

Data File : BM023224.D
Acq On : 17 Oct 2019 17:53
Operator : JU
Sample : K5236-05
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEPL5

Quant Time: Oct 18 06:54:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 18 06:52:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	389532	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1538068	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	949817	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	1911341	20.00	ng/ul	0.00
78) Chrysene-d12	21.25	240	1917731	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2399376	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	25408	2.87	ng/uL	0.00
5) Phenol-d5	6.84	99	439215	12.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	259250	13.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	370542	14.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	325517	11.94	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	175172	16.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	189201	19.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	364623	14.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	367841	12.00	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	1069838	14.70	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	1271882	14.90	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	147610	12.53	ng/ul	0.00
58) Fluorene-d10	15.30	176	951619	15.35	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	116970	15.44	ng/ul	0.00
71) Anthracene-d10	17.16	188	1508809	16.37	ng/ul	0.00
79) Pyrene-d10	19.45	212	1640597	17.67	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	2037903	16.76	ng/ul	0.00

Target Compounds

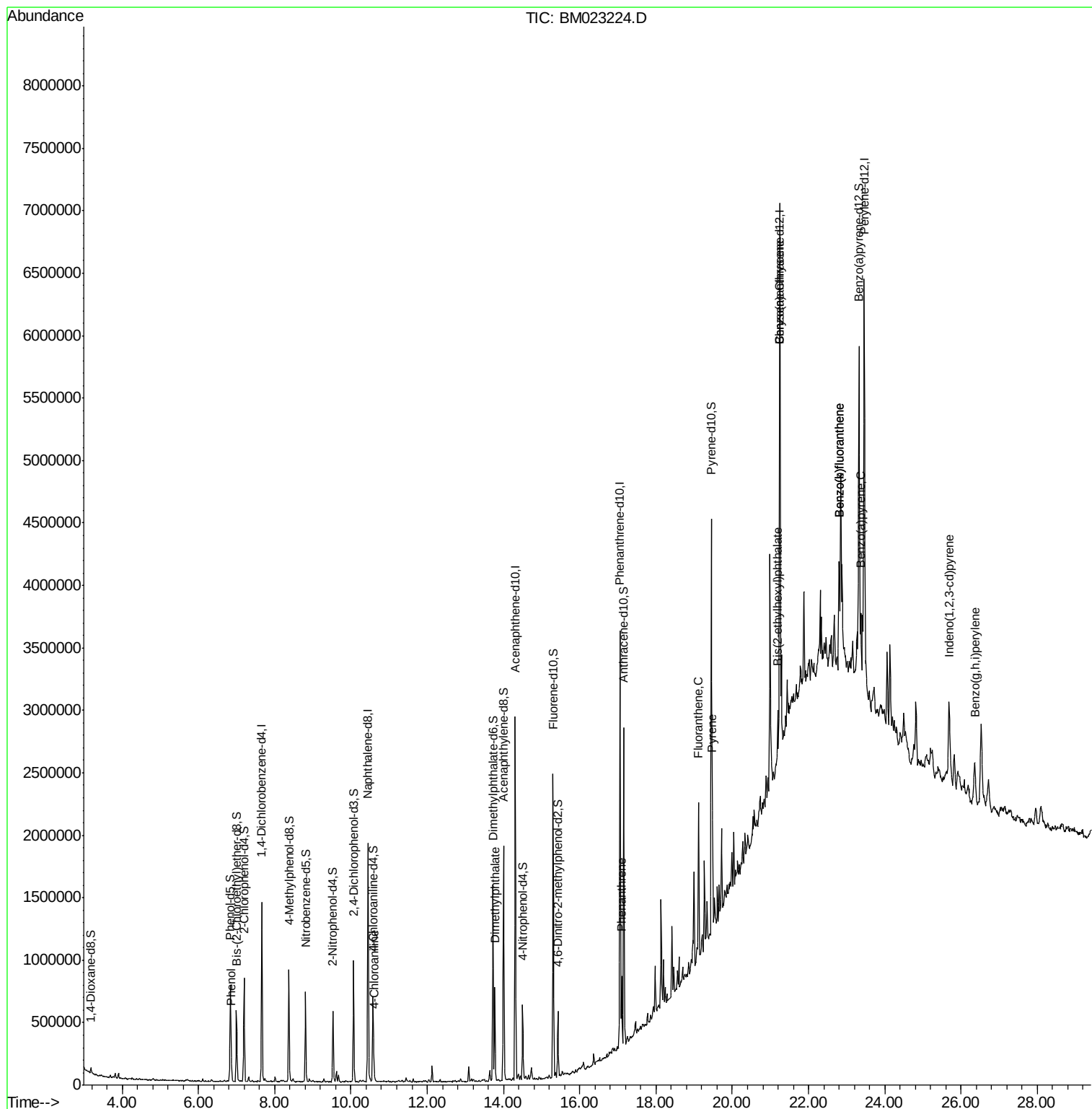
					Qvalue
6) Phenol	6.86	94	79720	2.279 ng/ul	97
30) 4-Chloroaniline	10.60	127	47637	1.502 ng/ul	94
45) Dimethylphthalate	13.77	163	478561	6.569 ng/ul	99
70) Phenanthrene	17.10	178	340540	3.175 ng/ul	99
77) Fluoranthene	19.12	202	764702	5.994 ng/ul	100
80) Pyrene	19.48	202	641305	5.338 ng/ul	100
83) Benzo(a)anthracene	21.23	228	386889	2.977 ng/ul	94
84) Bis(2-ethylhexyl)phthalate	21.19	149	153267	2.307 ng/ul#	98
85) Chrysene	21.23	228	394051	3.266 ng/ul	97
88) Benzo(b)fluoranthene	22.80	252	617194	4.243 ng/ul#	93
89) Benzo(k)fluoranthene	22.80	252	617194	4.418 ng/ul#	92
91) Benzo(a)pyrene	23.37	252	414744	2.972 ng/ul#	93
92) Indeno(1,2,3-cd)pyrene	25.68	276	368285	2.218 ng/ul	98
94) Benzo(g,h,i)perylene	26.36	276	372935	2.728 ng/ul	97

