

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062223\
 Data File : BM040345.D
 Acq On : 22 Jun 2023 12:56
 Operator : MA/JU
 Sample : SST0.188
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.1022

Quant Time: Jun 23 00:37:45 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 : Fri Jun 23 00:36:05 2023
 Response via : Initial Calibration

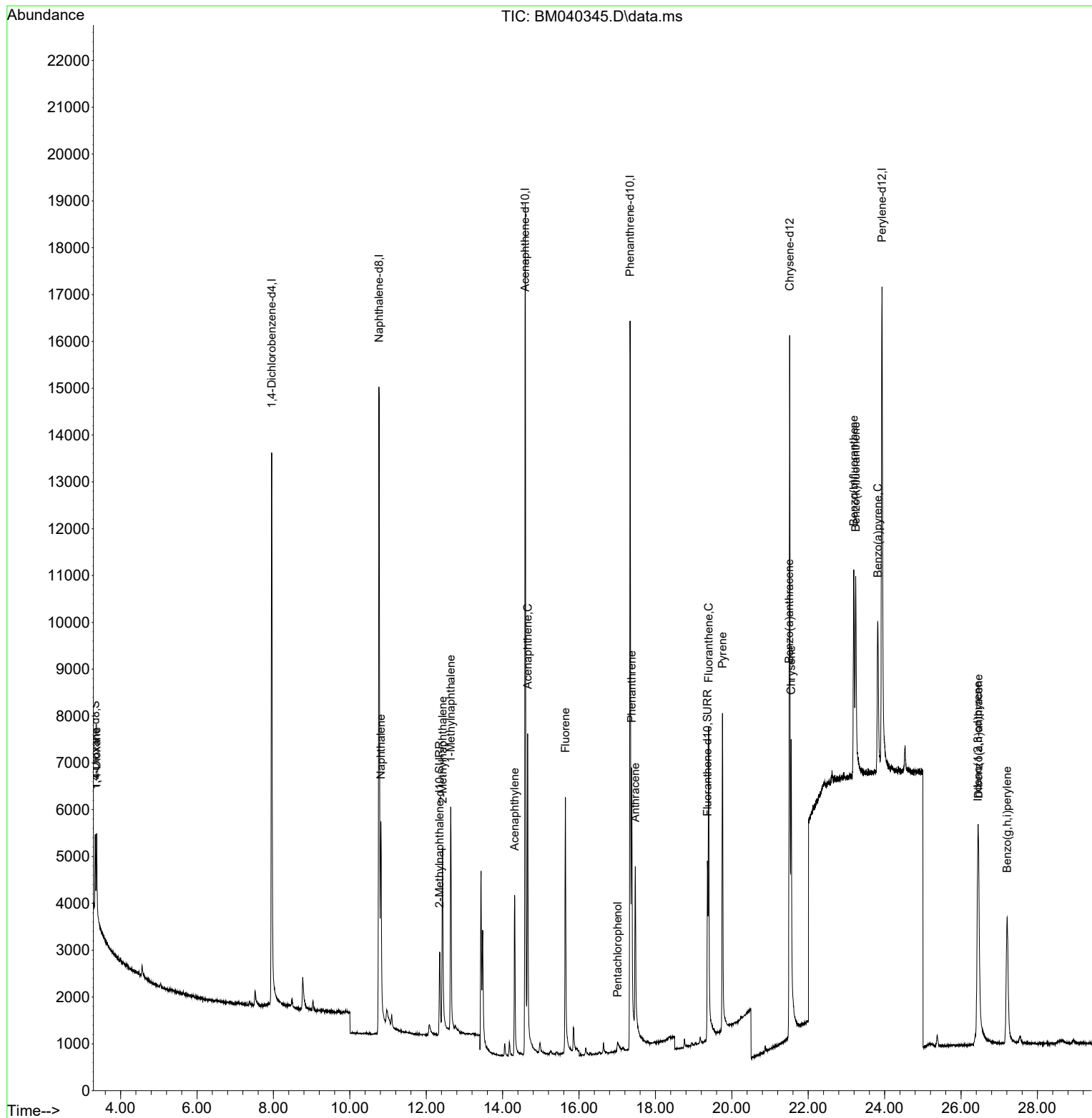
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	6880	0.400	ng/ul	0.00
4) Naphthalene-d8	10.762	136	23282	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.591	164	10653	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.336	188	19955	0.400	ng/ul	0.00
17) Chrysene-d12	21.515	240	14624	0.400	ng/ul	0.00
23) Perylene-d12	23.932	264	16060	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.338	96	1040	0.096	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.351	152	3276	0.100	ng/ul	0.00
18) Fluoranthene-d10	19.361	212	4812	0.103	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.371	88	1180	0.107	ng/ul#	72
5) Naphthalene	10.817	128	6584	0.103	ng/ul	96
7) 2-Methylnaphthalene	12.428	142	3715	0.099	ng/ul	97
8) 1-Methylnaphthalene	12.642	142	3748	0.099	ng/ul	99
10) Acenaphthylene	14.313	152	4868	0.102	ng/ul	96
11) Acenaphthene	14.656	153	4125	0.103	ng/ul	99
12) Fluorene	15.641	166	4299	0.100	ng/ul	95
14) Pentachlorophenol	17.011	266	424	0.110	ng/ul	98
15) Phenanthrene	17.379	178	6362	0.103	ng/ul	96
16) Anthracene	17.472	178	5057	0.097	ng/ul#	92
19) Fluoranthene	19.394	202	6270	0.101	ng/ul	98
20) Pyrene	19.756	202	7085	0.106	ng/ul	96
21) Benzo(a)anthracene	21.500	228	4881	0.099	ng/ul	96
22) Chrysene	21.553	228	5615	0.100	ng/ul	98
24) Benzo(b)fluoranthene	23.195	252	6071	0.098	ng/ul#	64
25) Benzo(k)fluoranthene	23.242	252	6006	0.098	ng/ul#	64
26) Benzo(a)pyrene	23.821	252	5694	0.102	ng/ul#	51
27) Indeno(1,2,3-cd)pyrene	26.437	276	7706	0.099	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.457	278	5961	0.098	ng/ul#	82
29) Benzo(g,h,i)perylene	27.209	276	6906	0.101	ng/ul#	91

