

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062319\
 Data File : BM021099.D
 Acq On : 22 Jun 2019 13:52
 Operator : HP/JU
 Sample : K3362-14
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4203

Quant Time: Jun 24 00:51:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 20 03:45:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	231001	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	1025066	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.42	164	675100	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.16	188	1688104	20.00	ng/ul	-0.01
77) Chrysene-d12	21.34	240	1558571	20.00	ng/ul	-0.01
85) Perylene-d12	23.62	264	1467017	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	17638	3.63	ng/uL	0.00
5) Phenol-d5	6.95	99	389720	19.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	243431	20.32	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.31	132	326933	20.01	ng/ul	-0.01
13) 4-Methylphenol-d8	8.48	113	301363	17.96	ng/ul	-0.01
19) Nitrobenzene-d5	8.94	128	177970	21.38	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.66	143	197594	21.39	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.19	165	402215	21.41	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.71	131	366847	18.72	ng/ul	-0.01
43) Dimethylphthalate-d6	13.83	166	1388689	22.77	ng/ul	-0.01
46) Acenaphthylene-d8	14.11	160	1568922	21.01	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.62	143	156071	15.73	ng/ul	-0.01
57) Fluorene-d10	15.41	176	1218865	22.97	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.54	200	150585	14.51	ng/ul	0.00
70) Anthracene-d10	17.26	188	1890433	21.55	ng/ul	-0.01
78) Pyrene-d10	19.56	212	2097158	22.42	ng/ul	-0.01
89) Benzo(a)pyrene-d12	23.47	264	1785628	20.63	ng/ul	-0.01

Target Compounds

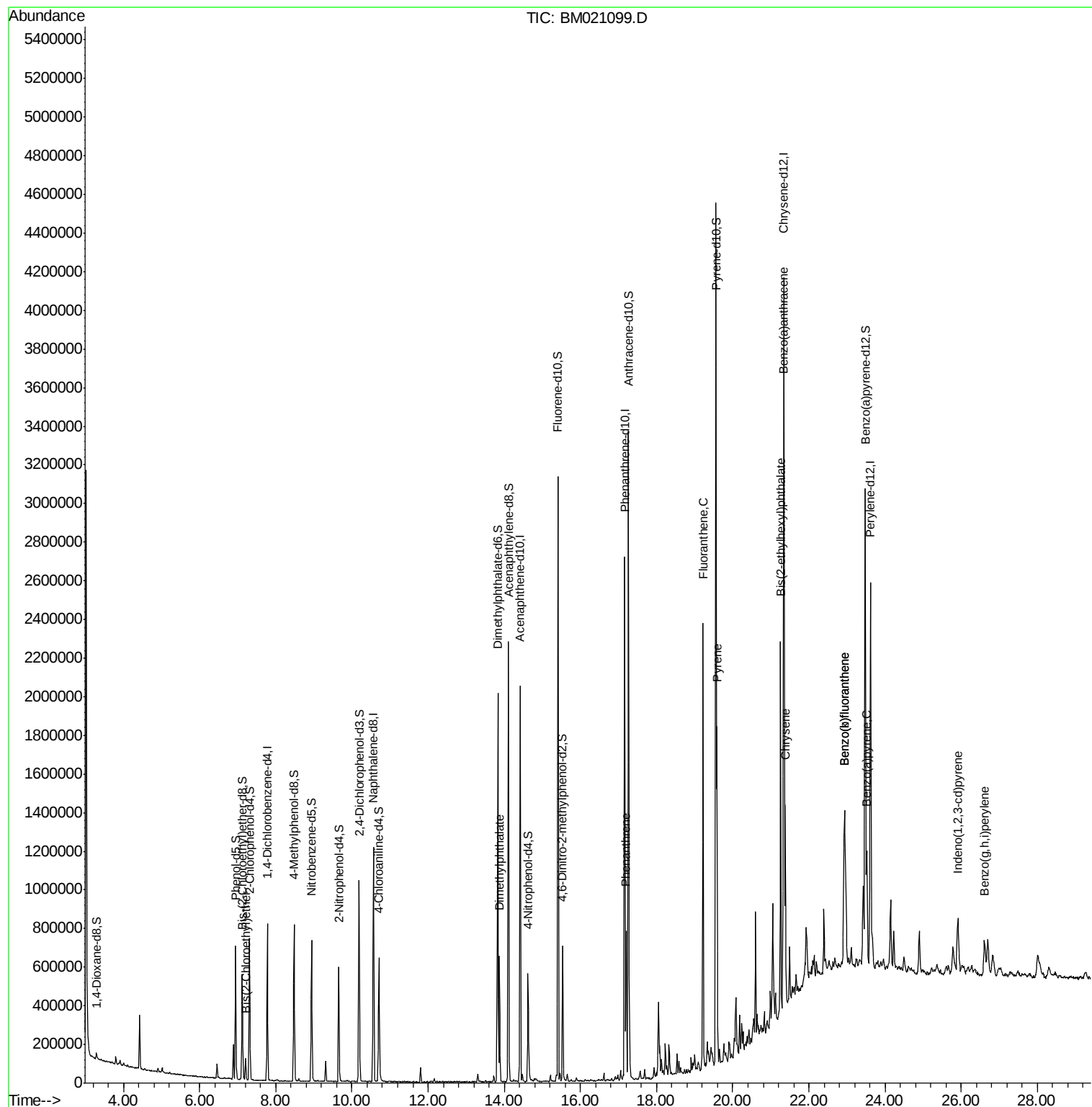
					Qvalue	
8) Bis(2-Chloroethyl)ether	7.21	93	39253	2.704	ng/ul#	26
44) Dimethylphthalate	13.87	163	425274	7.659	ng/ul	98
69) Phenanthrene	17.20	178	446746	4.785	ng/ul	99
76) Fluoranthene	19.22	202	1346092	13.344	ng/ul	99
79) Pyrene	19.59	202	1064671	9.663	ng/ul	100
82) Benzo(a)anthracene	21.33	228	539742	5.080	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.26	149	621358	10.700	ng/ul	100
84) Chrysene	21.38	228	597173	6.001	ng/ul	97
87) Benzo(b)fluoranthene	22.94	252	727028	7.824	ng/ul	98
88) Benzo(k)fluoranthene	22.94	252	727028	8.132	ng/ul	98
90) Benzo(a)pyrene	23.52	252	415836	4.754	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.91	276	288229	2.798	ng/ul	95
93) Benzo(g,h,i)perylene	26.61	276	234649	2.766	ng/ul	98

