

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG113016\
 Data File : BG024952.D
 Acq On : 30 Nov 2016 18:59
 Operator : UM/SJ
 Sample : H5716-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4WG9

Quant Time: Dec 01 01:13:29 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 01 01:03:36 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	91342	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	375967	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	329211	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	1095683	20.00	ng/ul	0.10
75) Chrysene-d12	22.01	240	1423	20.00	ng/ul	0.11
83) Perylene-d12	25.31	264	1045792	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	1692	0.96	ng/uL	0.00
5) Phenol-d5	7.39	99	45546	5.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	125943	25.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	117132	21.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	88973	13.51	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	74393	27.94	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	89704	27.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	160177	25.09	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	3505	0.56	ng/ul	0.00
43) Dimethylphthalate-d6	14.26	166	699994	30.91	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	709440	28.60	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	22504	5.78	ng/ul	0.00
57) Fluorene-d10	15.85	176	619455	29.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.05	200	623	0.09	ng/ul	0.08
70) Anthracene-d10	17.71	188	1096127	23.70	ng/ul	0.00
76) Pyrene-d10	19.97	212	1498944	25573.98	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	1550789	36.60	ng/ul	0.00

Target Compounds

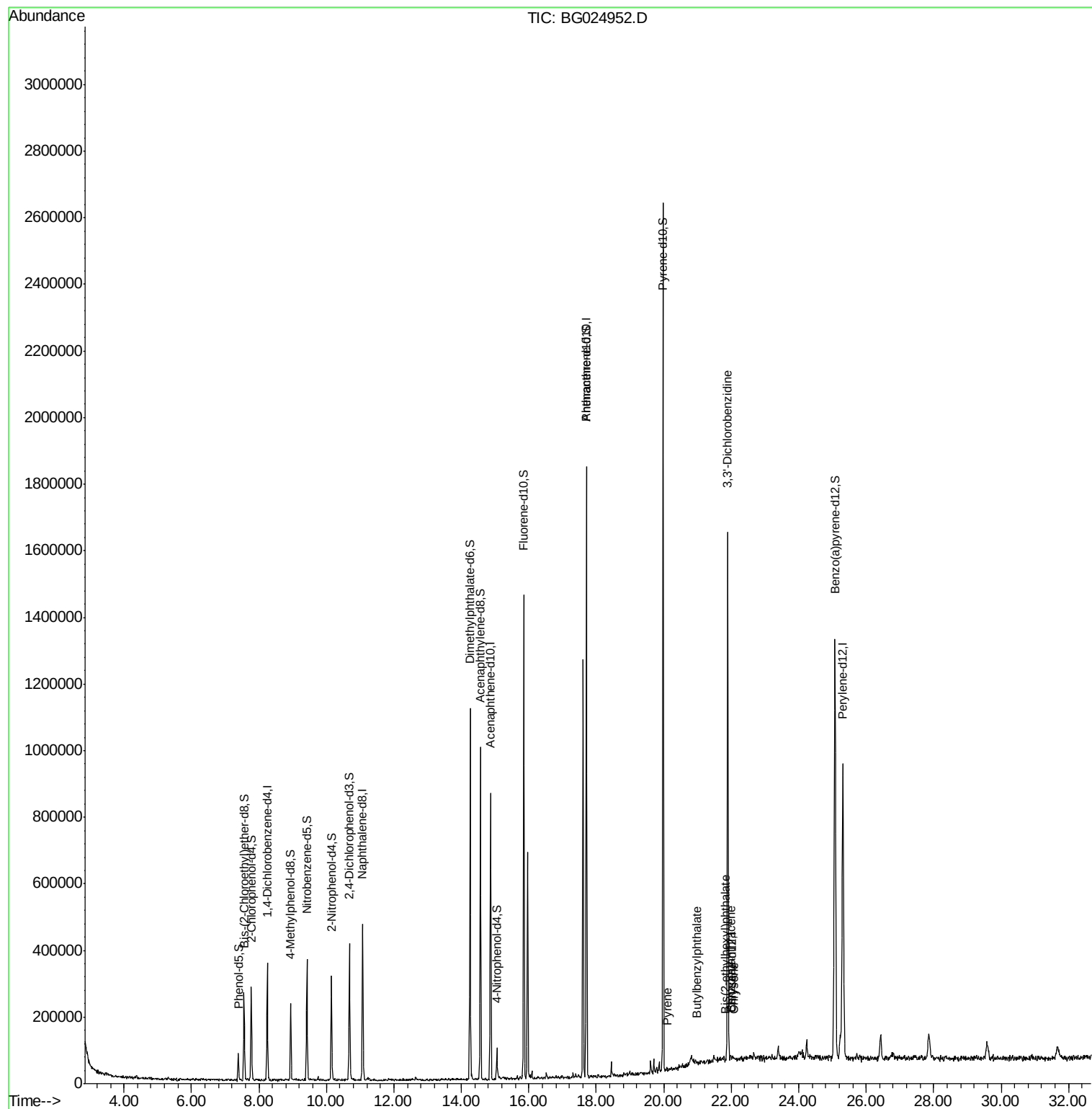
					Qvalue
77) Pyrene	20.11	202	247	3.61 ng/ul#	1
78) Butylbenzylphthalate	20.98	149	407	15.20 ng/ul#	86
79) 3,3'-Dichlorobenzidine	21.90	252	137	5.52 ng/ul#	1
80) Benzo(a)anthracene	21.98	228	80	1.08 ng/ul#	51
81) Bis(2-ethylhexyl)phthalate	21.84	149	378	10.25 ng/ul#	54
82) Chrysene	22.08	228	142	2.05 ng/ul#	49

