

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
 Data File : BG026842.D
 Acq On : 2 May 2017 14:11
 Operator : SJ/MA
 Sample : I2850-20
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHSZ0

Manual Integrations
 APPROVED

mohammad
 5/3/2017 12:13:20 PM

Quant Time: May 03 09:48:15 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 03 00:58:45 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	172787	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	883238	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	489171	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.36	188	894322	20.00	ng/ul	0.00
75) Chrysene-d12	21.61	240	804795	20.00	ng/ul	0.00
83) Perylene-d12	24.77	264	826653	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	18017	4.70	ng/uL	0.00
5) Phenol-d5	7.19	99	456355	29.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	276413	30.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	369317	28.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	356275	27.84	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	199105	26.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	215664	26.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	358816m	28.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	447751	26.22	ng/ul	0.00
43) Dimethylphthalate-d6	14.02	166	1127951	28.65	ng/ul	0.00
46) Acenaphthylene-d8	14.32	160	1477383	29.87	ng/ul	0.00
51) 4-Nitrophenol-d4	14.85	143	147004	20.71	ng/ul	0.00
57) Fluorene-d10	15.61	176	960296	27.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.73	200	105415	19.41	ng/ul	0.00
70) Anthracene-d10	17.46	188	1308089	30.14	ng/ul	0.00
76) Pyrene-d10	19.74	212	1251201	29.45	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.56	264	1193982	30.55	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	7.21	94	32242	2.06	ng/ul	93
44) Dimethylphthalate	14.07	163	184748	4.79	ng/ul	99
74) Fluoranthene	19.40	202	52927	1.13	ng/ul#	77
77) Pyrene	19.77	202	65320	1.21	ng/ul#	82
78) Butylbenzylphthalate	20.64	149	43054m	1.72	ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.48	149	71934	2.01	ng/ul	96
91) Benzo(a,h,i)perylene	29.52	276	51079	1.12	ng/ul#	71