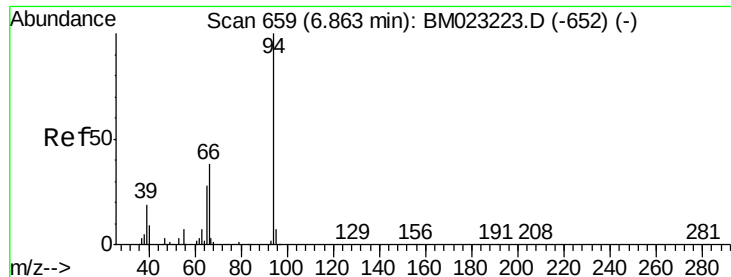
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.279 ng/ul

RT: 6.86 min Scan# 659

Delta R.T. 0.00 min

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BNA_M

ClientSampleId :

BEPL5

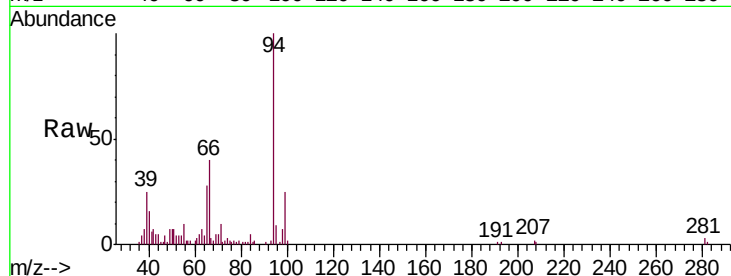
Tgt Ion: 94 Resp: 79720

Ion Ratio Lower Upper

94 100

65 27.9 23.7 35.5

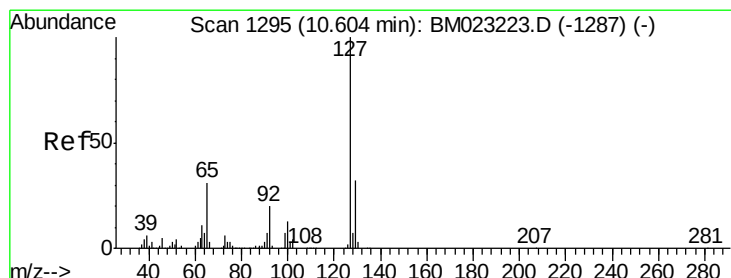
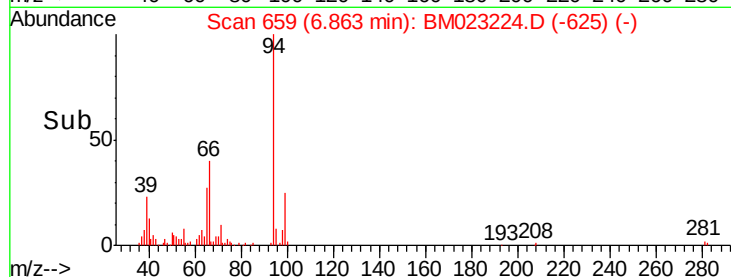
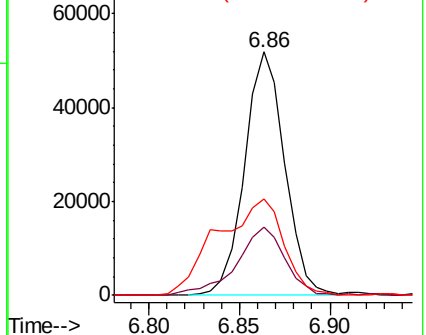
66 39.8 32.9 49.3



Abundance Ion 94.00 (93.70 to 94.70): BM023223.D (-652) (-)

Ion 65.00 (64.70 to 65.70): BM023223.D (-652) (-)

Ion 66.00 (65.70 to 66.70): BM023223.D (-652) (-)



#30

4-Chloroaniline

Concen: 1.502 ng/ul

RT: 10.60 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BM023224.D

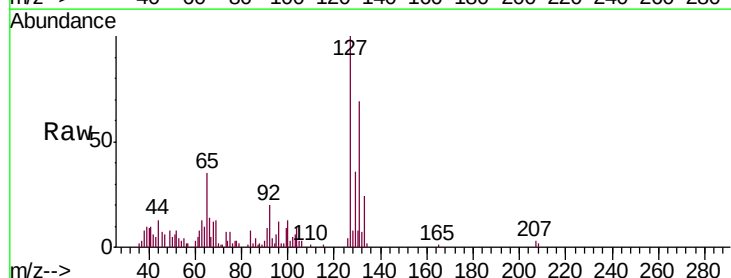
Acq: 17 Oct 2019 17:53

Tgt Ion: 127 Resp: 47637

Ion Ratio Lower Upper

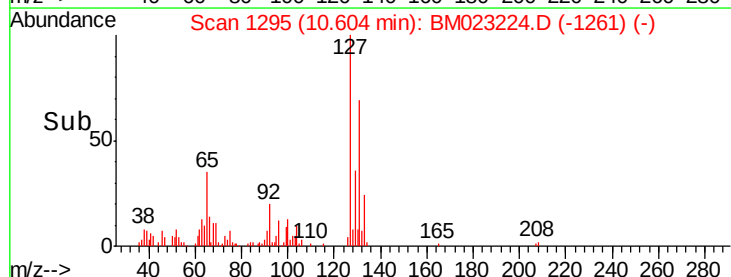
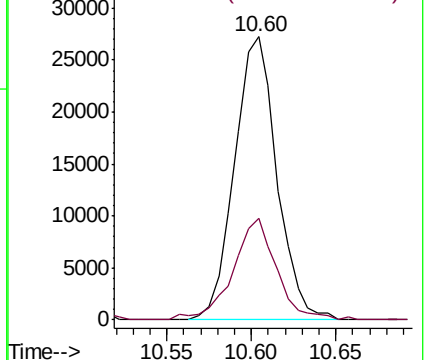
127 100

