

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
 Data File : BM043769.D
 Acq On : 05 Jan 2024 20:27
 Operator : MA/JU
 Sample : 05953-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GCFB5

Quant Time: Jan 05 22:01:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 29 22:31:57 2023
 Response via : Initial Calibration

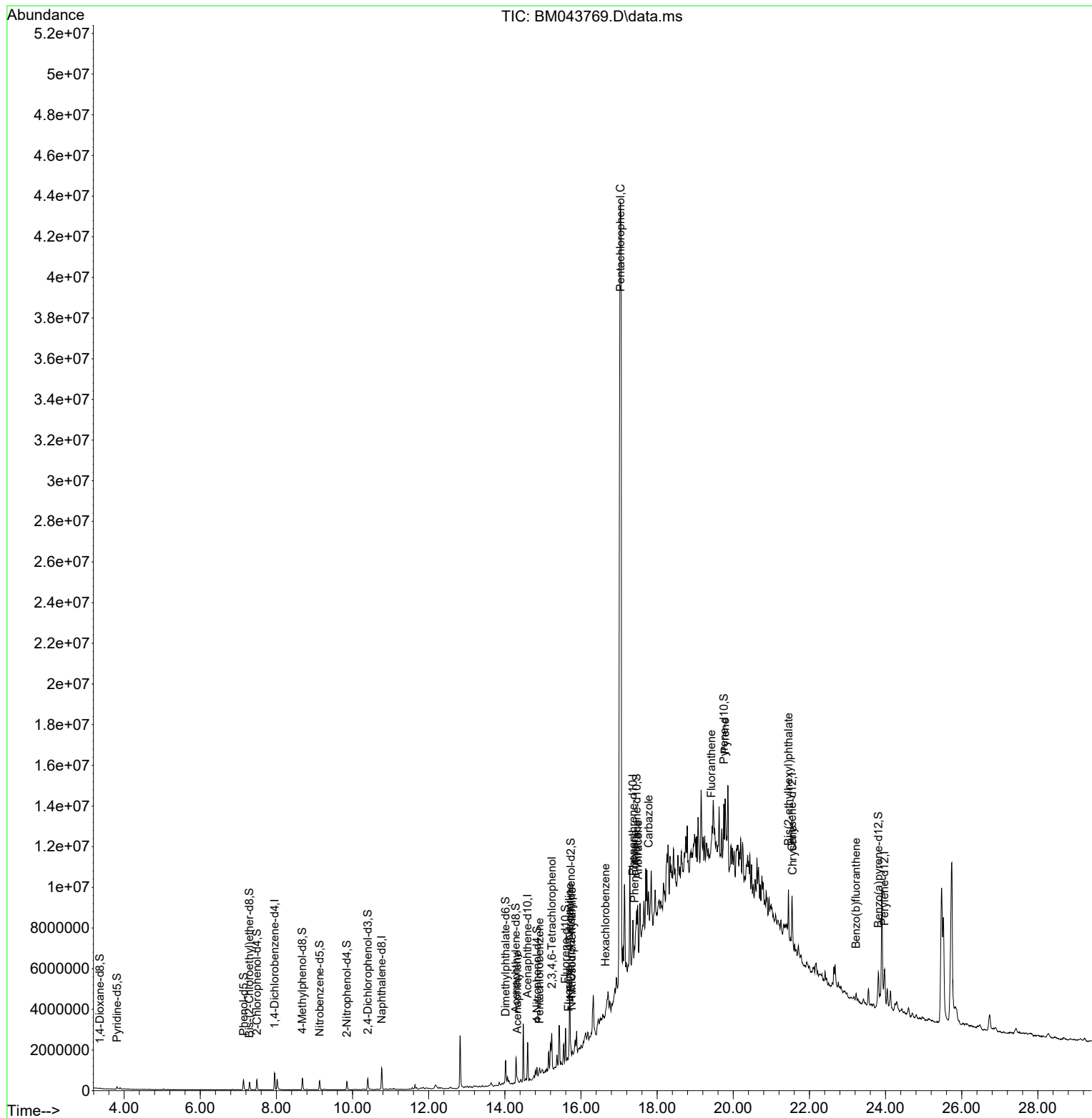
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	226788	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136	895388	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	529316	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.362	188	1065348	20.000	ng/ul	0.02
79) Chrysene-d12	21.545	240	1030169	20.000	ng/ul	0.02
88) Perylene-d12	23.968	264	1132759	20.000	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	11339	1.625	ng/uL	0.00
4) Pyridine-d5	3.810	84	100514	5.005	ng/ul	0.02
7) Phenol-d5	7.134	99	285601	11.070	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.293	67	173023	10.590	ng/ul	0.00
11) 2-Chlorophenol-d4	7.487	132	227220	11.535	ng/ul	0.00
15) 4-Methylphenol-d8	8.681	113	225402	11.259	ng/ul	0.01
21) Nitrobenzene-d5	9.134	128	109956	12.693	ng/ul	0.00
24) 2-Nitrophenol-d4	9.851	143	129841	14.506	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.398	165	223483	14.143	ng/ul	0.02
31) 4-Chloroaniline-d4	10.892	131	65	0.003	ng/ul	-0.02
46) Dimethylphthalate-d6	14.022	166	700931	14.710	ng/ul	0.00
49) Acenaphthylene-d8	14.292	160	858555	15.189	ng/ul	0.00
54) 4-Nitrophenol-d4	14.845	143	128001	14.193	ng/ul	0.05
60) Fluorene-d10	15.592	176	609873	15.478	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	103772	14.728	ng/ul	0.02
73) Anthracene-d10	17.462	188	936851	15.680	ng/ul	0.02
81) Pyrene-d10	19.756	212	1105166	13.588	ng/ul	0.03
92) Benzo(a)pyrene-d12	23.809	264	1058679	15.145	ng/ul	0.04
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.327	152	83459	1.286	ng/ul#	90
58) 2,3,4,6-Tetrachlorophenol	15.233	232	301222	32.299	ng/ul	92
61) Fluorene	15.674	166	70817	1.500	ng/ul#	40
63) 4-Nitroaniline	15.698	138	22587	2.363	ng/ul#	78
67) N-Nitrosodiphenylamine	15.757	169	41220	1.007	ng/ul	89
69) Hexachlorobenzene	16.645	284	14882	1.029	ng/ul#	1
71) Pentachlorophenol	17.039	266	16643038	1903.856	ng/ul	98
72) Phenanthrene	17.404	178	339972	4.708	ng/ul#	84
74) Anthracene	17.498	178	417559	5.730	ng/ul#	86
76) Pentachlorobenzene	14.910	250	20985	1.232	ng/uL	99
77) Carbazole	17.774	167	193560	3.112	ng/ul#	53
80) Fluoranthene	19.421	202	195195	1.938	ng/ul#	89
82) Pyrene	19.786	202	1271156	12.277	ng/ul#	95
86) Bis(2-ethylhexyl)phtha...	21.450	149	687077	10.781	ng/ul#	91
87) Chrysene	21.556	228	173467	2.238	ng/ul#	77
90) Benzo(b)fluoranthene	23.227	252	98814	1.138	ng/ul#	46

