

Data File : BG027556.D
Acq On : 20 Jun 2017 18:18
Operator : SJ/MA
Sample : I3658-05DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDC83DL

Quant Time: Jun 21 01:05:31 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 21 01:05:39 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.51	152	27955	20.00	ng/ul	0.00
18) Naphthalene-d8	11.33	136	122682	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.09	164	81292	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.94	188	176552	20.00	ng/ul	0.10
75) Chrysene-d12	22.33	240	1046	20.00	ng/ul	0.11
83) Perylene-d12	25.86	264	252880	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	4.07	96	2120	3.03	ng/uL	0.00
5) Phenol-d5	7.64	99	8243	2.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	25800	12.49	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	21814	10.89	ng/ul	0.00
13) 4-Methylphenol-d8	9.19	113	14462	6.10	ng/ul	0.00
19) Nitrobenzene-d5	9.68	128	12688	14.24	ng/ul	0.00
22) 2-Nitrophenol-d4	10.40	143	16128	17.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.94	165	27300	15.26	ng/ul	0.00
29) 4-Chloroaniline-d4	11.47	131	1911	0.84	ng/ul	0.01
43) Dimethylphthalate-d6	14.48	166	110803	16.28	ng/ul	0.00
46) Acenaphthylene-d8	14.79	160	118685	15.14	ng/ul	0.00
51) 4-Nitrophenol-d4	15.28	143	2722	2.04	ng/ul	0.01
57) Fluorene-d10	16.08	176	99392	15.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.29	200	68	0.06	ng/ul	0.10
70) Anthracene-d10	17.94	188	176552	21.45	ng/ul	0.00
76) Pyrene-d10	20.29	212	376	7.36	ng/ul	0.08
87) Benzo(a)pyrene-d12	25.60	264	190734	16.75	ng/ul	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	4.11	88	14219	17.57	ng/uL#	93
78) Butylbenzylphthalate	21.23	149	135	5.79	ng/ul#	58
80) Benzo(a)anthracene	22.21	228	674	11.57	ng/ul#	51
81) Bis(2-ethylhexyl)phthalate	22.17	149	255	7.62	ng/ul#	54
82) Chrysene	22.21	228	674	12.81	ng/ul#	49

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

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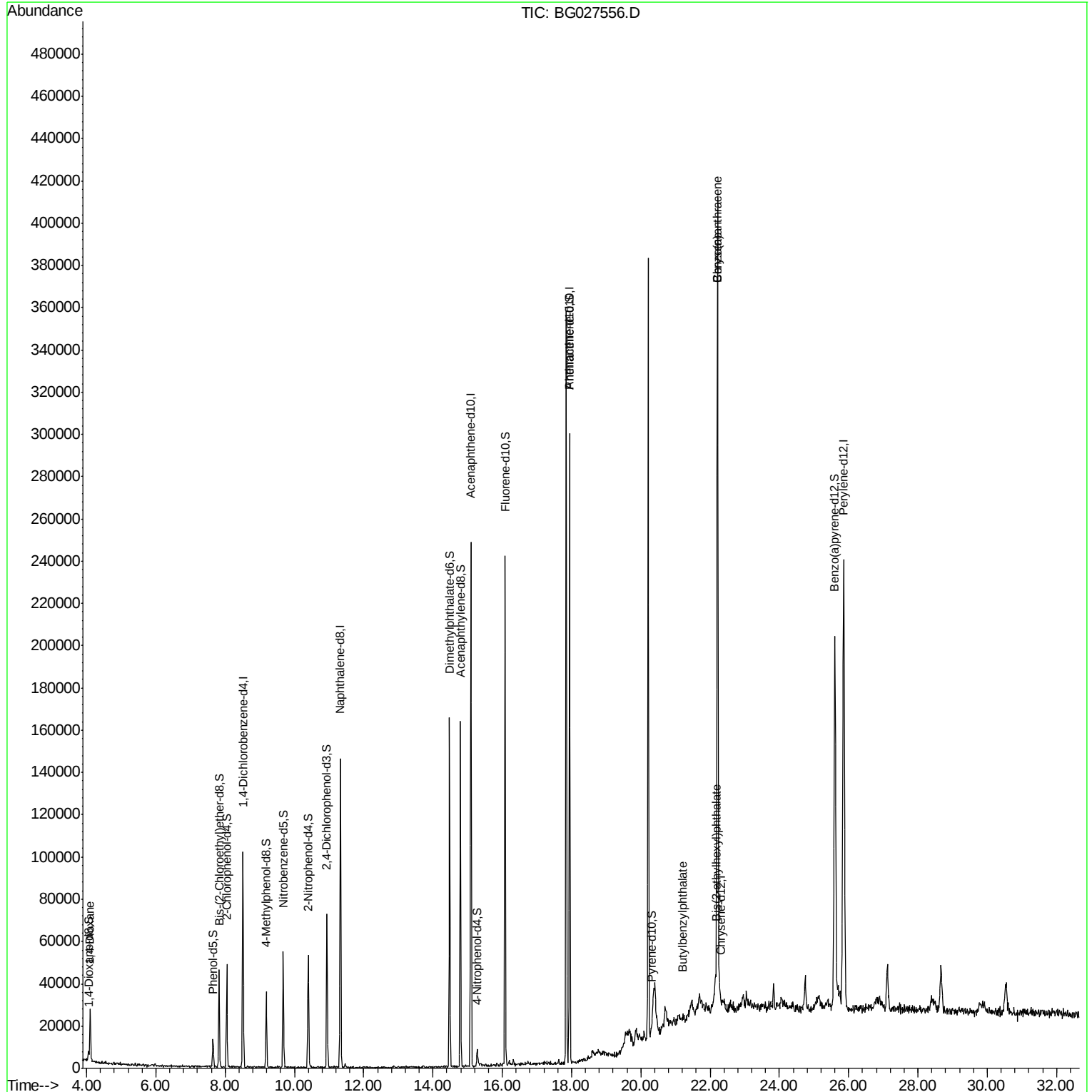
Quant Time: Jun 21 01:05:31 2017

