

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
 Data File : BG025229.D
 Acq On : 16 Dec 2016 2:29
 Operator : UM/SJ
 Sample : H5995-16
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 16 06:00:23 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	8.23	152	70795	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	313410	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.85	164	249027	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	492605	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	591258	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	608736	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	3056	2.23	ng/uL	0.00
5) Phenol-d5	7.39	99	68084	11.15	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.55	67	53966	14.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	37857	8.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	61904	12.13	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	31778	14.32	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	12714	4.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	29839	5.61	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	69730	13.33	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	249674	14.58	ng/ul	0.00
46) Acenaphthylene-d8	14.55	160	312598	16.66	ng/ul	0.00
51) 4-Nitrophenol-d4	15.03	143	316	0.11	ng/ul	-0.03
57) Fluorene-d10	15.84	176	238118	14.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	1007	0.33	ng/ul	0.00
70) Anthracene-d10	17.70	188	339080	16.31	ng/ul	0.00
76) Pyrene-d10	19.97	212	399912	16.42	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	406981	16.50	ng/ul	0.00

Target Compounds

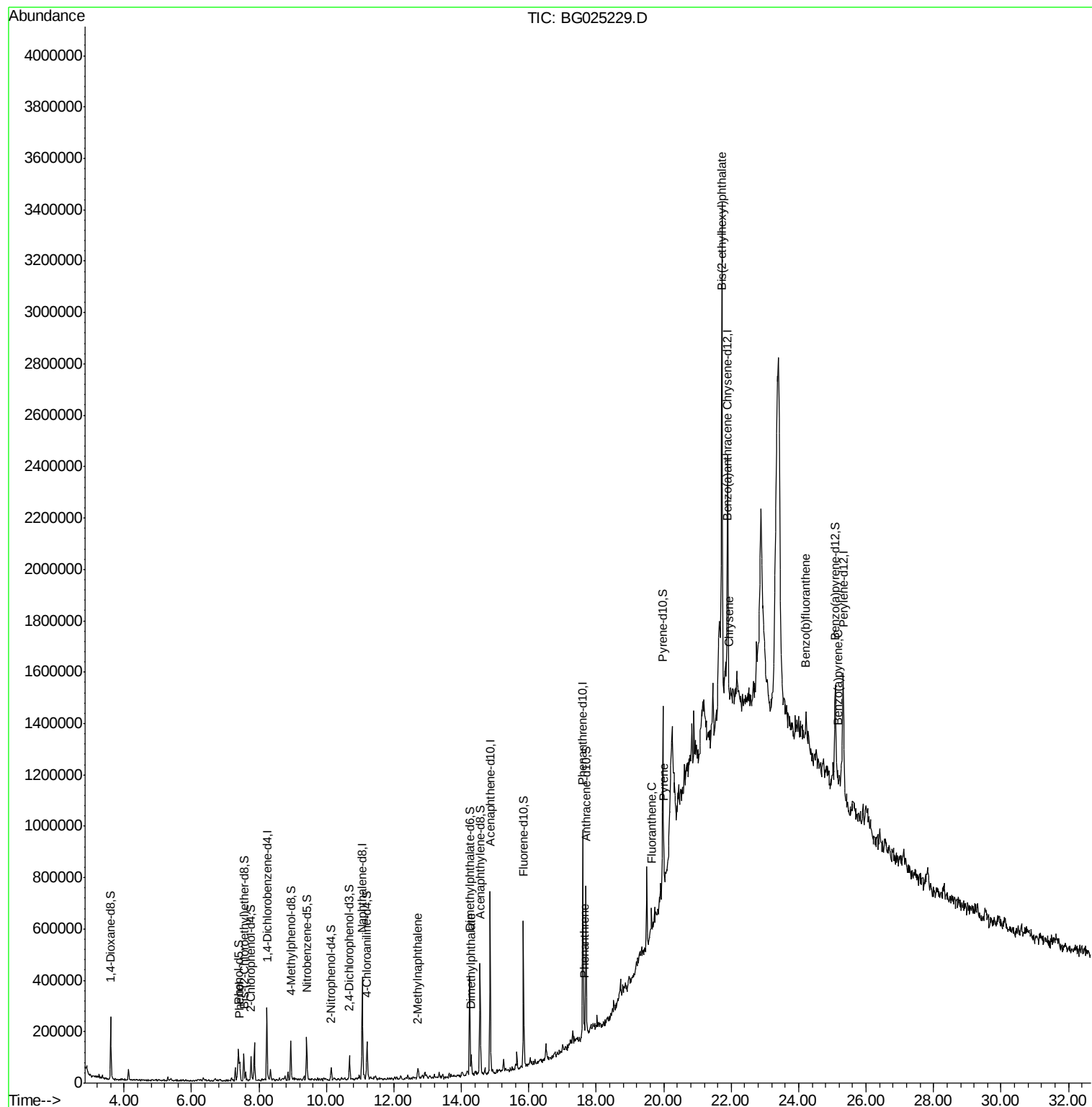
						Ovalue
6) Phenol	7.42	94	16039	2.56	ng/ul#	87
34) 2-Methylnaphthalene	12.70	142	16425	1.43	ng/ul#	52
44) Dimethylphthalate	14.30	163	44544	2.65	ng/ul#	97
69) Phenanthrene	17.64	178	34563	1.47	ng/ul	97
74) Fluoranthene	19.64	202	59001	2.11	ng/ul#	95
77) Pyrene	20.00	202	63095	2.22	ng/ul#	95
80) Benzo(a)anthracene	21.87	228	51168	1.67	ng/ul#	88
81) Bis(2-ethylhexyl)phthalate	21.72	149	675451	44.10	ng/ul	97
82) Chrysene	21.95	228	65718	2.29	ng/ul#	87
85) Benzo(b)fluoranthene	24.22	252	86663	2.87	ng/ul#	59
88) Benzo(a)pyrene	25.15	252	49075	1.69	ng/ul#	64