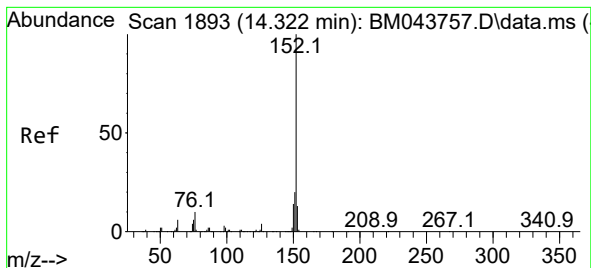
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
Data File : BM043769.D
Acq On : 05 Jan 2024 20:27
Operator : MA/JU
Sample : 05953-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCFB5

Quant Time: Jan 05 22:01:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration





#50

Acenaphthylene

Concen: 1.286 ng/ul

RT: 14.327 min Scan# 1893

Delta R.T. 0.012 min

Lab File: BM043769.D

Acq: 05 Jan 2024 20:27

Instrument :

BNA_M

ClientSampleId :

GCFB5

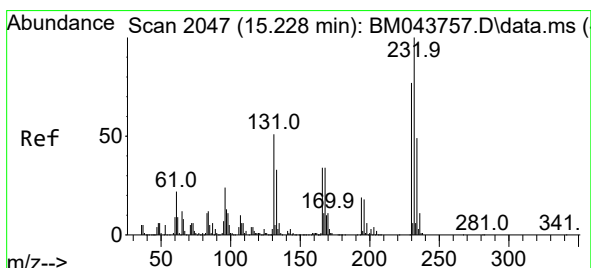
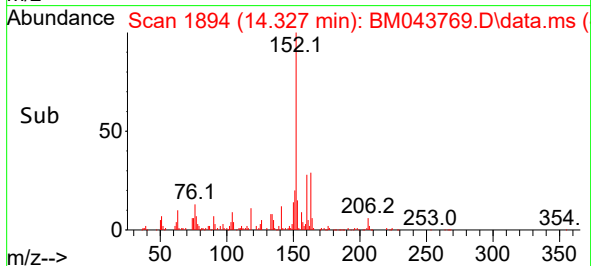
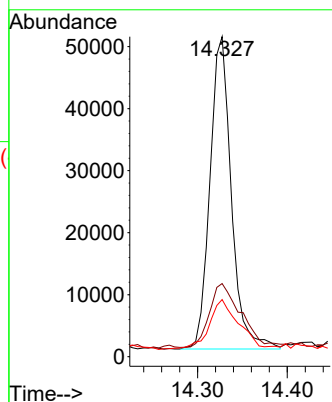
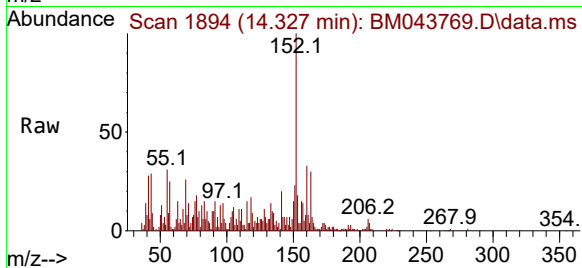
Tgt Ion:152 Resp: 83459

Ion Ratio Lower Upper

152 100

151 22.9 15.6 23.4

153 17.8 10.2 15.4#



#58

2,3,4,6-Tetrachlorophenol

Concen: 32.299 ng/ul

RT: 15.233 min Scan# 2048

Delta R.T. 0.018 min

Lab File: BM043769.D

Acq: 05 Jan 2024 20:27

Tgt Ion:232 Resp: 301222

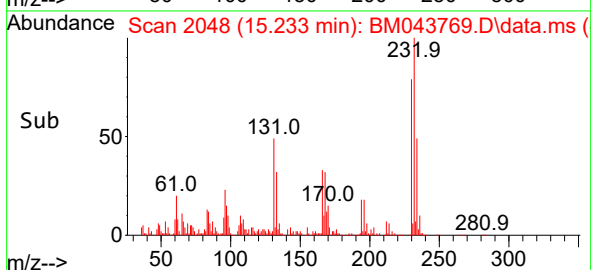
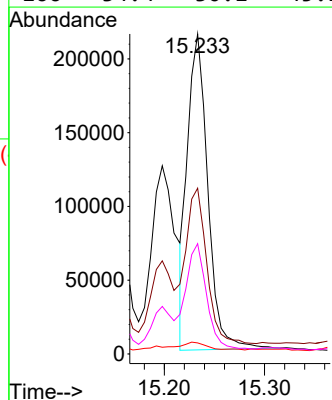
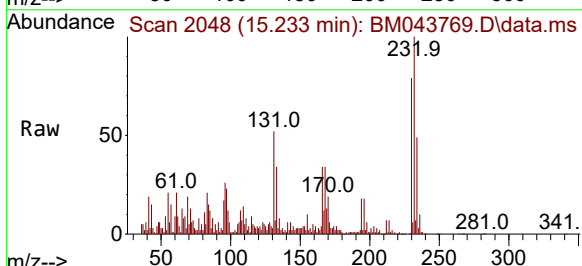
Ion Ratio Lower Upper

