

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051923\
 Data File : BM039956.D
 Acq On : 19 May 2023 13:14
 Operator : CG/JU
 Sample : SSTD0.867
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.8046

Quant Time: May 19 16:56:17 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 19 15:08:18 2023
 Response via : Initial Calibration

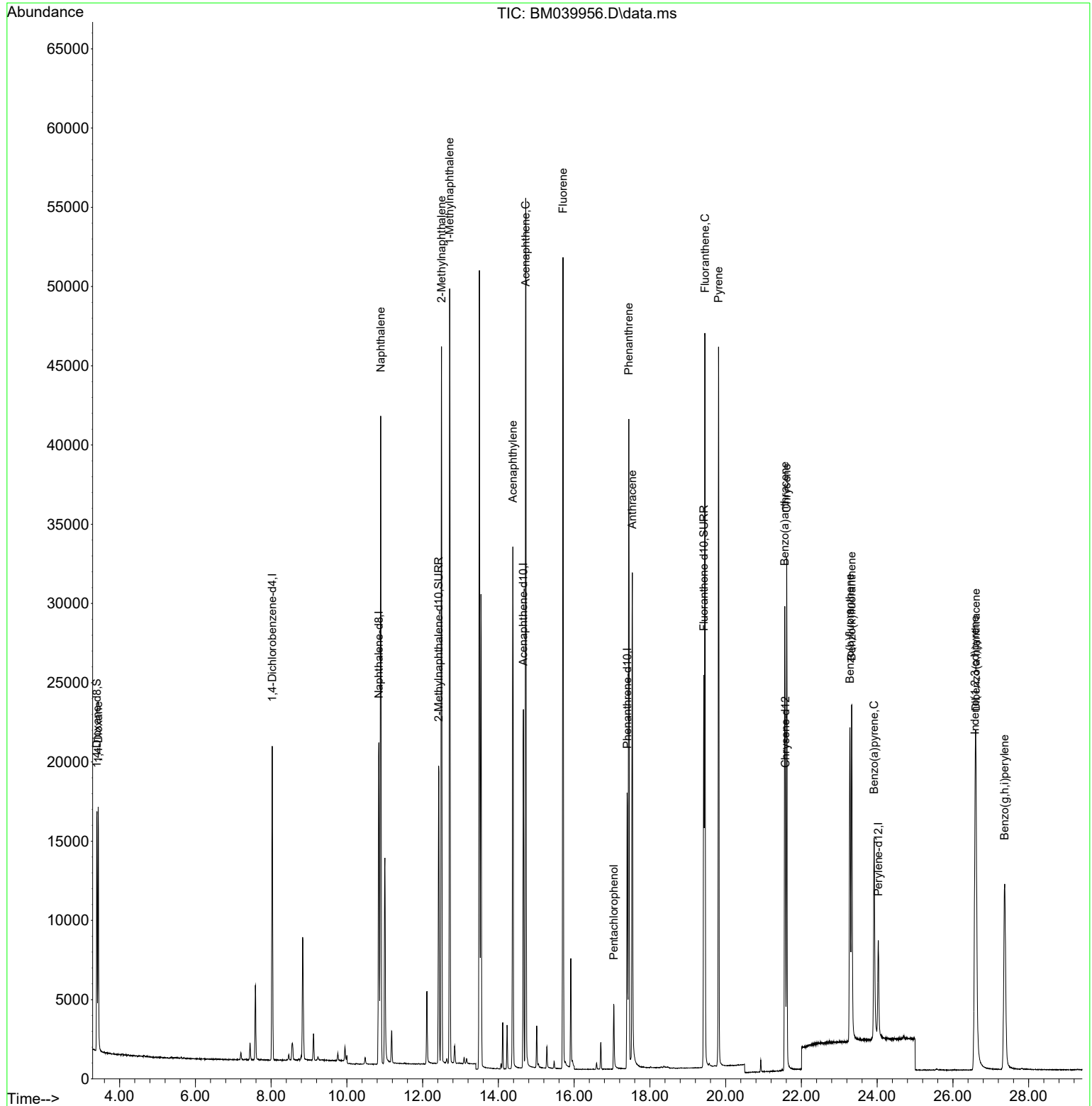
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.029	152	9332	0.400	ng/ul	0.00
4) Naphthalene-d8	10.844	136	26862	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.660	164	11663	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.400	188	19273	0.400	ng/ul	0.00
17) Chrysene-d12	21.576	240	10271	0.400	ng/ul	0.00
23) Perylene-d12	24.029	264	8973	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.401	96	9470	0.774	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.422	152	23572	0.762	ng/ul	0.00
18) Fluoranthene-d10	19.421	212	24938	0.754	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.434	88	10208	0.776	ng/ul	96
5) Naphthalene	10.894	128	53204	0.769	ng/ul	99
7) 2-Methylnaphthalene	12.499	142	29939	0.767	ng/ul	100
8) 1-Methylnaphthalene	12.714	142	31148	0.765	ng/ul	99
10) Acenaphthylene	14.383	152	36944	0.770	ng/ul	99
11) Acenaphthene	14.720	153	30689	0.778	ng/ul	99
12) Fluorene	15.706	166	30868	0.774	ng/ul	99
14) Pentachlorophenol	17.045	266	2931	0.735	ng/ul	98
15) Phenanthrene	17.442	178	42644	0.776	ng/ul	99
16) Anthracene	17.535	178	35015	0.778	ng/ul	99
19) Fluoranthene	19.454	202	37767	0.766	ng/ul	99
20) Pyrene	19.812	202	36417	0.747	ng/ul	99
21) Benzo(a)anthracene	21.559	228	24305	0.757	ng/ul	99
22) Chrysene	21.611	228	28007	0.751	ng/ul	100
24) Benzo(b)fluoranthene	23.280	252	27202	0.765	ng/ul	96
25) Benzo(k)fluoranthene	23.327	252	29137	0.791	ng/ul	95
26) Benzo(a)pyrene	23.920	252	21934	0.763	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.585	276	31841	0.813	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.608	278	26117	0.831	ng/ul	96
29) Benzo(g,h,i)perylene	27.366	276	27739	0.826	ng/ul	98

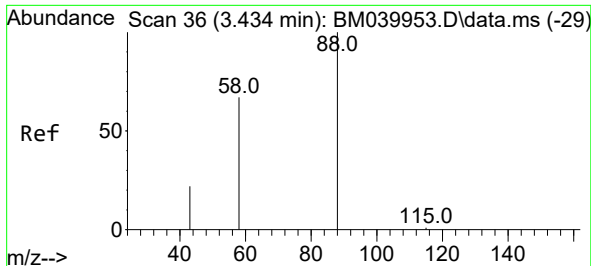
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051923\
Data File : BM039956.D
Acq On : 19 May 2023 13:14
Operator : CG/JU
Sample : SST0.867
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.8046