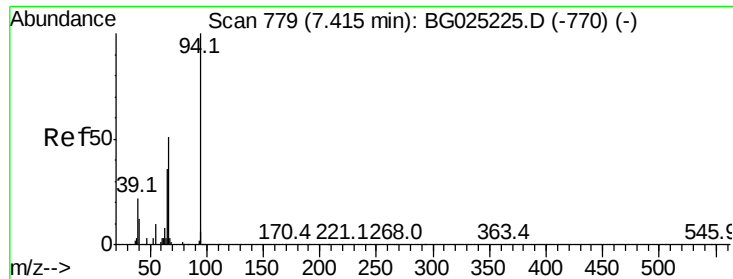
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.56 ng/ul

RT: 7.42 min Scan# 779

Delta R.T. 0.00 min

Lab File: BG025229.D

Acq: 16 Dec 2016 2:29

Instrument :

BNA_G

ClientSampleId :

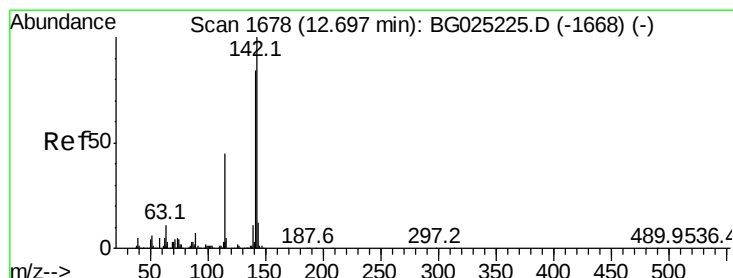
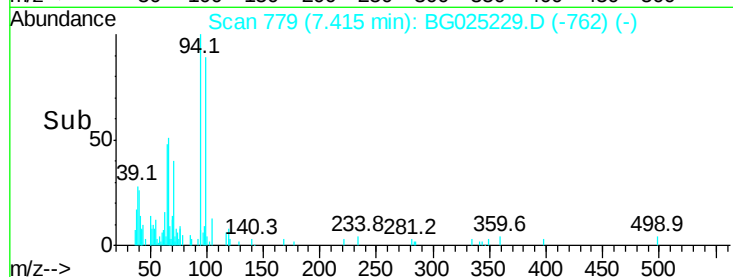
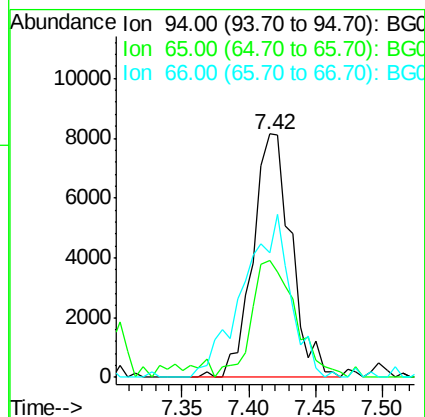
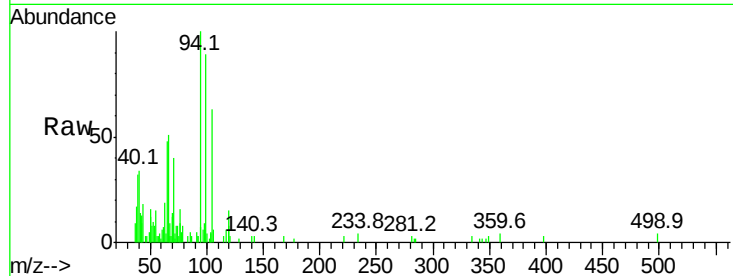
Tot Ion: 94 Resp: 16039

