

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110315\
 Data File : BG019449.D
 Acq On : 3 Nov 2015 13:05
 Operator : UM/NP
 Sample : G3996-18DL2 30X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7DL2

Manual Integrations
 APPROVED

Mmdadoda
 11/3/2015 2:50:11 PM

Quant Time: Nov 03 13:59:14 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 03 00:57:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	27490	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	118137m	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.82	164	92139m	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	258327	20.00	ng/ul	0.00
78) Chrysene-d12	21.84	240	334725	20.00	ng/ul	0.00
86) Perylene-d12	25.19	264	324103	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	7.33	99	2389	0.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	1693	1.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	1473	0.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	1991	0.99	ng/ul	0.00
19) Nitrobenzene-d5	9.36	128	1048m	1.21	ng/ul	0.00
22) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	10.63	165	1793	0.80	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	13130m	5.80	ng/ul	0.01
44) Dimethylphthalate-d6	14.21	166	7727	1.02	ng/ul	0.00
47) Acenaphthylene-d8	14.51	160	8543	1.02	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	1145	0.95	ng/ul	-0.01
58) Fluorene-d10	15.80	176	10236	1.46	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.91	200	1783	1.07	ng/ul	0.00
71) Anthracene-d10	17.65	188	11719	1.00	ng/ul	-0.01
79) Pyrene-d10	19.93	212	13267	0.91	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.94	264	14138	0.87	ng/ul	-0.03

Target Compounds

					Qvalue	
6) Phenol	7.35	94	77852	28.96	ng/ul	97
11) 2-Methylphenol	8.62	108	112979	56.82	ng/ul	90
14) Acetophenone	9.00	105	28141	8.34	ng/ul	91
16) 4-Methylphenol	8.96	108	239168	110.16	ng/ul	97
24) 2,4-Dimethylphenol	10.17	107	235292m	76.95	ng/ul	
28) Naphthalene	11.06	128	140078m	23.70	ng/ul	
34) 2-Methylnaphthalene	12.65	142	76750m	16.16	ng/ul	
35) 1-Methylnaphthalene	12.88	142	45275	10.07	ng/ul	99
41) 1,1'-Biphenyl	13.65	154	24023	3.69	ng/ul#	94
50) Acenaphthene	14.87	153	8521	1.46	ng/ul	89
54) Dibenzofuran	15.21	168	39477	4.61	ng/ul	98
59) Fluorene	15.86	166	29298	3.92	ng/ul#	96
70) Phenanthrene	17.59	178	61804	4.74	ng/ul#	94
72) Anthracene	17.68	178	13858	1.04	ng/ul#	84
77) Fluoranthene	19.59	202	19777	1.17	ng/ul#	86
80) Pyrene	19.96	202	21179	1.13	ng/ul#	94

