

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092823\
 Data File : BM042124.D
 Acq On : 28 Sep 2023 20:51
 Operator : MA/JU
 Sample : 04480-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBBP0

Quant Time: Sep 29 04:41:33 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)

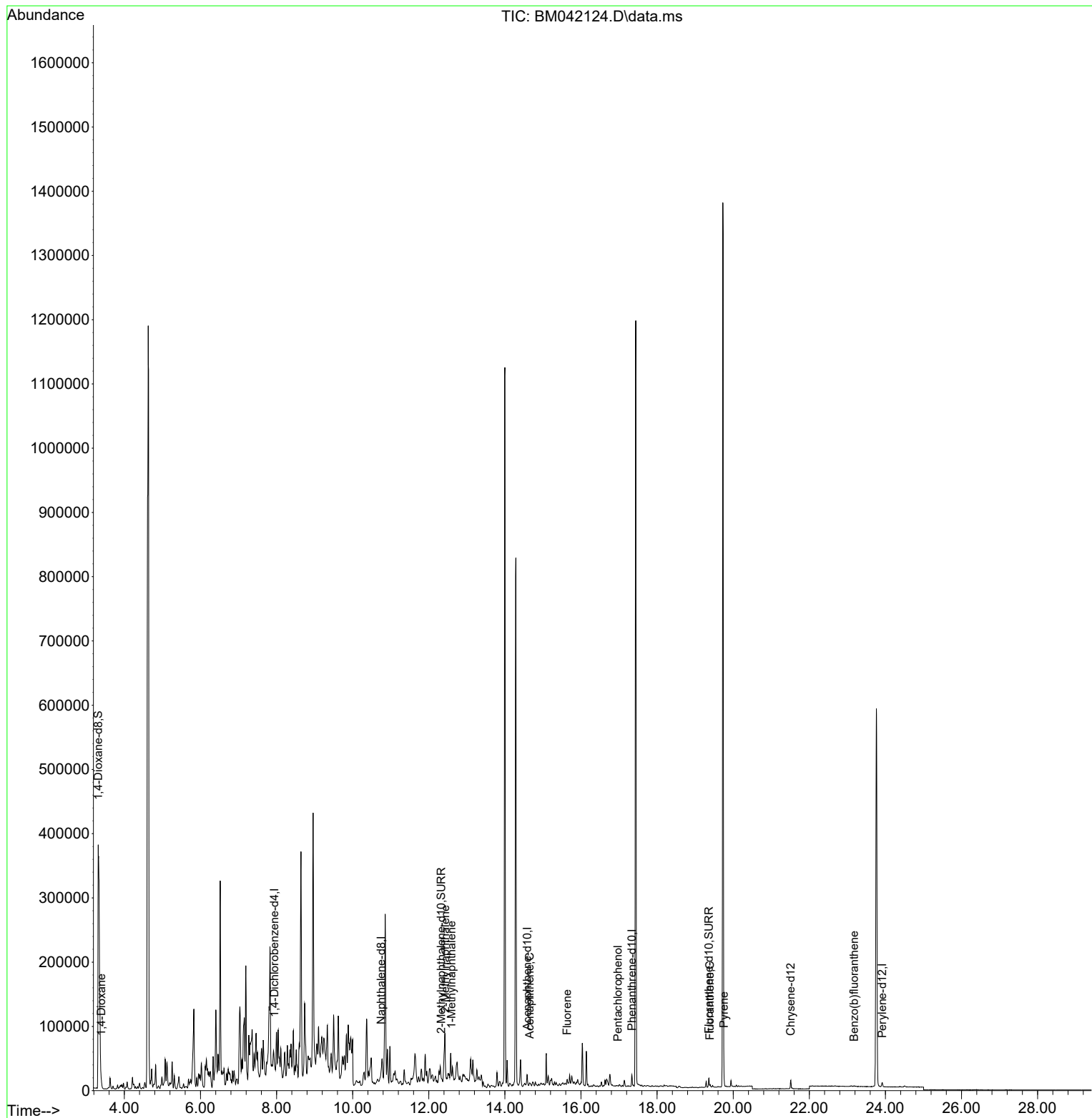
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	5543	0.400	ng/ul	0.00
4) Naphthalene-d8	10.752	136	14347	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.587	164	11761	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.337	188	17243	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.513	240	10000	0.400	ng/ul	0.00
23) Perylene-d12	23.915	264	9286	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.313	96	1001260	132.557	ng/ul	-0.05
6) 2-Methylnaphthalene-d10	12.330	152	7534	0.419	ng/ul	0.00
18) Fluoranthene-d10	19.362	212	12903	0.313	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.398	88	1374	0.173	ng/ul#	1
7) 2-Methylnaphthalene	12.434	142	1241	0.043	ng/ul#	1
8) 1-Methylnaphthalene	12.594	142	1843	0.063	ng/ul#	1
11) Acenaphthene	14.648	153	2378	0.039	ng/ul	84
12) Fluorene	15.633	166	7354	0.108	ng/ul#	69
14) Pentachlorophenol	16.966	266	554	0.061	ng/ul	97
19) Fluoranthene	19.390	202	2928	0.026	ng/ul#	28
20) Pyrene	19.757	202	6654	0.060	ng/ul#	70
24) Benzo(b)fluoranthene	23.176	252	1665	0.023	ng/ul#	1

