

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120616\
 Data File : BG024998.D
 Acq On : 7 Dec 2016 2:59
 Operator : UM/SJ
 Sample : H5843-09
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AJ1

Quant Time: Dec 07 03:58:04 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 07 03:17:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	91572	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	373506	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	317023	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	1174095	20.00	ng/ul	0.10
75) Chrysene-d12	22.02	240	1073	20.00	ng/ul	0.13
83) Perylene-d12	25.31	264	1071324	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	2073	1.17	ng/uL	0.01
5) Phenol-d5	7.38	99	49133	6.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	132914	27.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	121093	21.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	97906	14.83	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	80150	30.30	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	90627	27.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	169457	26.72	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	9283	1.49	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	728971	33.43	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	756776	31.68	ng/ul	0.00
51) 4-Nitrophenol-d4	15.04	143	29236	7.80	ng/ul	0.00
57) Fluorene-d10	15.85	176	675489	32.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.05	200	203	0.03	ng/ul	0.09
70) Anthracene-d10	17.70	188	1178689	23.79	ng/ul	0.00
76) Pyrene-d10	19.97	212	1521235	34420.28	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.06	264	1648861	37.98	ng/ul	0.00

Target Compounds

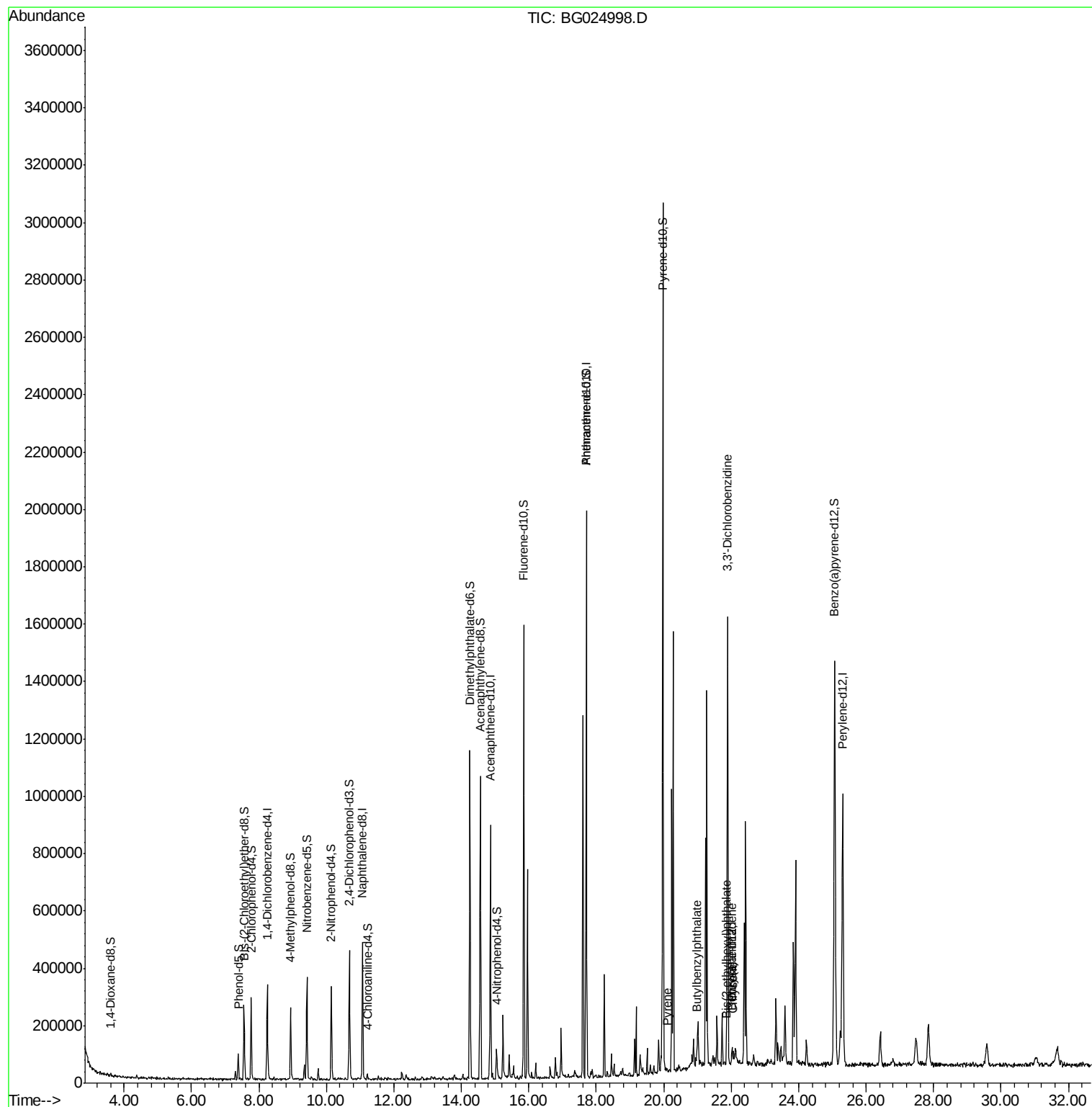
					Qvalue	
77) Pyrene	20.10	202	104	2.02	ng/ul#	76
78) Butylbenzylphthalate	20.96	149	326	16.14	ng/ul#	81
79) 3,3'-Dichlorobenzidine	21.90	252	87	4.65	ng/ul#	1
80) Benzo(a)anthracene	22.00	228	230	4.13	ng/ul#	32
81) Bis(2-ethylhexyl)phthalate	21.84	149	821	29.54	ng/ul#	54
82) Chrysene	22.05	228	64	1.23	ng/ul#	1

