

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
 Data File : BM042044.D
 Acq On : 25 Sep 2023 22:13
 Operator : MA/JU
 Sample : 04429-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBBM3

Quant Time: Sep 26 02:20:37 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)

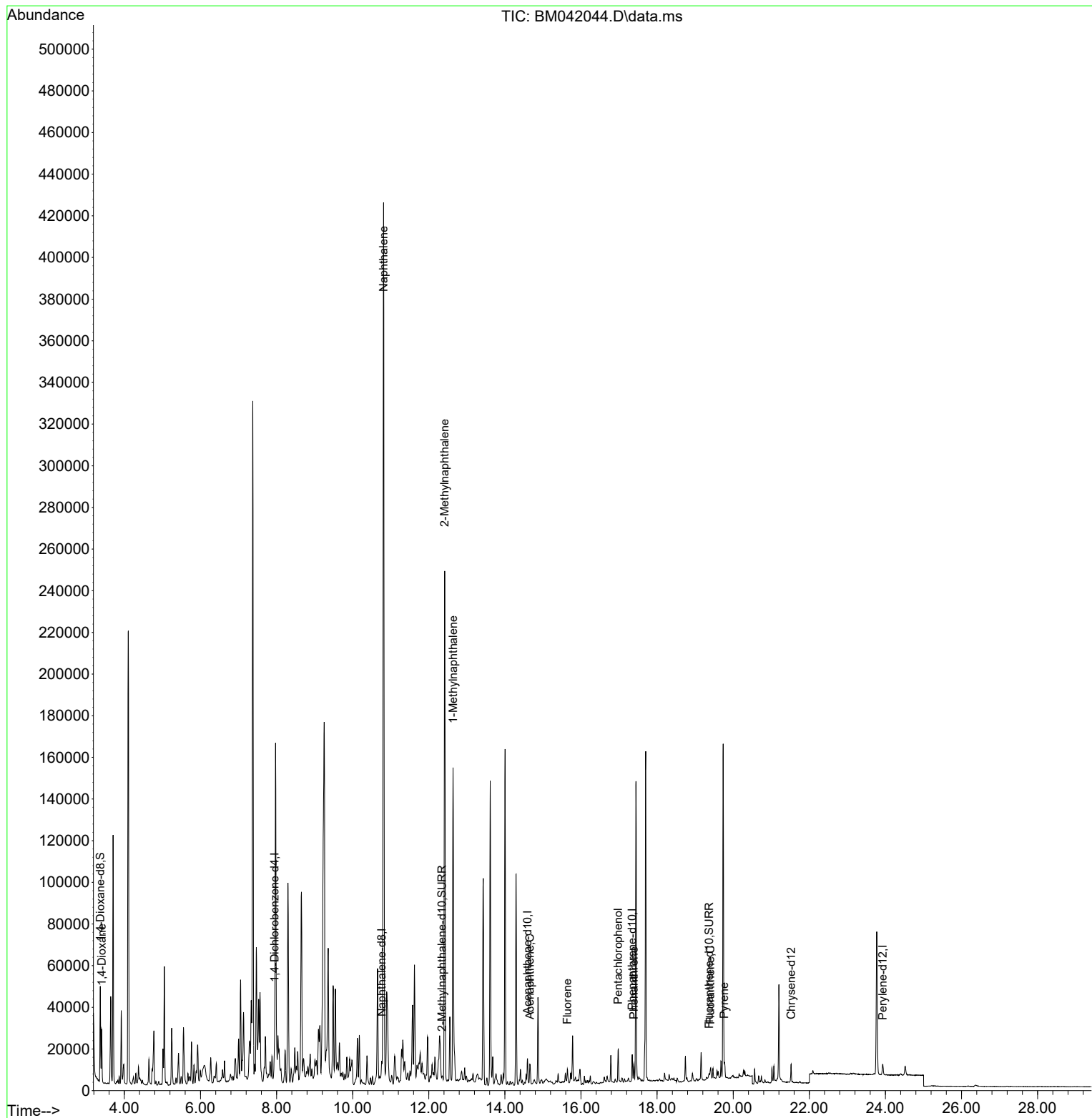
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	5128	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.763	136	13418	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.597	164	6500	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.346	188	12880	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.521	240	7514	0.400	ng/ul	0.00
23) Perylene-d12	23.930	264	6974	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.368	96	23952	3.428	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.346	152	939	0.056	ng/ul	0.00
18) Fluoranthene-d10	19.366	212	1442	0.047	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.406	88	14845	2.019	ng/ul#	90
5) Naphthalene	10.812	128	513214	11.417	ng/ul	99
7) 2-Methylnaphthalene	12.418	142	162550	6.066	ng/ul	99
8) 1-Methylnaphthalene	12.638	142	105466	3.877	ng/ul	91
11) Acenaphthene	14.657	153	5336	0.160	ng/ul	96
12) Fluorene	15.642	166	4074	0.108	ng/ul#	85
14) Pentachlorophenol	16.978	266	10462	1.536	ng/ul	100
15) Phenanthrene	17.388	178	9364	0.157	ng/ul#	87
19) Fluoranthene	19.399	202	2768	0.033	ng/ul#	1
20) Pyrene	19.766	202	3034	0.036	ng/ul#	19