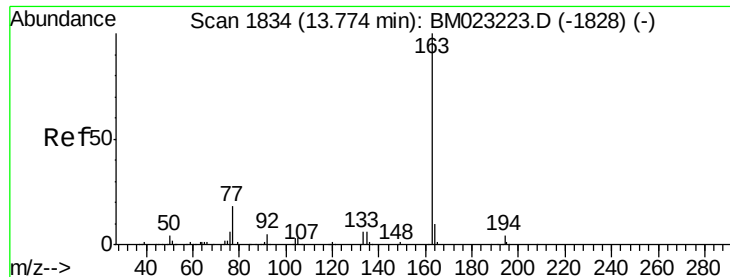
129 36.1 26.3 39.5



Abundance Ion 127.00 (126.70 to 127.70): BM023223.D (-1287) (-)

Ion 129.00 (128.70 to 129.70): BM023223.D (-1287) (-)

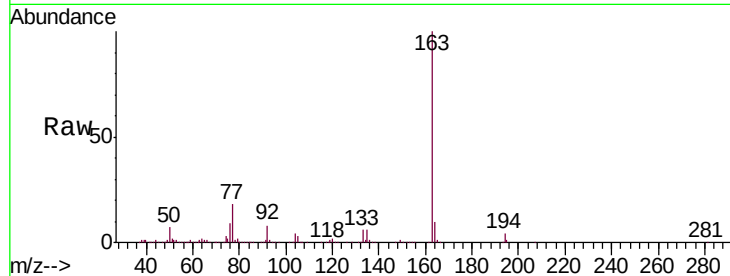




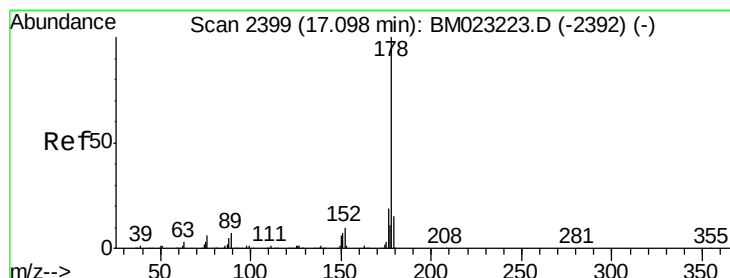
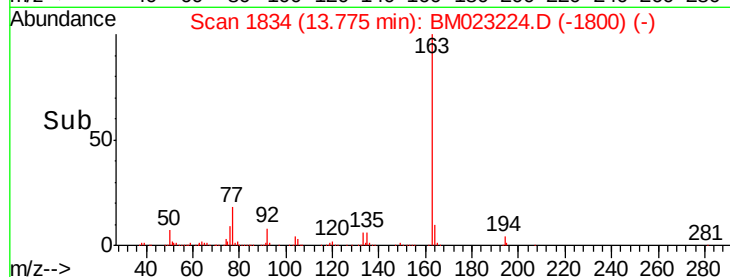
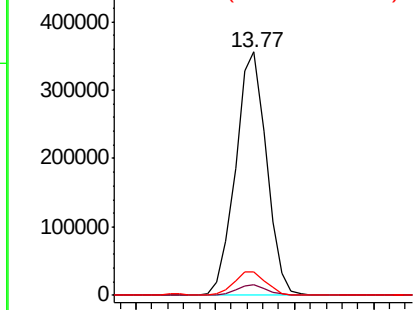
#45
Dimethylphthalate
Concen: 6.569 ng/ul
RT: 13.77 min Scan# 1834
Delta R.T. 0.00 min
Lab File: BM023224.D
Acq: 17 Oct 2019 17:53

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Tgt Ion:163 Resp: 478561
Ion Ratio Lower Upper
163 100
194 4.5 3.5 5.3
164 9.6 8.0 12.0

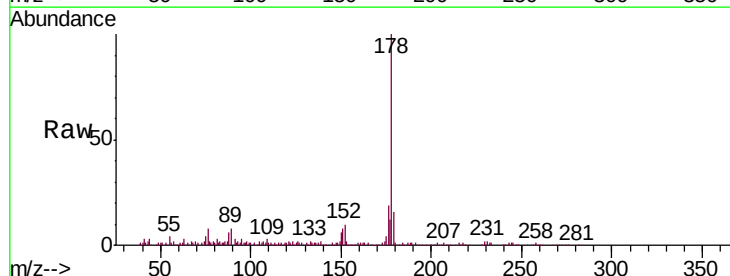


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

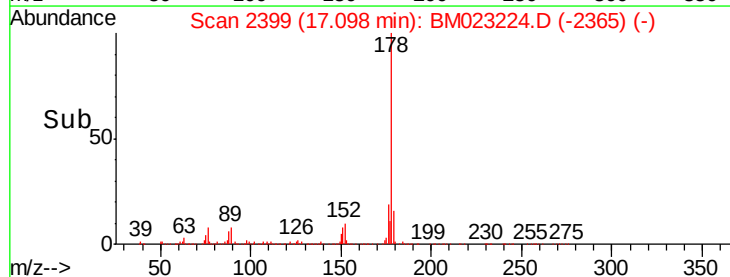
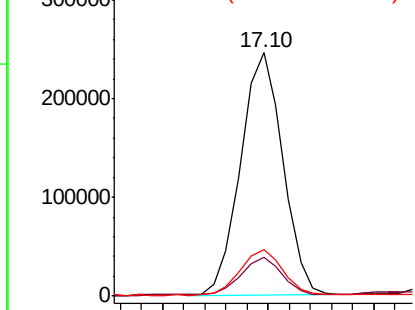


