

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080717\
 Data File : BG028169.D
 Acq On : 7 Aug 2017 23:41
 Operator : SJ/JU
 Sample : I4578-15
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C02T3

Quant Time: Aug 08 03:57:07 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 08 03:54:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	38897	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	170952	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.97	164	123866	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.81	188	554719	20.00	ng/ul	0.10
75) Chrysene-d12	22.19	240	399	20.00	ng/ul	0.14
83) Perylene-d12	25.55	264	343487	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.84	96	4574	5.48	ng/uL	0.00
5) Phenol-d5	7.50	99	25995	6.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	79285	29.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	66985	24.86	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	48349	13.54	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	42766	31.99	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	50115	34.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	80226	26.46	ng/ul	0.00
29) 4-Chloroaniline-d4	11.28	131	53	0.02	ng/ul	-0.03
43) Dimethylphthalate-d6	14.35	166	368680	33.46	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	387175	31.17	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	8413	4.80	ng/ul	0.00
57) Fluorene-d10	15.95	176	304547	30.81	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	67257	18.66	ng/ul	0.00
70) Anthracene-d10	17.81	188	554719	20.85	ng/ul	0.00
76) Pyrene-d10	20.08	212	645600	31552.44	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.31	264	537822	33.45	ng/ul	0.00

Target Compounds

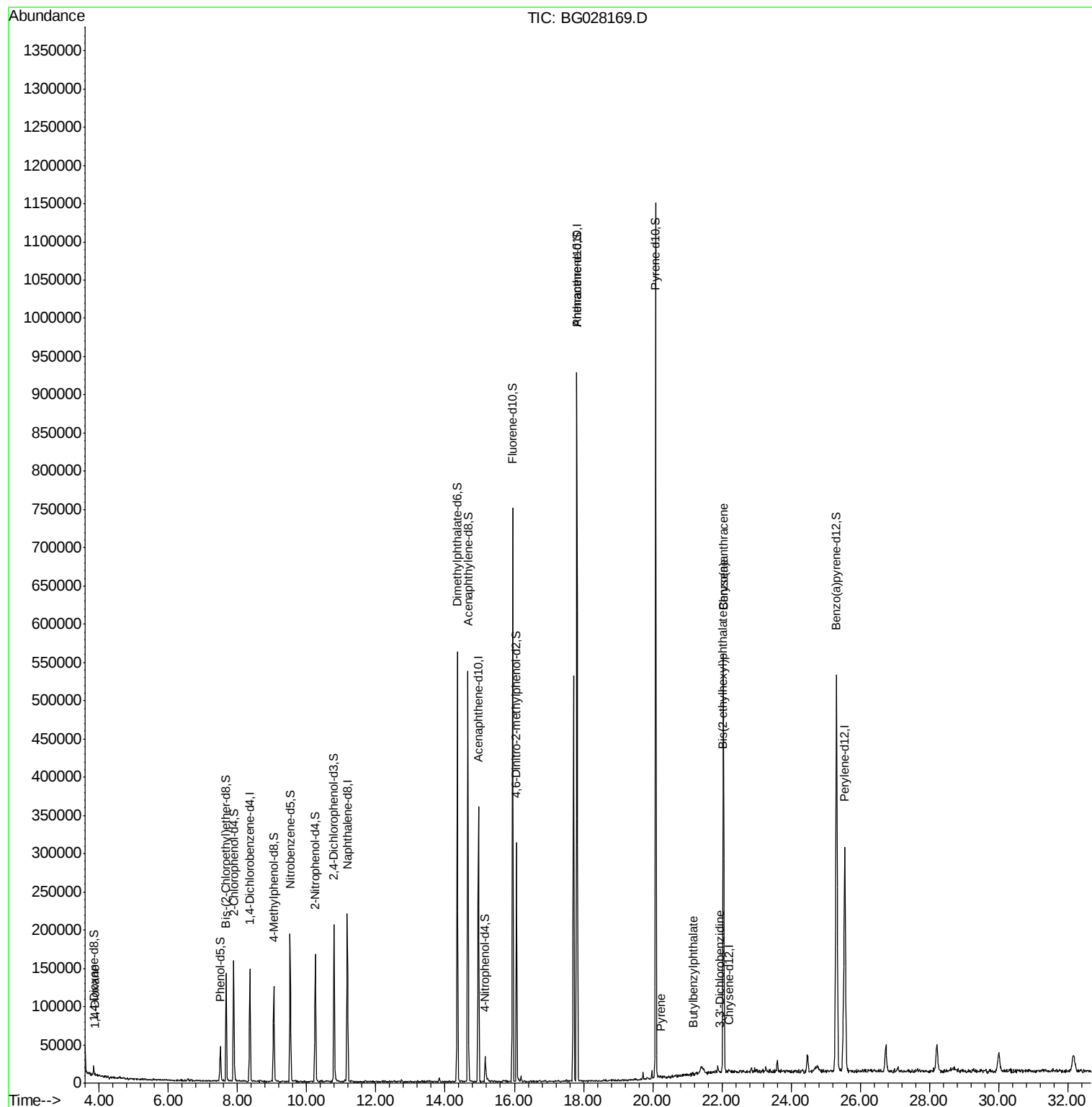
					Ovalue	
2) 1,4-Dioxane	3.88	88	1168	1.331	ng/uL#	87
77) Pvrene	20.24	202	58	2.436	ng/ul#	76
78) Butylbenzylphthalate	21.16	149	69	7.737	ng/ul#	1
79) 3,3'-Dichlorobenzidine	21.95	252	68	8.834	ng/ul#	26
80) Benzo(a)anthracene	22.05	228	1076	46.673	ng/ul#	64
81) Bis(2-ethylhexyl)phthalate	22.03	149	87	6.860	ng/ul#	41
82) Chrysene	22.05	228	1076	51.824	ng/ul#	63

