

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112216\
 Data File : BG024891.D
 Acq On : 22 Nov 2016 16:37
 Operator : UM/SJ
 Sample : H5695-17
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHSZ5

Quant Time: Nov 22 23:54:13 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 22 23:51:40 2016
 Response via : Initial Calibration

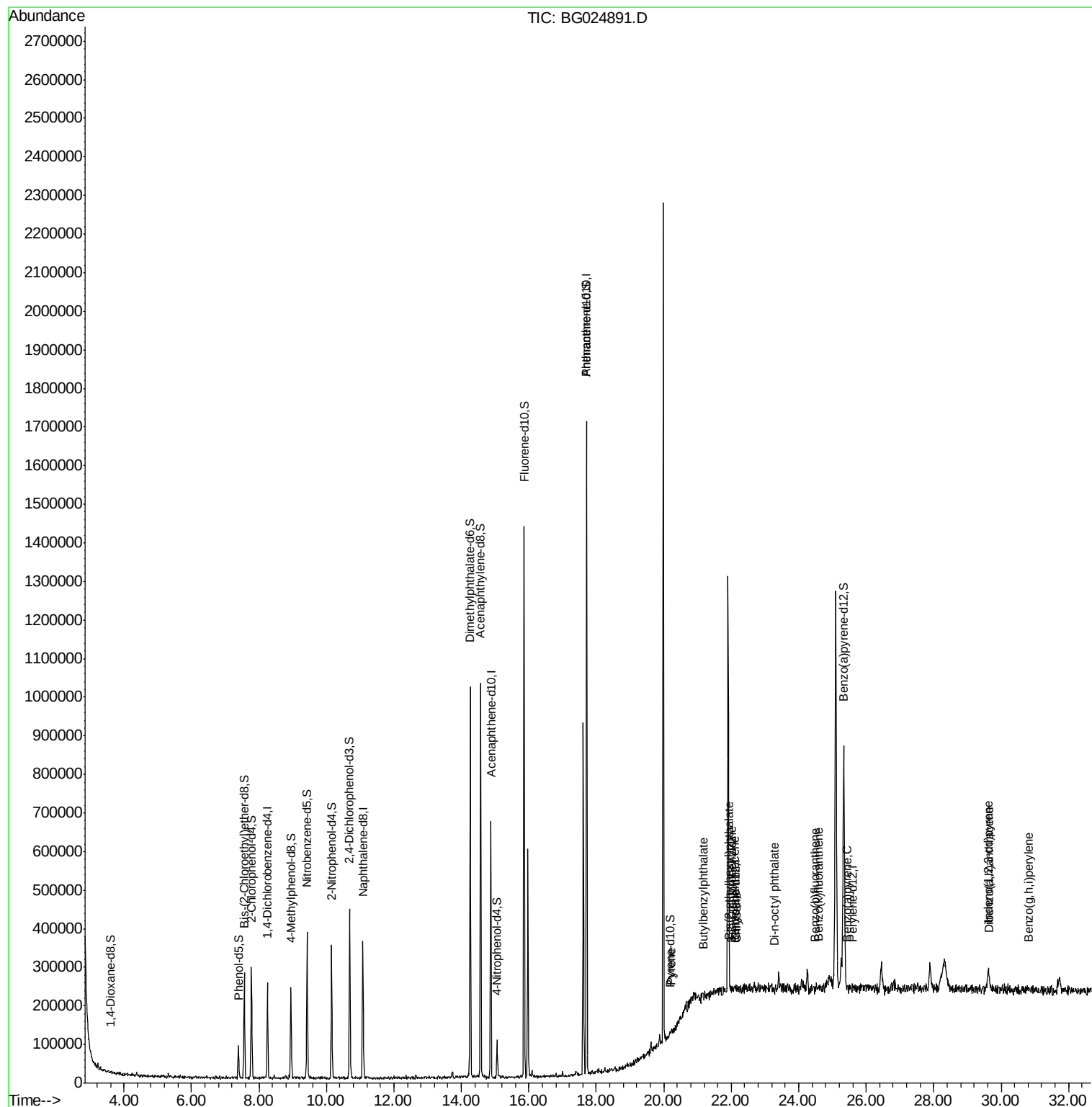
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	67067	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	288234	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	245862	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	1008531	20.00	ng/ul	0.09
75) Chrysene-d12	22.13	240	1722	20.00	ng/ul	0.21
83) Perylene-d12	25.61	264	577	20.00	ng/ul	0.25
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	1940	1.50	ng/uL	0.00
5) Phenol-d5	7.39	99	44139	7.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	132432	36.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	118203	28.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	87864	18.21	ng/ul	0.00
19) Nitrobenzene-d5	9.43	128	76188	34.91	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	92831	35.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	167033	32.21	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	1448	0.25	ng/ul	0.00
43) Dimethylphthalate-d6	14.26	166	679651	37.91	ng/ul	0.00
46) Acenaphthylene-d8	14.57	160	738770	37.82	ng/ul	-0.01
51) 4-Nitrophenol-d4	15.06	143	24736	7.75	ng/ul	0.00
57) Fluorene-d10	15.86	176	613618	36.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.09	200	264	0.04	ng/ul	0.11
70) Anthracene-d10	17.71	188	1007716	22.62	ng/ul	-0.01
76) Pyrene-d10	20.19	212	1322	17.71	ng/ul	0.20
87) Benzo(a)pyrene-d12	25.33	264	776928	30759.09	ng/ul	0.22
Target Compounds						
77) Pyrene	20.22	202	411	4.86	ng/ul#	76
78) Butylbenzylphthalate	21.17	149	669	19.31	ng/ul	94
79) 3,3'-Dichlorobenzidine	22.02	252	625	18.87	ng/ul#	69
80) Benzo(a)anthracene	22.09	228	1023	10.92	ng/ul#	52
81) Bis(2-ethylhexyl)phthalate	21.95	149	724	15.28	ng/ul#	77
82) Chrysene	22.17	228	689	7.84	ng/ul#	46
84) Di-n-octyl phthalate	23.26	149	434	17.77	ng/ul	100
85) Benzo(b)fluoranthene	24.49	252	1305	42.93	ng/ul#	64
86) Benzo(k)fluoranthene	24.58	252	1414	48.97	ng/ul#	34
88) Benzo(a)pyrene	25.43	252	389	13.22	ng/ul#	1
89) Indeno(1,2,3-cd)pyrene	29.62	276	550	14.95	ng/ul#	1
90) Dibenzo(a,h)anthracene	29.65	278	957	31.22	ng/ul#	1
91) Benzo(g,h,i)perylene	30.83	276	1147	37.86	ng/ul#	58