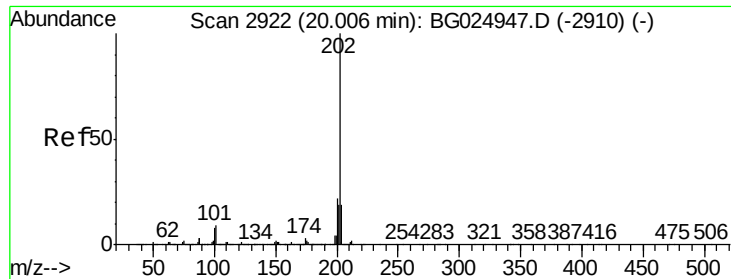
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#77

Pyrene

Concen: 3.61 ng/ul

RT: 20.11 min Scan# 2940

Delta R.T. 0.11 min

Lab File: BG024952.D

Acq: 30 Nov 2016 18:59

Instrument :

BNA_G

ClientSampleId :

A4WG9

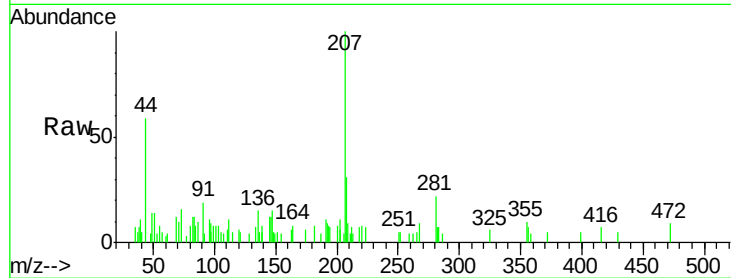
Tgt Ion: 202 Resp: 247

Ion Ratio Lower Upper

202 100

101 75.7 6.9 10.3#

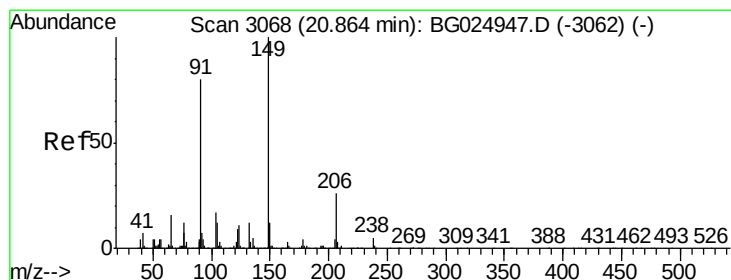
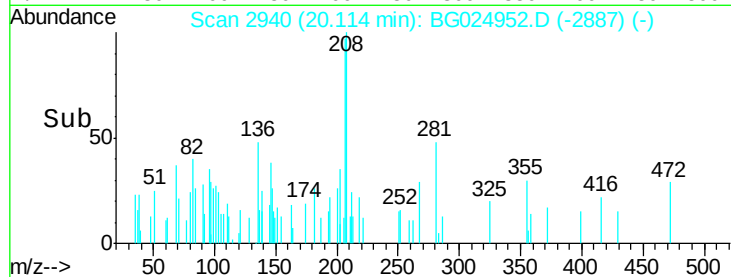
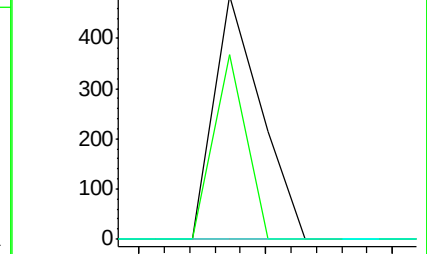
100 0.0 6.6 10.0#



