

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121616\
 Data File : BG025264.D
 Acq On : 17 Dec 2016 7:46
 Operator : UM/SJ
 Sample : H5995-02DL 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA863DL

Quant Time: Dec 18 00:42:33 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 18 00:39:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	67016	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	268214	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	198830	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	436887	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	541178	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	552031	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	335	0.26	ng/uL	0.00
5) Phenol-d5	7.40	99	6950	1.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	5911	1.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	6118	1.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	5995	1.24	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	2993	1.58	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	3380	1.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	6651	1.46	ng/ul	0.01
29) 4-Chloroaniline-d4	11.23	131	803	0.18	ng/ul	0.02
43) Dimethylphthalate-d6	14.25	166	22877	1.67	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	25674	1.71	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	105	0.04	ng/ul	-0.02
57) Fluorene-d10	15.84	176	21822	1.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	1844	0.68	ng/ul	0.00
70) Anthracene-d10	17.70	188	34781	1.89	ng/ul	0.00
76) Pyrene-d10	19.97	212	40029	1.80	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	39995	1.79	ng/ul	-0.02

Target Compounds

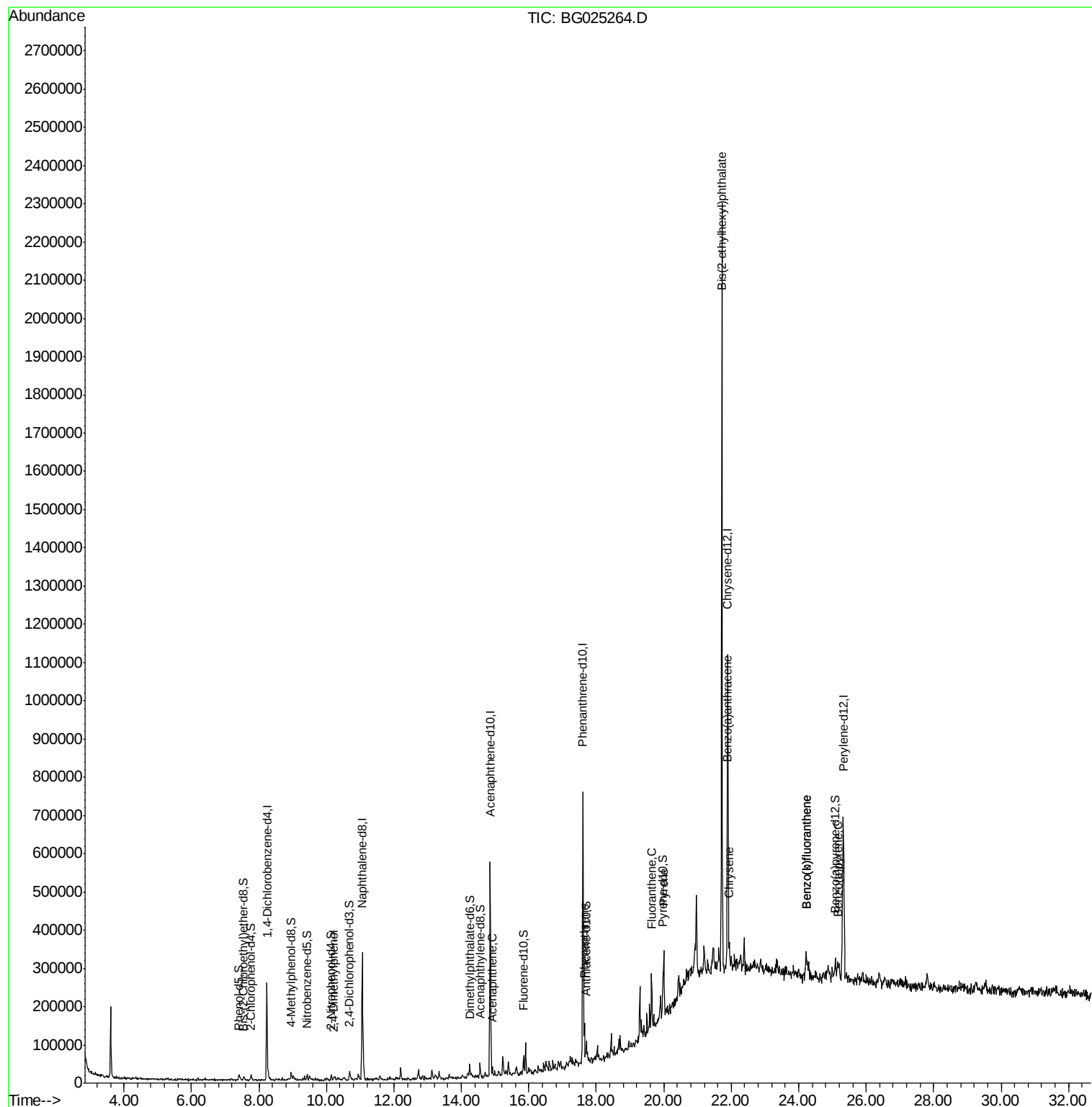
						Qvalue
24) 2,4-Dimethylphenol	10.23	107	6098	1.11	ng/ul#	80
49) Acenaphthene	14.92	153	10145	1.02	ng/ul#	74
69) Phenanthrene	17.65	178	70103	3.36	ng/ul	95
74) Fluoranthene	19.64	202	96240	3.88	ng/ul	99
77) Pyrene	20.00	202	84901	3.26	ng/ul#	96
80) Benzo(a)anthracene	21.88	228	53488	1.90	ng/ul#	89
81) Bis(2-ethylhexyl)phthalate	21.72	149	738339	52.67	ng/ul	96
82) Chrysene	21.95	228	45836	1.74	ng/ul#	93
85) Benzo(b)fluoranthene	24.23	252	59043	2.16	ng/ul	99
86) Benzo(k)fluoranthene	24.23	252	27215	1.05	ng/ul	98
88) Benzo(a)pyrene	25.16	252	51322	1.95	ng/ul	95

