

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092823\
 Data File : BM042126.D
 Acq On : 28 Sep 2023 22:03
 Operator : MA/JU
 Sample : 04480-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBJY8

Quant Time: Sep 29 04:41:48 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 29 04:39:33 2023
 Response via : Initial Calibration

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

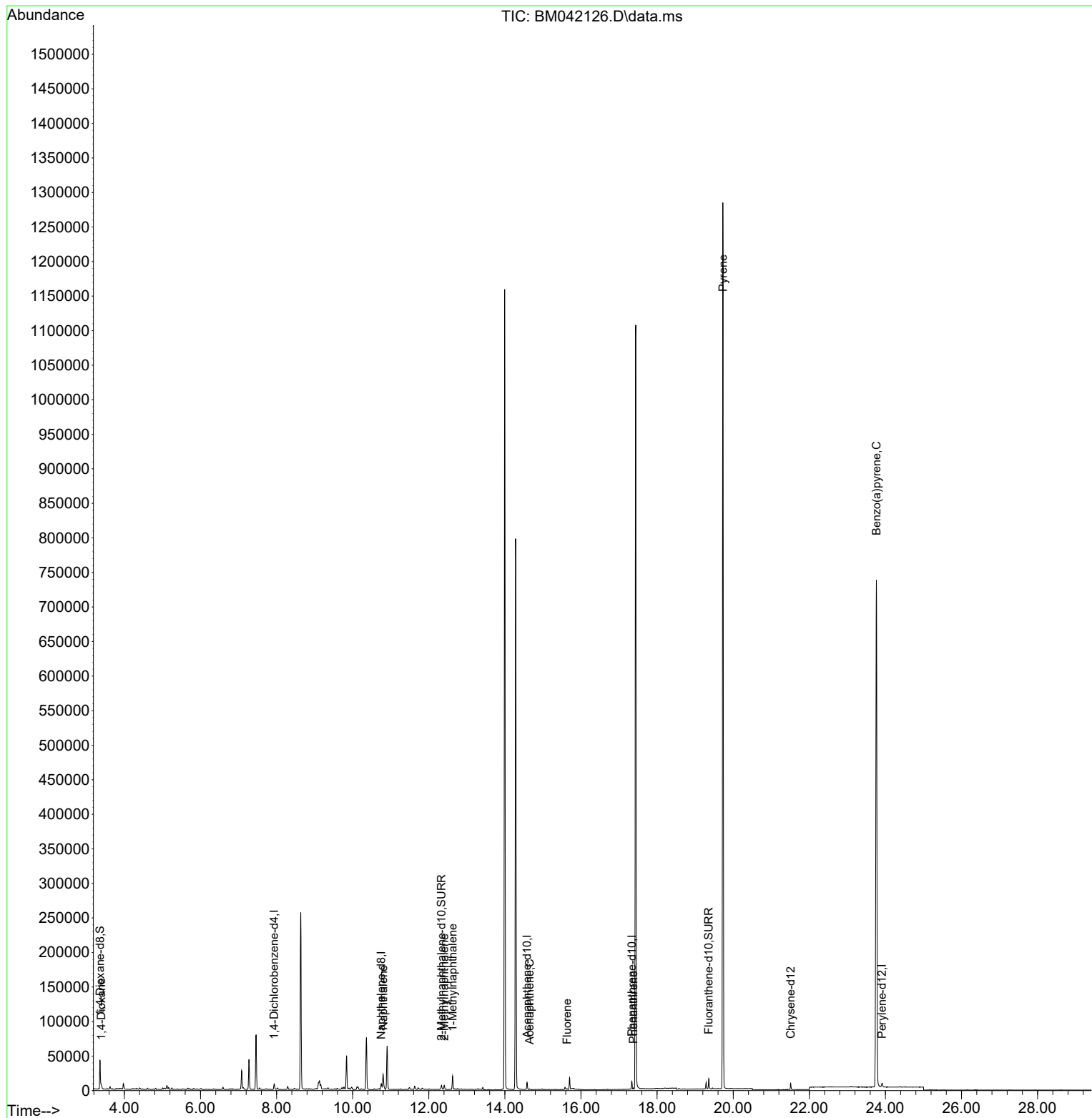
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	3653	0.400	ng/ul	0.00
4) Naphthalene-d8	10.752	136	9921	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.583	164	4989	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.337	188	12246	0.400	ng/ul	0.00
17) Chrysene-d12	21.509	240	7264	0.400	ng/ul	0.00
23) Perylene-d12	23.912	264	7983	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.360	96	25530	5.129	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.335	152	6729	0.542	ng/ul	0.00
18) Fluoranthene-d10	19.357	212	13311	0.445	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.397	88	2683	0.512	ng/ul#	91
5) Naphthalene	10.801	128	30741	0.925	ng/ul	99
7) 2-Methylnaphthalene	12.407	142	3942	0.199	ng/ul	100
8) 1-Methylnaphthalene	12.627	142	12877	0.640	ng/ul	99
11) Acenaphthene	14.647	153	585	0.023	ng/ul#	92
12) Fluorene	15.633	166	802	0.028	ng/ul#	87
15) Phenanthrene	17.379	178	1965	0.035	ng/ul#	69
20) Pyrene	19.729	202	3129	0.039	ng/ul#	1
26) Benzo(a)pyrene	23.763	252	5652	0.112	ng/ul#	72

