

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
 Data File : BG025232.D
 Acq On : 16 Dec 2016 4:27
 Operator : UM/SJ
 Sample : H5995-21
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 16 06:01:11 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 16 05:54:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	84511	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	368492	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	288312	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	545112	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	662510	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	658798	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	72	0.04	ng/uL	0.00
5) Phenol-d5	7.37	99	181	0.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	309	0.07	ng/ul	0.00
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	8.96	113	54	0.01	ng/ul	0.02
19) Nitrobenzene-d5	9.40	128	149	0.06	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.09	143	63	0.02	ng/ul	-0.05
26) 2,4-Dichlorophenol-d3	10.65	165	145	0.02	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.22	131	214	0.03	ng/ul	0.02
43) Dimethylphthalate-d6	14.24	166	349	0.02	ng/ul	0.00
46) Acenaphthylene-d8	14.55	160	145	0.01	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	564	0.17	ng/ul	0.00
57) Fluorene-d10	15.84	176	2618	0.14	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	276	0.08	ng/ul	0.00
70) Anthracene-d10	17.70	188	3592	0.16	ng/ul	0.00
76) Pyrene-d10	19.98	212	2914	0.11	ng/ul	0.01
87) Benzo(a)pyrene-d12	25.12	264	1059	0.04	ng/ul	0.04

Target Compounds

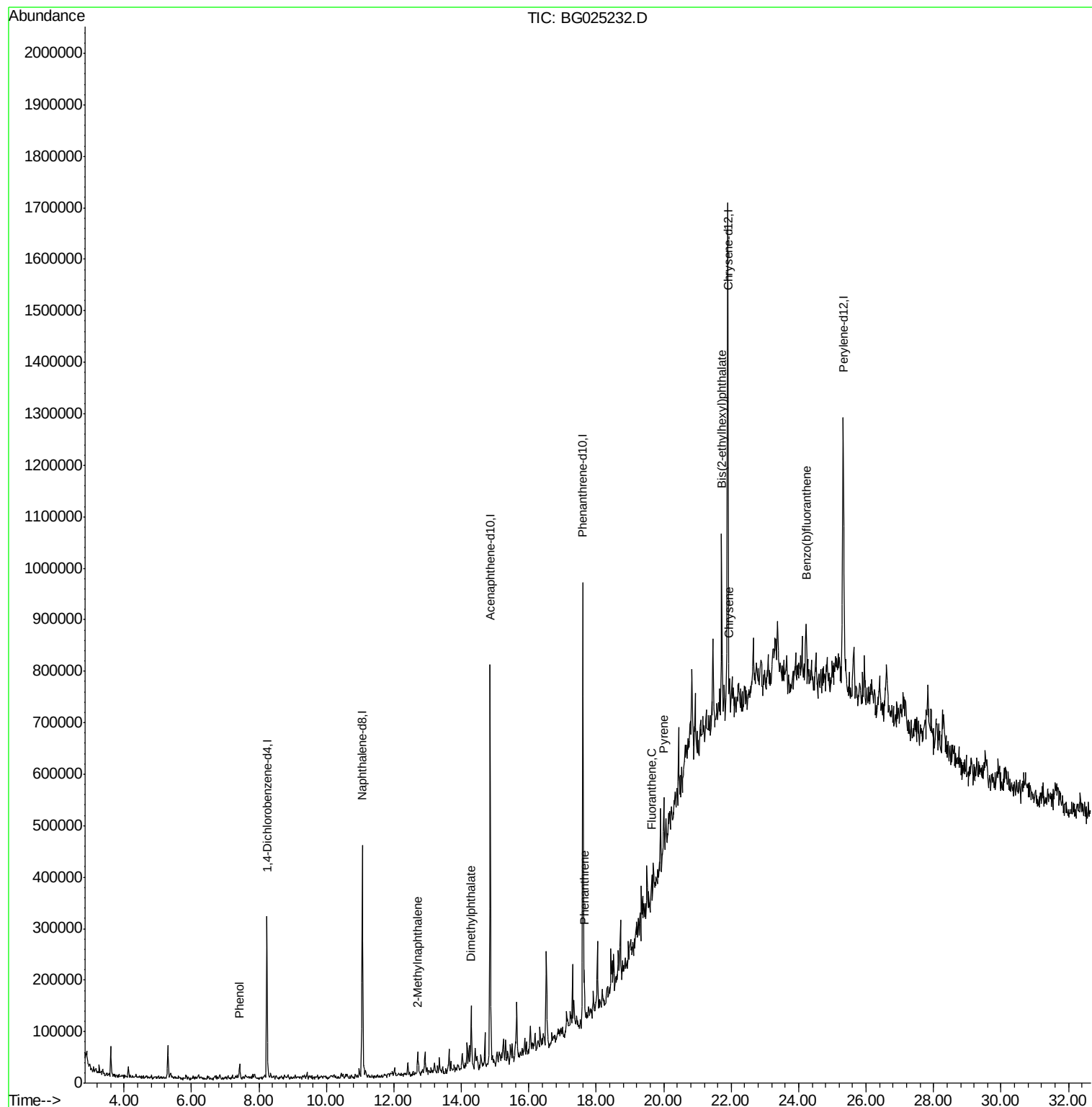
						Ovalue
6) Phenol	7.42	94	16639	2.22	ng/ul	94
34) 2-Methylnaphthalene	12.70	142	18287	1.35	ng/ul	82
44) Dimethylphthalate	14.30	163	60197	3.09	ng/ul#	99
69) Phenanthrene	17.64	178	57634	2.22	ng/ul	97
74) Fluoranthene	19.64	202	34507	1.12	ng/ul	98
77) Pyrene	20.00	202	43041	1.35	ng/ul#	94
81) Bis(2-ethylhexyl)phthalate	21.72	149	143516	8.36	ng/ul#	96
82) Chrysene	21.95	228	38325	1.19	ng/ul#	90
85) Benzo(b)fluoranthene	24.23	252	60781	1.86	ng/ul#	84