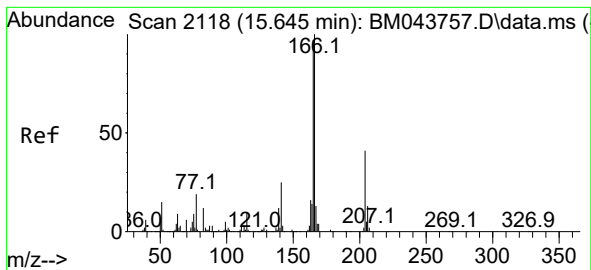
232 100

131 51.8 47.4 71.0

130 3.5 2.4 3.6

166 34.4 30.1 45.1





#61

Fluorene

Concen: 1.500 ng/ul

RT: 15.674 min Scan# 2118

Delta R.T. 0.035 min

Lab File: BM043769.D

Acq: 05 Jan 2024 20:27

Instrument :

BNA_M

ClientSampleId :

GCFB5

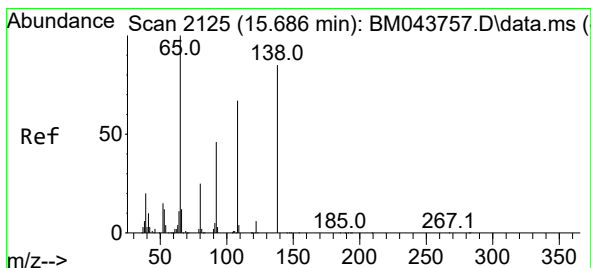
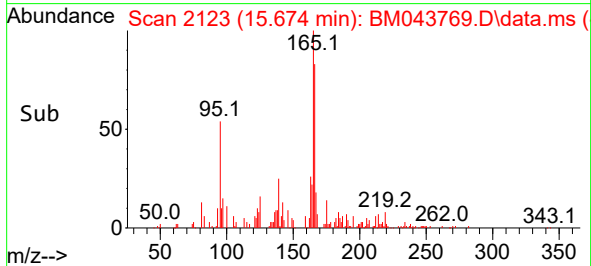
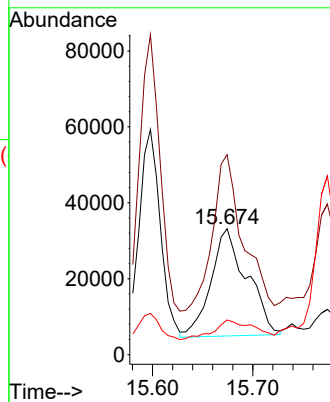
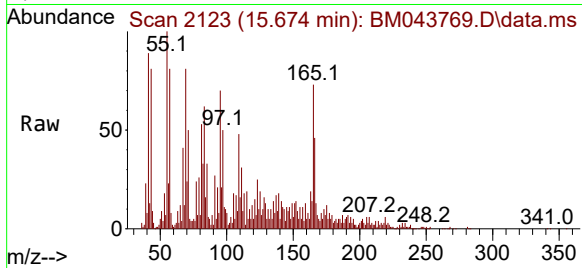
Tgt Ion:166 Resp: 70817

Ion Ratio Lower Upper

166 100

165 158.8 76.9 115.3#

167 27.5 10.9 16.3#



#63

4-Nitroaniline

Concen: 2.363 ng/ul

RT: 15.698 min Scan# 2127

Delta R.T. 0.029 min

Lab File: BM043769.D

Acq: 05 Jan 2024 20:27

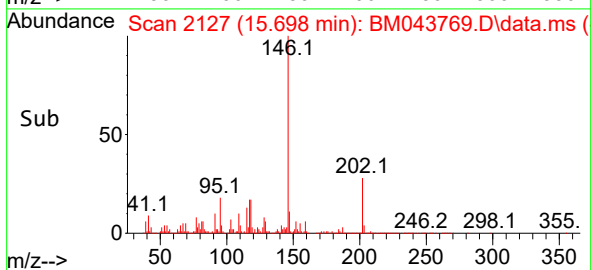
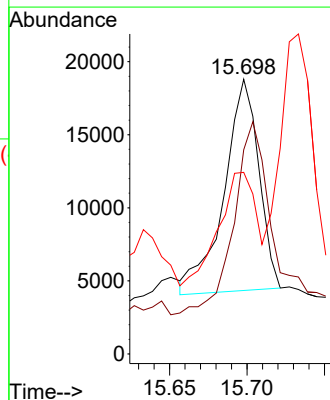
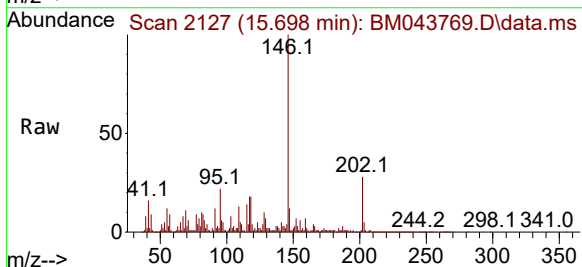
Tgt Ion:138 Resp: 22587

