

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
 Data File : BM042039.D
 Acq On : 25 Sep 2023 19:11
 Operator : MA/JU
 Sample : 04429-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBKJ2

Quant Time: Sep 26 02:19:51 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)

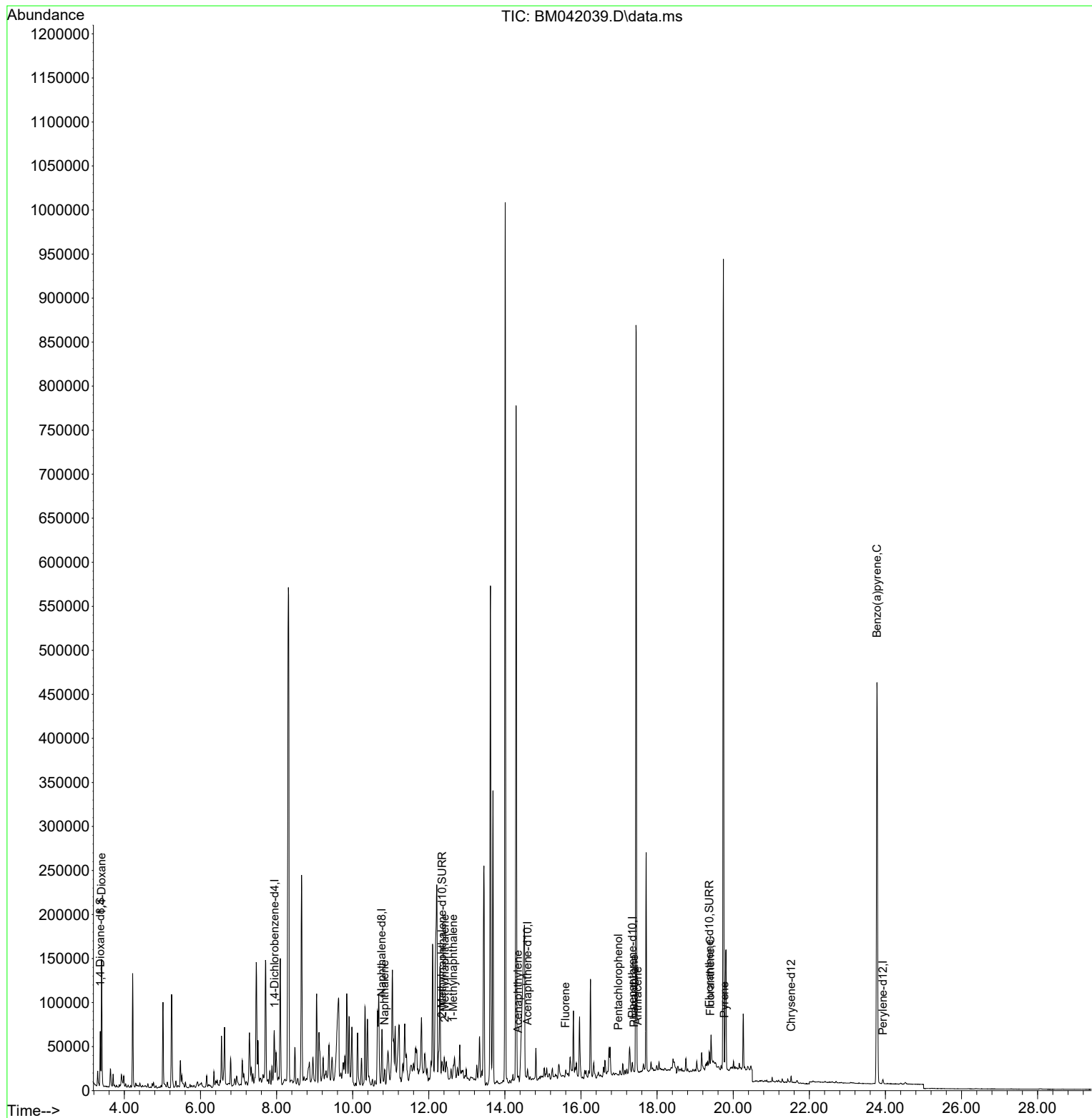
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	5790	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.763	136	13580	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.597	164	8468	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.350	188	11029	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.524	240	6290	0.400	ng/ul	# 0.00
23) Perylene-d12	23.933	264	6469	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.368	96	34259	4.342	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.352	152	6198	0.364	ng/ul	0.00
18) Fluoranthene-d10	19.371	212	10837	0.418	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.402	88	83390	10.046	ng/ul#	85
5) Naphthalene	10.840	128	10528	0.231	ng/ul#	1
7) 2-Methylnaphthalene	12.423	142	2039	0.075	ng/ul#	63
8) 1-Methylnaphthalene	12.643	142	2834	0.103	ng/ul	82
10) Acenaphthylene	14.342	152	2192	0.039	ng/ul#	1
12) Fluorene	15.591	166	2340	0.048	ng/ul#	59
14) Pentachlorophenol	16.982	266	155	0.027	ng/ul	96
15) Phenanthrene	17.392	178	2662	0.052	ng/ul#	1
16) Anthracene	17.485	178	2231	0.050	ng/ul#	1
19) Fluoranthene	19.403	202	1550	0.022	ng/ul#	1
20) Pyrene	19.771	202	2078	0.030	ng/ul#	1
26) Benzo(a)pyrene	23.778	252	3520	0.086	ng/ul#	20