Quant Time: May 19 16:56:17 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 19 15:08:18 2023
Response via : Initial Calibration

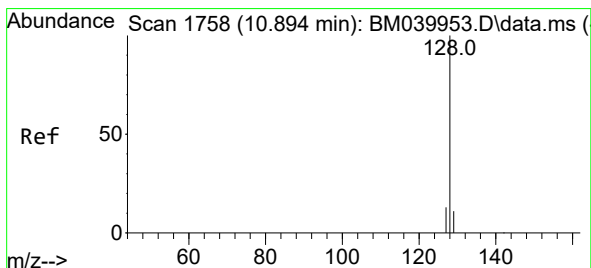
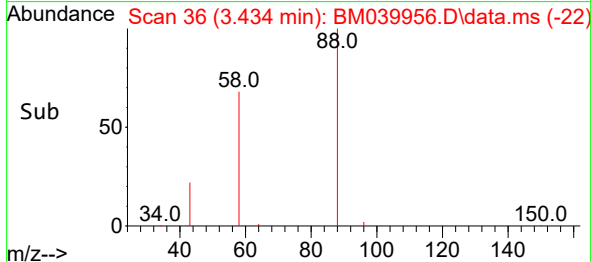
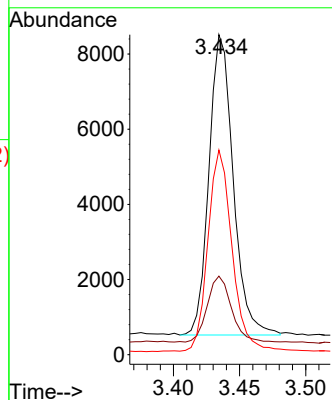
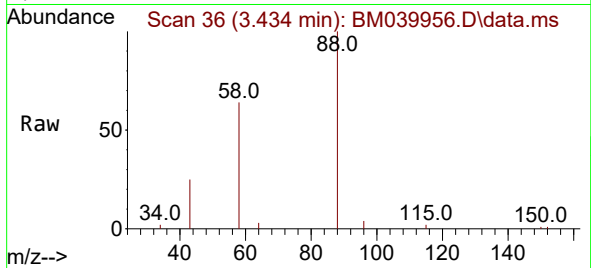




#2
1,4-Dioxane
Concen: 0.776 ng/ul
RT: 3.434 min Scan# 30
Delta R.T. 0.000 min
Lab File: BM039956.D
Acq: 19 May 2023 13:14

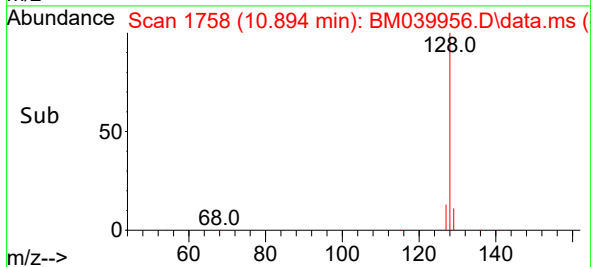
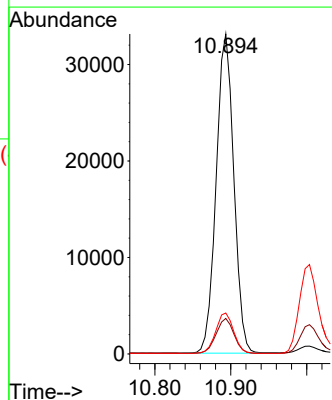
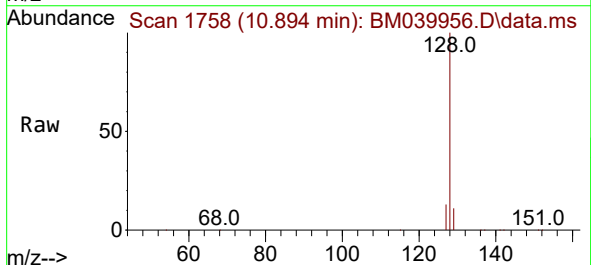
Instrument :
BNA_M
ClientSampleId :
SSTD0.8046

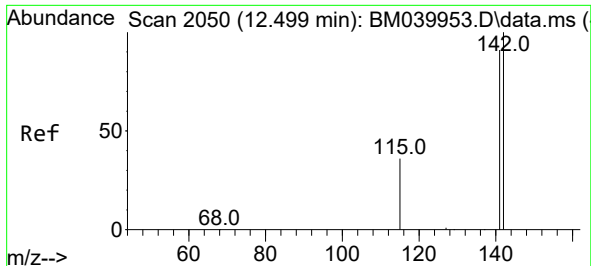
Tgt Ion: 88 Resp: 10208
Ion Ratio Lower Upper
88 100
43 24.6 21.7 32.5
58 63.9 49.4 74.0



#5
Naphthalene
Concen: 0.769 ng/ul
RT: 10.894 min Scan# 1758
Delta R.T. 0.000 min
Lab File: BM039956.D
Acq: 19 May 2023 13:14

Tgt Ion: 128 Resp: 53204
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 12.8 10.4 15.6

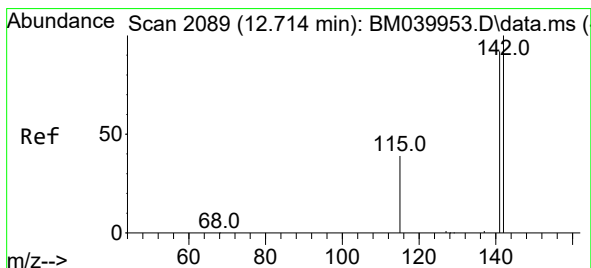
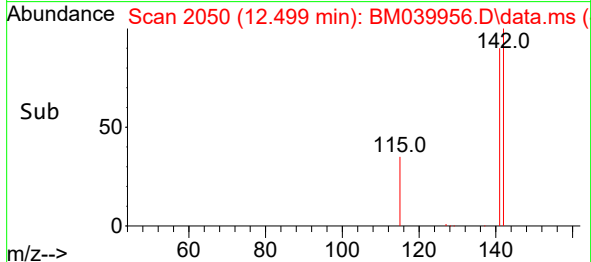
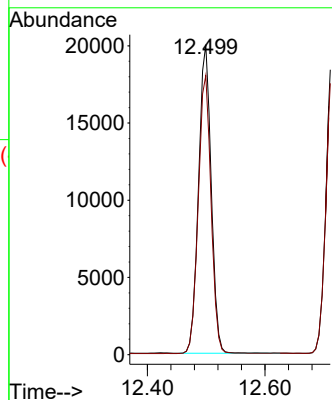
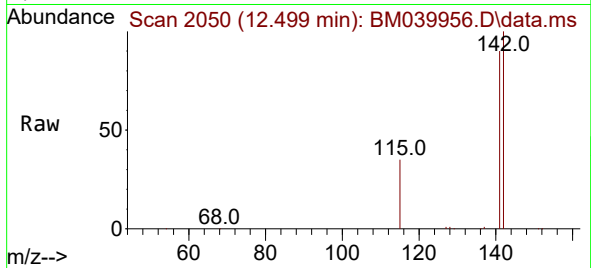