Ion Ratio Lower Upper

94 100

65 48.1 26.8 40.2#

66 51.1 44.4 66.6



#34

2-Methylnaphthalene

Concen: 1.43 ng/ul

RT: 12.70 min Scan# 1679

Delta R.T. 0.01 min

Lab File: BG025229.D

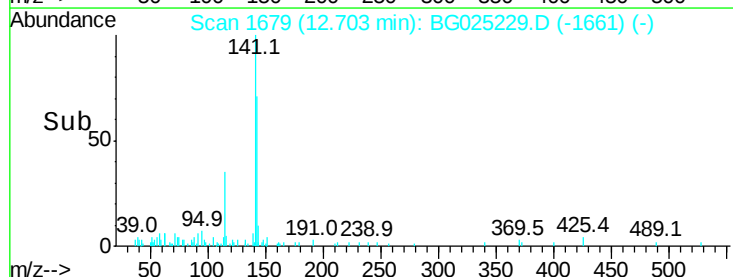
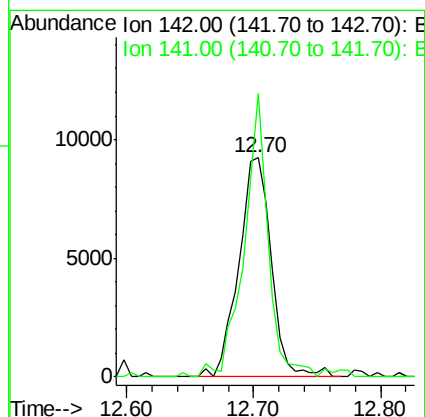
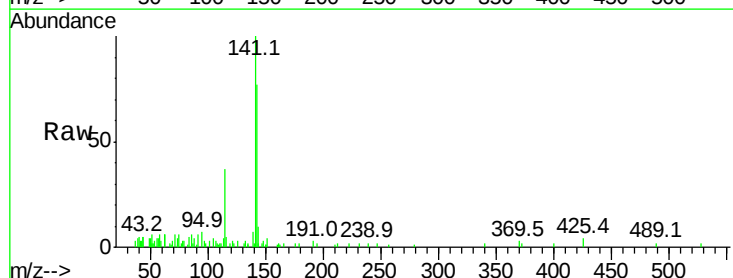
Acq: 16 Dec 2016 2:29

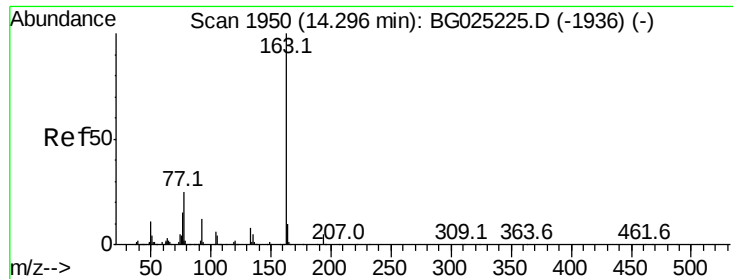
Tgt Ion: 142 Resp: 16425

Ion Ratio Lower Upper

142 100

141 129.3 68.6 102.8#





#44

Dimethylphthalate

Concen: 2.65 ng/ul

RT: 14.30 min Scan# 1950

Delta R.T. 0.00 min

Lab File: BG025229.D

Acq: 16 Dec 2016 2:29

Instrument :

BNA_G

ClientSampleId :

