

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040623\
 Data File : BM039309.D
 Acq On : 06 Apr 2023 09:09
 Operator : CG/JU
 Sample : SST0.140
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.1015

Quant Time: Apr 06 23:45:22 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:03:35 2023
 Response via : Initial Calibration

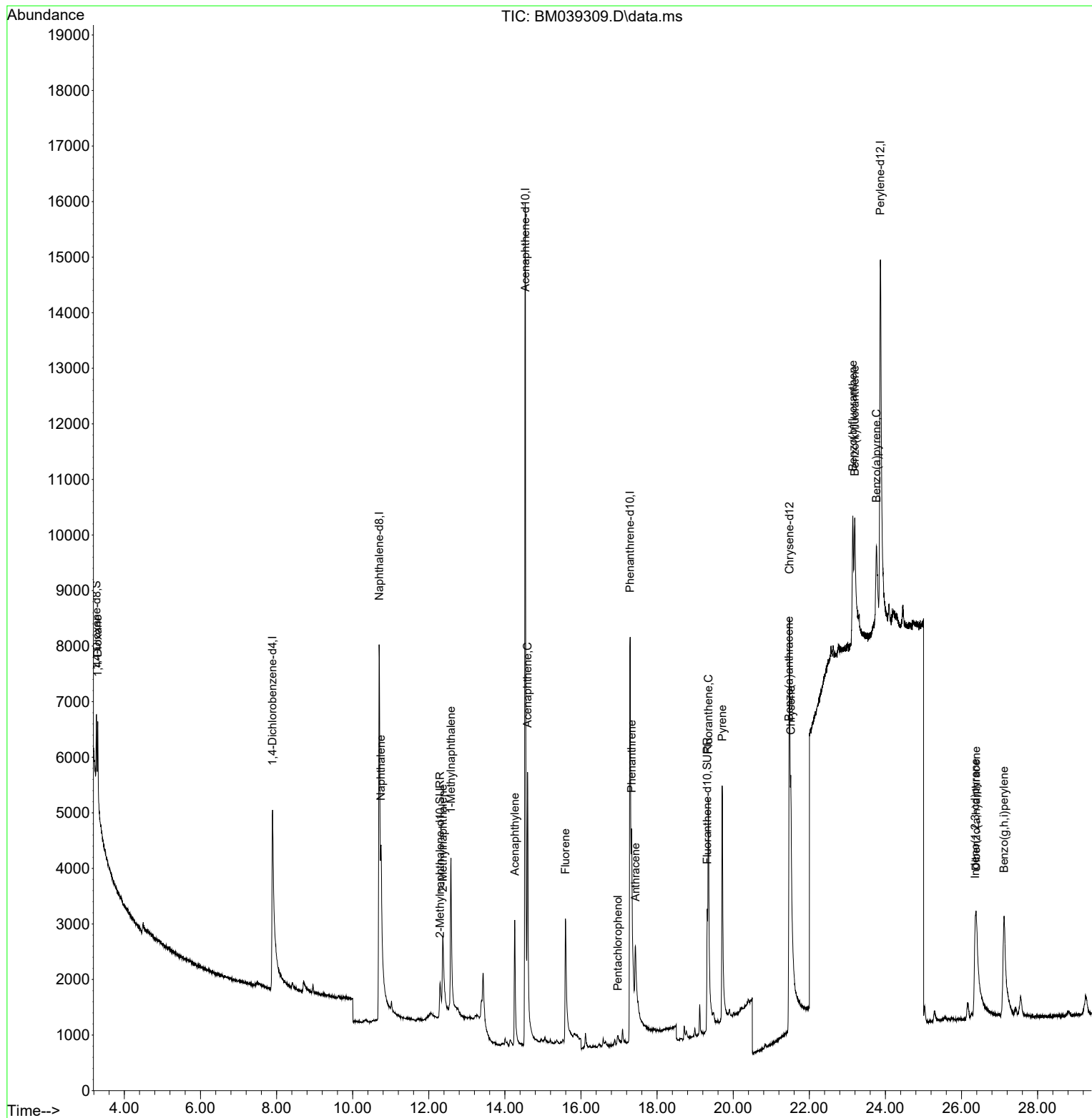
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.895	152	4261	0.400	ng/ul	0.00
4) Naphthalene-d8	10.696	136	18721	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.536	164	10389	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.291	188	13825	0.400	ng/ul	0.00
17) Chrysene-d12	21.477	240	12772	0.400	ng/ul	0.00
23) Perylene-d12	23.868	264	13600	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.267	96	987	0.125	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.297	152	2049	0.095	ng/ul	0.00
18) Fluoranthene-d10	19.320	212	3783	0.095	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.301	88	1111	0.132	ng/ul#	71
5) Naphthalene	10.746	128	4449	0.100	ng/ul#	90
7) 2-Methylnaphthalene	12.368	142	2397	0.096	ng/ul	98
8) 1-Methylnaphthalene	12.583	142	2795	0.099	ng/ul	99
10) Acenaphthylene	14.259	152	3918	0.097	ng/ul	94
11) Acenaphthene	14.597	153	3118	0.098	ng/ul	98
12) Fluorene	15.591	166	2858	0.090	ng/ul#	96
14) Pentachlorophenol	16.965	266	292	0.089	ng/ul#	82
15) Phenanthrene	17.333	178	3878	0.101	ng/ul#	89
16) Anthracene	17.430	178	2901	0.099	ng/ul#	84
19) Fluoranthene	19.348	202	5033	0.095	ng/ul#	92
20) Pyrene	19.710	202	5912	0.098	ng/ul#	91
21) Benzo(a)anthracene	21.466	228	2826	0.095	ng/ul	92
22) Chrysene	21.515	228	3371	0.093	ng/ul	95
24) Benzo(b)fluoranthene	23.143	252	3913	0.091	ng/ul#	45
25) Benzo(k)fluoranthene	23.193	252	3792	0.092	ng/ul#	45
26) Benzo(a)pyrene	23.769	252	4188	0.096	ng/ul#	35
27) Indeno(1,2,3-cd)pyrene	26.357	276	5637	0.103	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.387	278	3882	0.101	ng/ul#	49
29) Benzo(g,h,i)perylene	27.115	276	5618	0.107	ng/ul#	83

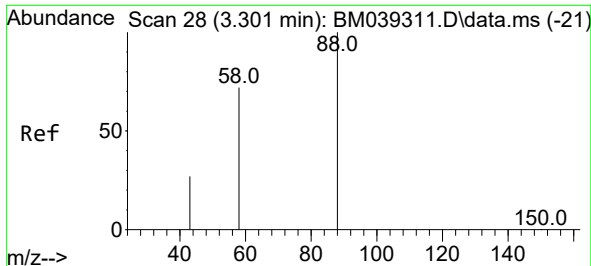
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040623\
Data File : BM039309.D
Acq On : 06 Apr 2023 09:09
Operator : CG/JU
Sample : SST0.140
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.1015