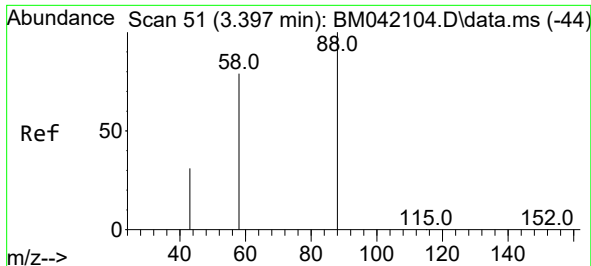
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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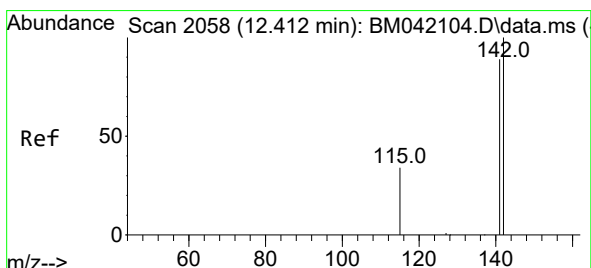
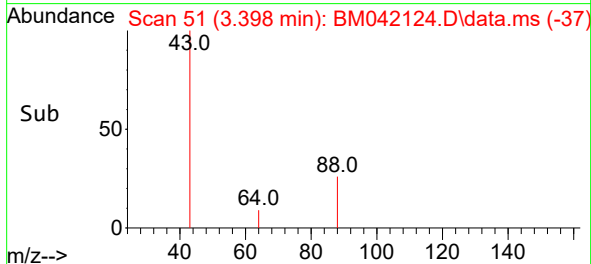
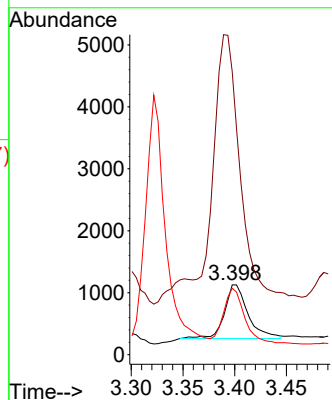
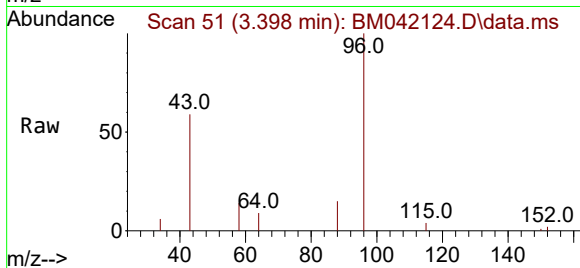