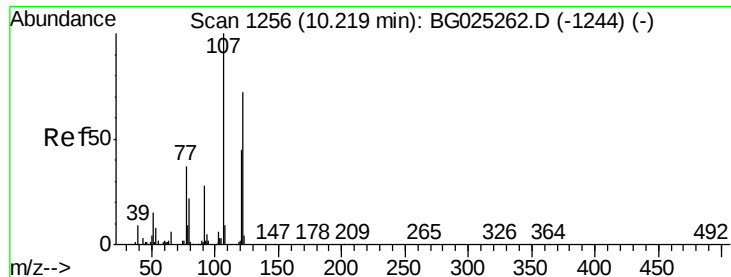
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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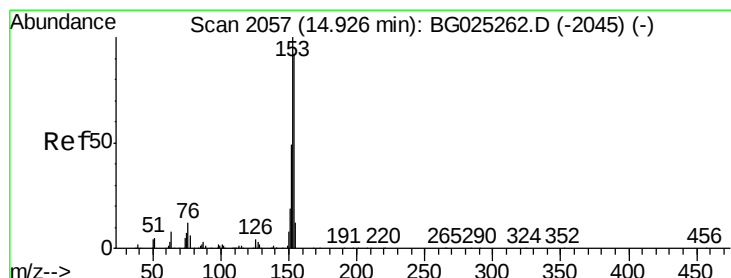
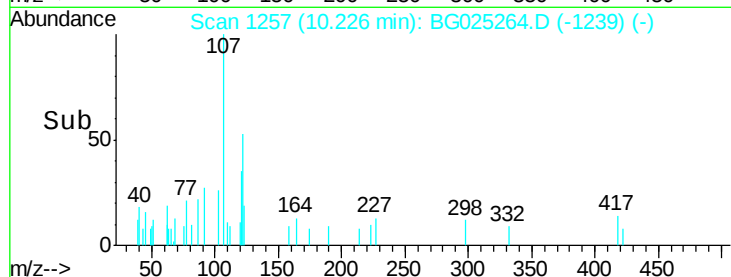
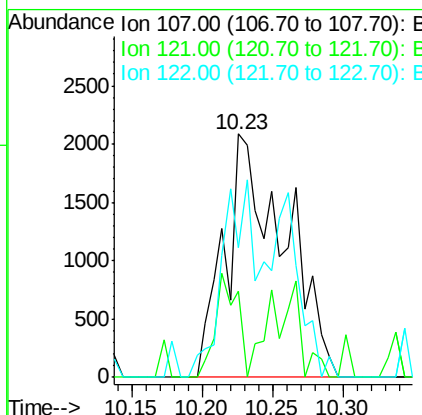
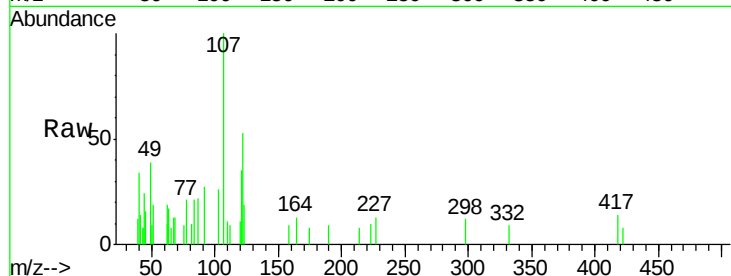