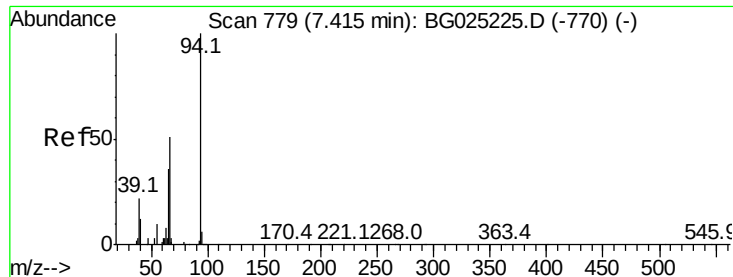
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.22 ng/ul

RT: 7.42 min Scan# 780

Delta R.T. 0.01 min

Lab File: BG025232.D

Acq: 16 Dec 2016 4:27

Instrument :

BNA_G

ClientSampleId :

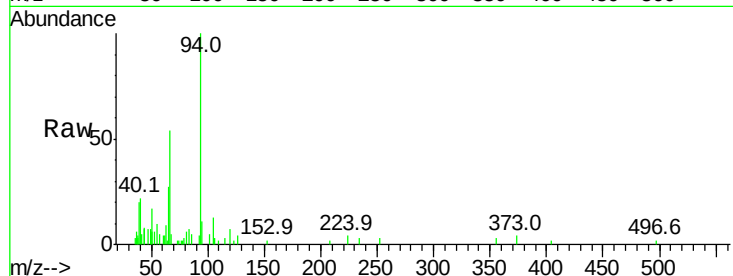
Tot Ion: 94 Resp: 16639

Ion Ratio Lower Upper

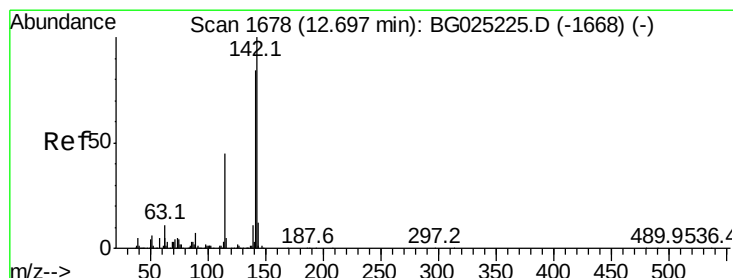
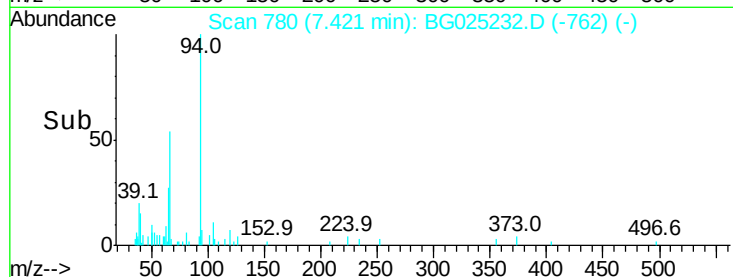
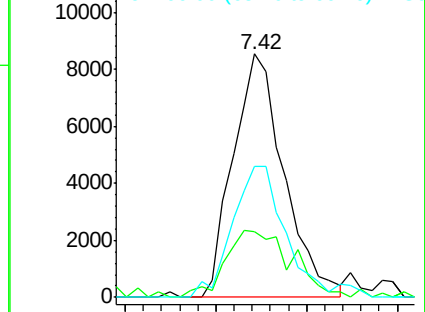
94 100

65 27.0 26.8 40.2

66 53.7 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



#34

2-Methylnaphthalene

Concen: 1.35 ng/ul

RT: 12.70 min Scan# 1679

Delta R.T. 0.01 min

Lab File: BG025232.D

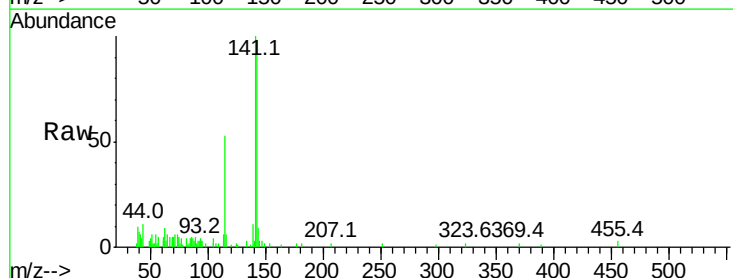
Acq: 16 Dec 2016 4:27

Tgt Ion: 142 Resp: 18287

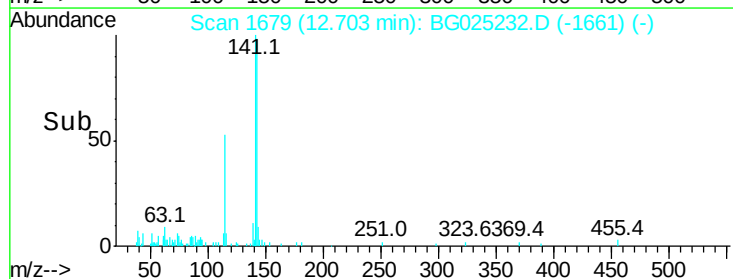
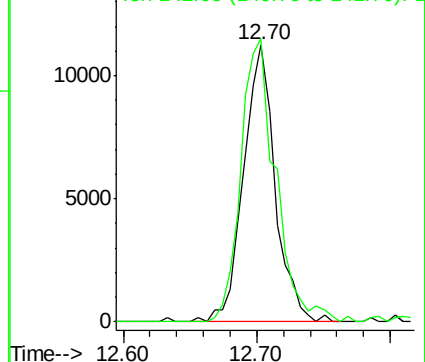
Ion Ratio Lower Upper