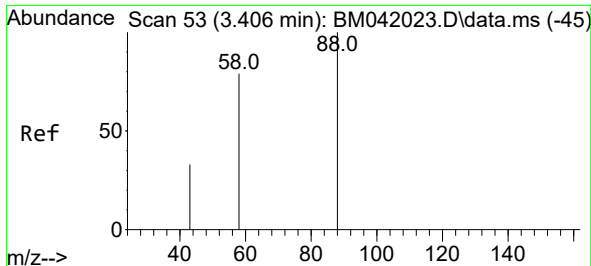
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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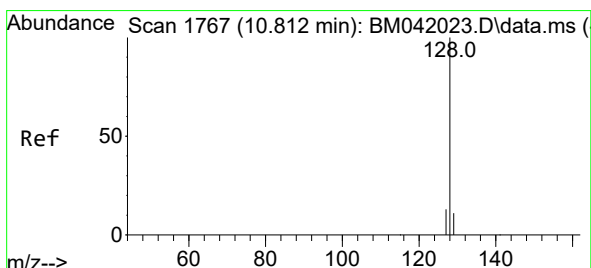
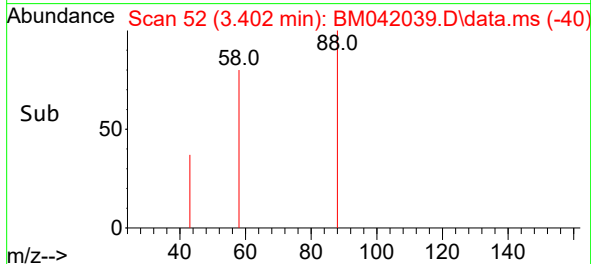
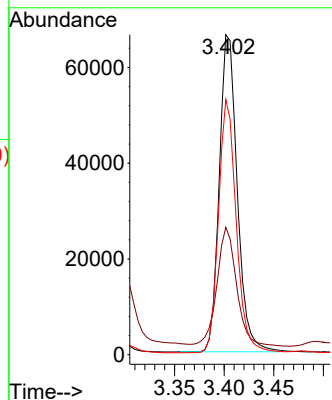
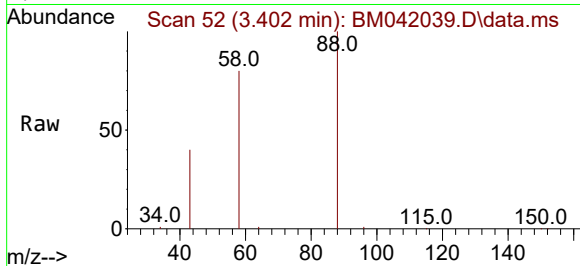




#2
1,4-Dioxane
Concen: 10.046 ng/ul
RT: 3.402 min Scan# 51
Delta R.T. -0.008 min
Lab File: BM042039.D
Acq: 25 Sep 2023 19:11