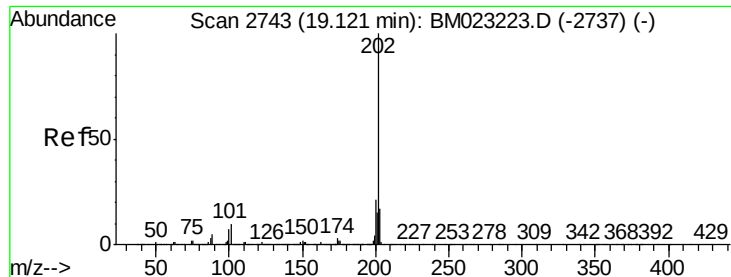
#70
Phenanthrene
Concen: 3.175 ng/ul
RT: 17.10 min Scan# 2399
Delta R.T. 0.00 min
Lab File: BM023224.D
Acq: 17 Oct 2019 17:53

Tgt Ion:178 Resp: 340540
Ion Ratio Lower Upper
178 100
179 15.9 12.3 18.5
176 19.2 15.5 23.3



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

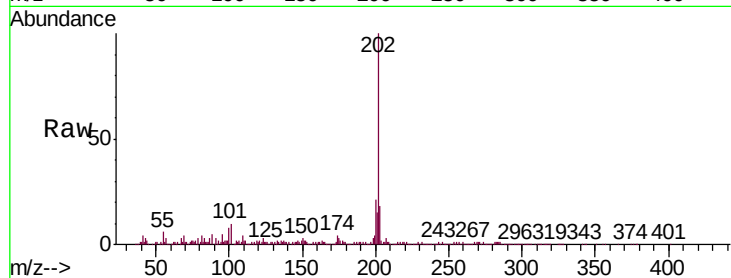




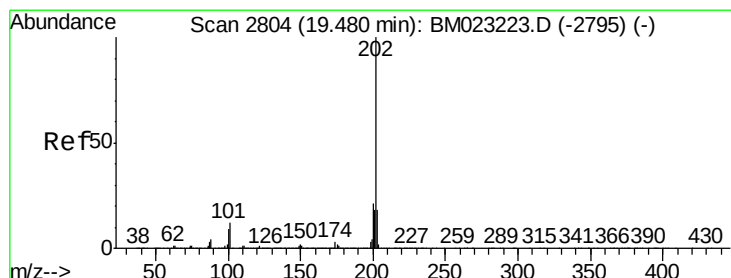
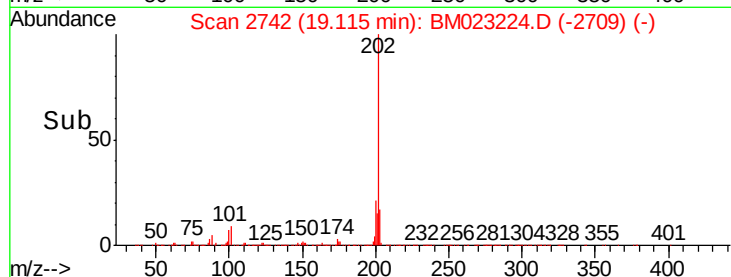
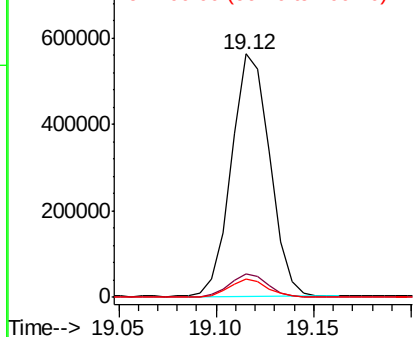
#77
Fluoranthene
Concen: 5.994 ng/ul
RT: 19.12 min Scan# 2742
Delta R.T. -0.01 min
Lab File: BM023224.D
Acq: 17 Oct 2019 17:53

Instrument :
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BEPL5

Tgt Ion:	202	Resp:	764702
Ion	Ratio	Lower	Upper
202	100		
101	9.5	7.8	11.8
100	7.6	6.1	9.1

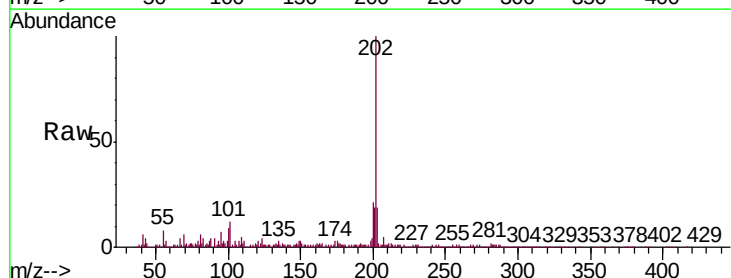


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

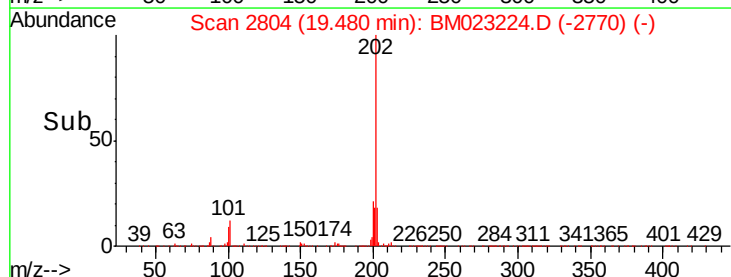
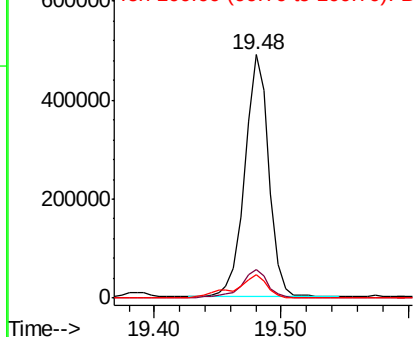