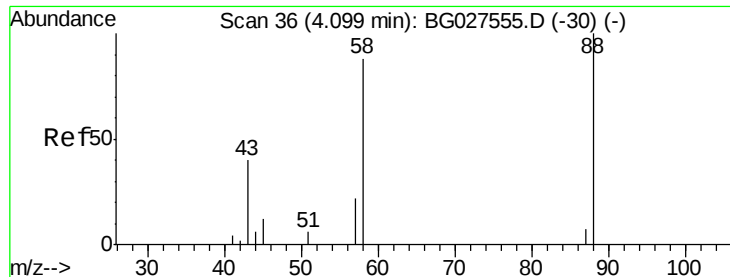
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M

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#2

1,4-Dioxane

Concen: 17.57 ng/uL

RT: 4.11 min Scan# 37

Delta R.T. 0.01 min

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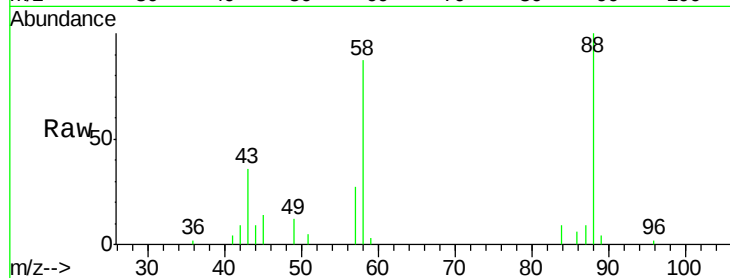
Tgt Ion: 88 Resp: 14219

Ion Ratio Lower Upper

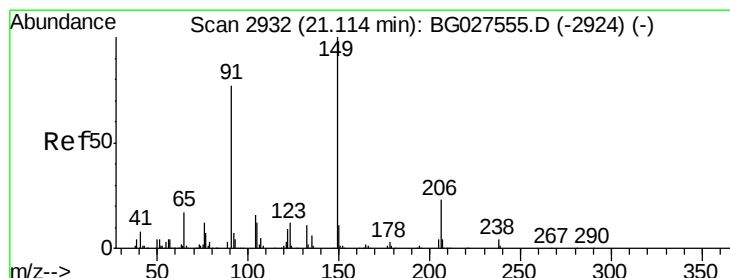
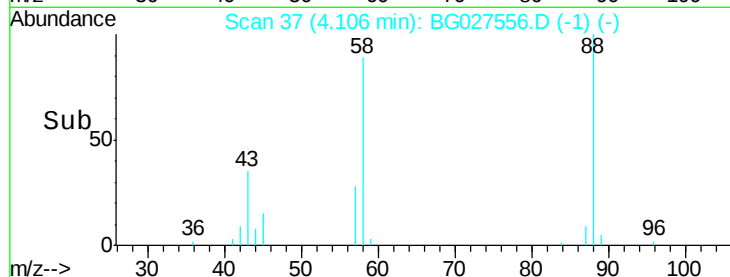
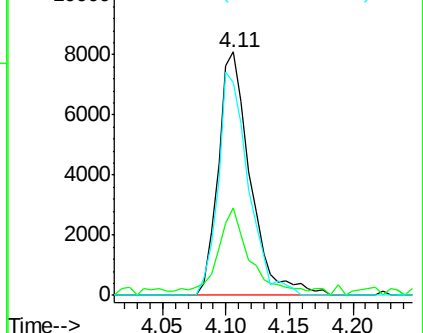
88 100