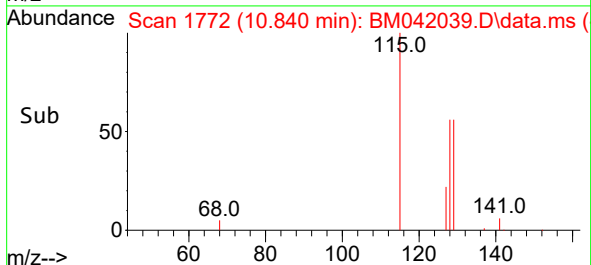
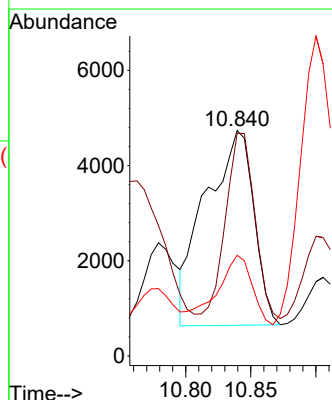
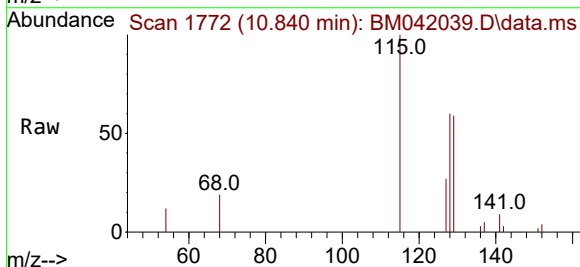
Instrument :
BNA_M
ClientSampleId :
BBKJ2

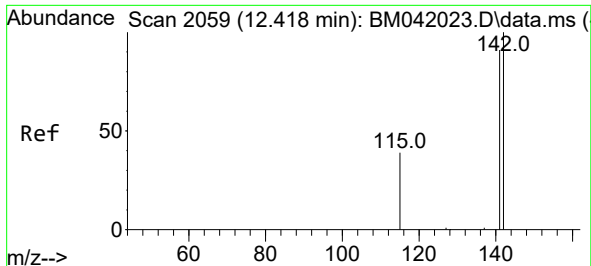
Tgt Ion: 88 Resp: 83390
Ion Ratio Lower Upper
88 100
43 39.8 42.9 64.3#
58 79.8 56.4 84.6



#5
Naphthalene
Concen: 0.231 ng/ul
RT: 10.840 min Scan# 1772
Delta R.T. 0.022 min
Lab File: BM042039.D
Acq: 25 Sep 2023 19:11

Tgt Ion:128 Resp: 10528
Ion Ratio Lower Upper
128 100
129 98.8 9.2 13.8#
127 44.6 10.8 16.2#

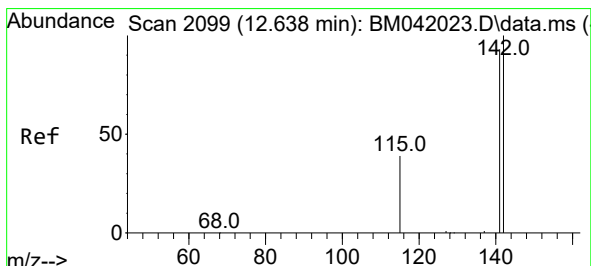
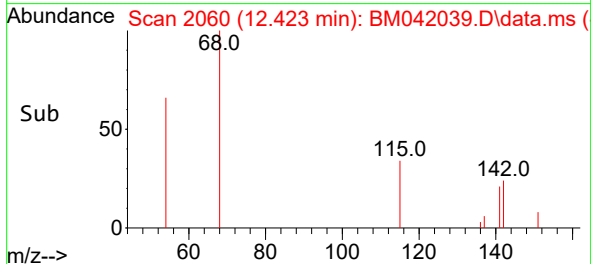
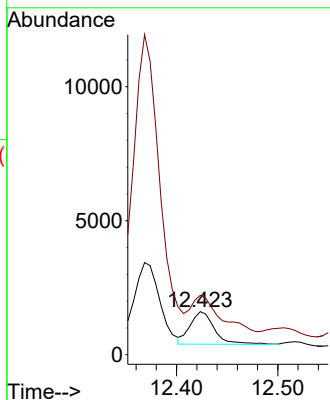
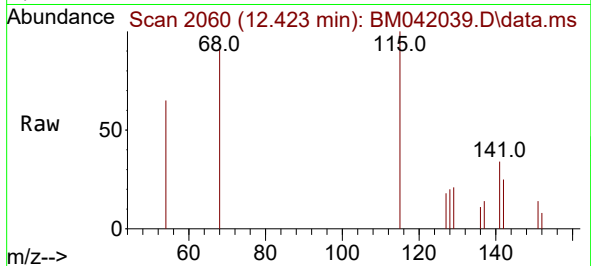