#7
2-Methylnaphthalene
Concen: 0.767 ng/ul
RT: 12.499 min Scan# 2050
Delta R.T. 0.000 min
Lab File: BM039956.D
Acq: 19 May 2023 13:14

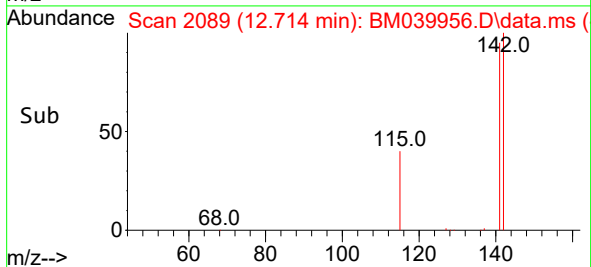
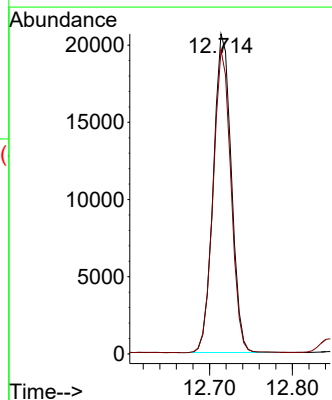
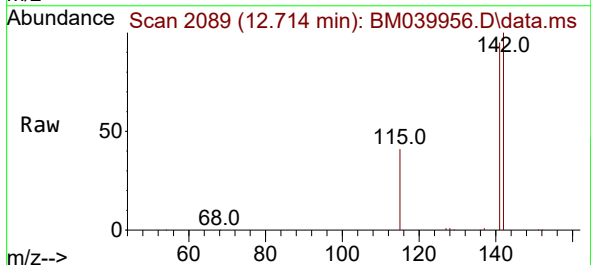
Instrument :
BNA_M
ClientSampleId :
SSTD0.8046

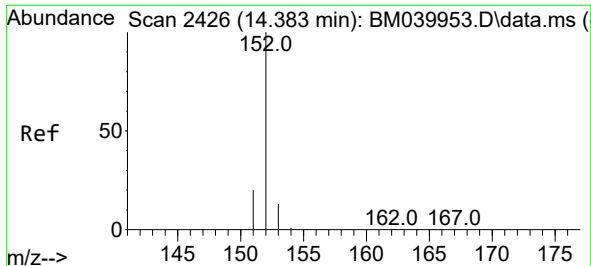
Tgt Ion:142 Resp: 29939
Ion Ratio Lower Upper
142 100
141 90.9 72.4 108.6



#8
1-Methylnaphthalene
Concen: 0.765 ng/ul
RT: 12.714 min Scan# 2089
Delta R.T. 0.000 min
Lab File: BM039956.D
Acq: 19 May 2023 13:14

Tgt Ion:142 Resp: 31148
Ion Ratio Lower Upper
142 100
141 94.0 74.7 112.1

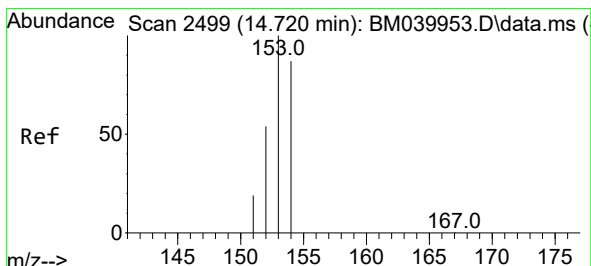
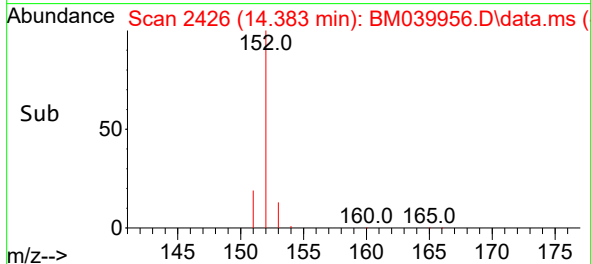
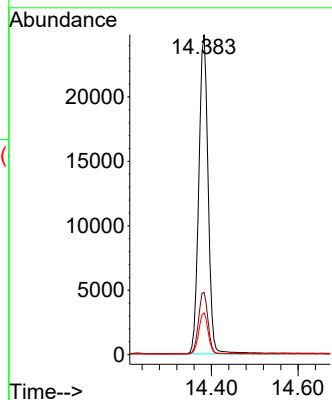
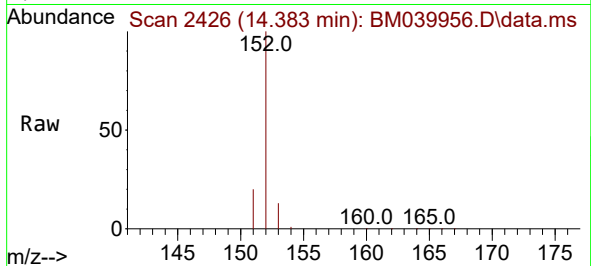




#10
Acenaphthylene
Concen: 0.770 ng/ul
RT: 14.383 min Scan# 2426
Delta R.T. 0.000 min
Lab File: BM039956.D
Acq: 19 May 2023 13:14

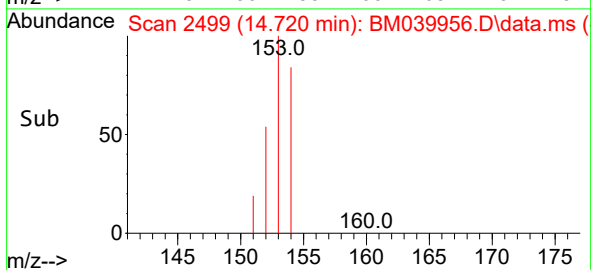
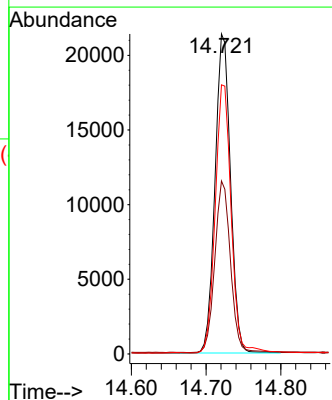
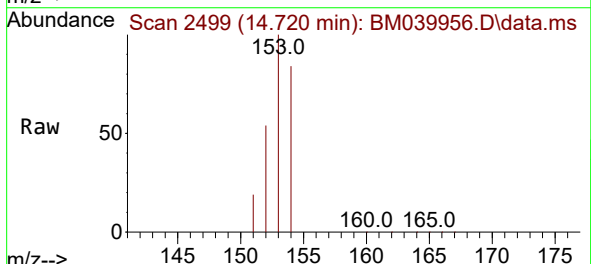
Instrument :
BNA_M
ClientSampleId :
SSTD0.8046