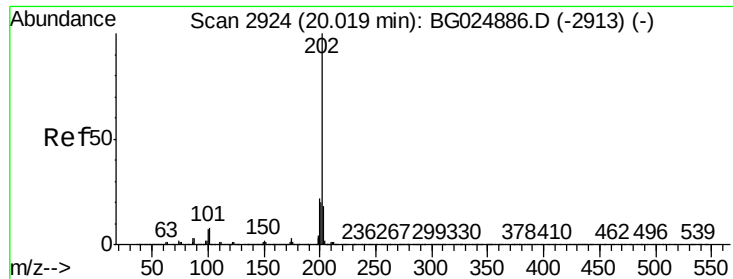
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 22 23:51:40 2016
Response via : Initial Calibration





#77

Pyrene

Concen: 4.86 ng/ul

RT: 20.22 min Scan# 2958

Delta R.T. 0.20 min

Lab File: BG024891.D

Acq: 22 Nov 2016 16:37

Instrument :

BNA_G

ClientSampleId :

JHSZ5

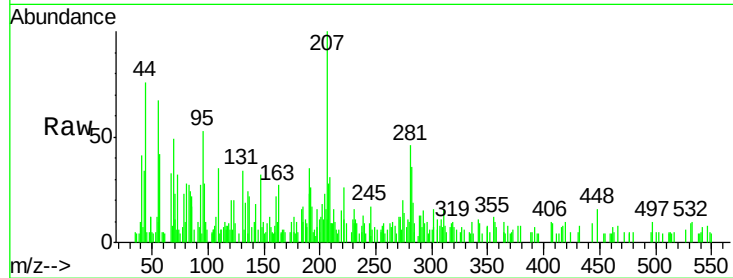
Tgt Ion: 202 Resp: 411

Ion Ratio Lower Upper

202 100

101 0.0 6.9 10.3#

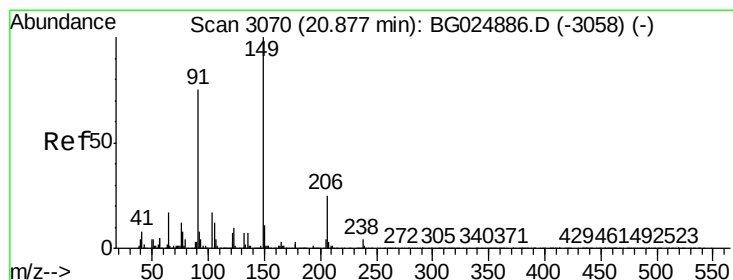
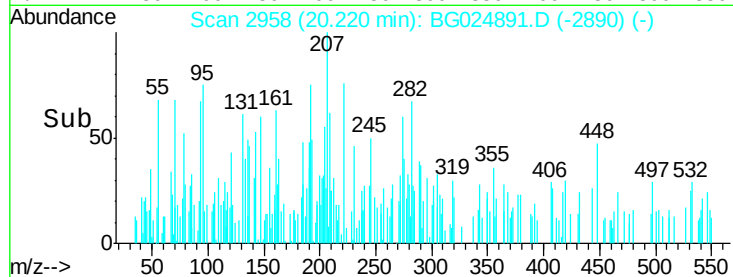
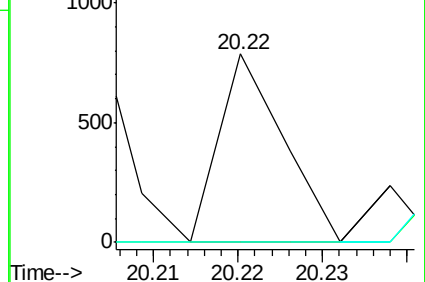
100 0.0 6.6 10.0#