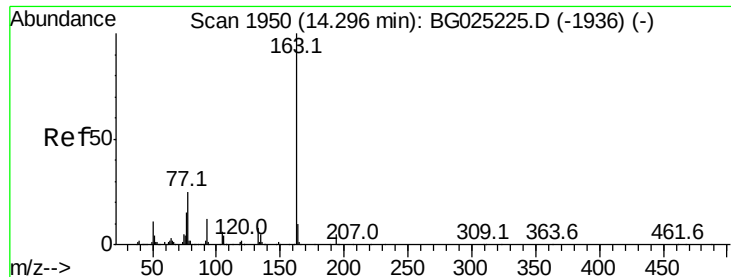
142 100

141 102.0 68.6 102.8



Abundance Ion 142.00 (141.70 to 142.70): BGC
Ion 141.00 (140.70 to 141.70): BGC





#44

Dimethylphthalate

Concen: 3.09 ng/ul

RT: 14.30 min Scan# 1950

Delta R.T. 0.00 min

Lab File: BG025232.D

Acq: 16 Dec 2016 4:27

Instrument :

BNA_G

ClientSampleId :

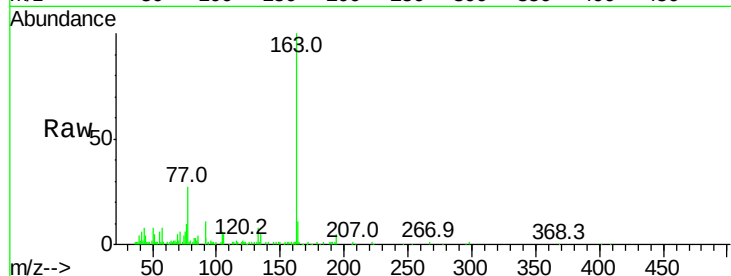
Tot Ion:163 Resp: 60197

Ion Ratio Lower Upper

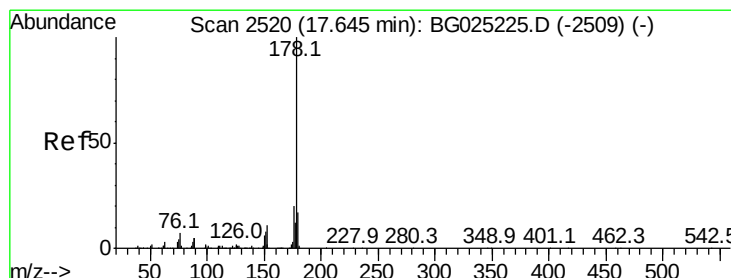
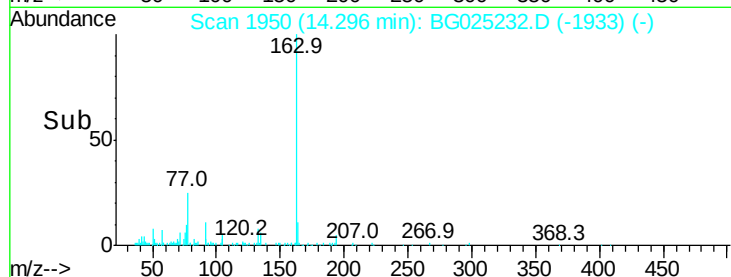
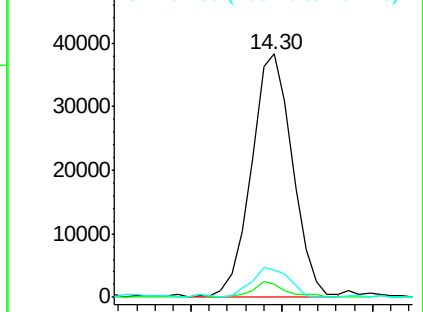
163 100