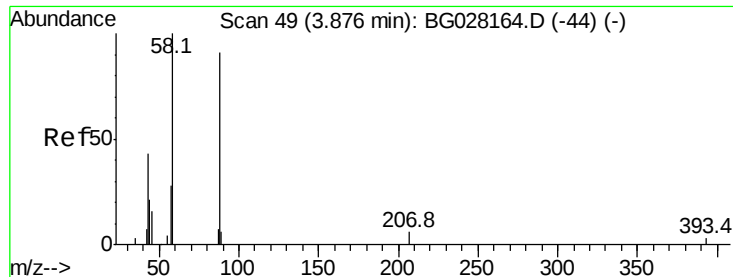
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.331 ng/uL

RT: 3.88 min Scan# 50

Delta R.T. 0.01 min

Lab File: BG028169.D

Acq: 7 Aug 2017 23:41

Instrument :

BNA_G

ClientSampleId :

C02T3

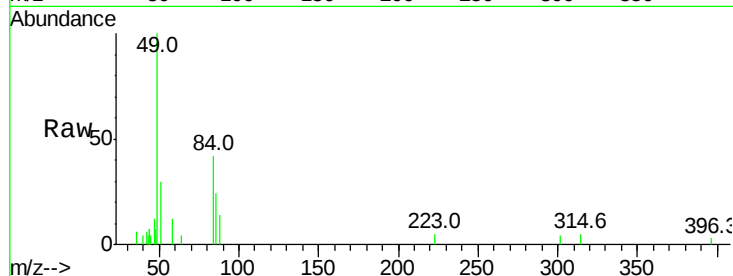
Tot Ion: 88 Resp: 1168

Ion Ratio Lower Upper

88 100

43 27.3 39.2 58.8#

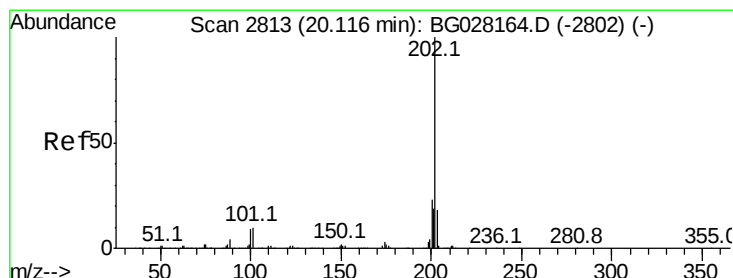
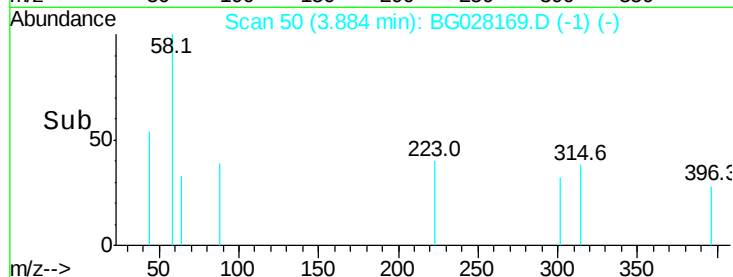
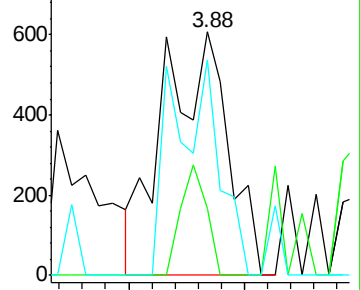
58 88.6 69.4 104.0