#7
2-Methylnaphthalene
Concen: 0.075 ng/ul
RT: 12.423 min Scan# 2059
Delta R.T. 0.000 min
Lab File: BM042039.D
Acq: 25 Sep 2023 19:11

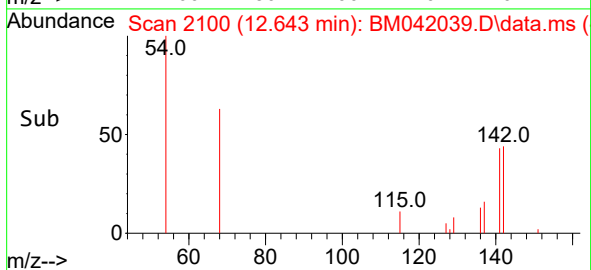
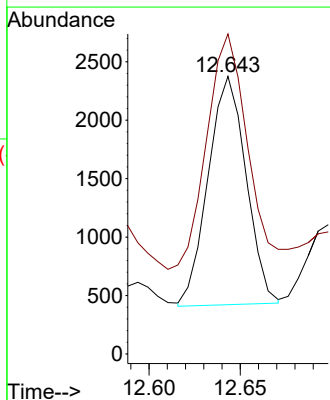
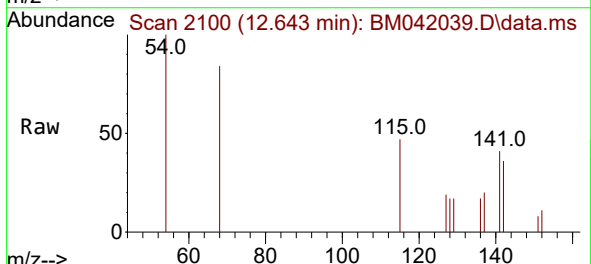
Instrument :
BNA_M
ClientSampleId :
BBKJ2

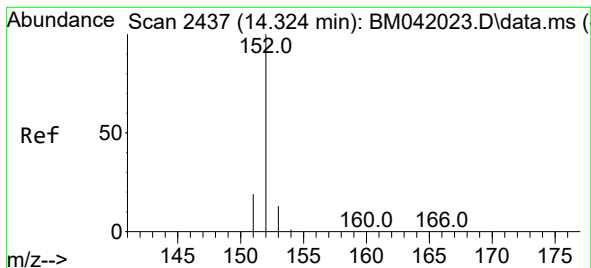
Tgt Ion:142 Resp: 2039
Ion Ratio Lower Upper
142 100
141 124.8 72.1 108.1#



#8
1-Methylnaphthalene
Concen: 0.103 ng/ul
RT: 12.643 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BM042039.D
Acq: 25 Sep 2023 19:11

Tgt Ion:142 Resp: 2834
Ion Ratio Lower Upper
142 100
141 111.6 75.1 112.7





#10

Acenaphthylene

Concen: 0.039 ng/ul

RT: 14.342 min Scan# 2441

Delta R.T. 0.014 min

Lab File: BM042039.D

Acq: 25 Sep 2023 19:11

Instrument :

BNA_M

ClientSampleId :