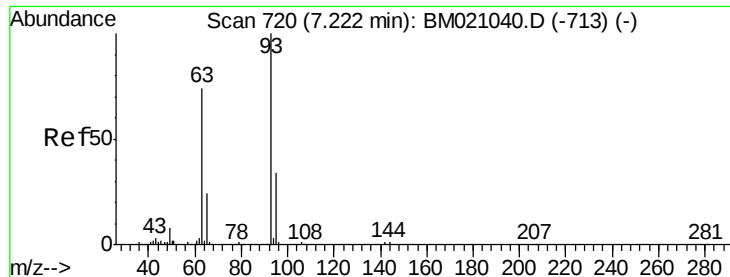
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 20 03:45:02 2019
Response via : Initial Calibration





#8

Bis(2-Chloroethyl)ether

Concen: 2.704 ng/ul

RT: 7.21 min Scan# 718

Delta R.T. -0.01 min

Lab File: BM021099.D

Acq: 22 Jun 2019 13:52

Instrument :

BNA_M

ClientSampleId :

A4203

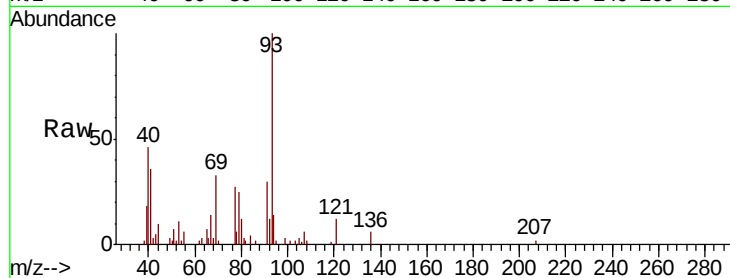
Tgt Ion: 93 Resp: 39253

Ion Ratio Lower Upper

93 100

63 2.6 57.9 86.9#

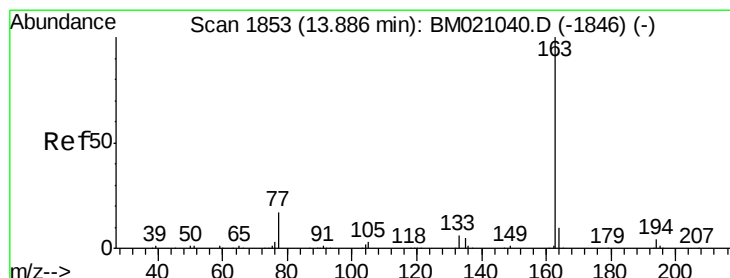
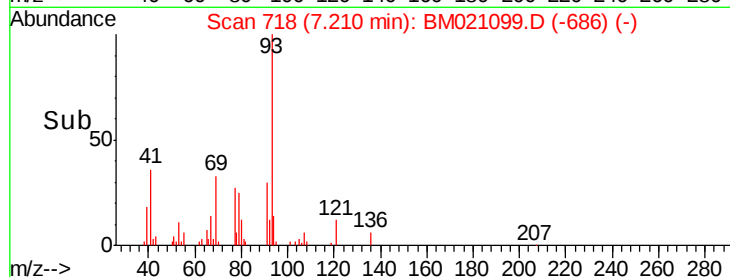
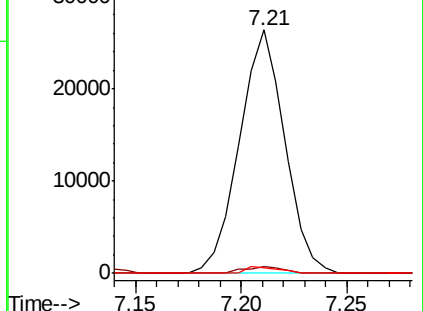
95 2.2 26.2 39.4#



Abundance Ion 93.00 (92.70 to 93.70): BM021040.D (-713) (-)

Ion 63.00 (62.70 to 63.70): BM021040.D (-713) (-)

Ion 95.00 (94.70 to 95.70): BM021040.D (-713) (-)