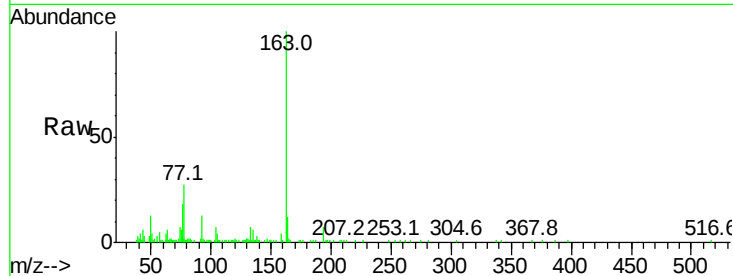
Tot Ion:163 Resp: 44544

Ion Ratio Lower Upper

163 100

194 6.8 3.4 5.0#

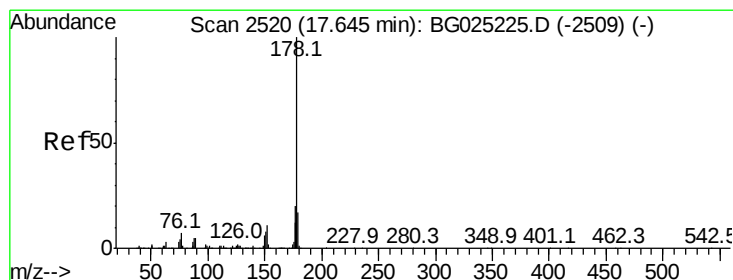
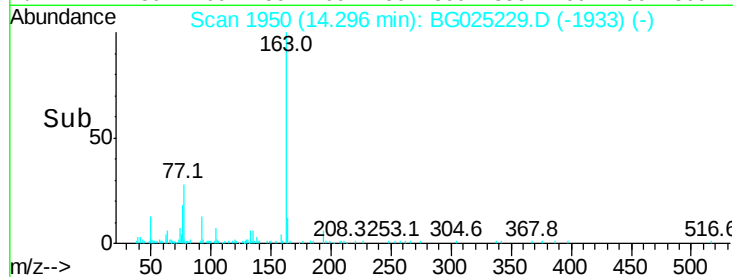
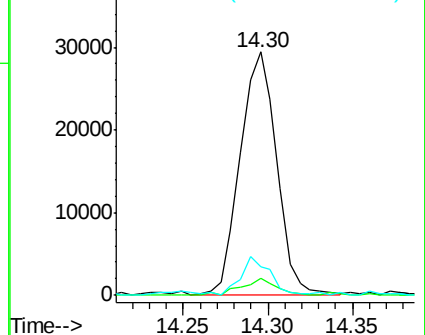
164 11.6 9.0 13.4



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: 1.47 ng/ul

RT: 17.64 min Scan# 2520

Delta R.T. 0.00 min

Lab File: BG025229.D

Acq: 16 Dec 2016 2:29

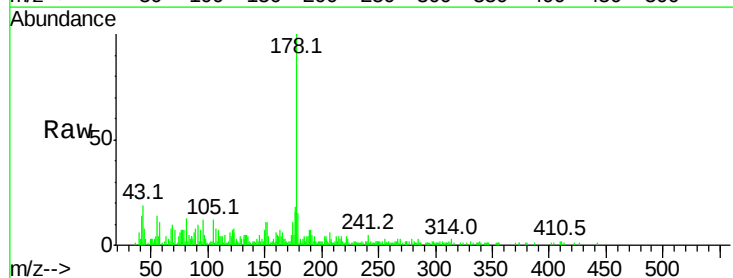
Tgt Ion:178 Resp: 34563

Ion Ratio Lower Upper

178 100

179 15.3 12.4 18.6

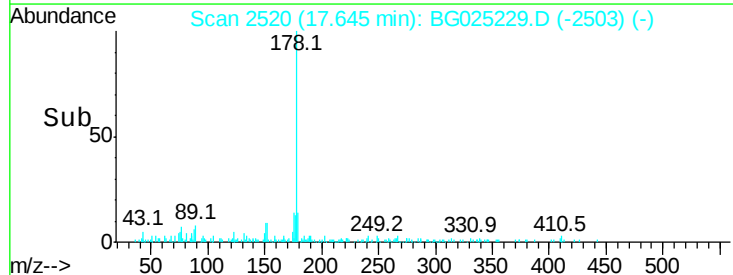
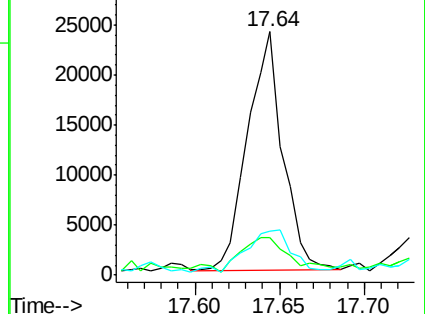
176 18.0 16.5 24.7

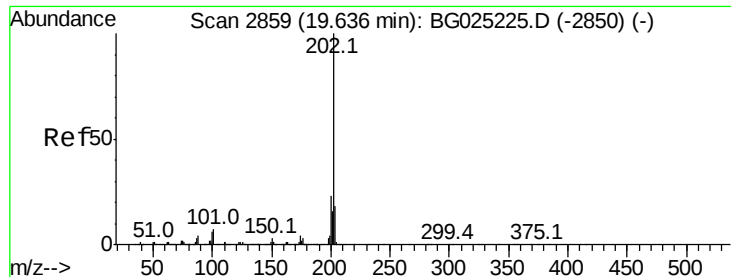


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 2.11 ng/ul

RT: 19.64 min Scan# 2860

Delta R.T. 0.01 min

Lab File: BG025229.D

Acq: 16 Dec 2016 2:29

Instrument :