BBKJ2

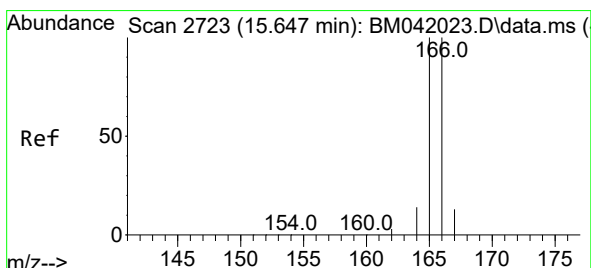
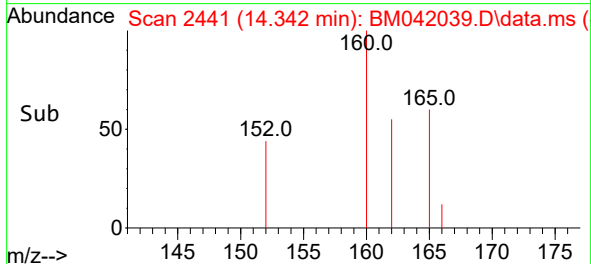
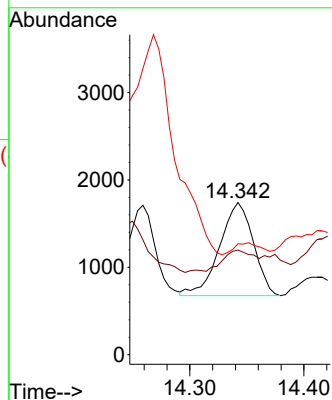
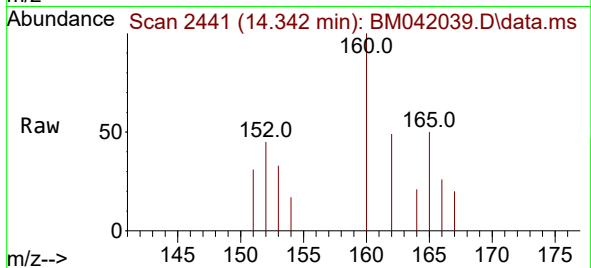
Tgt Ion:152 Resp: 2192

Ion Ratio Lower Upper

152 100

151 68.8 16.2 24.4#

153 72.8 10.8 16.2#



#12

Fluorene

Concen: 0.048 ng/ul

RT: 15.591 min Scan# 2711

Delta R.T. -0.060 min

Lab File: BM042039.D

Acq: 25 Sep 2023 19:11

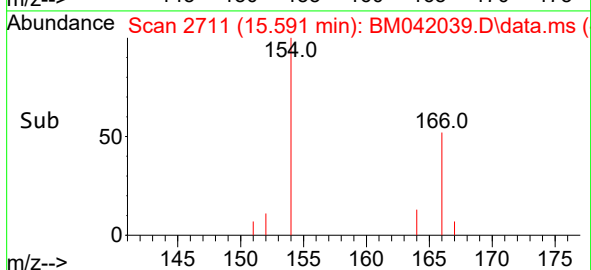
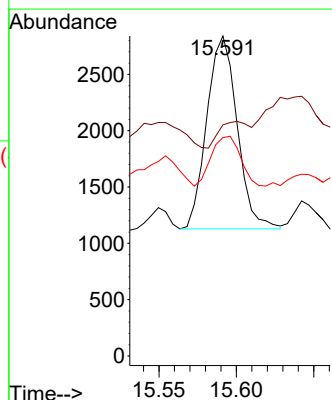
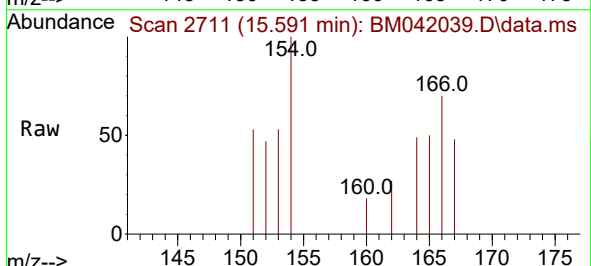
Tgt Ion:166 Resp: 2340

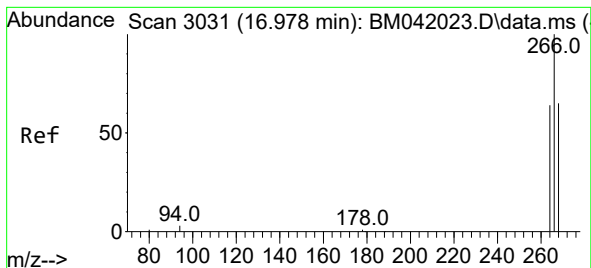
Ion Ratio Lower Upper

166 100

165 72.2 79.8 119.8#

167 68.3 11.1 16.7#





#14

Pentachlorophenol

Concen: 0.027 ng/ul

RT: 16.982 min Scan# 3031

Delta R.T. 0.000 min

Lab File: BM042039.D

Acq: 25 Sep 2023 19:11

Instrument :