194 5.3 3.4 5.0#

164 11.4 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



#69

Phenanthrene

Concen: 2.22 ng/ul

RT: 17.64 min Scan# 2519

Delta R.T. -0.01 min

Lab File: BG025232.D

Acq: 16 Dec 2016 4:27

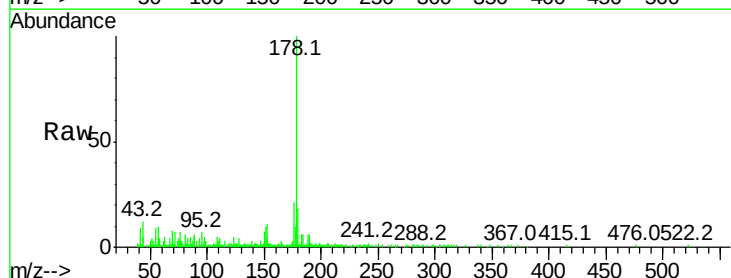
Tgt Ion:178 Resp: 57634

Ion Ratio Lower Upper

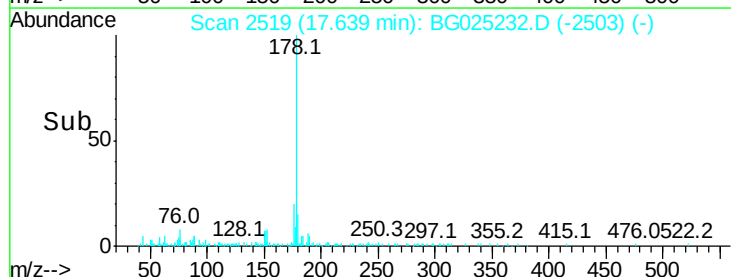
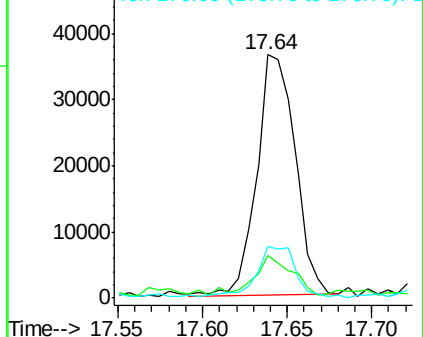
178 100