Abundance Ion 88.00 (87.70 to 88.70): BG028169.D (-1) (-)

Ion 43.00 (42.70 to 43.70): BG028169.D (-1) (-)

Ion 58.00 (57.70 to 58.70): BG028169.D (-1) (-)



#77

Pyrene

Concen: 2.436 ng/uL

RT: 20.24 min Scan# 2833

Delta R.T. 0.12 min

Lab File: BG028169.D

Acq: 7 Aug 2017 23:41

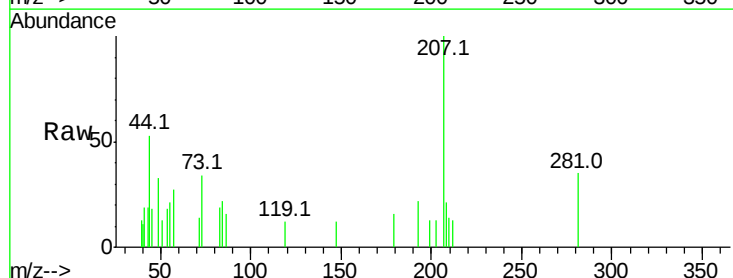
Tgt Ion: 202 Resp: 58

Ion Ratio Lower Upper

202 100

101 0.0 6.9 10.3#

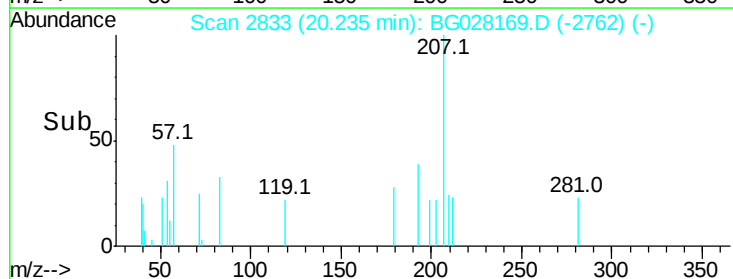
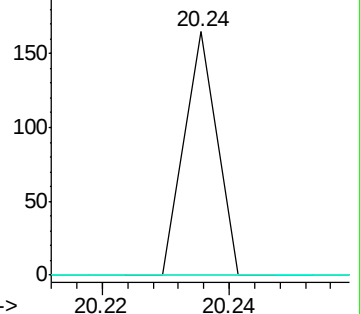
100 0.0 6.6 10.0#

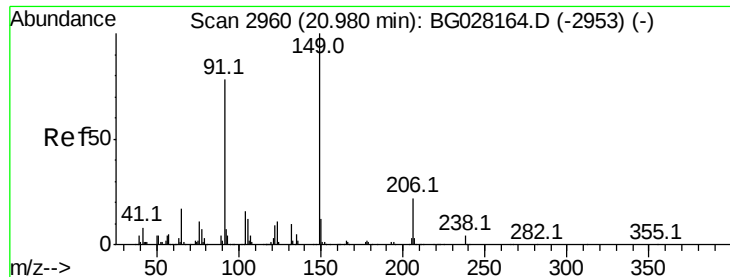


Abundance Ion 202.00 (201.70 to 202.70): BG028169.D (-2762) (-)

Ion 101.00 (100.70 to 101.70): BG028169.D (-2762) (-)

Ion 100.00 (99.70 to 100.70): BG028169.D (-2762) (-)





#78

Butylbenzylphthalate

Concen: 7.737 ng/ul

RT: 21.16 min Scan# 2990

Delta R.T. 0.18 min

Lab File: BG028169.D

Acq: 7 Aug 2017 23:41

Instrument :

BNA_G

ClientSampled :