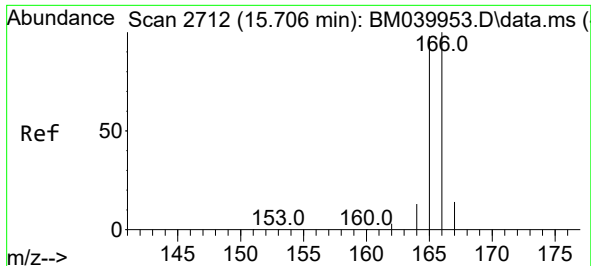
Tgt Ion:152 Resp: 36944
Ion Ratio Lower Upper
152 100
151 19.5 16.3 24.5
153 13.0 10.6 15.8



#11
Acenaphthene
Concen: 0.778 ng/ul
RT: 14.720 min Scan# 2499
Delta R.T. 0.000 min
Lab File: BM039956.D
Acq: 19 May 2023 13:14

Tgt Ion:153 Resp: 30689
Ion Ratio Lower Upper
153 100
152 54.1 43.5 65.3
154 84.1 67.8 101.6

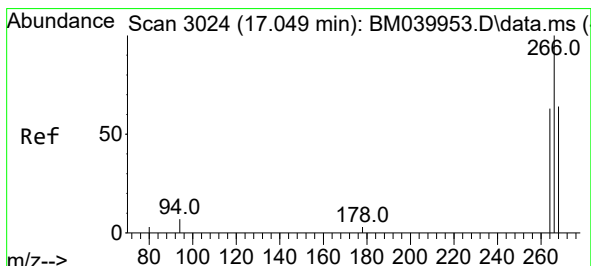
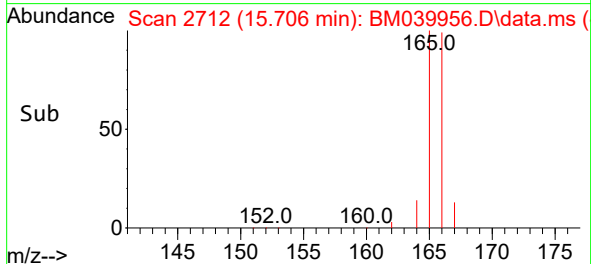
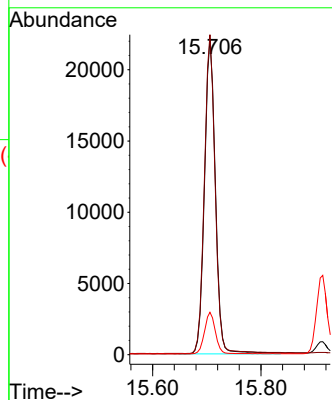
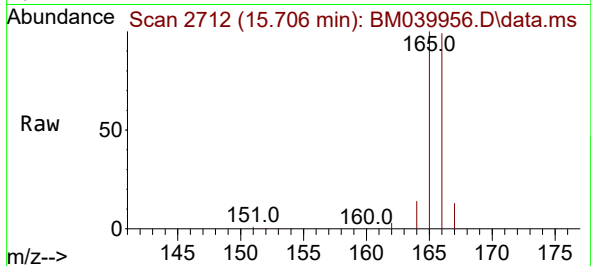




#12
Fluorene
Concen: 0.774 ng/ul
RT: 15.706 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039956.D
Acq: 19 May 2023 13:14

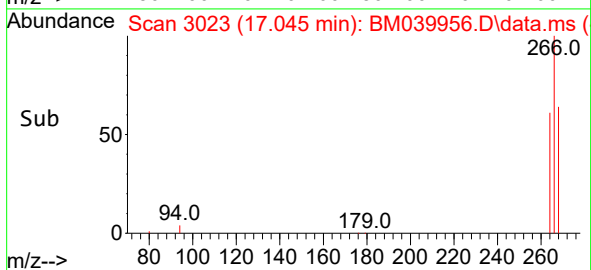
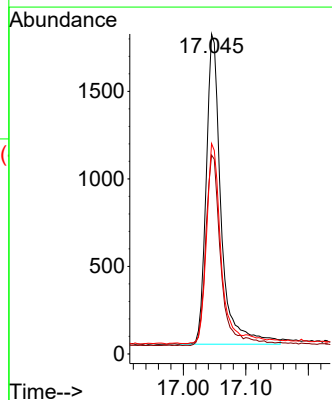
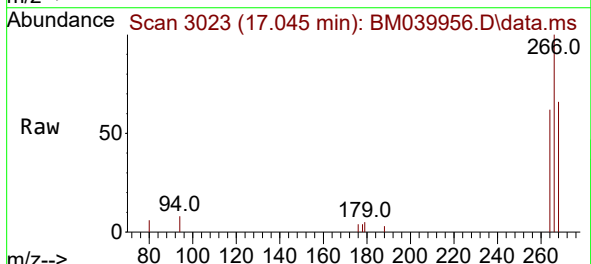
Instrument :
BNA_M
ClientSampleId :
SSTD0.8046

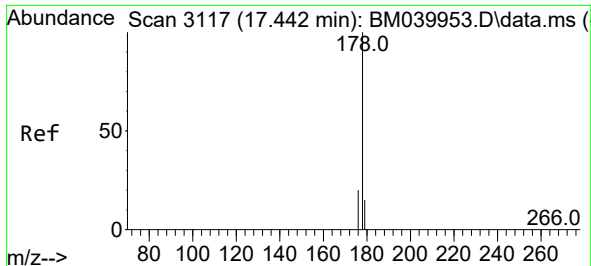
Tgt Ion:166 Resp: 30868
Ion Ratio Lower Upper
166 100
165 101.3 80.1 120.1
167 13.4 11.0 16.4



#14
Pentachlorophenol
Concen: 0.735 ng/ul
RT: 17.045 min Scan# 3023
Delta R.T. 0.000 min
Lab File: BM039956.D
Acq: 19 May 2023 13:14

Tgt Ion:266 Resp: 2931
Ion Ratio Lower Upper
266 100
264 62.6 51.0 76.6
268 65.1 53.4 80.2

