

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092223\
 Data File : BM041997.D
 Acq On : 22 Sep 2023 21:16
 Operator : MA/JU
 Sample : 04378-02DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBJ55DL

Quant Time: Sep 23 02:40:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 13:50:58 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

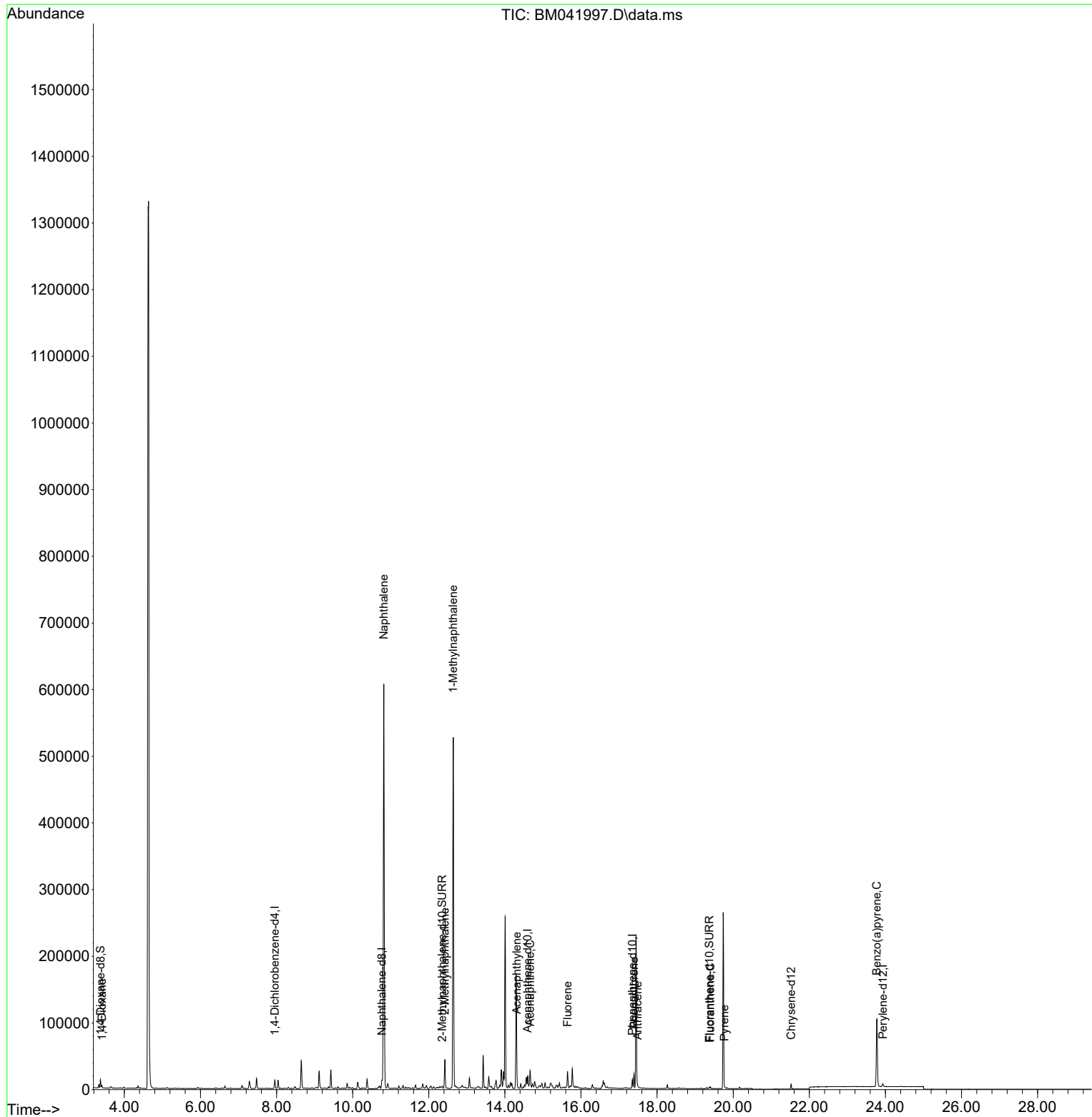
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.954	152	5872	0.400	ng/ul	0.00
4) Naphthalene-d8	10.768	136	14052	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.597	164	6620	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.350	188	13801	0.400	ng/ul	0.00
17) Chrysene-d12	21.524	240	5538	0.400	ng/ul	0.00
23) Perylene-d12	23.933	264	5662	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	6919	0.865	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.352	152	1225	0.070	ng/ul	0.00
18) Fluoranthene-d10	19.371	212	1999	0.088	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.410	88	2084	0.248	ng/ul#	88
5) Naphthalene	10.817	128	815461	17.323	ng/ul	99
7) 2-Methylnaphthalene	12.423	142	29789	1.062	ng/ul	100
8) 1-Methylnaphthalene	12.643	142	346765	12.172	ng/ul	99
10) Acenaphthylene	14.314	152	4627	0.104	ng/ul#	6
11) Acenaphthene	14.661	153	14388	0.423	ng/ul	96
12) Fluorene	15.647	166	15521	0.405	ng/ul	100
15) Phenanthrene	17.392	178	22164	0.346	ng/ul	97
16) Anthracene	17.485	178	2026	0.037	ng/ul#	47
19) Fluoranthene	19.403	202	2265	0.036	ng/ul#	88
20) Pyrene	19.770	202	2052	0.033	ng/ul#	85
26) Benzo(a)pyrene	23.772	252	1111	0.031	ng/ul#	1