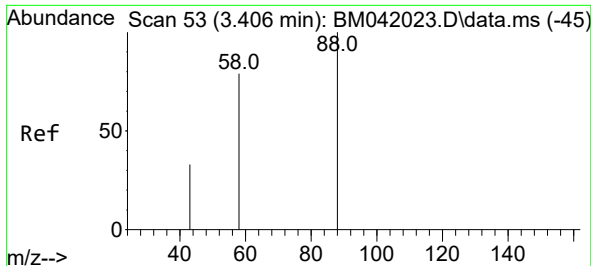
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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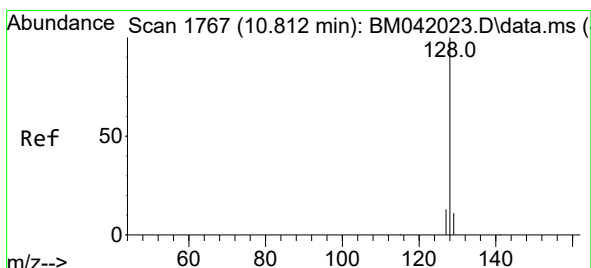
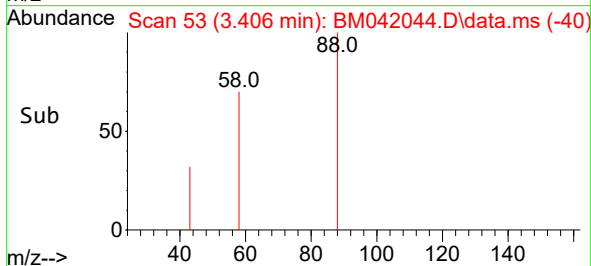
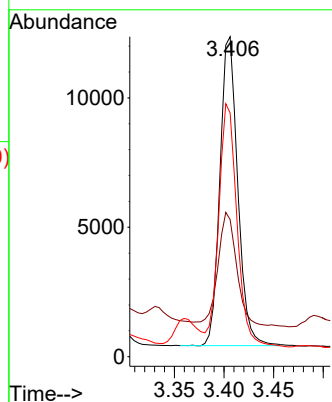
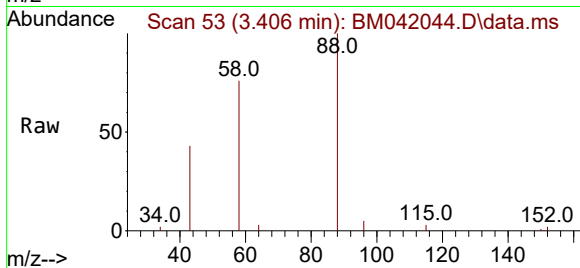




#2
1,4-Dioxane
Concen: 2.019 ng/ul
RT: 3.406 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM042044.D
Acq: 25 Sep 2023 22:13