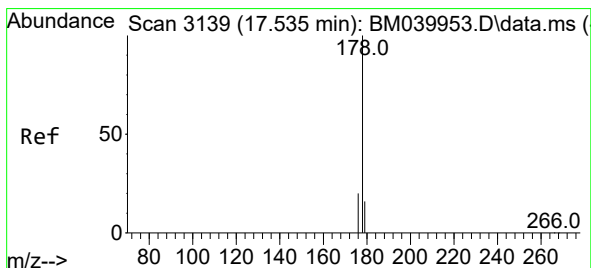
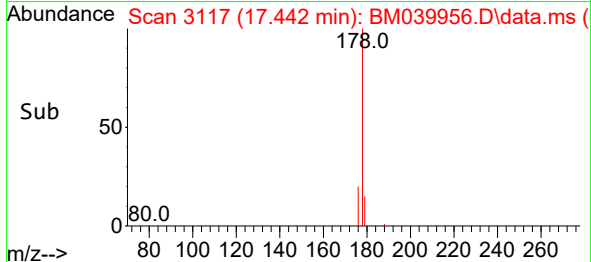
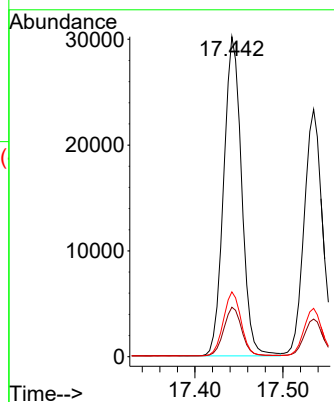
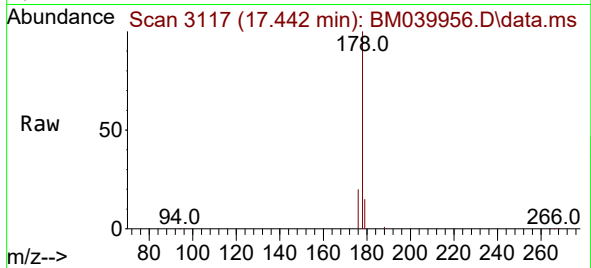




#15
Phenanthrene
Concen: 0.776 ng/ul
RT: 17.442 min Scan# 3117
Delta R.T. 0.000 min
Lab File: BM039956.D
Acq: 19 May 2023 13:14

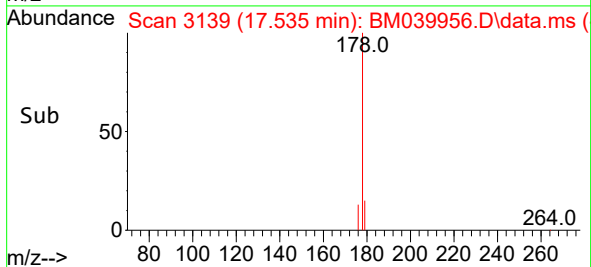
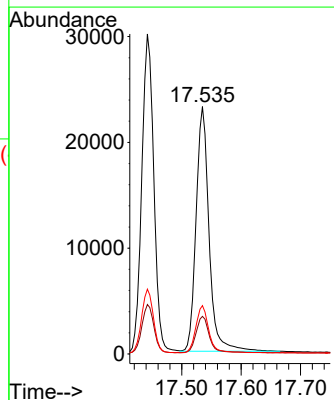
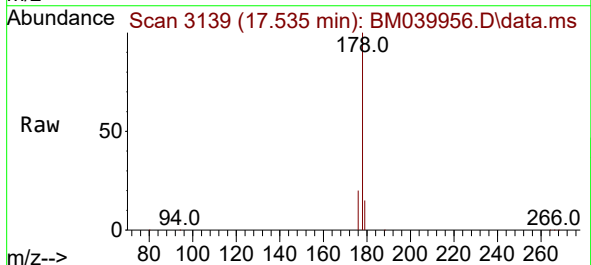
Instrument :
BNA_M
ClientSampleId :
SSTD0.8046

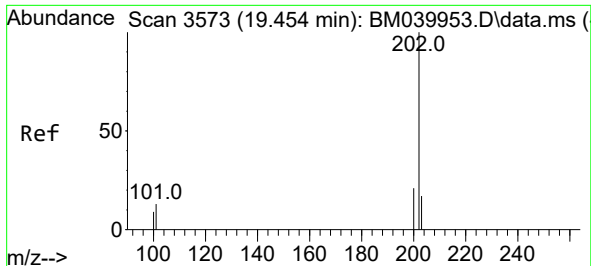
Tgt Ion:178 Resp: 42644
Ion Ratio Lower Upper
178 100
179 15.5 12.5 18.7
176 20.3 16.6 24.8



#16
Anthracene
Concen: 0.778 ng/ul
RT: 17.535 min Scan# 3139
Delta R.T. 0.000 min
Lab File: BM039956.D
Acq: 19 May 2023 13:14

Tgt Ion:178 Resp: 35015
Ion Ratio Lower Upper
178 100
179 15.2 12.6 18.8
176 19.5 15.6 23.4

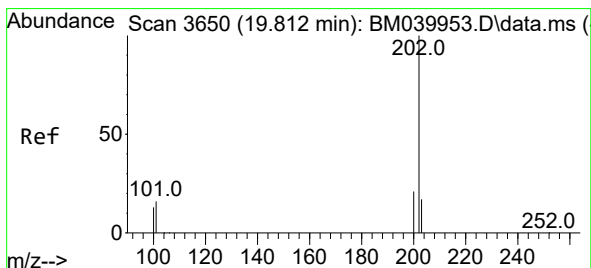
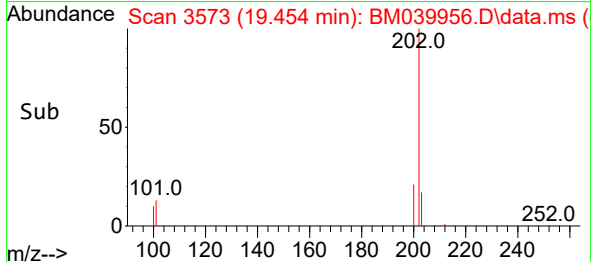
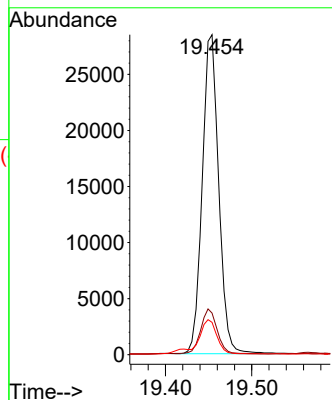
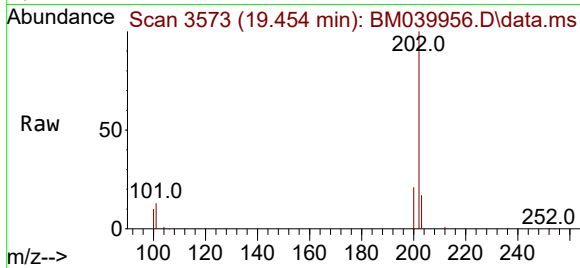




#19
Fluoranthene
Concen: 0.766 ng/ul
RT: 19.454 min Scan# 3573
Delta R.T. 0.000 min
Lab File: BM039956.D
Acq: 19 May 2023 13:14

