

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
 Data File : BG025242.D
 Acq On : 16 Dec 2016 10:59
 Operator : UM/SJ
 Sample : H5995-09 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA874

Manual Integrations
 APPROVED

UMANGI
 12/16/2016 6:21:53 PM

Quant Time: Dec 16 16:10:36 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	76010	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	321338	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	242120	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	485581	20.00	ng/ul	0.01
75) Chrysene-d12	21.90	240	589044	20.00	ng/ul	0.01
83) Perylene-d12	25.34	264	564392	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	619	0.42	ng/uL	0.00
5) Phenol-d5	7.40	99	21836	3.33	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.55	67	14962	3.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	16100	3.51	ng/ul	0.01
13) 4-Methylphenol-d8	8.94	113	19465	3.55	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	9336	4.10	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	9806	3.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	19810	3.63	ng/ul	0.02
29) 4-Chloroaniline-d4	11.24	131	76818	14.33	ng/ul	0.04
43) Dimethylphthalate-d6	14.25	166	66656	4.00	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	72626	3.98	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	6329	2.21	ng/ul	0.00
57) Fluorene-d10	15.85	176	54813	3.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	9442	3.14	ng/ul	0.02
70) Anthracene-d10	17.71	188	93998	4.59	ng/ul	0.01
76) Pyrene-d10	19.98	212	101121	4.17	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.10	264	96125	4.20	ng/ul	0.02

Target Compounds

						Ovalue
6) Phenol	7.42	94	10821	1.61	ng/ul	94
11) 2-Methylphenol	8.68	108	5262	1.06	ng/ul	81
14) Acetophenone	9.08	105	50657	6.07	ng/ul	94
16) 4-Methylphenol	9.01	108	10042m	1.82	ng/ul	
24) 2,4-Dimethylphenol	10.22	107	34120m	5.18	ng/ul	
28) Naphthalene	11.11	128	101866	6.82	ng/ul	95
34) 2-Methylnaphthalene	12.70	142	477736	40.53	ng/ul	95
40) 1,1'-Biophenyl	13.69	154	101654	6.93	ng/ul	99
49) Acenaphthene	14.93	153	35752	2.94	ng/ul#	66
53) Dibenzofuran	15.26	168	361780	18.83	ng/ul	97
69) Phenanthrene	17.65	178	731608	31.57	ng/ul	98
74) Fluoranthene	19.65	202	460806	16.73	ng/ul	98
77) Pyrene	20.01	202	409816	14.47	ng/ul	97
80) Benzo(a)anthracene	21.88	228	120176	3.93	ng/ul#	71
82) Chrysene	21.95	228	131908	4.61	ng/ul#	91
85) Benzo(b)fluoranthene	24.24	252	121897	4.36	ng/ul#	89
88) Benzo(a)pyrene	25.18	252	49827	1.85	ng/ul#	64

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

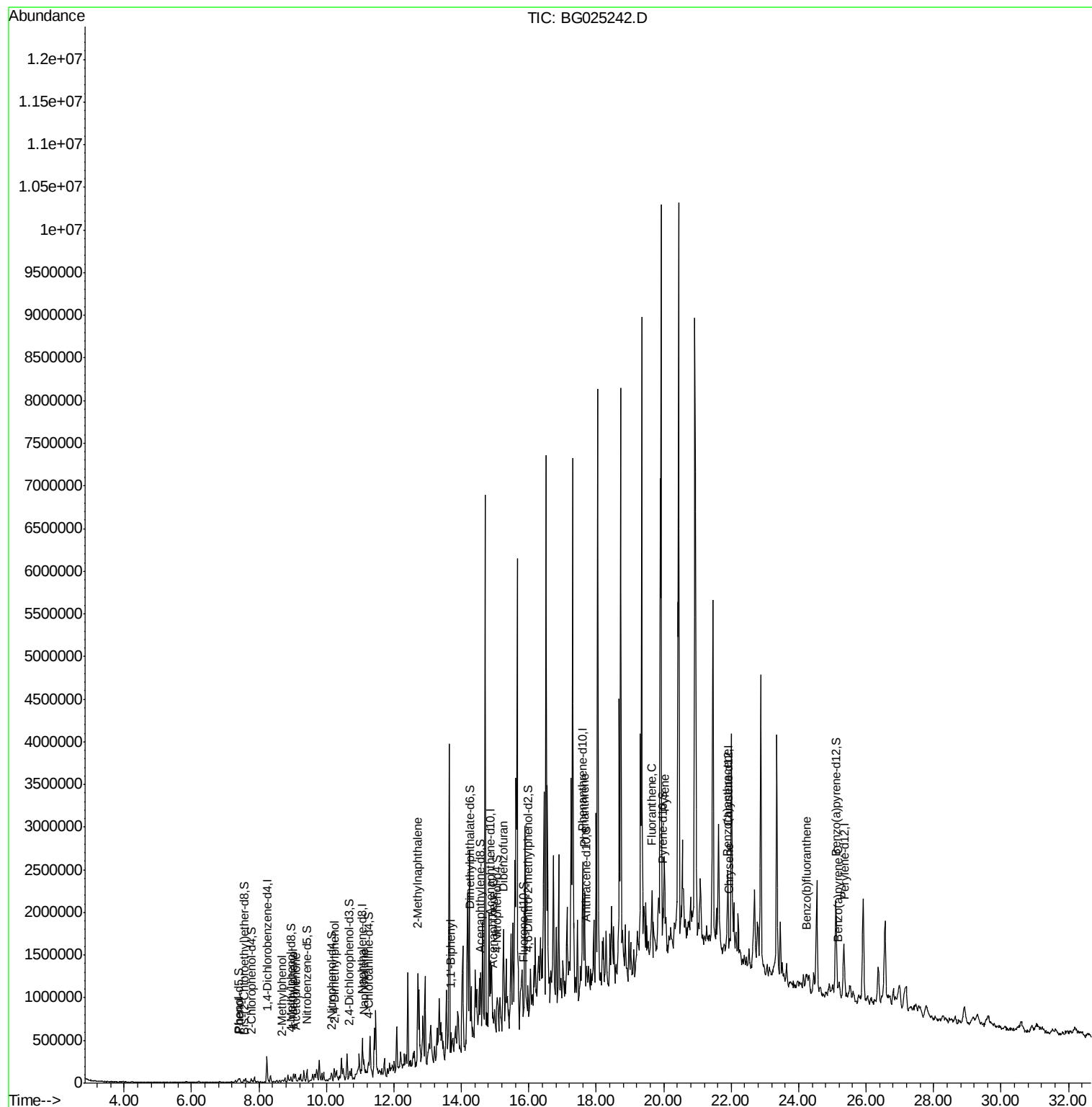
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025242.D
Acq On : 16 Dec 2016 10:59
Operator : UM/SJ
Sample : H5995-09 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