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

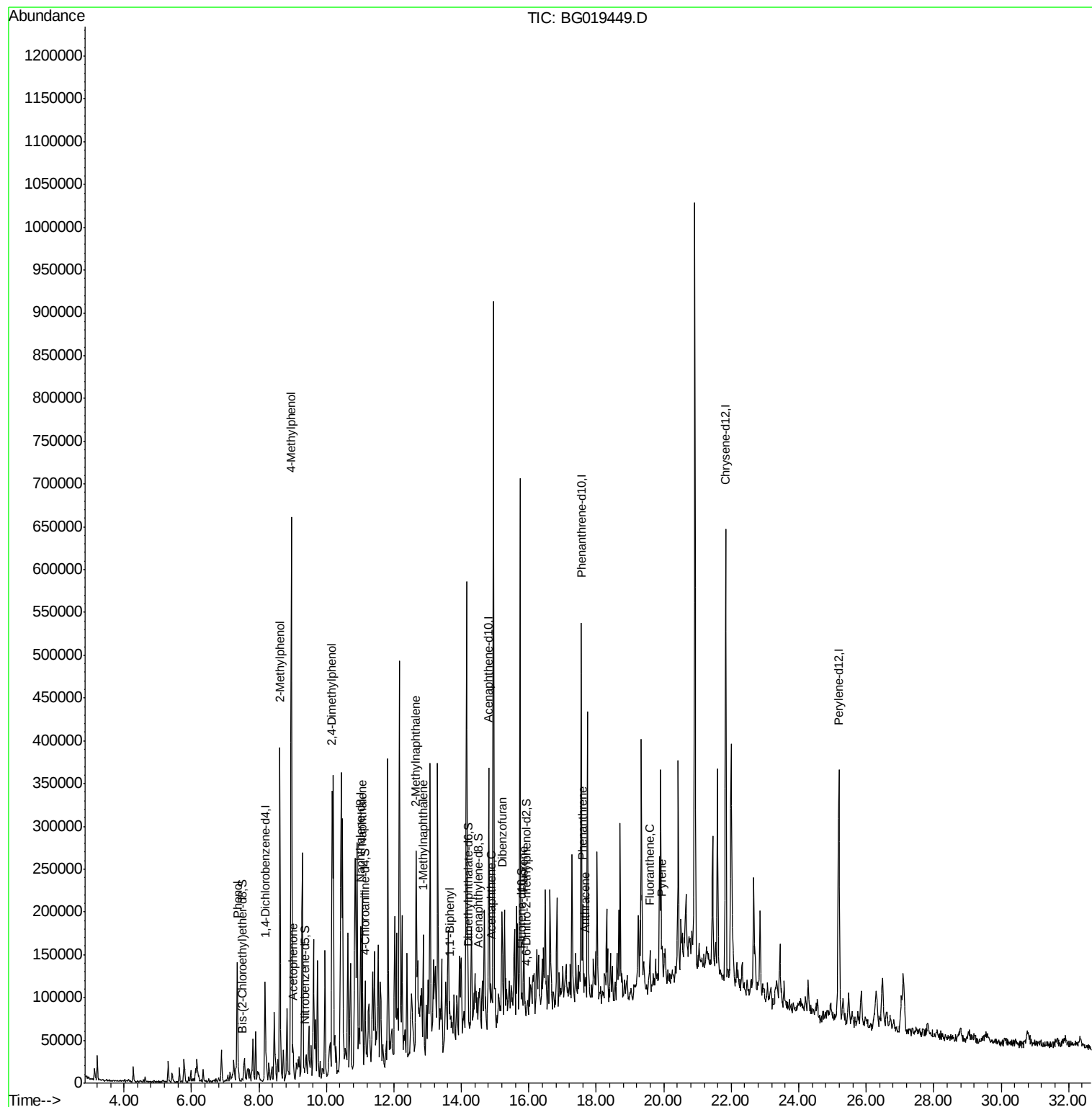
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110315\
Data File : BG019449.D
Acq On : 3 Nov 2015 13:05
Operator : UM/NP
Sample : G3996-18DL2 30X
Misc :
ALS Vial : 3 Sample Multiplier: 1

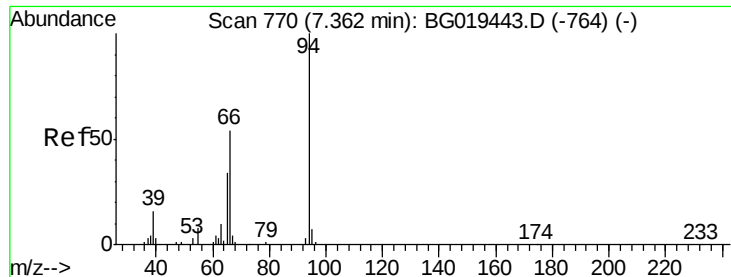
Instrument :
BNA_G
ClientSampleId :
E5LK7DL2

Manual Integrations
APPROVED

Mmdadoda
11/3/2015 2:50:11 PM

Quant Time: Nov 03 13:59:14 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 03 00:57:47 2015
Response via : Initial Calibration





#6

Phenol

Concen: 28.96 ng/ul

RT: 7.35 min Scan# 768

Delta R.T. -0.01 min

Lab File: BG019449.D

Acq: 3 Nov 2015 13:05

Instrument :