C02T3

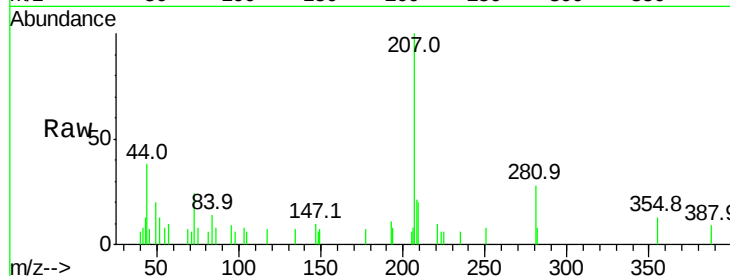
Tot Ion:149 Resp: 69

Ion Ratio Lower Upper

149 100

91 0.0 65.8 98.6#

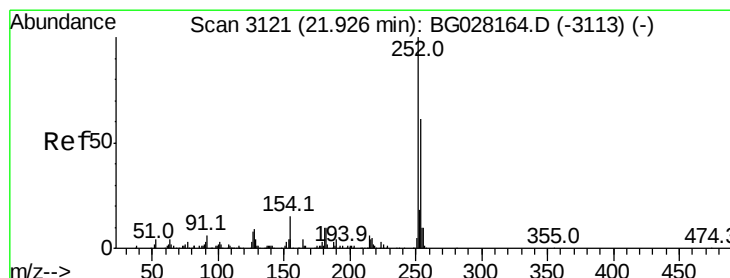
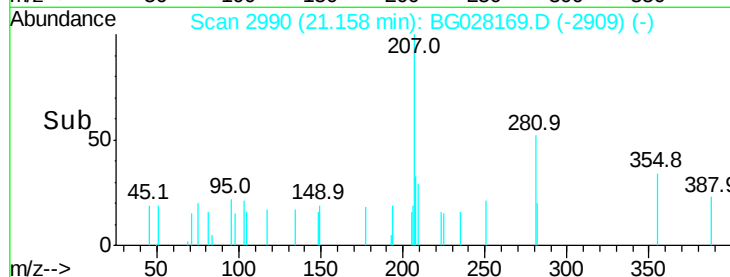
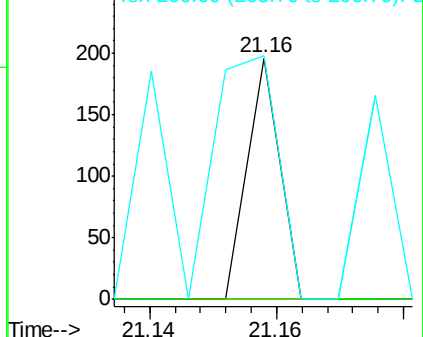
206 101.0 20.1 30.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#79

3,3'-Dichlorobenzidine

Concen: 8.834 ng/ul

RT: 21.95 min Scan# 3124

Delta R.T. 0.02 min

Lab File: BG028169.D

Acq: 7 Aug 2017 23:41

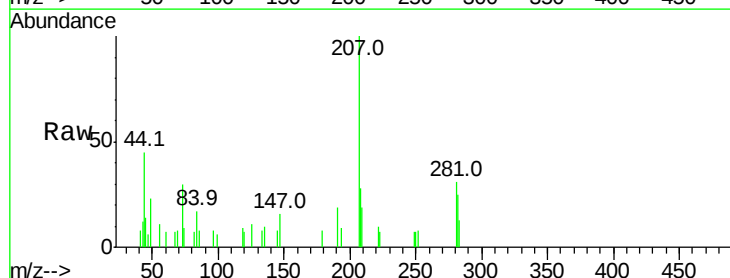
Tgt Ion:252 Resp: 68

Ion Ratio Lower Upper

252 100

254 0.0 49.0 73.6#

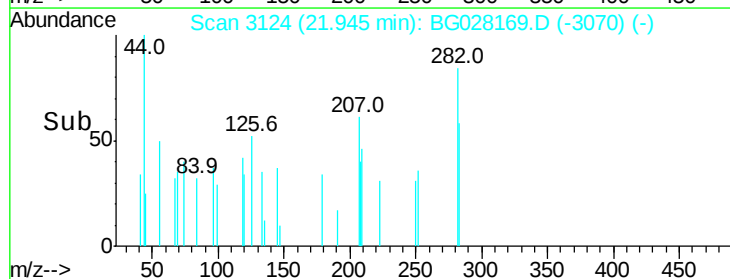
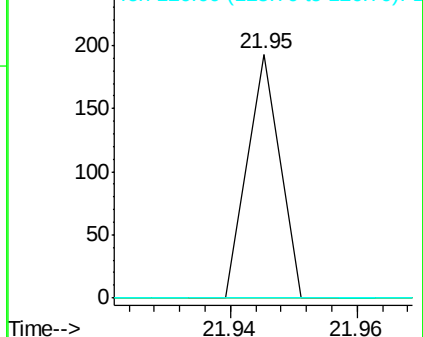
126 0.0 5.1 7.7#