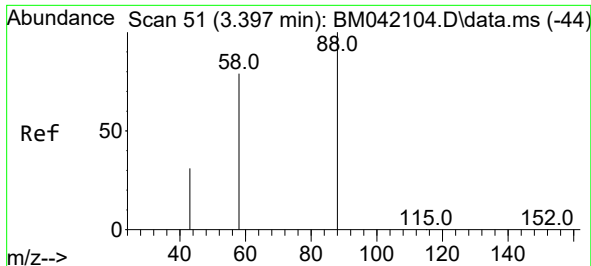
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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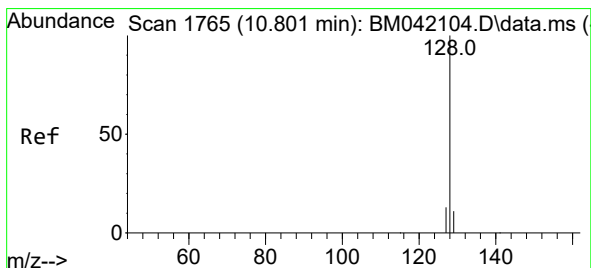
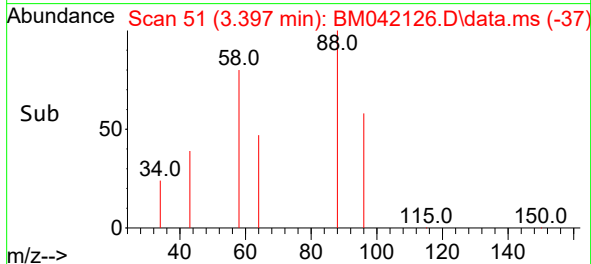
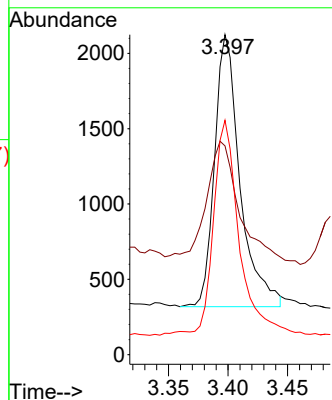
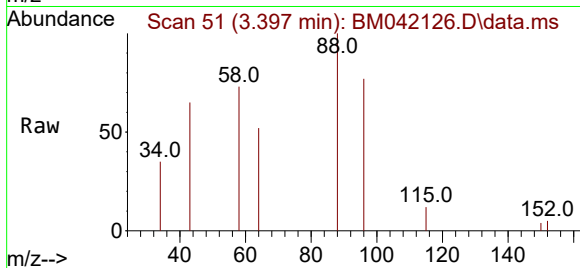




#2
1,4-Dioxane
Concen: 0.512 ng/ul
RT: 3.397 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM042126.D
Acq: 28 Sep 2023 22:03