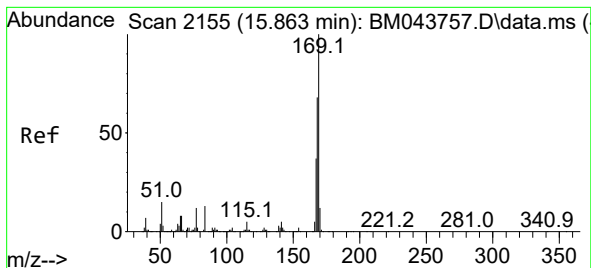
Ion Ratio Lower Upper

138 100

92 74.3 43.9 65.9#

108 66.1 67.0 100.6#





#67

N-Nitrosodiphenylamine

Concen: 1.007 ng/ul

RT: 15.757 min Scan# 2155

Delta R.T. -0.100 min

Lab File: BM043769.D

Acq: 05 Jan 2024 20:27

Instrument :

BNA_M

ClientSampleId :

GCFB5

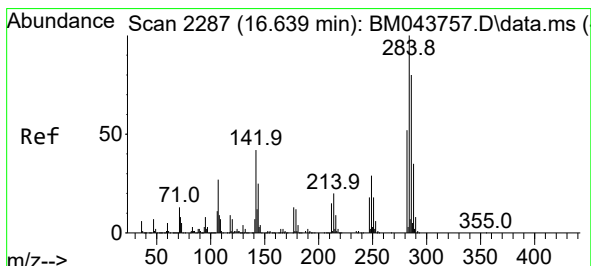
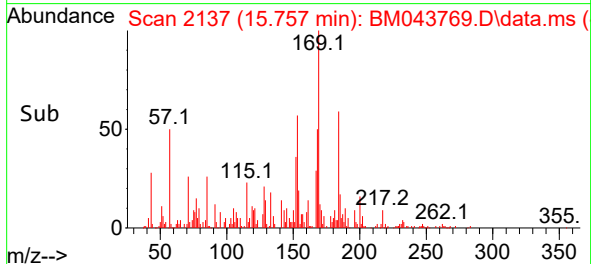
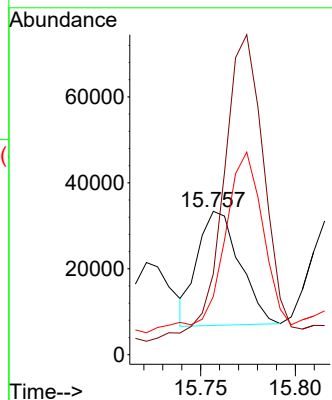
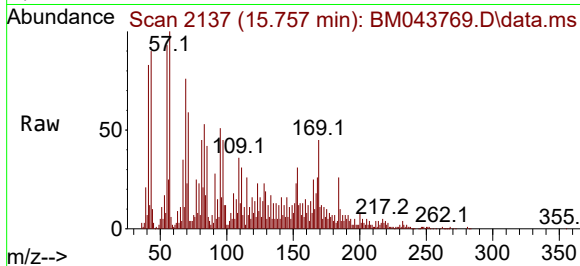
Tgt Ion:169 Resp: 41220

Ion Ratio Lower Upper

169 100

168 56.4 54.1 81.1

167 40.7 29.8 44.8



#69

Hexachlorobenzene

Concen: 1.029 ng/ul

RT: 16.645 min Scan# 2288

Delta R.T. 0.012 min

Lab File: BM043769.D

Acq: 05 Jan 2024 20:27

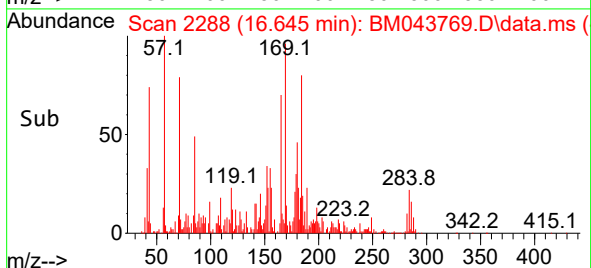
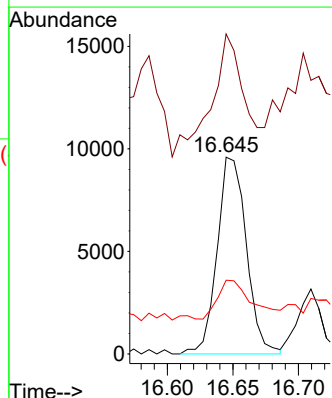
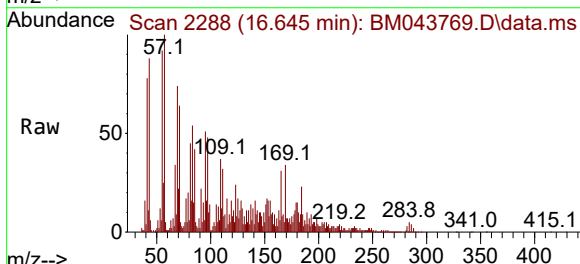
Tgt Ion:284 Resp: 14882

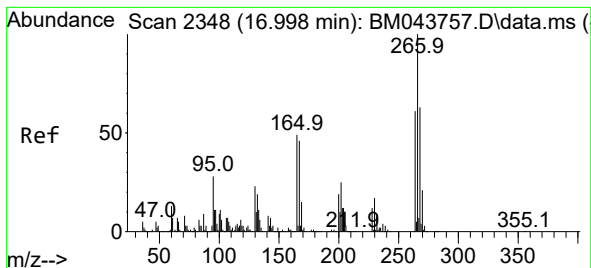
Ion Ratio Lower Upper

284 100

142 162.6 34.5 51.7#

249 37.5 23.8 35.6#





#71

Pentachlorophenol

Concen: 1903.856 ng/uI

RT: 17.039 min Scan# 2417

Delta R.T. 0.059 min

Lab File: BM043769.D

Acq: 05 Jan 2024 20:27

Instrument :