BNA_G

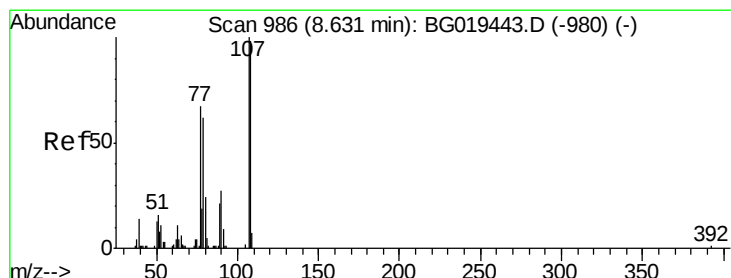
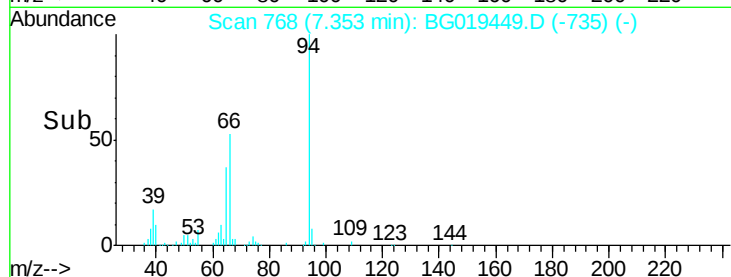
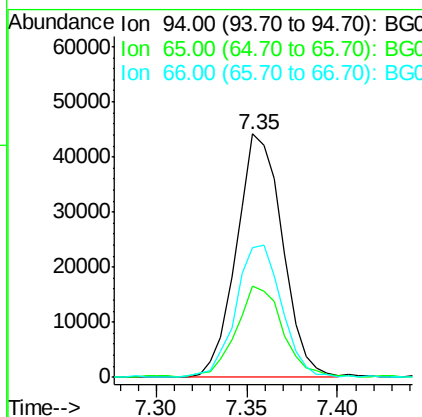
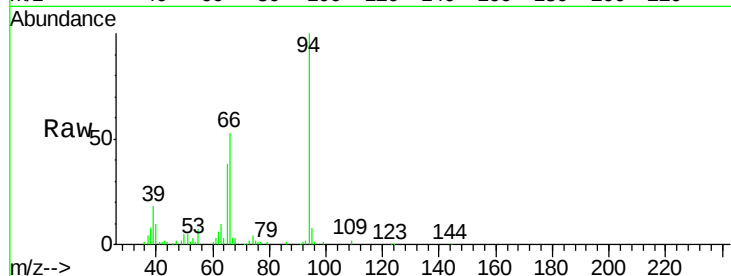
ClientSampleId :

E5LK7DL2

Tgt Ion:	94	Resp:	77852
Ion	Ratio	Lower	Upper
94	100		
65	37.6	29.3	43.9
66	53.3	45.0	67.6

Manual Integrations
APPROVED

Mmdadoda
11/3/2015 2:50:11 PM



#11

2-Methylphenol

Concen: 56.82 ng/ul

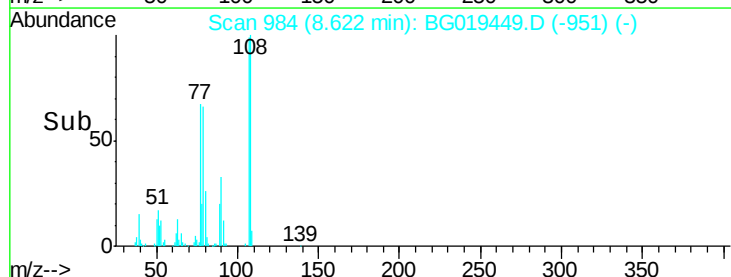
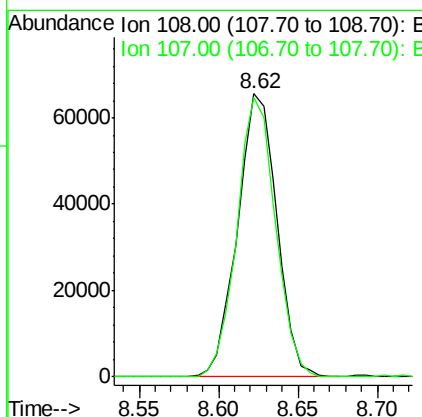
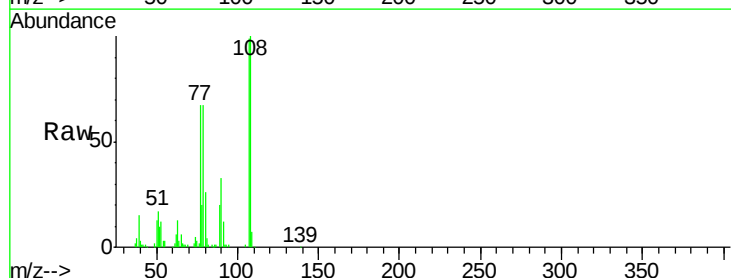
RT: 8.62 min Scan# 984