43 36.0 39.2 58.8#

58 87.3 69.4 104.0



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 43.00 (42.70 to 43.70): BGC
Ion 58.00 (57.70 to 58.70): BGC



#78

Butylbenzylphthalate

Concen: 5.79 ng/uL

RT: 21.23 min Scan# 2951

Delta R.T. 0.11 min

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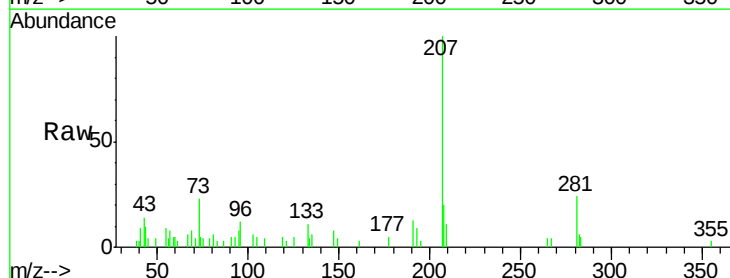
Tgt Ion: 149 Resp: 135

Ion Ratio Lower Upper

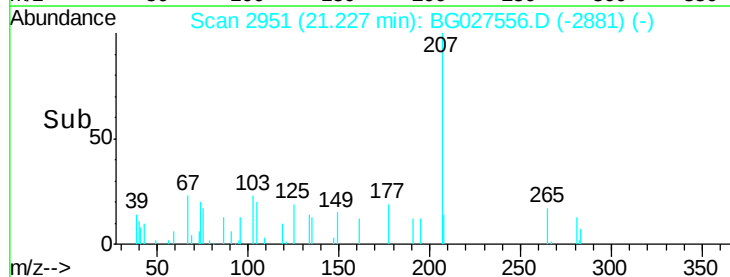
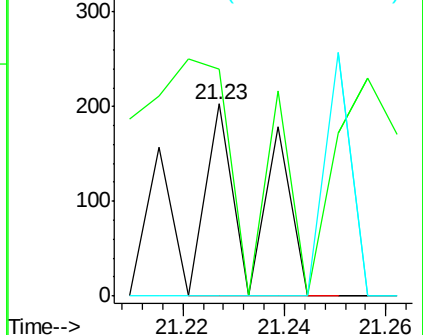
149 100

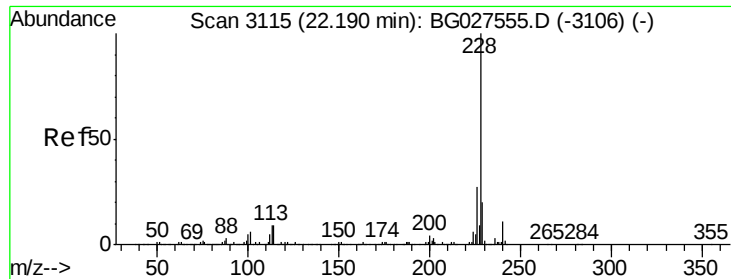
91 118.2 65.8 98.6#

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): BGC
Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 11.57 ng/ul

RT: 22.21 min Scan# 3119

Delta R.T. 0.02 min

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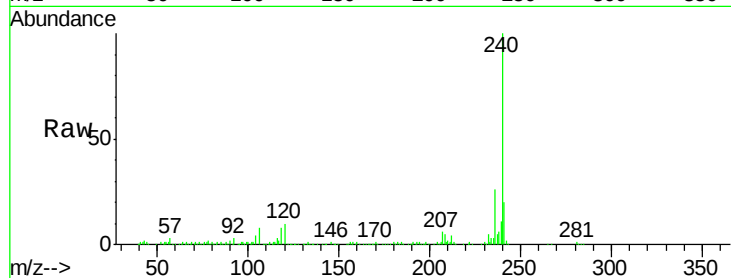
Tgt Ion: 228 Resp: 674