BNA_M

ClientSampleId :

GCFB5

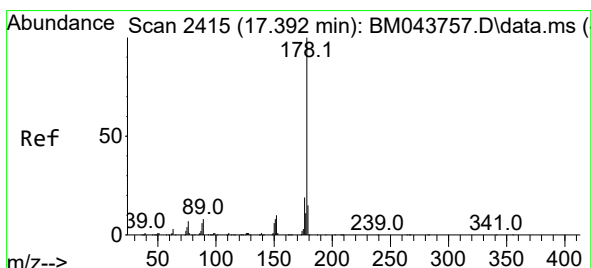
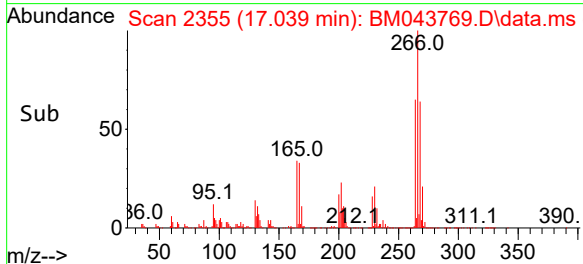
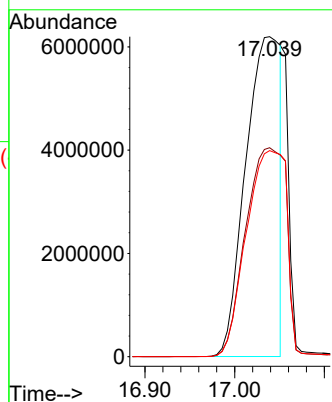
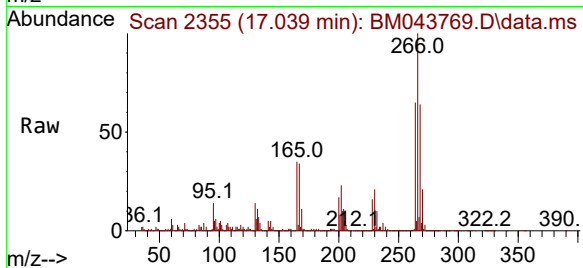
Tgt Ion:266 Resp:16643038

Ion Ratio Lower Upper

266 100

264 65.3 49.9 74.9

268 64.4 51.0 76.6



#72

Phenanthrene

Concen: 4.708 ng/uI

RT: 17.404 min Scan# 2417

Delta R.T. 0.023 min

Lab File: BM043769.D

Acq: 05 Jan 2024 20:27

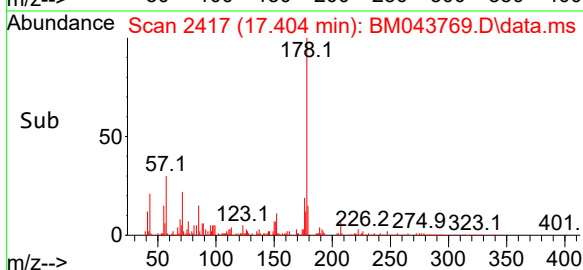
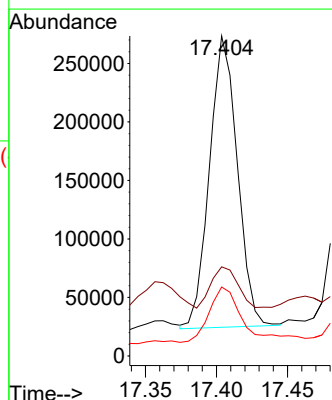
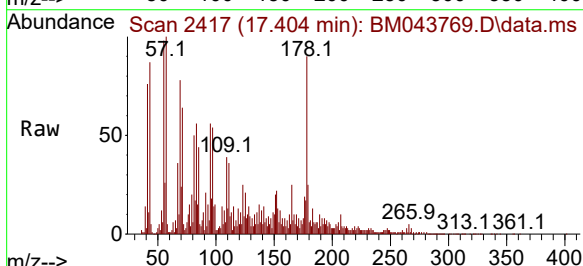
Tgt Ion:178 Resp: 339972

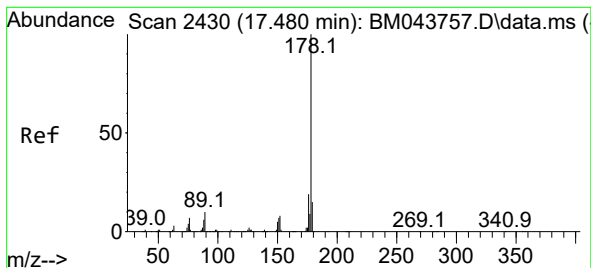
Ion Ratio Lower Upper

178 100

179 27.8 12.2 18.4#

176 21.6 15.5 23.3





#74

Anthracene

Concen: 5.730 ng/ul

RT: 17.498 min Scan# 2430

Delta R.T. 0.023 min

Lab File: BM043769.D

Acq: 05 Jan 2024 20:27

Instrument :

BNA_M

ClientSampleId :