BNA_G

ClientSampleId :

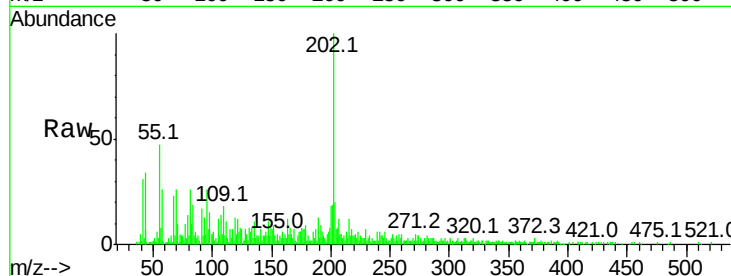
Tot Ion:202 Resp: 59001

Ion Ratio Lower Upper

202 100

101 6.2 6.2 9.2

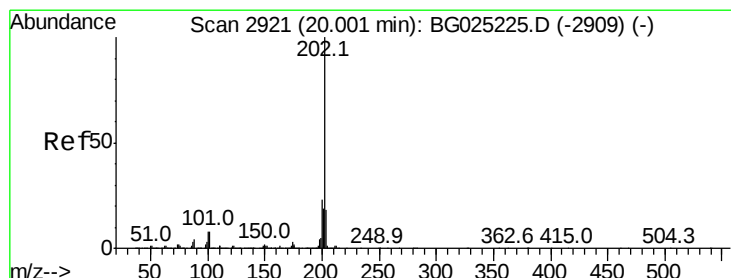
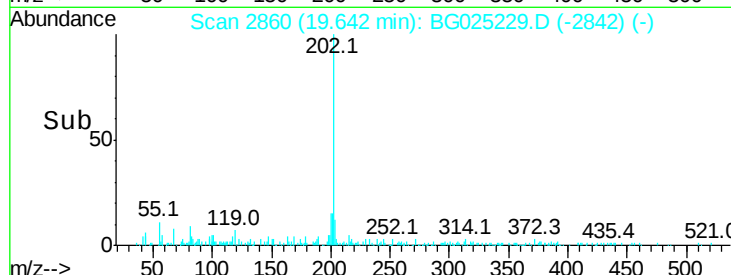
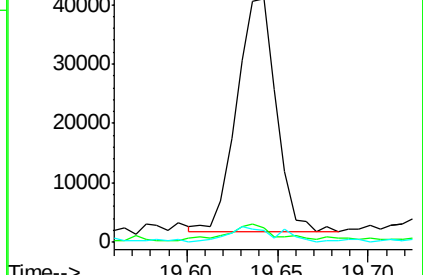
100 4.8 5.2 7.8#



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: 2.22 ng/ul

RT: 20.00 min Scan# 2921

Delta R.T. 0.00 min

Lab File: BG025229.D

Acq: 16 Dec 2016 2:29

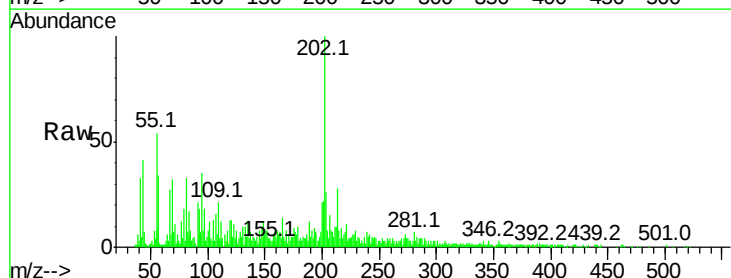
Tgt Ion:202 Resp: 63095

Ion Ratio Lower Upper

202 100

101 11.5 6.9 10.3#

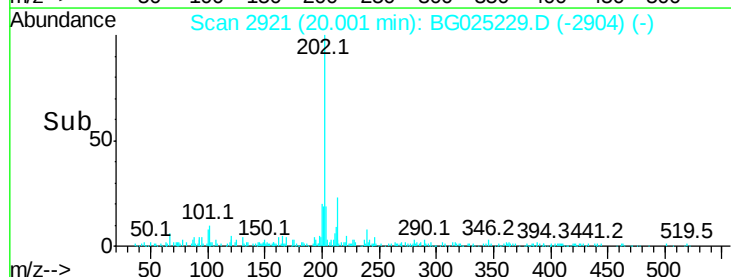
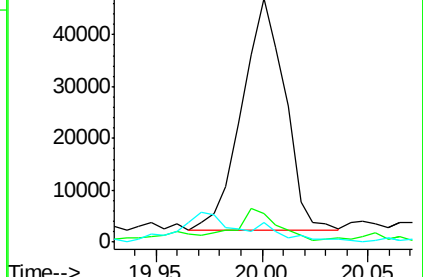
100 7.8 6.6 10.0