#2
1,4-Dioxane
Concen: 0.173 ng/ul
RT: 3.398 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM042124.D
Acq: 28 Sep 2023 20:51

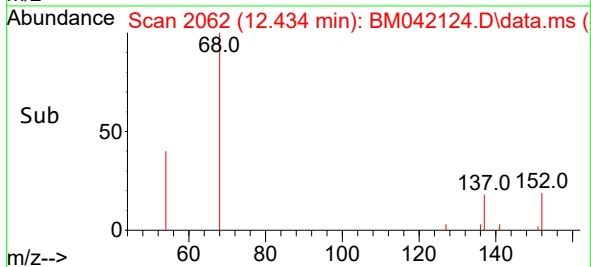
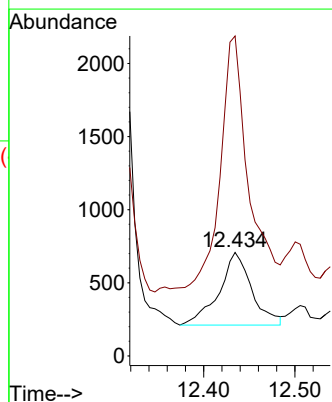
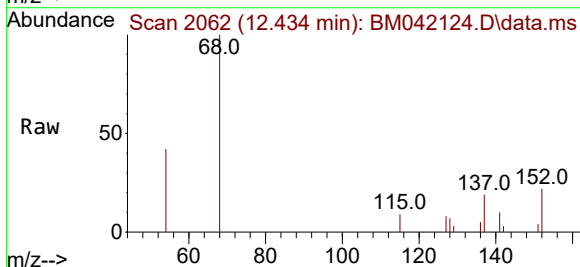
Instrument :
BNA_M
ClientSampleId :
BBBP0

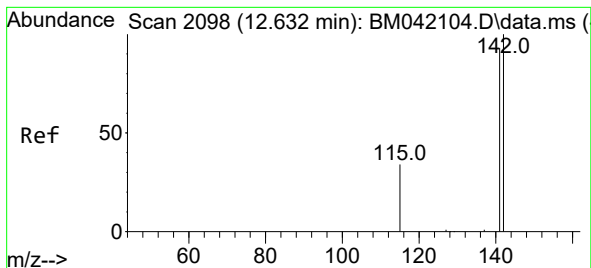
Tgt Ion: 88 Resp: 1374
Ion Ratio Lower Upper
88 100
43 405.6 42.9 64.3#
58 95.2 56.4 84.6#



#7
2-Methylnaphthalene
Concen: 0.043 ng/ul
RT: 12.434 min Scan# 2062
Delta R.T. 0.022 min
Lab File: BM042124.D
Acq: 28 Sep 2023 20:51

Tgt Ion: 142 Resp: 1241
Ion Ratio Lower Upper
142 100
141 293.5 72.1 108.1#





#8

1-Methylnaphthalene

Concen: 0.063 ng/ul

RT: 12.594 min Scan# 2091

Delta R.T. -0.033 min

Lab File: BM042124.D

Acq: 28 Sep 2023 20:51

Instrument :

BNA_M

ClientSampleId :

