

Data Path : Z:\HPCHEM1\BNA_G\Data\BG020217\
 Data File : BG025755.D
 Acq On : 2 Feb 2017 12:39
 Operator : SJ/MA
 Sample : I1449-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 H0FG1

Quant Time: Feb 02 15:28:23 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 02 14:22:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	84706	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	370768	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	290361	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	619690	20.00	ng/ul	0.00
75) Chrysene-d12	21.83	240	700060	20.00	ng/ul	0.00
83) Perylene-d12	25.21	264	725372	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	5156	3.05	ng/uL	0.00
5) Phenol-d5	7.34	99	106894	14.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	80596	17.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	78288	15.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	94668	15.34	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	41293	15.71	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	45598	14.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.63	165	78602	12.71	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	77411	11.19	ng/ul	0.01
43) Dimethylphthalate-d6	14.19	166	311583	15.20	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	371745	16.78	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	118	0.04	ng/ul	-0.02
57) Fluorene-d10	15.79	176	292299	15.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.95	200	34561	9.04	ng/ul	0.01
70) Anthracene-d10	17.64	188	434689	16.47	ng/ul	0.00
76) Pyrene-d10	19.92	212	524271	18.00	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.98	264	480240	15.75	ng/ul	0.00

Target Compounds

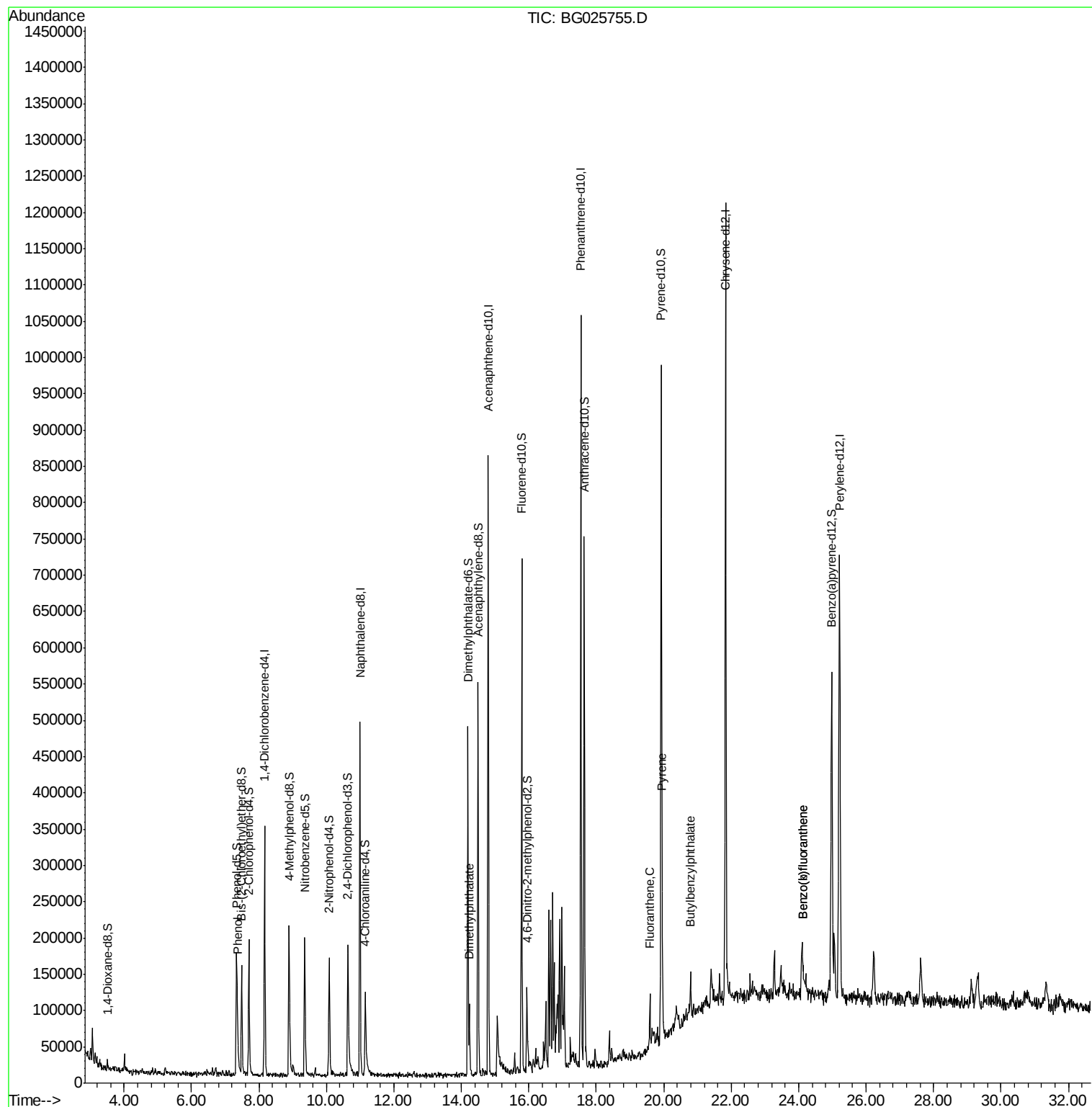
						Qvalue
6) Phenol	7.36	94	27734	3.64	ng/ul#	82
44) Dimethylphthalate	14.24	163	53835	2.67	ng/ul#	98
74) Fluoranthene	19.59	202	44434	1.25	ng/ul#	90
77) Pyrene	19.95	202	40403	1.17	ng/ul#	80
78) Butylbenzylphthalate	20.79	149	15519	1.16	ng/ul	95
85) Benzo(b)fluoranthene	24.14	252	51095	1.36	ng/ul	97
86) Benzo(k)fluoranthene	24.14	252	51095	1.45	ng/ul	98