#44

Dimethylphthalate

Concen: 7.659 ng/ul

RT: 13.87 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BM021099.D

Acq: 22 Jun 2019 13:52

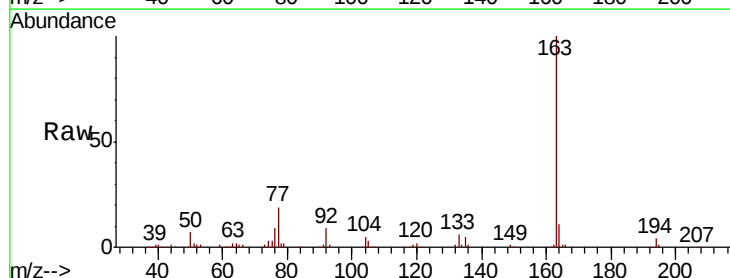
Tgt Ion: 163 Resp: 425274

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

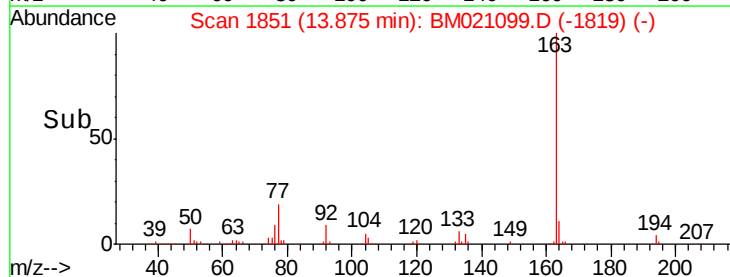
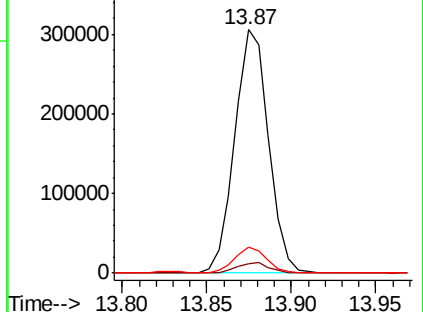
164 10.6 7.7 11.5

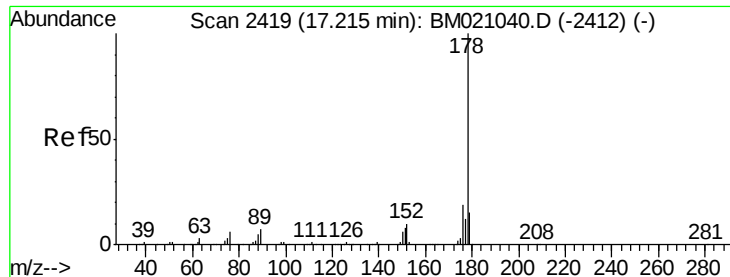


Abundance Ion 163.00 (162.70 to 163.70): BM021040.D (-1846) (-)

Ion 194.00 (193.70 to 194.70): BM021040.D (-1846) (-)

Ion 164.00 (163.70 to 164.70): BM021040.D (-1846) (-)





#69

Phenanthrene

Concen: 4.785 ng/ul

RT: 17.20 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BM021099.D

Acq: 22 Jun 2019 13:52

Instrument :

BNA_M

ClientSampleId :

A4203

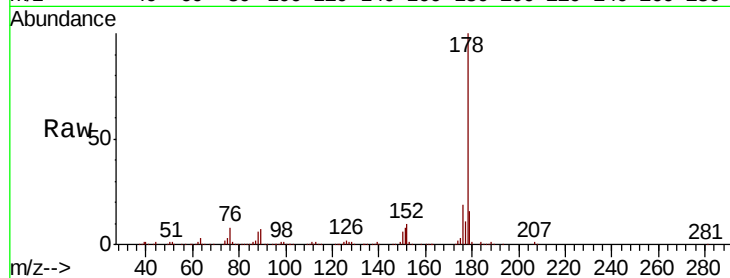
Tgt Ion:178 Resp: 446746

Ion Ratio Lower Upper

178 100

179 15.6 11.8 17.8

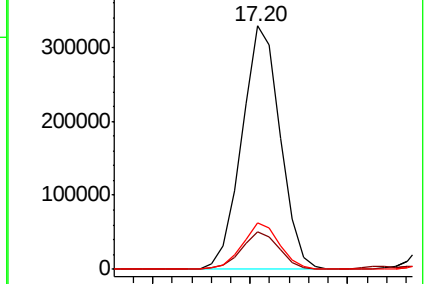
176 19.1 15.0 22.6



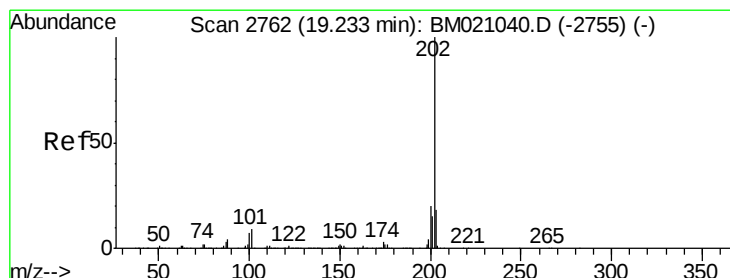
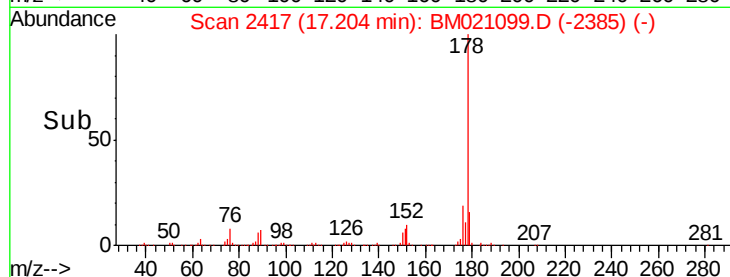
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#76