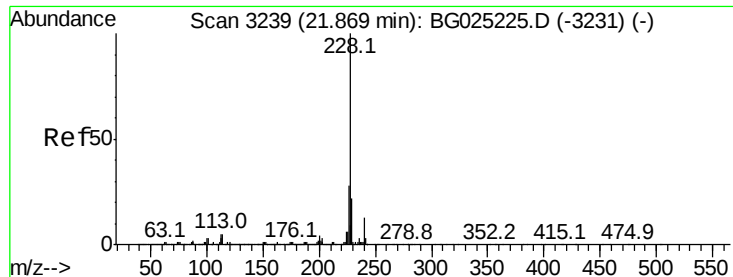


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 1.67 ng/ul

RT: 21.87 min Scan# 3240

Delta R.T. 0.01 min

Lab File: BG025229.D

Acq: 16 Dec 2016 2:29

Instrument :

BNA_G

ClientSampleId :

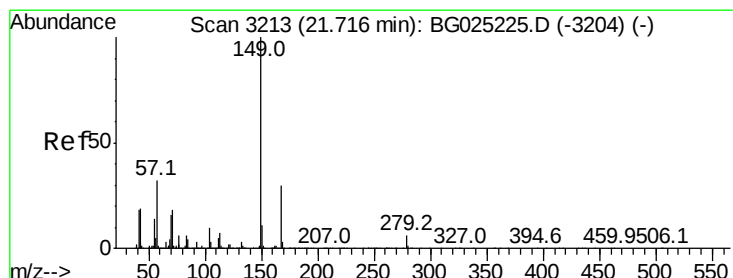
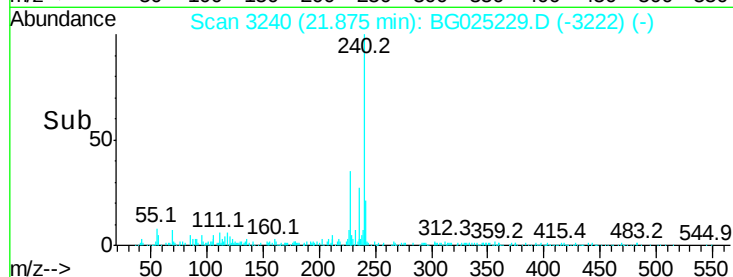
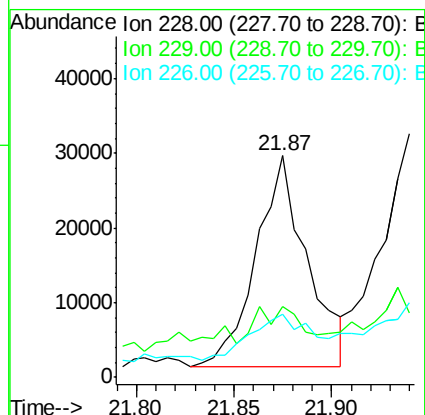
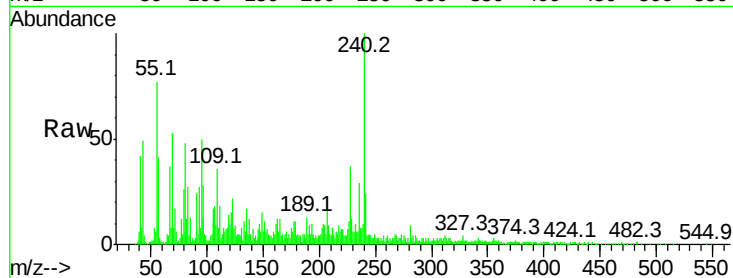
Tot Ion:228 Resp: 51168