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: 15.20 ng/ul

RT: 20.98 min Scan# 3087

Delta R.T. 0.11 min

Lab File: BG024952.D

Acq: 30 Nov 2016 18:59

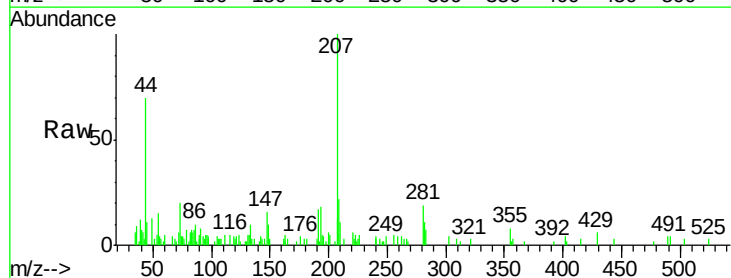
Tgt Ion: 149 Resp: 407

Ion Ratio Lower Upper

149 100

91 68.6 65.8 98.6

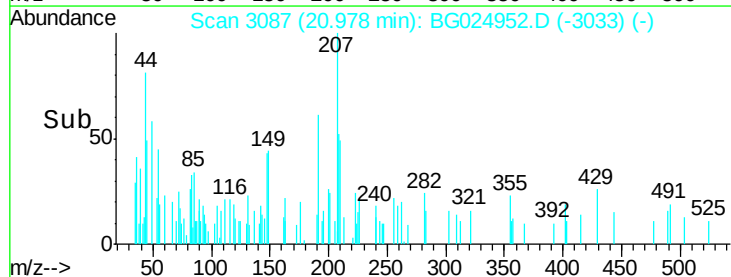
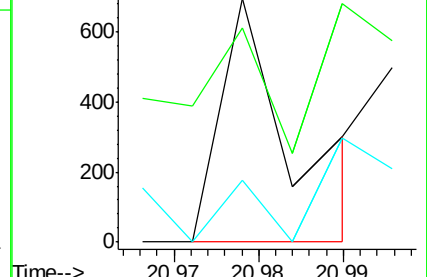
206 19.9 20.1 30.1#