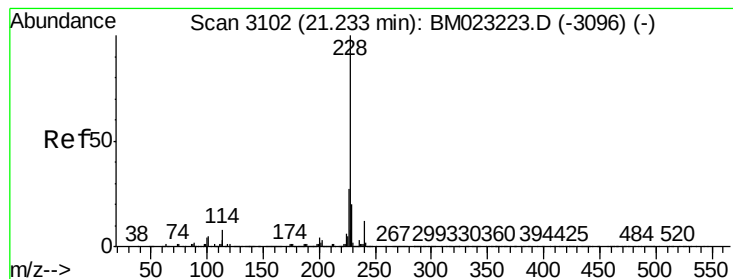
#80
Pyrene
Concen: 5.338 ng/ul
RT: 19.48 min Scan# 2804
Delta R.T. 0.00 min
Lab File: BM023224.D
Acq: 17 Oct 2019 17:53

Tgt Ion:	202	Resp:	641305
Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.1	13.7
100	9.4	7.5	11.3



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





#83

Benzo(a)anthracene

Concen: 2.977 ng/ul

RT: 21.23 min Scan# 3102

Delta R.T. 0.00 min

Lab File: BM023224.D

Acq: 17 Oct 2019 17:53

Instrument :

BNA_M

ClientSampleId :

BEPL5

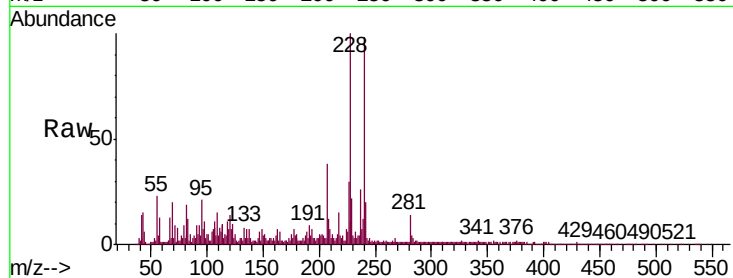
Tgt Ion:228 Resp: 386889

Ion Ratio Lower Upper

228 100

229 22.2 15.7 23.5

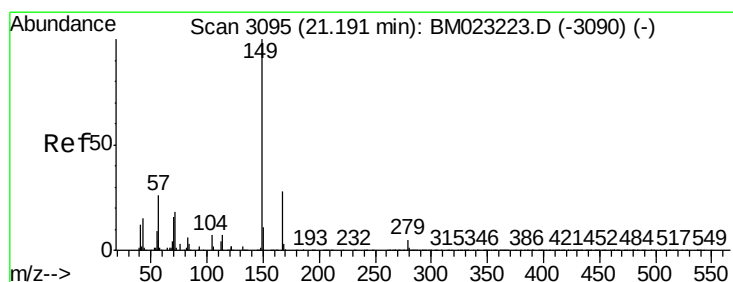
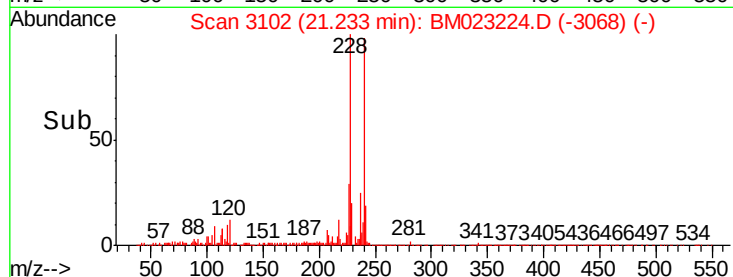
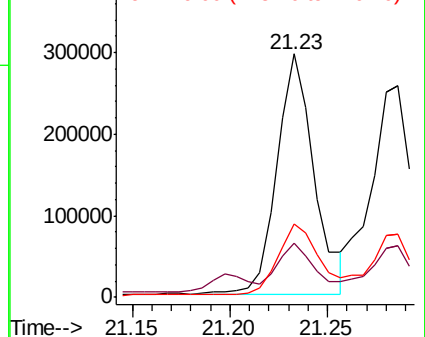
226 29.9 21.6 32.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.307 ng/ul