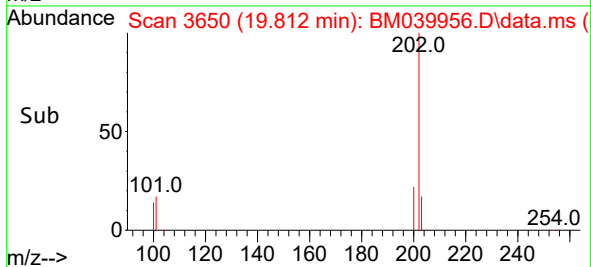
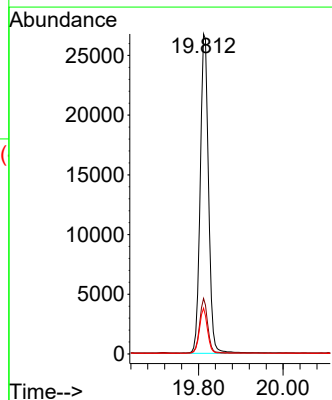
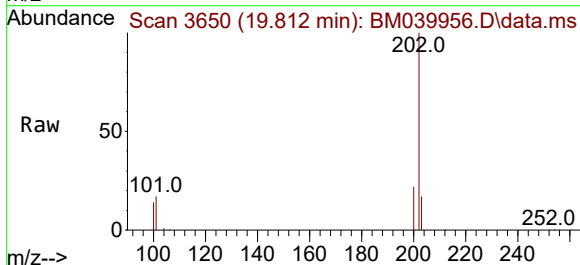
Instrument :
BNA_M
ClientSampleId :
SSTD0.8046

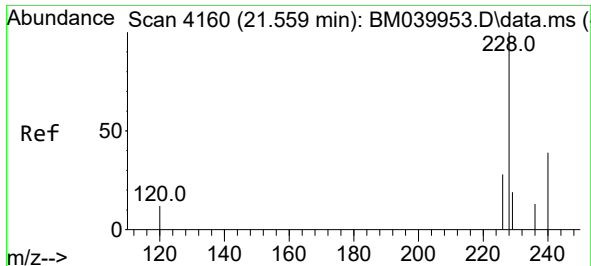
Tgt Ion:202 Resp: 37767
Ion Ratio Lower Upper
202 100
101 13.0 10.8 16.2
100 10.1 8.2 12.4



#20
Pyrene
Concen: 0.747 ng/ul
RT: 19.812 min Scan# 3650
Delta R.T. 0.000 min
Lab File: BM039956.D
Acq: 19 May 2023 13:14

Tgt Ion:202 Resp: 36417
Ion Ratio Lower Upper
202 100
101 17.4 13.8 20.6
100 14.3 11.1 16.7

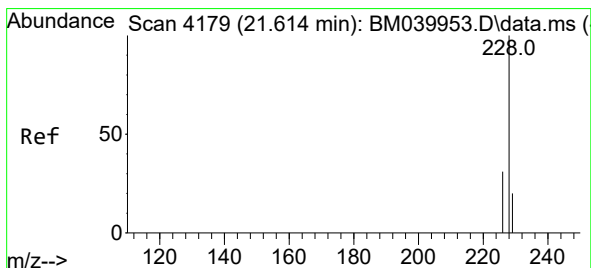
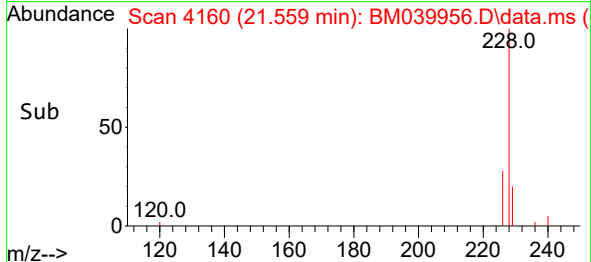
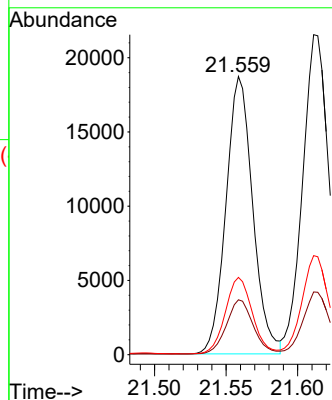
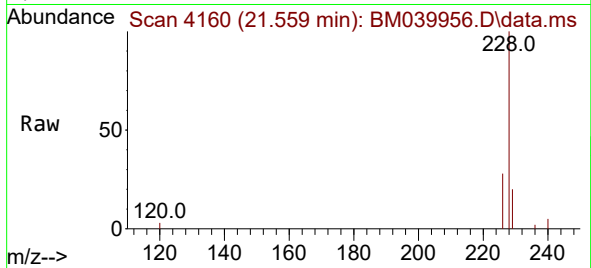




#21
Benzo(a)anthracene
Concen: 0.757 ng/ul
RT: 21.559 min Scan# 4160
Delta R.T. 0.000 min
Lab File: BM039956.D
Acq: 19 May 2023 13:14

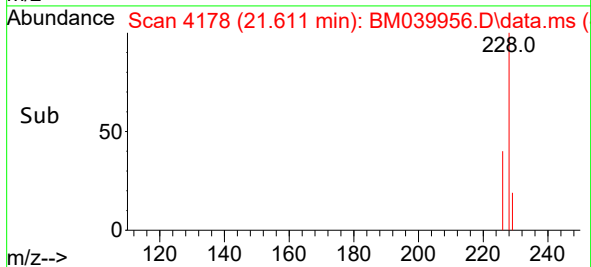
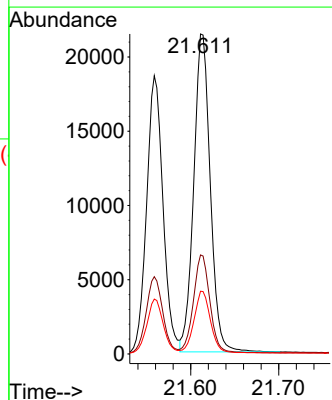
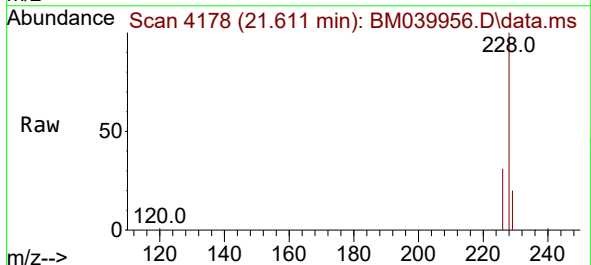
Instrument :
BNA_M
ClientSampleId :
SSTD0.8046

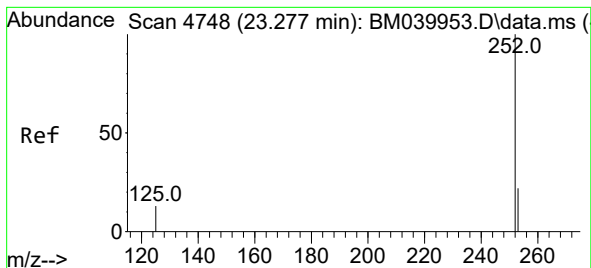
Tgt Ion:228 Resp: 24305
Ion Ratio Lower Upper
228 100
229 19.7 15.7 23.5
226 27.8 22.7 34.1