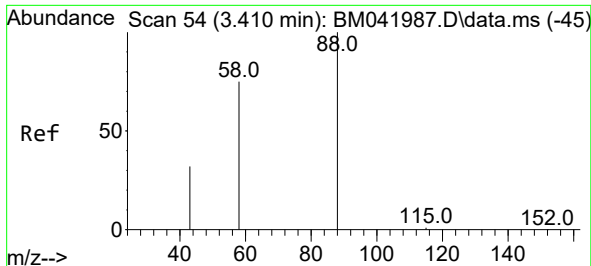
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092223\
Data File : BM041997.D
Acq On : 22 Sep 2023 21:16
Operator : MA/JU
Sample : 04378-02DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BBJS5DL

Quant Time: Sep 23 02:40:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 13:50:58 2023
Response via : Initial Calibration

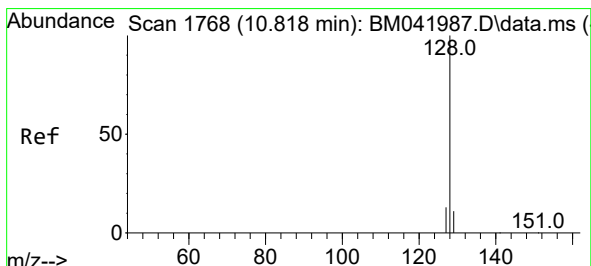
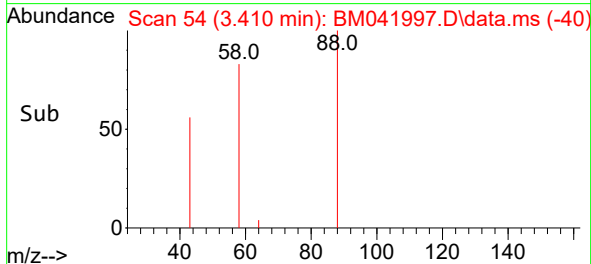
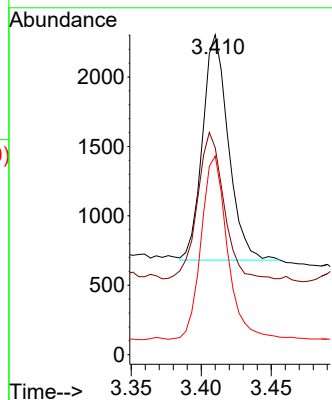
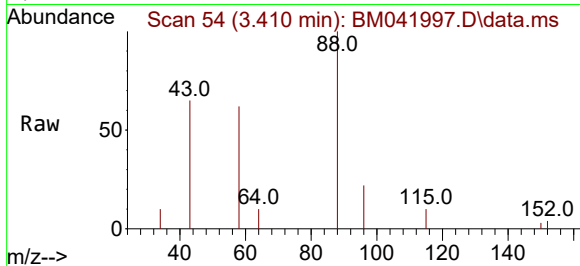




#2
1,4-Dioxane
Concen: 0.248 ng/ul
RT: 3.410 min Scan# 54
Delta R.T. -0.000 min
Lab File: BM041997.D
Acq: 22 Sep 2023 21:16

