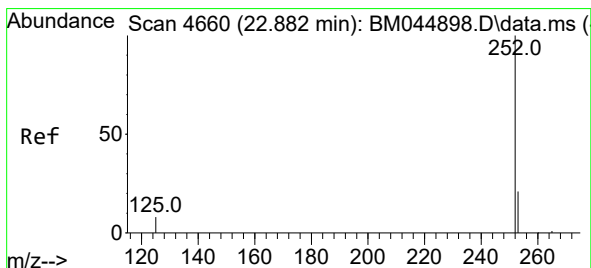
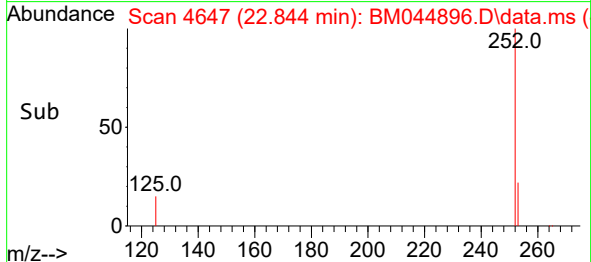
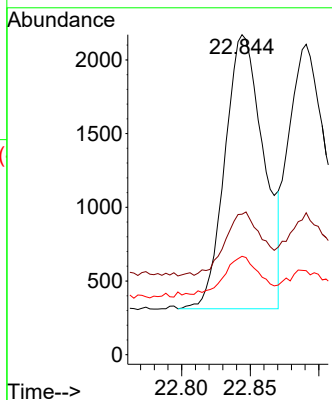
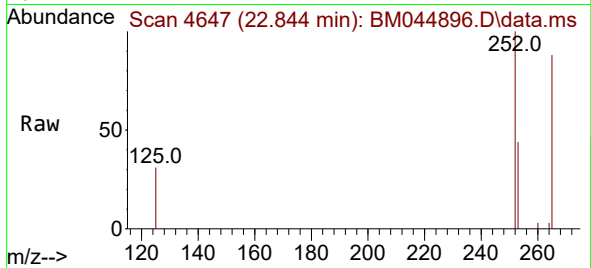




#24
Benzo(b)fluoranthene
Concen: 0.105 ng/ul
RT: 22.844 min Scan# 4647
Delta R.T. 0.009 min
Lab File: BM044896.D
Acq: 03 Apr 2024 18:13

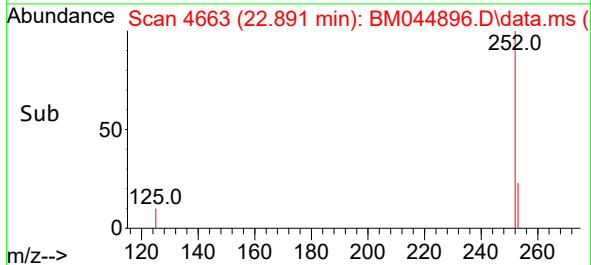
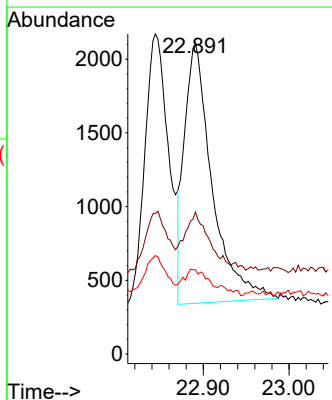
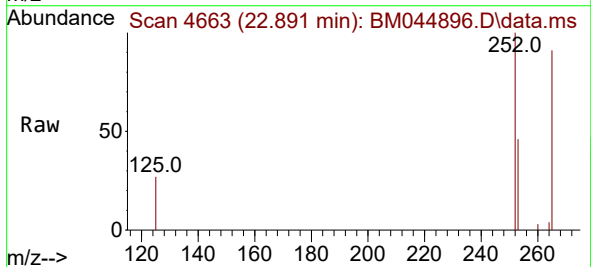
Instrument :
BNA_M
ClientSampleId :
SSTD0.1022

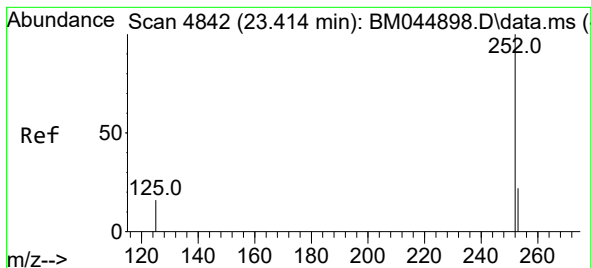
Tgt Ion:252 Resp: 3657
Ion Ratio Lower Upper
252 100
253 43.9 0.0 56.4
125 30.8 0.0 33.4



