

Data File : BG026746.D
Acq On : 28 Apr 2017 14:30
Operator : SJ/MA
Sample : I2816-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHSP2

Quant Time: Apr 29 00:39:11 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 29 00:39:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	143841	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	716661	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	416552	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.35	188	814850	20.00	ng/ul	0.00
75) Chrysene-d12	21.60	240	742949	20.00	ng/ul	0.00
83) Perylene-d12	24.76	264	771867	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.43	96	14645	4.59	ng/uL	0.00
5) Phenol-d5	7.19	99	341935	26.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	197283	26.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	279834	25.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	294917	27.68	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	152497	25.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	169124	25.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	268834	25.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	374676	27.04	ng/ul	0.00
43) Dimethylphthalate-d6	14.02	166	874789	26.09	ng/ul	0.00
46) Acenaphthylene-d8	14.32	160	1141022	27.09	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	123560	20.45	ng/ul	0.00
57) Fluorene-d10	15.61	176	778728	26.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.73	200	102675	20.75	ng/ul	0.00
70) Anthracene-d10	17.45	188	1094758	27.68	ng/ul	0.00
76) Pyrene-d10	19.73	212	1059403	27.02	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.54	264	1019998	27.95	ng/ul	0.00

Target Compounds					Qvalue
44) Dimethylphthalate	14.07	163	161704	4.93 ng/ul	98
74) Fluoranthene	19.40	202	261710	6.14 ng/ul#	83
77) Pyrene	19.76	202	271996	5.46 ng/ul#	82
80) Benzo(a)anthracene	21.58	228	65498	1.51 ng/ul	97
82) Chrysene	21.64	228	72534	1.80 ng/ul	95

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

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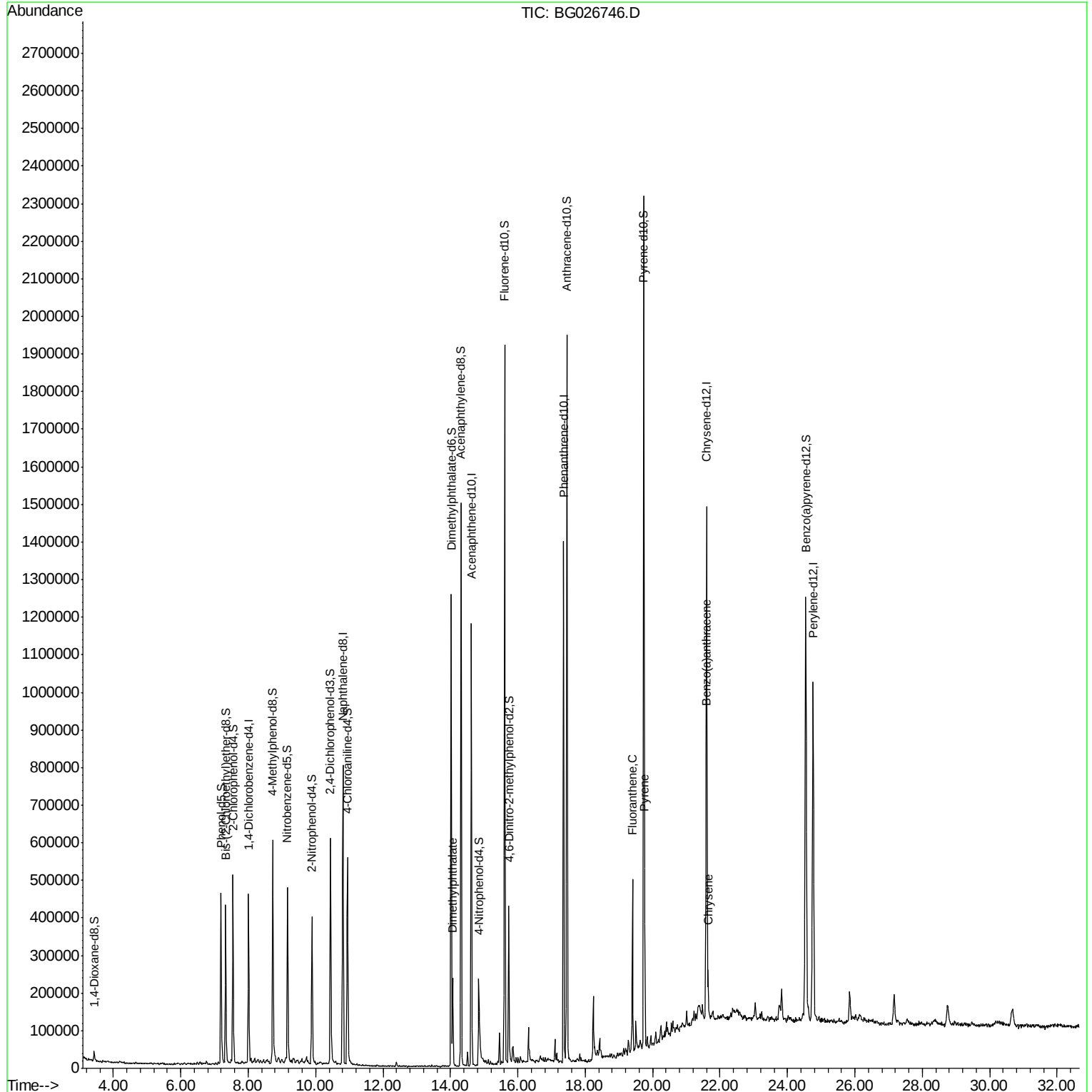
Quant Time: Apr 29 00:39:11 2017