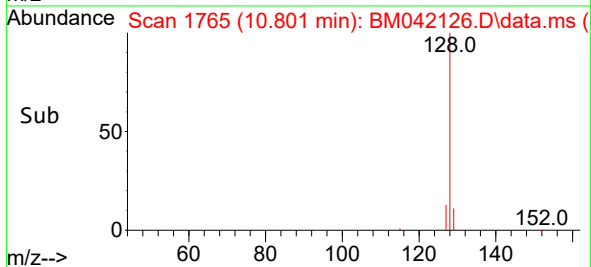
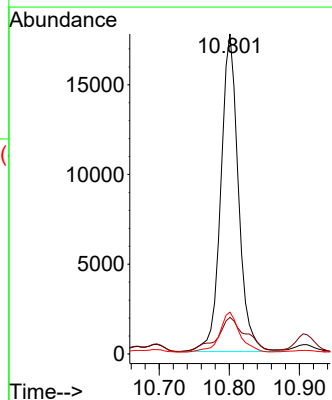
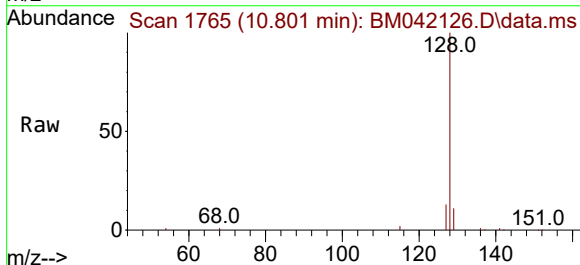
Instrument :
BNA_M
ClientSampleId :
BBJY8

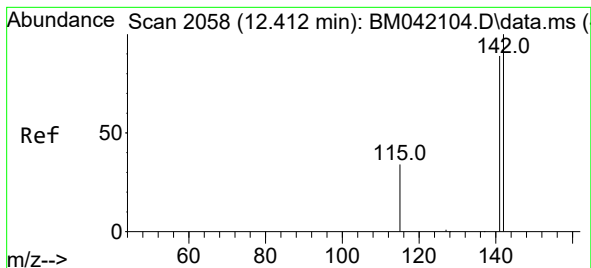
Tgt Ion: 88 Resp: 2683
Ion Ratio Lower Upper
88 100
43 65.3 42.9 64.3#
58 73.3 56.4 84.6



#5
Naphthalene
Concen: 0.925 ng/ul
RT: 10.801 min Scan# 1765
Delta R.T. -0.000 min
Lab File: BM042126.D
Acq: 28 Sep 2023 22:03

Tgt Ion: 128 Resp: 30741
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.1 10.8 16.2





#7

2-Methylnaphthalene

Concen: 0.199 ng/ul

RT: 12.407 min Scan# 2057

Delta R.T. -0.006 min

Lab File: BM042126.D

Acq: 28 Sep 2023 22:03

Instrument :

BNA_M

ClientSampleId :

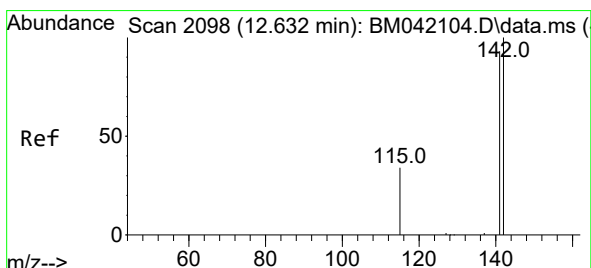
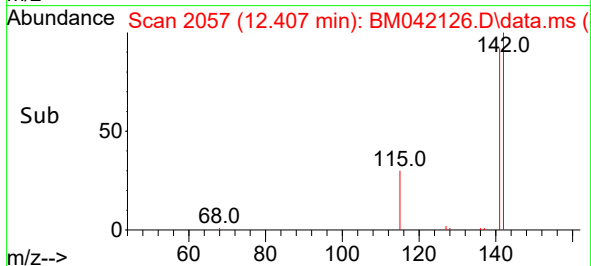
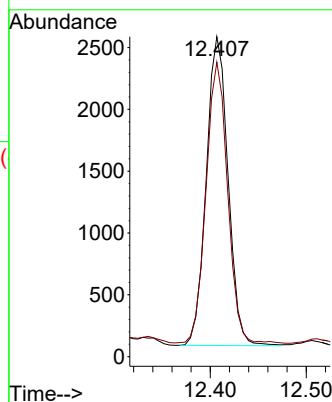
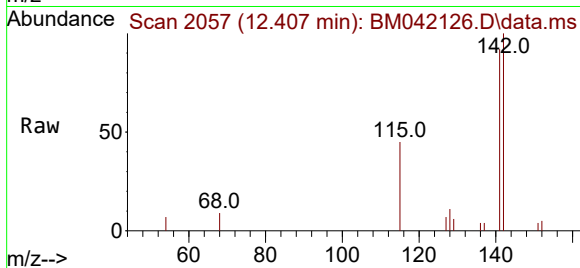
BBJY8