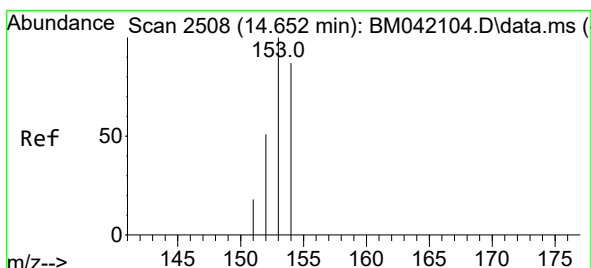
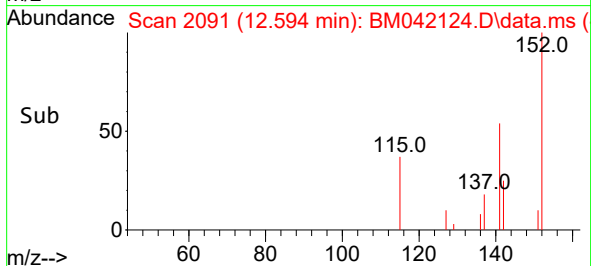
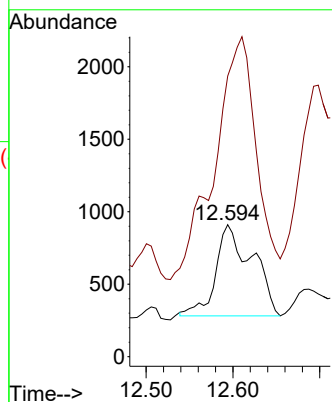
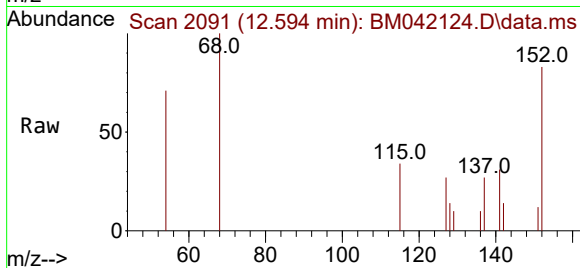
BBBP0

Tgt Ion:142 Resp: 1843

Ion Ratio Lower Upper

142 100

141 271.6 75.1 112.7#



#11

Acenaphthene

Concen: 0.039 ng/ul

RT: 14.648 min Scan# 2507

Delta R.T. -0.000 min

Lab File: BM042124.D

Acq: 28 Sep 2023 20:51

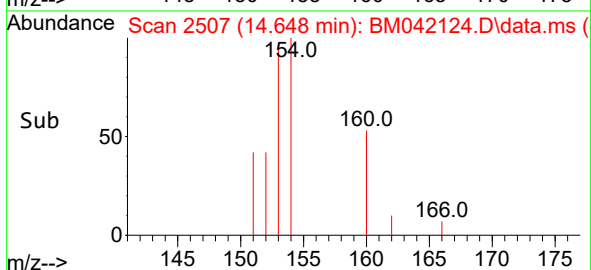
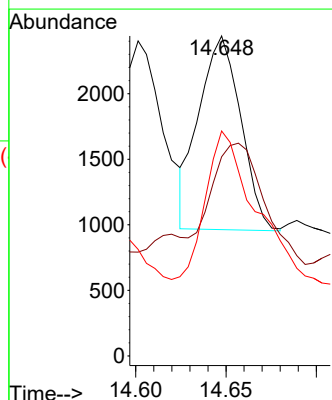
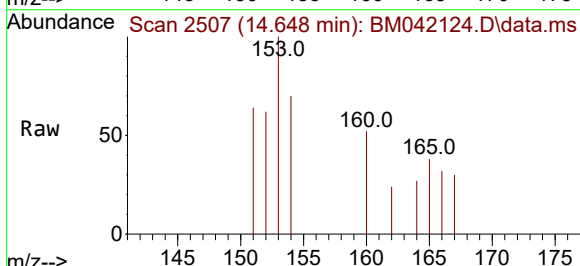
Tgt Ion:153 Resp: 2378