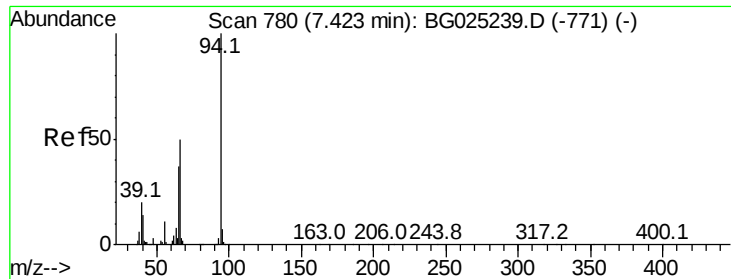
Instrument :
BNA_G
ClientSampleId :
DA874

Manual Integrations
APPROVED

UMANGI
12/16/2016 6:21:53 PM

Quant Time: Dec 16 16:10:36 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





#6

Phenol

Concen: 1.61 ng/ul

RT: 7.42 min Scan# 780

Delta R.T. 0.01 min

Lab File: BG025242.D

Acq: 16 Dec 2016 10:59

Instrument :

BNA_G

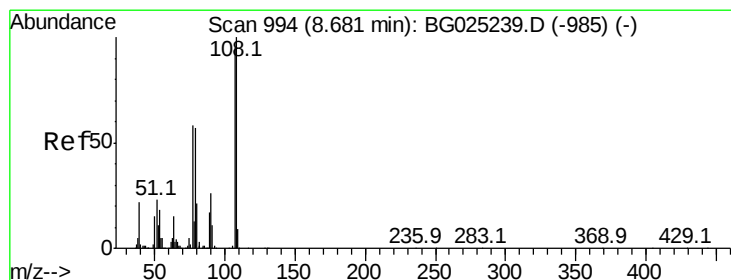
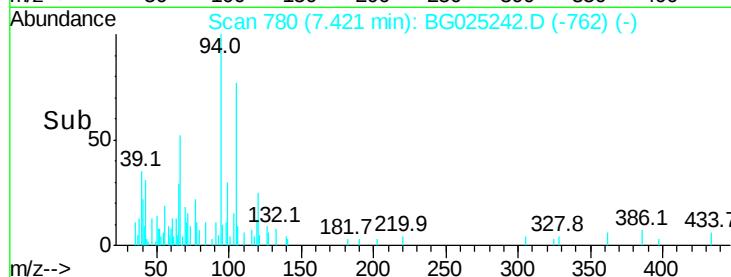
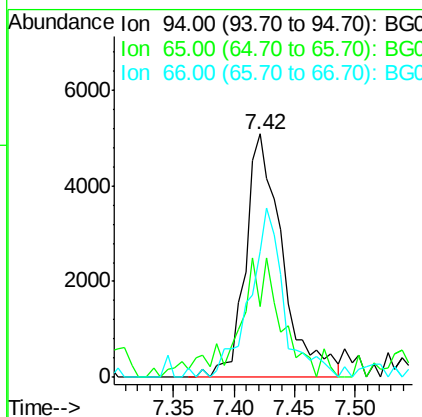
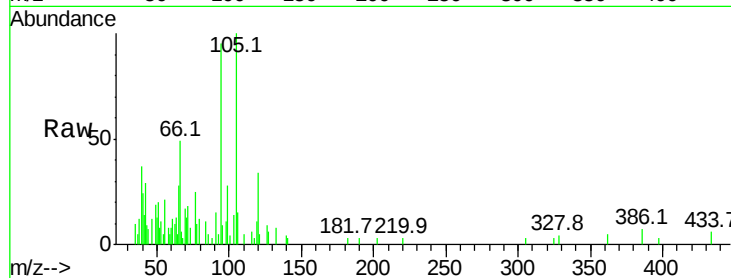
ClientSampleId :

DA874

Tot Ion:	94	Resp:	10821
Ion Ratio	Lower	Upper	
94	100		
65	29.2	26.8	40.2
66	51.8	44.4	66.6

Manual Integrations
APPROVED

UMANGI
12/16/2016 6:21:53 PM



#11

2-Methylphenol

Concen: 1.06 ng/ul

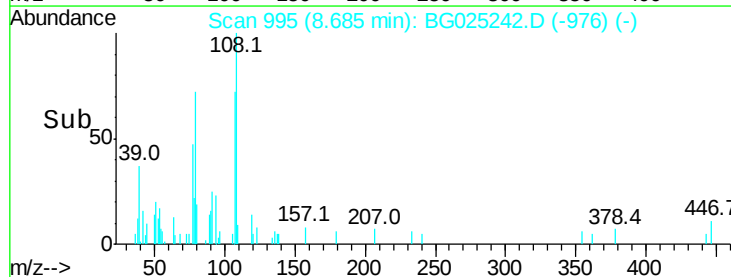
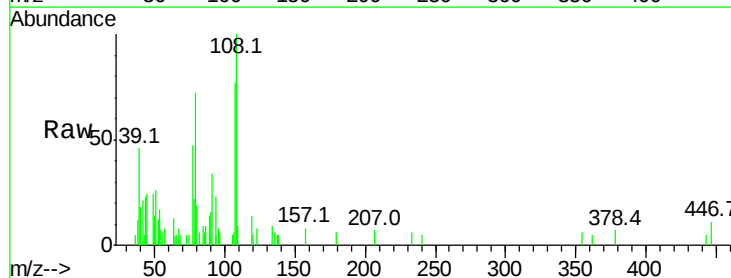
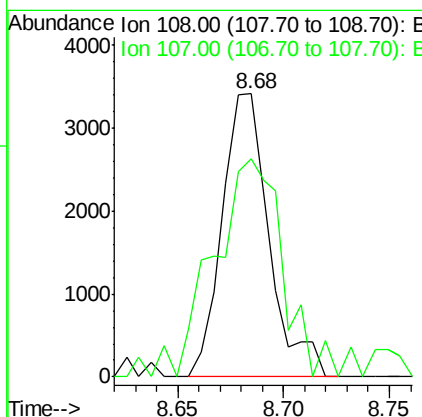
RT: 8.68 min Scan# 995

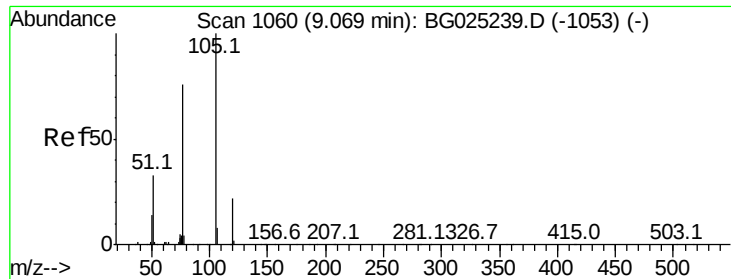
Delta R.T. 0.01 min

Lab File: BG025242.D

Acq: 16 Dec 2016 10:59

Tgt Ion:	108	Resp:	5262
Ion Ratio	Lower	Upper	
108	100		
107	77.2	76.7	115.1





#14

Acetophenone

Concen: 6.07 ng/ul

RT: 9.08 min Scan# 1062

Delta R.T. 0.01 min

Lab File: BG025242.D

Acq: 16 Dec 2016 10:59

Instrument :