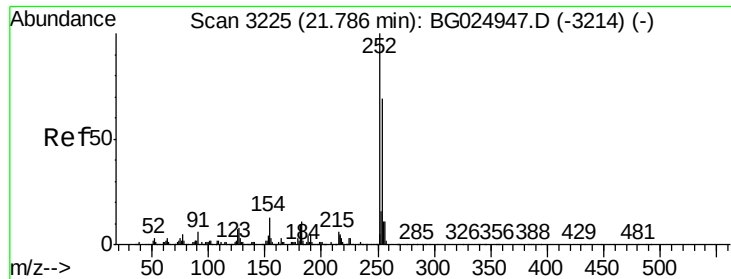


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E

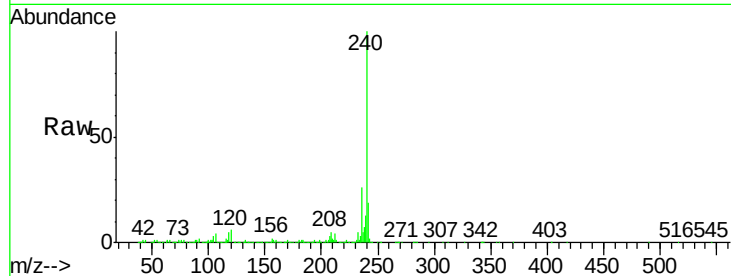




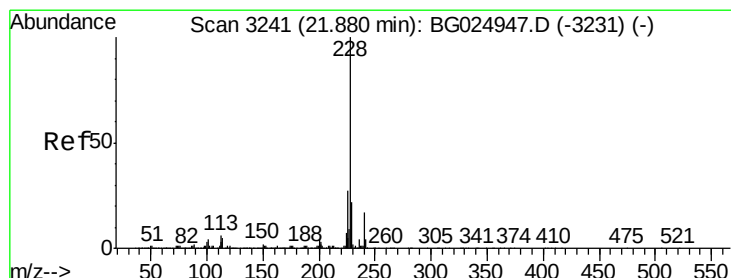
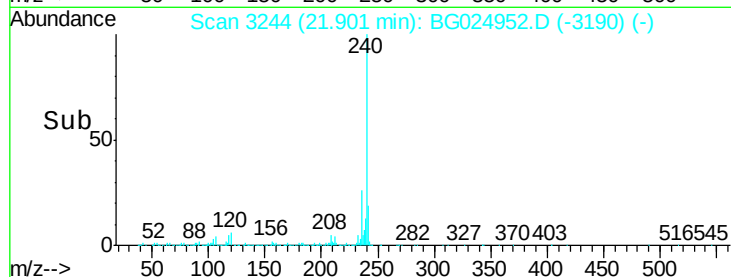
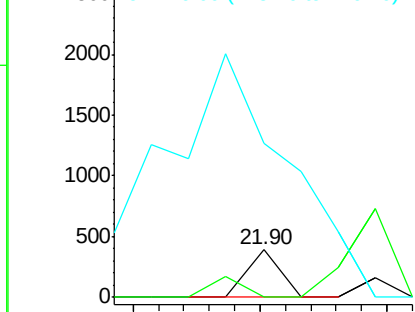
#79
 3,3'-Dichlorobenzidine
 Concen: 5.52 ng/ul
 RT: 21.90 min Scan# 3244
 Delta R.T. 0.11 min
 Lab File: BG024952.D
 Acq: 30 Nov 2016 18:59

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 BNA_G
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 A4WG9

Tgt Ion: 252 Resp: 137
 Ion Ratio Lower Upper
 252 100
 254 0.0 49.0 73.6#
 126 226.6 5.1 7.7#

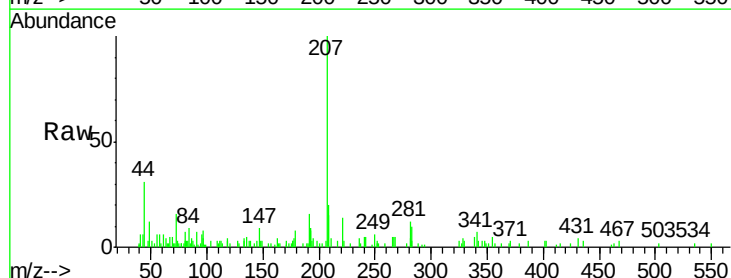


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

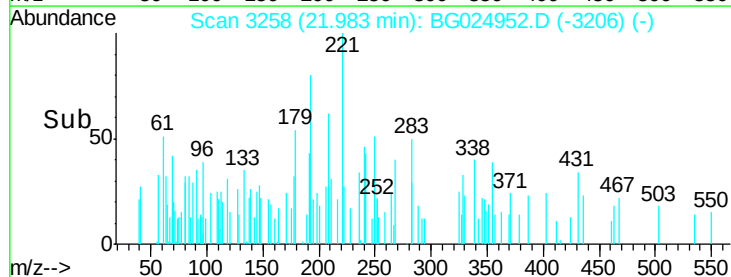
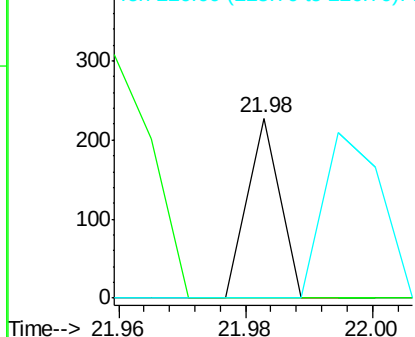


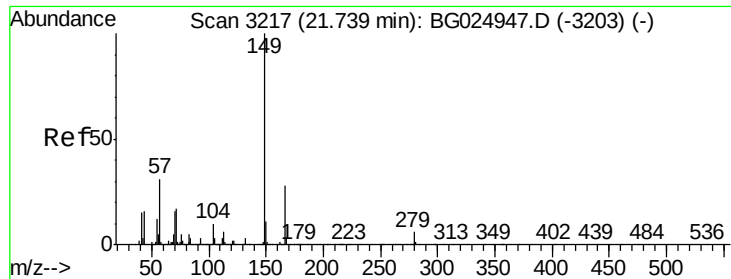
#80
 Benzo(a)anthracene
 Concen: 1.08 ng/ul
 RT: 21.98 min Scan# 3258
 Delta R.T. 0.10 min
 Lab File: BG024952.D
 Acq: 30 Nov 2016 18:59