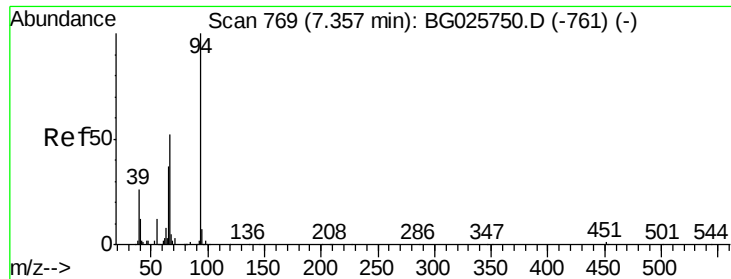
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.64 ng/ul

RT: 7.36 min Scan# 770

Delta R.T. 0.01 min

Lab File: BG025755.D

Acq: 2 Feb 2017 12:39

Instrument :

BNA_G

ClientSampled :

H0FG1

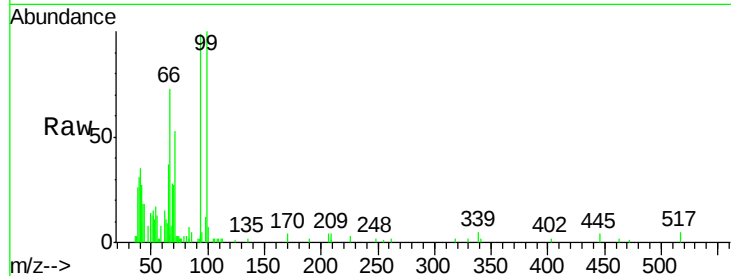
Tgt Ion: 94 Resp: 27734

Ion Ratio Lower Upper

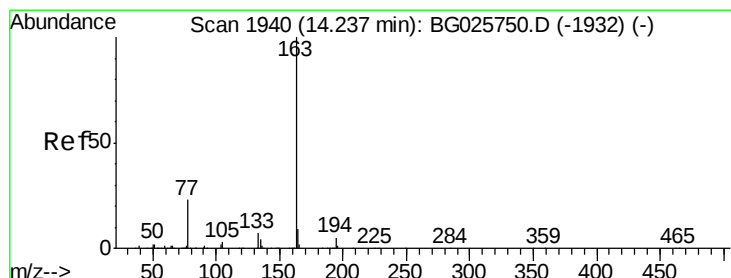
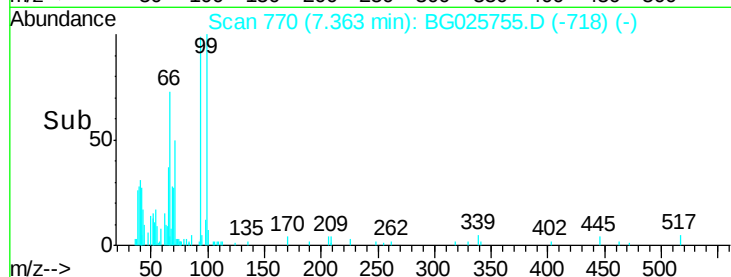
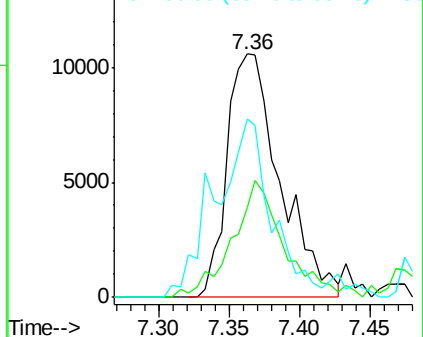
94 100

65 37.2 26.8 40.2

66 73.2 44.4 66.6#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#44

Dimethylphthalate