BNA_G

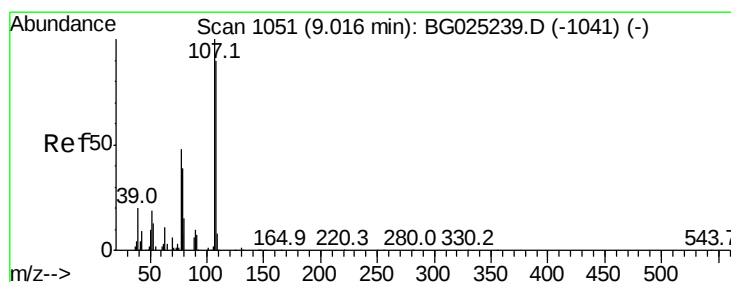
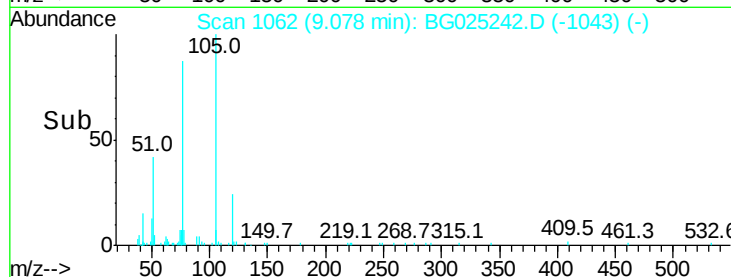
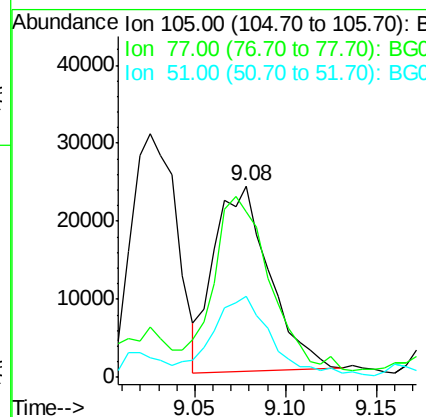
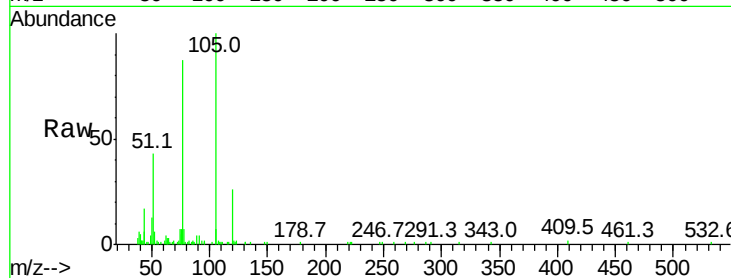
ClientSampleId :

DA874

Tot Ion:	105	Resp:	50657
Ion Ratio	Lower	Upper	
105	100		
77	86.7	76.0	114.0
51	42.6	34.8	52.2

Manual Integrations
APPROVED

UMANGI
12/16/2016 6:21:53 PM



#16

4-Methylphenol

Concen: 1.82 ng/ul m

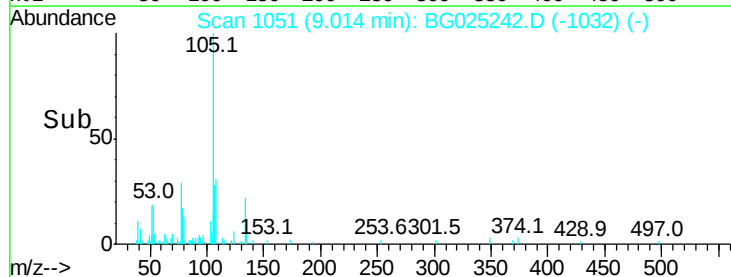
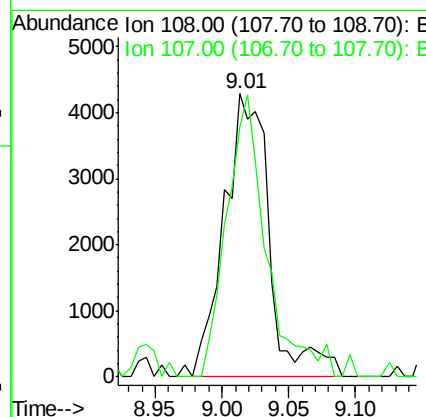
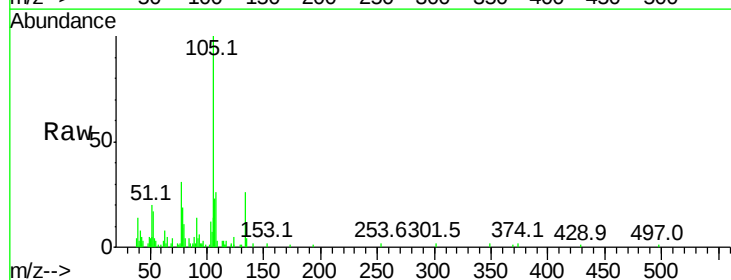
RT: 9.01 min Scan# 1051