Quant Time: Apr 06 23:45:22 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 13:03:35 2023
Response via : Initial Calibration

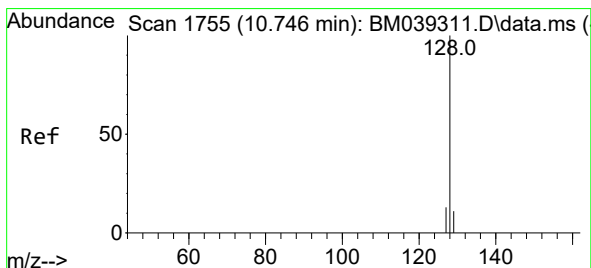
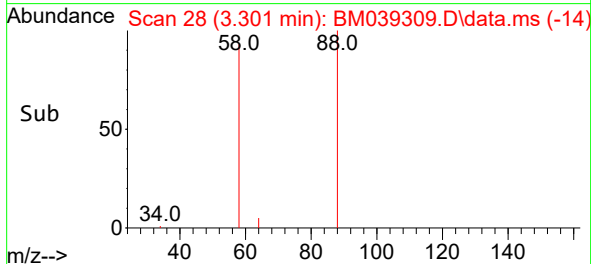
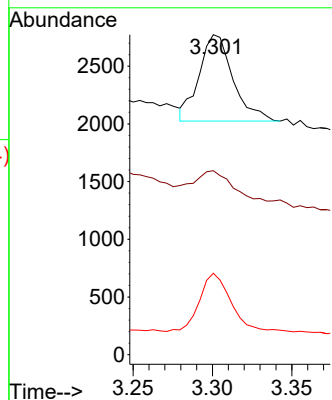
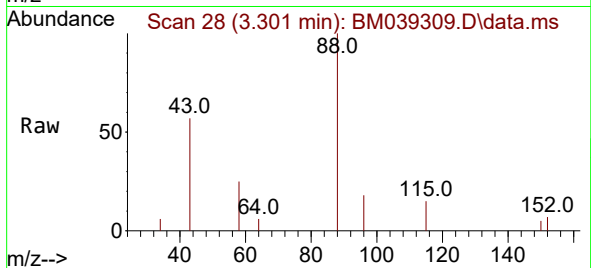




#2
1,4-Dioxane
Concen: 0.132 ng/ul
RT: 3.301 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM039309.D
Acq: 06 Apr 2023 09:09

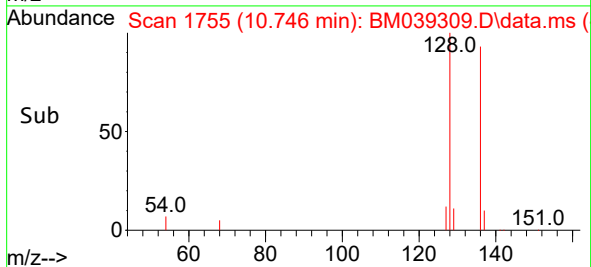
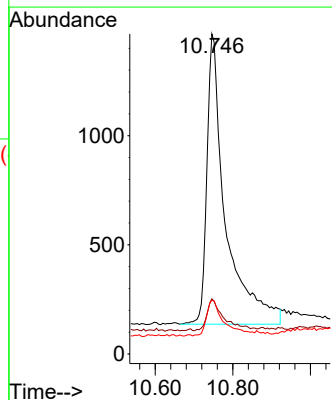
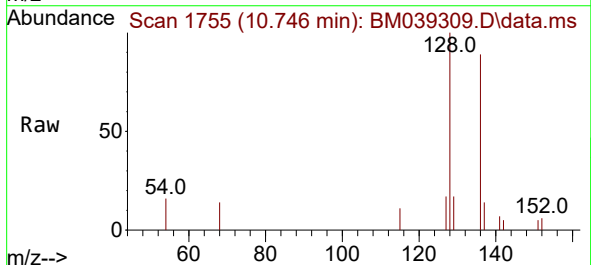
Instrument :
BNA_M
ClientSampleId :
SSTD0.1015

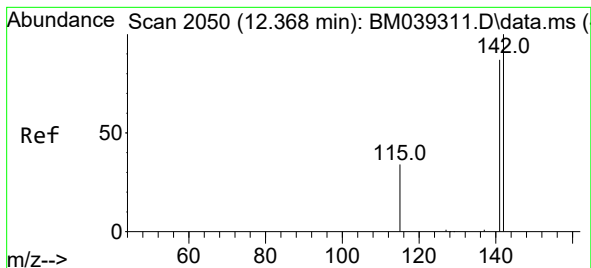
Tgt Ion: 88 Resp: 1111
Ion Ratio Lower Upper
88 100
43 57.5 30.6 45.8#
58 25.5 34.1 51.1#



#5
Naphthalene
Concen: 0.100 ng/ul
RT: 10.746 min Scan# 1755
Delta R.T. -0.000 min
Lab File: BM039309.D
Acq: 06 Apr 2023 09:09

Tgt Ion: 128 Resp: 4449
Ion Ratio Lower Upper
128 100
129 17.2 10.1 15.1#
127 16.8 11.0 16.4#

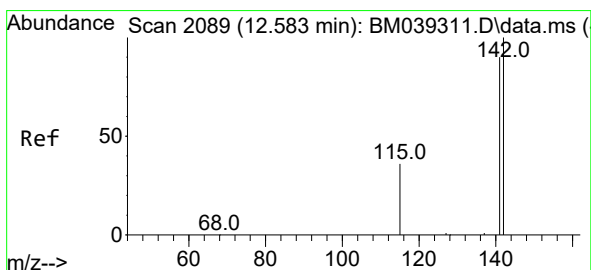
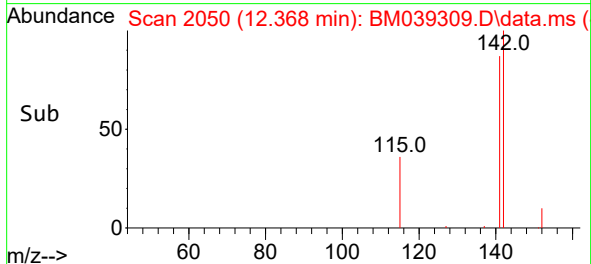
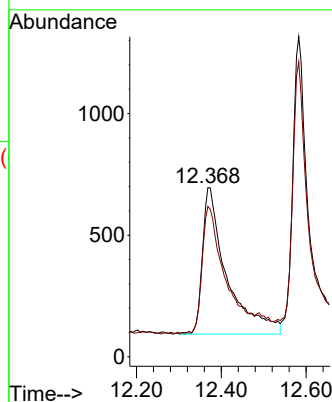
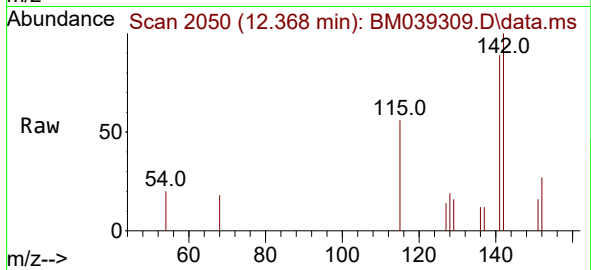