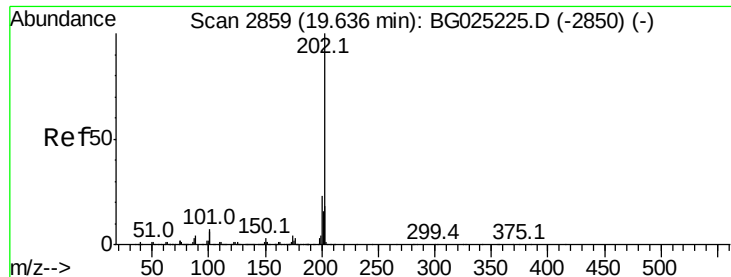
179 17.7 12.4 18.6

176 21.3 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: 1.12 ng/ul

RT: 19.64 min Scan# 2859

Delta R.T. 0.00 min

Lab File: BG025232.D

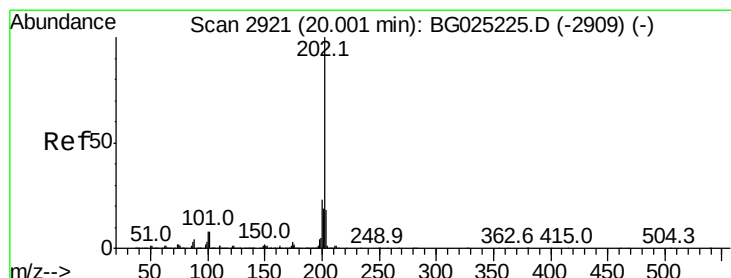
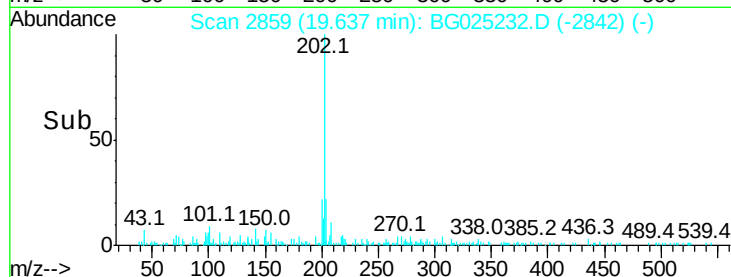
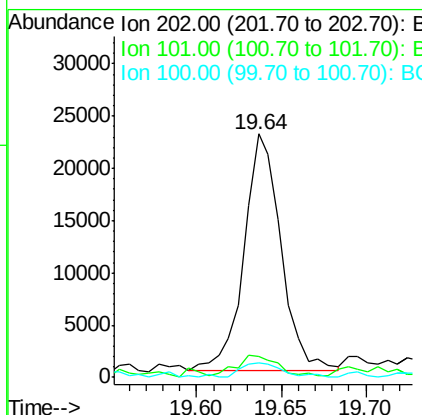
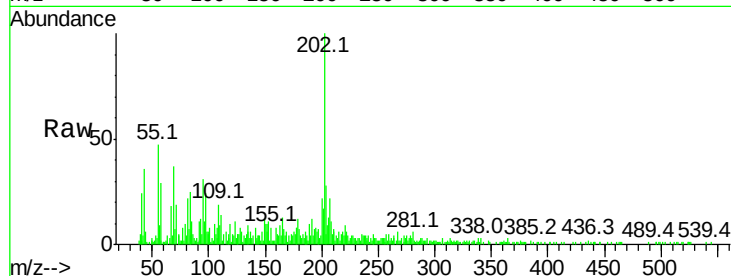
Acq: 16 Dec 2016 4:27

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	34507
Ion	Ratio	Lower	Upper
202	100		
101	8.5	6.2	9.2
100	6.1	5.2	7.8



#77

Pyrene

Concen: 1.35 ng/ul

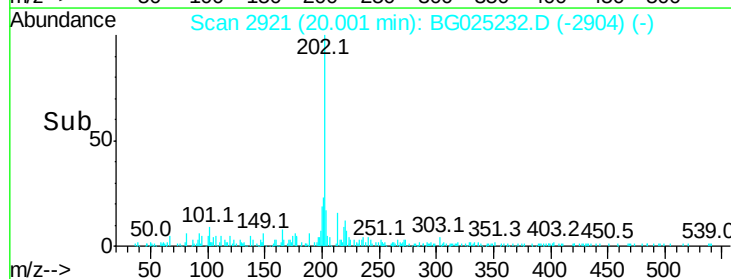
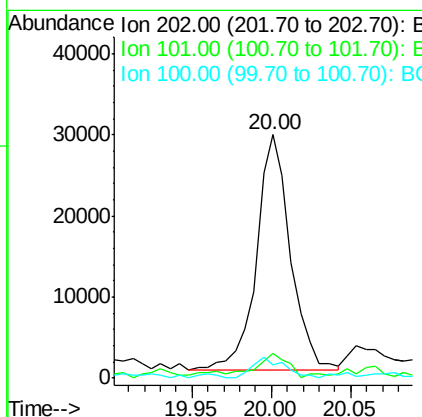
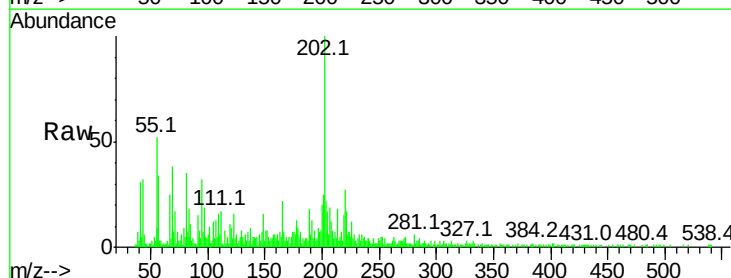
RT: 20.00 min Scan# 2921