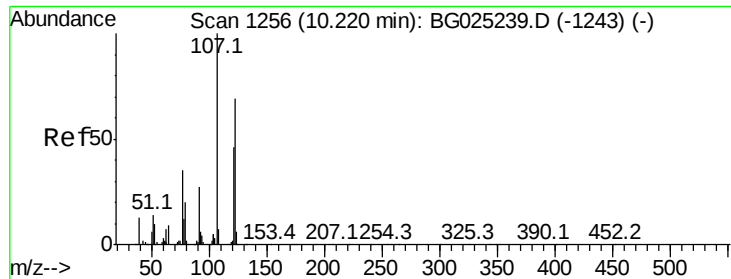
Delta R.T. 0.01 min

Lab File: BG025242.D

Acq: 16 Dec 2016 10:59

Tgt Ion:	108	Resp:	10042
Ion Ratio	Lower	Upper	
108	100		
107	88.3	91.7	137.5#





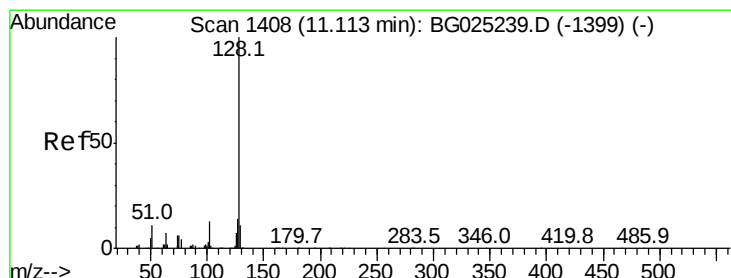
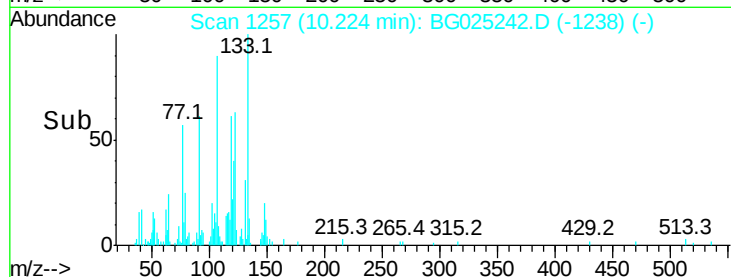
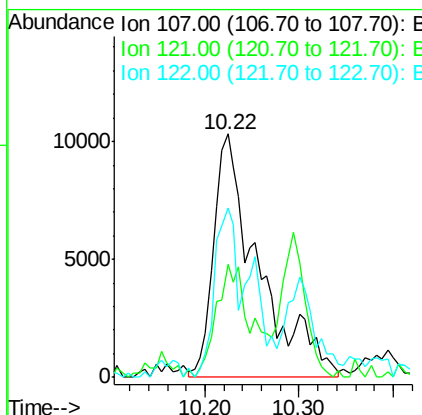
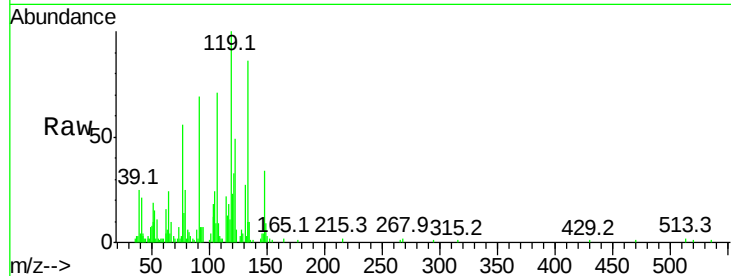
#24
2,4-Dimethylphenol
Concen: 5.18 ng/ul m
RT: 10.22 min Scan# 1257
Delta R.T. 0.01 min
Lab File: BG025242.D
Acq: 16 Dec 2016 10:59

Instrument :
BNA_G
ClientSampleId :
DA874

Tot Ion	Ratio	Lower	Upper
107	100		
121	46.2	32.3	48.5
122	69.6	61.2	91.8

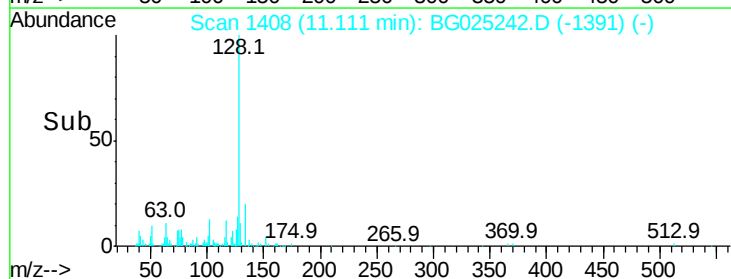
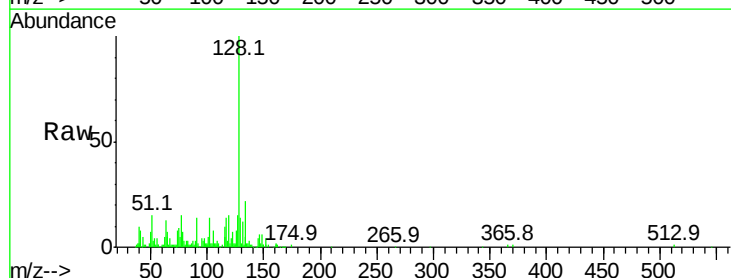
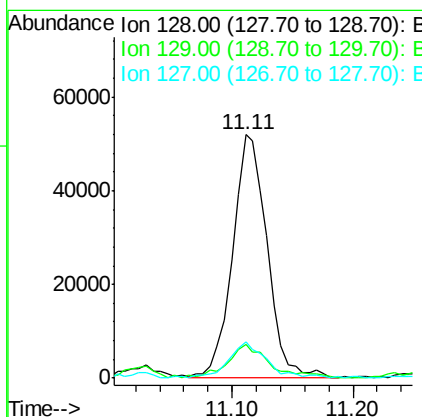
Manual Integrations
APPROVED

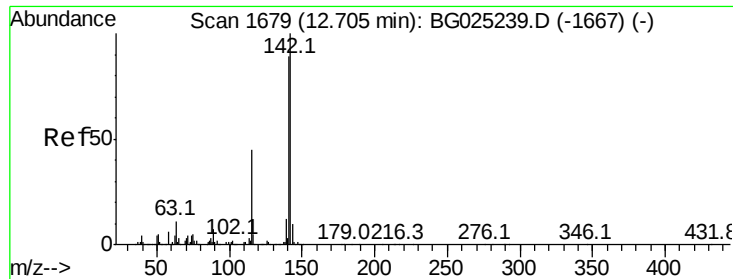
UMANGI
12/16/2016 6:21:53 PM



#28
Naphthalene
Concen: 6.82 ng/ul
RT: 11.11 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BG025242.D
Acq: 16 Dec 2016 10:59

Tgt Ion	Ratio	Lower	Upper
128	100		
129	13.6	9.4	14.2
127	14.7	10.3	15.5





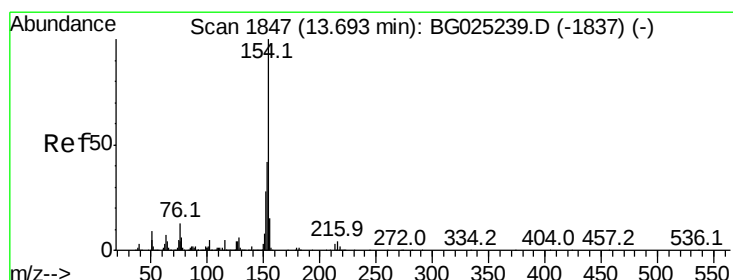
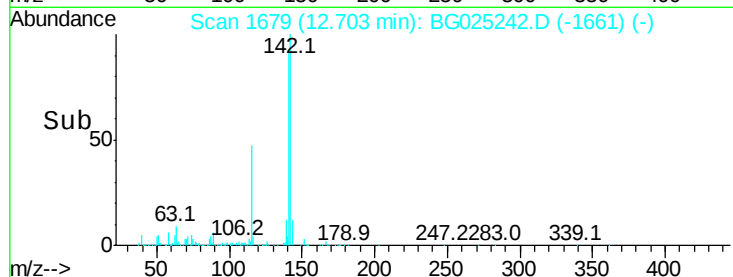
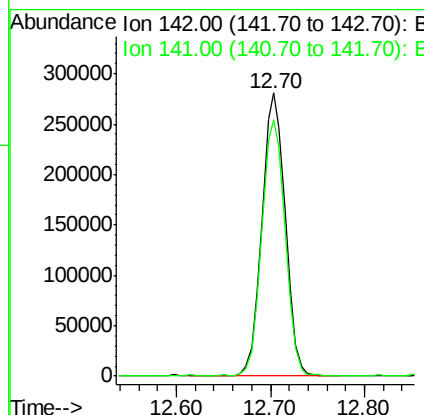
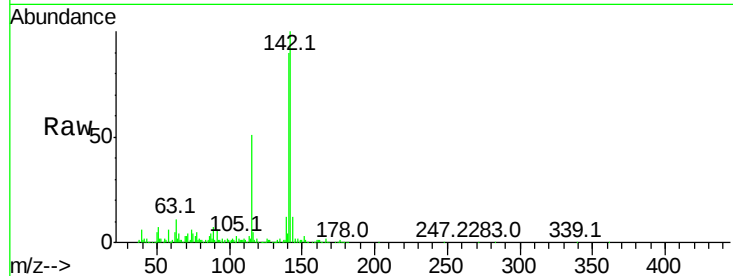
#34
2-Methylnaphthalene
Concen: 40.53 ng/ul
RT: 12.70 min Scan# 1679
Delta R.T. 0.01 min
Lab File: BG025242.D
Acq: 16 Dec 2016 10:59