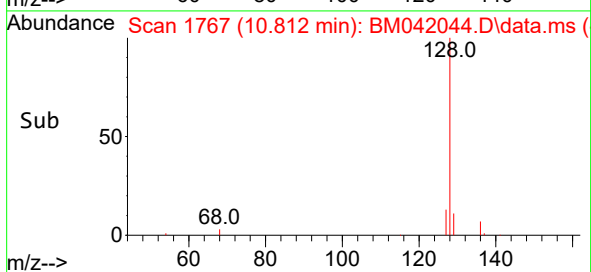
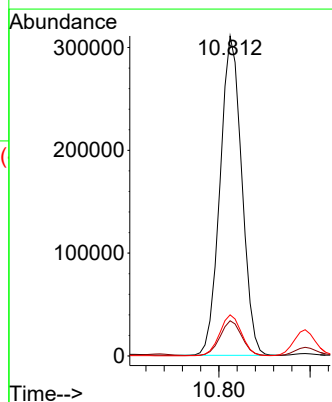
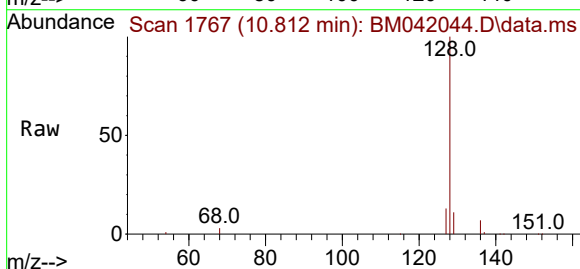
Instrument :
BNA_M
ClientSampleId :
BBBM3

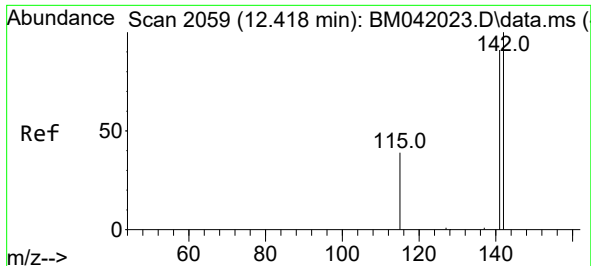
Tgt Ion: 88 Resp: 14845
Ion Ratio Lower Upper
88 100
43 42.8 42.9 64.3#
58 76.2 56.4 84.6



#5
Naphthalene
Concen: 11.417 ng/ul
RT: 10.812 min Scan# 1767
Delta R.T. -0.005 min
Lab File: BM042044.D
Acq: 25 Sep 2023 22:13

Tgt Ion: 128 Resp: 513214
Ion Ratio Lower Upper
128 100
129 11.0 9.2 13.8
127 12.9 10.8 16.2

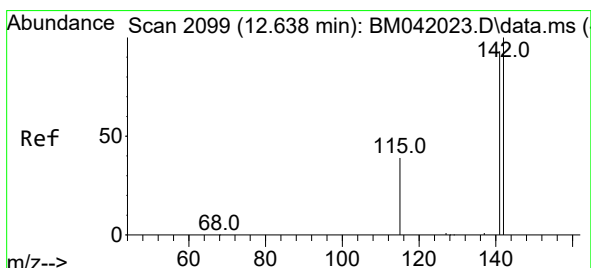
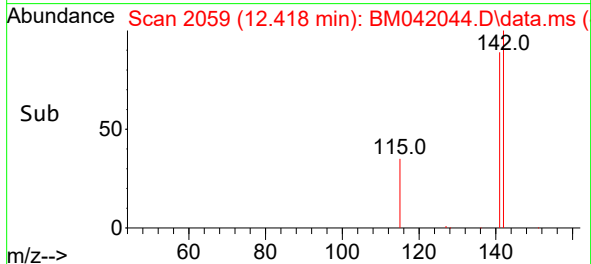
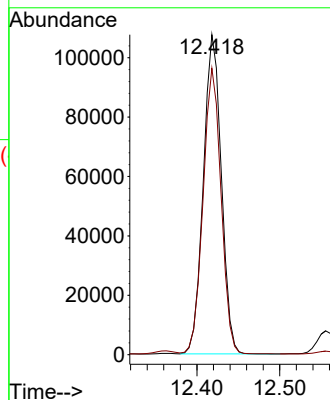
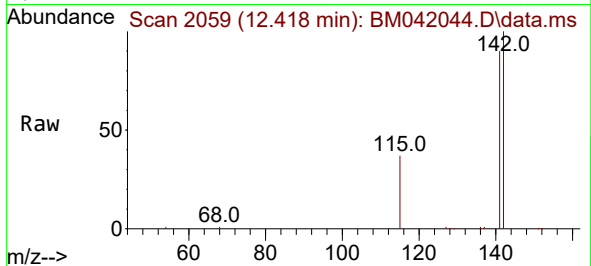