Fluoranthene

Concen: 13.344 ng/ul

RT: 19.22 min Scan# 2760

Delta R.T. -0.01 min

Lab File: BM021099.D

Acq: 22 Jun 2019 13:52

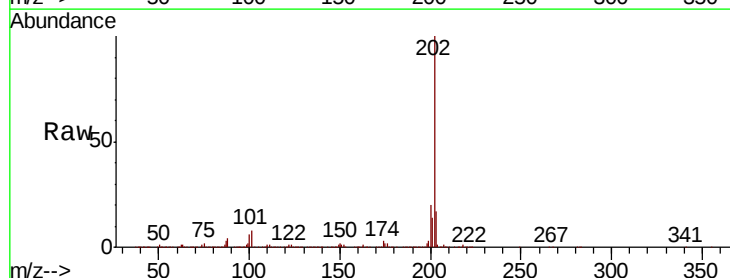
Tgt Ion:202 Resp: 1346092

Ion Ratio Lower Upper

202 100

101 8.3 6.7 10.1

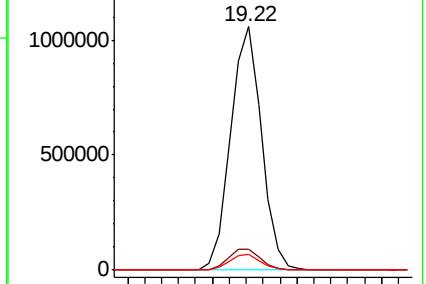
100 6.5 5.5 8.3



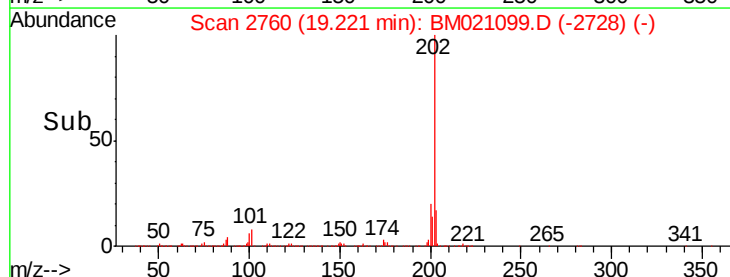
Abundance Ion 202.00 (201.70 to 202.70): E

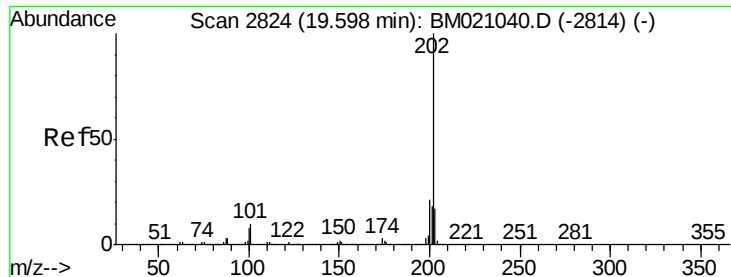
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



Time-->

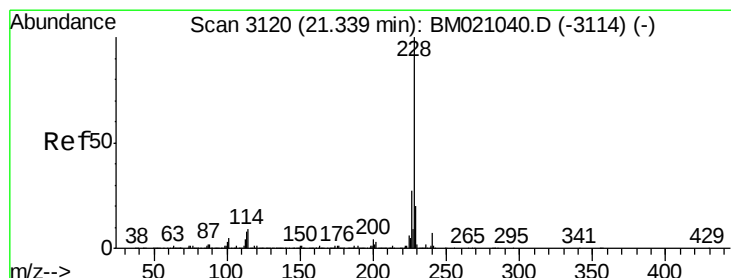
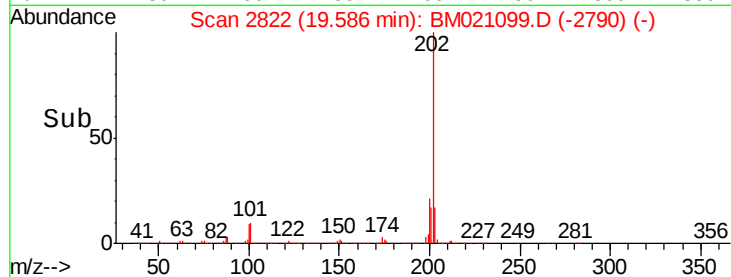
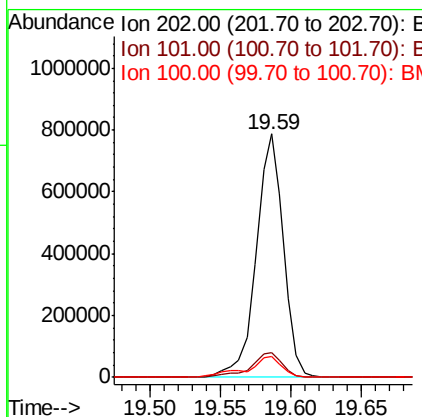
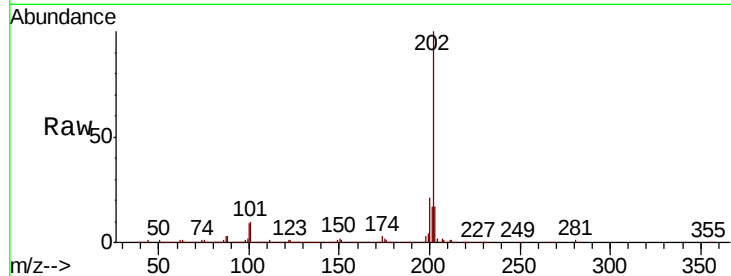