Instrument :
BNA_G
ClientSampleId :
DA874

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	68.6	102.8

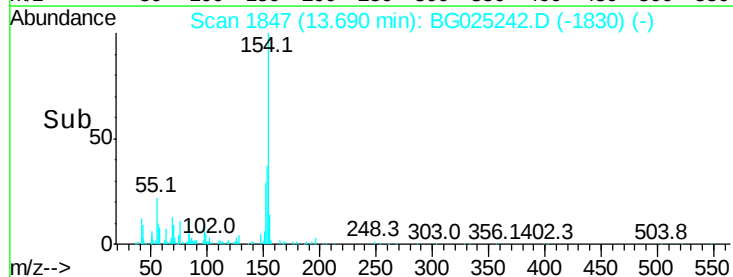
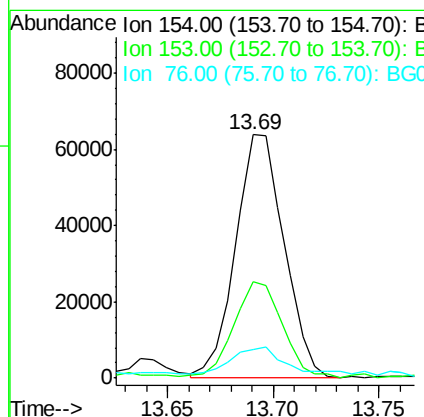
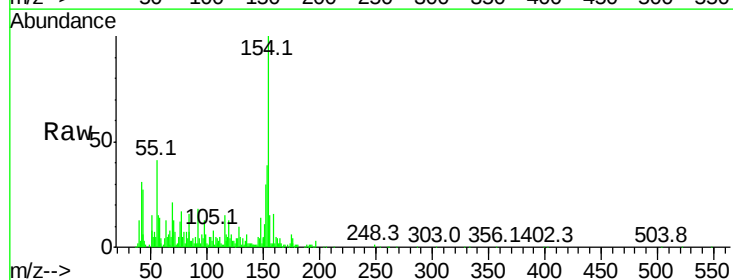
Manual Integrations
APPROVED

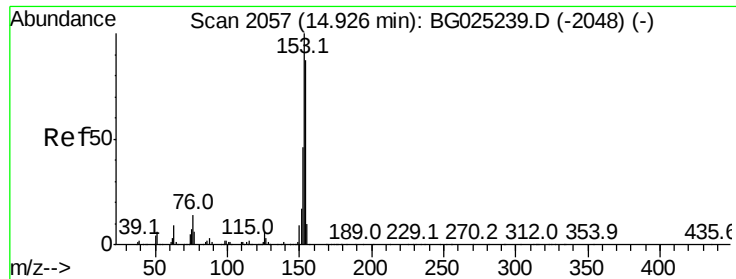
UMANGI
12/16/2016 6:21:53 PM



#40
1,1'-Biphenyl
Concen: 6.93 ng/ul
RT: 13.69 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BG025242.D
Acq: 16 Dec 2016 10:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.3	32.2	48.2
76	11.8	9.6	14.4





#49

Acenaphthene

Concen: 2.94 ng/ul

RT: 14.93 min Scan# 2058

Delta R.T. 0.01 min

Lab File: BG025242.D

Acq: 16 Dec 2016 10:59

Instrument :

BNA_G

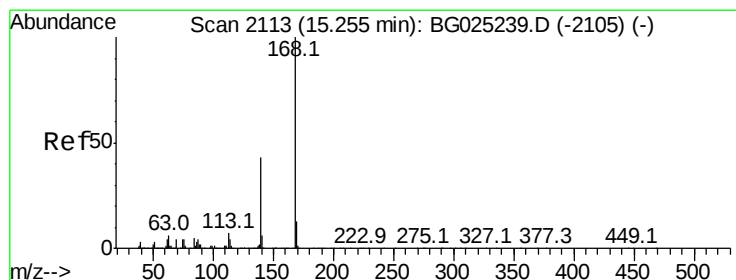
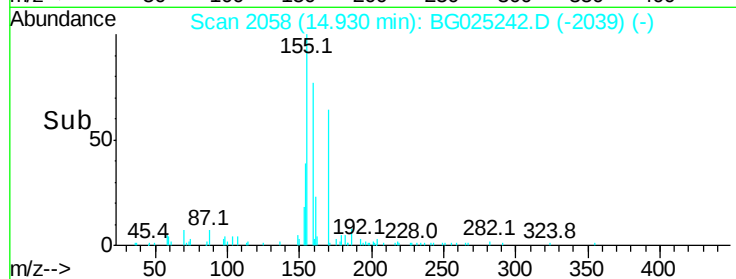
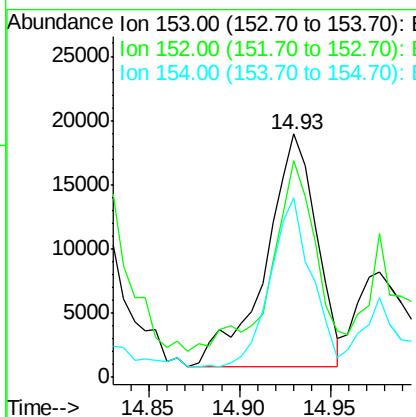
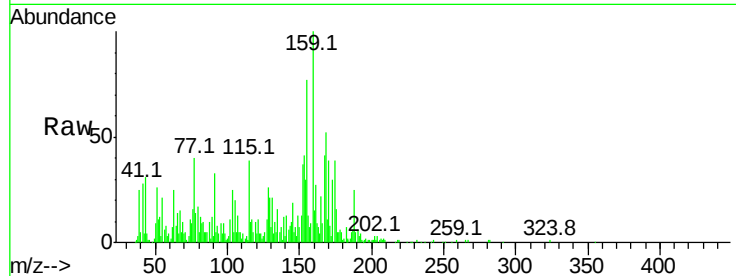
ClientSampleId :

DA874

Tot Ion:	153	Resp:	35752
Ion Ratio	Lower	Upper	
153	100		
152	89.0	36.5	54.7#
154	73.6	72.3	108.5