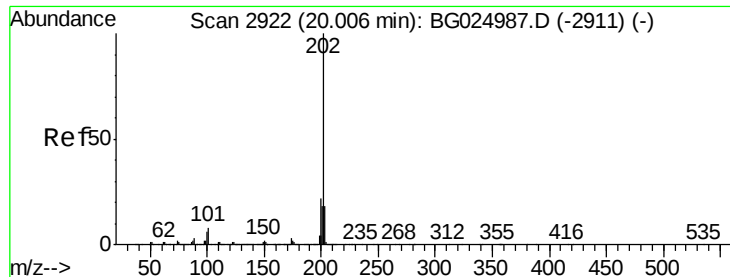
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#77

Pyrene

Concen: 2.02 ng/ul

RT: 20.10 min Scan# 2938

Delta R.T. 0.09 min

Lab File: BG024998.D

Acq: 7 Dec 2016 2:59

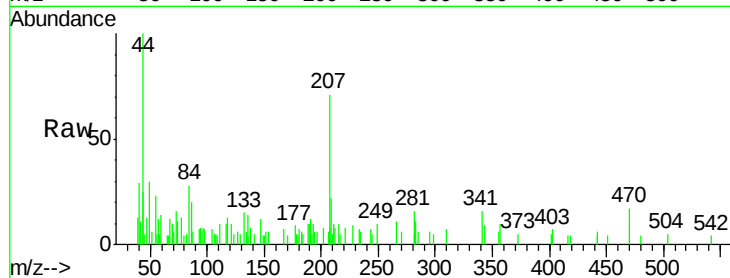
Instrument :

BNA_G

ClientSampleId :

C0AJ1

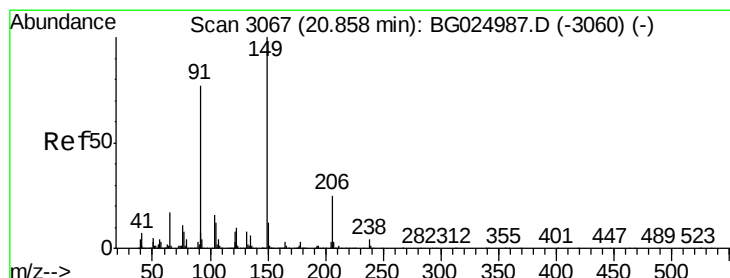
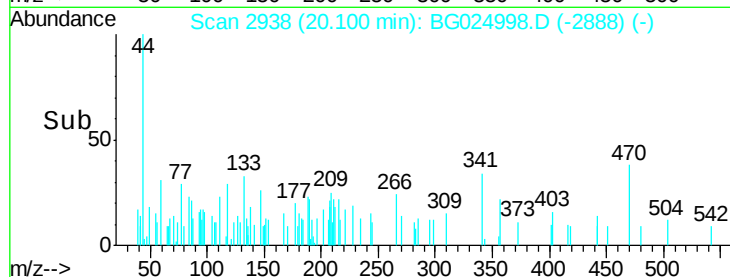
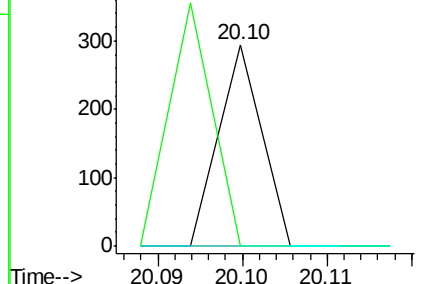
Tgt Ion:	202	Resp:	104
Ion	Ratio	Lower	Upper
202	100		
101	0.0	6.9	10.3#
100	0.0	6.6	10.0#