Concen: 2.67 ng/ul

RT: 14.24 min Scan# 1941

Delta R.T. 0.01 min

Lab File: BG025755.D

Acq: 2 Feb 2017 12:39

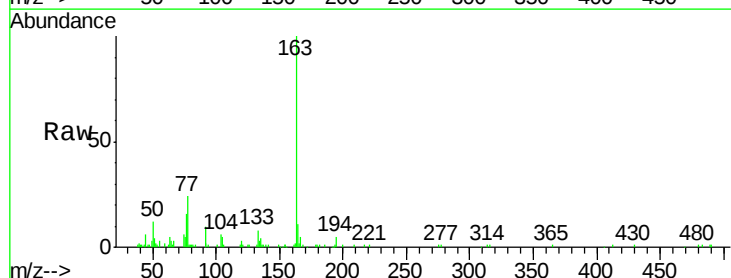
Tgt Ion: 163 Resp: 53835

Ion Ratio Lower Upper

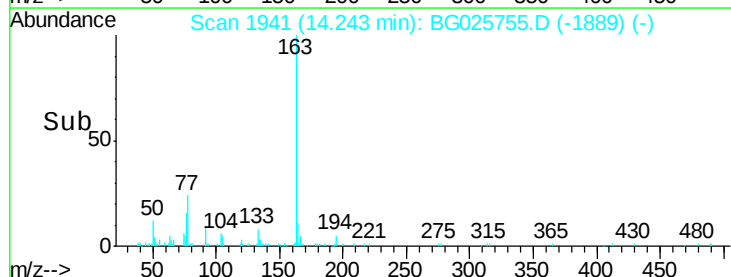
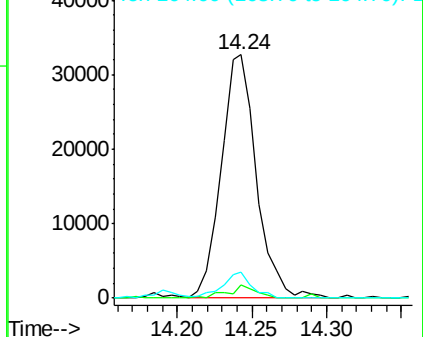
163 100

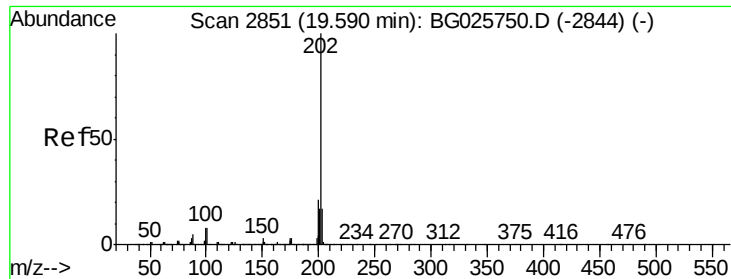
194 5.4 3.4 5.0#

164 10.8 9.0 13.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#74

Fluoranthene

Concen: 1.25 ng/ul

RT: 19.59 min Scan# 2851

Delta R.T. -0.00 min

Lab File: BG025755.D

Acq: 2 Feb 2017 12:39

Instrument :