RT: 21.19 min Scan# 3095

Delta R.T. 0.00 min

Lab File: BM023224.D

Acq: 17 Oct 2019 17:53

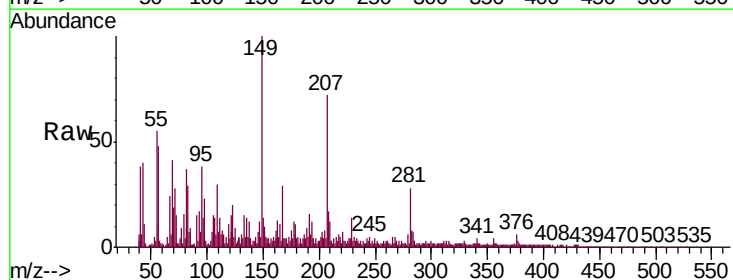
Tgt Ion:149 Resp: 153267

Ion Ratio Lower Upper

149 100

167 28.8 22.5 33.7

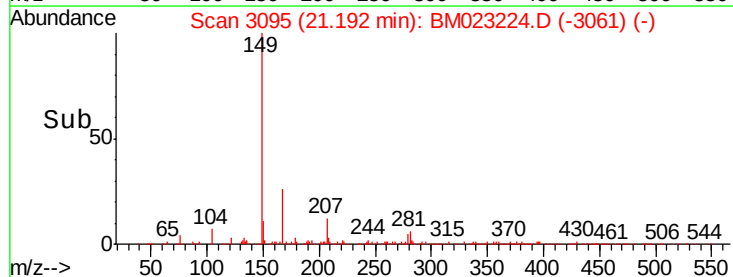
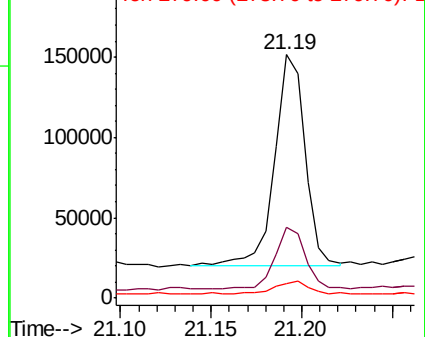
279 6.2 4.0 6.0#

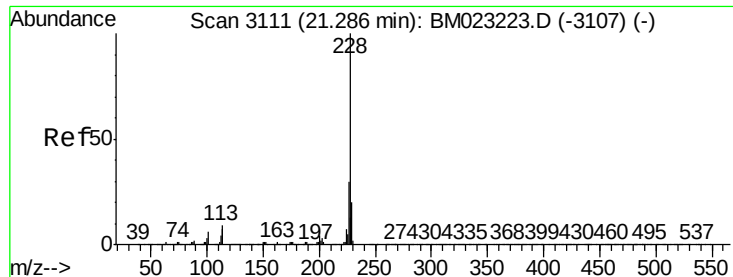


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Chrysene

Concen: 3.266 ng/ul

RT: 21.23 min Scan# 3102

Delta R.T. -0.05 min

Lab File: BM023224.D

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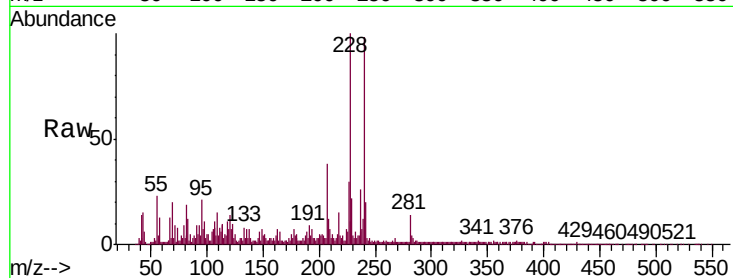
Tgt Ion: 228 Resp: 394051

Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.6

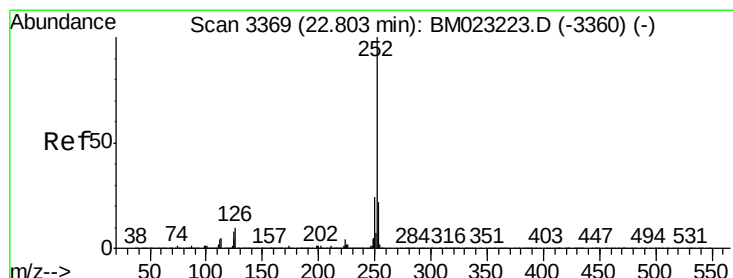
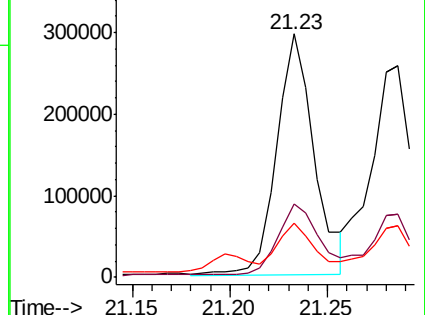
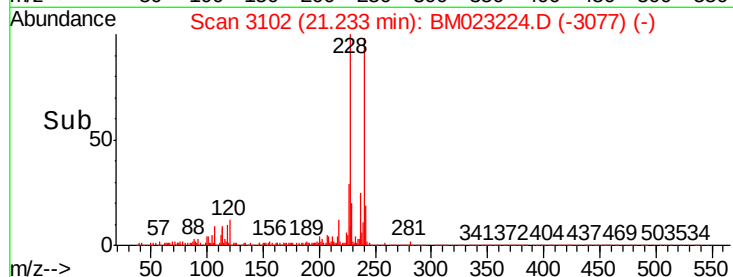
229 22.2 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#88