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

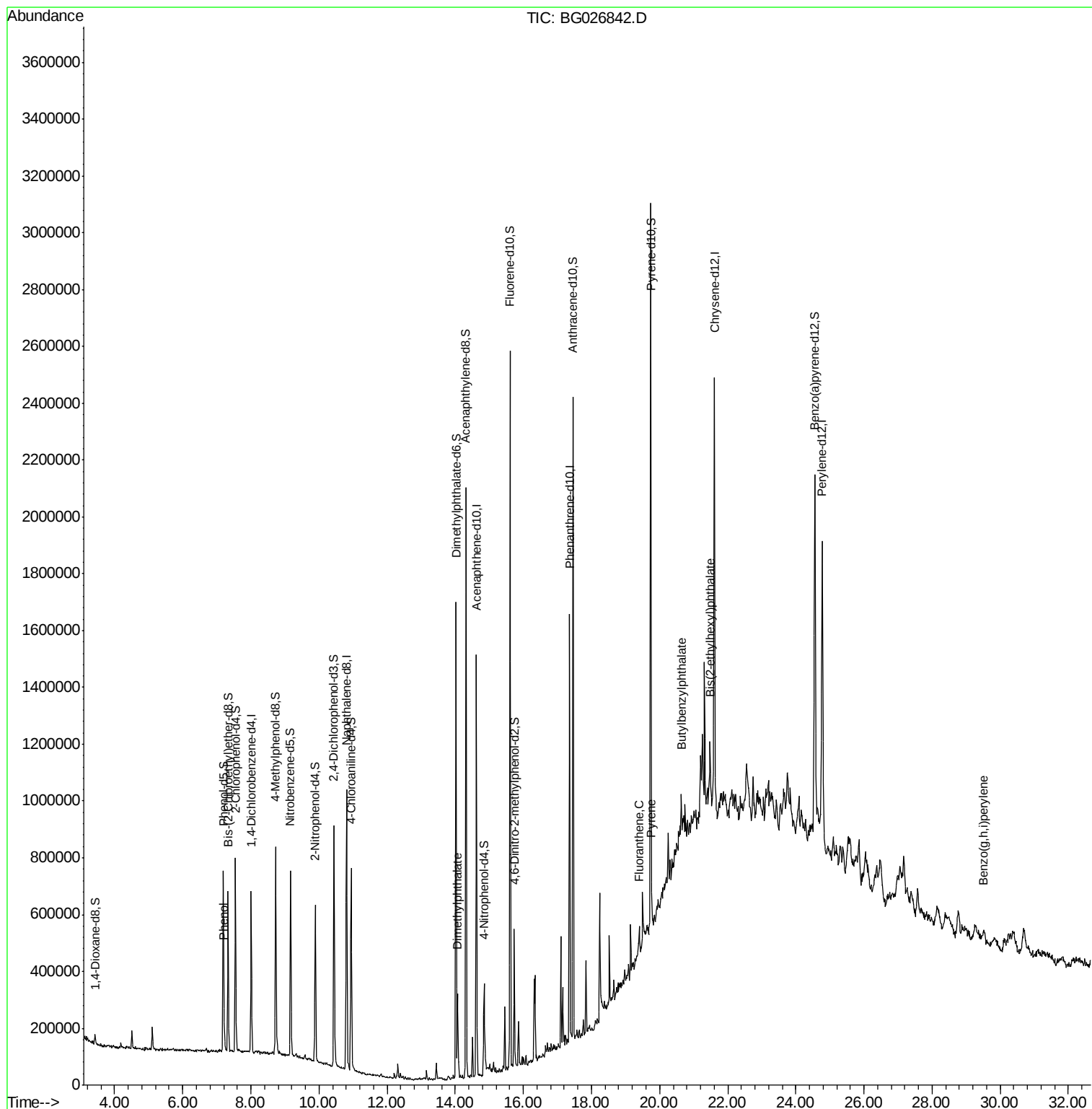
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
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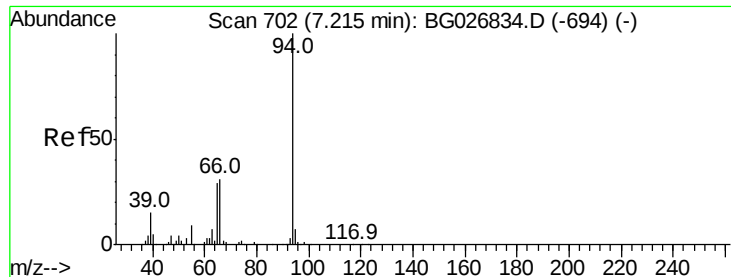
Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Wed May 03 00:58:45 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.06 ng/ul

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG026842.D

Acq: 2 May 2017 14:11

Instrument :

BNA_G

ClientSampleId :

JHSZ0

Tot Ion: 94 Resp: 32242

Ion Ratio Lower Upper

94 100

65 29.6 26.8 40.2

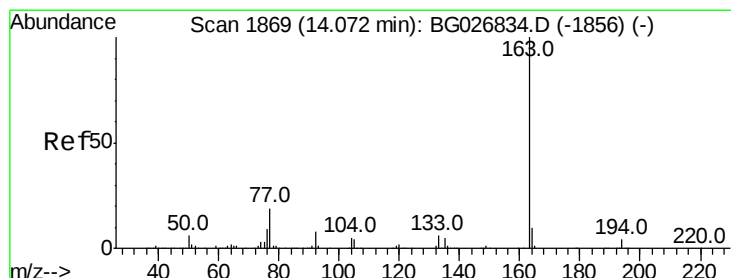
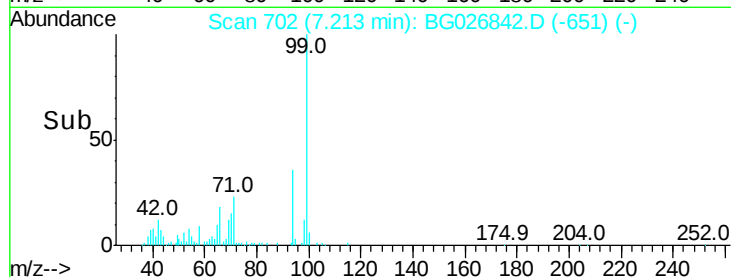
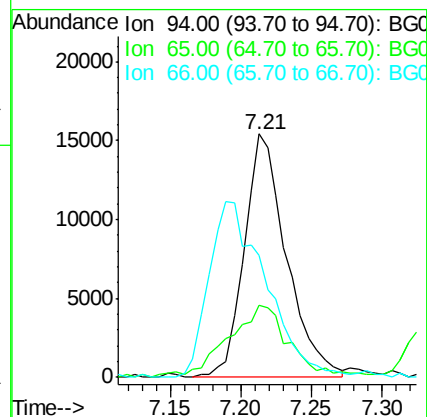
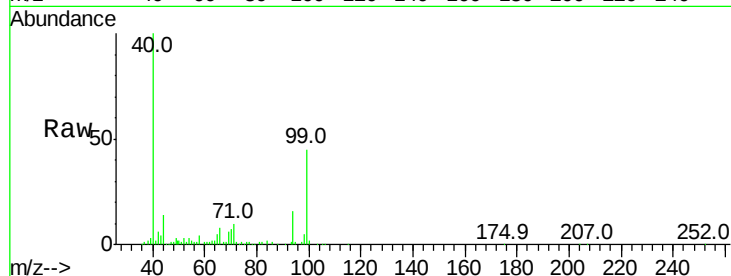
66 50.1 44.4 66.6