GCFB5

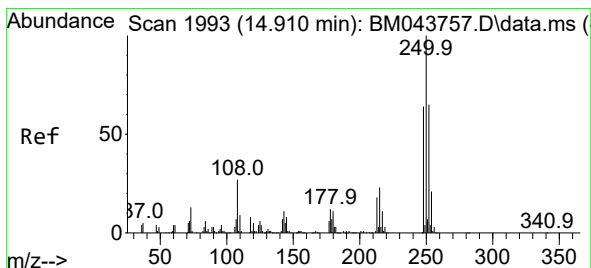
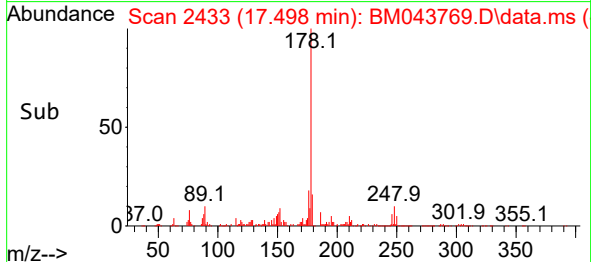
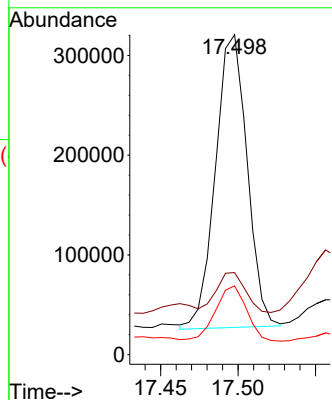
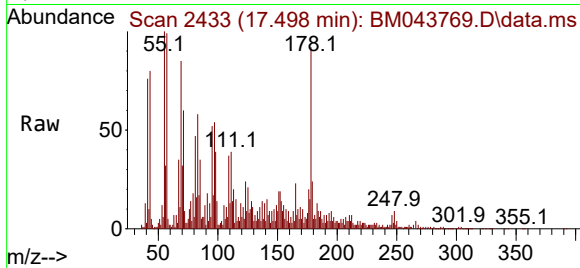
Tgt Ion:178 Resp: 417559

Ion Ratio Lower Upper

178 100

179 25.6 12.4 18.6#

176 21.5 15.2 22.8



#76

Pentachlorobenzene

Concen: 1.232 ng/uL

RT: 14.910 min Scan# 1993

Delta R.T. 0.006 min

Lab File: BM043769.D

Acq: 05 Jan 2024 20:27

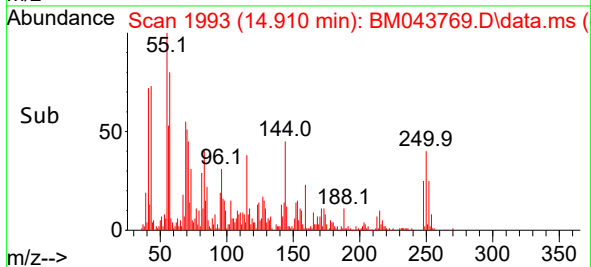
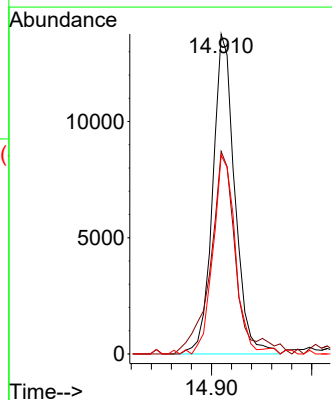
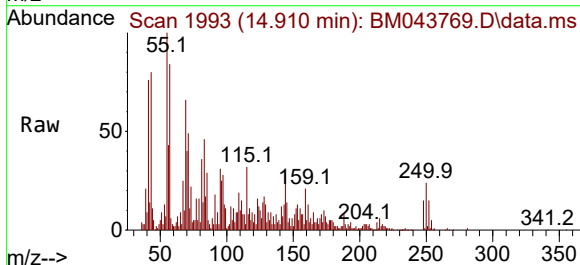
Tgt Ion:250 Resp: 20985

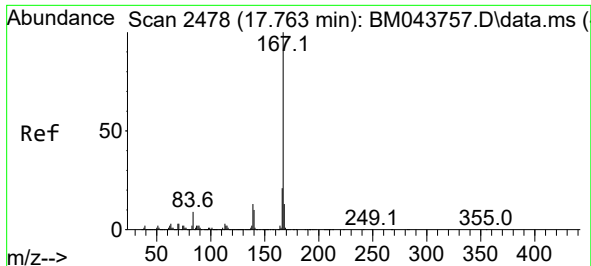
Ion Ratio Lower Upper

250 100

248 63.3 49.0 73.4

252 62.1 49.6 74.4

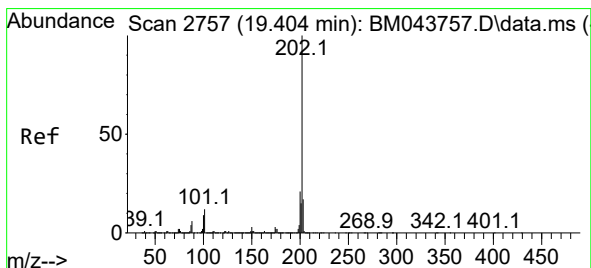
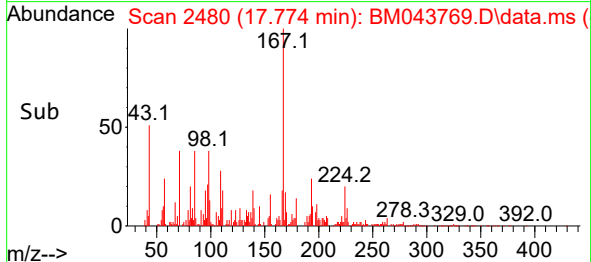
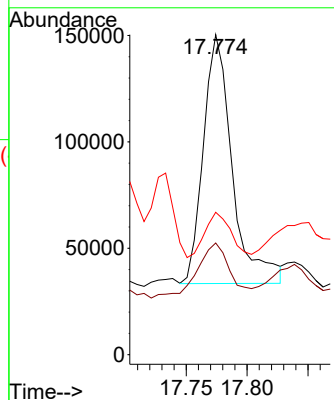
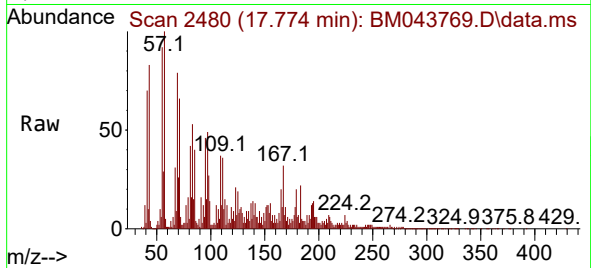