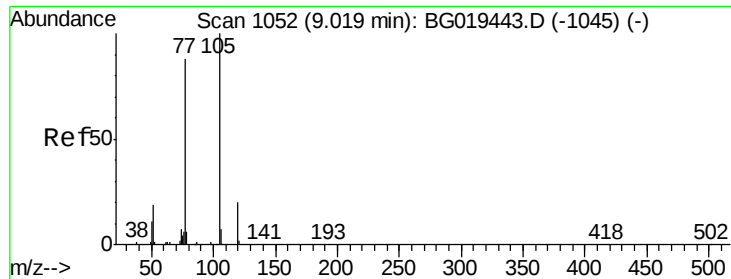
Delta R.T. -0.01 min

Lab File: BG019449.D

Acq: 3 Nov 2015 13:05

Tgt Ion:	108	Resp:	112979
Ion	Ratio	Lower	Upper
108	100		
107	98.8	71.2	106.8





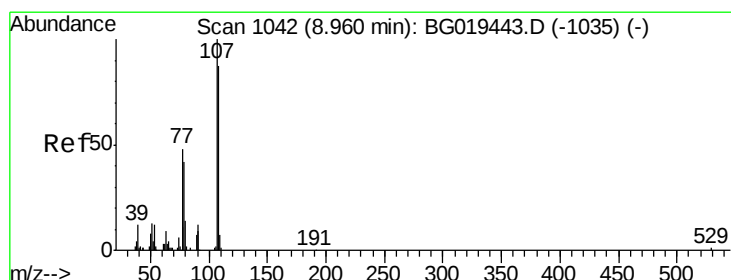
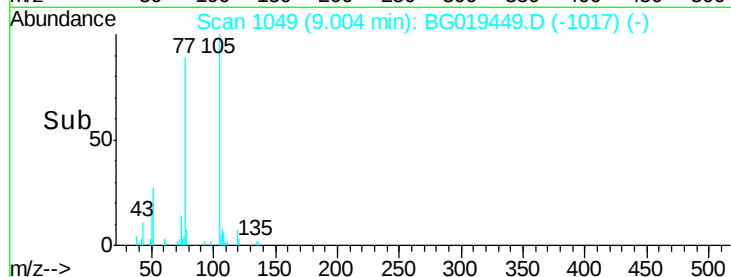
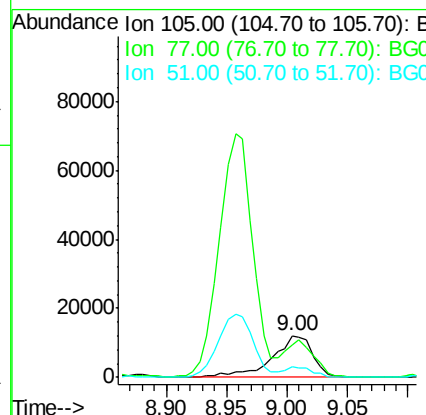
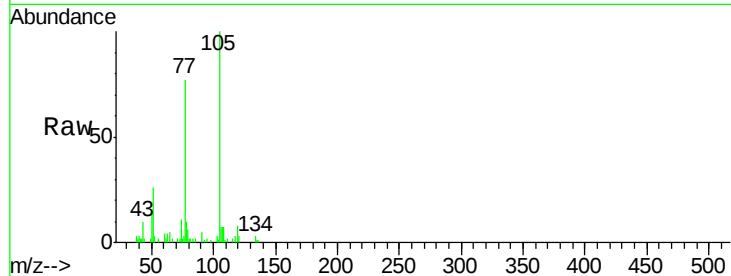
#14
Acetophenone
Concen: 8.34 ng/ul
RT: 9.00 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BG019449.D
Acq: 3 Nov 2015 13:05

Instrument :
BNA_G
ClientSampleId :
E5LK7DL2

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	28141		
77	77.2	69.5	104.3	
51	25.9	21.8	32.6	

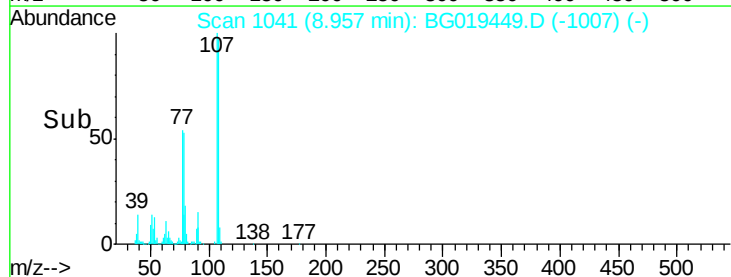
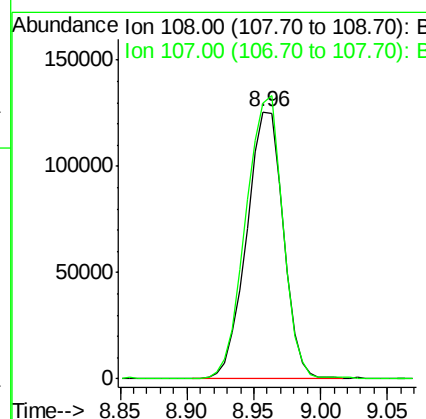
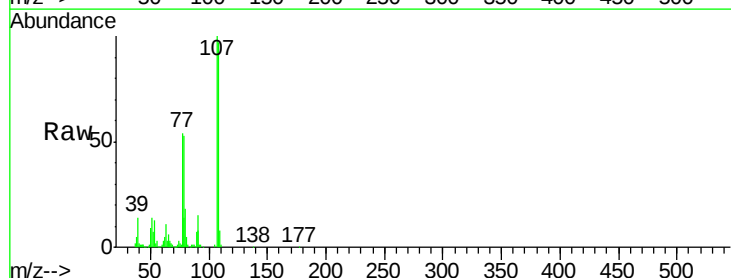
Manual Integrations
APPROVED