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#44

Dimethylphthalate

Concen: 4.79 ng/ul

RT: 14.07 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BG026842.D

Acq: 2 May 2017 14:11

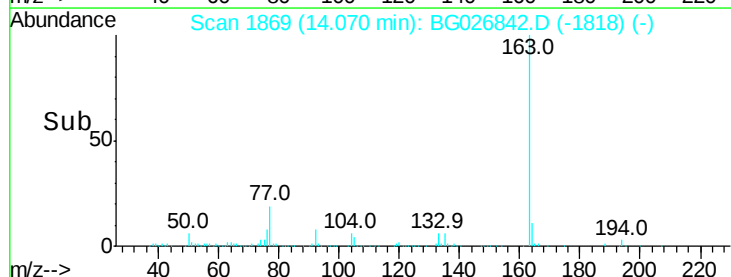
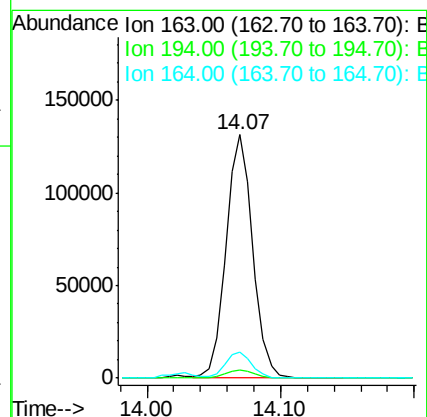
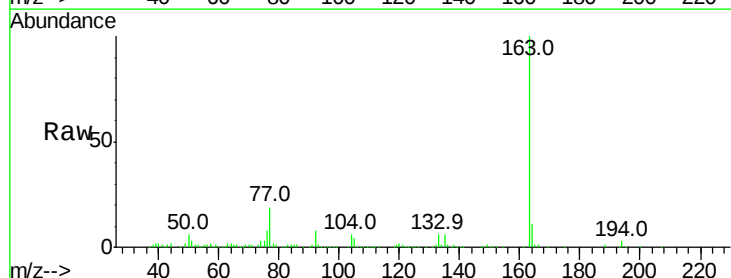
Tgt Ion:163 Resp: 184748

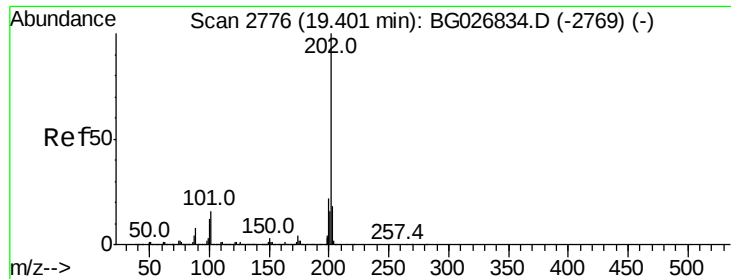
Ion Ratio Lower Upper

163 100

194 3.5 3.4 5.0

164 10.9 9.0 13.4





#74

Fluoranthene

Concen: 1.13 ng/ul

RT: 19.40 min Scan# 2777

Delta R.T. 0.00 min

Lab File: BG026842.D

Acq: 2 May 2017 14:11

Instrument :