#25
Benzo(k)fluoranthene
Concen: 0.105 ng/ul
RT: 22.891 min Scan# 4663
Delta R.T. 0.009 min
Lab File: BM044896.D
Acq: 03 Apr 2024 18:13

Tgt Ion:252 Resp: 3958
Ion Ratio Lower Upper
252 100
253 45.7 22.3 33.5#
125 27.1 11.6 17.4#





#26

Benzo(a)pyrene

Concen: 0.105 ng/ul

RT: 23.423 min Scan# 4845

Delta R.T. 0.009 min

Lab File: BM044896.D

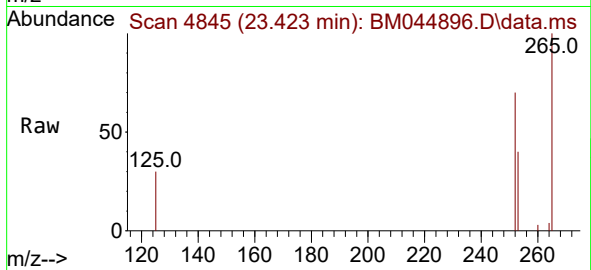
Acq: 03 Apr 2024 18:13

Instrument :

BNA_M

ClientSampleId :

SSTD0.1022



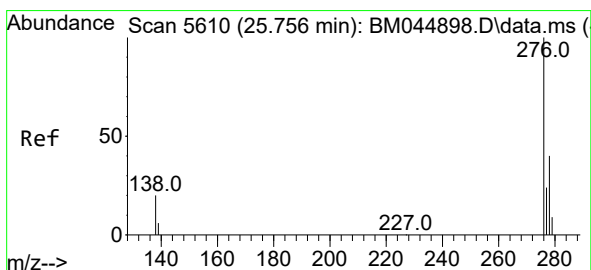
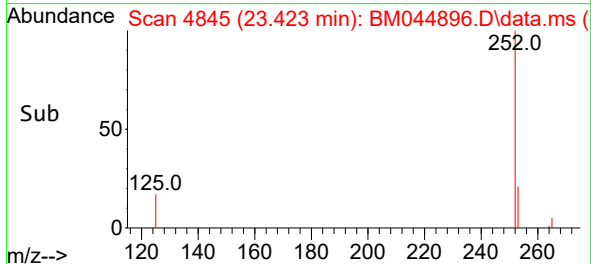
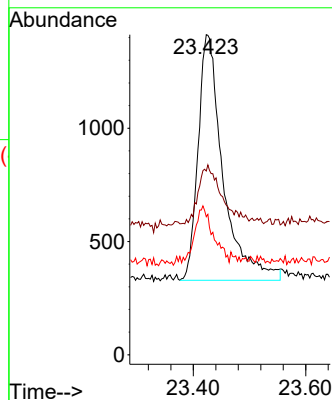
Tgt Ion:252 Resp: 3335

Ion Ratio Lower Upper

252 100

253 57.4 24.6 37.0#

125 43.1 18.2 27.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.125 ng/ul

RT: 25.779 min Scan# 5617

Delta R.T. 0.023 min

Lab File: BM044896.D

Acq: 03 Apr 2024 18:13

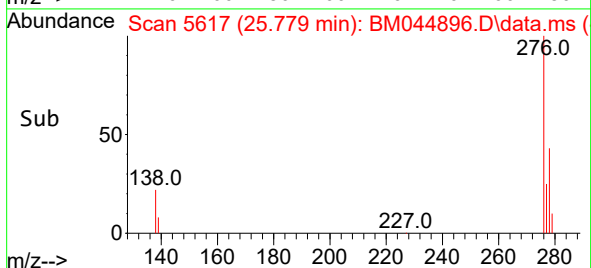
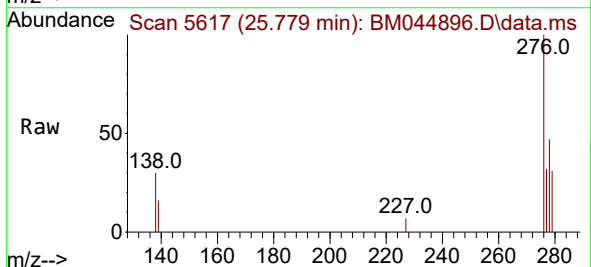
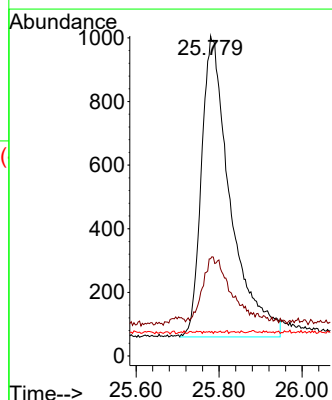
Tgt Ion:276 Resp: 4548