#22
Chrysene
Concen: 0.751 ng/ul
RT: 21.611 min Scan# 4178
Delta R.T. -0.003 min
Lab File: BM039956.D
Acq: 19 May 2023 13:14

Tgt Ion:228 Resp: 28007
Ion Ratio Lower Upper
228 100
226 31.0 24.6 36.8
229 19.6 15.8 23.6





#24

Benzo(b)fluoranthene

Concen: 0.765 ng/ul

RT: 23.280 min Scan# 4749

Delta R.T. 0.003 min

Lab File: BM039956.D

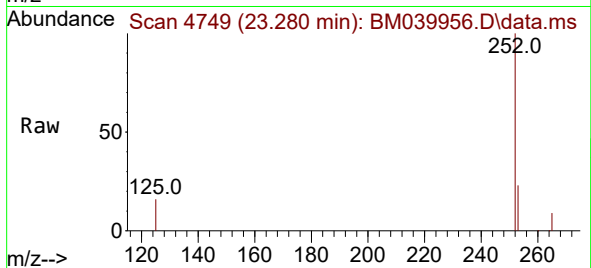
Acq: 19 May 2023 13:14

Instrument :

BNA_M

ClientSampleId :

SSTD0.8046



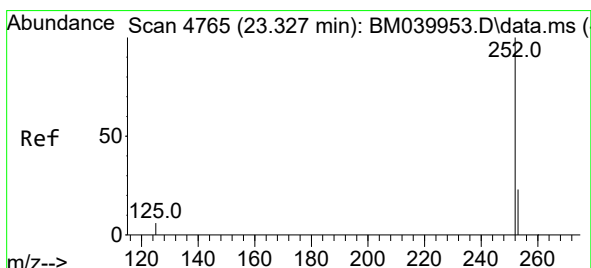
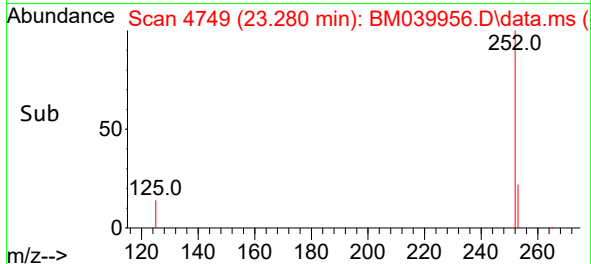
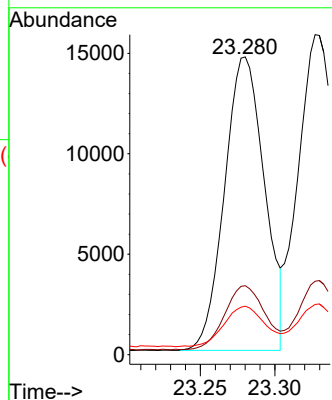
Tgt Ion:252 Resp: 27202

Ion Ratio Lower Upper

252 100

253 23.2 0.0 49.2

125 16.3 0.0 37.2



#25

Benzo(k)fluoranthene

Concen: 0.791 ng/ul

RT: 23.327 min Scan# 4765

Delta R.T. -0.003 min

Lab File: BM039956.D

Acq: 19 May 2023 13:14

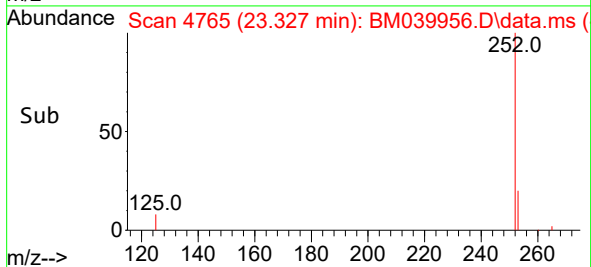
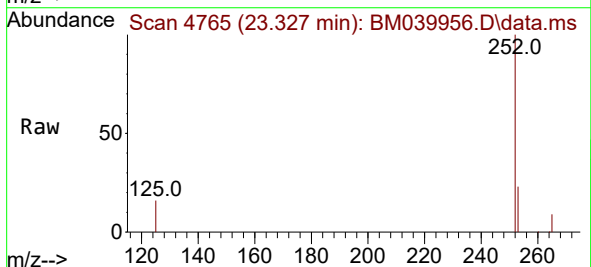
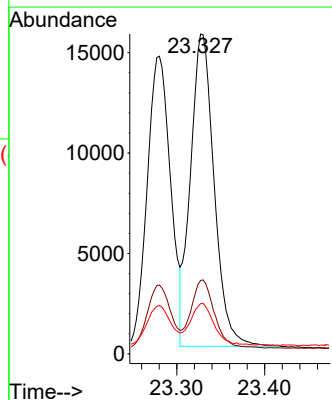
Tgt Ion:252 Resp: 29137

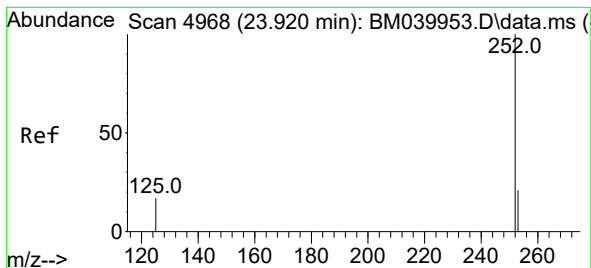
Ion Ratio Lower Upper

252 100

253 22.9 19.8 29.8

125 15.7 14.7 22.1





#26

Benzo(a)pyrene

Concen: 0.763 ng/ul

RT: 23.920 min Scan# 4968

Delta R.T. 0.003 min

Lab File: BM039956.D

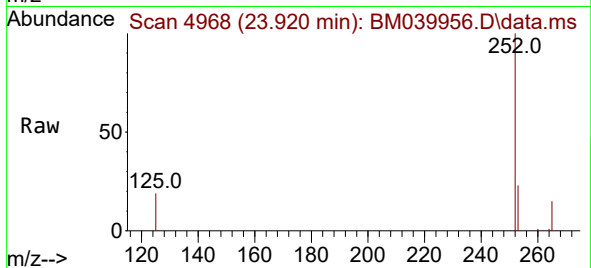
Acq: 19 May 2023 13:14

Instrument :

BNA_M

ClientSampleId :