#7
2-Methylnaphthalene
Concen: 0.096 ng/ul
RT: 12.368 min Scan# 2050
Delta R.T. -0.000 min
Lab File: BM039309.D
Acq: 06 Apr 2023 09:09

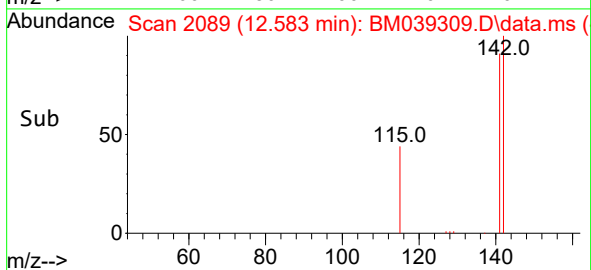
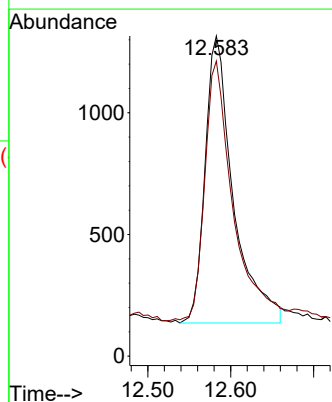
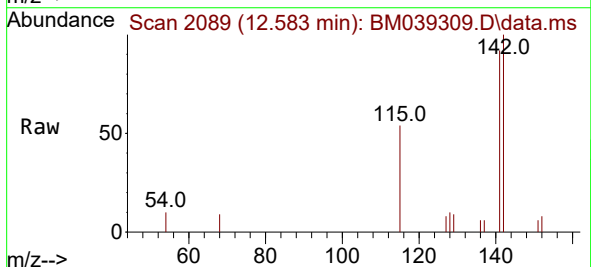
Instrument :
BNA_M
ClientSampleId :
SSTD0.1015

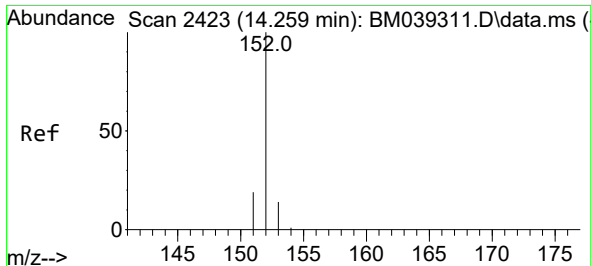
Tgt Ion:142 Resp: 2397
Ion Ratio Lower Upper
142 100
141 91.7 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.099 ng/ul
RT: 12.583 min Scan# 2089
Delta R.T. -0.000 min
Lab File: BM039309.D
Acq: 06 Apr 2023 09:09

Tgt Ion:142 Resp: 2795
Ion Ratio Lower Upper
142 100
141 89.9 72.6 109.0

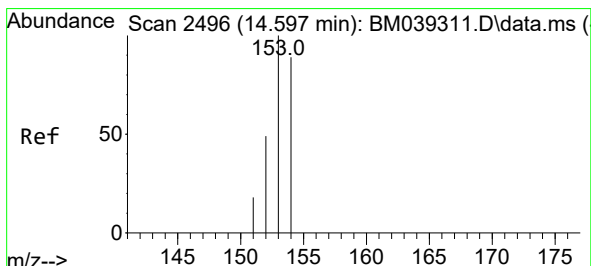
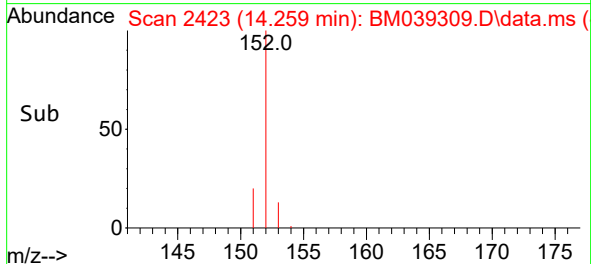
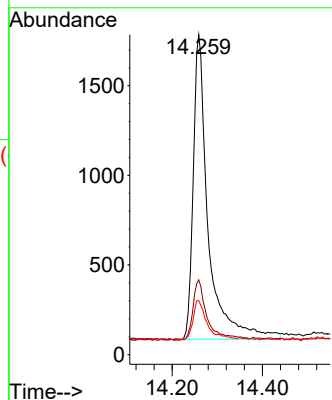
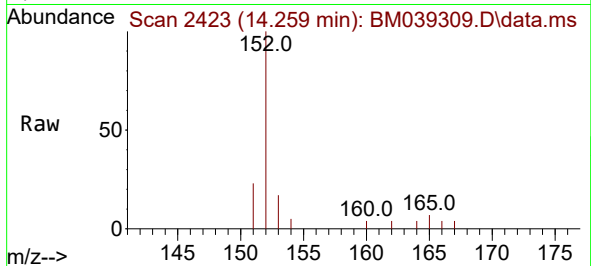




#10
Acenaphthylene
Concen: 0.097 ng/ul
RT: 14.259 min Scan# 2423
Delta R.T. -0.000 min
Lab File: BM039309.D
Acq: 06 Apr 2023 09:09

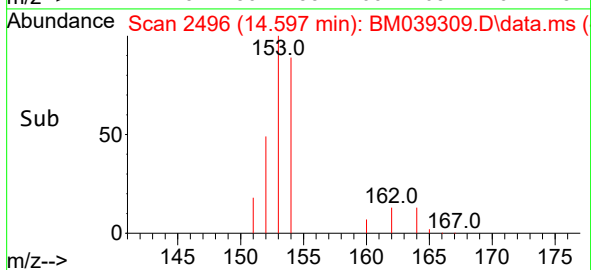
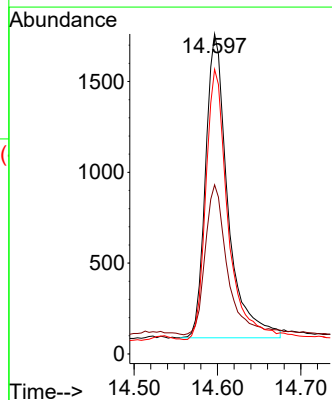
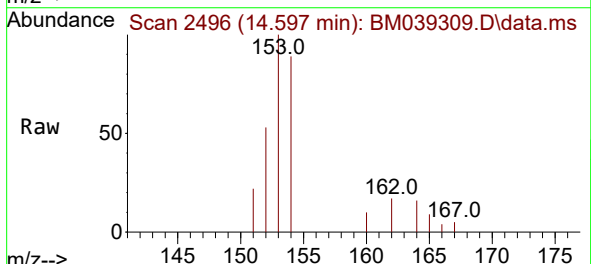
Instrument :
BNA_M
ClientSampleId :
SSTD0.1015