#79
 Pyrene
 Concen: 9.663 ng/ul
 RT: 19.59 min Scan# 2822
 Delta R.T. -0.01 min
 Lab File: BM021099.D
 Acq: 22 Jun 2019 13:52

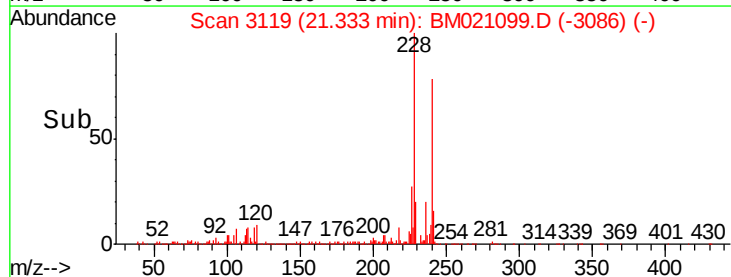
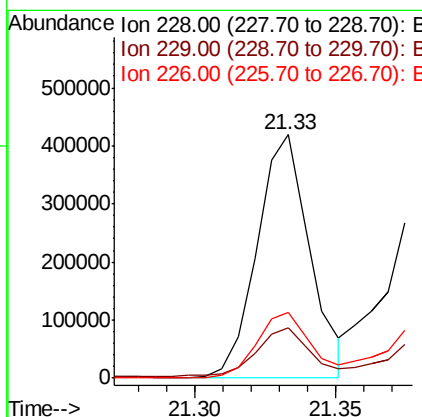
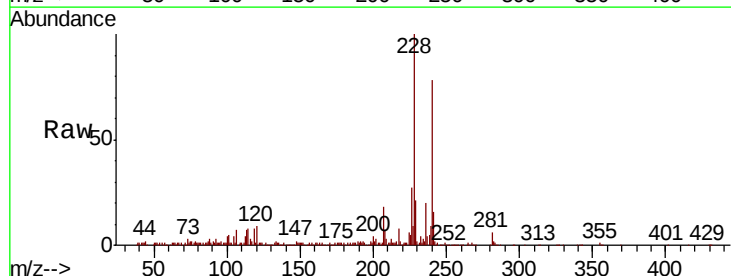
Instrument :
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 A4203

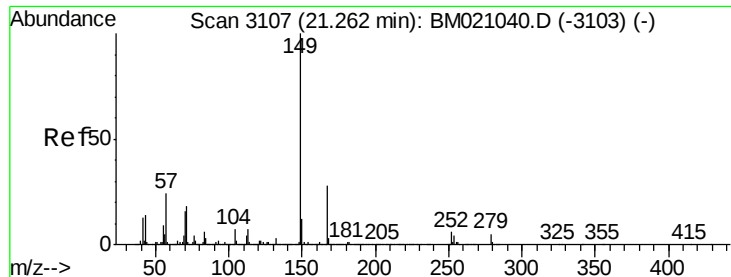
Tgt Ion:202 Resp: 1064671
 Ion Ratio Lower Upper
 202 100
 101 10.1 8.1 12.1
 100 8.5 6.6 10.0



#82
 Benzo(a)anthracene
 Concen: 5.080 ng/ul
 RT: 21.33 min Scan# 3119
 Delta R.T. -0.01 min
 Lab File: BM021099.D
 Acq: 22 Jun 2019 13:52

Tgt Ion:228 Resp: 539742
 Ion Ratio Lower Upper
 228 100
 229 20.6 15.8 23.8
 226 27.2 21.4 32.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 10.700 ng/ul

RT: 21.26 min Scan# 3106

Delta R.T. -0.01 min

Lab File: BM021099.D

Acq: 22 Jun 2019 13:52

Instrument :

BNA_M

ClientSampleId :

A4203

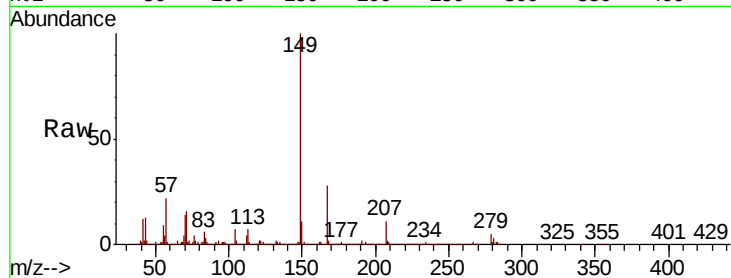
Tgt Ion:149 Resp: 621358

Ion Ratio Lower Upper

149 100

167 28.0 22.3 33.5

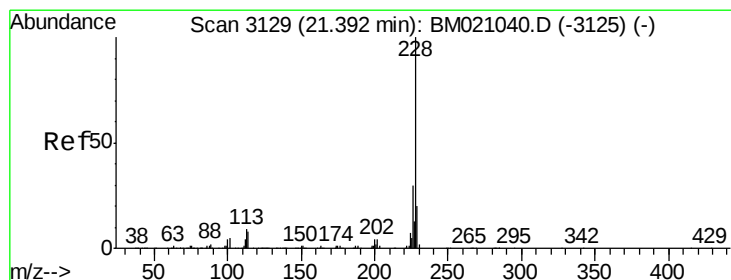
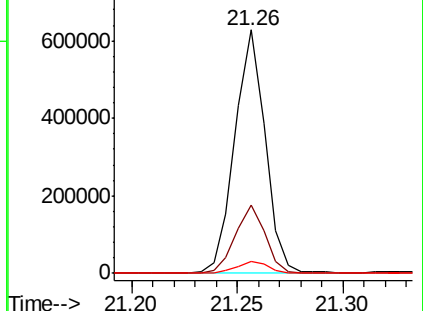
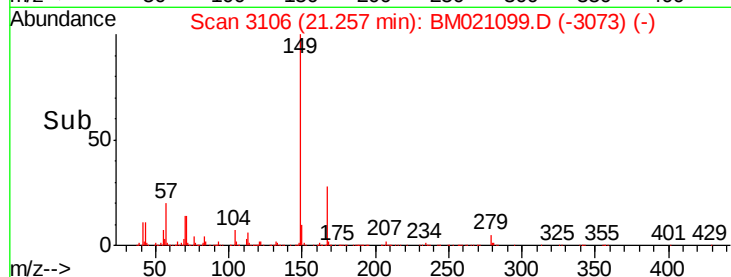
279 5.1 3.8 5.6