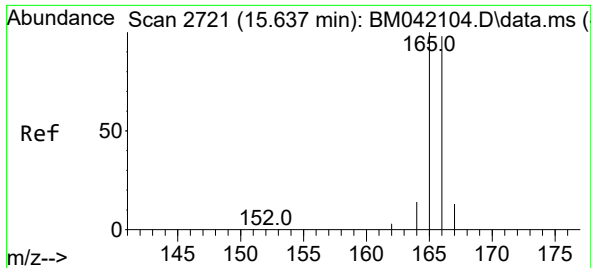
Ion Ratio Lower Upper

153 100

152 62.3 41.8 62.8

154 70.3 69.0 103.6

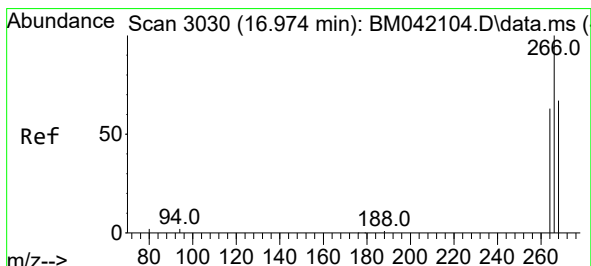
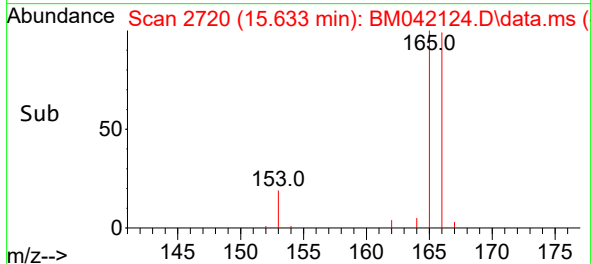
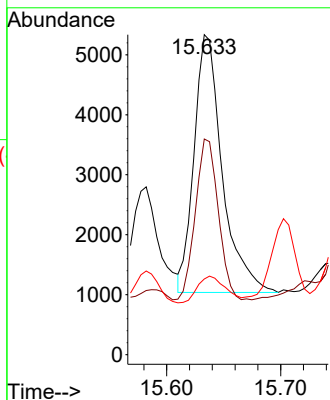
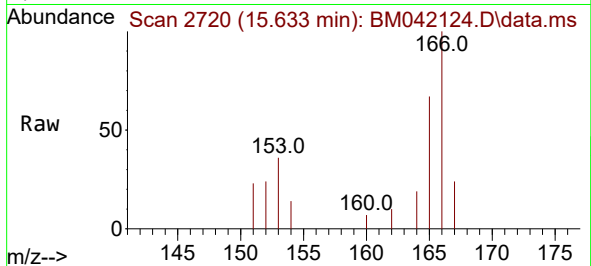




#12
 Fluorene
 Concen: 0.108 ng/ul
 RT: 15.633 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BM042124.D
 Acq: 28 Sep 2023 20:51

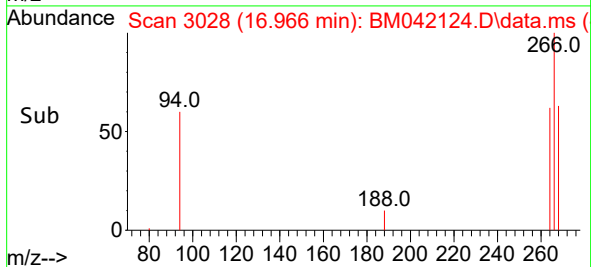
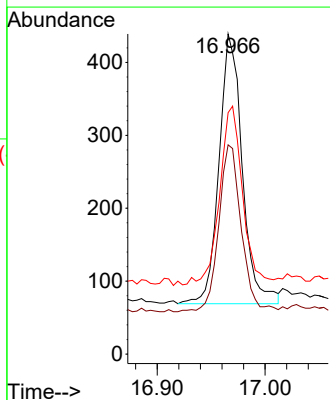
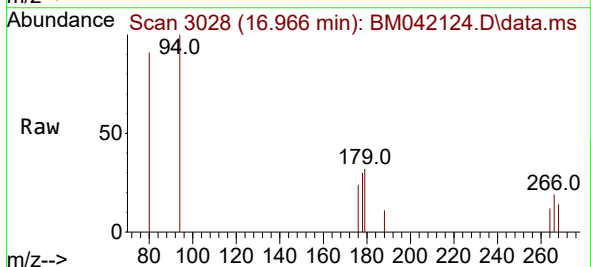
Instrument :
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 BBBP0