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



#78

Butylbenzylphthalate

Concen: 19.31 ng/ul

RT: 21.17 min Scan# 3119

Delta R.T. 0.29 min

Lab File: BG024891.D

Acq: 22 Nov 2016 16:37

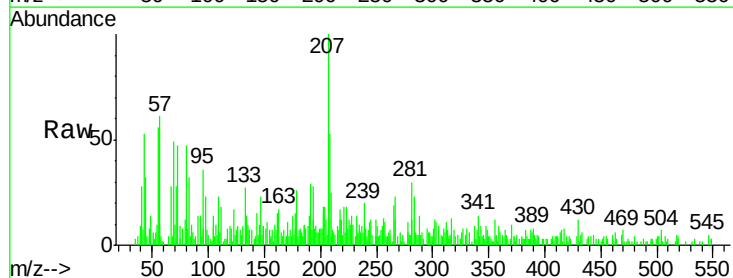
Tgt Ion: 149 Resp: 669

Ion Ratio Lower Upper

149 100

91 76.3 65.8 98.6

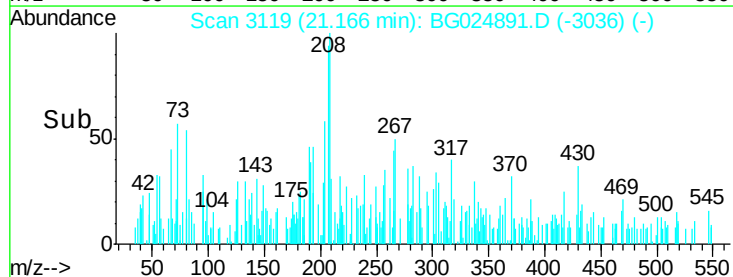
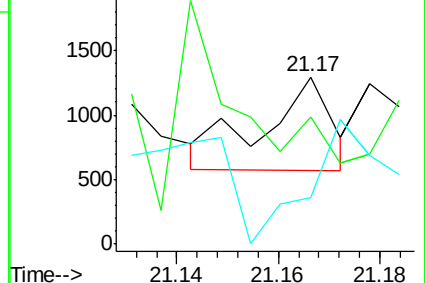
206 28.0 20.1 30.1

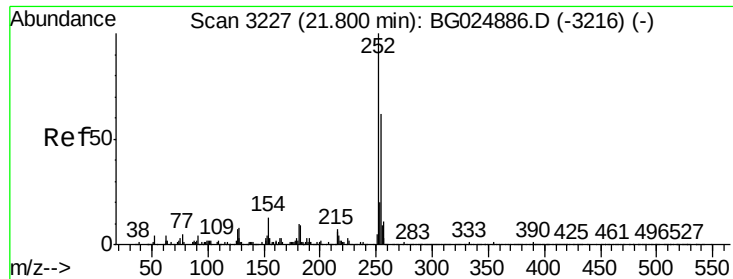


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E





#79

3,3'-Dichlorobenzidine

Concen: 18.87 ng/ul

RT: 22.02 min Scan# 3264

Delta R.T. 0.22 min

Lab File: BG024891.D

Acq: 22 Nov 2016 16:37

Instrument :

BNA_G

ClientSampleId :

JHSZ5

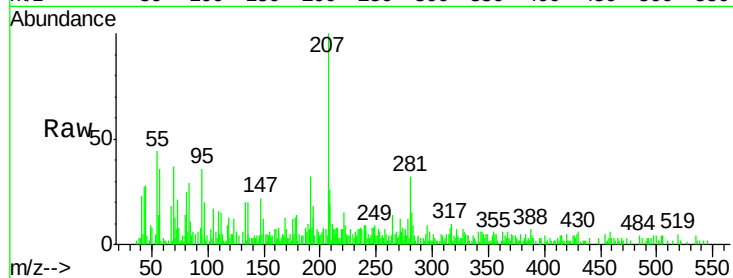
Tgt Ion:252 Resp: 625

Ion Ratio Lower Upper

252 100

254 36.4 49.0 73.6#

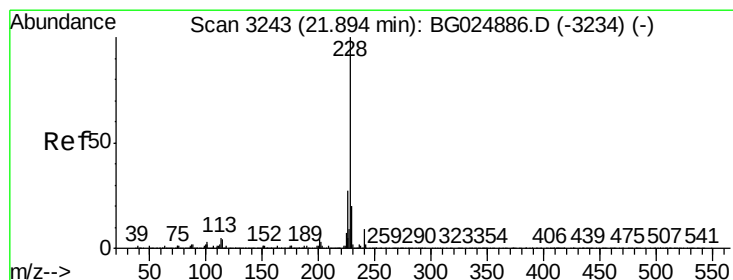
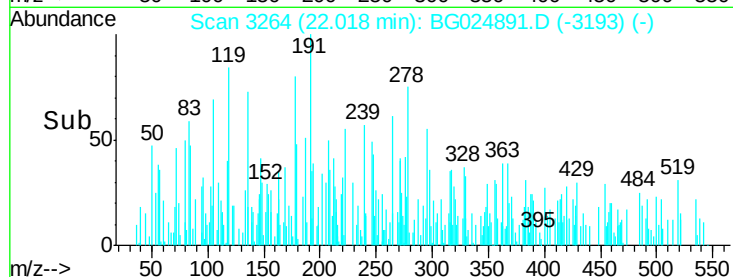
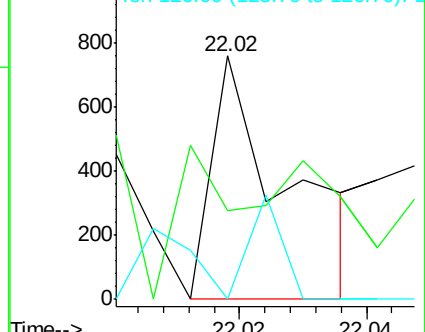
126 0.0 5.1 7.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#80