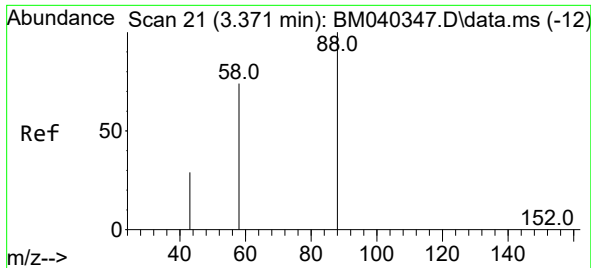
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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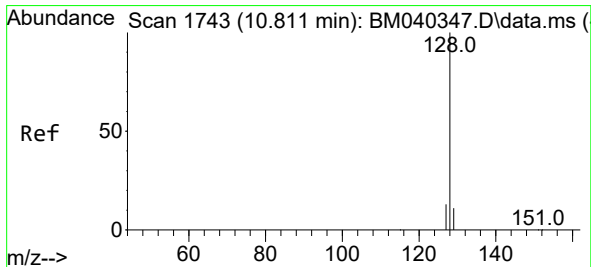
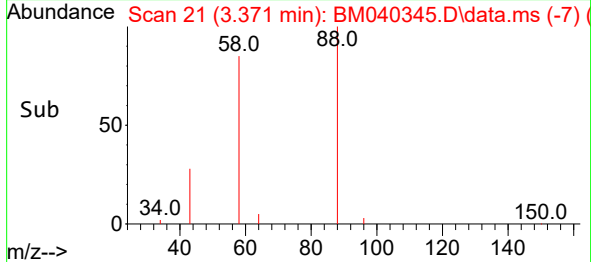
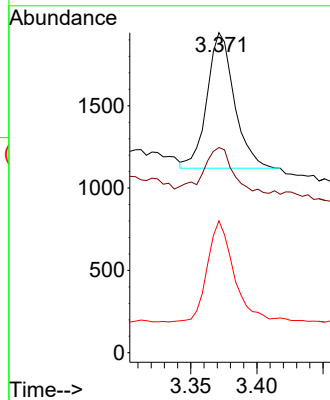
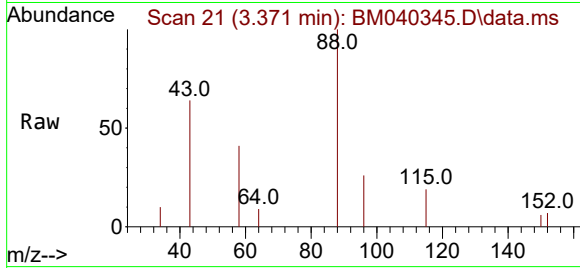




#2
1,4-Dioxane
Concen: 0.107 ng/ul
RT: 3.371 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM040345.D
Acq: 22 Jun 2023 12:56

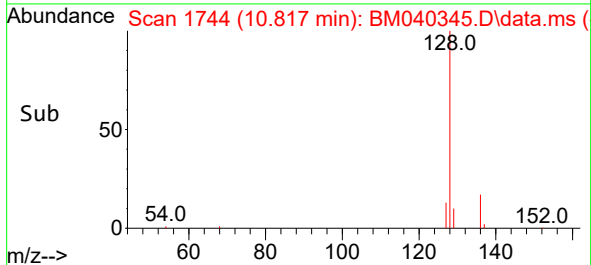
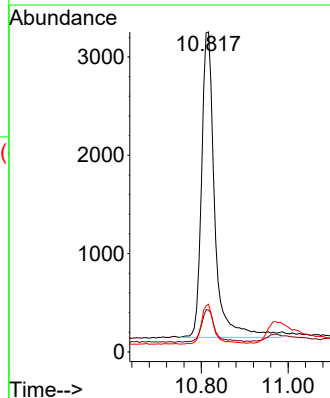
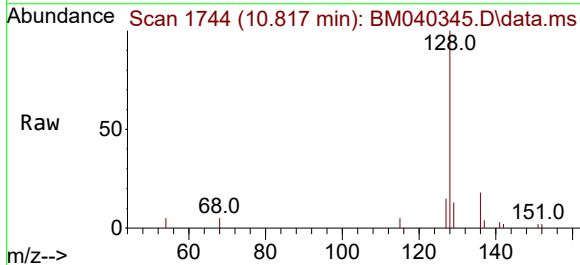
Instrument :
BNA_M
ClientSampleId :
SSTD0.1022

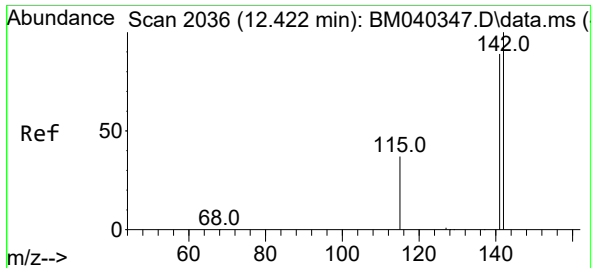
Tgt Ion: 88 Resp: 1180
Ion Ratio Lower Upper
88 100
43 64.1 36.1 54.1#
58 41.2 49.8 74.8#



#5
Naphthalene
Concen: 0.103 ng/ul
RT: 10.817 min Scan# 1744
Delta R.T. 0.006 min
Lab File: BM040345.D
Acq: 22 Jun 2023 12:56

Tgt Ion: 128 Resp: 6584
Ion Ratio Lower Upper
128 100
129 13.1 9.2 13.8
127 14.9 10.6 15.8

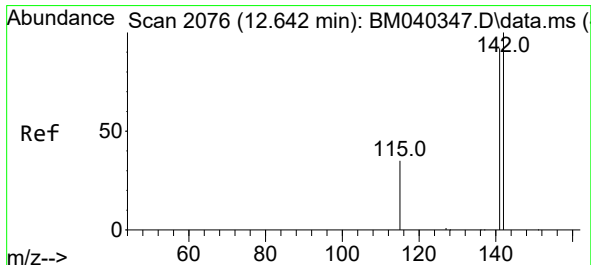
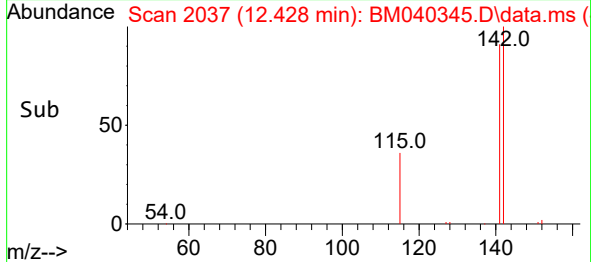
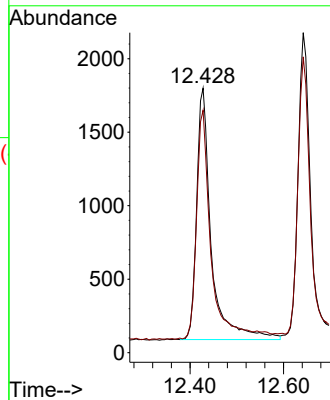
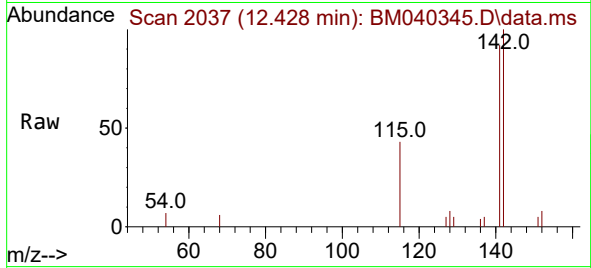