#7
2-Methylnaphthalene
Concen: 6.066 ng/ul
RT: 12.418 min Scan# 2059
Delta R.T. -0.005 min
Lab File: BM042044.D
Acq: 25 Sep 2023 22:13

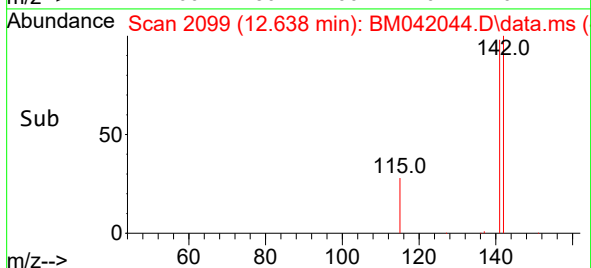
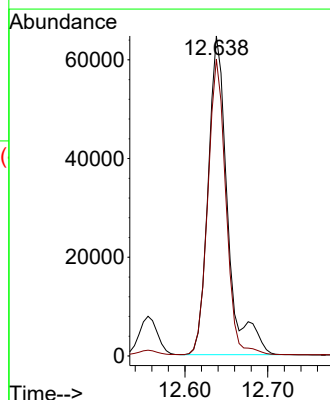
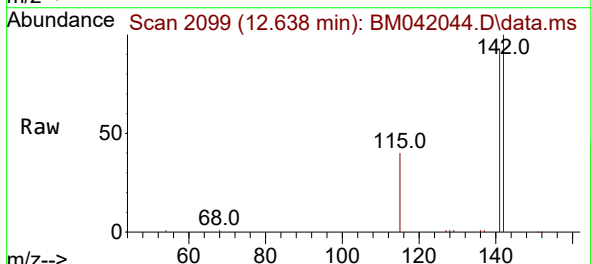
Instrument :
BNA_M
ClientSampleId :
BBBM3

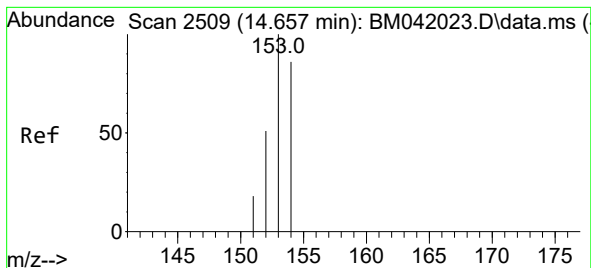
Tgt Ion:142 Resp: 162550
Ion Ratio Lower Upper
142 100
141 89.6 72.1 108.1



#8
1-Methylnaphthalene
Concen: 3.877 ng/ul
RT: 12.638 min Scan# 2099
Delta R.T. -0.005 min
Lab File: BM042044.D
Acq: 25 Sep 2023 22:13

Tgt Ion:142 Resp: 105466
Ion Ratio Lower Upper
142 100
141 85.4 75.1 112.7





#11

Acenaphthene

Concen: 0.160 ng/ul

RT: 14.657 min Scan# 21

Delta R.T. -0.004 min

Lab File: BM042044.D

Acq: 25 Sep 2023 22:13

Instrument :

BNA_M

ClientSampleId :