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



#84

Chrysene

Concen: 6.001 ng/ul

RT: 21.38 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BM021099.D

Acq: 22 Jun 2019 13:52

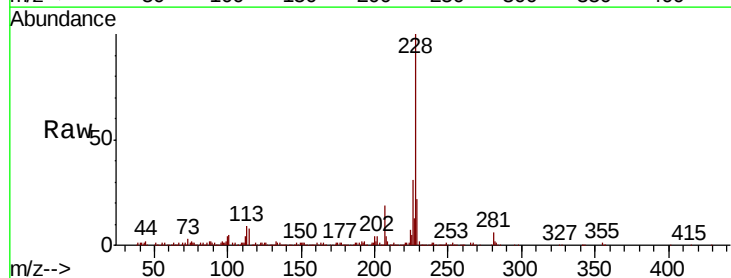
Tgt Ion:228 Resp: 597173

Ion Ratio Lower Upper

228 100

226 30.6 23.9 35.9

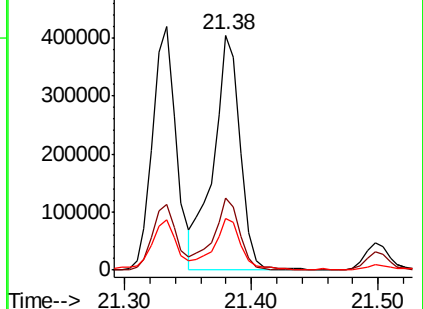
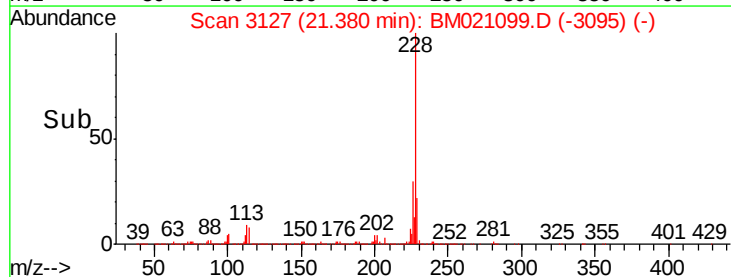
229 21.7 15.4 23.2

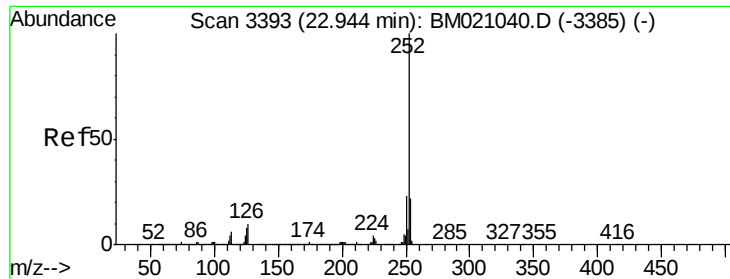


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 7.824 ng/ul

RT: 22.94 min Scan# 3392

Delta R.T. -0.01 min

Lab File: BM021099.D

Acq: 22 Jun 2019 13:52

Instrument :

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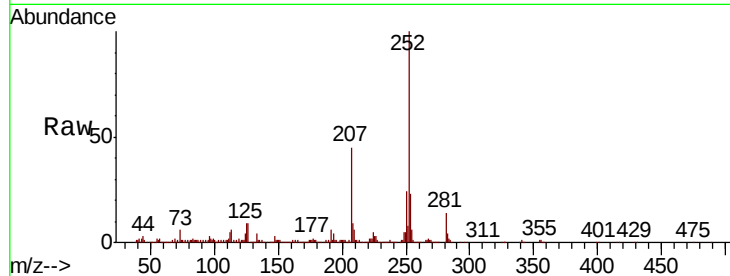
Tgt Ion:252 Resp: 727028