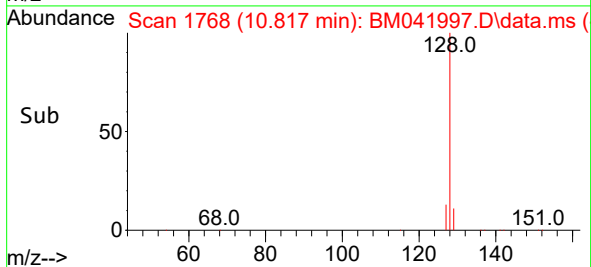
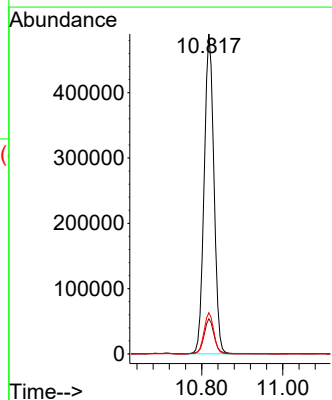
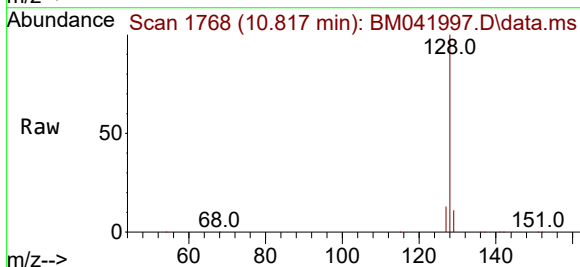
Instrument :
BNA_M
ClientSampleId :
BBJS5DL

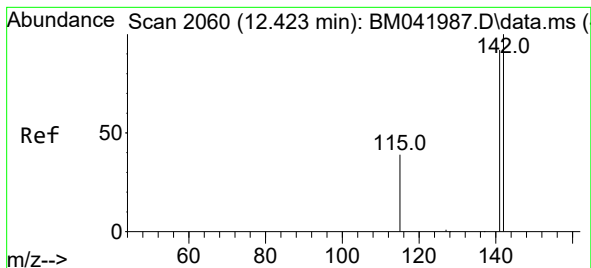
Tgt Ion: 88 Resp: 2084
Ion Ratio Lower Upper
88 100
43 64.6 42.9 64.3#
58 62.1 56.4 84.6



#5
Naphthalene
Concen: 17.323 ng/ul
RT: 10.817 min Scan# 1768
Delta R.T. -0.000 min
Lab File: BM041997.D
Acq: 22 Sep 2023 21:16

Tgt Ion: 128 Resp: 815461
Ion Ratio Lower Upper
128 100
129 11.0 9.2 13.8
127 12.9 10.8 16.2

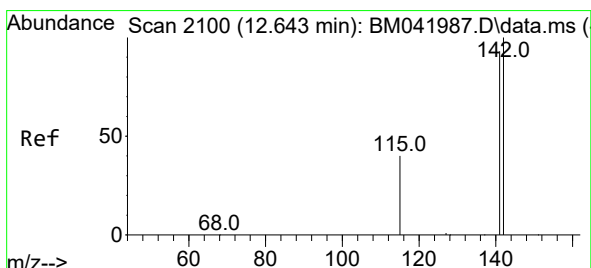
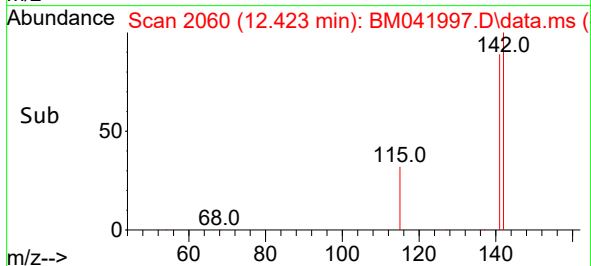
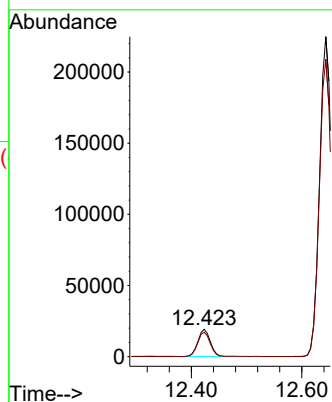
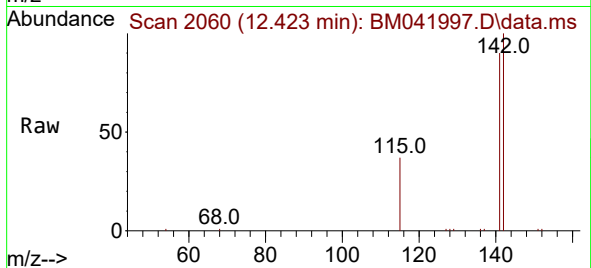