Ion Ratio Lower Upper

228 100

229 32.1 16.3 24.5#

226 28.6 21.9 32.9



#81

Bis(2-ethylhexyl)phthalate

Concen: 44.10 ng/ul

RT: 21.72 min Scan# 3214

Delta R.T. 0.01 min

Lab File: BG025229.D

Acq: 16 Dec 2016 2:29

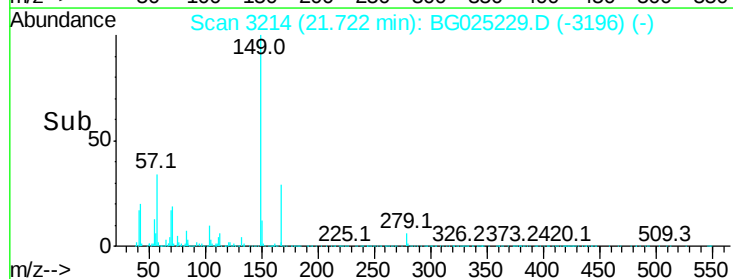
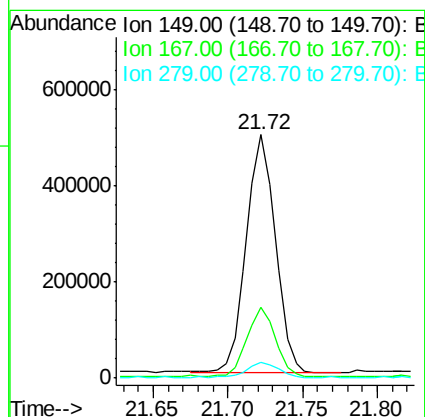
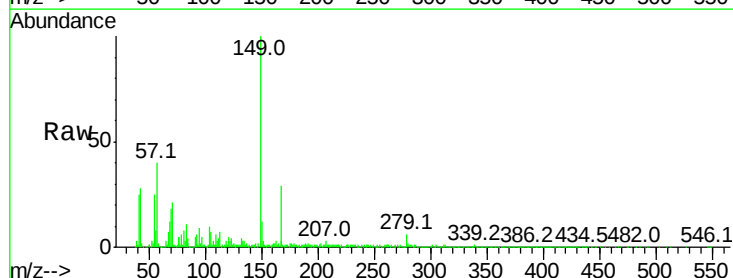
Tgt Ion:149 Resp: 675451

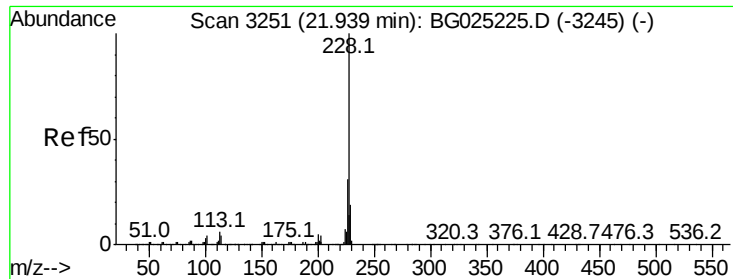
Ion Ratio Lower Upper

149 100

167 28.9 21.8 32.8

279 6.4 4.5 6.7





#82

Chrysene

Concen: 2.29 ng/ul

RT: 21.95 min Scan# 3252

Delta R.T. 0.01 min

Lab File: BG025229.D

Acq: 16 Dec 2016 2:29

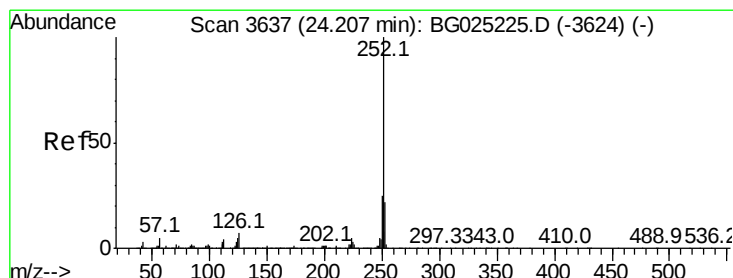
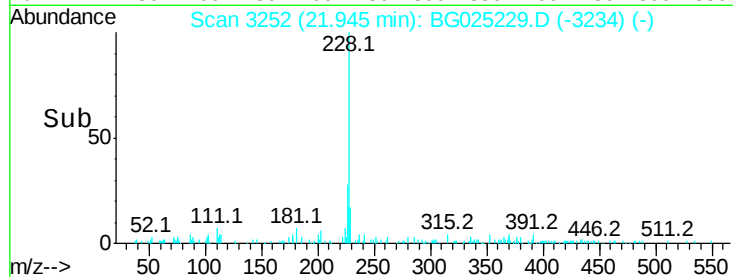
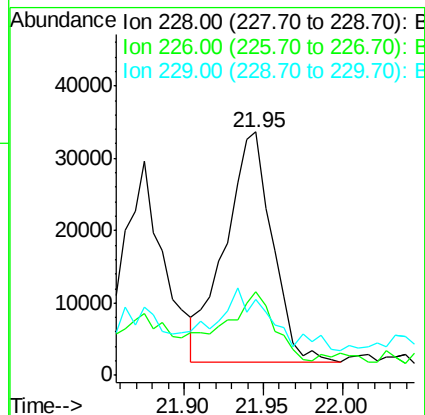
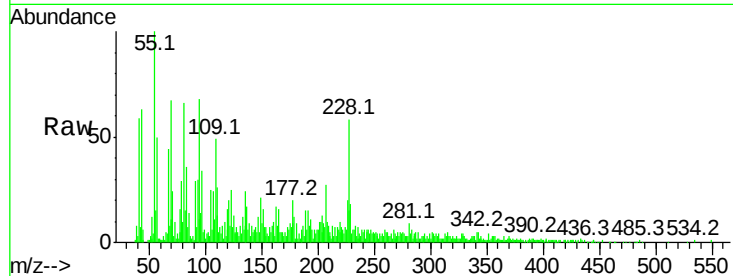
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 65718