BNA_G

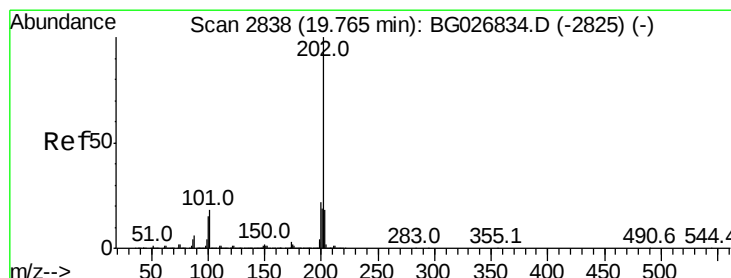
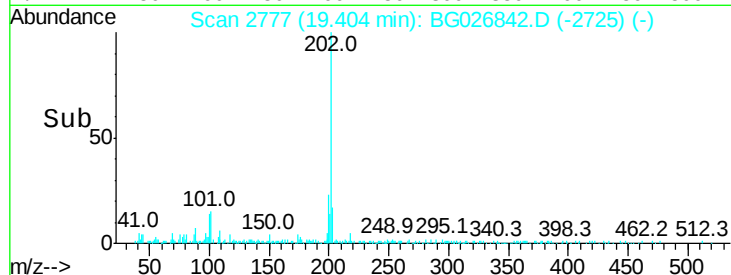
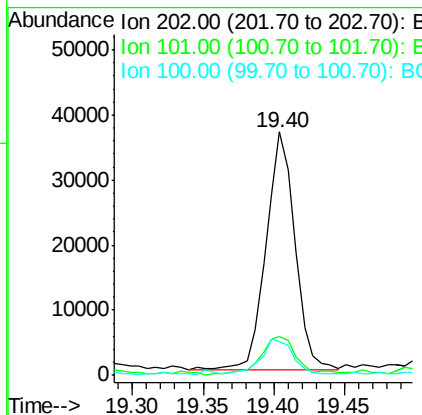
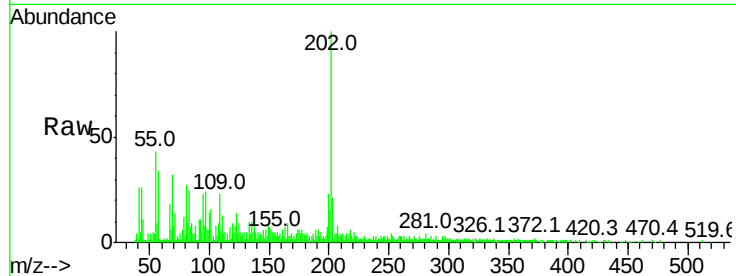
ClientSampleId :

JHSZ0

Tot Ion:	202	Resp:	52927
Ion Ratio	Lower	Upper	
202	100		
101	15.9	6.2	9.2#
100	13.9	5.2	7.8#

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#77

Pyrene

Concen: 1.21 ng/ul

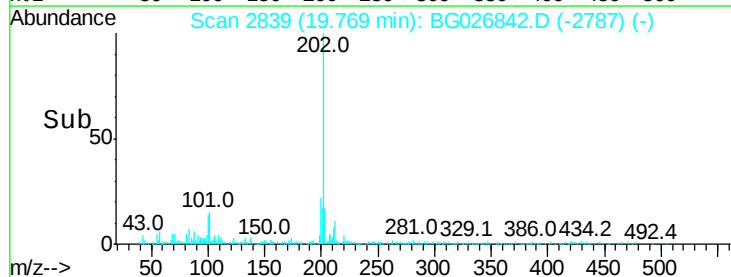
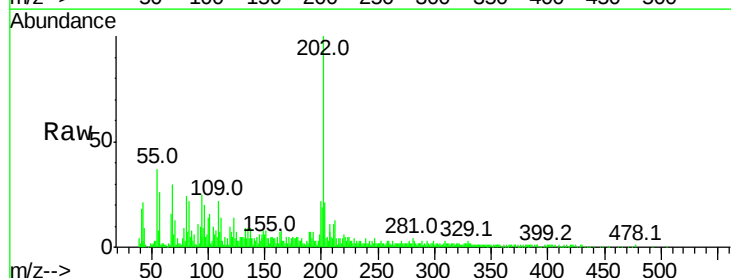
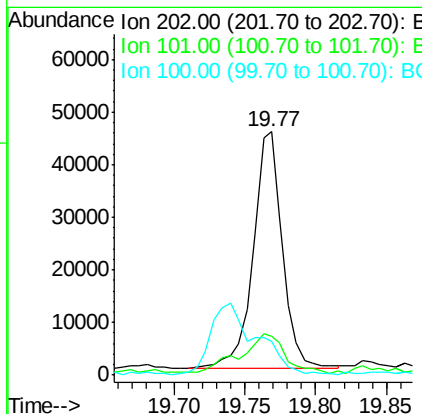
RT: 19.77 min Scan# 2839