BBBM3

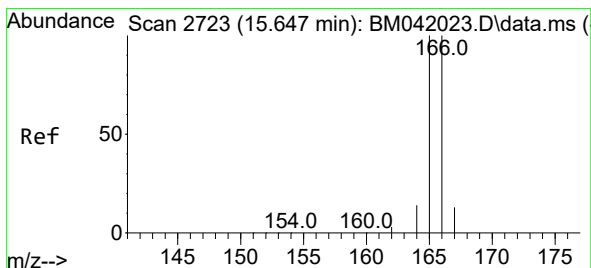
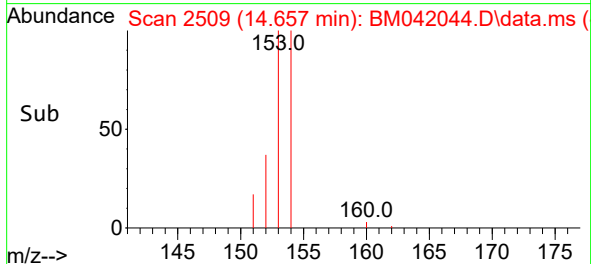
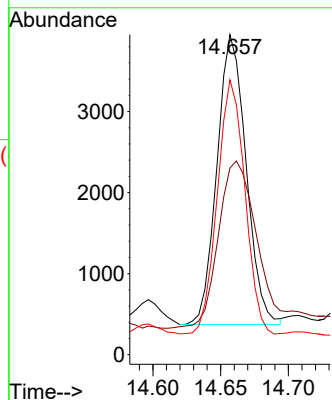
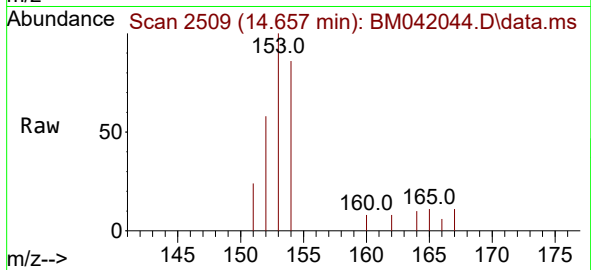
Tgt Ion:153 Resp: 5336

Ion Ratio Lower Upper

153 100

152 58.4 41.8 62.8

154 85.9 69.0 103.6



#12

Fluorene

Concen: 0.108 ng/ul

RT: 15.642 min Scan# 2722

Delta R.T. -0.009 min

Lab File: BM042044.D

Acq: 25 Sep 2023 22:13

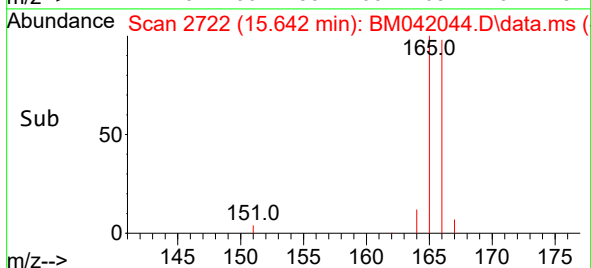
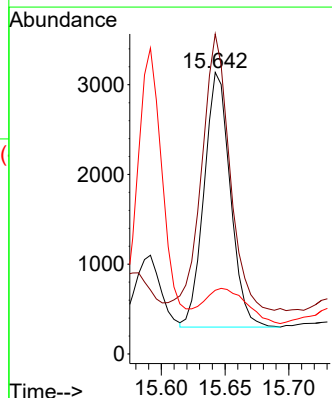
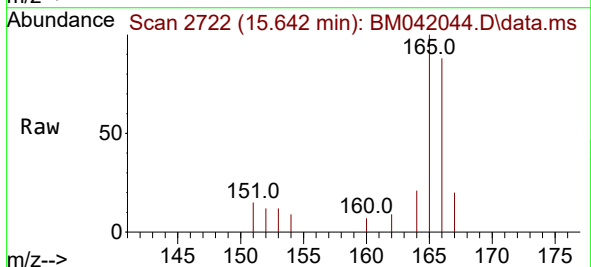
Tgt Ion:166 Resp: 4074