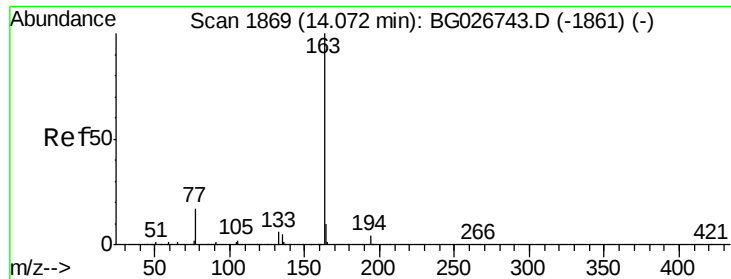
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M

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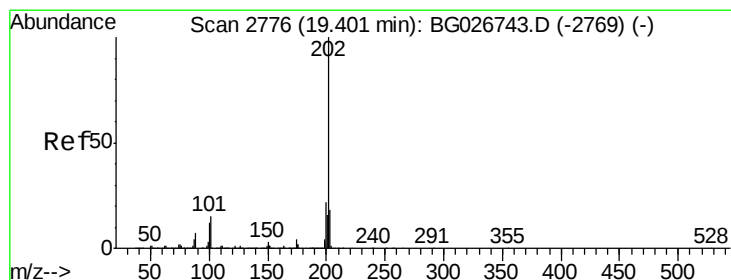
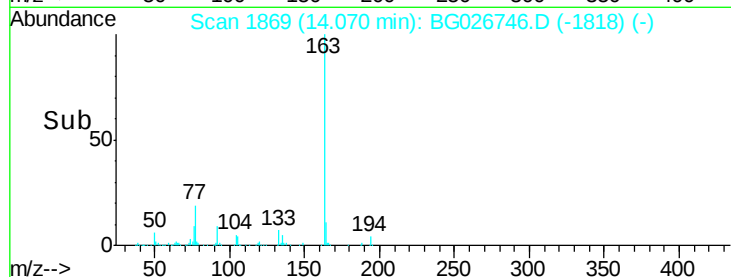
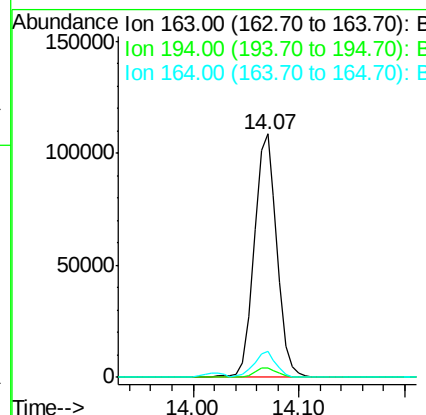
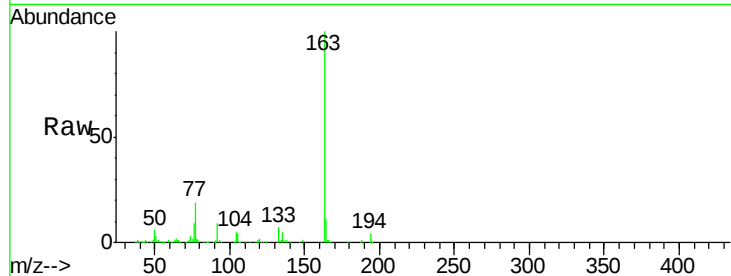