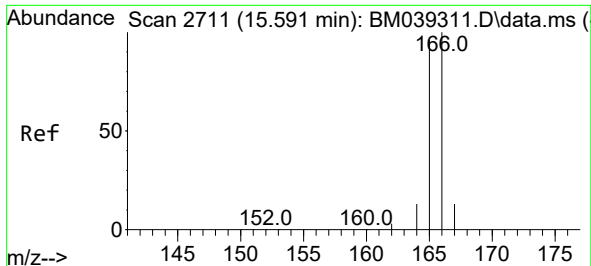
Tgt Ion:	152	Resp:	3918
Ion Ratio	Lower	Upper	
152	100		
151	23.4	16.2	24.4
153	16.9	11.6	17.4



#11
Acenaphthene
Concen: 0.098 ng/ul
RT: 14.597 min Scan# 2496
Delta R.T. -0.000 min
Lab File: BM039309.D
Acq: 06 Apr 2023 09:09

Tgt Ion:	153	Resp:	3118
Ion Ratio	Lower	Upper	
153	100		
152	52.8	40.3	60.5
154	88.9	71.5	107.3

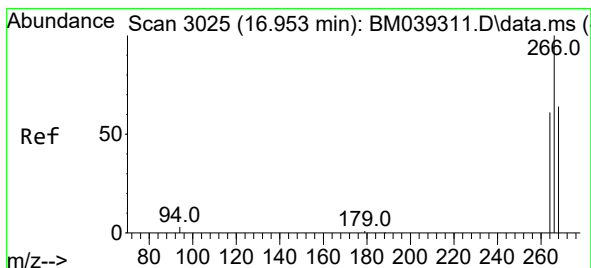
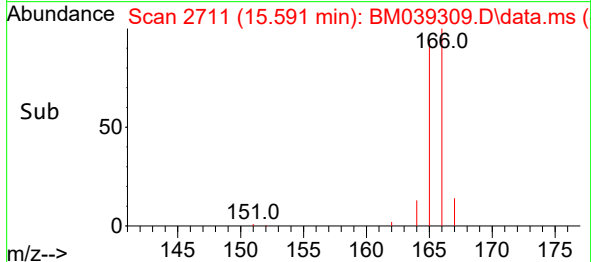
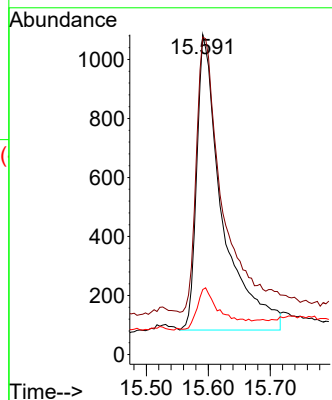
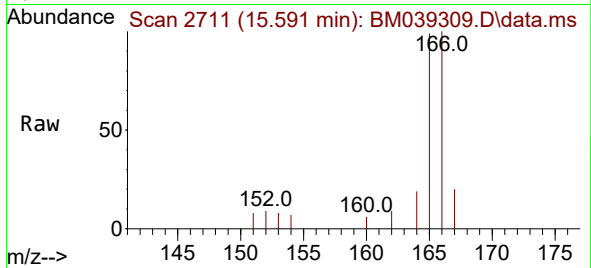




#12
Fluorene
Concen: 0.090 ng/ul
RT: 15.591 min Scan# 2711
Delta R.T. -0.000 min
Lab File: BM039309.D
Acq: 06 Apr 2023 09:09

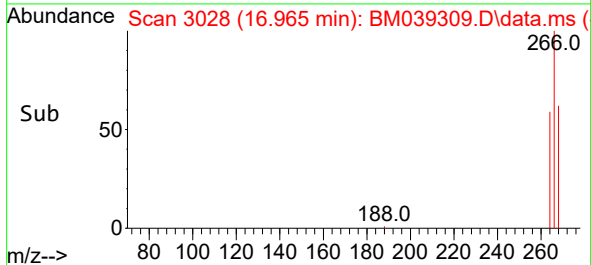
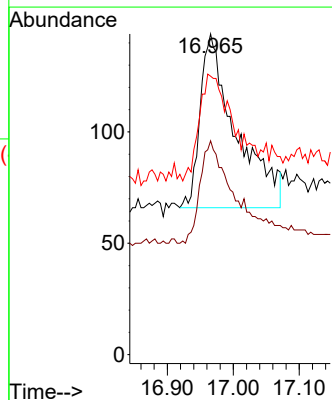
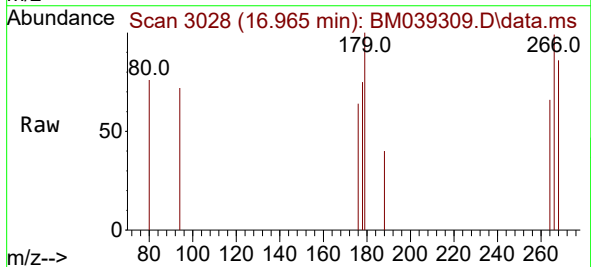
Instrument :
BNA_M
ClientSampleId :
SSTD0.1015

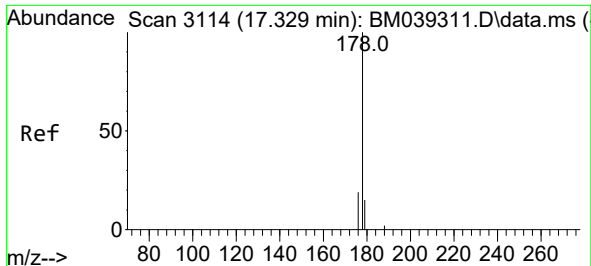
Tgt Ion:166 Resp: 2858
Ion Ratio Lower Upper
166 100
165 99.3 77.8 116.8
167 20.3 11.8 17.6#



#14
Pentachlorophenol
Concen: 0.089 ng/ul
RT: 16.965 min Scan# 3028
Delta R.T. 0.012 min
Lab File: BM039309.D
Acq: 06 Apr 2023 09:09

Tgt Ion:266 Resp: 292
Ion Ratio Lower Upper
266 100
264 58.9 39.6 59.4
268 68.5 42.4 63.6#