#7
2-Methylnaphthalene
Concen: 1.062 ng/ul
RT: 12.423 min Scan# 2060
Delta R.T. -0.000 min
Lab File: BM041997.D
Acq: 22 Sep 2023 21:16

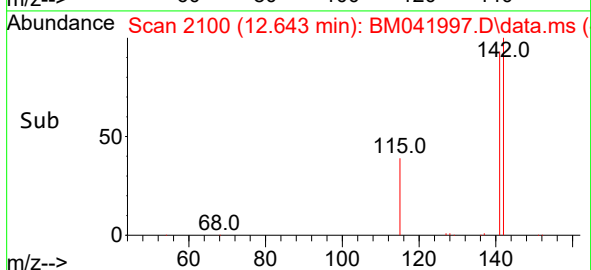
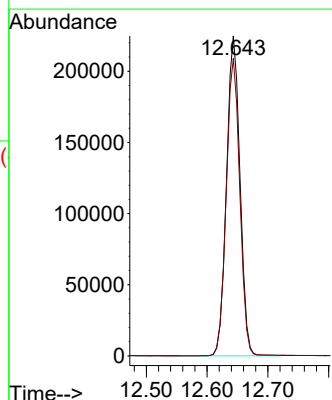
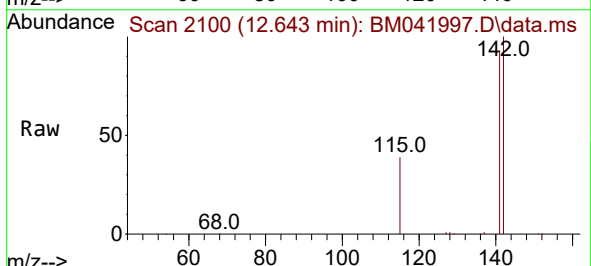
Instrument :
BNA_M
ClientSampleId :
BBJS5DL

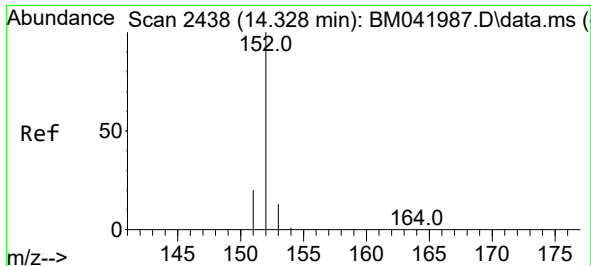
Tgt Ion:142 Resp: 29789
Ion Ratio Lower Upper
142 100
141 89.8 72.1 108.1



#8
1-Methylnaphthalene
Concen: 12.172 ng/ul
RT: 12.643 min Scan# 2100
Delta R.T. -0.000 min
Lab File: BM041997.D
Acq: 22 Sep 2023 21:16