Tgt Ion:142 Resp: 3942

Ion Ratio Lower Upper

142 100

141 89.7 72.1 108.1



#8

1-Methylnaphthalene

Concen: 0.640 ng/ul

RT: 12.627 min Scan# 2097

Delta R.T. -0.000 min

Lab File: BM042126.D

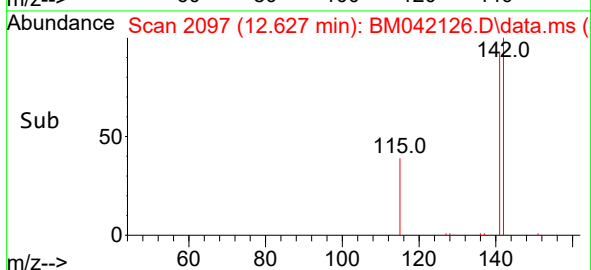
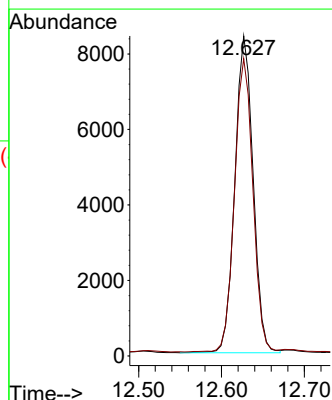
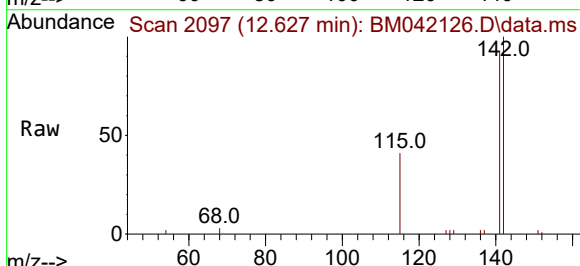
Acq: 28 Sep 2023 22:03

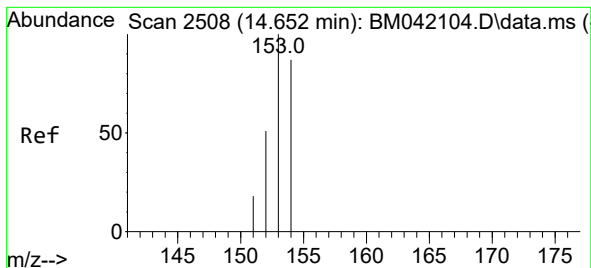
Tgt Ion:142 Resp: 12877

Ion Ratio Lower Upper

142 100

141 93.1 75.1 112.7





#11

Acenaphthene

Concen: 0.023 ng/ul

RT: 14.647 min Scan# 2

Delta R.T. -0.000 min

Lab File: BM042126.D

Acq: 28 Sep 2023 22:03

Instrument :

BNA_M

ClientSampleId :

BBJY8

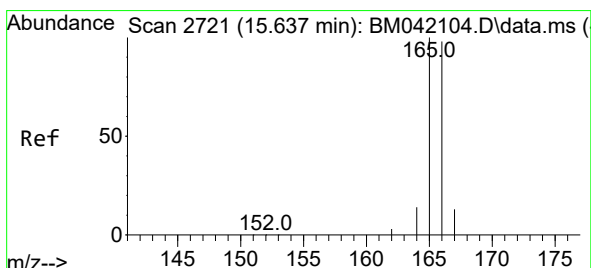
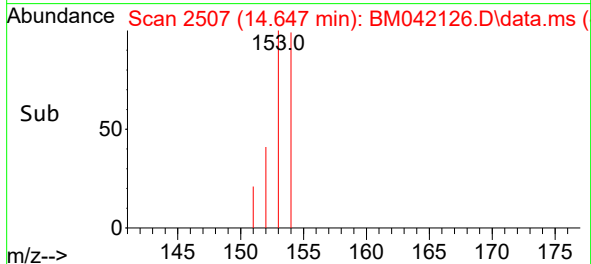
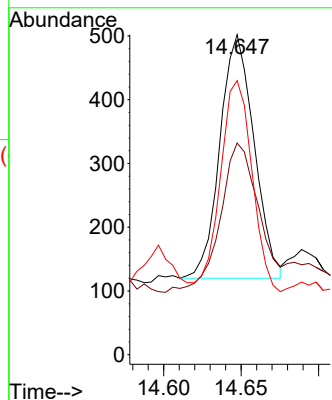
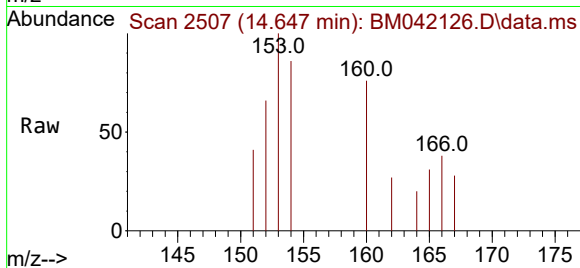
Tgt Ion:153 Resp: 585