Benzo(a)anthracene

Concen: 10.92 ng/ul

RT: 22.09 min Scan# 3277

Delta R.T. 0.20 min

Lab File: BG024891.D

Acq: 22 Nov 2016 16:37

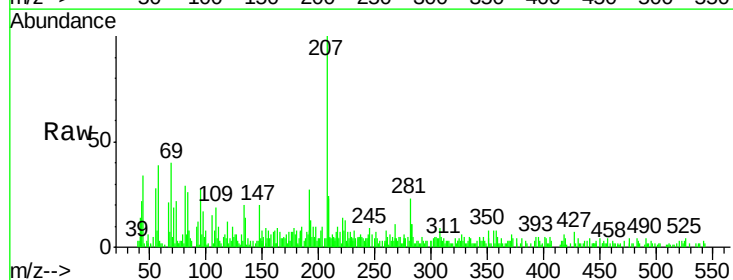
Tgt Ion:228 Resp: 1023

Ion Ratio Lower Upper

228 100

229 72.1 16.3 24.5#

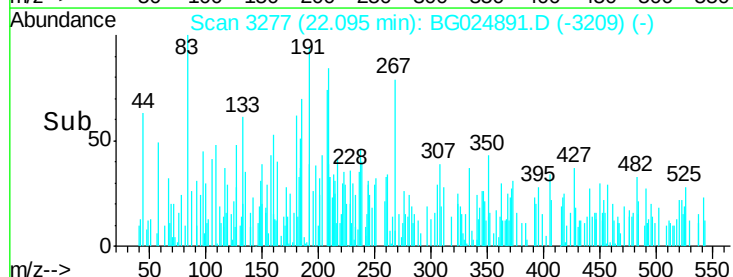
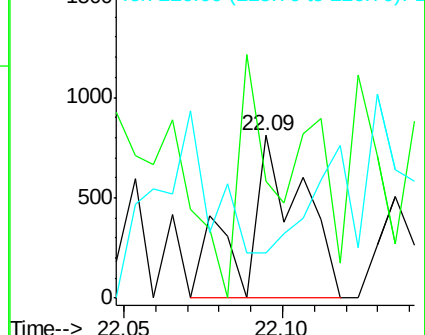
226 27.6 21.9 32.9

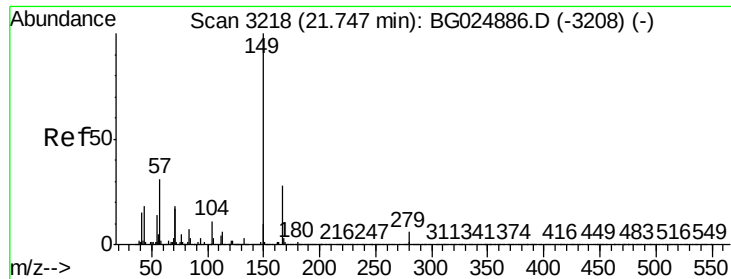


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

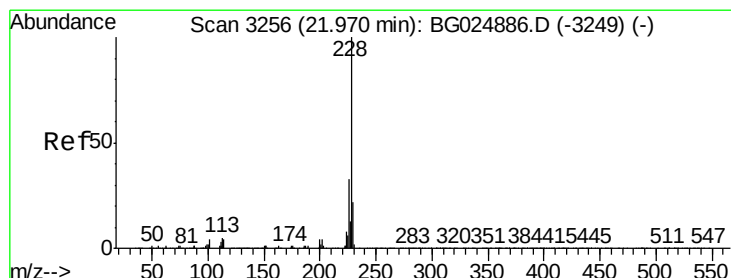
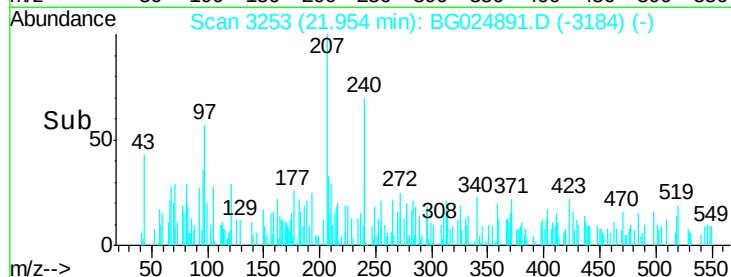
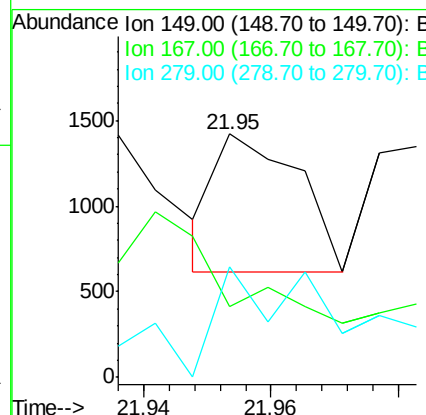
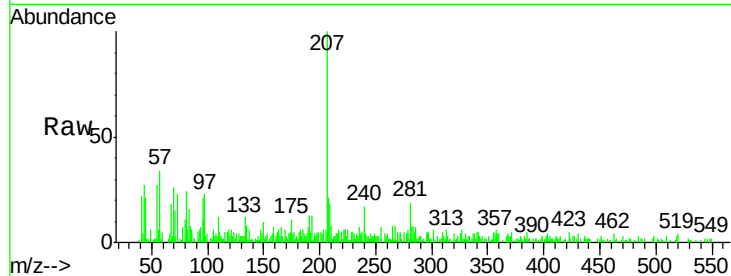




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 15.28 ng/ul
 RT: 21.95 min Scan# 3253
 Delta R.T. 0.21 min
 Lab File: BG024891.D
 Acq: 22 Nov 2016 16:37