Manual Integrations
APPROVED

UMANGI
12/16/2016 6:21:53 PM



#53

Dibenzofuran

Concen: 18.83 ng/ul

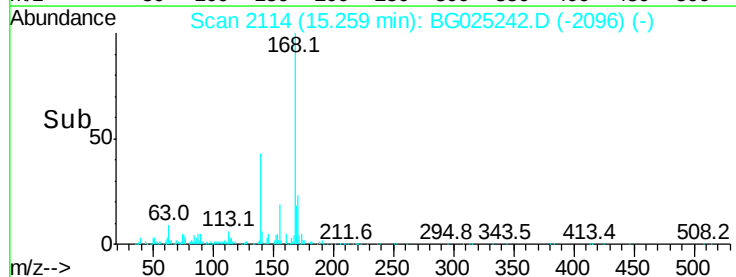
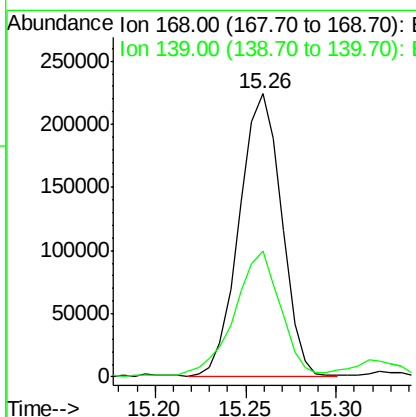
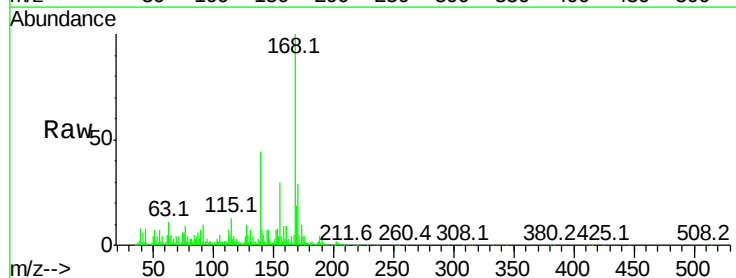
RT: 15.26 min Scan# 2114

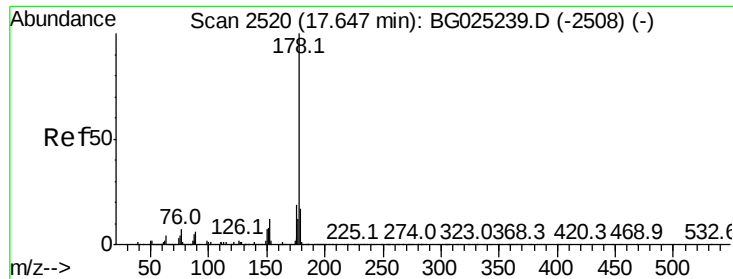
Delta R.T. 0.01 min

Lab File: BG025242.D

Acq: 16 Dec 2016 10:59

Tgt Ion:	168	Resp:	361780
Ion Ratio	Lower	Upper	
168	100		
139	44.3	33.8	50.8





#69

Phenanthrene

Concen: 31.57 ng/ul

RT: 17.65 min Scan# 2521

Delta R.T. 0.01 min

Lab File: BG025242.D

Acq: 16 Dec 2016 10:59

Instrument :

BNA_G

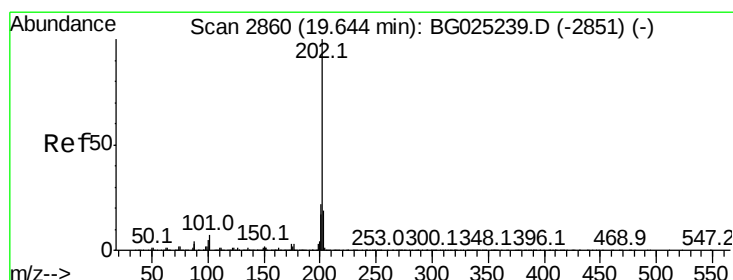
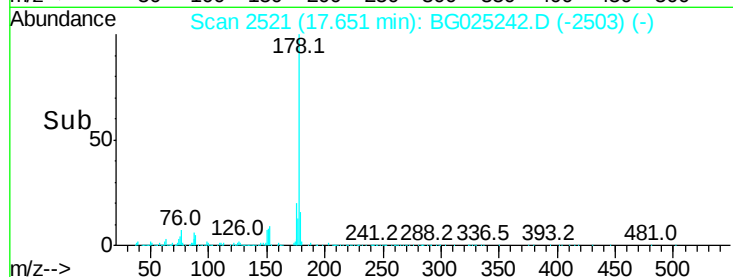
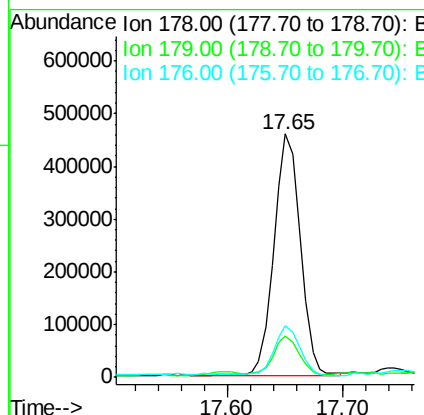
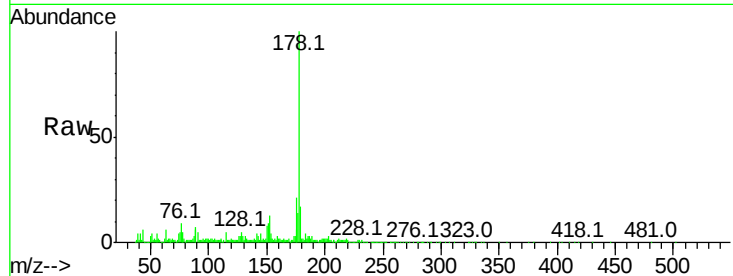
ClientSampleId :

DA874

Tot Ion:	178	Resp:	731608
Ion Ratio	Lower	Upper	
178	100		
179	17.0	12.4	18.6
176	21.3	16.5	24.7

Manual Integrations
APPROVED

UMANGI
12/16/2016 6:21:53 PM



#74

Fluoranthene

Concen: 16.73 ng/ul

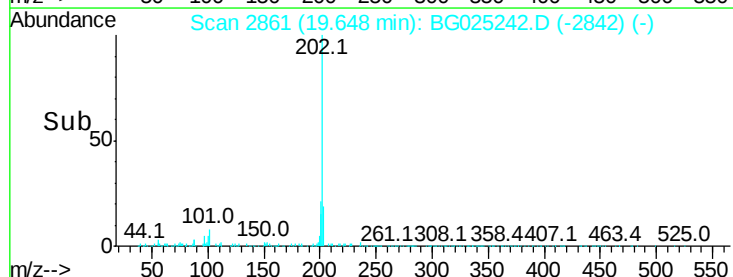
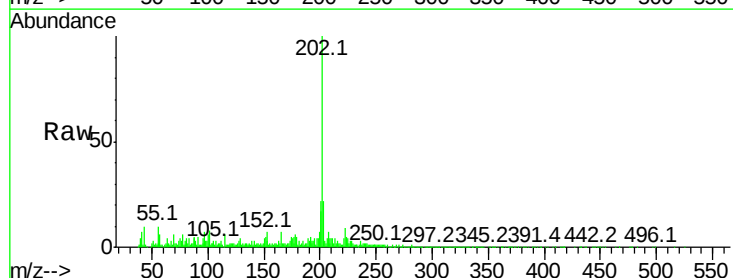
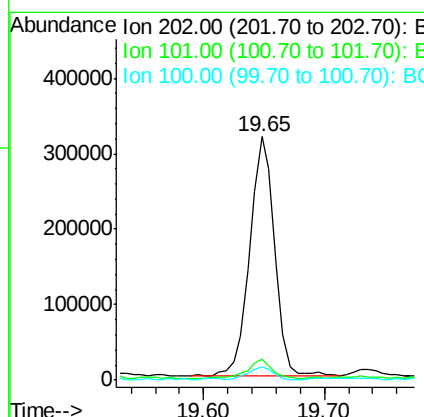
RT: 19.65 min Scan# 2861