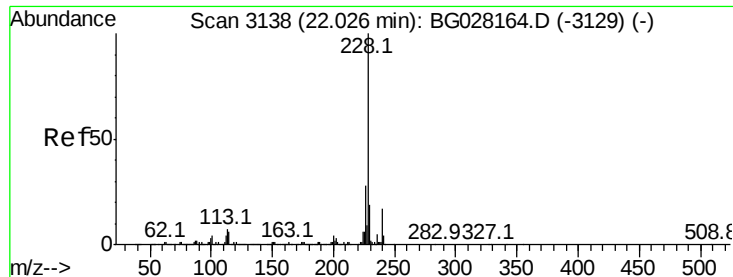


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#80

Benzo(a)anthracene

Concen: 46.673 ng/ul

RT: 22.05 min Scan# 3141

Delta R.T. 0.02 min

Lab File: BG028169.D

Acq: 7 Aug 2017 23:41

Instrument :

BNA_G

ClientSampleId :

C02T3

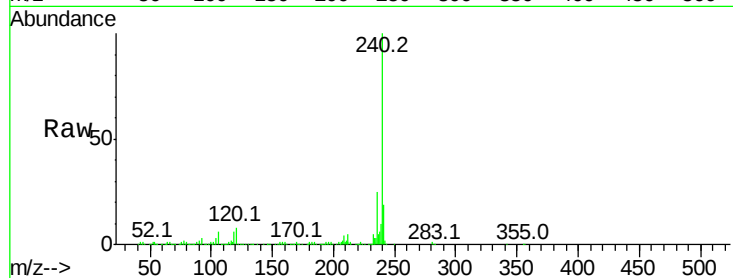
Tot Ion:228 Resp: 1076

Ion Ratio Lower Upper

228 100

229 26.4 16.3 24.5#

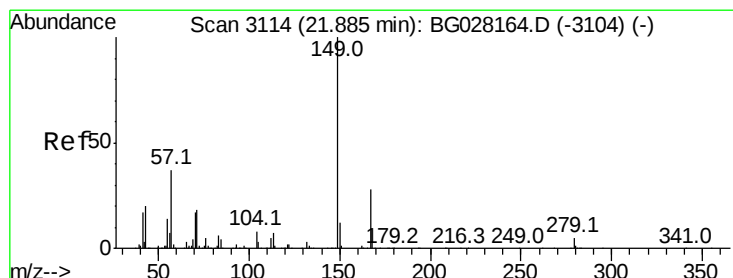
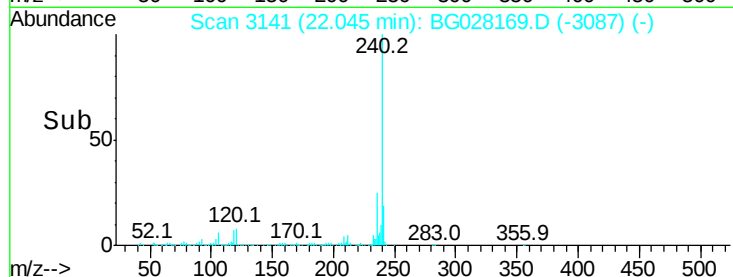
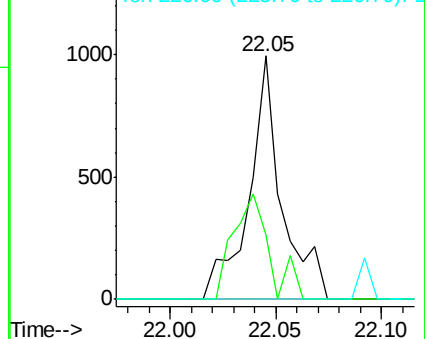
226 0.0 21.9 32.9#