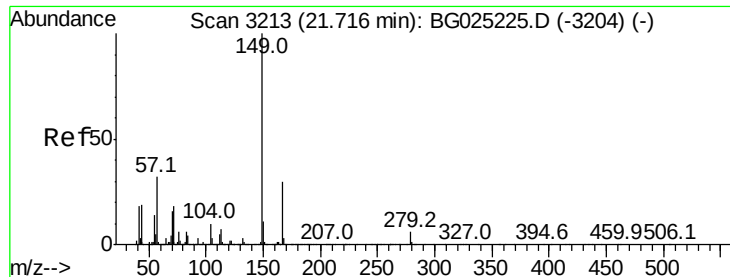
Delta R.T. 0.00 min

Lab File: BG025232.D

Acq: 16 Dec 2016 4:27

Tgt Ion:	202	Resp:	43041
Ion	Ratio	Lower	Upper
202	100		
101	10.3	6.9	10.3
100	5.7	6.6	10.0#

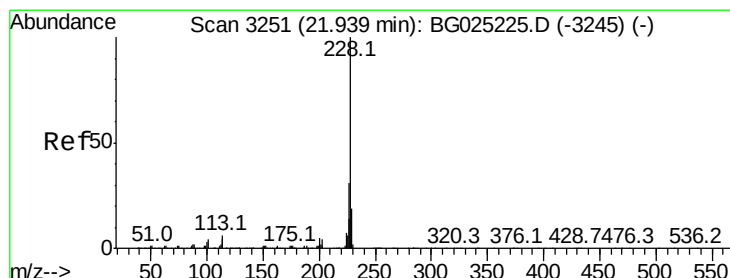
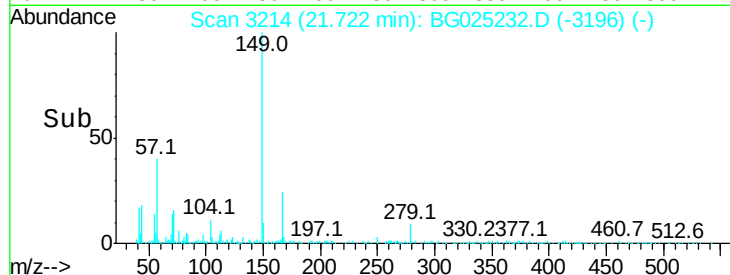
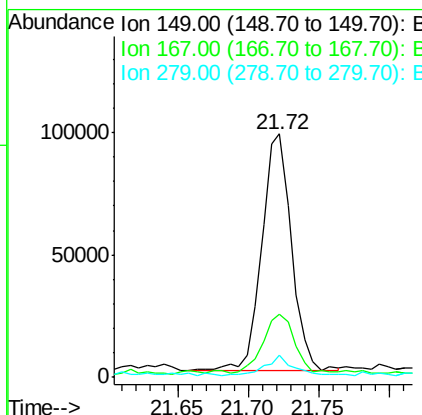
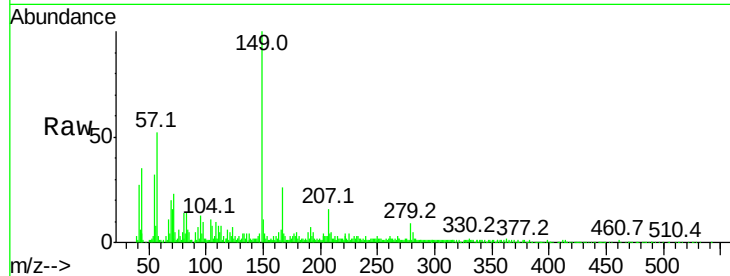