BNA_G

ClientSampleId :

H0FG1

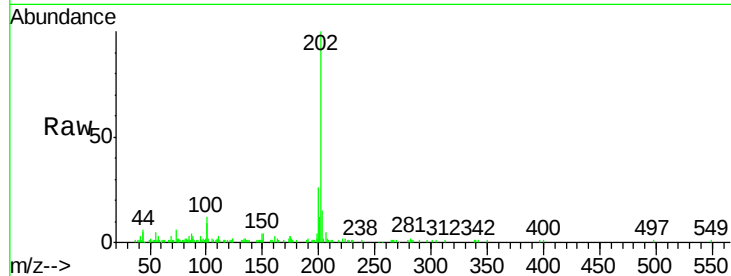
Tgt Ion:202 Resp: 44434

Ion Ratio Lower Upper

202 100

101 9.1 6.2 9.2

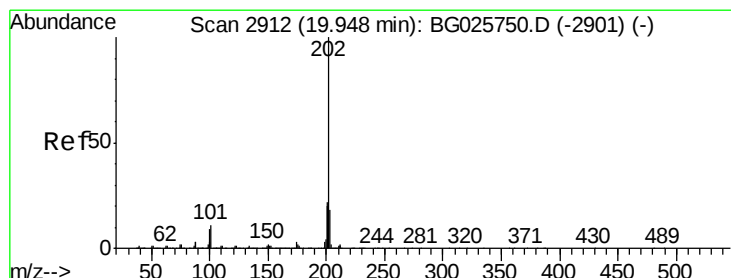
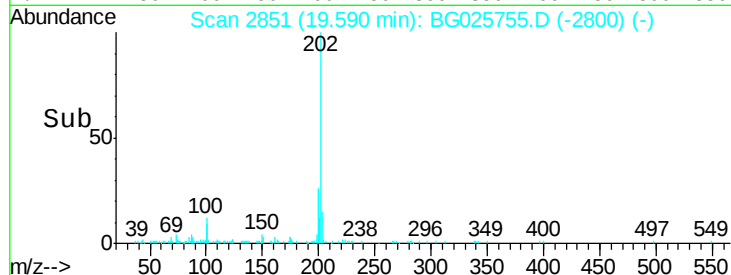
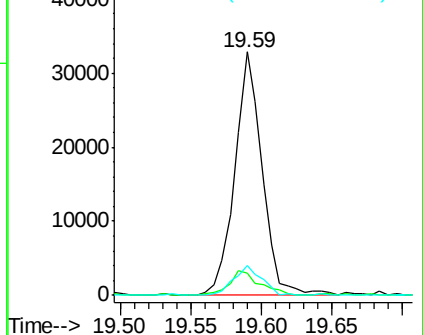
100 12.1 5.2 7.8#