#77
Carbazole
Concen: 3.112 ng/ul
RT: 17.774 min Scan# 2478
Delta R.T. 0.029 min
Lab File: BM043769.D
Acq: 05 Jan 2024 20:27

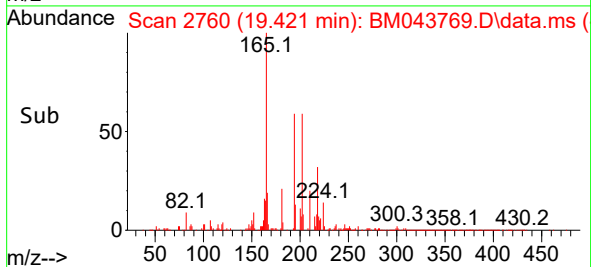
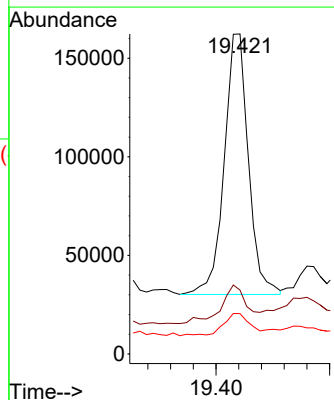
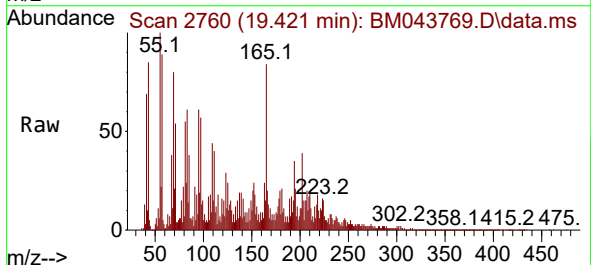
Instrument :
BNA_M
ClientSampleId :
GCFB5

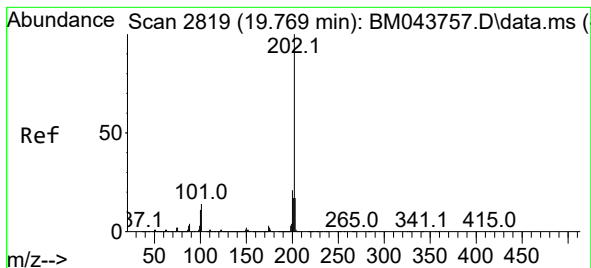
Tgt Ion:167 Resp: 193560
Ion Ratio Lower Upper
167 100
166 34.9 17.3 25.9#
139 44.5 10.7 16.1#



#80
Fluoranthene
Concen: 1.938 ng/ul
RT: 19.421 min Scan# 2760
Delta R.T. 0.029 min
Lab File: BM043769.D
Acq: 05 Jan 2024 20:27

Tgt Ion:202 Resp: 195195
Ion Ratio Lower Upper
202 100
101 20.0 11.4 17.0#
100 12.6 8.2 12.4#





#82

Pyrene

Concen: 12.277 ng/ul

RT: 19.786 min Scan# 21

Delta R.T. 0.029 min

Lab File: BM043769.D

Acq: 05 Jan 2024 20:27

Instrument :

BNA_M

ClientSampleId :

GCFB5

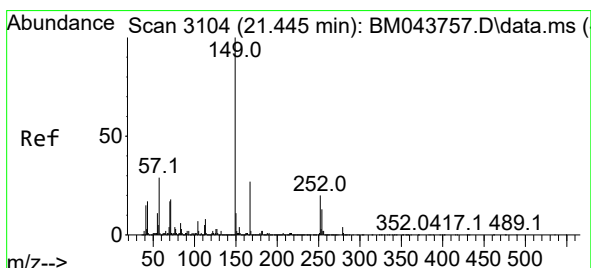
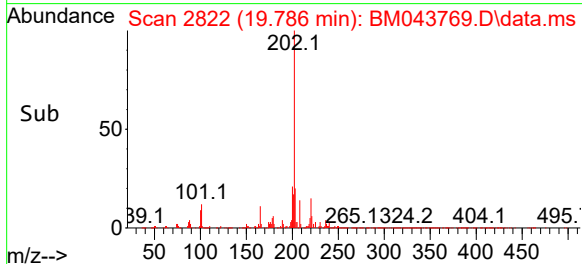
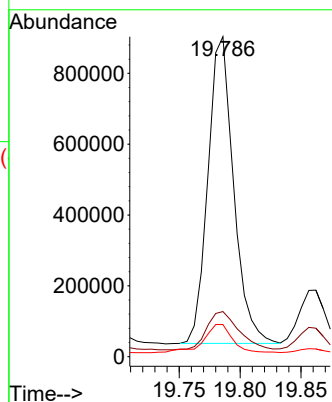
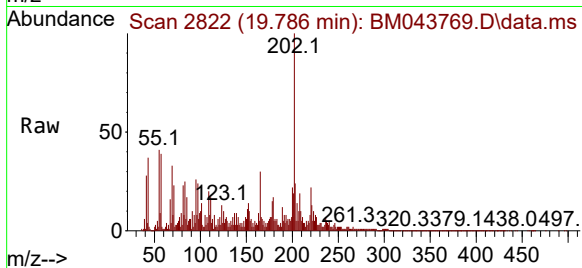
Tgt Ion:202 Resp: 1271156