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: 16.14 ng/ul

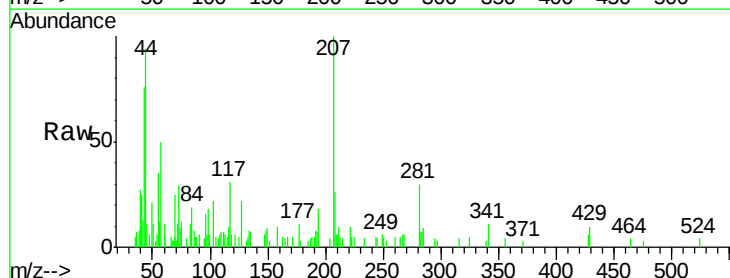
RT: 20.96 min Scan# 3085

Delta R.T. 0.11 min

Lab File: BG024998.D

Acq: 7 Dec 2016 2:59

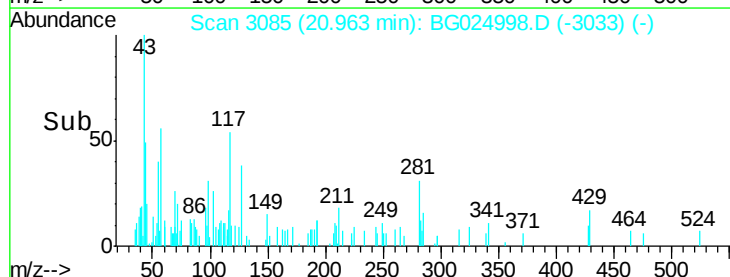
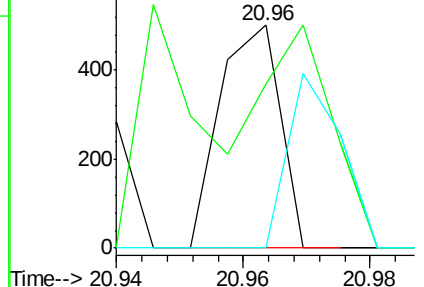
Tgt Ion:	149	Resp:	326
Ion	Ratio	Lower	Upper
149	100		
91	73.5	65.8	98.6
206	0.0	20.1	30.1#