SSTD0.8046



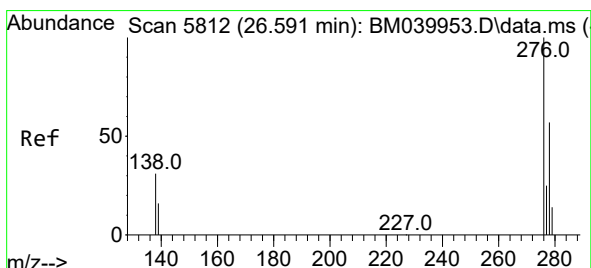
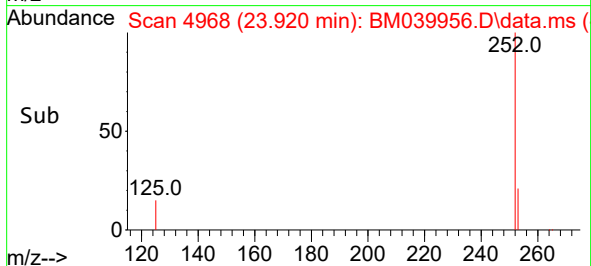
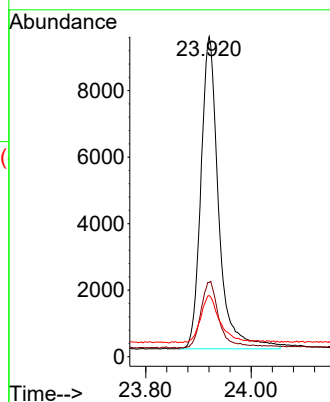
Tgt Ion:252 Resp: 21934

Ion Ratio Lower Upper

252 100

253 23.2 20.3 30.5

125 19.1 17.8 26.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.813 ng/ul

RT: 26.585 min Scan# 5810

Delta R.T. 0.003 min

Lab File: BM039956.D

Acq: 19 May 2023 13:14

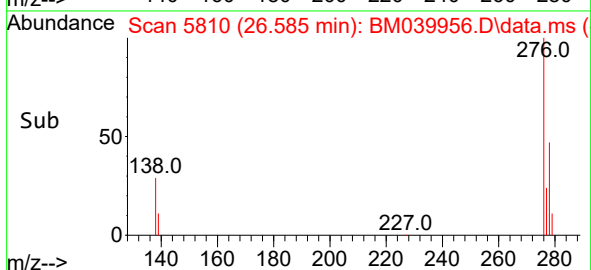
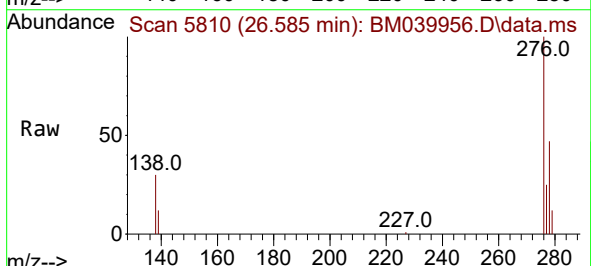
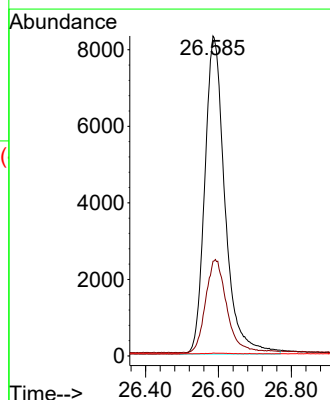
Tgt Ion:276 Resp: 31841

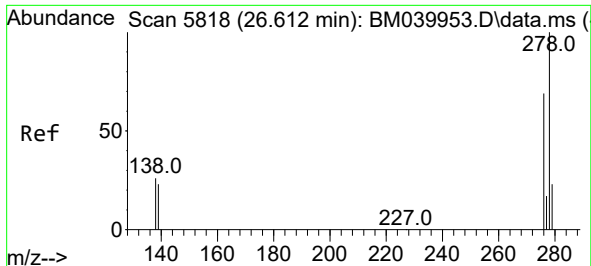
Ion Ratio Lower Upper

276 100

138 30.9 24.8 37.2

227 0.2 0.1 0.1#

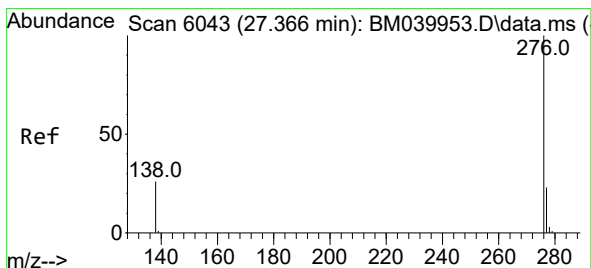
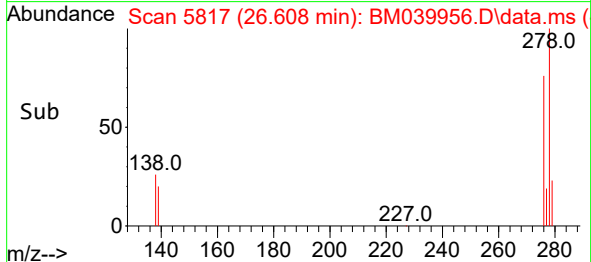
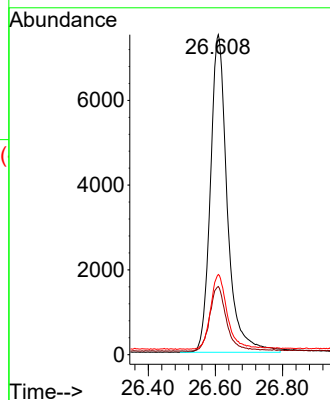
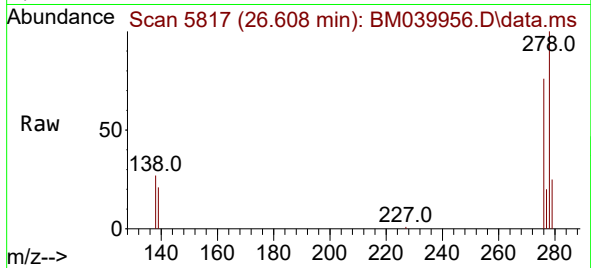




#28
Dibenzo(a,h)anthracene
Concen: 0.831 ng/ul
RT: 26.608 min Scan# 5817
Delta R.T. 0.000 min
Lab File: BM039956.D
Acq: 19 May 2023 13:14

Instrument :
BNA_M
ClientSampleId :
SSTD0.8046

Tgt Ion:	278	Resp:	26117
Ion Ratio	Lower	Upper	
278	100		
139	21.3	18.4	27.6
279	25.0	21.6	32.4



#29
Benzo(g,h,i)perylene
Concen: 0.826 ng/ul
RT: 27.366 min Scan# 6043
Delta R.T. -0.003 min
Lab File: BM039956.D
Acq: 19 May 2023 13:14

Tgt Ion:	276	Resp:	27739
Ion Ratio	Lower	Upper	
276	100		
138	27.2	23.1	34.7
277	24.6	19.9	29.9