#44
Dimethylphthalate
Concen: 4.93 ng/ul
RT: 14.07 min Scan# 1869
Delta R.T. -0.00 min
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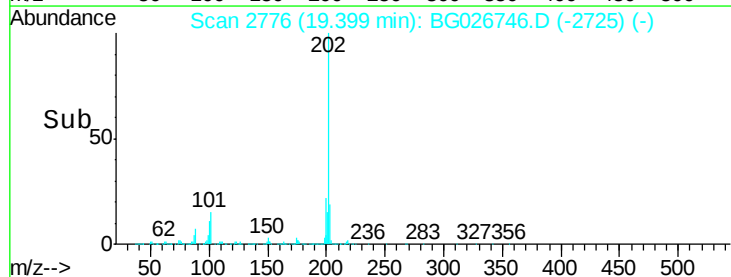
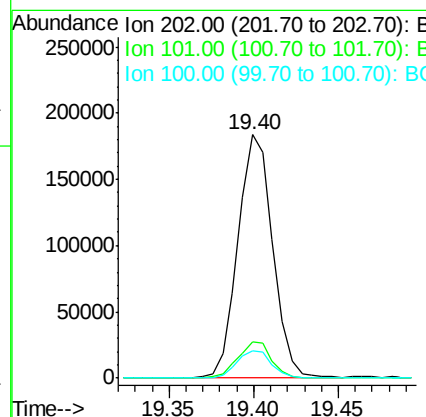
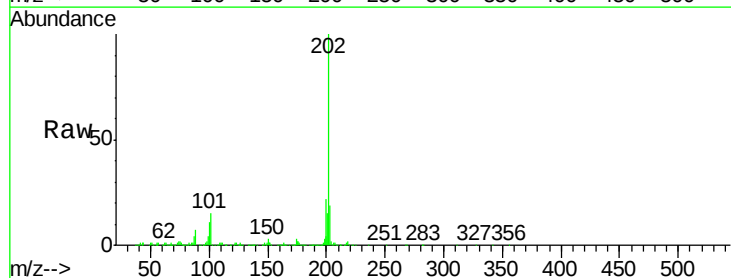
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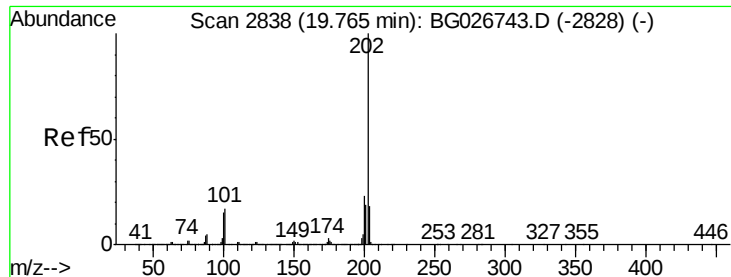
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	10.5	9.0	13.4



#74
Fluoranthene
Concen: 6.14 ng/ul
RT: 19.40 min Scan# 2776
Delta R.T. -0.00 min
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.6	6.2	9.2#
100	11.4	5.2	7.8#





#77

Pyrene

Concen: 5.46 ng/ul

RT: 19.76 min Scan# 2838

Delta R.T. -0.00 min

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Instrument :

BNA_G

ClientSampleId :