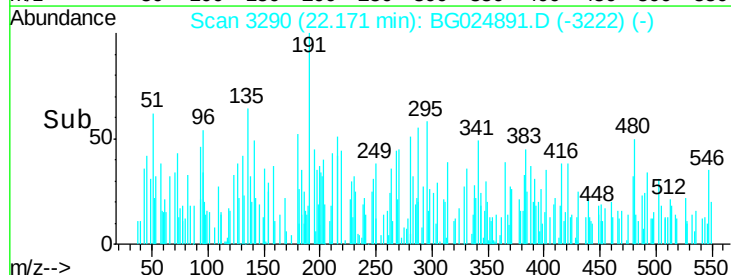
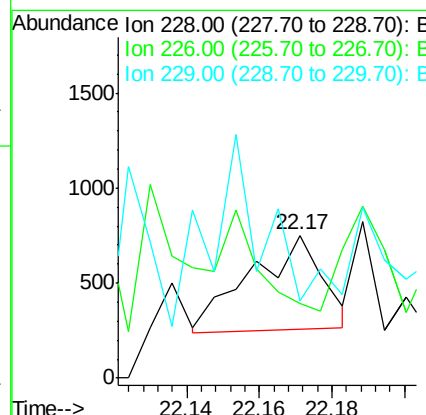
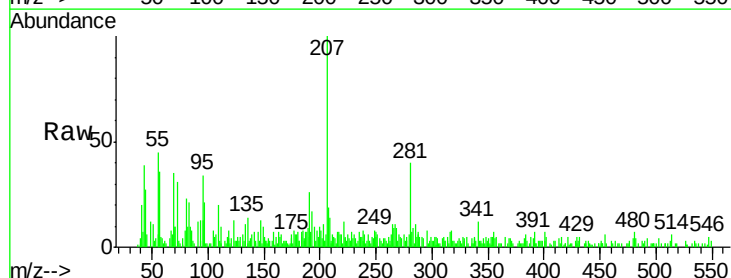
Instrument :
 BNA_G
 ClientSampleId :
 JHSZ5

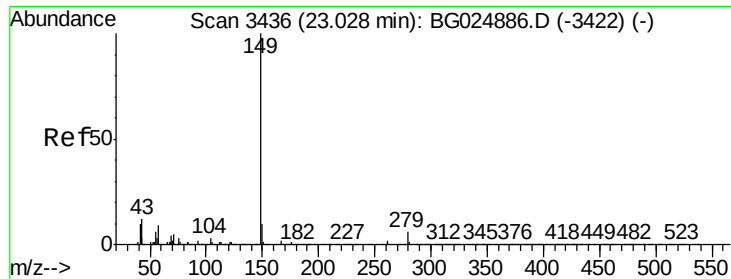
Tgt Ion:149 Resp: 724
 Ion Ratio Lower Upper
 149 100
 167 28.9 21.8 32.8
 279 45.4 4.5 6.7#



#82
 Chrysene
 Concen: 7.84 ng/ul
 RT: 22.17 min Scan# 3290
 Delta R.T. 0.20 min
 Lab File: BG024891.D
 Acq: 22 Nov 2016 16:37

Tgt Ion:228 Resp: 689
 Ion Ratio Lower Upper
 228 100
 226 52.5 24.0 36.0#
 229 54.5 16.9 25.3#





#84

Di-n-octyl phthalate

Concen: 17.77 ng/ul

RT: 23.26 min Scan# 3475

Delta R.T. 0.23 min

Lab File: BG024891.D

Acq: 22 Nov 2016 16:37

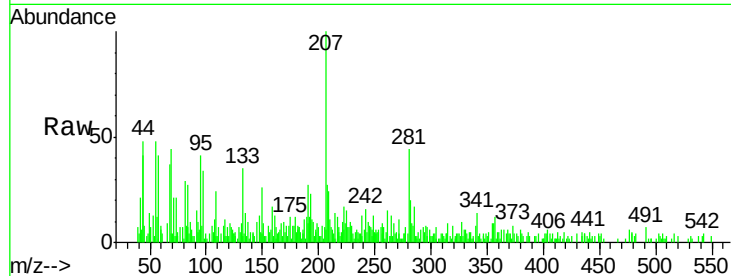
Instrument :

BNA_G

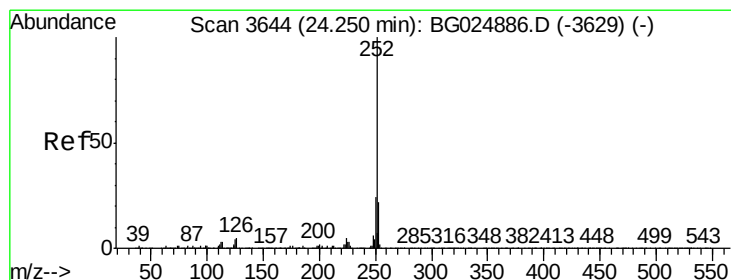
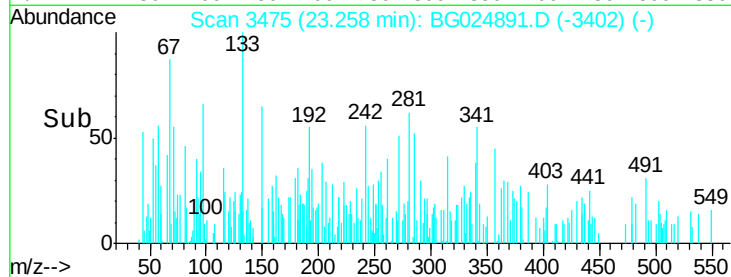
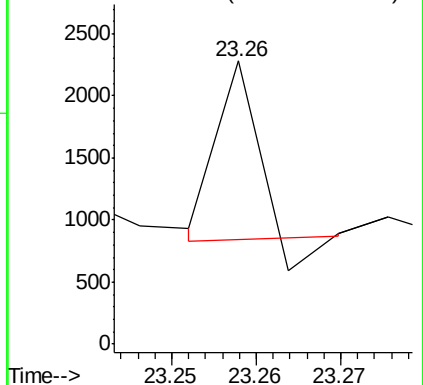
ClientSampleId :