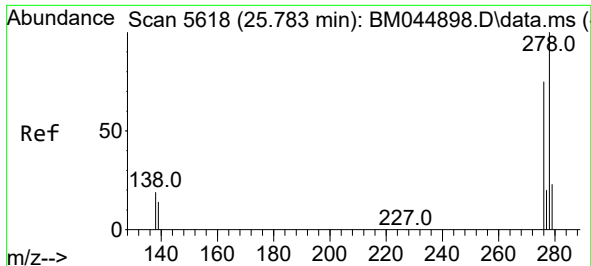
Ion Ratio Lower Upper

276 100

138 22.8 0.0 0.0#

227 0.1 0.1 0.1#

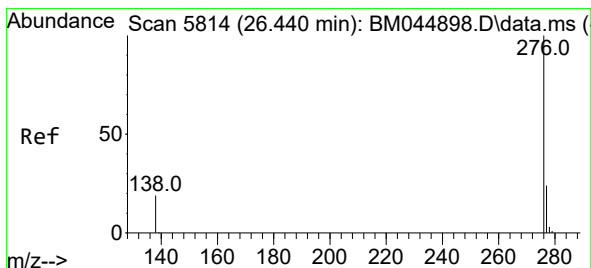
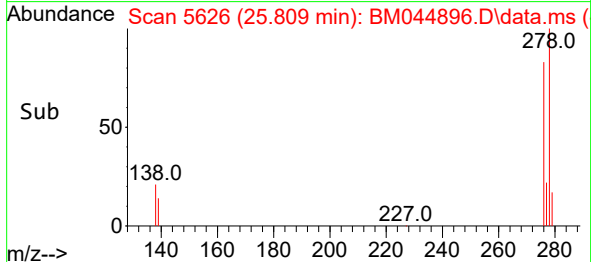
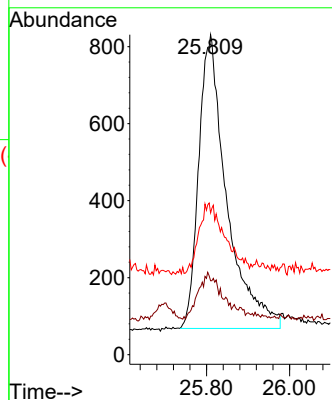
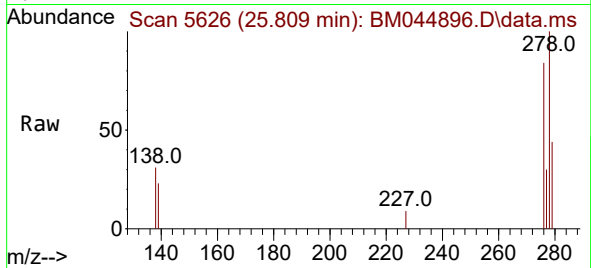




#28
 Dibenzo(a,h)anthracene
 Concen: 0.127 ng/ul
 RT: 25.809 min Scan# 5626
 Delta R.T. 0.027 min
 Lab File: BM044896.D
 Acq: 03 Apr 2024 18:13

Instrument :
 BNA_M
 ClientSampleId :
 SST0.1022

Tgt Ion:278 Resp: 3561
 Ion Ratio Lower Upper
 278 100
 139 23.1 13.6 20.4#
 279 44.3 23.0 34.4#



#29
 Benzo(g,h,i)perylene
 Concen: 0.125 ng/ul
 RT: 26.457 min Scan# 5819
 Delta R.T. 0.017 min
 Lab File: BM044896.D
 Acq: 03 Apr 2024 18:13

Tgt Ion:276 Resp: 4004
 Ion Ratio Lower Upper
 276 100
 138 29.7 16.8 25.2#
 277 31.3 20.3 30.5#