Benzo(b)fluoranthene

Concen: 4.243 ng/ul

RT: 22.80 min Scan# 3369

Delta R.T. 0.00 min

Lab File: BM023224.D

Acq: 17 Oct 2019 17:53

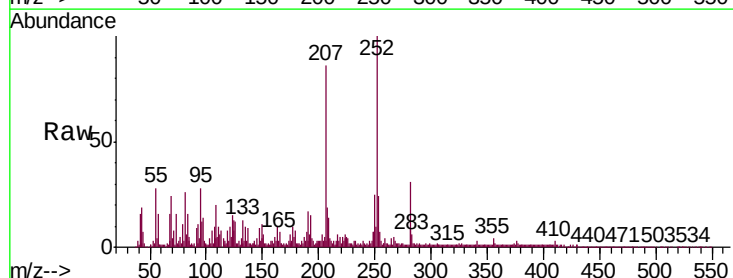
Tgt Ion: 252 Resp: 617194

Ion Ratio Lower Upper

252 100

253 24.4 17.6 26.4

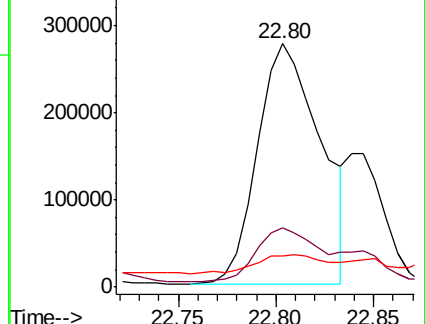
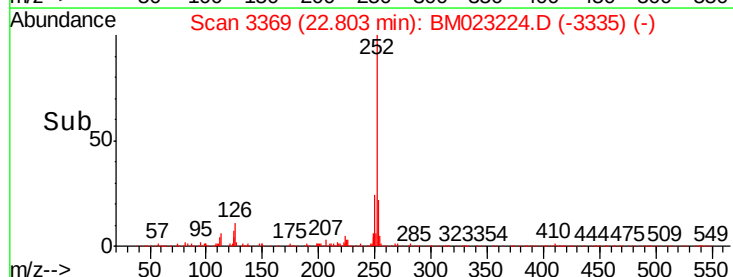
125 12.9 6.4 9.6#

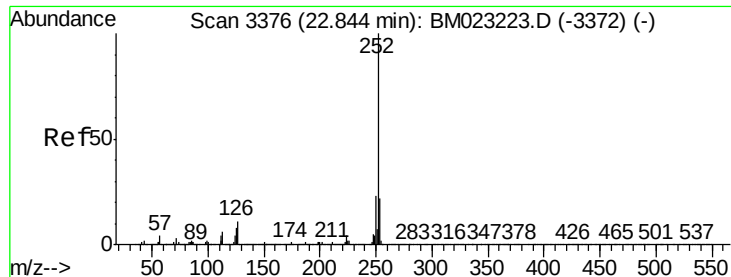


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 4.418 ng/ul

RT: 22.80 min Scan# 3369

Delta R.T. -0.04 min

Lab File: BM023224.D

Acq: 17 Oct 2019 17:53

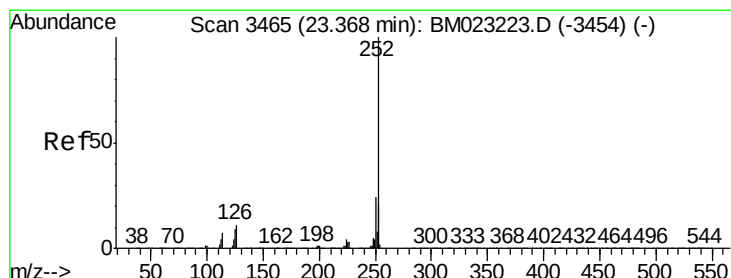
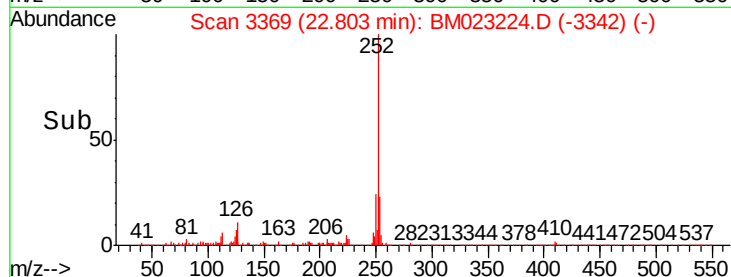
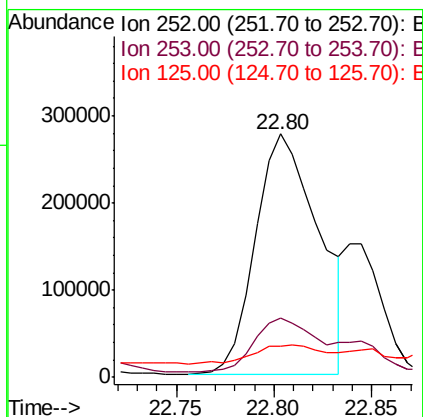
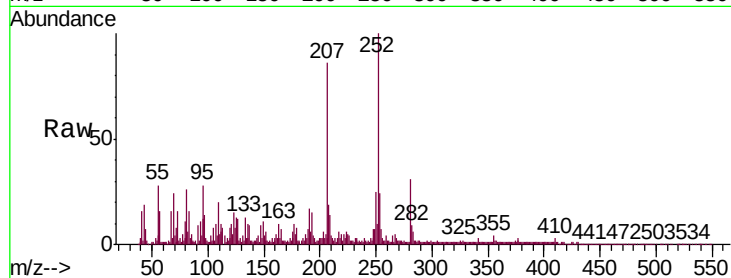
Instrument :

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Tgt Ion:	252	Resp:	617194
Ion Ratio	Lower	Upper	
252	100		
253	24.4	17.4	26.0
125	12.9	6.5	9.7#



#91

Benzo(a)pyrene

Concen: 2.972 ng/ul

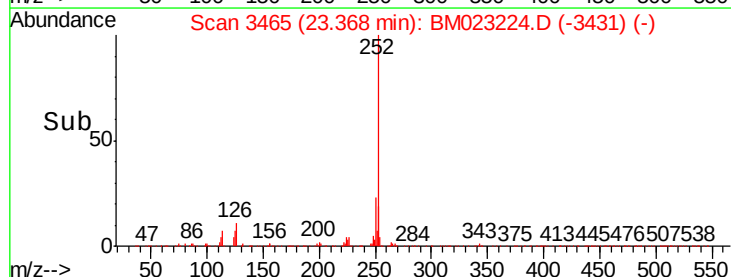
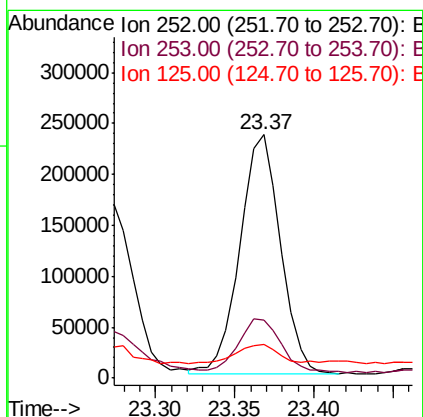
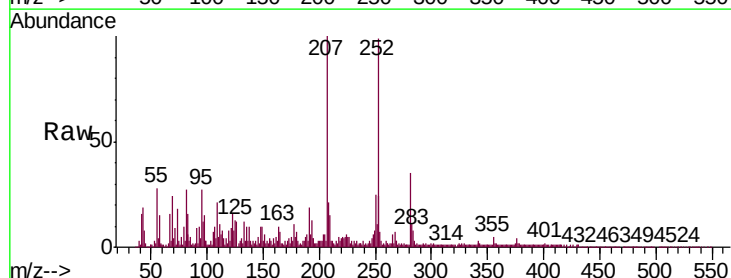
RT: 23.37 min Scan# 3465