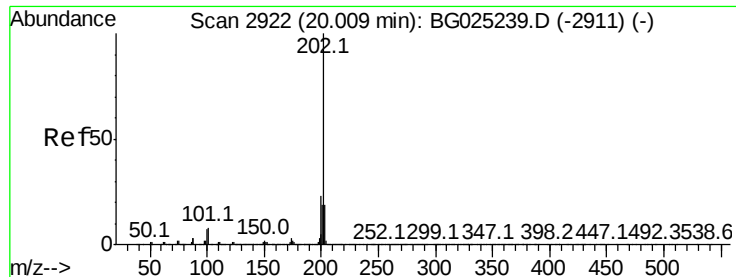
Delta R.T. 0.01 min

Lab File: BG025242.D

Acq: 16 Dec 2016 10:59

Tgt Ion:	202	Resp:	460806
Ion Ratio	Lower	Upper	
202	100		
101	8.4	6.2	9.2
100	5.5	5.2	7.8





#77

Pvrene

Concen: 14.47 ng/ul

RT: 20.01 min Scan# 2923

Delta R.T. 0.01 min

Lab File: BG025242.D

Acq: 16 Dec 2016 10:59

Instrument :

BNA_G

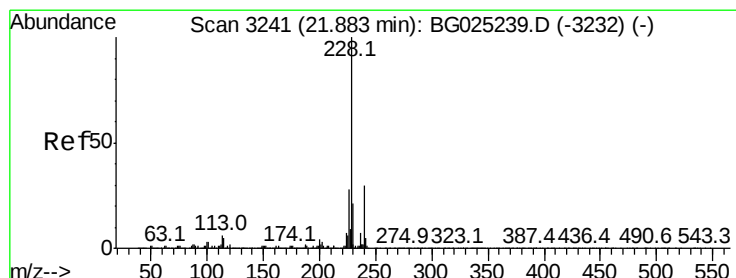
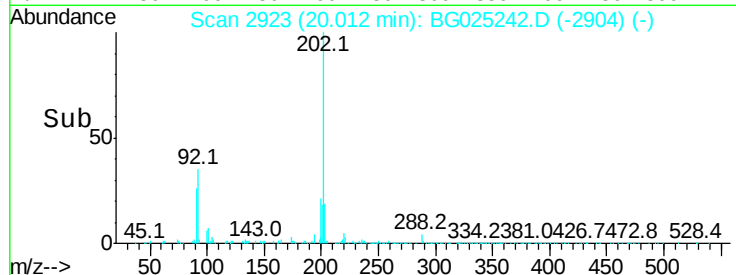
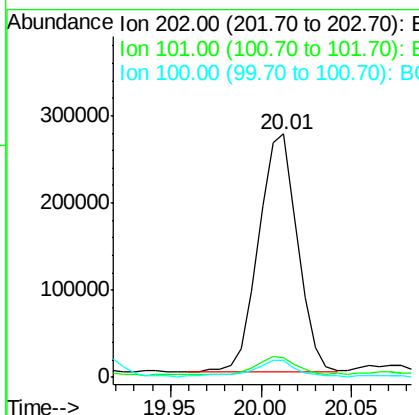
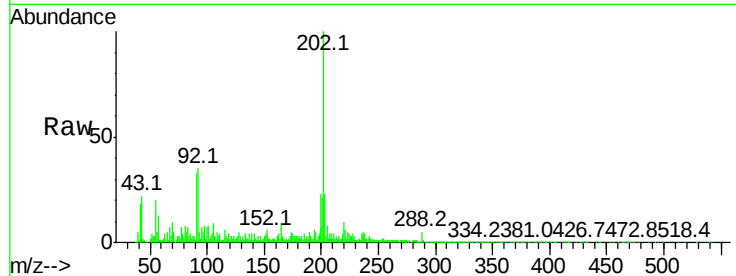
ClientSampleId :

DA874

Tot Ion:	202	Resp:	409816
Ion Ratio	Lower	Upper	
202	100		
101	8.1	6.9	10.3
100	6.9	6.6	10.0

Manual Integrations
APPROVED

UMANGI
12/16/2016 6:21:53 PM



#80

Benzo(a)anthracene

Concen: 3.93 ng/ul

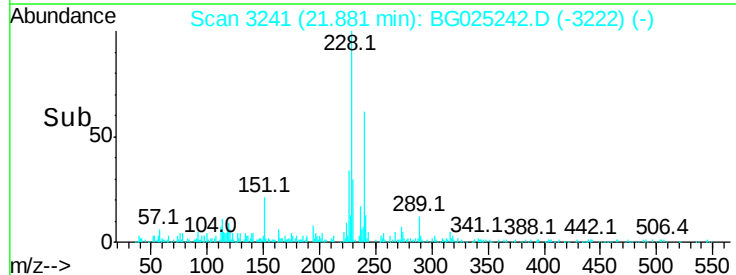
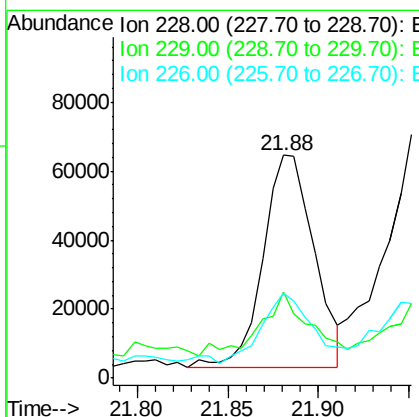
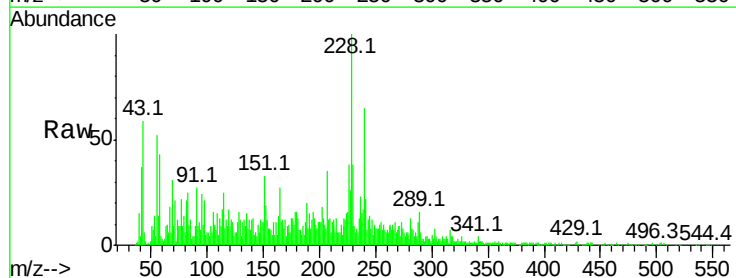
RT: 21.88 min Scan# 3241

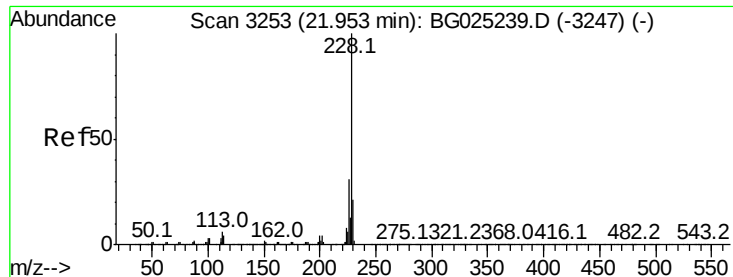
Delta R.T. 0.01 min

Lab File: BG025242.D

Acq: 16 Dec 2016 10:59

Tgt Ion:	228	Resp:	120176
Ion Ratio	Lower	Upper	
228	100		
229	38.5	16.3	24.5#
226	38.4	21.9	32.9#