#7
2-Methylnaphthalene
Concen: 0.099 ng/ul
RT: 12.428 min Scan# 2036
Delta R.T. 0.006 min
Lab File: BM040345.D
Acq: 22 Jun 2023 12:56

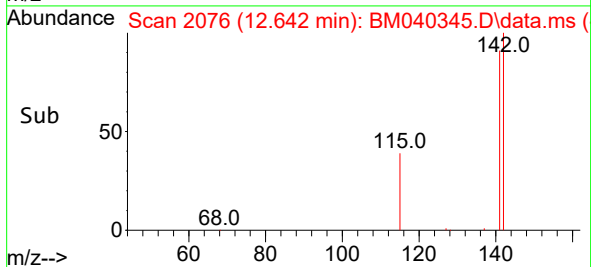
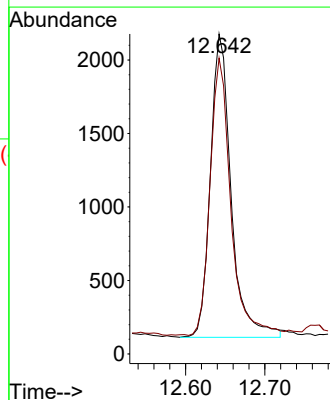
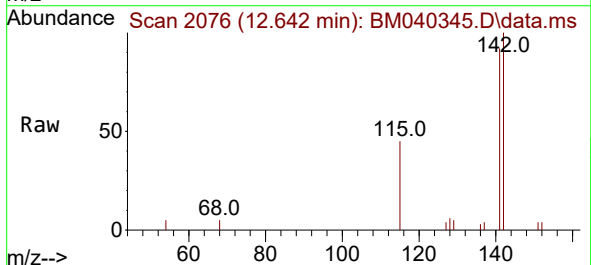
Instrument :
BNA_M
ClientSampleId :
SSTD0.1022

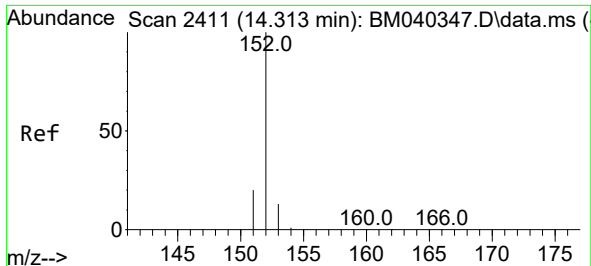
Tgt Ion:142 Resp: 3715
Ion Ratio Lower Upper
142 100
141 92.6 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.099 ng/ul
RT: 12.642 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BM040345.D
Acq: 22 Jun 2023 12:56

Tgt Ion:142 Resp: 3748
Ion Ratio Lower Upper
142 100
141 91.0 73.7 110.5

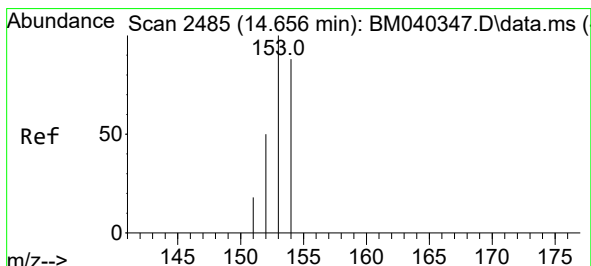
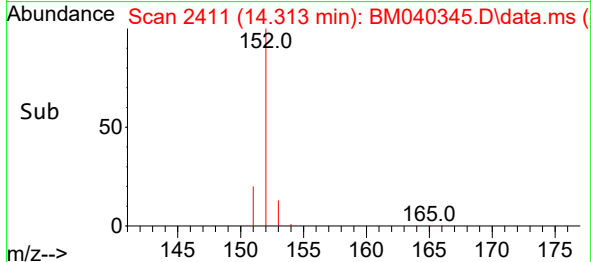
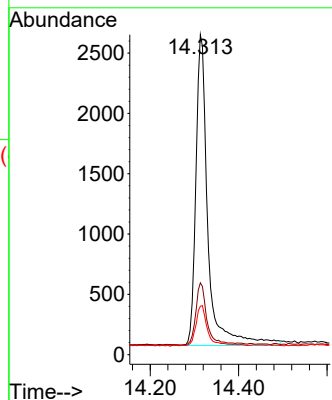
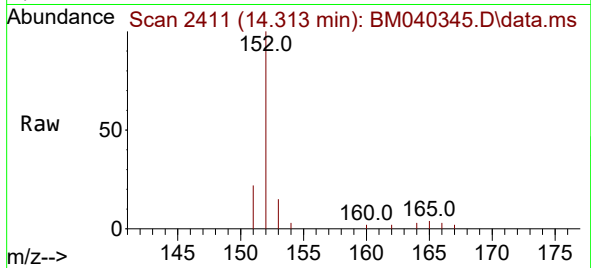




#10
Acenaphthylene
Concen: 0.102 ng/ul
RT: 14.313 min Scan# 2411
Delta R.T. 0.000 min
Lab File: BM040345.D
Acq: 22 Jun 2023 12:56

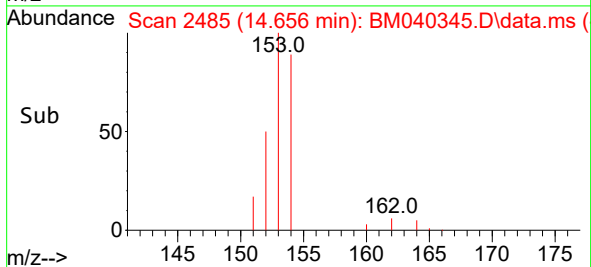
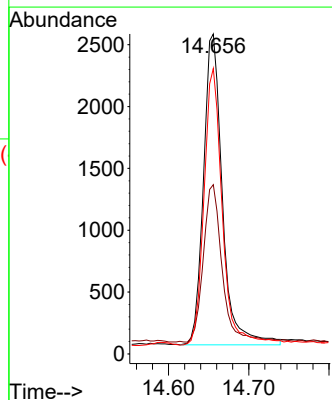
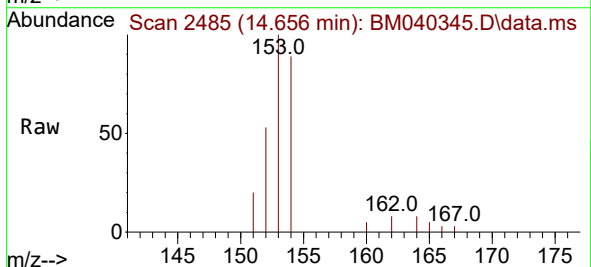
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ClientSampleId :
SSTD0.1022