#24
 2,4-Dimethylphenol
 Concen: 1.11 ng/ul
 RT: 10.23 min Scan# 1257
 Delta R.T. 0.01 min
 Lab File: BG025264.D
 Acq: 17 Dec 2016 7:46

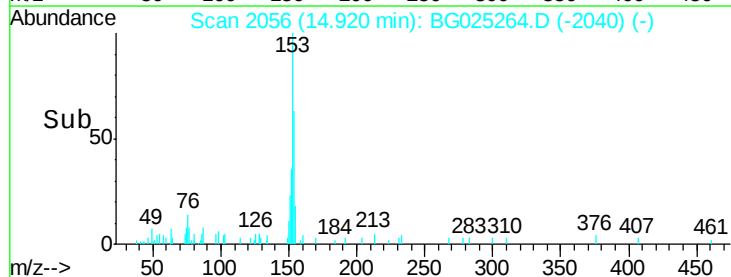
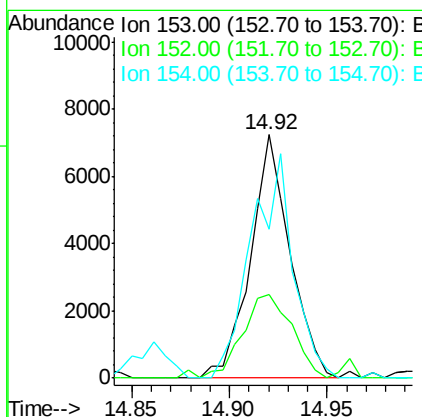
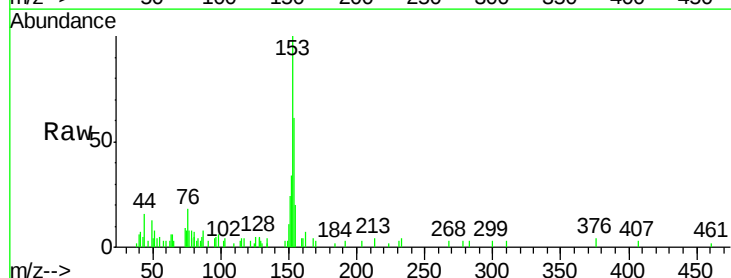
Instrument :
 BNA_G
 ClientSampleID :
 DA863DL

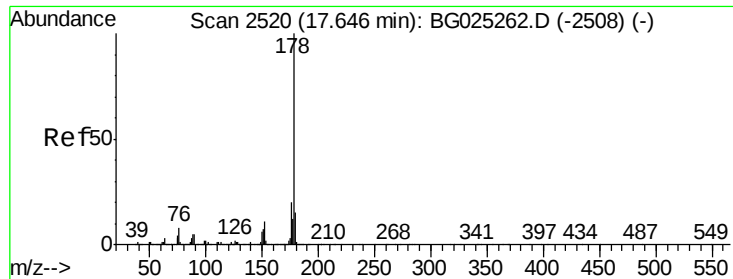
Tgt Ion:107 Resp: 6098
 Ion Ratio Lower Upper
 107 100
 121 35.4 32.3 48.5
 122 53.4 61.2 91.8#



#49
 Acenaphthene
 Concen: 1.02 ng/ul
 RT: 14.92 min Scan# 2056
 Delta R.T. -0.01 min
 Lab File: BG025264.D
 Acq: 17 Dec 2016 7:46

Tgt Ion:153 Resp: 10145
 Ion Ratio Lower Upper
 153 100
 152 34.4 36.5 54.7#
 154 61.0 72.3 108.5#





#69

Phenanthrene

Concen: 3.36 ng/ul

RT: 17.65 min Scan# 2520

Delta R.T. 0.00 min

Lab File: BG025264.D

Acq: 17 Dec 2016 7:46

Instrument :

BNA_G

ClientSampleId :