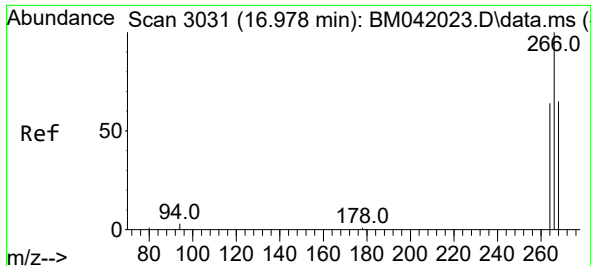
Ion Ratio Lower Upper

166 100

165 113.6 79.8 119.8

167 22.6 11.1 16.7#

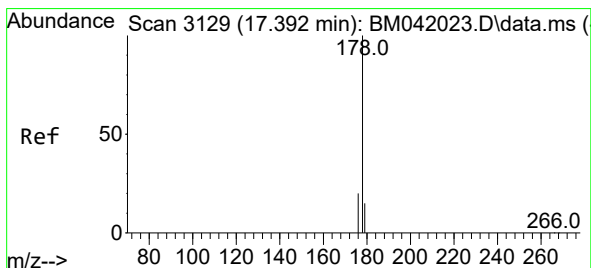
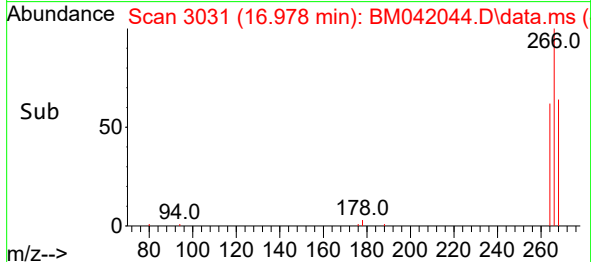
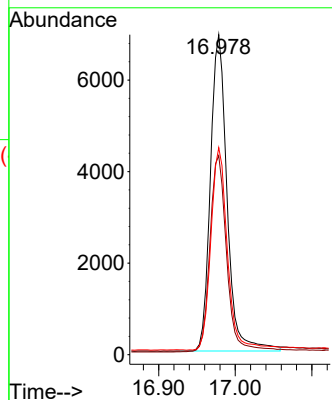
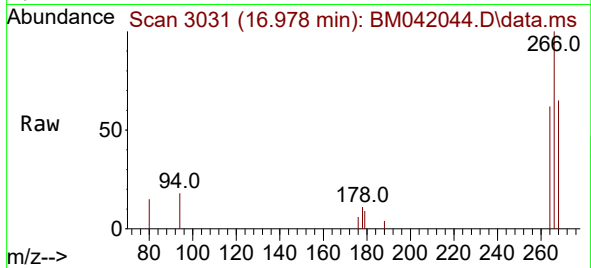




#14
 Pentachlorophenol
 Concen: 1.536 ng/ul
 RT: 16.978 min Scan# 3031
 Delta R.T. -0.004 min
 Lab File: BM042044.D
 Acq: 25 Sep 2023 22:13

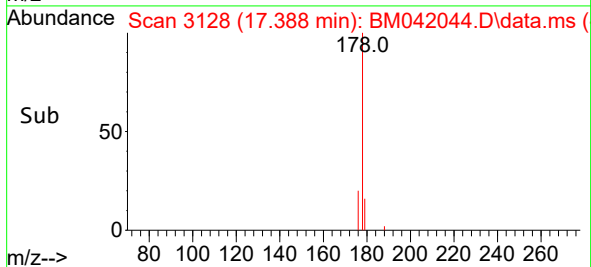
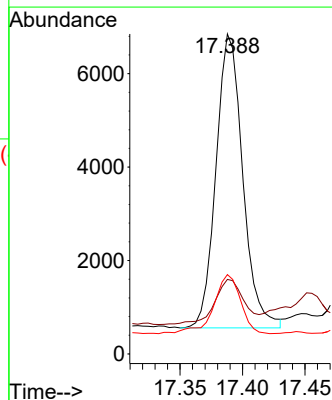
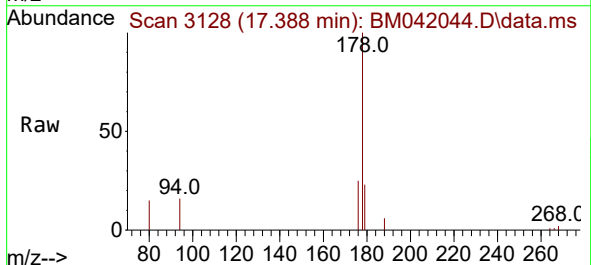
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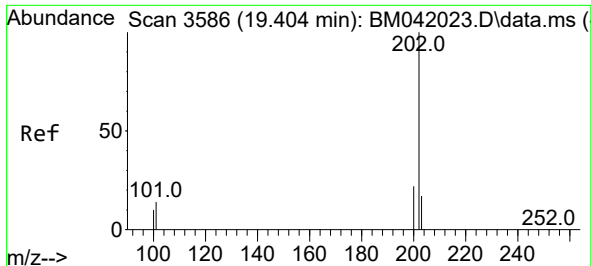
Tgt Ion:266 Resp: 10462
 Ion Ratio Lower Upper
 266 100
 264 62.6 50.2 75.4
 268 64.1 51.0 76.4