Tgt Ion:142 Resp: 346765
Ion Ratio Lower Upper
142 100
141 93.4 75.1 112.7

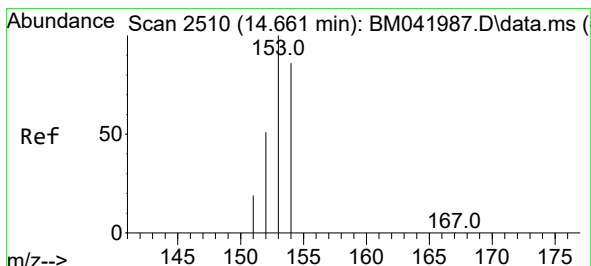
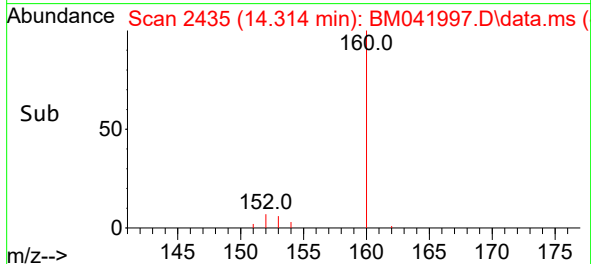
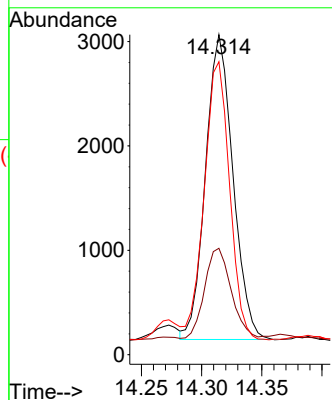
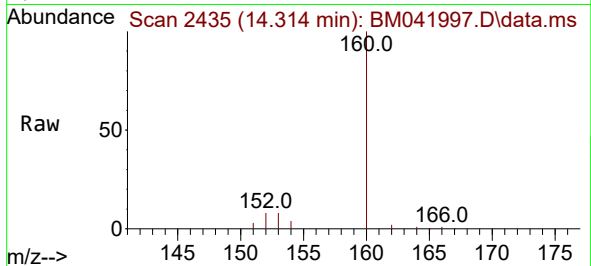




#10
Acenaphthylene
Concen: 0.104 ng/ul
RT: 14.314 min Scan# 2435
Delta R.T. -0.014 min
Lab File: BM041997.D
Acq: 22 Sep 2023 21:16

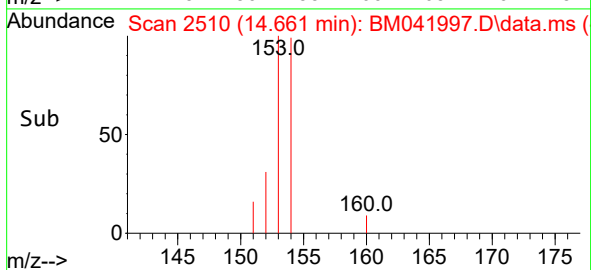
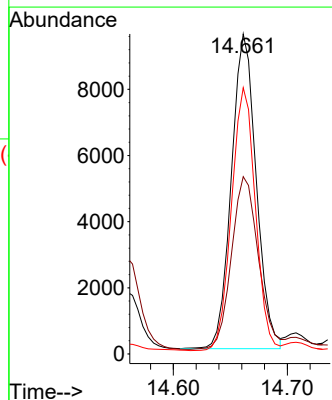
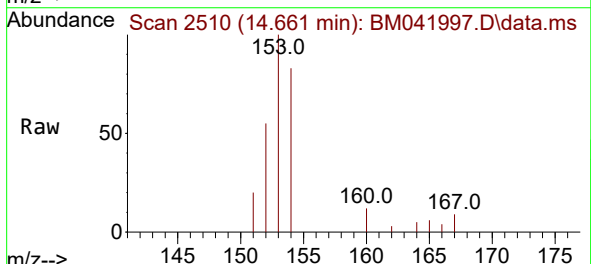
Instrument :
BNA_M
ClientSampleId :
BBJS5DL

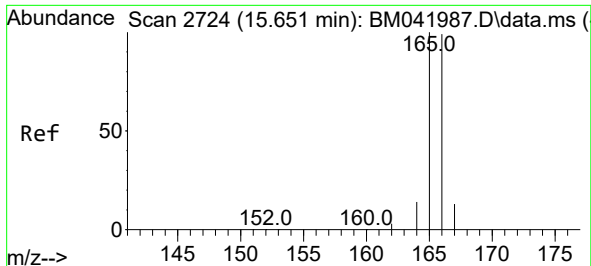
Tgt Ion:152 Resp: 4627
Ion Ratio Lower Upper
152 100
151 33.2 16.2 24.4#
153 91.6 10.8 16.2#



#11
Acenaphthene
Concen: 0.423 ng/ul
RT: 14.661 min Scan# 2510
Delta R.T. -0.000 min
Lab File: BM041997.D
Acq: 22 Sep 2023 21:16

Tgt Ion:153 Resp: 14388
Ion Ratio Lower Upper
153 100
152 55.4 41.8 62.8
154 83.2 69.0 103.6