BNA_M

ClientSampleId :

BBKJ2

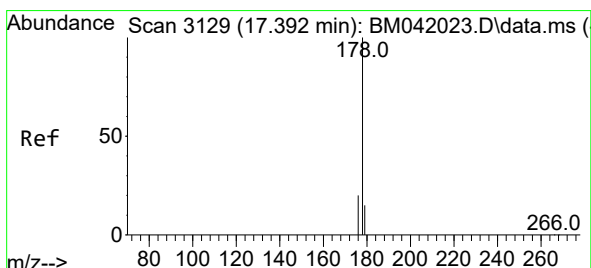
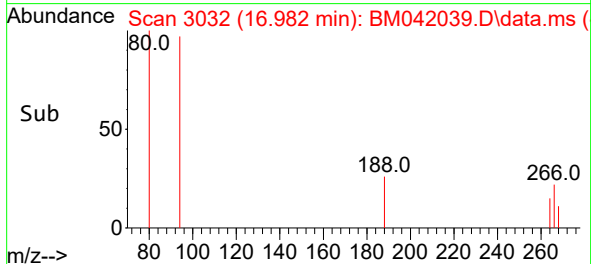
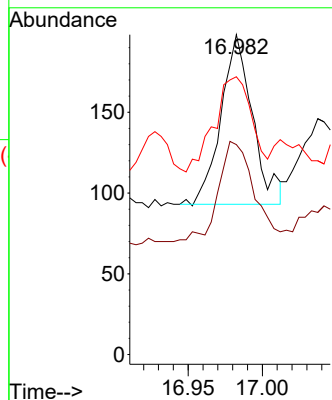
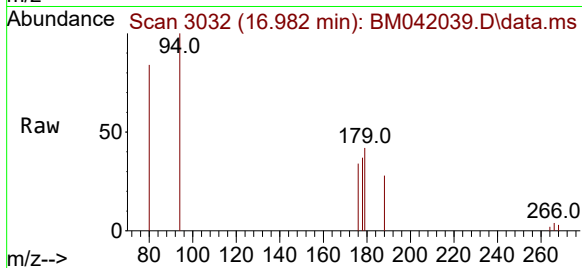
Tgt Ion:266 Resp: 155

Ion Ratio Lower Upper

266 100

264 65.8 50.2 75.4

268 66.5 51.0 76.4



#15

Phenanthrene

Concen: 0.052 ng/ul

RT: 17.392 min Scan# 3129

Delta R.T. -0.004 min

Lab File: BM042039.D

Acq: 25 Sep 2023 19:11

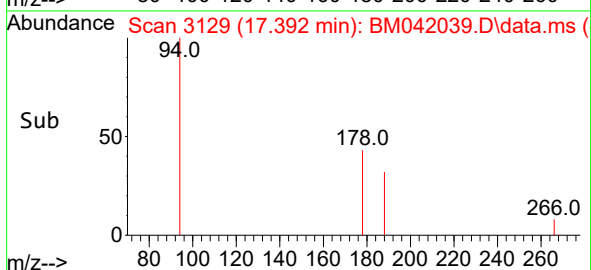
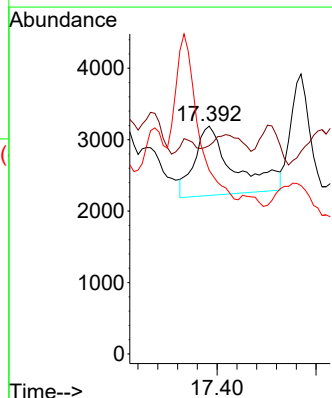
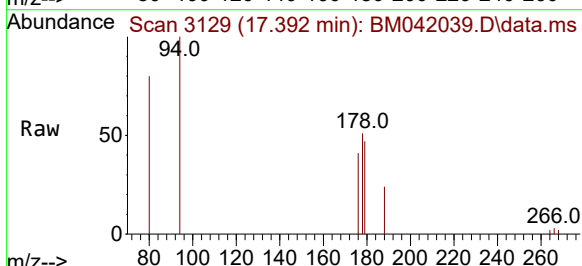
Tgt Ion:178 Resp: 2662