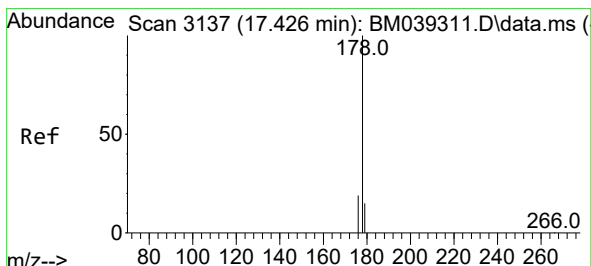
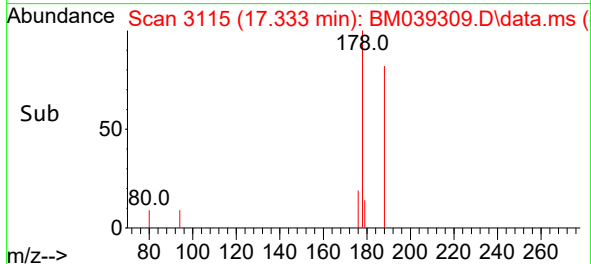
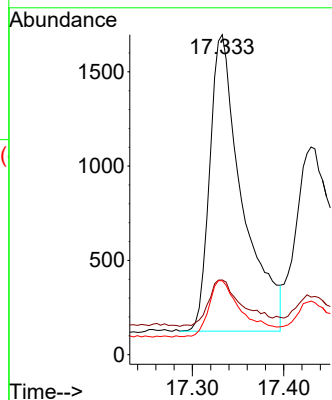
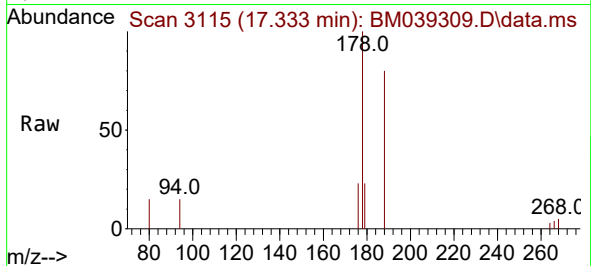




#15
Phenanthrene
Concen: 0.101 ng/ul
RT: 17.333 min Scan# 3115
Delta R.T. 0.004 min
Lab File: BM039309.D
Acq: 06 Apr 2023 09:09

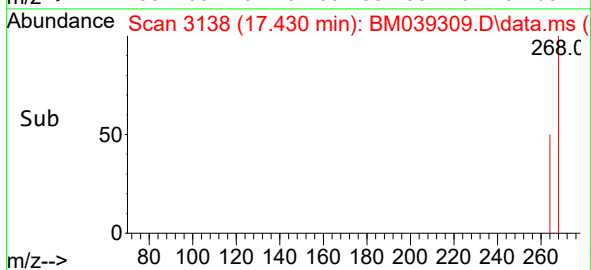
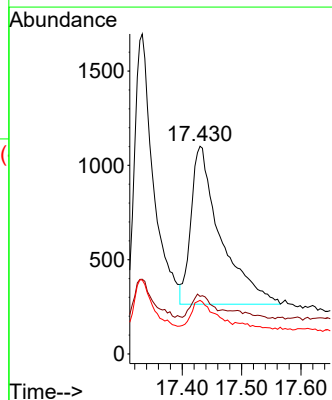
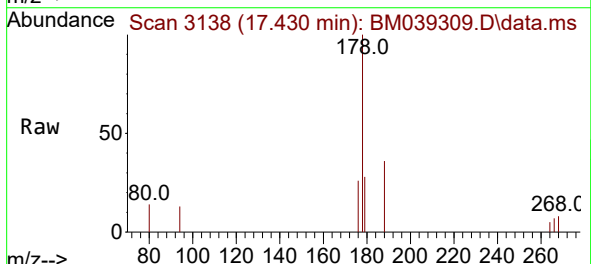
Instrument :
BNA_M
ClientSampleId :
SSTD0.1015

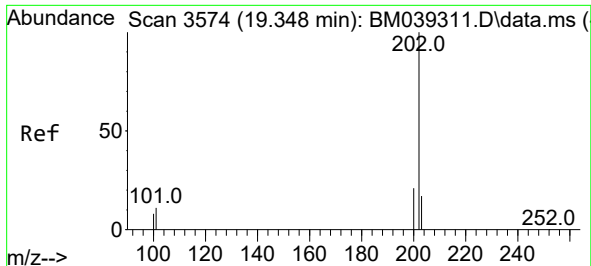
Tgt Ion:178 Resp: 3878
Ion Ratio Lower Upper
178 100
179 23.3 13.4 20.2#
176 23.1 15.8 23.6



#16
Anthracene
Concen: 0.099 ng/ul
RT: 17.430 min Scan# 3138
Delta R.T. 0.004 min
Lab File: BM039309.D
Acq: 06 Apr 2023 09:09

Tgt Ion:178 Resp: 2901
Ion Ratio Lower Upper
178 100
179 27.7 14.6 21.8#
176 25.8 16.6 24.8#

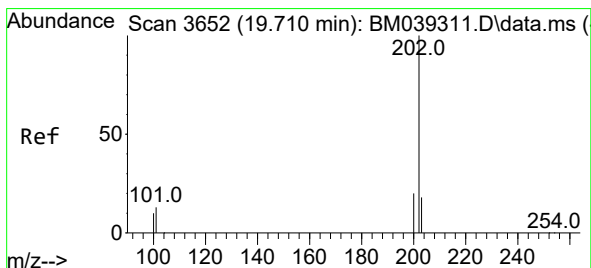
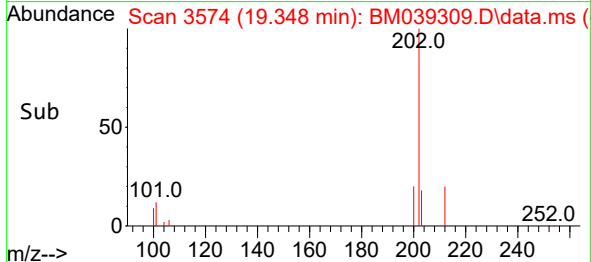
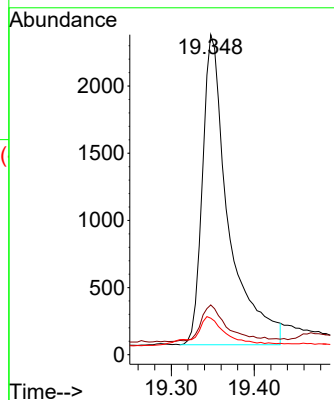
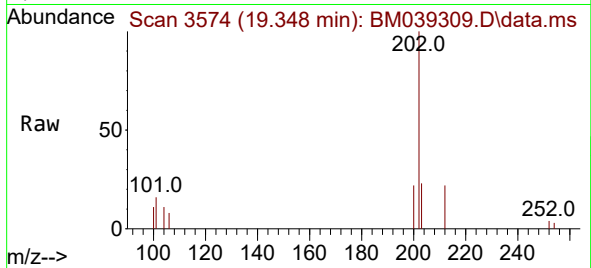




#19
Fluoranthene
Concen: 0.095 ng/ul
RT: 19.348 min Scan# 3574
Delta R.T. -0.000 min
Lab File: BM039309.D
Acq: 06 Apr 2023 09:09