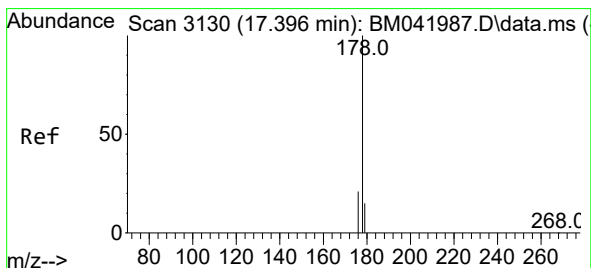
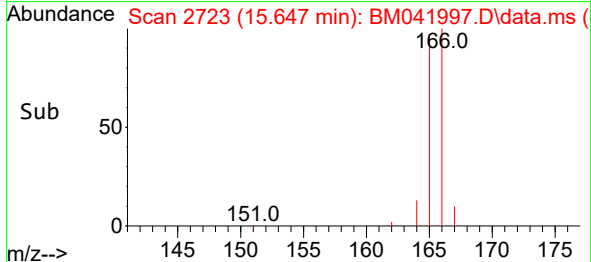
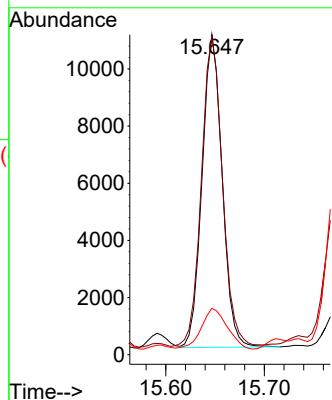
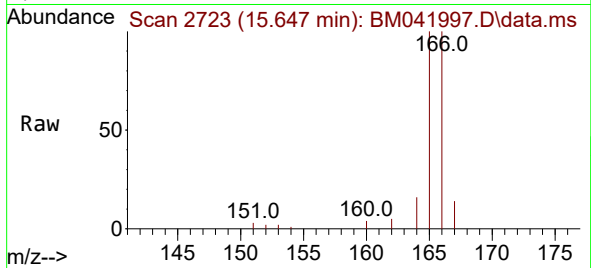




#12
Fluorene
Concen: 0.405 ng/ul
RT: 15.647 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM041997.D
Acq: 22 Sep 2023 21:16

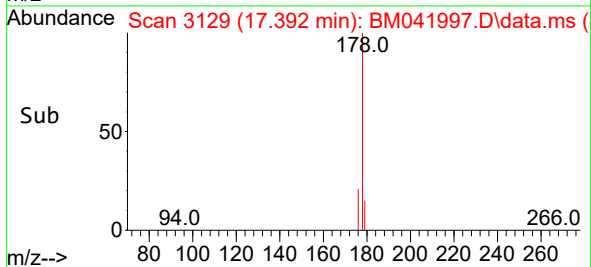
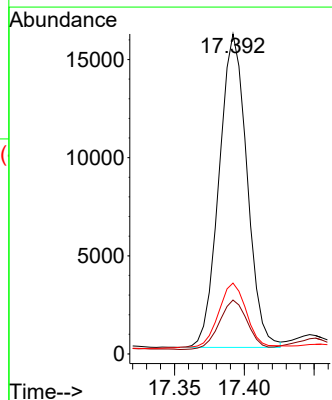
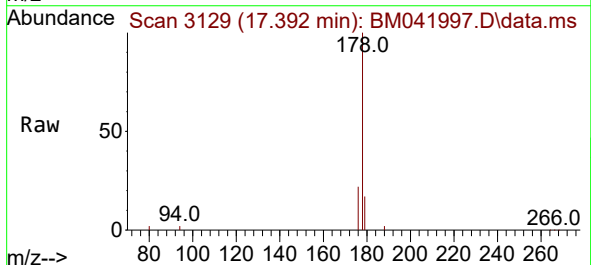
Instrument :
BNA_M
ClientSampleId :
BBJS5DL

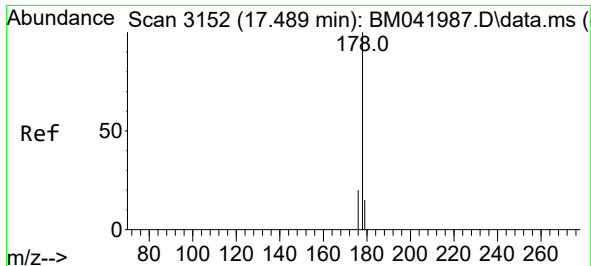
Tgt Ion:166 Resp: 15521
Ion Ratio Lower Upper
166 100
165 99.6 79.8 119.8
167 14.4 11.1 16.7