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

22.21

400

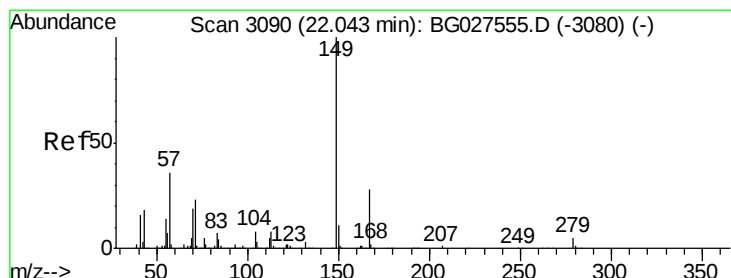
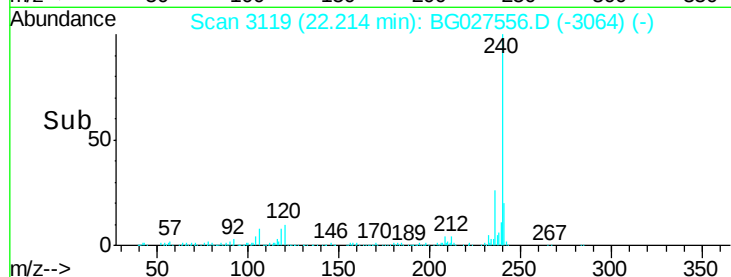
300

200

100

0

Time-->



#81

Bis(2-ethylhexyl)phthalate

Concen: 7.62 ng/ul

RT: 22.17 min Scan# 3112

Delta R.T. 0.13 min

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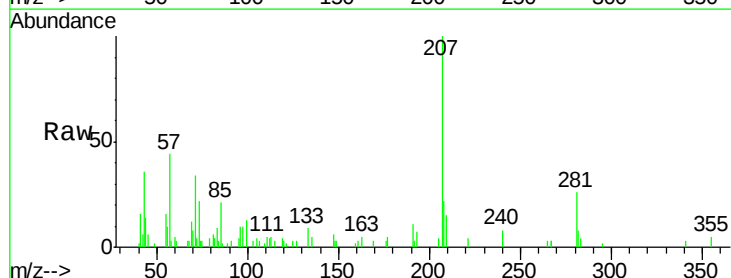
Tgt Ion: 149 Resp: 255

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

22.17

400

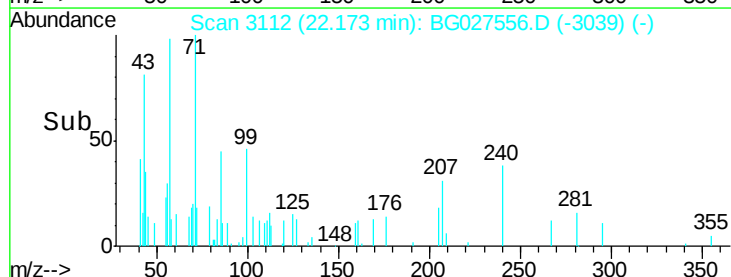
300

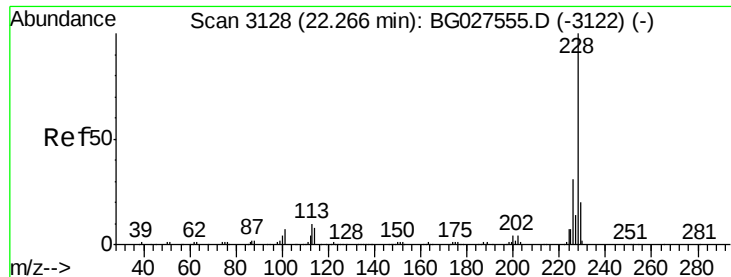
200

100

0

Time-->





#82

Chrysene

Concen: 12.81 ng/ul

RT: 22.21 min Scan# 3119

Delta R.T. -0.05 min

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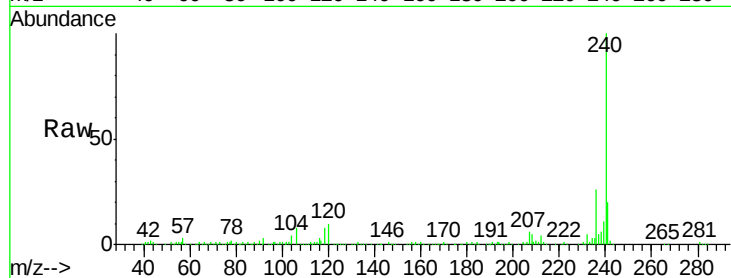
Acq: 20 Jun 2017 18:18

Instrument :

BNA_G

ClientSampleId :

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Tgt Ion:	228	Resp:	674
Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.0	36.0#
229	0.0	16.9	25.3#