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 8.36 ng/ul
 RT: 21.72 min Scan# 3214
 Delta R.T. 0.01 min
 Lab File: BG025232.D
 Acq: 16 Dec 2016 4:27

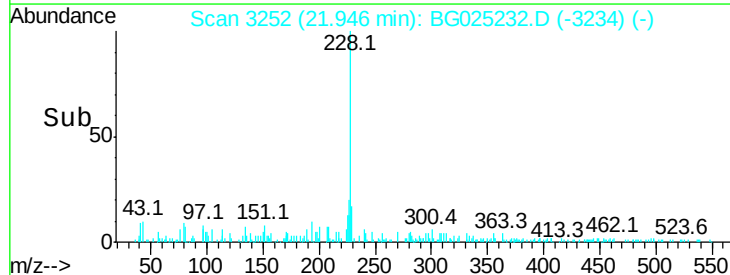
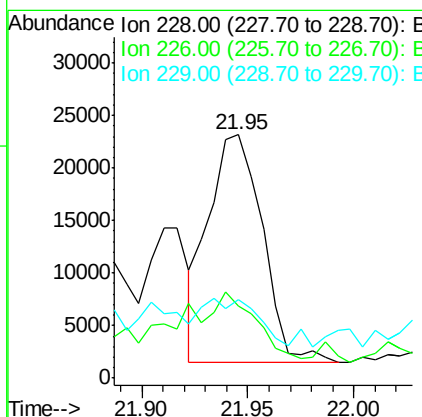
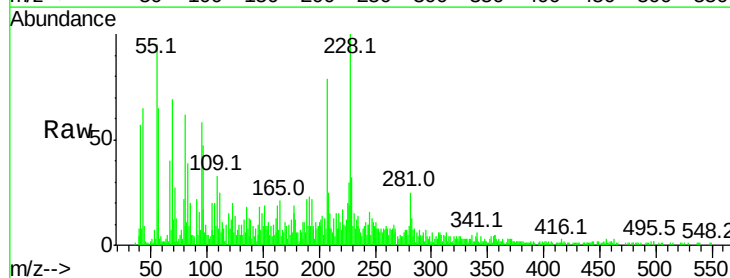
Instrument :
 BNA_G
 ClientSampleId :

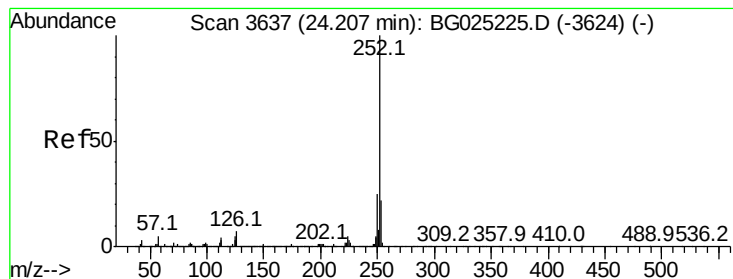
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.8	32.8
279	9.2	4.5	6.7



#82
 Chrysene
 Concen: 1.19 ng/ul
 RT: 21.95 min Scan# 3252
 Delta R.T. 0.01 min
 Lab File: BG025232.D
 Acq: 16 Dec 2016 4:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.0	36.0
229	32.2	16.9	25.3





#85

Benzo(b)fluoranthene

Concen: 1.86 ng/ul

RT: 24.23 min Scan# 3641

Delta R.T. 0.02 min

Lab File: BG025232.D

Acq: 16 Dec 2016 4:27

Instrument :

BNA_G

ClientSampleId :

Tot Ion:252 Resp: 60781

Ion Ratio Lower Upper

252 100

253 25.3 17.7 26.5

125 24.2 4.0 6.0#