DA863DL

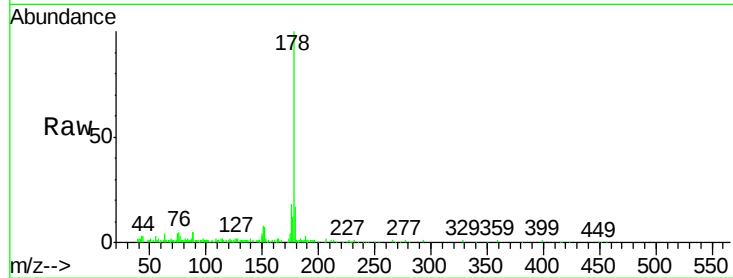
Tgt Ion:178 Resp: 70103

Ion Ratio Lower Upper

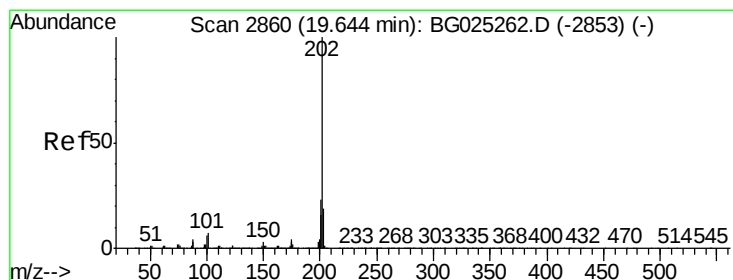
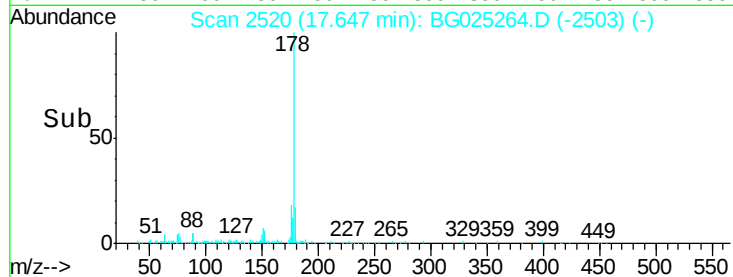
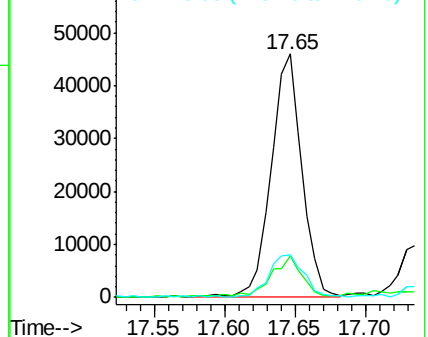
178 100

179 17.1 12.4 18.6

176 17.5 16.5 24.7



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#74

Fluoranthene

Concen: 3.88 ng/ul

RT: 19.64 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG025264.D

Acq: 17 Dec 2016 7:46

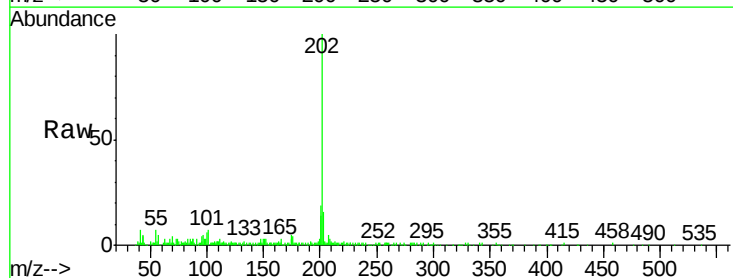
Tgt Ion:202 Resp: 96240

Ion Ratio Lower Upper

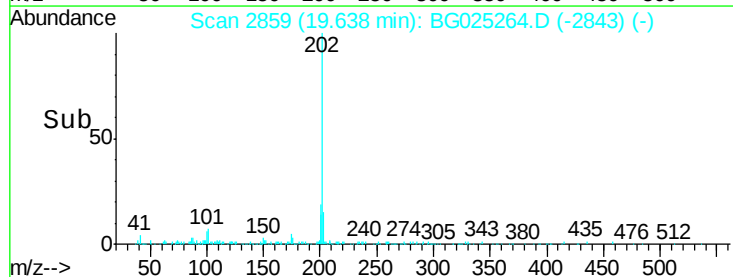
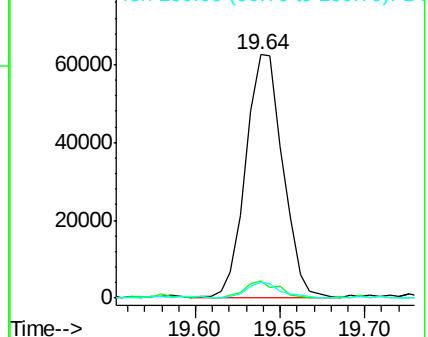
202 100