#15
 Phenanthrene
 Concen: 0.157 ng/ul
 RT: 17.388 min Scan# 3128
 Delta R.T. -0.008 min
 Lab File: BM042044.D
 Acq: 25 Sep 2023 22:13

Tgt Ion:178 Resp: 9364
 Ion Ratio Lower Upper
 178 100
 179 23.3 12.7 19.1#
 176 24.8 16.6 24.8

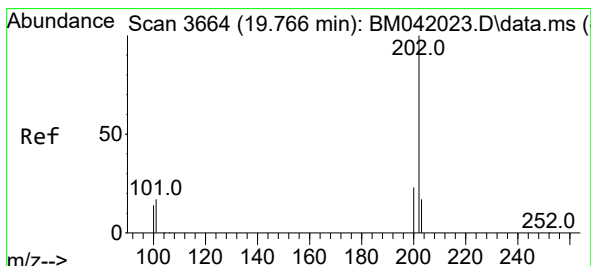
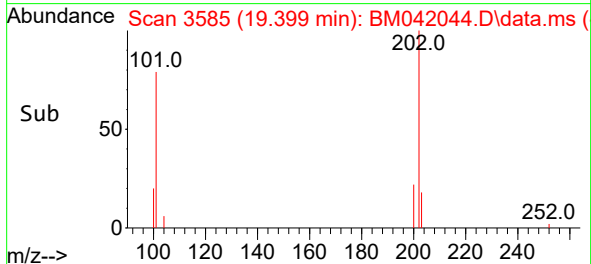
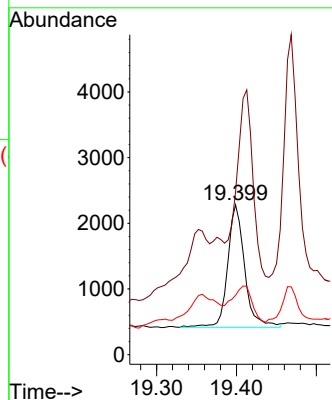
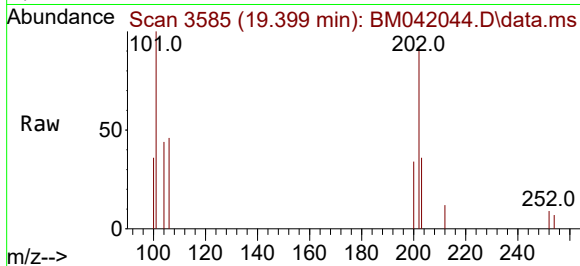




#19
Fluoranthene
Concen: 0.033 ng/ul
RT: 19.399 min Scan# 3585
Delta R.T. -0.004 min
Lab File: BM042044.D
Acq: 25 Sep 2023 22:13

Instrument :
BNA_M
ClientSampleId :
BBBM3

Tgt Ion:202 Resp: 2768
Ion Ratio Lower Upper
202 100
101 108.6 11.8 17.6#
100 39.6 9.1 13.7#



#20
Pyrene
Concen: 0.036 ng/ul
RT: 19.766 min Scan# 3664
Delta R.T. -0.004 min
Lab File: BM042044.D
Acq: 25 Sep 2023 22:13

Tgt Ion:202 Resp: 3034
Ion Ratio Lower Upper
202 100
101 60.0 14.1 21.1#
100 39.2 11.4 17.0#