Ion Ratio Lower Upper

153 100

152 66.1 41.8 62.8#

154 85.7 69.0 103.6



#12

Fluorene

Concen: 0.028 ng/ul

RT: 15.633 min Scan# 2720

Delta R.T. -0.005 min

Lab File: BM042126.D

Acq: 28 Sep 2023 22:03

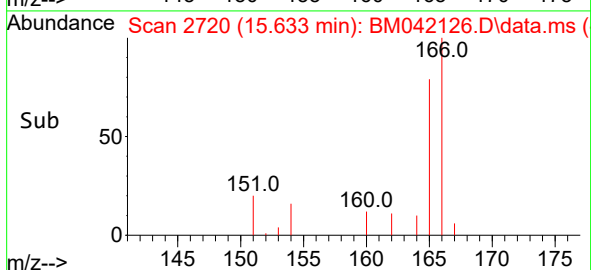
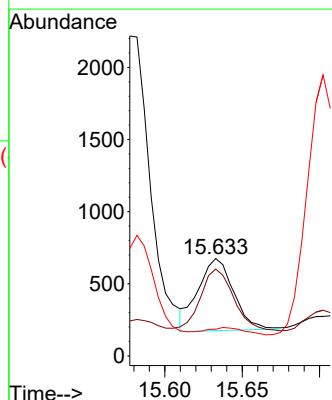
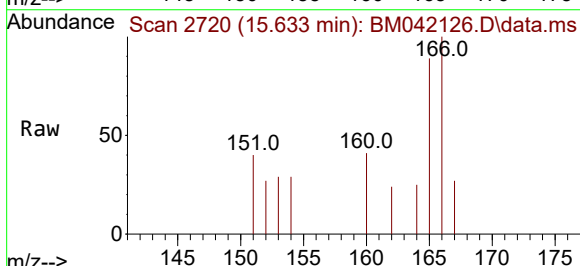
Tgt Ion:166 Resp: 802

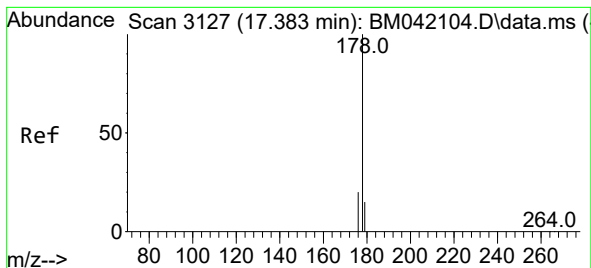
Ion Ratio Lower Upper

166 100

165 89.2 79.8 119.8

167 27.4 11.1 16.7#





#15

Phenanthrene

Concen: 0.035 ng/ul

RT: 17.379 min Scan# 31

Delta R.T. -0.004 min

Lab File: BM042126.D

Acq: 28 Sep 2023 22:03

Instrument :

BNA_M

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BBJY8

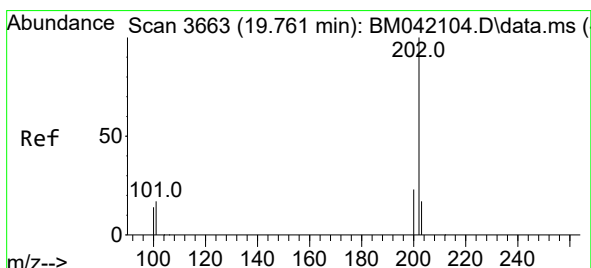
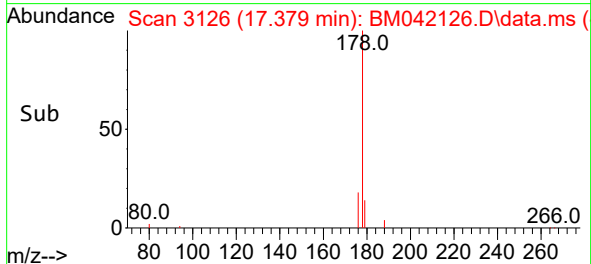
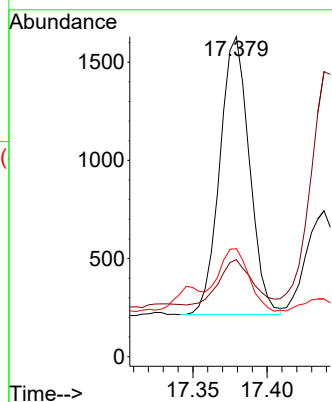
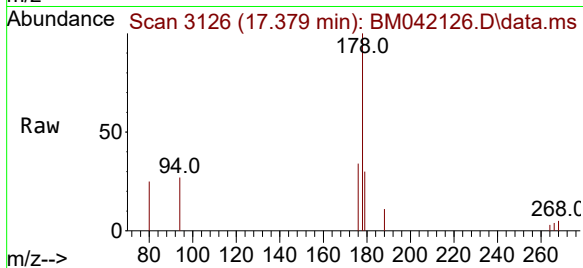
Tgt Ion:178 Resp: 1965