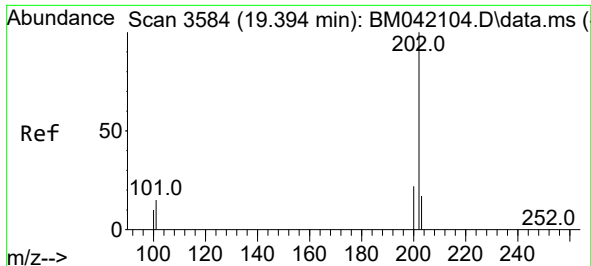
Tgt Ion:166 Resp: 7354
 Ion Ratio Lower Upper
 166 100
 165 67.4 79.8 119.8#
 167 23.6 11.1 16.7#



#14
 Pentachlorophenol
 Concen: 0.061 ng/ul
 RT: 16.966 min Scan# 3028
 Delta R.T. -0.008 min
 Lab File: BM042124.D
 Acq: 28 Sep 2023 20:51

Tgt Ion:266 Resp: 554
 Ion Ratio Lower Upper
 266 100
 264 59.9 50.2 75.4
 268 65.3 51.0 76.4

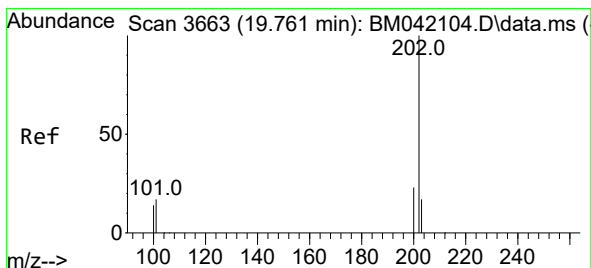
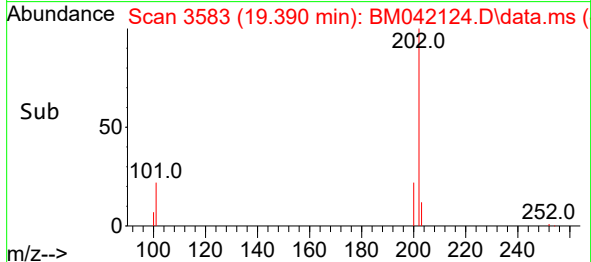
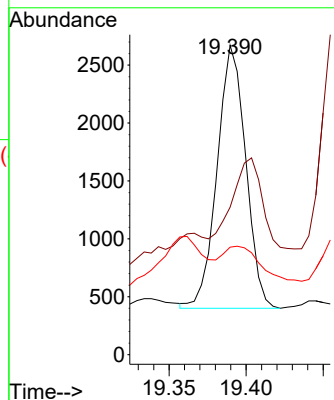
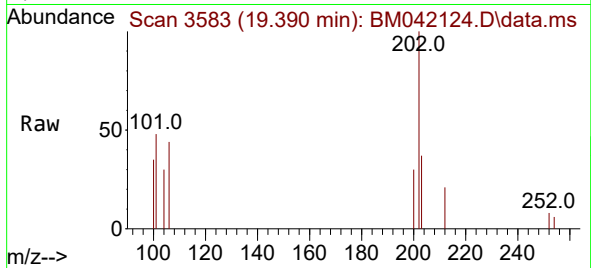




#19
Fluoranthene
Concen: 0.026 ng/ul
RT: 19.390 min Scan# 3584
Delta R.T. 0.000 min
Lab File: BM042124.D
Acq: 28 Sep 2023 20:51