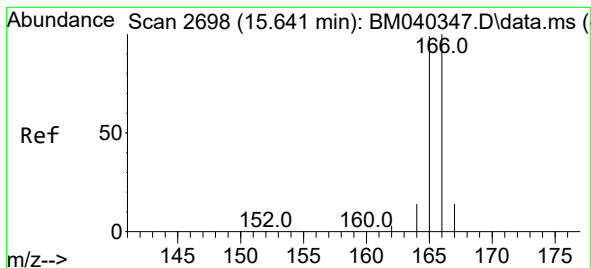
Tgt Ion:152 Resp: 4868
Ion Ratio Lower Upper
152 100
151 22.4 16.2 24.2
153 15.1 10.9 16.3



#11
Acenaphthene
Concen: 0.103 ng/ul
RT: 14.656 min Scan# 2485
Delta R.T. 0.000 min
Lab File: BM040345.D
Acq: 22 Jun 2023 12:56

Tgt Ion:153 Resp: 4125
Ion Ratio Lower Upper
153 100
152 52.9 41.0 61.4
154 89.2 70.8 106.2





#12

Fluorene

Concen: 0.100 ng/ul

RT: 15.641 min Scan# 2

Delta R.T. 0.000 min

Lab File: BM040345.D

Acq: 22 Jun 2023 12:56

Instrument :

BNA_M

ClientSampleId :

SSTD0.1022

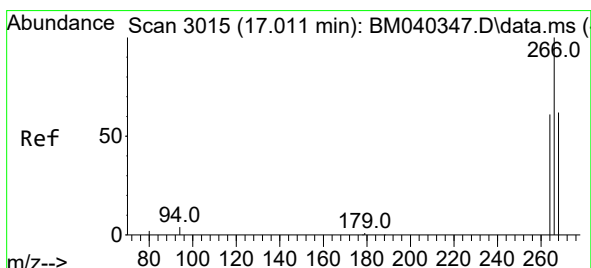
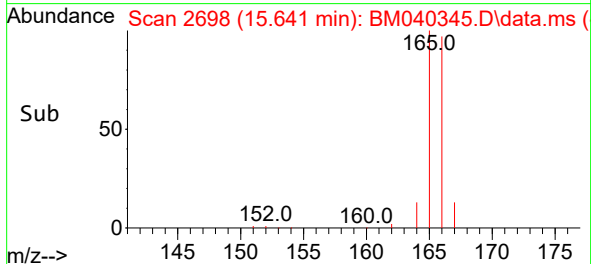
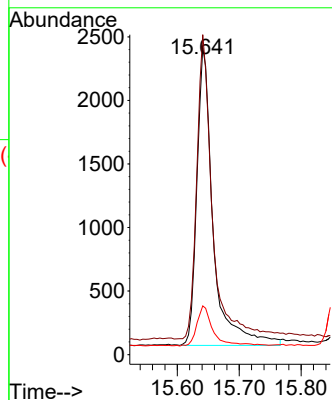
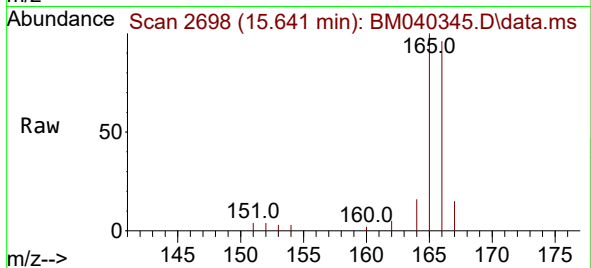
Tgt Ion:166 Resp: 4299

Ion Ratio Lower Upper

166 100

165 104.2 79.6 119.4

167 15.9 11.4 17.0



#14

Pentachlorophenol

Concen: 0.110 ng/ul

RT: 17.011 min Scan# 3015

Delta R.T. 0.000 min

Lab File: BM040345.D

Acq: 22 Jun 2023 12:56

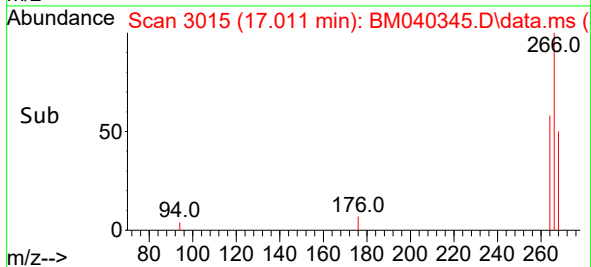
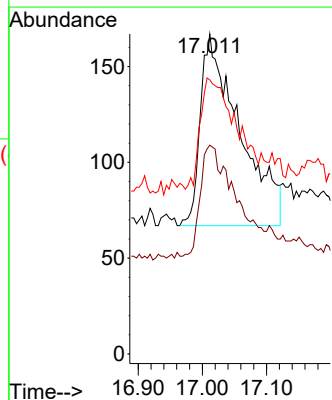
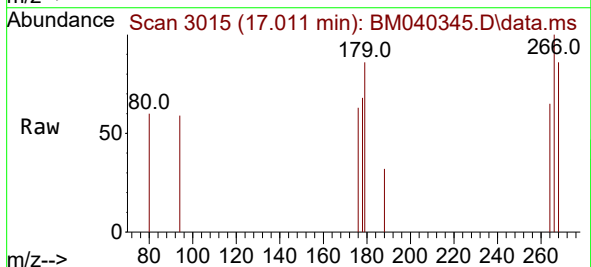
Tgt Ion:266 Resp: 424