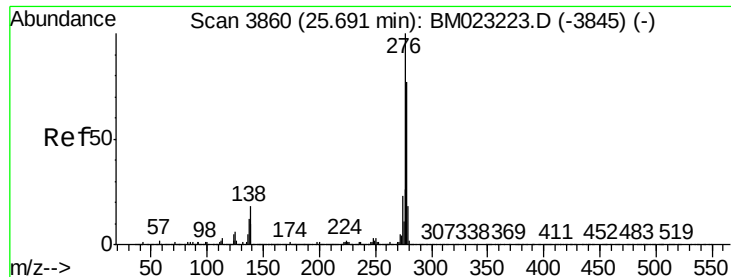
Delta R.T. 0.00 min

Lab File: BM023224.D

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Tgt Ion:	252	Resp:	414744
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.2	25.8
125	13.6	7.4	11.0#





#92

Indeno(1,2,3-cd)pyrene

Concen: 2.218 ng/ul

RT: 25.68 min Scan# 3858

Delta R.T. -0.01 min

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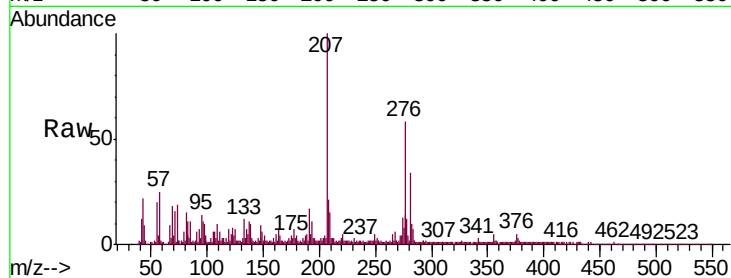
Tgt Ion:276 Resp: 368285

Ion Ratio Lower Upper

276 100

138 17.0 14.9 22.3

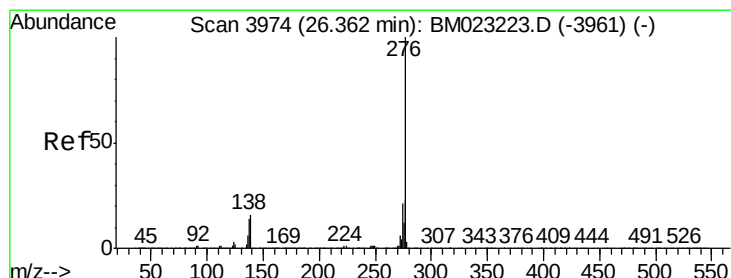
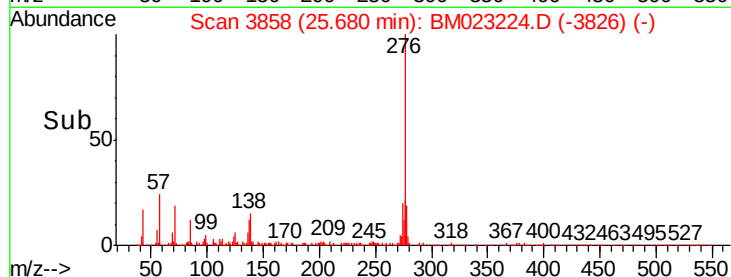
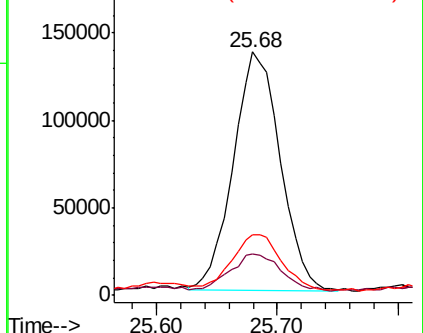
277 24.8 19.8 29.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#94

Benzo(g,h,i)perylene

Concen: 2.728 ng/ul

RT: 26.36 min Scan# 3974

Delta R.T. 0.00 min

Lab File: BM023224.D

Acq: 17 Oct 2019 17:53

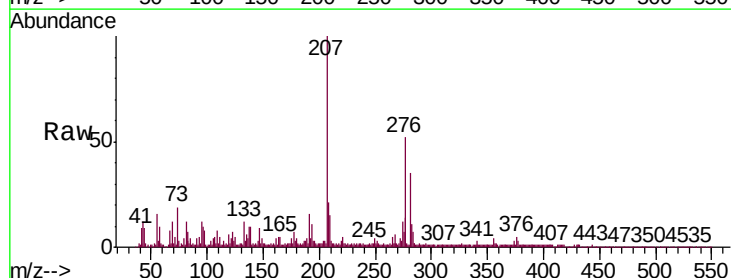
Tgt Ion:276 Resp: 372935

Ion Ratio Lower Upper

276 100

138 18.7 14.4 21.6

277 26.0 19.4 29.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