Tgt Ion: 228 Resp: 80
 Ion Ratio Lower Upper
 228 100
 229 0.0 16.3 24.5#
 226 0.0 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: 10.25 ng/ul

RT: 21.84 min Scan# 3233

Delta R.T. 0.10 min

Lab File: BG024952.D

Acq: 30 Nov 2016 18:59

Instrument :

BNA_G

ClientSampled :

A4WG9

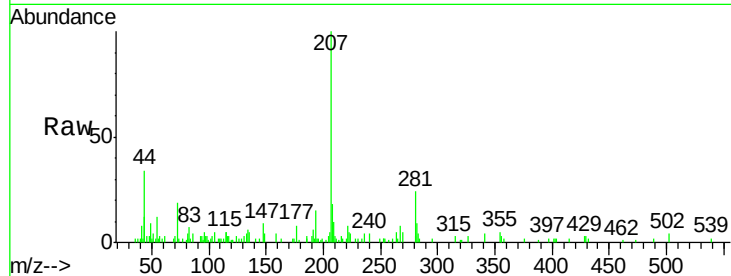
Tgt Ion:149 Resp: 378

Ion Ratio Lower Upper

149 100

167 0.0 21.8 32.8#

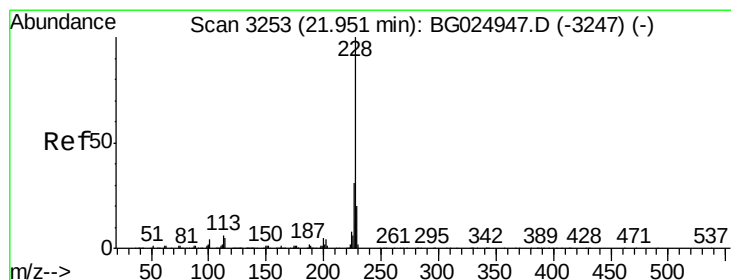
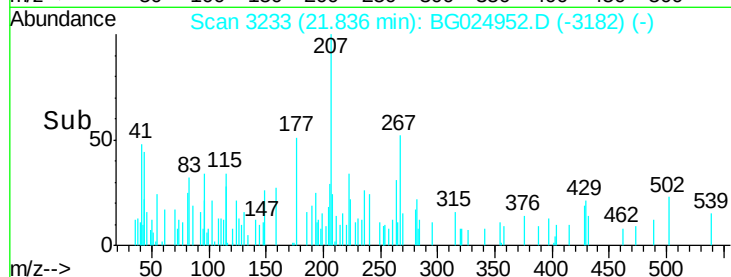
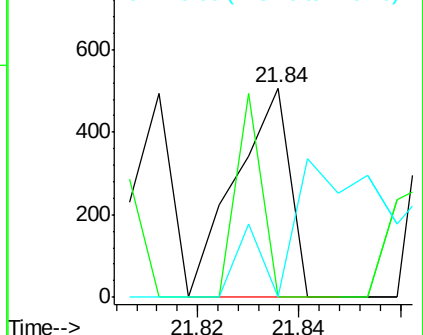
279 0.0 4.5 6.7#



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



#82

Chrysene

Concen: 2.05 ng/ul

RT: 22.08 min Scan# 3274

Delta R.T. 0.13 min

Lab File: BG024952.D

Acq: 30 Nov 2016 18:59

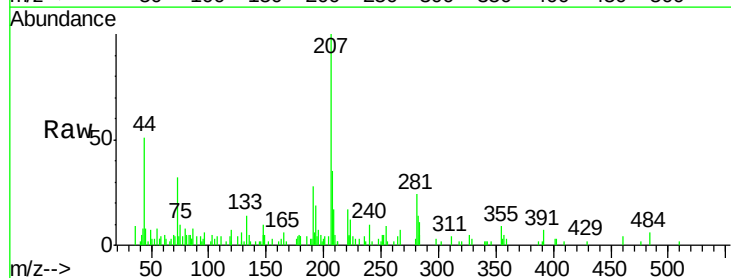
Tgt Ion:228 Resp: 142

Ion Ratio Lower Upper

228 100

226 0.0 24.0 36.0#

229 0.0 16.9 25.3#



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