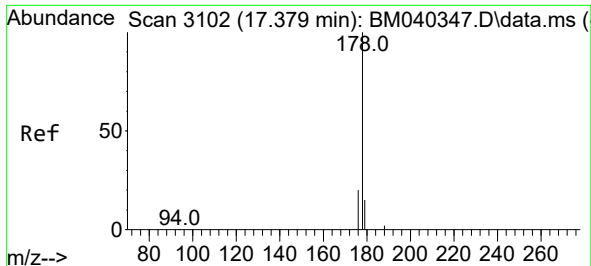
Ion Ratio Lower Upper

266 100

264 56.8 45.4 68.0

268 62.5 47.2 70.8

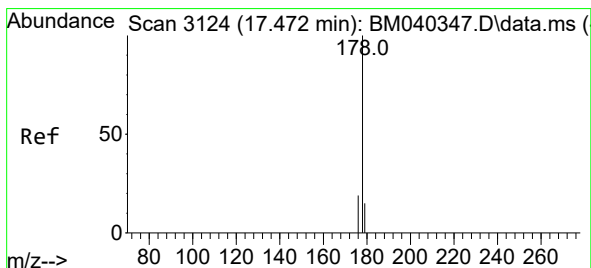
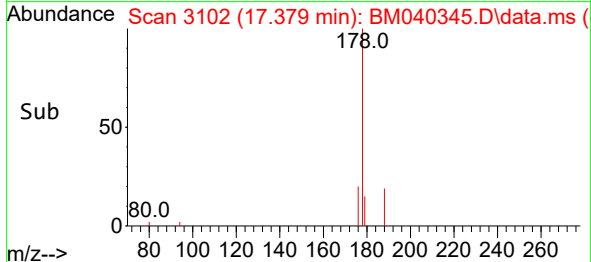
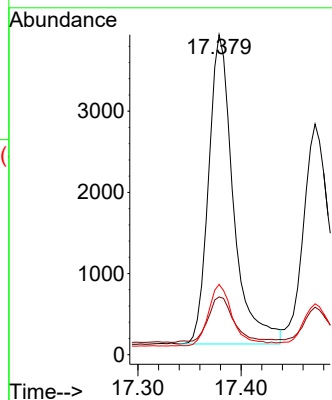
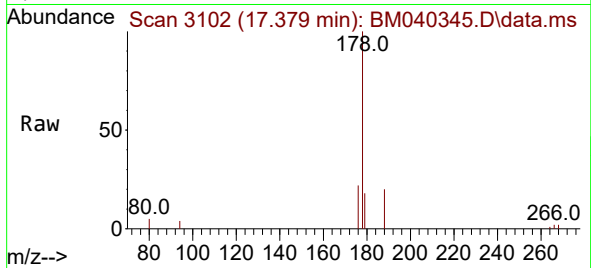




#15
Phenanthrene
Concen: 0.103 ng/ul
RT: 17.379 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BM040345.D
Acq: 22 Jun 2023 12:56

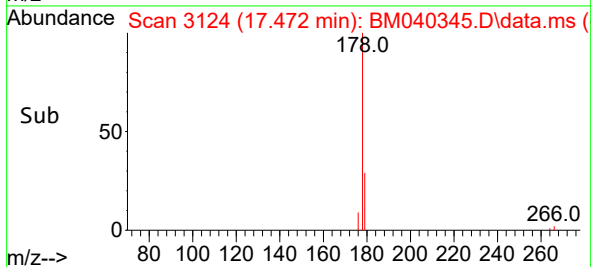
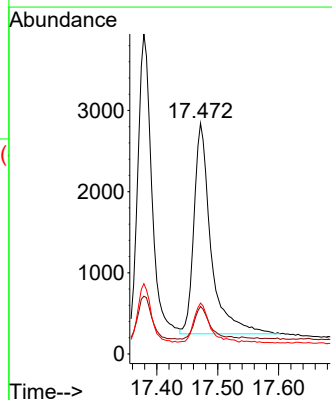
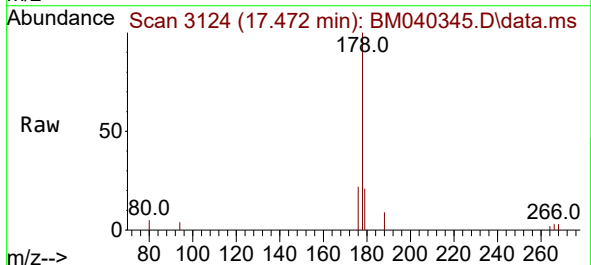
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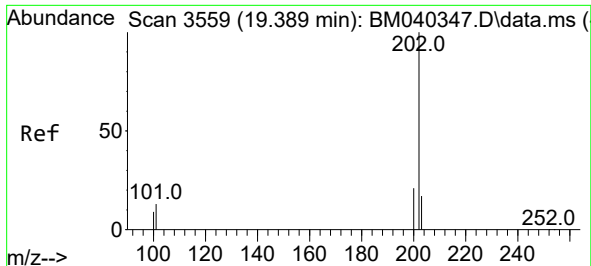
Tgt Ion:178 Resp: 6362
Ion Ratio Lower Upper
178 100
179 18.1 12.8 19.2
176 22.0 16.4 24.6



#16
Anthracene
Concen: 0.097 ng/ul
RT: 17.472 min Scan# 3124
Delta R.T. 0.000 min
Lab File: BM040345.D
Acq: 22 Jun 2023 12:56

Tgt Ion:178 Resp: 5057
Ion Ratio Lower Upper
178 100
179 20.6 12.9 19.3#
176 22.1 15.8 23.6

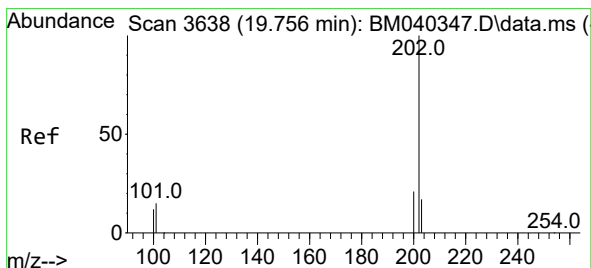
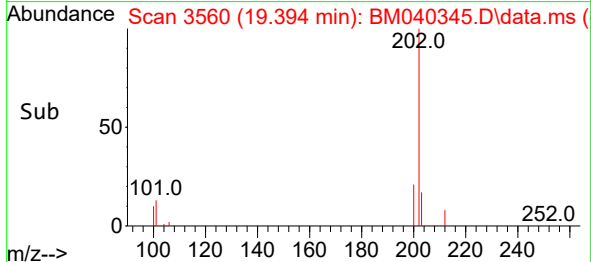
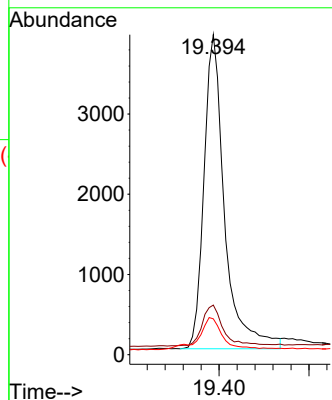
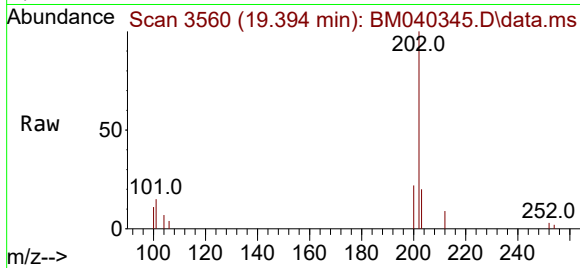




#19
Fluoranthene
Concen: 0.101 ng/ul
RT: 19.394 min Scan# 3560
Delta R.T. 0.005 min
Lab File: BM040345.D
Acq: 22 Jun 2023 12:56