JHSP2

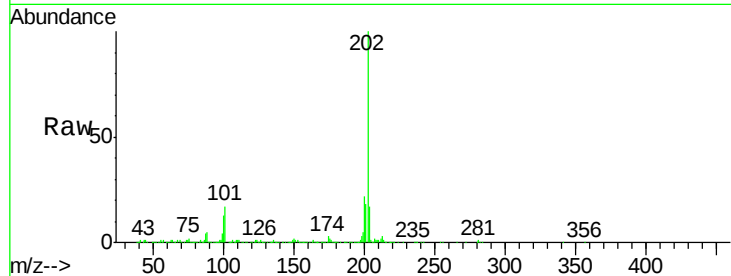
Tgt Ion:202 Resp: 271996

Ion Ratio Lower Upper

202 100

101 16.7 6.9 10.3#

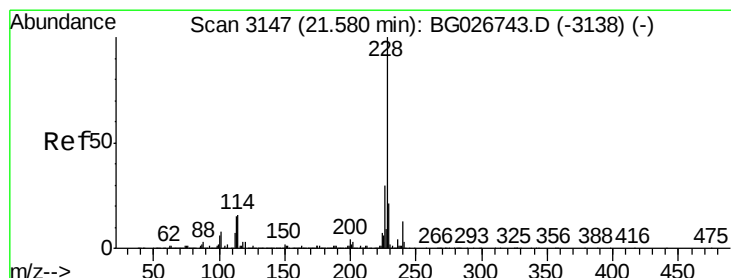
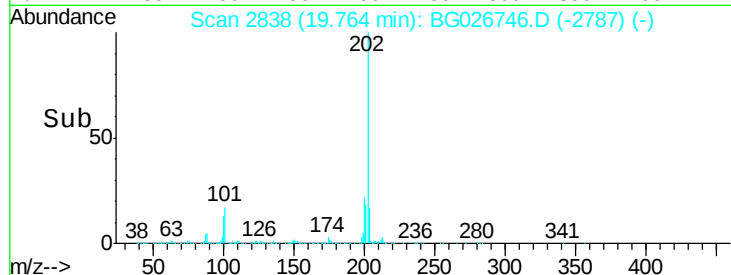
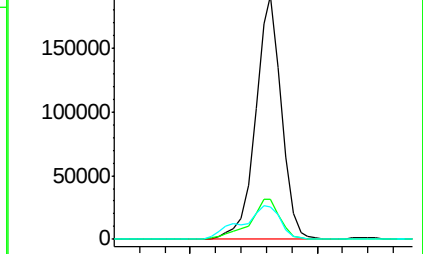
100 13.3 6.6 10.0#



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



#80

Benzo(a)anthracene

Concen: 1.51 ng/ul

RT: 21.58 min Scan# 3147

Delta R.T. -0.00 min

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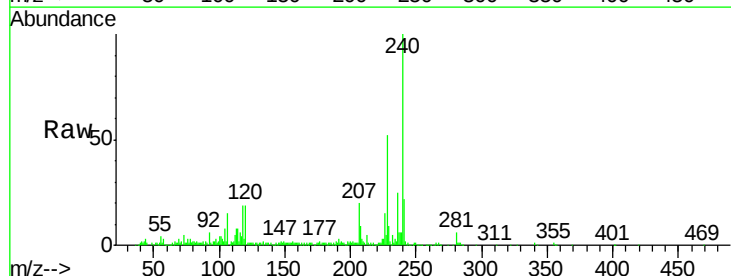
Tgt Ion:228 Resp: 65498

Ion Ratio Lower Upper

228 100

229 18.2 16.3 24.5

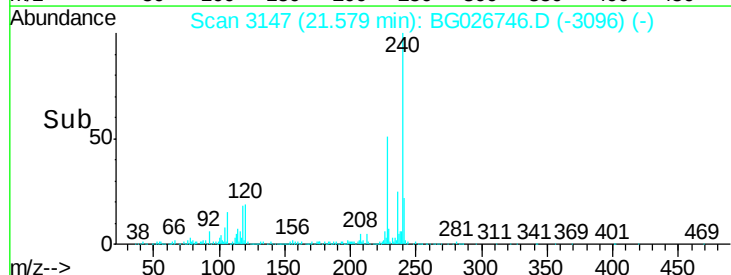
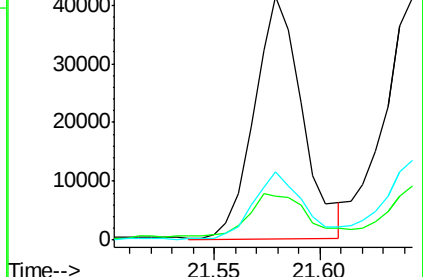
226 28.3 21.9 32.9

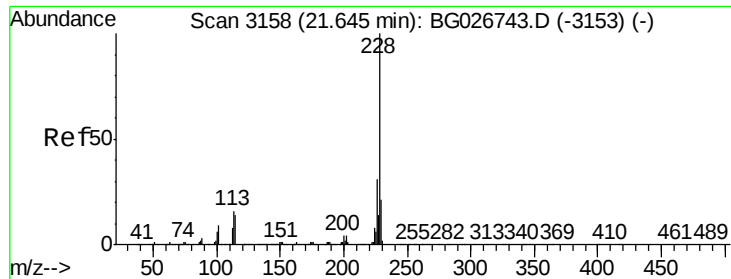


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 1.80 ng/ul

RT: 21.64 min Scan# 3158

Delta R.T. -0.00 min

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Tgt Ion: 228 Resp: 72534

Ion Ratio Lower Upper

228 100

226 33.1 24.0 36.0

229 22.5 16.9 25.3