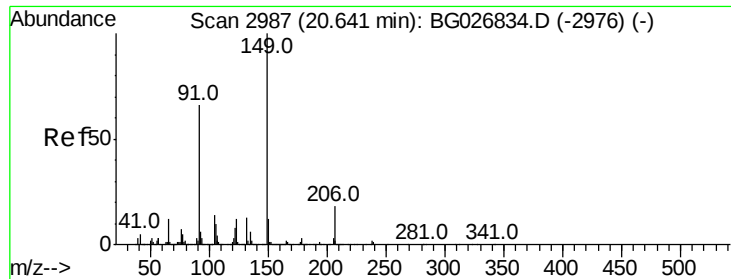
Delta R.T. 0.00 min

Lab File: BG026842.D

Acq: 2 May 2017 14:11

Tgt Ion:	202	Resp:	65320
Ion Ratio	Lower	Upper	
202	100		
101	15.9	6.9	10.3#
100	13.8	6.6	10.0#





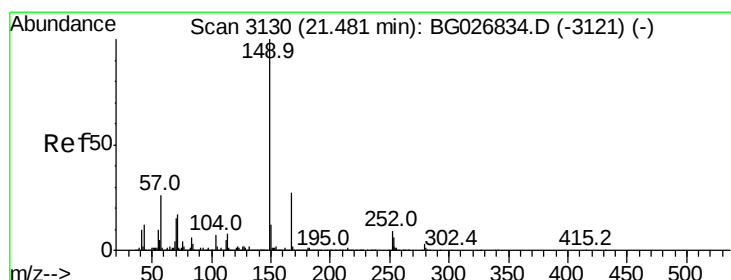
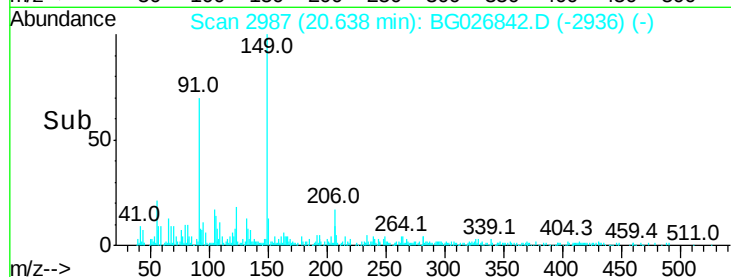
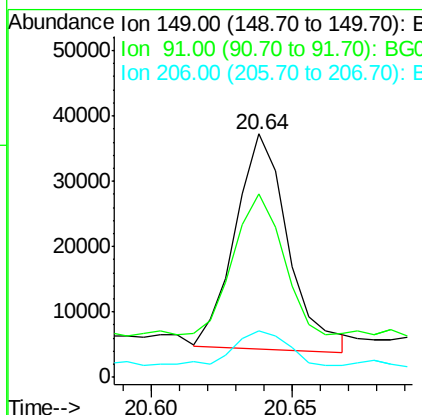
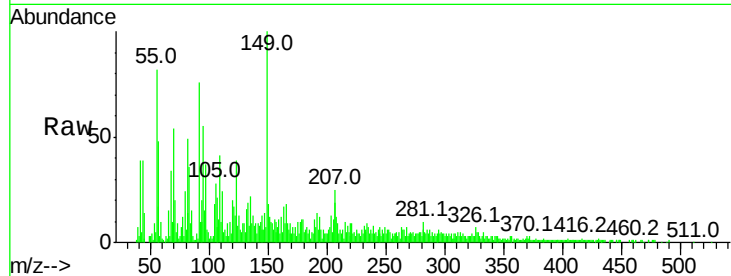
#78
 Butylbenzylphthalate
 Concen: 1.72 ng/ul m
 RT: 20.64 min Scan# 2987
 Delta R.T. -0.00 min
 Lab File: BG026842.D
 Acq: 2 May 2017 14:11