JHSZ5

Tgt Ion:149 Resp: 434



Abundance Ion 149.00 (148.70 to 149.70): E



#85

Benzo(b)fluoranthene

Concen: 42.93 ng/ul

RT: 24.49 min Scan# 3684

Delta R.T. 0.24 min

Lab File: BG024891.D

Acq: 22 Nov 2016 16:37

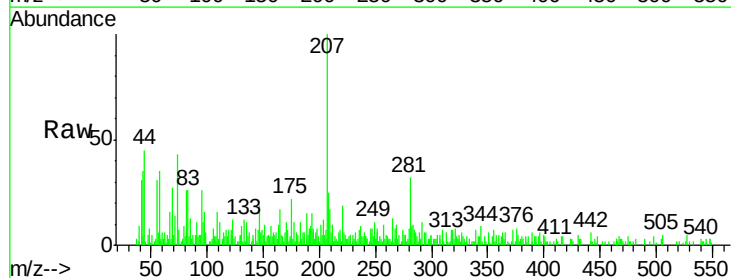
Tgt Ion:252 Resp: 1305

Ion Ratio Lower Upper

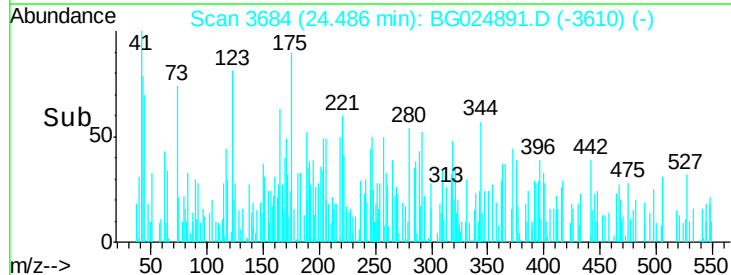
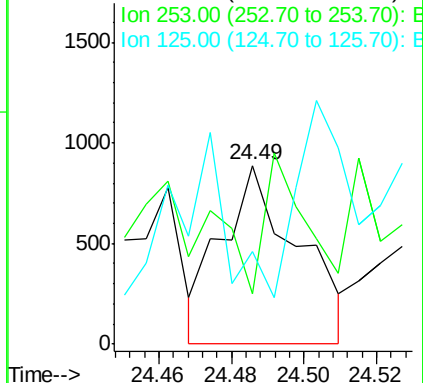
252 100

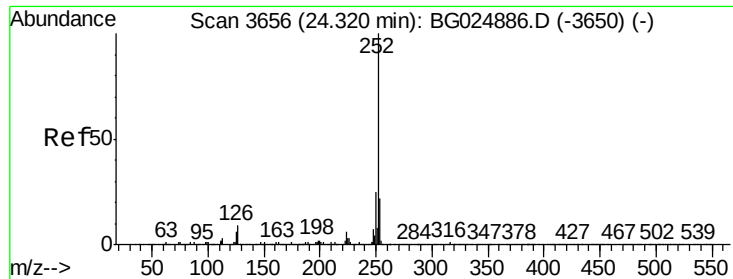
253 28.1 17.7 26.5#

125 52.2 4.0 6.0#



Abundance Ion 252.00 (251.70 to 252.70): E

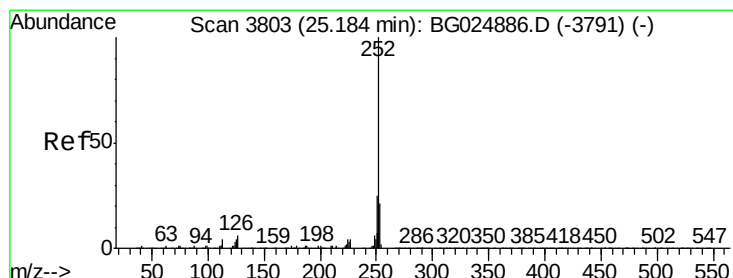
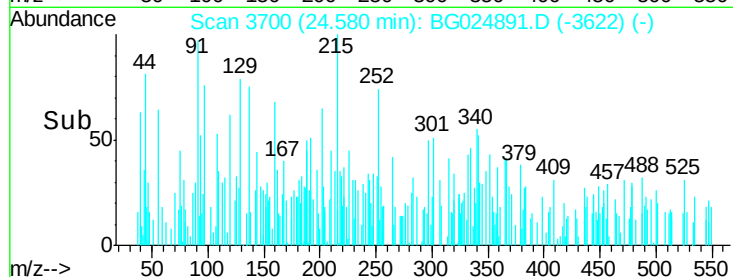
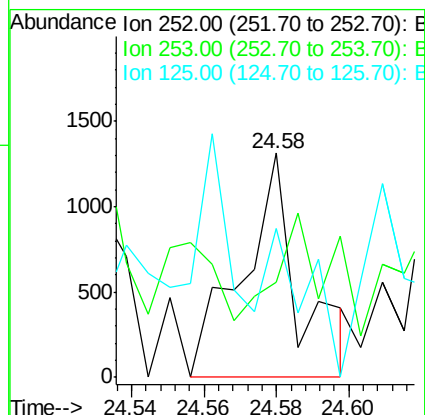
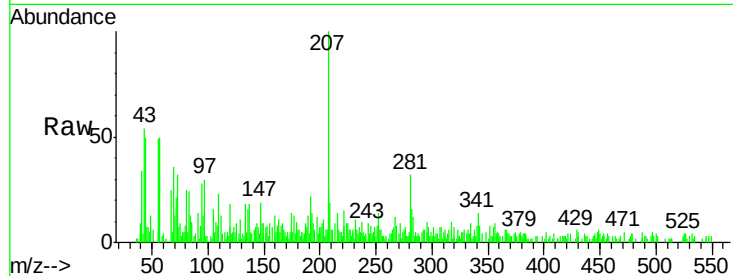