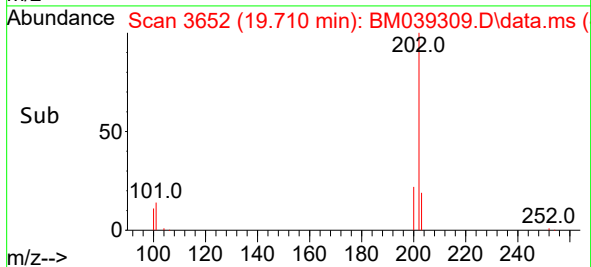
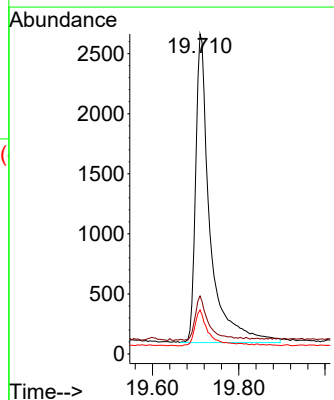
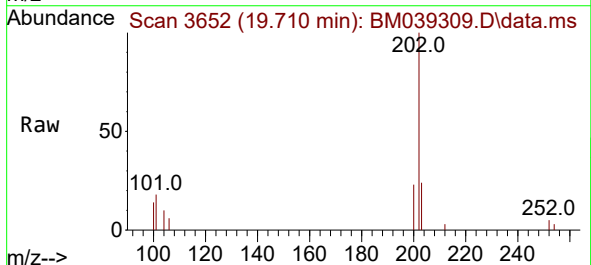
Instrument :
BNA_M
ClientSampleId :
SSTD0.1015

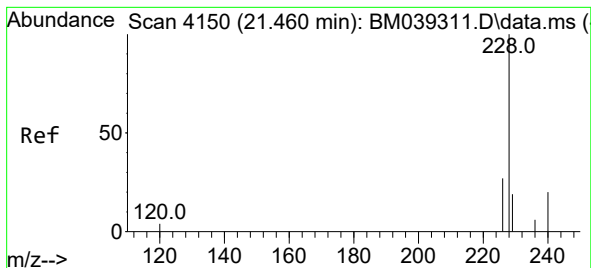
Tgt Ion:202 Resp: 5033
Ion Ratio Lower Upper
202 100
101 15.6 9.7 14.5#
100 11.4 7.4 11.0#



#20
Pyrene
Concen: 0.098 ng/ul
RT: 19.710 min Scan# 3652
Delta R.T. -0.000 min
Lab File: BM039309.D
Acq: 06 Apr 2023 09:09

Tgt Ion:202 Resp: 5912
Ion Ratio Lower Upper
202 100
101 18.1 11.1 16.7#
100 13.7 8.8 13.2#





#21

Benzo(a)anthracene

Concen: 0.095 ng/ul

RT: 21.466 min Scan# 41

Delta R.T. 0.006 min

Lab File: BM039309.D

Acq: 06 Apr 2023 09:09

Instrument :

BNA_M

ClientSampleId :

SSTD0.1015

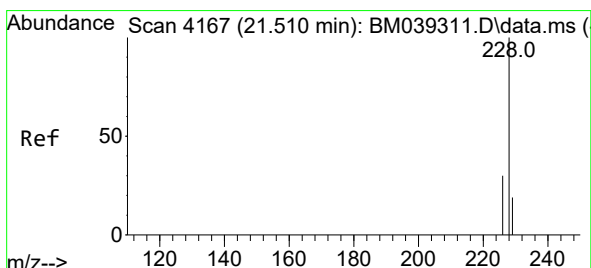
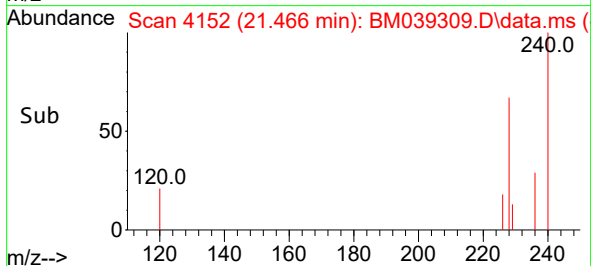
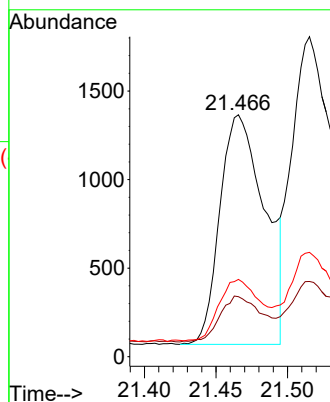
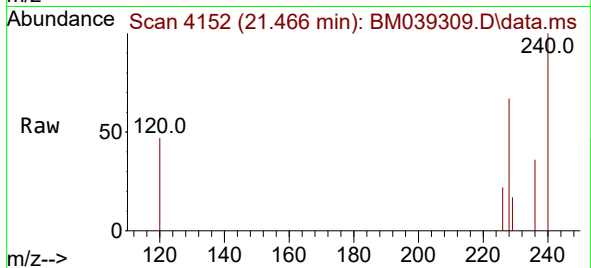
Tgt Ion:228 Resp: 2826

Ion Ratio Lower Upper

228 100

229 24.8 16.6 24.8

226 32.0 22.6 34.0



#22

Chrysene

Concen: 0.093 ng/ul

RT: 21.515 min Scan# 4169

Delta R.T. 0.006 min

Lab File: BM039309.D

Acq: 06 Apr 2023 09:09

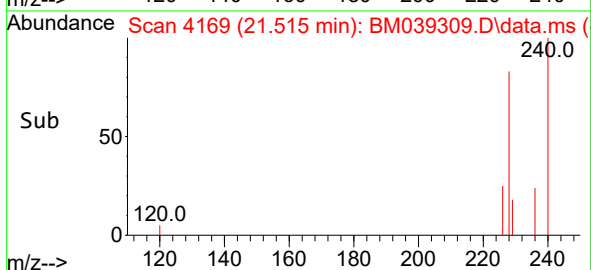
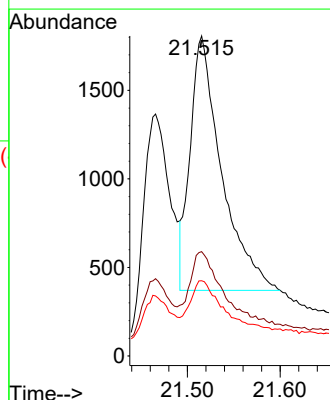
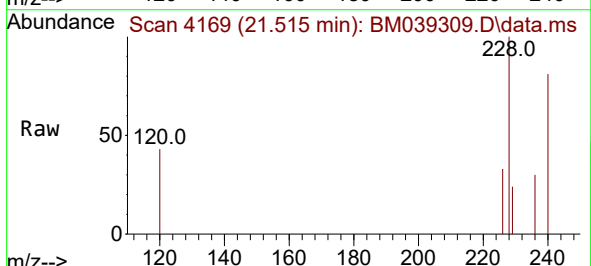
Tgt Ion:228 Resp: 3371