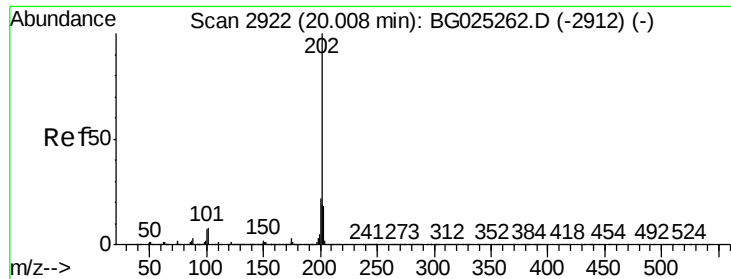
101 7.3 6.2 9.2

100 6.3 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: 3.26 ng/ul

RT: 20.00 min Scan# 2921

Delta R.T. -0.01 min

Lab File: BG025264.D

Acq: 17 Dec 2016 7:46

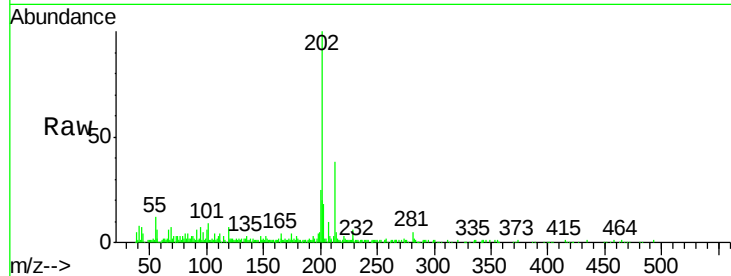
Instrument :

BNA_G

ClientSampleId :

DA863DL

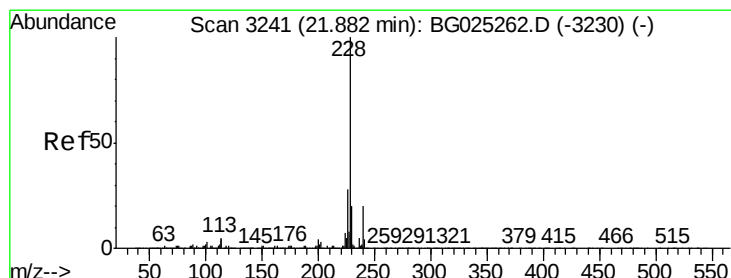
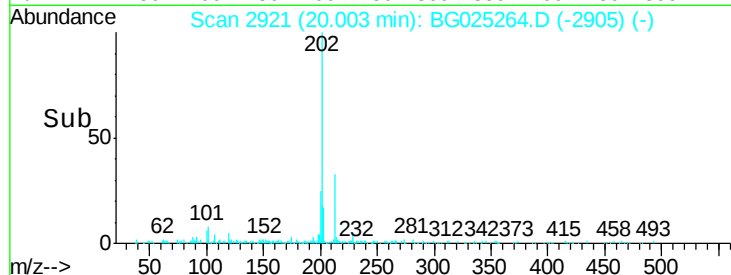
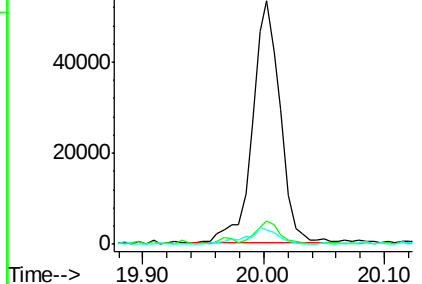
Tgt Ion:	202	Resp:	84901
Ion	Ratio	Lower	Upper
202	100		
101	9.4	6.9	10.3
100	5.9	6.6	10.0#