Ion Ratio Lower Upper

252 100

253 22.7 17.5 26.3

125 8.7 6.3 9.5

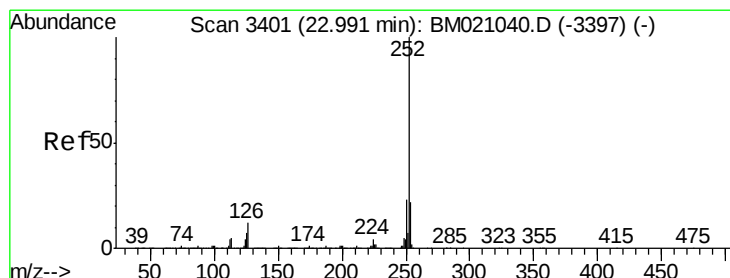
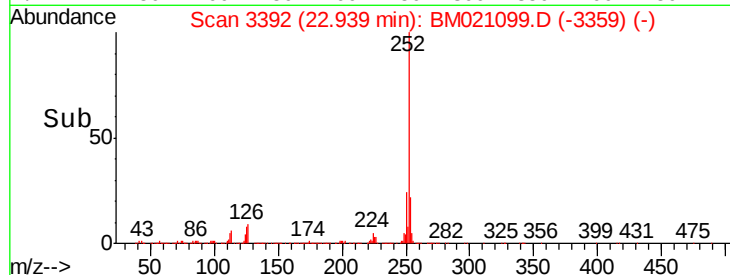
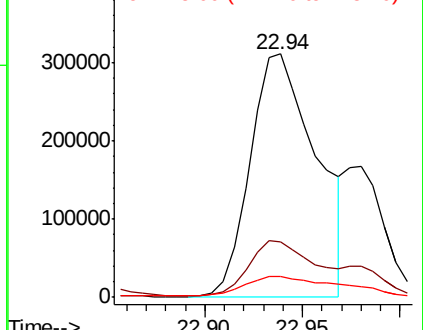


Abundance

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



#88

Benzo(k)fluoranthene

Concen: 8.132 ng/ul

RT: 22.94 min Scan# 3392

Delta R.T. -0.05 min

Lab File: BM021099.D

Acq: 22 Jun 2019 13:52

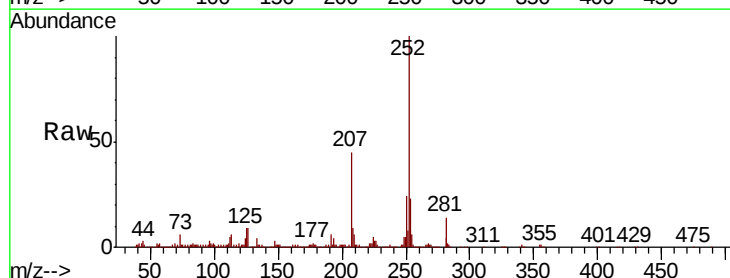
Tgt Ion:252 Resp: 727028

Ion Ratio Lower Upper

252 100

253 22.7 17.5 26.3

125 8.7 6.6 9.8

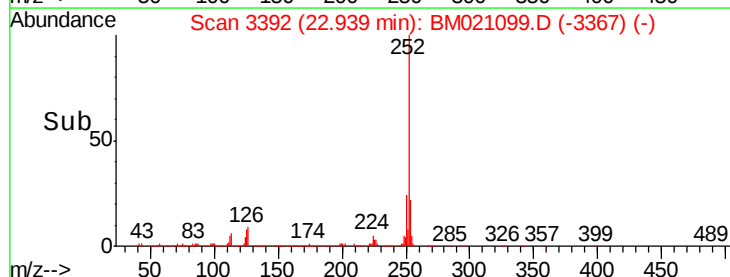
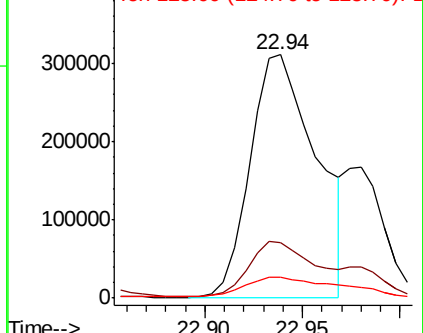


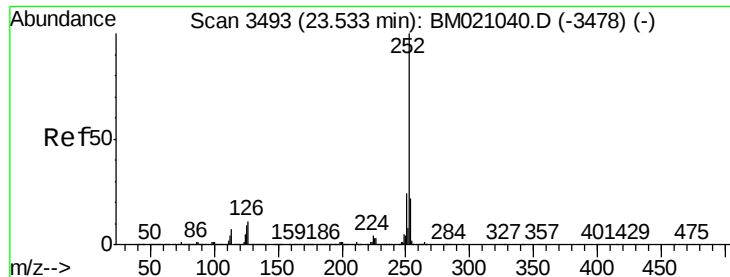
Abundance

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





#90

Benzo(a)pyrene

Concen: 4.754 ng/ul

RT: 23.52 min Scan# 3491

Delta R.T. -0.01 min

Lab File: BM021099.D

Acq: 22 Jun 2019 13:52

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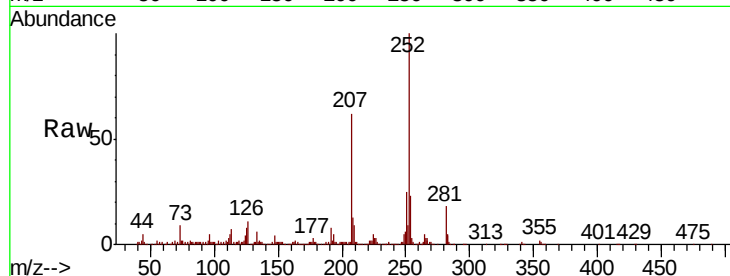
Tgt Ion:252 Resp: 415836