#15
Phenanthrene
Concen: 0.346 ng/ul
RT: 17.392 min Scan# 3129
Delta R.T. -0.004 min
Lab File: BM041997.D
Acq: 22 Sep 2023 21:16

Tgt Ion:178 Resp: 22164
Ion Ratio Lower Upper
178 100
179 16.8 12.7 19.1
176 22.1 16.6 24.8

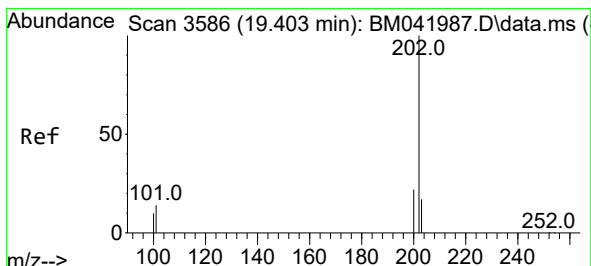
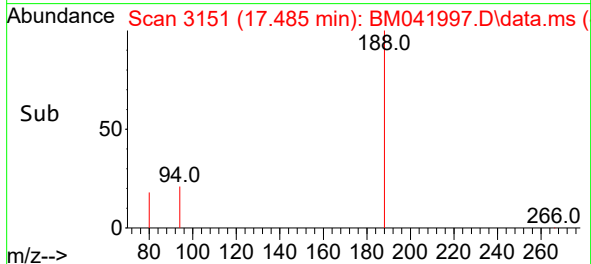
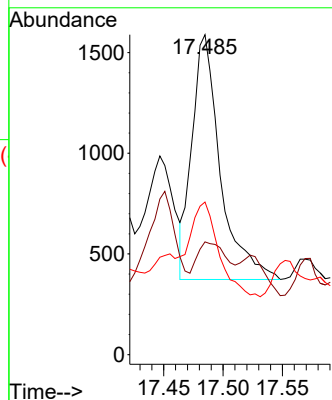
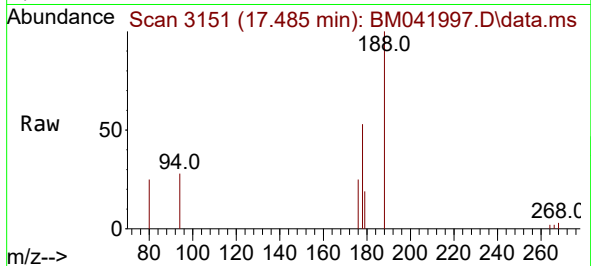




#16
 Anthracene
 Concen: 0.037 ng/ul
 RT: 17.485 min Scan# 3151
 Delta R.T. -0.004 min
 Lab File: BM041997.D
 Acq: 22 Sep 2023 21:16

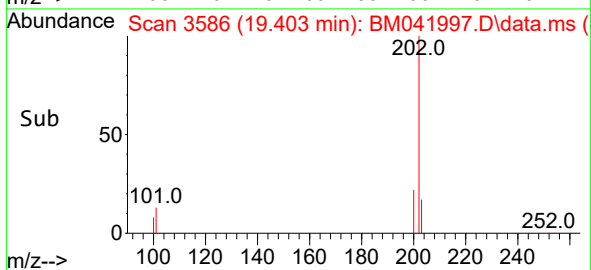
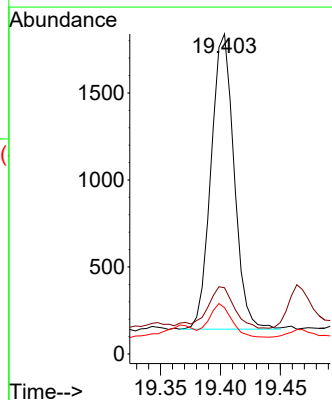
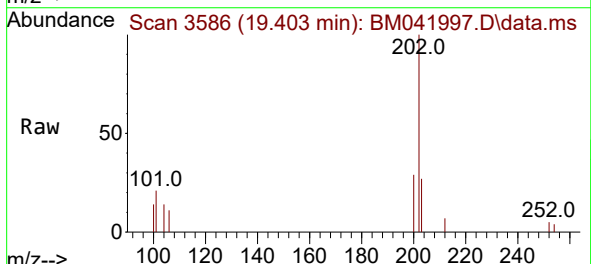
Instrument :
 BNA_M
 ClientSampleId :
 BBJ55DL