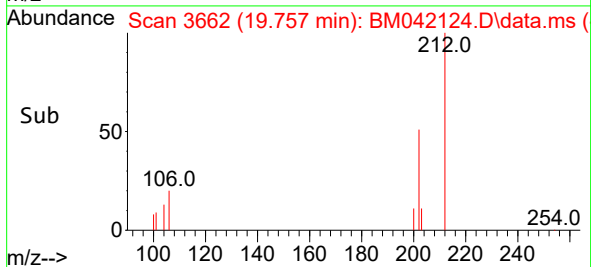
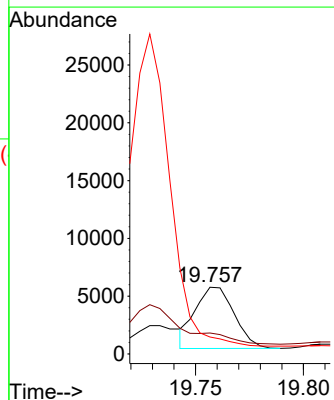
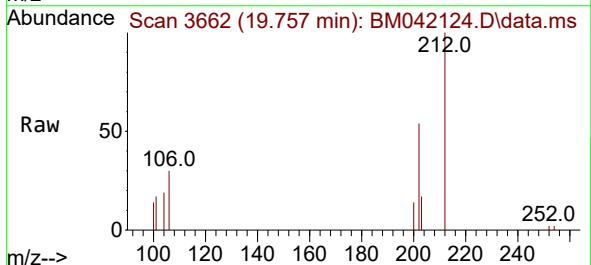
Instrument :
BNA_M
ClientSampleId :
BBBP0

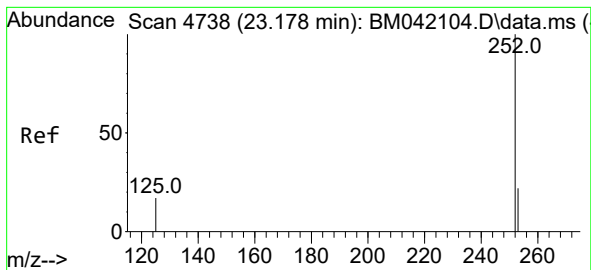
Tgt Ion:202 Resp: 2928
Ion Ratio Lower Upper
202 100
101 47.7 11.8 17.6#
100 34.8 9.1 13.7#



#20
Pyrene
Concen: 0.060 ng/ul
RT: 19.757 min Scan# 3662
Delta R.T. -0.000 min
Lab File: BM042124.D
Acq: 28 Sep 2023 20:51

Tgt Ion:202 Resp: 6654
Ion Ratio Lower Upper
202 100
101 31.3 14.1 21.1#
100 25.4 11.4 17.0#





#24

Benzo(b)fluoranthene

Concen: 0.023 ng/ul

RT: 23.176 min Scan# 41

Delta R.T. 0.003 min

Lab File: BM042124.D

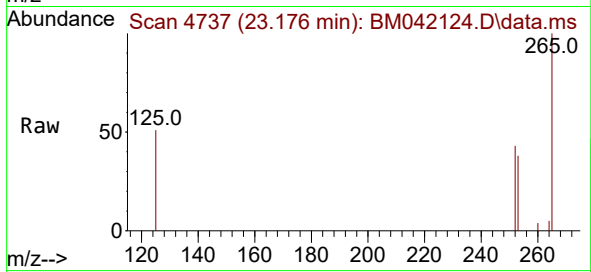
Acq: 28 Sep 2023 20:51

Instrument :

BNA_M

ClientSampleId :

BBBP0



Tgt Ion:252 Resp: 1665

Ion Ratio Lower Upper

252 100

253 88.0 0.0 54.4#

125 119.2 0.0 46.2#