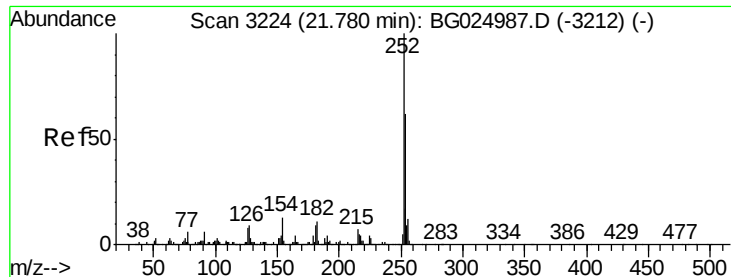


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E

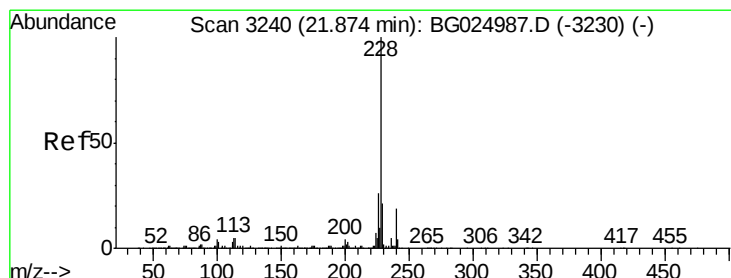
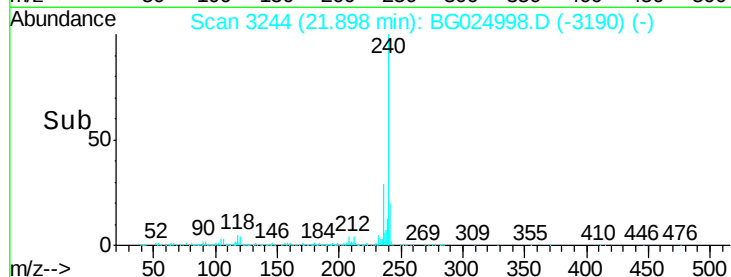
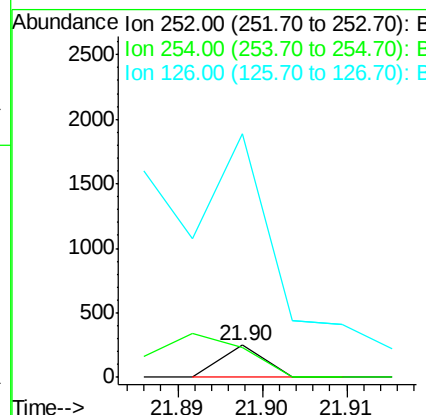
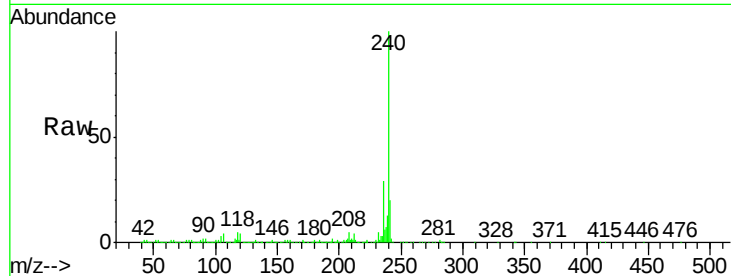




#79
 3,3'-Dichlorobenzidine
 Concen: 4.65 ng/ul
 RT: 21.90 min Scan# 3244
 Delta R.T. 0.12 min
 Lab File: BG024998.D
 Acq: 7 Dec 2016 2:59

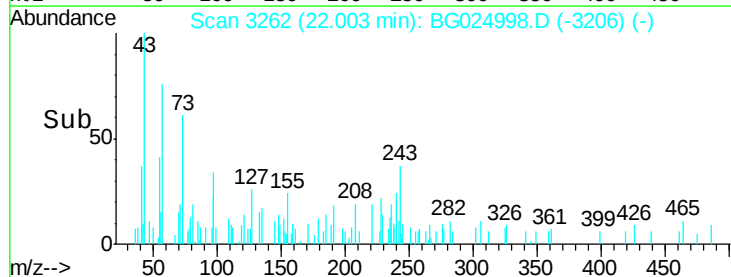
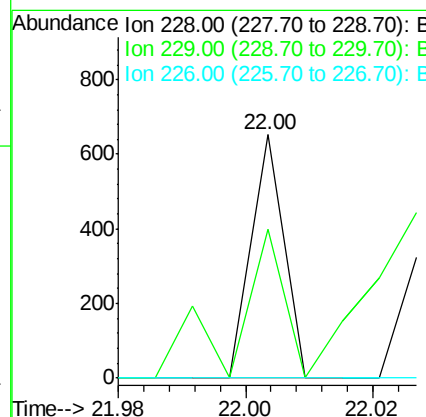
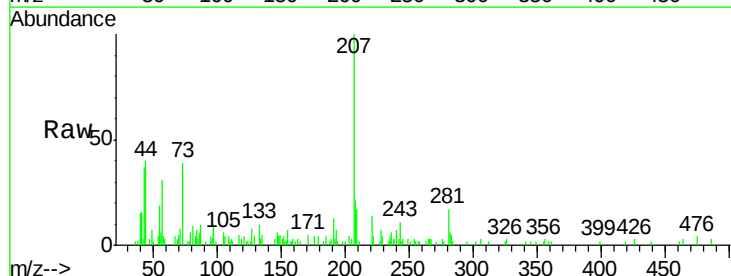
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 C0AJ1

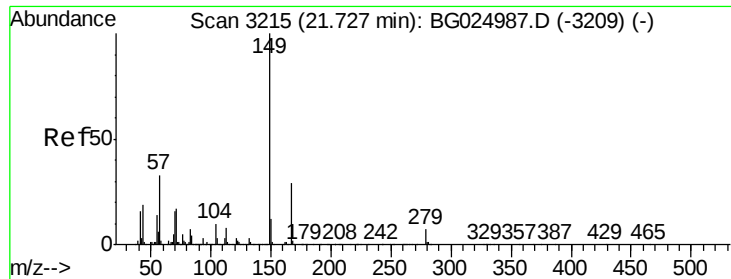
Tgt Ion:252 Resp: 87
 Ion Ratio Lower Upper
 252 100
 254 95.5 49.0 73.6#
 126 764.0 5.1 7.7#