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: 6.860 ng/ul

RT: 22.03 min Scan# 3138

Delta R.T. 0.14 min

Lab File: BG028169.D

Acq: 7 Aug 2017 23:41

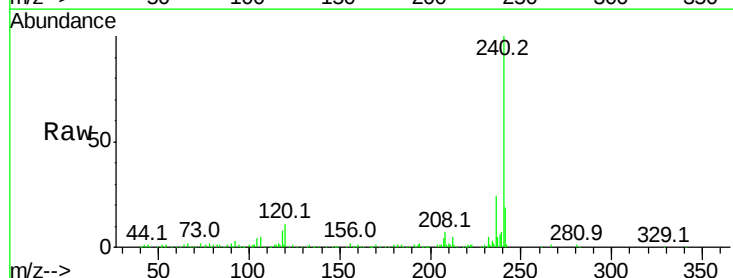
Tgt Ion:149 Resp: 87

Ion Ratio Lower Upper

149 100

167 62.8 21.8 32.8#

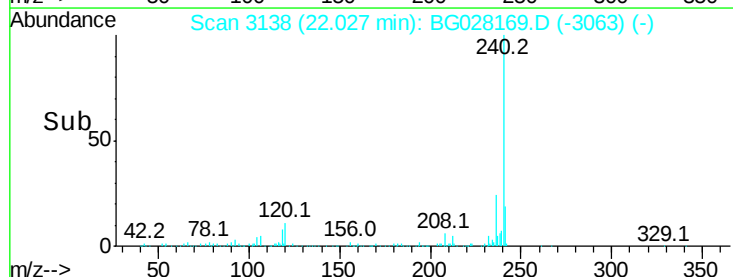
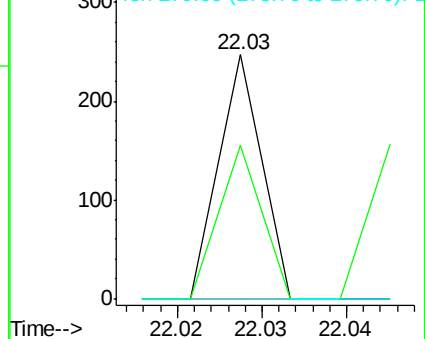
279 0.0 4.5 6.7#

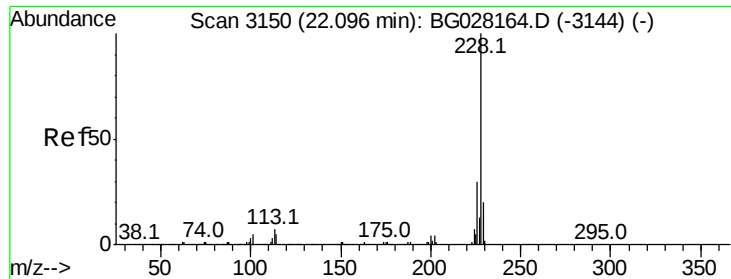


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 51.824 ng/ul

RT: 22.05 min Scan# 3141

Delta R.T. -0.05 min

Lab File: BG028169.D

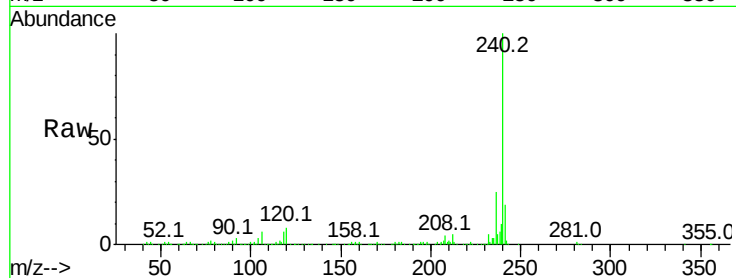
Acq: 7 Aug 2017 23:41

Instrument :

BNA_G

ClientSampleId :

C02T3



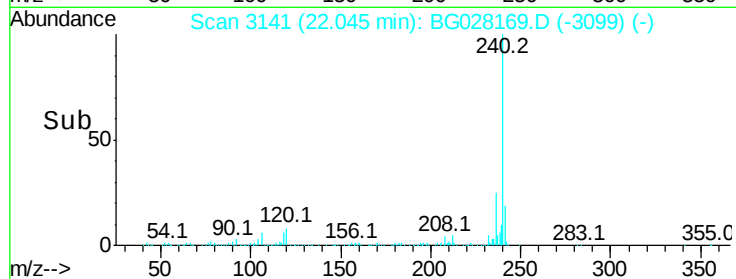
Tot Ion:228 Resp: 1076

Ion Ratio Lower Upper

228 100

226 0.0 24.0 36.0#

229 26.4 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