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: 1.90 ng/ul

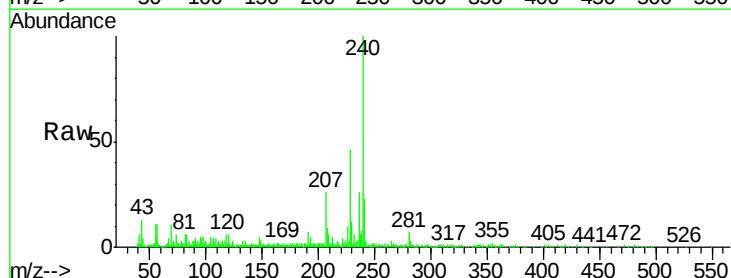
RT: 21.88 min Scan# 3240

Delta R.T. -0.01 min

Lab File: BG025264.D

Acq: 17 Dec 2016 7:46

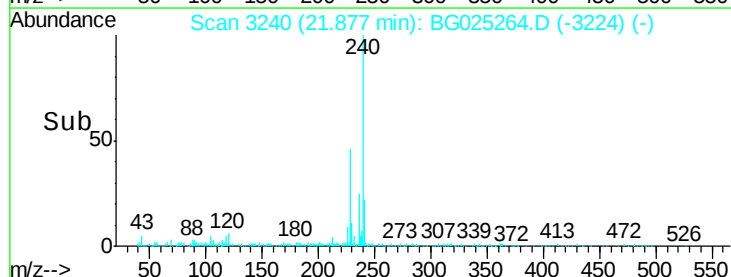
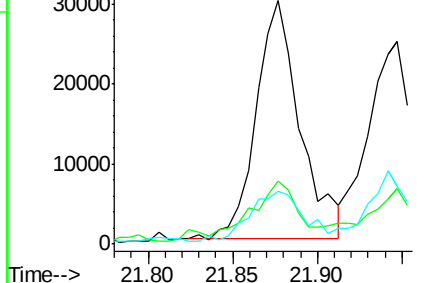
Tgt Ion:	228	Resp:	53488
Ion	Ratio	Lower	Upper
228	100		
229	26.1	16.3	24.5#
226	21.8	21.9	32.9#

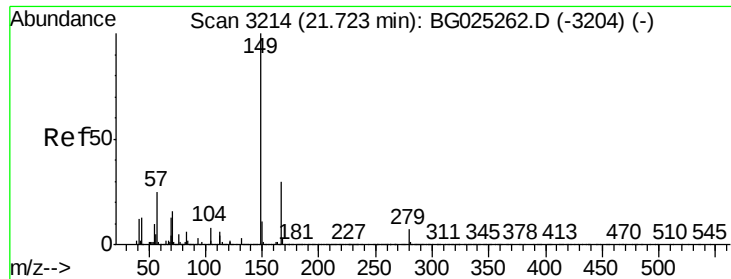


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

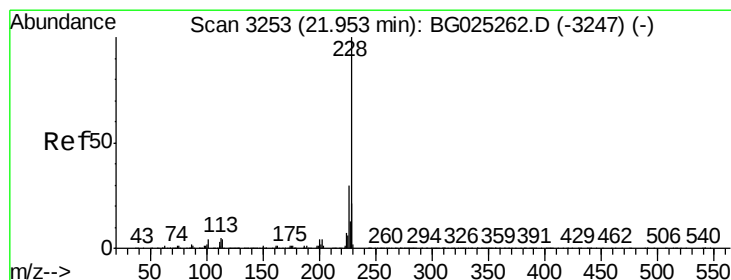
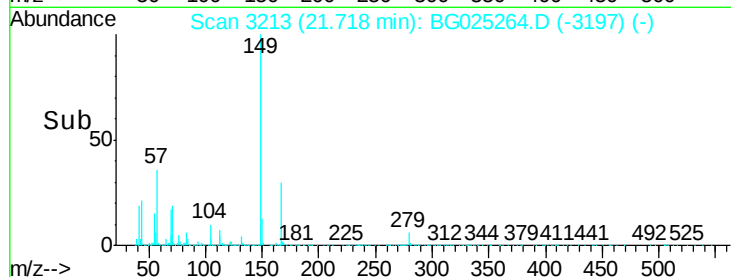
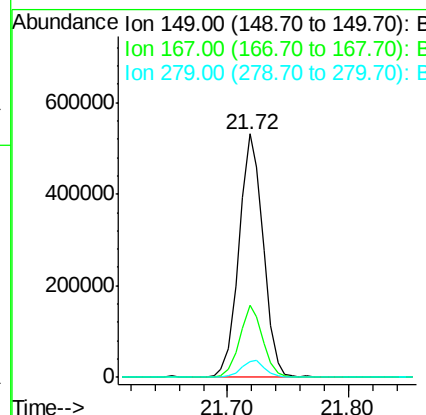
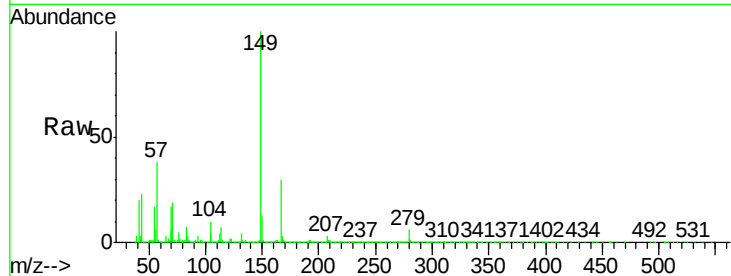




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 52.67 ng/ul
 RT: 21.72 min Scan# 3213
 Delta R.T. -0.01 min
 Lab File: BG025264.D
 Acq: 17 Dec 2016 7:46