Ion	Ratio	Lower	Upper
228	100		
226	34.4	24.0	36.0
229	31.0	16.9	25.3



#85

Benzo(b)fluoranthene

Concen: 2.87 ng/ul

RT: 24.22 min Scan# 3639

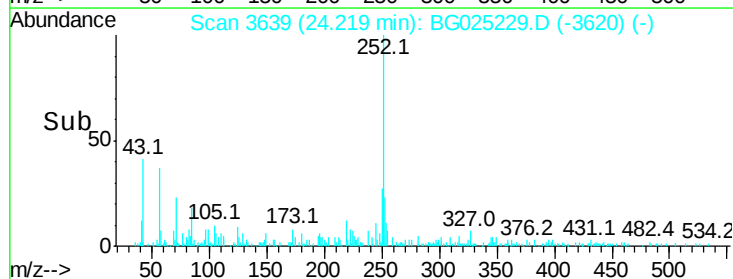
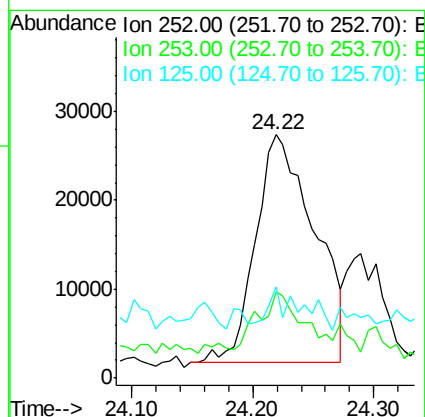
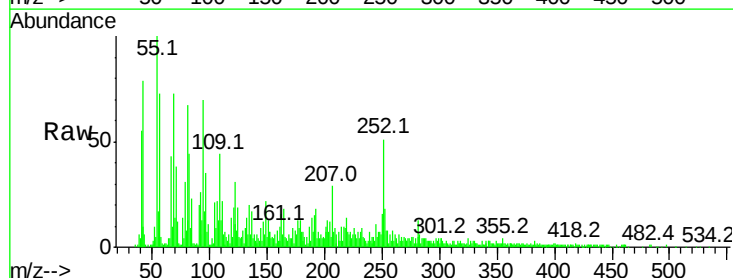
Delta R.T. 0.01 min

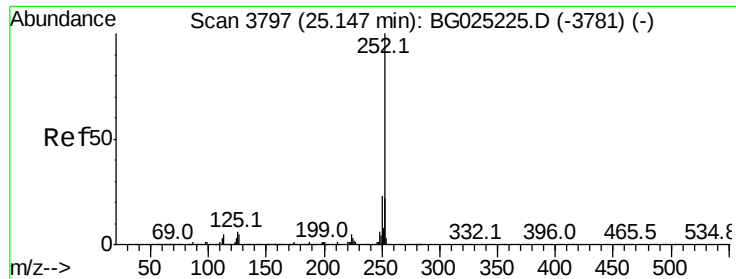
Lab File: BG025229.D

Acq: 16 Dec 2016 2:29

Tgt Ion:252 Resp: 86663

Ion	Ratio	Lower	Upper
252	100		
253	35.4	17.7	26.5
125	37.5	4.0	6.0





#88

Benzo(a)pyrene

Concen: 1.69 ng/ul

RT: 25.15 min Scan# 3798

Delta R.T. 0.01 min

Lab File: BG025229.D

Acq: 16 Dec 2016 2:29

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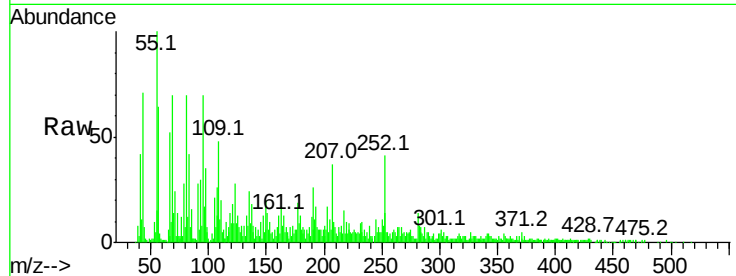
Tot Ion:252 Resp: 49075

Ion Ratio Lower Upper

252 100

253 34.4 17.8 26.6#

125 30.9 5.4 8.0#



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