#86
Benzo(k)fluoranthene
Concen: 48.97 ng/ul
RT: 24.58 min Scan# 3700
Delta R.T. 0.26 min
Lab File: BG024891.D
Acq: 22 Nov 2016 16:37

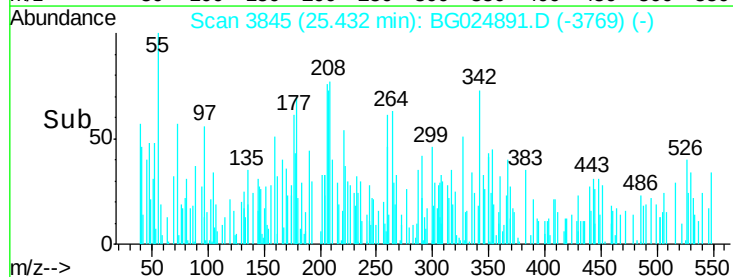
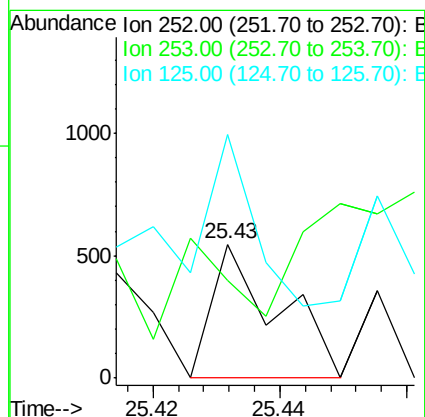
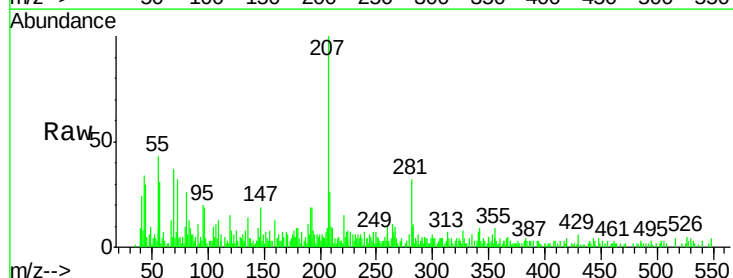
Instrument :
BNA_G
ClientSampleId :
JHSZ5

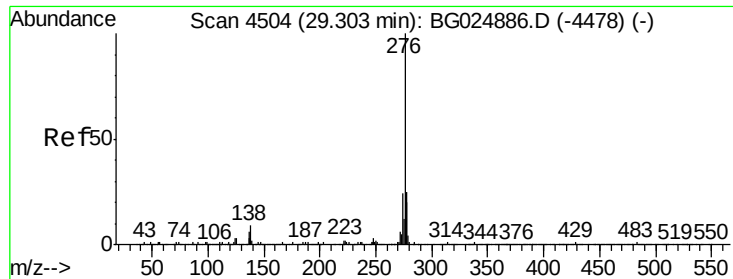
Tgt Ion:252 Resp: 1414
Ion Ratio Lower Upper
252 100
253 42.3 18.5 27.7#
125 66.1 4.1 6.1#



#88
Benzo(a)pyrene
Concen: 13.22 ng/ul
RT: 25.43 min Scan# 3845
Delta R.T. 0.25 min
Lab File: BG024891.D
Acq: 22 Nov 2016 16:37

Tgt Ion:252 Resp: 389
Ion Ratio Lower Upper
252 100
253 72.7 17.8 26.6#
125 182.2 5.4 8.0#





#89

Indeno(1,2,3-cd)pyrene

Concen: 14.95 ng/ul

RT: 29.62 min Scan# 4558

Delta R.T. 0.32 min

Lab File: BG024891.D

Acq: 22 Nov 2016 16:37

Instrument :

BNA_G

ClientSampleId :