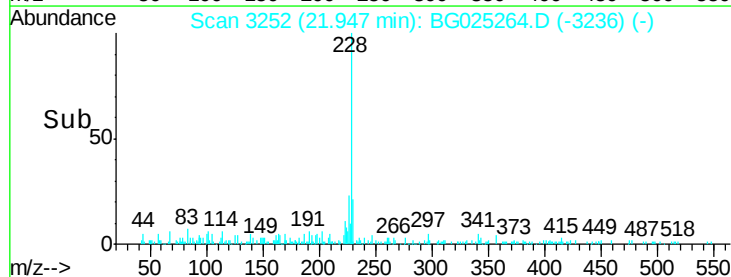
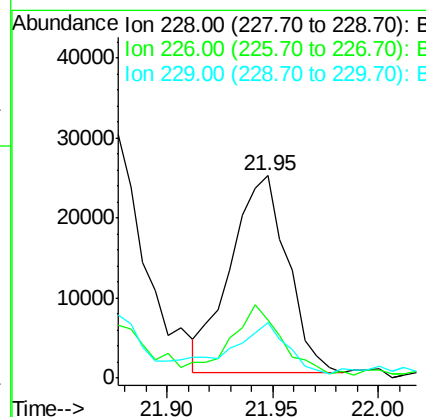
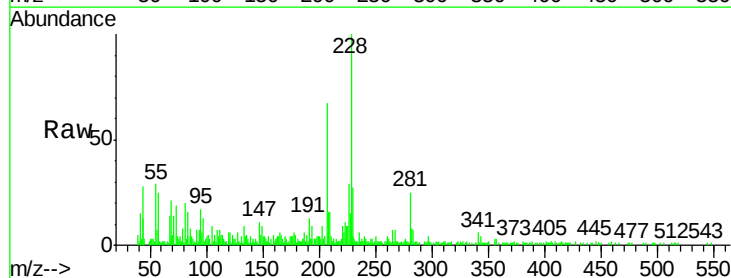
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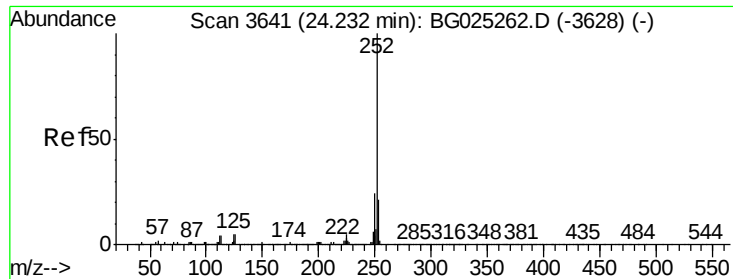
Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.8	21.8	32.8
279	6.5	4.5	6.7



#82
 Chrysene
 Concen: 1.74 ng/ul
 RT: 21.95 min Scan# 3252
 Delta R.T. -0.01 min
 Lab File: BG025264.D
 Acq: 17 Dec 2016 7:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.0	36.0
229	27.5	16.9	25.3





#85

Benzo(b)fluoranthene

Concen: 2.16 ng/ul

RT: 24.23 min Scan# 3640

Delta R.T. -0.01 min

Lab File: BG025264.D

Acq: 17 Dec 2016 7:46

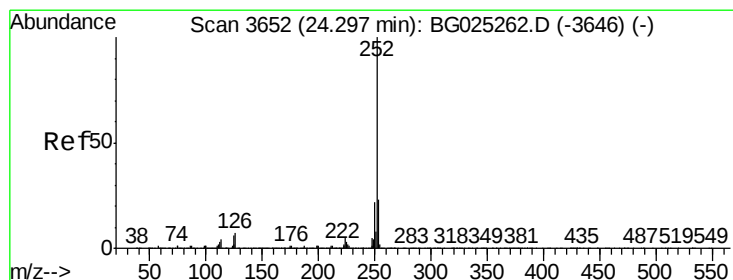
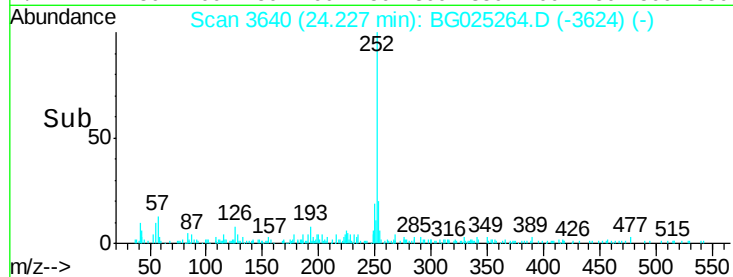
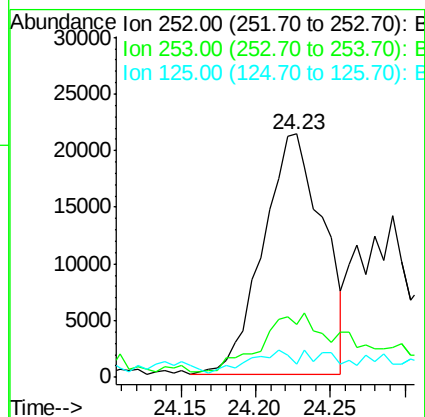
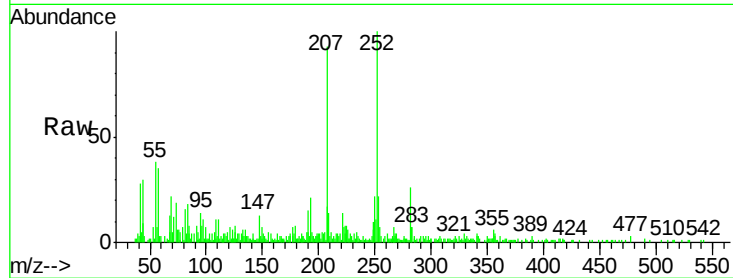
Instrument :