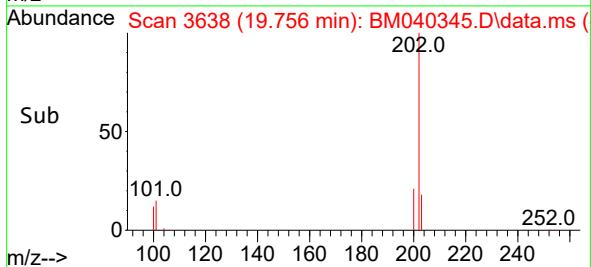
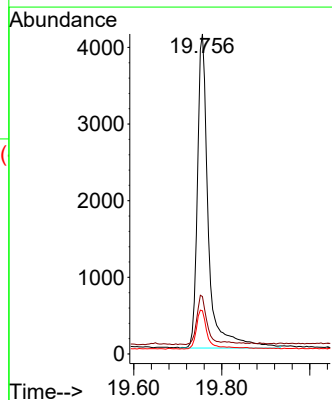
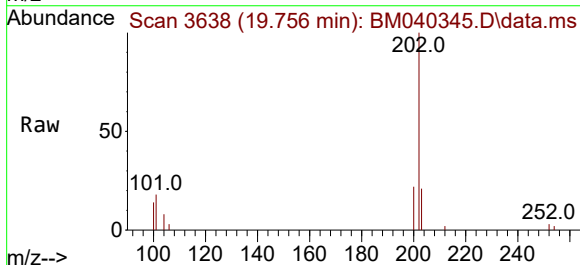
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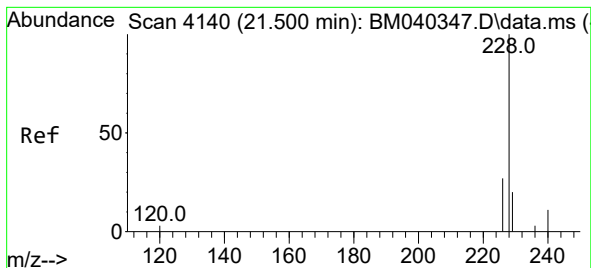
Tgt Ion:202 Resp: 6270
Ion Ratio Lower Upper
202 100
101 15.5 11.4 17.0
100 11.2 8.7 13.1



#20
Pyrene
Concen: 0.106 ng/ul
RT: 19.756 min Scan# 3638
Delta R.T. 0.000 min
Lab File: BM040345.D
Acq: 22 Jun 2023 12:56

Tgt Ion:202 Resp: 7085
Ion Ratio Lower Upper
202 100
101 18.0 12.6 18.8
100 13.5 9.8 14.6





#21

Benzo(a)anthracene

Concen: 0.099 ng/ul

RT: 21.500 min Scan# 4140

Delta R.T. 0.000 min

Lab File: BM040345.D

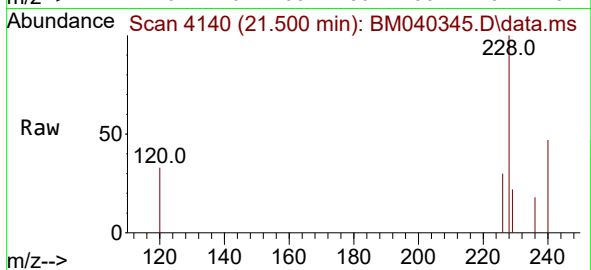
Acq: 22 Jun 2023 12:56

Instrument :

BNA_M

ClientSampleId :

SSTD0.1022



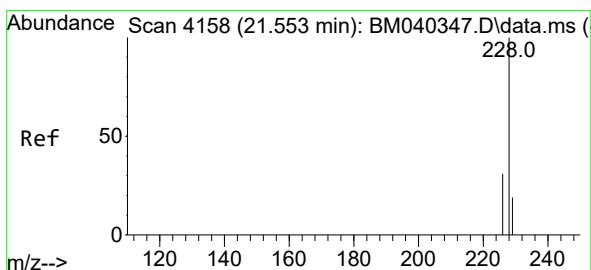
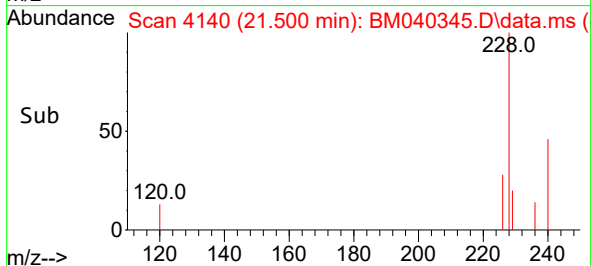
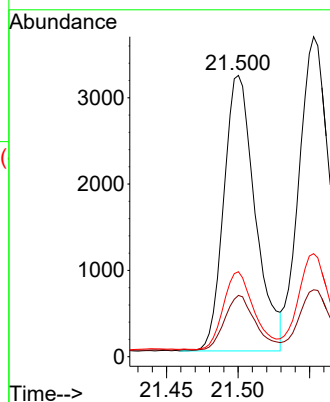
Tgt Ion:228 Resp: 4881

Ion Ratio Lower Upper

228 100

229 21.8 16.0 24.0

226 30.2 22.3 33.5



#22

Chrysene

Concen: 0.100 ng/ul

RT: 21.553 min Scan# 4158

Delta R.T. 0.000 min

Lab File: BM040345.D

Acq: 22 Jun 2023 12:56

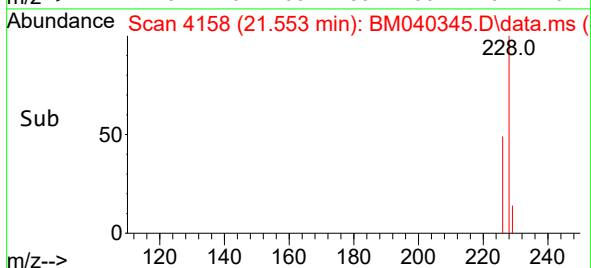
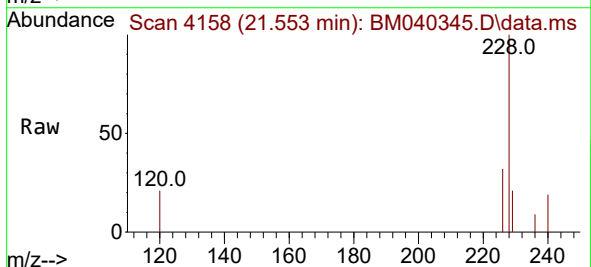
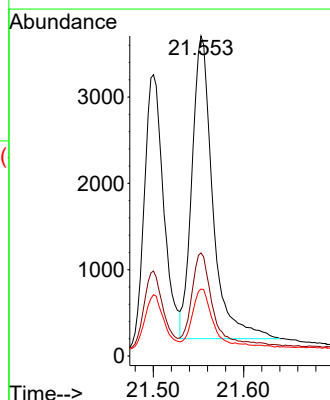
Tgt Ion:228 Resp: 5615