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): B



#77

Pyrene

Concen: 1.17 ng/ul

RT: 19.95 min Scan# 2913

Delta R.T. 0.01 min

Lab File: BG025755.D

Acq: 2 Feb 2017 12:39

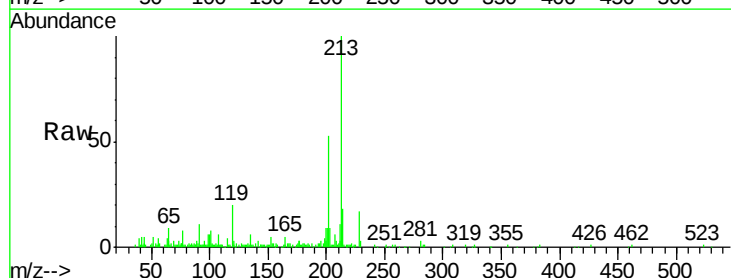
Tgt Ion:202 Resp: 40403

Ion Ratio Lower Upper

202 100

101 19.0 6.9 10.3#

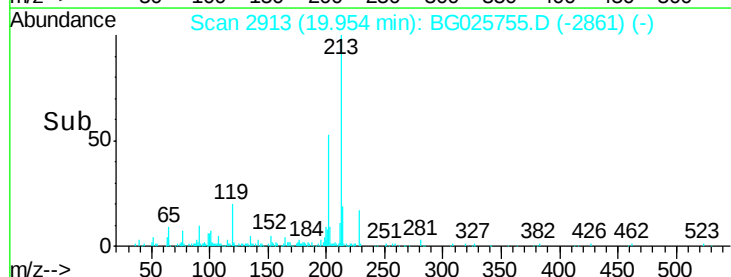
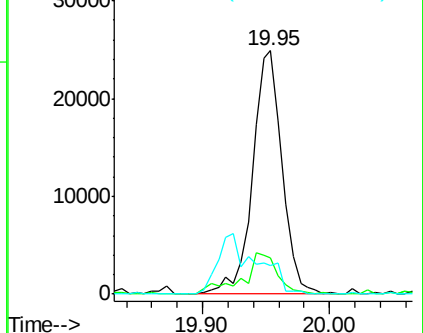
100 11.8 6.6 10.0#

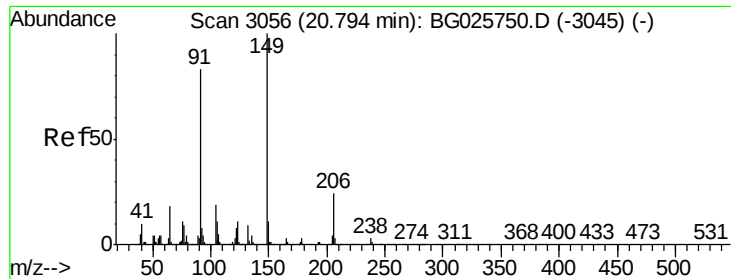


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#78

Butylbenzylphthalate

Concen: 1.16 ng/ul

RT: 20.79 min Scan# 3056

Delta R.T. -0.00 min

Lab File: BG025755.D

Acq: 2 Feb 2017 12:39

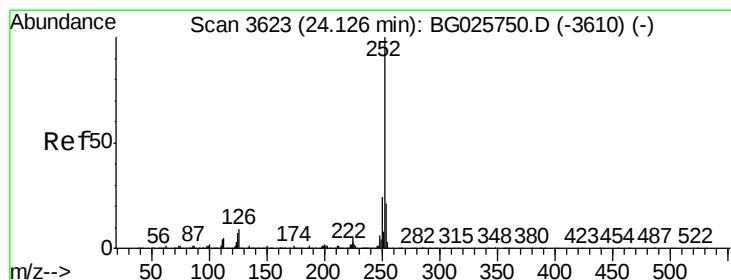
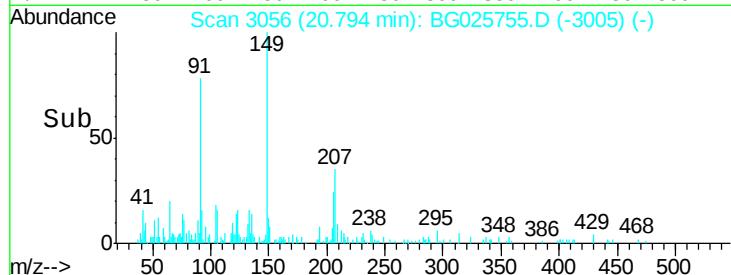
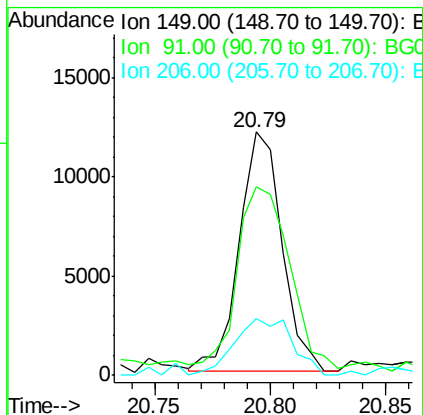
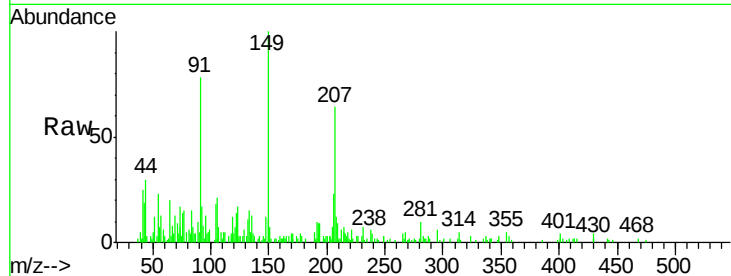
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Tgt Ion:	149	Resp:	15519
Ion	Ratio	Lower	Upper
149	100		
91	77.6	65.8	98.6
206	23.4	20.1	30.1