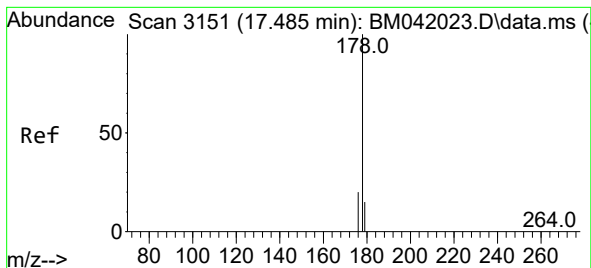
Ion Ratio Lower Upper

178 100

179 91.4 12.7 19.1#

176 80.6 16.6 24.8#





#16

Anthracene

Concen: 0.050 ng/ul

RT: 17.485 min Scan# 3151

Delta R.T. -0.004 min

Lab File: BM042039.D

Acq: 25 Sep 2023 19:11

Instrument :

BNA_M

ClientSampleId :

BBKJ2

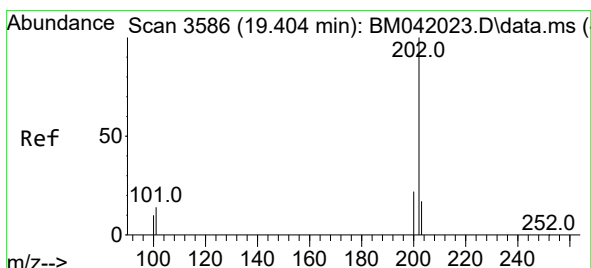
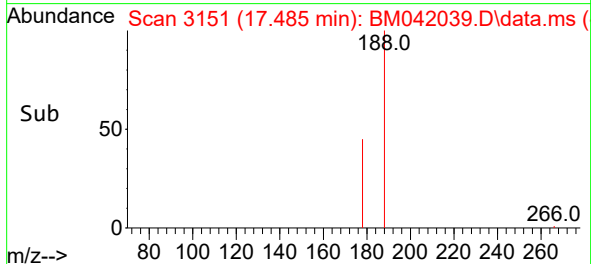
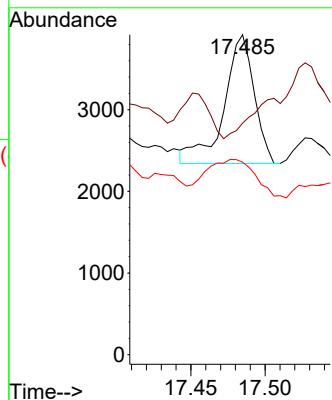
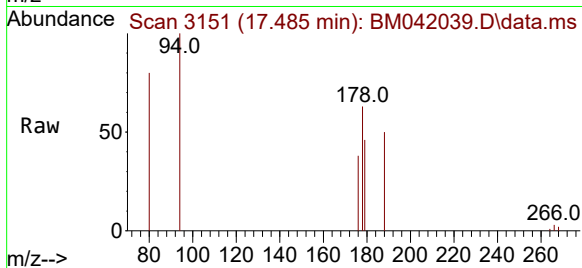
Tgt Ion:178 Resp: 2231

Ion Ratio Lower Upper

178 100

179 72.3 12.9 19.3#

176 60.1 16.2 24.2#



#19

Fluoranthene

Concen: 0.022 ng/ul

RT: 19.403 min Scan# 3586

Delta R.T. 0.000 min

Lab File: BM042039.D

Acq: 25 Sep 2023 19:11

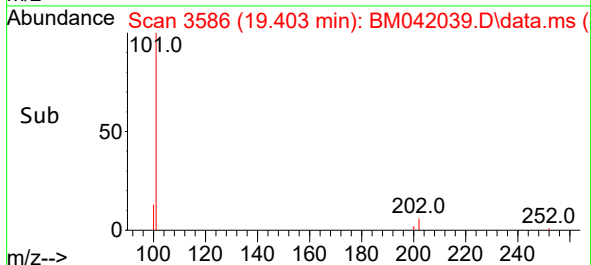
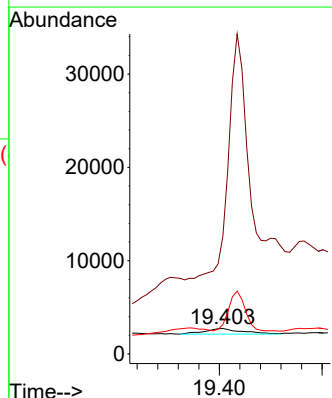
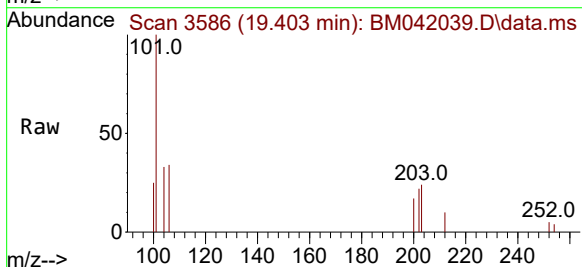
Tgt Ion:202 Resp: 1550