Ion Ratio Lower Upper

178 100

179 30.4 12.7 19.1#

176 33.7 16.6 24.8#



#20

Pyrene

Concen: 0.039 ng/ul

RT: 19.729 min Scan# 3656

Delta R.T. -0.028 min

Lab File: BM042126.D

Acq: 28 Sep 2023 22:03

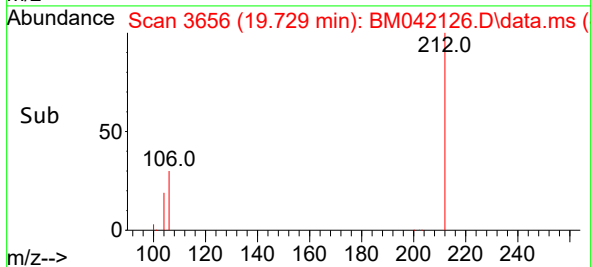
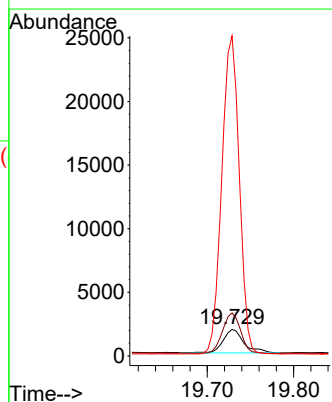
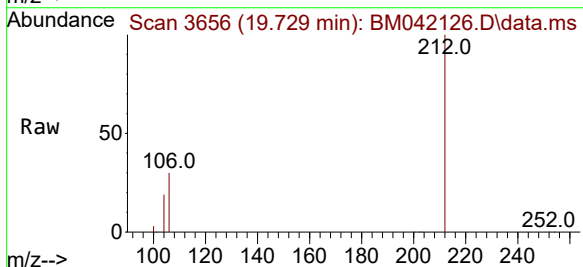
Tgt Ion:202 Resp: 3129

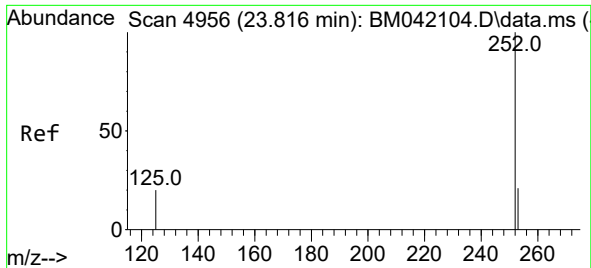
Ion Ratio Lower Upper

202 100

101 161.8 14.1 21.1#

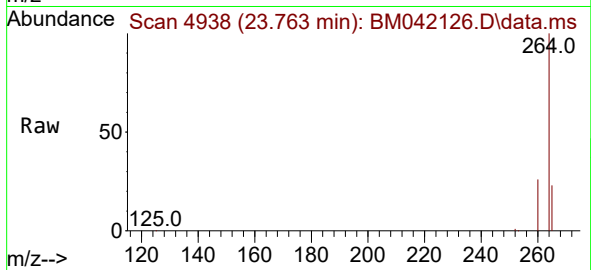
100 1204.0 11.4 17.0#





#26
Benzo(a)pyrene
Concen: 0.112 ng/ul
RT: 23.763 min Scan# 4956
Delta R.T. -0.044 min
Lab File: BM042126.D
Acq: 28 Sep 2023 22:03

Instrument :
BNA_M
ClientSampleId :
BBJY8



Tgt Ion:252 Resp: 5652
Ion Ratio Lower Upper
252 100
253 46.7 23.2 34.8#
125 40.0 22.5 33.7#