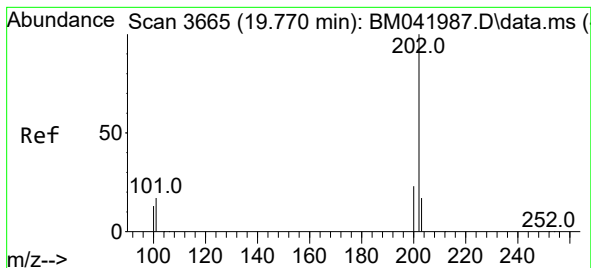
Tgt Ion:178 Resp: 2026
 Ion Ratio Lower Upper
 178 100
 179 35.2 12.9 19.3#
 176 47.7 16.2 24.2#



#19
 Fluoranthene
 Concen: 0.036 ng/ul
 RT: 19.403 min Scan# 3586
 Delta R.T. -0.000 min
 Lab File: BM041997.D
 Acq: 22 Sep 2023 21:16

Tgt Ion:202 Resp: 2265
 Ion Ratio Lower Upper
 202 100
 101 20.7 11.8 17.6#
 100 14.5 9.1 13.7#





#20

Pyrene

Concen: 0.033 ng/ul

RT: 19.770 min Scan# 3

Delta R.T. -0.000 min

Lab File: BM041997.D

Acq: 22 Sep 2023 21:16

Instrument :

BNA_M

ClientSampleId :

BBJS5DL

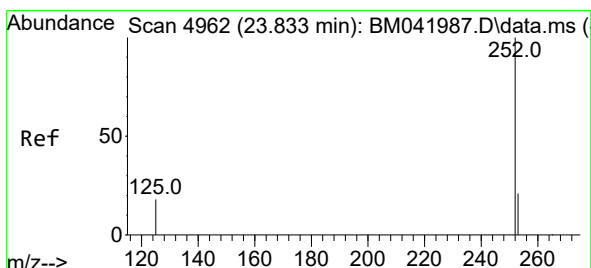
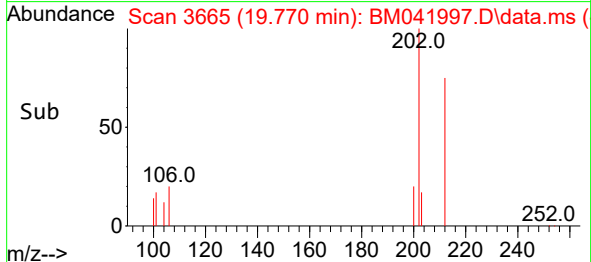
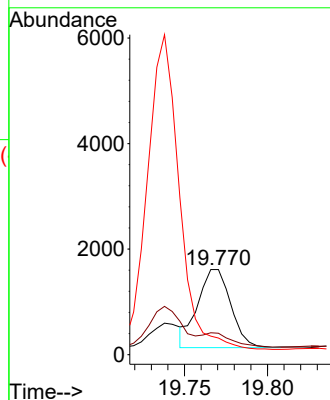
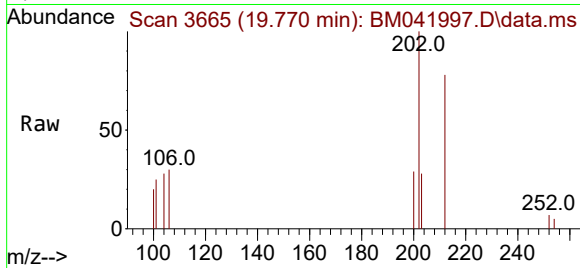
Tgt Ion:202 Resp: 2052

Ion Ratio Lower Upper

202 100

101 25.2 14.1 21.1#

100 19.5 11.4 17.0#



#26

Benzo(a)pyrene

Concen: 0.031 ng/ul

RT: 23.772 min Scan# 4941

Delta R.T. -0.056 min

Lab File: BM041997.D

Acq: 22 Sep 2023 21:16

Tgt Ion:252 Resp: 1111

Ion Ratio Lower Upper

252 100

253 82.6 23.2 34.8#

125 90.7 22.5 33.7#