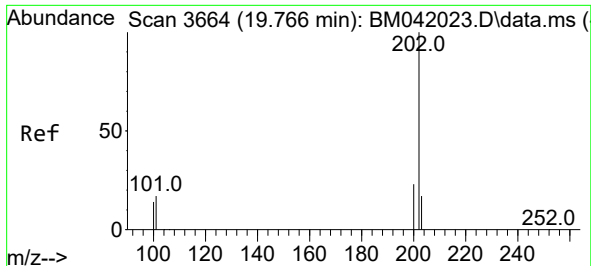
Ion Ratio Lower Upper

202 100

101 464.1 11.8 17.6#

100 116.0 9.1 13.7#

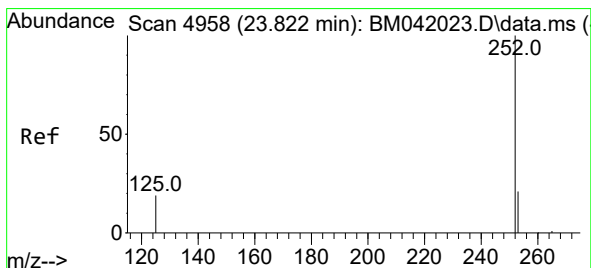
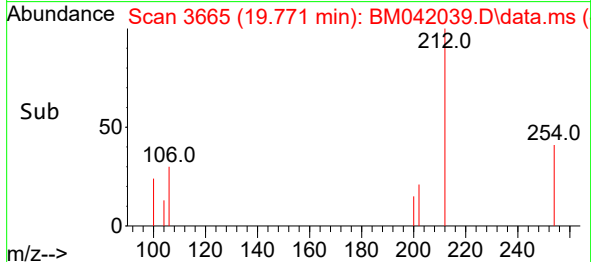
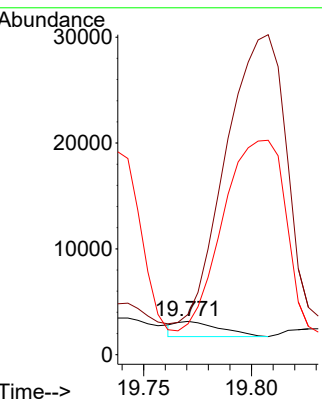
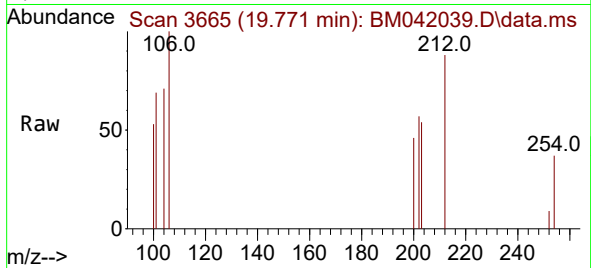




#20
Pyrene
Concen: 0.030 ng/ul
RT: 19.771 min Scan# 3078
Delta R.T. 0.000 min
Lab File: BM042039.D
Acq: 25 Sep 2023 19:11

Instrument :
BNA_M
ClientSampleId :
BBKJ2

Tgt Ion:202 Resp: 2078
Ion Ratio Lower Upper
202 100
101 121.0 14.1 21.1#
100 92.7 11.4 17.0#



#26
Benzo(a)pyrene
Concen: 0.086 ng/ul
RT: 23.778 min Scan# 4943
Delta R.T. -0.050 min
Lab File: BM042039.D
Acq: 25 Sep 2023 19:11

Tgt Ion:252 Resp: 3520
Ion Ratio Lower Upper
252 100
253 71.6 23.2 34.8#
125 70.7 22.5 33.7#