#85

Benzo(b)fluoranthene

Concen: 1.36 ng/ul

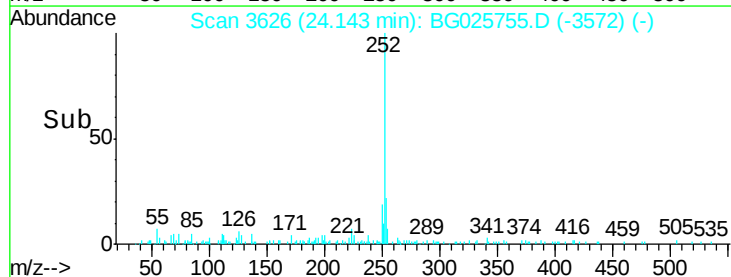
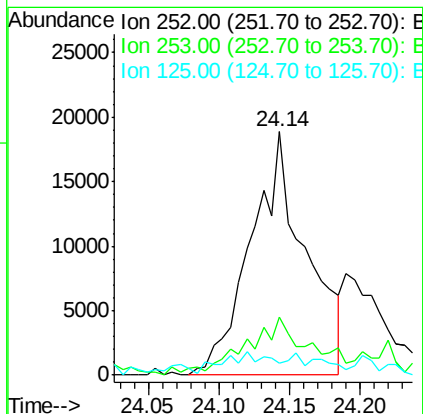
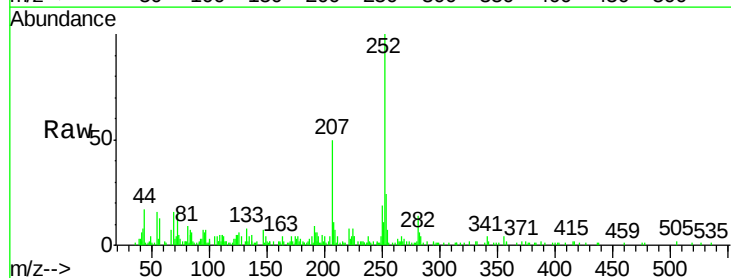
RT: 24.14 min Scan# 3626

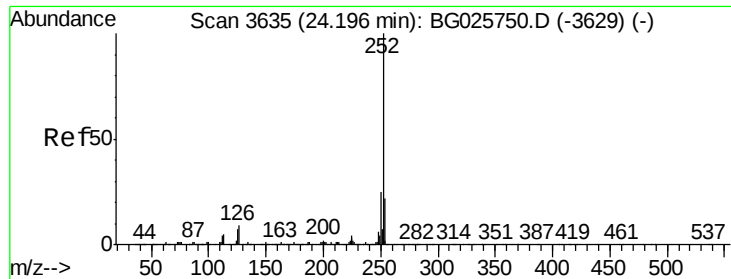
Delta R.T. 0.02 min

Lab File: BG025755.D

Acq: 2 Feb 2017 12:39

Tgt Ion:	252	Resp:	51095
Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.7	26.5
125	4.7	4.0	6.0





#86
 Benzo(k)fluoranthene
 Concen: 1.45 ng/ul
 RT: 24.14 min Scan# 3626
 Delta R.T. -0.05 min
 Lab File: BG025755.D
 Acq: 2 Feb 2017 12:39

Instrument :
 BNA_G
 ClientSampleId :
 H0FG1

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.5	27.7
125	4.7	4.1	6.1