JHSZ5

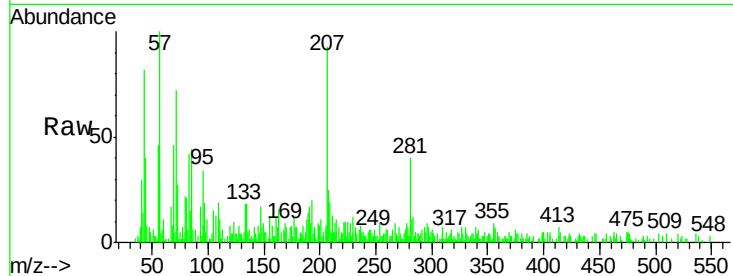
Tgt Ion:276 Resp: 550

Ion Ratio Lower Upper

276 100

138 26.7 8.2 12.4#

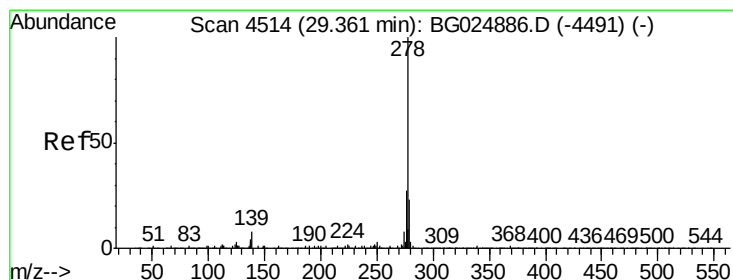
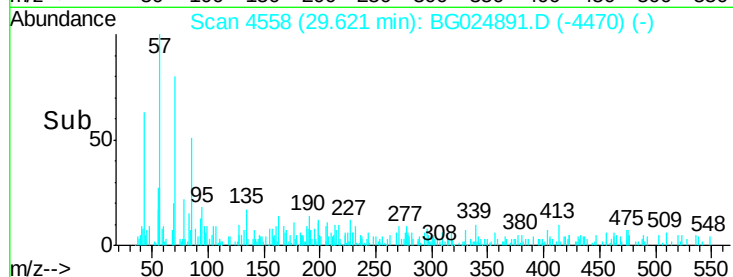
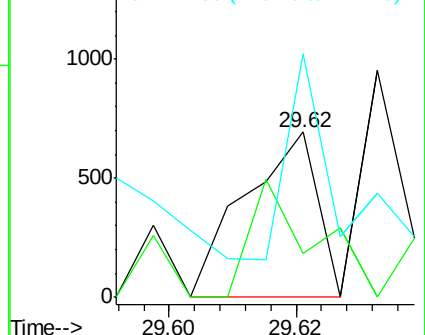
277 147.3 18.6 28.0#



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



#90

Dibenzo(a,h)anthracene

Concen: 31.22 ng/ul

RT: 29.65 min Scan# 4563

Delta R.T. 0.29 min

Lab File: BG024891.D

Acq: 22 Nov 2016 16:37

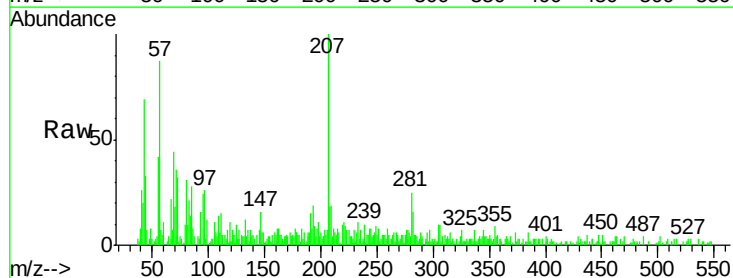
Tgt Ion:278 Resp: 957

Ion Ratio Lower Upper

278 100

139 64.3 6.7 10.1#

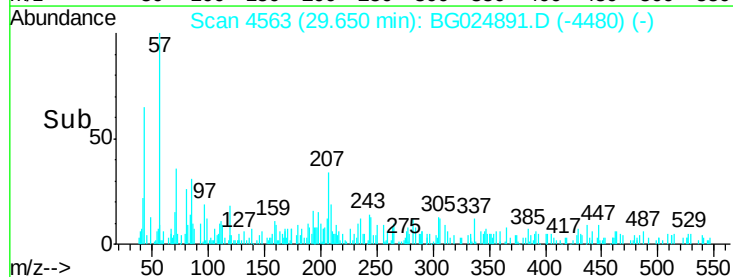
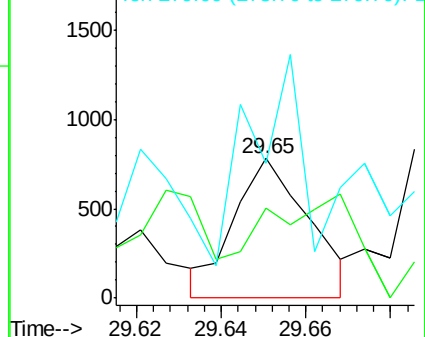
279 96.7 20.9 31.3#

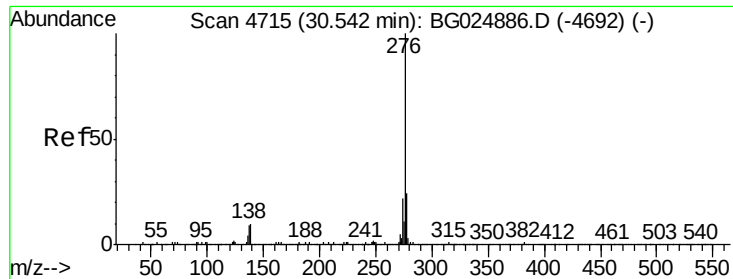


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 37.86 ng/ul

RT: 30.83 min Scan# 4764

Delta R.T. 0.29 min

Lab File: BG024891.D

Acq: 22 Nov 2016 16:37

Instrument :

BNA_G

ClientSampleId :

JHSZ5

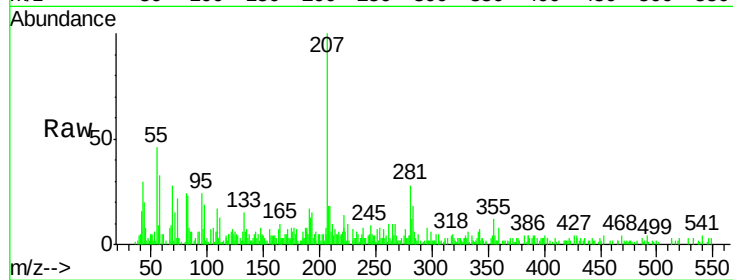
Tgt Ion: 276 Resp: 1147

Ion Ratio Lower Upper

276 100

138 33.8 8.6 12.8#

277 37.6 17.6 26.4#



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