Ion Ratio Lower Upper

202 100

101 14.1 12.7 19.1

100 10.1 10.1 15.1#



#86

Bis(2-ethylhexyl)phthalate

Concen: 10.781 ng/ul

RT: 21.450 min Scan# 3105

Delta R.T. 0.006 min

Lab File: BM043769.D

Acq: 05 Jan 2024 20:27

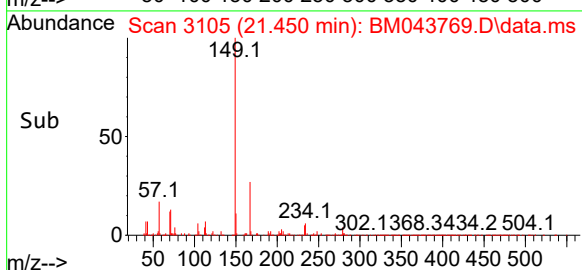
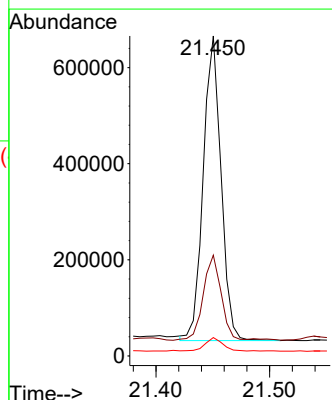
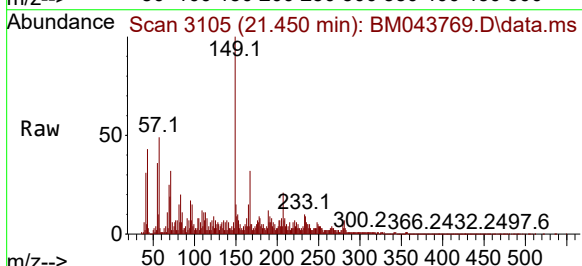
Tgt Ion:149 Resp: 687077

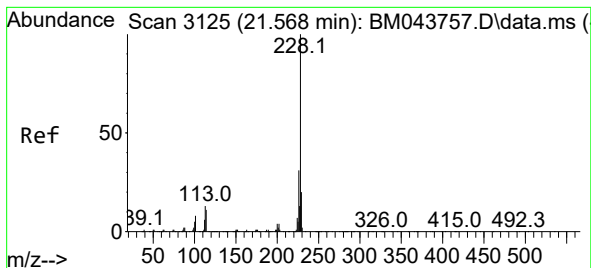
Ion Ratio Lower Upper

149 100

167 31.5 21.6 32.4

279 5.8 2.8 4.2#





#87

Chrysene

Concen: 2.238 ng/ul

RT: 21.556 min Scan# 3125

Delta R.T. -0.000 min

Lab File: BM043769.D

Acq: 05 Jan 2024 20:27

Instrument :

BNA_M

ClientSampleId :

GCFB5

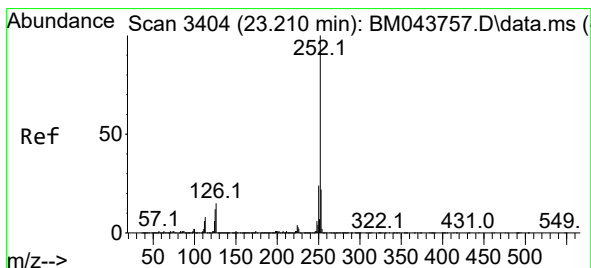
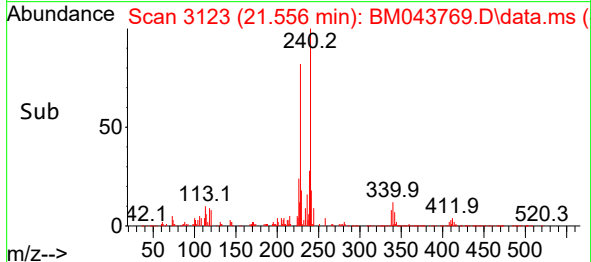
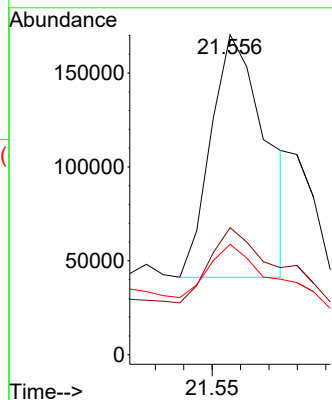
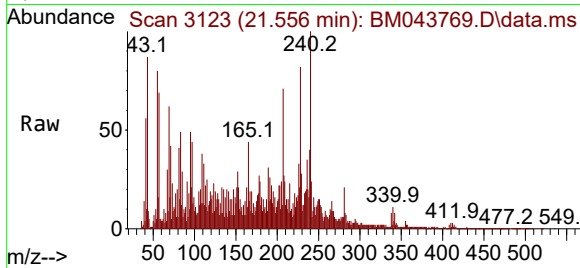
Tgt Ion:228 Resp: 173467

Ion Ratio Lower Upper

228 100

226 39.7 24.2 36.2#

229 34.5 15.9 23.9#



#90

Benzo(b)fluoranthene

Concen: 1.138 ng/ul

RT: 23.227 min Scan# 3407

Delta R.T. 0.029 min

Lab File: BM043769.D

Acq: 05 Jan 2024 20:27

Tgt Ion:252 Resp: 98814

Ion Ratio Lower Upper

252 100

253 36.2 17.4 26.2#

125 50.2 10.4 15.6#