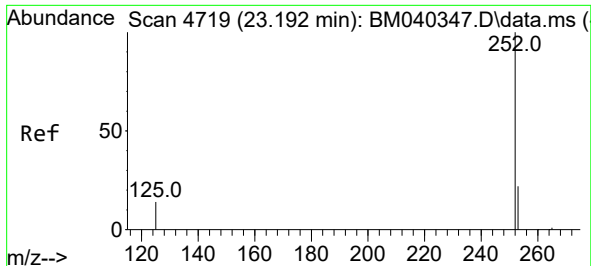
Ion Ratio Lower Upper

228 100

226 32.2 24.9 37.3

229 20.9 15.8 23.6

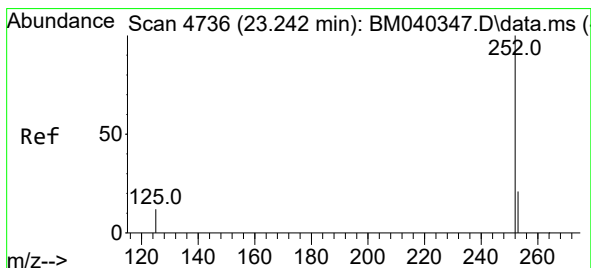
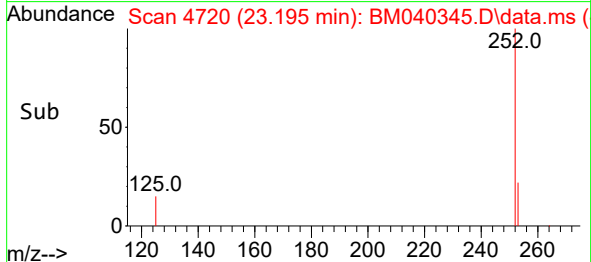
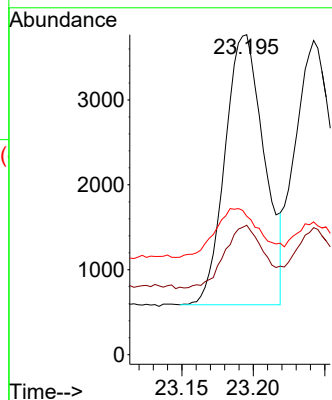
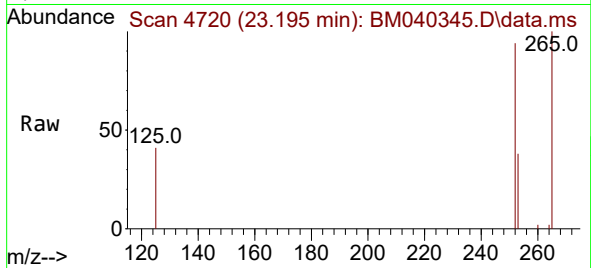




#24
Benzo(b)fluoranthene
Concen: 0.098 ng/ul
RT: 23.195 min Scan# 4719
Delta R.T. 0.003 min
Lab File: BM040345.D
Acq: 22 Jun 2023 12:56

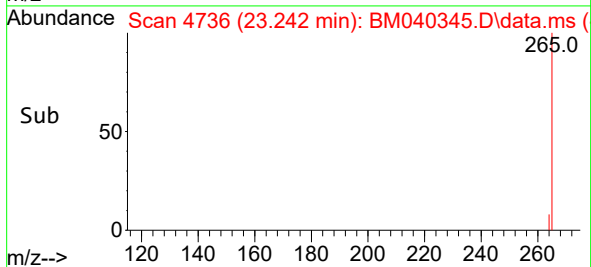
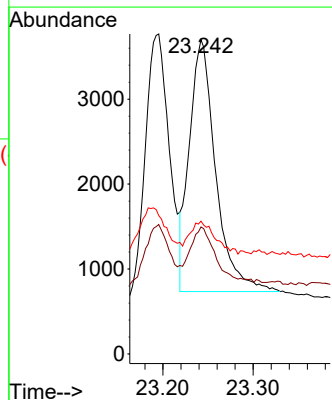
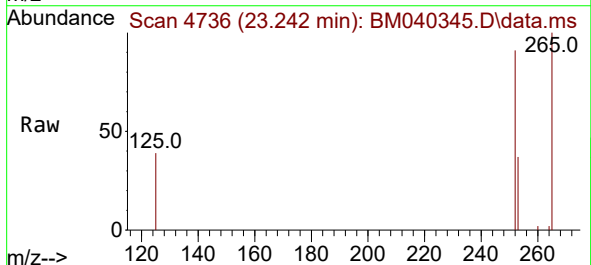
Instrument :
BNA_M
ClientSampleId :
SSTD0.1022

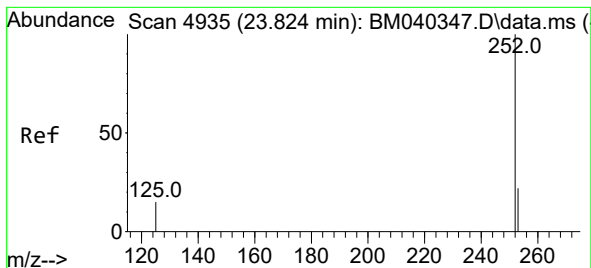
Tgt Ion:252 Resp: 6071
Ion Ratio Lower Upper
252 100
253 40.4 0.0 52.8
125 43.3 0.0 43.0#



#25
Benzo(k)fluoranthene
Concen: 0.098 ng/ul
RT: 23.242 min Scan# 4736
Delta R.T. 0.000 min
Lab File: BM040345.D
Acq: 22 Jun 2023 12:56

Tgt Ion:252 Resp: 6006
Ion Ratio Lower Upper
252 100
253 40.4 21.2 31.8#
125 42.3 16.4 24.6#





#26

Benzo(a)pyrene

Concen: 0.102 ng/ul

RT: 23.821 min Scan# 4935

Delta R.T. -0.003 min

Lab File: BM040345.D

Acq: 22 Jun 2023 12:56

Instrument :

BNA_M

ClientSampleId :