#82

Chrysene

Concen: 4.61 ng/ul

RT: 21.95 min Scan# 3253

Delta R.T. 0.01 min

Lab File: BG025242.D

Acq: 16 Dec 2016 10:59

Instrument :

BNA_G

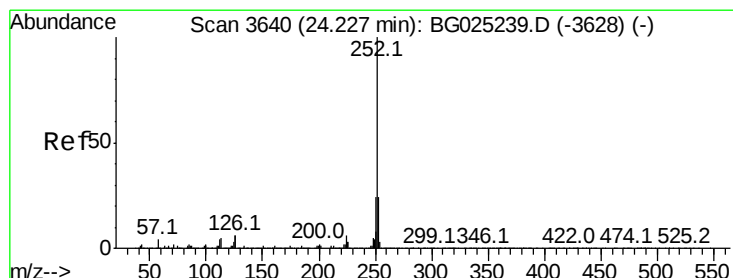
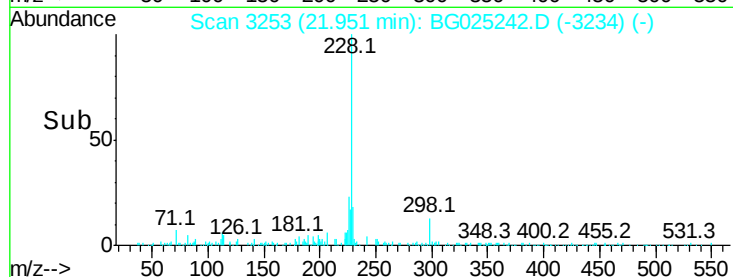
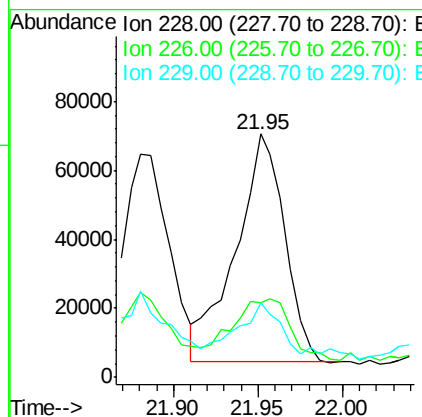
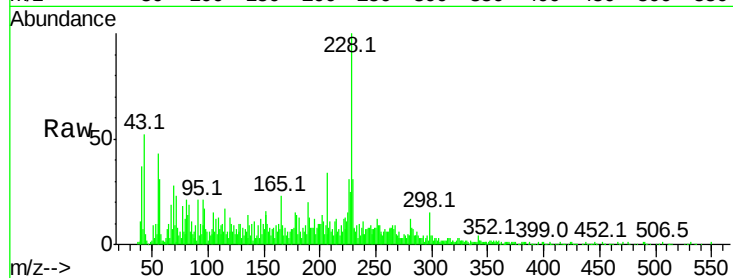
ClientSampleId :

DA874

Tot Ion:	228	Resp:	131908
Ion Ratio		Lower	Upper
228	100		
226	30.6	24.0	36.0
229	30.7	16.9	25.3#

Manual Integrations
APPROVED

UMANGI
12/16/2016 6:21:53 PM



#85

Benzo(b)fluoranthene

Concen: 4.36 ng/ul

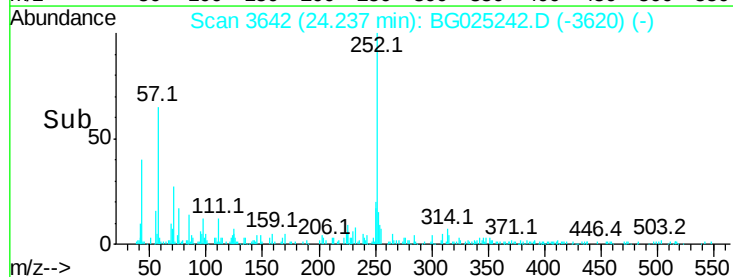
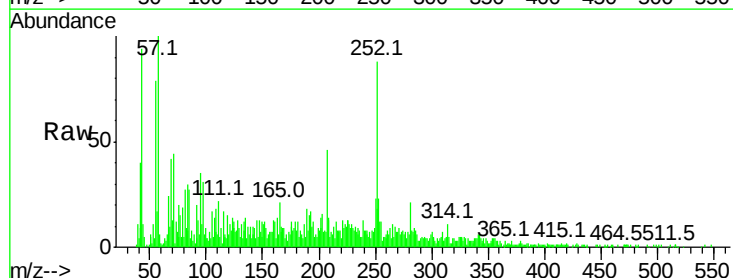
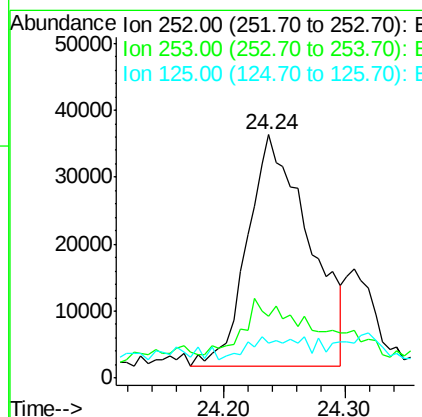
RT: 24.24 min Scan# 3642

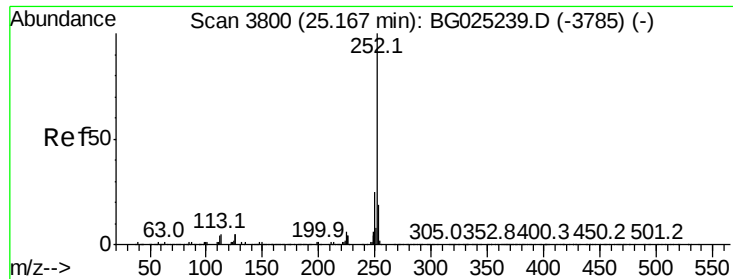
Delta R.T. 0.03 min

Lab File: BG025242.D

Acq: 16 Dec 2016 10:59

Tgt Ion:	252	Resp:	121897
Ion Ratio		Lower	Upper
252	100		
253	25.6	17.7	26.5
125	14.2	4.0	6.0#





#88

Benzo(a)pyrene

Concen: 1.85 ng/ul

RT: 25.18 min Scan# 3802

Delta R.T. 0.03 min

Lab File: BG025242.D

Acq: 16 Dec 2016 10:59

Instrument :

BNA_G

ClientSampleId :

DA874

Tot Ion:	252	Resp:	49827
Ion Ratio	Lower	Upper	
252	100		
253	38.7	17.8	26.6#
125	20.7	5.4	8.0#

Manual Integrations
APPROVED

UMANGI
12/16/2016 6:21:53 PM