Instrument :
 BNA_G
 ClientSampleId :
 JHSZ0

Tot Ion	Ratio	Lower	Upper
149	100		
91	75.6	65.8	98.6
206	18.9	20.1	30.1

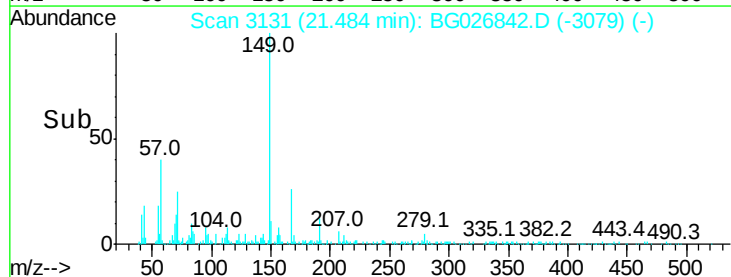
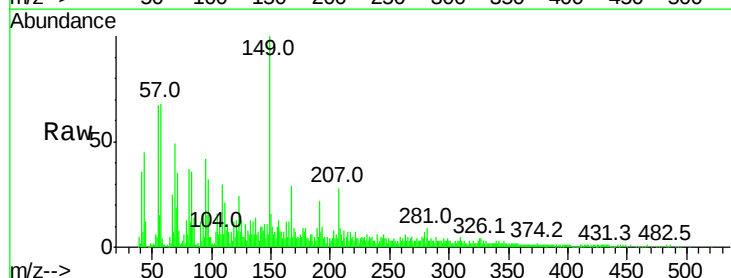
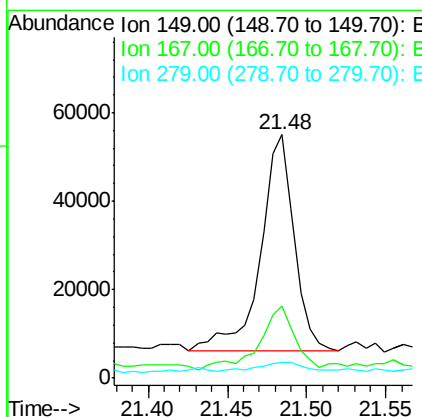
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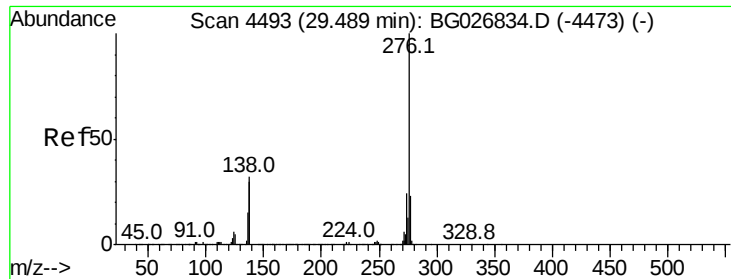
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#81
 Bis(2-ethylhexyl)phthalate
 Concen: 2.01 ng/ul
 RT: 21.48 min Scan# 3131
 Delta R.T. 0.00 min
 Lab File: BG026842.D
 Acq: 2 May 2017 14:11

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.5	21.8	32.8
279	6.7	4.5	6.7





#91
 Benzo(a,h,i)perylene
 Concen: 1.12 ng/ul
 RT: 29.52 min Scan# 4499
 Delta R.T. 0.03 min
 Lab File: BG026842.D
 Acq: 2 May 2017 14:11

Instrument :
 BNA_G
 ClientSampleId :
 JHSZ0

Tot Ion	Ratio	Lower	Upper
276	100		
138	38.9	8.6	12.8#
277	25.5	17.6	26.4

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