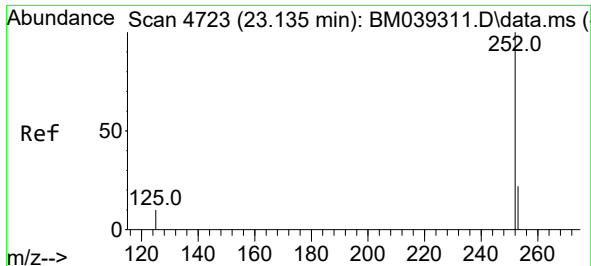
Ion Ratio Lower Upper

228 100

226 32.6 24.2 36.2

229 23.5 16.2 24.4

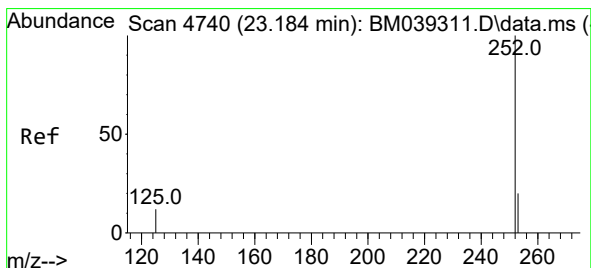
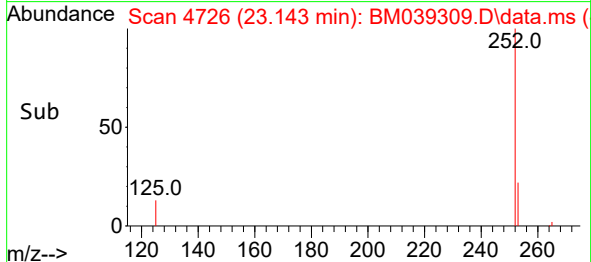
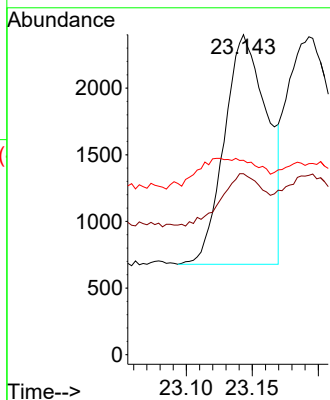
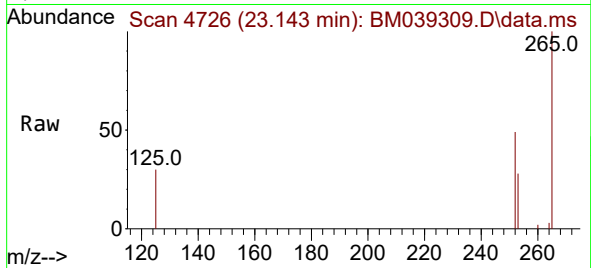




#24
Benzo(b)fluoranthene
Concen: 0.091 ng/ul
RT: 23.143 min Scan# 4726
Delta R.T. 0.009 min
Lab File: BM039309.D
Acq: 06 Apr 2023 09:09

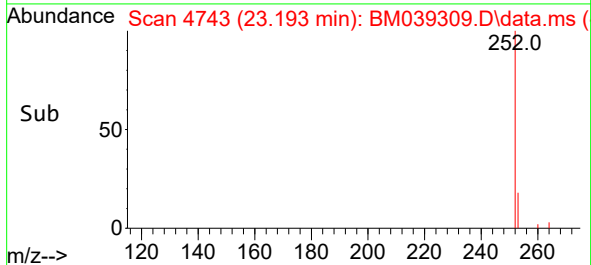
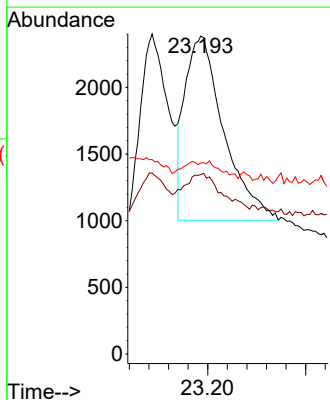
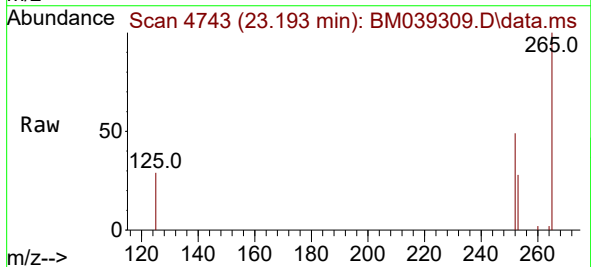
Instrument :
BNA_M
ClientSampleId :
SSTD0.1015

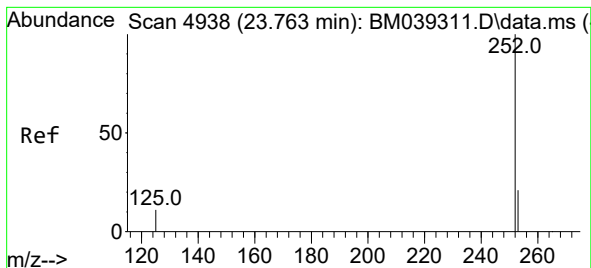
Tgt Ion:252 Resp: 3913
Ion Ratio Lower Upper
252 100
253 56.6 0.0 64.4
125 60.8 0.0 50.4#



#25
Benzo(k)fluoranthene
Concen: 0.092 ng/ul
RT: 23.193 min Scan# 4743
Delta R.T. 0.009 min
Lab File: BM039309.D
Acq: 06 Apr 2023 09:09

Tgt Ion:252 Resp: 3792
Ion Ratio Lower Upper
252 100
253 56.4 25.5 38.3#
125 60.1 20.4 30.6#





#26

Benzo(a)pyrene

Concen: 0.096 ng/ul

RT: 23.769 min Scan# 4938

Delta R.T. 0.006 min

Lab File: BM039309.D

Acq: 06 Apr 2023 09:09

Instrument :

BNA_M

ClientSampleId :