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

125 8.3 7.2 10.8

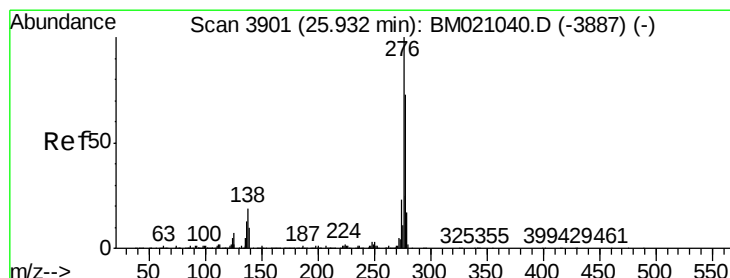
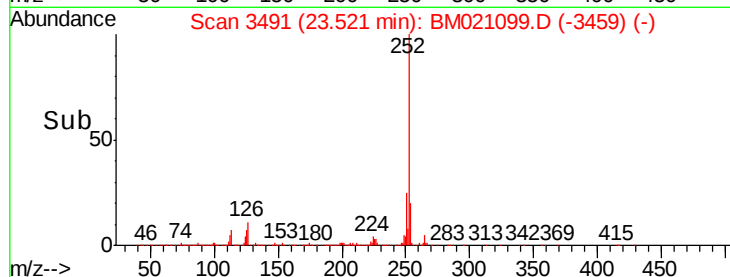
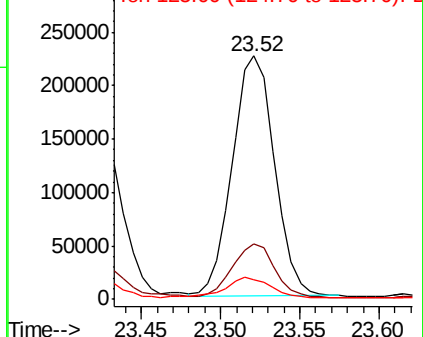


Abundance

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



#91

Indeno(1,2,3-cd)pyrene

Concen: 2.798 ng/ul

RT: 25.91 min Scan# 3897

Delta R.T. -0.02 min

Lab File: BM021099.D

Acq: 22 Jun 2019 13:52

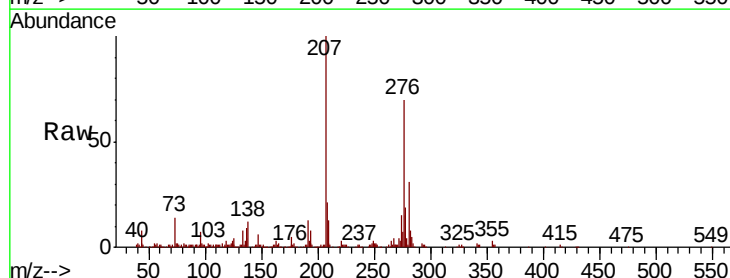
Tgt Ion:276 Resp: 288229

Ion Ratio Lower Upper

276 100

138 17.0 15.9 23.9

277 27.3 20.4 30.6

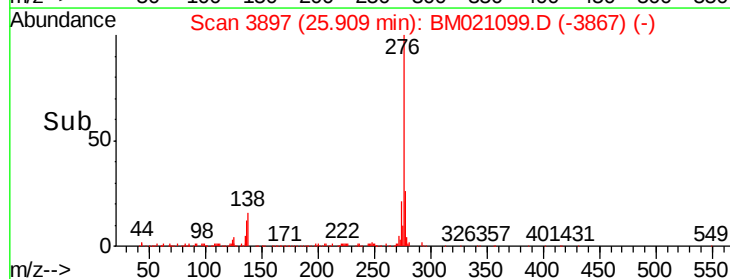
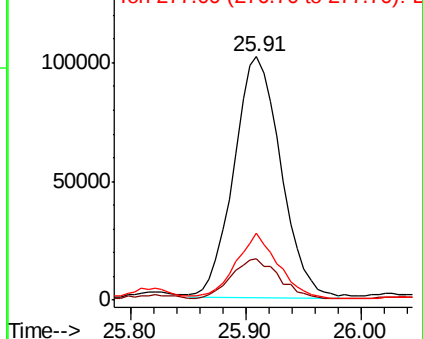


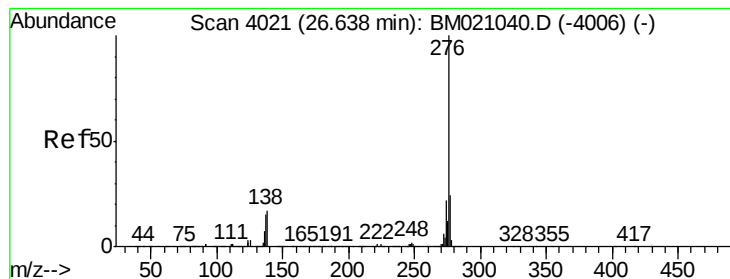
Abundance

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





#93

Benzo(g,h,i)perylene

Concen: 2.766 ng/ul

RT: 26.61 min Scan# 4016

Delta R.T. -0.03 min

Lab File: BM021099.D

Acq: 22 Jun 2019 13:52

Instrument :

BNA_M

ClientSampleId :

A4203

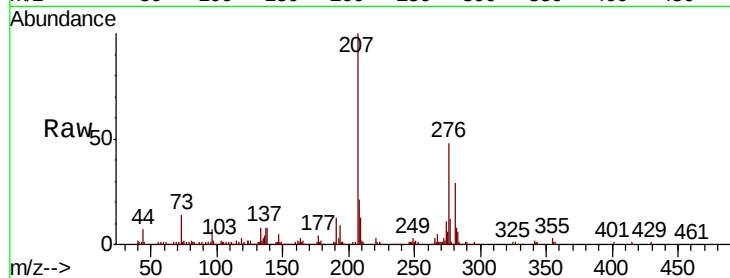
Tgt Ion: 276 Resp: 234649

Ion Ratio Lower Upper

276 100

138 17.1 14.6 21.8

277 24.1 18.9 28.3



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