BNA_G

ClientSampleId :

DA863DL

Tgt Ion:	252	Resp:	59043
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.7	26.5
125	5.3	4.0	6.0



#86

Benzo(k)fluoranthene

Concen: 1.05 ng/ul

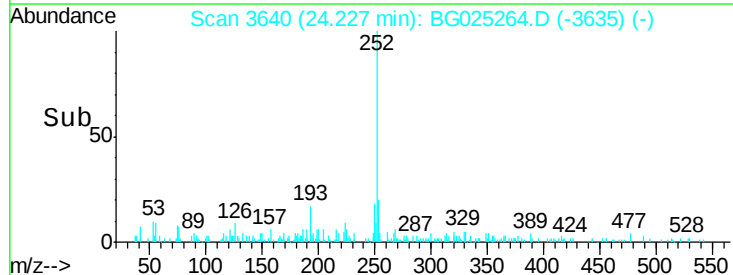
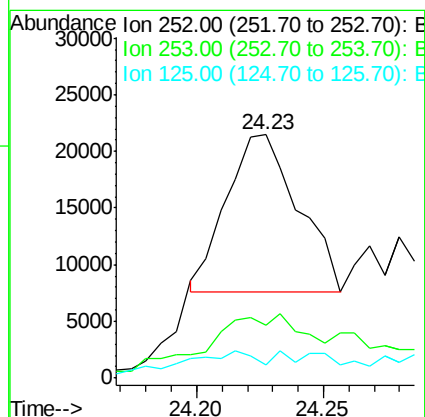
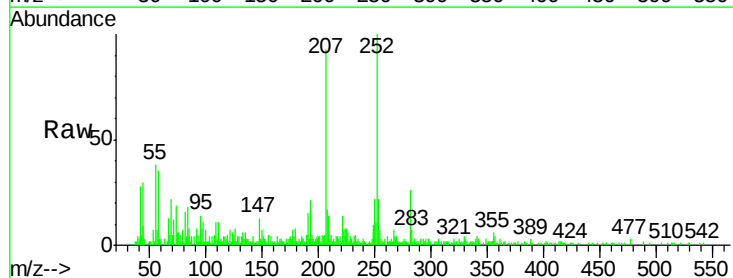
RT: 24.23 min Scan# 3640

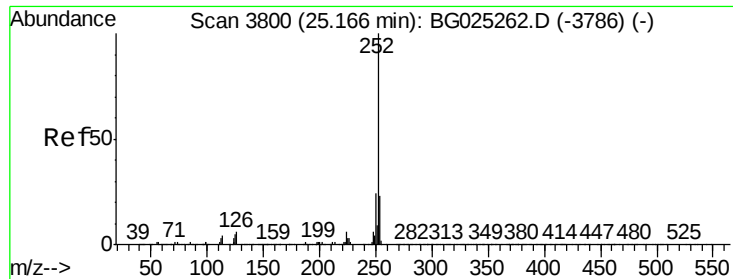
Delta R.T. -0.07 min

Lab File: BG025264.D

Acq: 17 Dec 2016 7:46

Tgt Ion:	252	Resp:	27215
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.5	27.7
125	5.3	4.1	6.1





#88

Benzo(a)pyrene

Concen: 1.95 ng/ul

RT: 25.16 min Scan# 3798

Delta R.T. -0.01 min

Lab File: BG025264.D

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Instrument :

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ClientSampleId :

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Tgt Ion:252 Resp: 51322

Ion Ratio Lower Upper

252 100

253 19.5 17.8 26.6

125 6.3 5.4 8.0