#80
 Benzo(a)anthracene
 Concen: 4.13 ng/ul
 RT: 22.00 min Scan# 3262
 Delta R.T. 0.13 min
 Lab File: BG024998.D
 Acq: 7 Dec 2016 2:59

Tgt Ion:228 Resp: 230
 Ion Ratio Lower Upper
 228 100
 229 61.1 16.3 24.5#
 226 0.0 21.9 32.9#





#81

Bis(2-ethylhexyl)phthalate

Concen: 29.54 ng/ul

RT: 21.84 min Scan# 3235

Delta R.T. 0.12 min

Lab File: BG024998.D

Acq: 7 Dec 2016 2:59

Instrument :

BNA_G

ClientSampleId :

C0AJ1

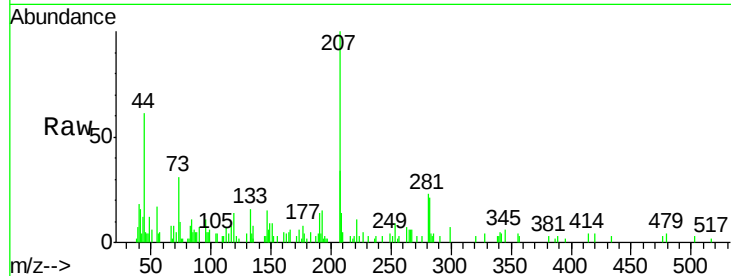
Tgt Ion:149 Resp: 821

Ion Ratio Lower Upper

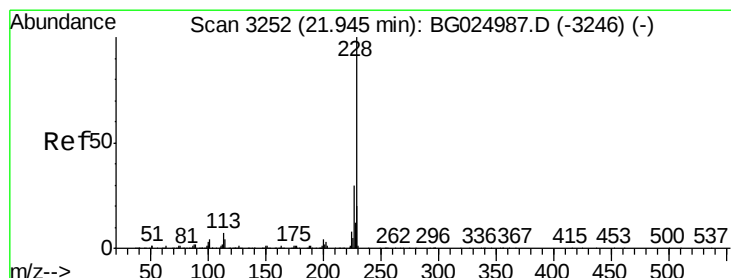
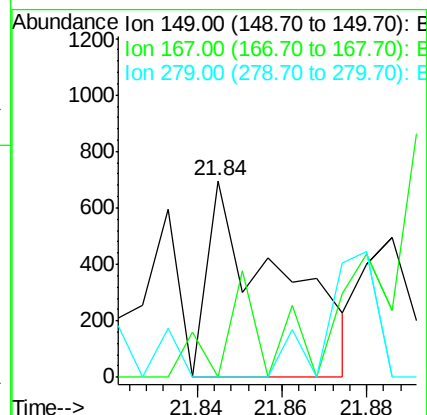
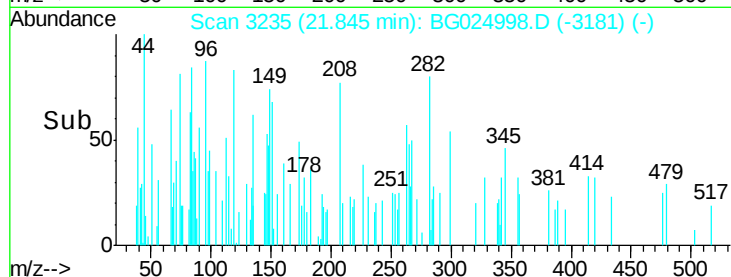
149 100

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: 1.23 ng/ul

RT: 22.05 min Scan# 3270

Delta R.T. 0.11 min

Lab File: BG024998.D

Acq: 7 Dec 2016 2:59

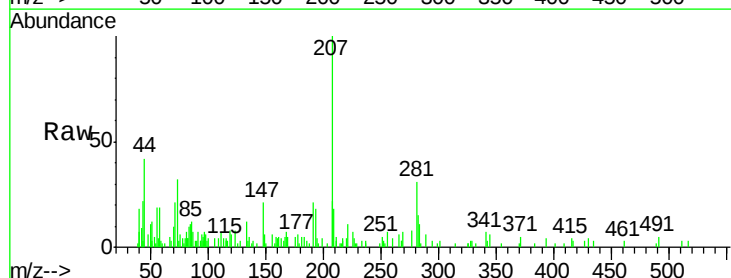
Tgt Ion:228 Resp: 64

Ion Ratio Lower Upper

228 100

226 167.8 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