SSTD0.1015

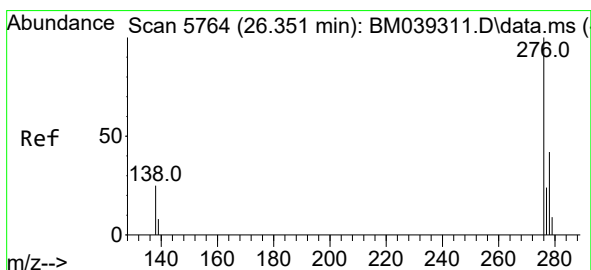
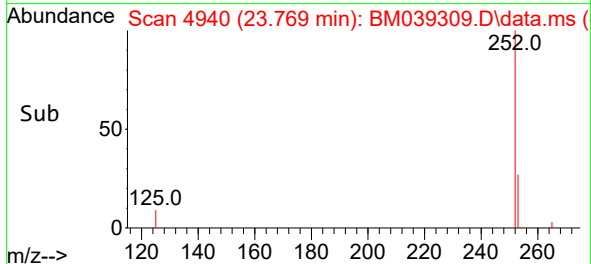
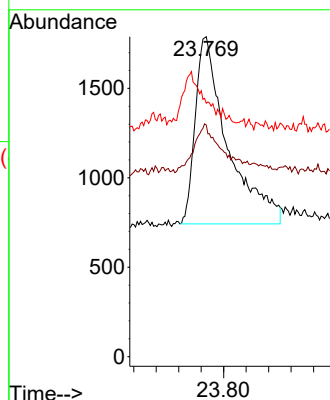
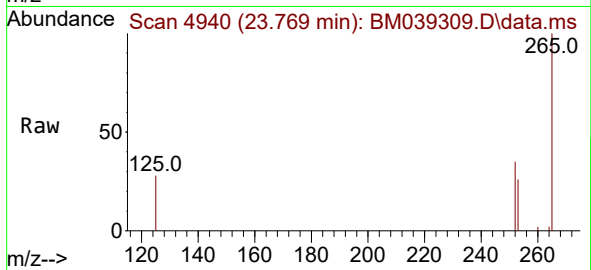
Tgt Ion:252 Resp: 4188

Ion Ratio Lower Upper

252 100

253 72.4 31.0 46.4#

125 79.2 28.2 42.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.103 ng/ul

RT: 26.357 min Scan# 5766

Delta R.T. 0.006 min

Lab File: BM039309.D

Acq: 06 Apr 2023 09:09

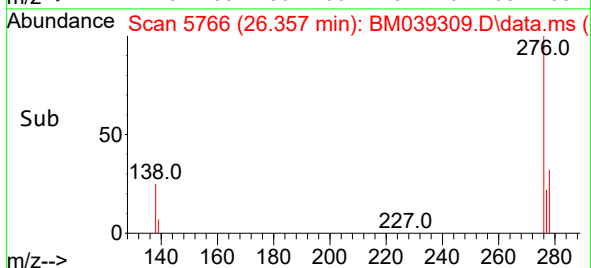
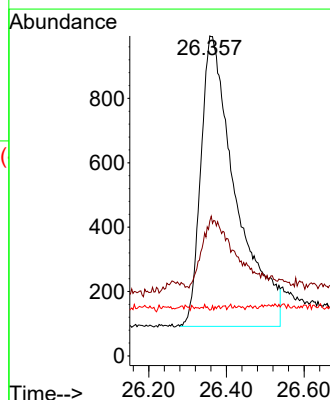
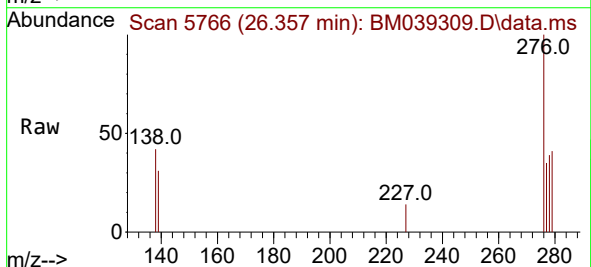
Tgt Ion:276 Resp: 5637

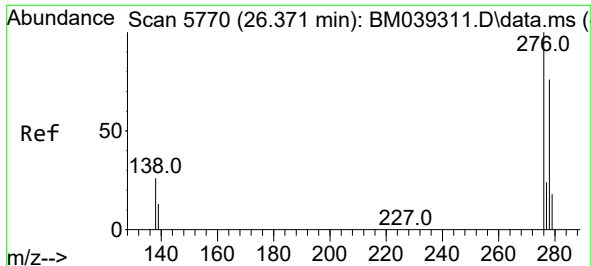
Ion Ratio Lower Upper

276 100

138 24.4 21.4 32.0

227 0.1 0.1 0.1#

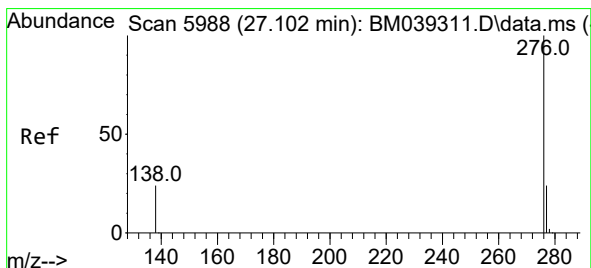
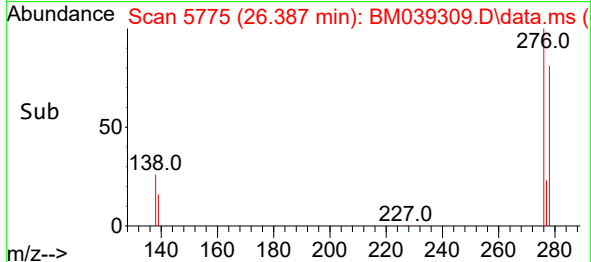
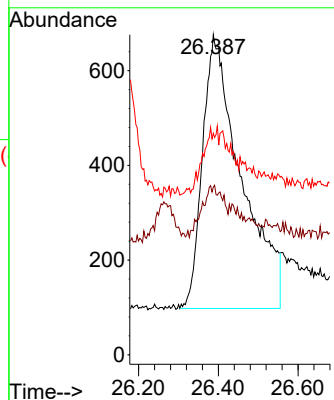
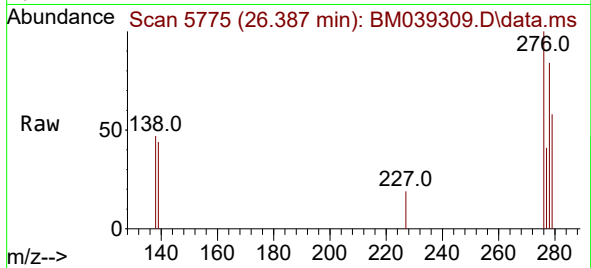




#28
Dibenzo(a,h)anthracene
Concen: 0.101 ng/ul
RT: 26.387 min Scan# 51
Delta R.T. 0.017 min
Lab File: BM039309.D
Acq: 06 Apr 2023 09:09

Instrument :
BNA_M
ClientSampleId :
SSTD0.1015

Tgt Ion:278 Resp: 3882
Ion Ratio Lower Upper
278 100
139 52.4 21.8 32.6#
279 69.2 30.0 45.0#



#29
Benzo(g,h,i)perylene
Concen: 0.107 ng/ul
RT: 27.115 min Scan# 5992
Delta R.T. 0.013 min
Lab File: BM039309.D
Acq: 06 Apr 2023 09:09

Tgt Ion:276 Resp: 5618
Ion Ratio Lower Upper
276 100
138 38.6 22.2 33.2#
277 33.3 21.2 31.8#