SSTD0.1022

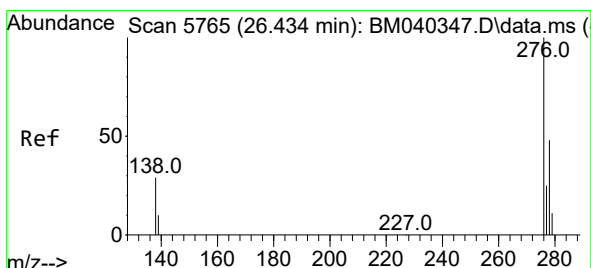
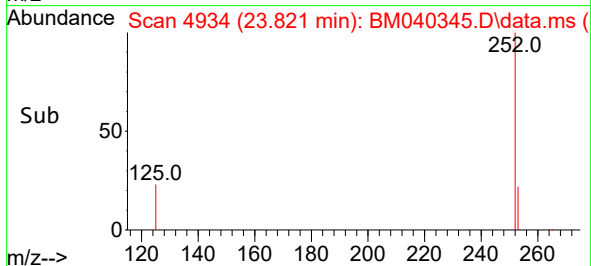
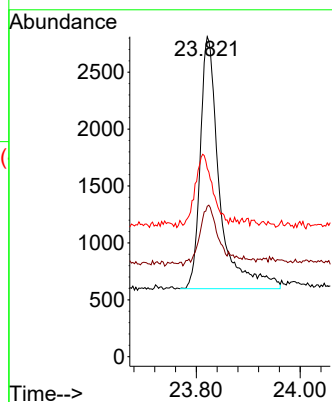
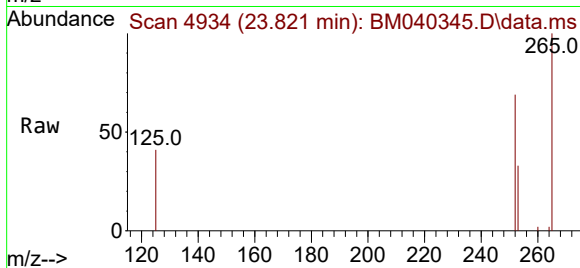
Tgt Ion:252 Resp: 5694

Ion Ratio Lower Upper

252 100

253 47.0 22.9 34.3#

125 58.8 21.0 31.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.099 ng/ul

RT: 26.437 min Scan# 5766

Delta R.T. 0.003 min

Lab File: BM040345.D

Acq: 22 Jun 2023 12:56

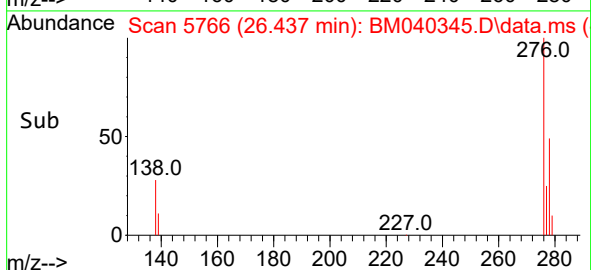
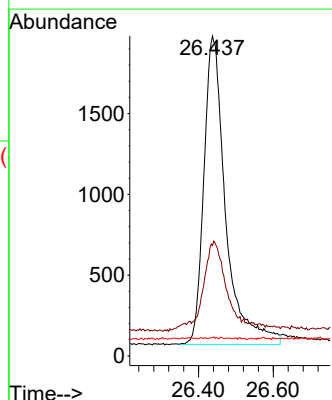
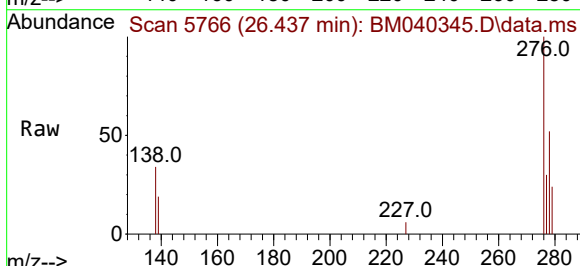
Tgt Ion:276 Resp: 7706

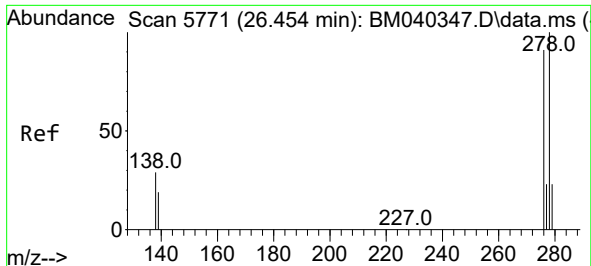
Ion Ratio Lower Upper

276 100

138 29.9 24.5 36.7

227 0.2 0.1 0.1#

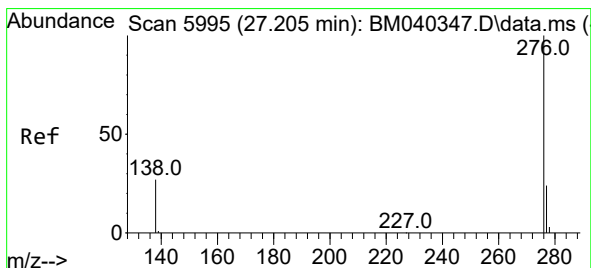
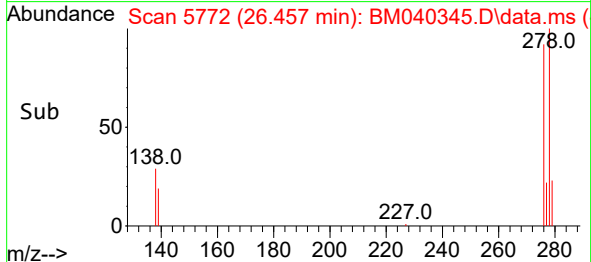
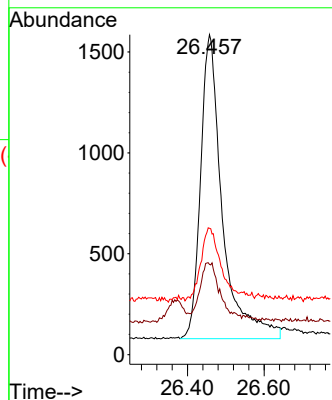
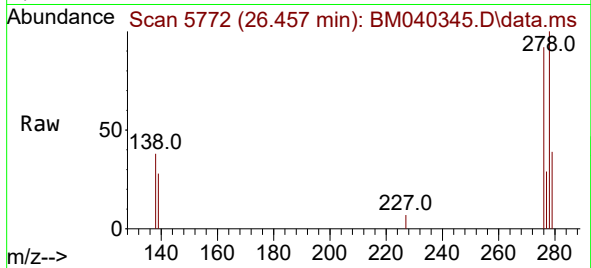




#28
 Dibenzo(a,h)anthracene
 Concen: 0.098 ng/ul
 RT: 26.457 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: BM040345.D
 Acq: 22 Jun 2023 12:56

Instrument :
 BNA_M
 ClientSampleId :
 SST0.1022

Tgt Ion:278 Resp: 5961
 Ion Ratio Lower Upper
 278 100
 139 28.2 17.9 26.9#
 279 39.5 22.0 33.0#



#29
 Benzo(g,h,i)perylene
 Concen: 0.101 ng/ul
 RT: 27.209 min Scan# 5996
 Delta R.T. 0.003 min
 Lab File: BM040345.D
 Acq: 22 Jun 2023 12:56

Tgt Ion:276 Resp: 6906
 Ion Ratio Lower Upper
 276 100
 138 34.6 23.0 34.6#
 277 29.3 20.3 30.5