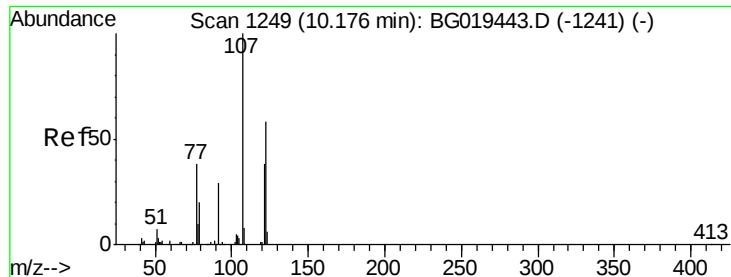
Mmdadoda
11/3/2015 2:50:11 PM



#16
4-Methylphenol
Concen: 110.16 ng/ul
RT: 8.96 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG019449.D
Acq: 3 Nov 2015 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
108	100	239168		
107	103.2	85.4	128.2	





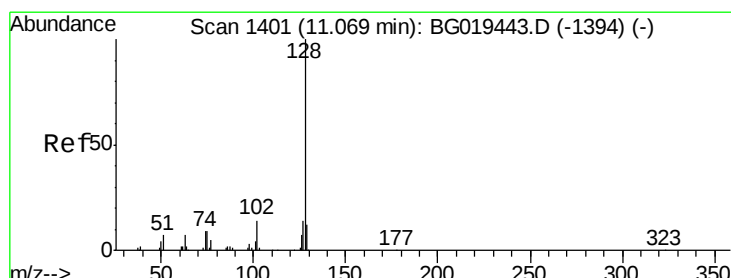
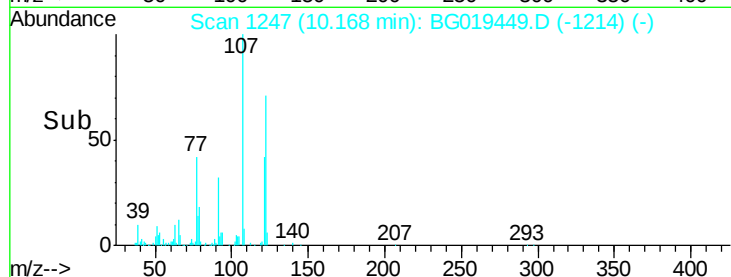
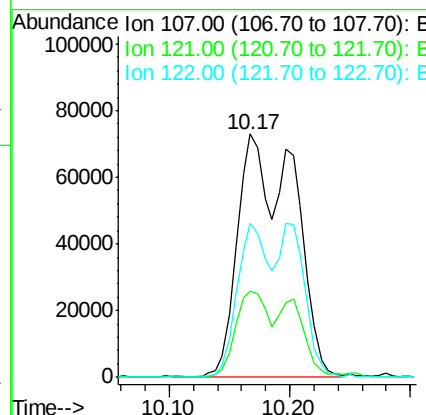
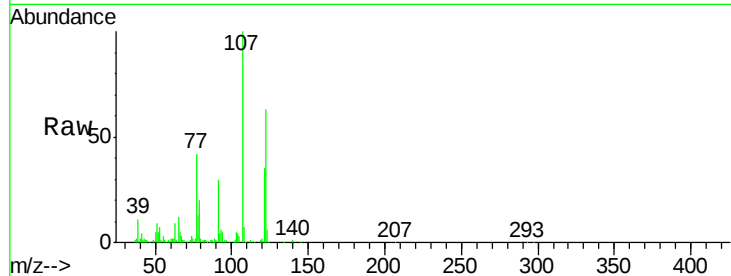
#24
2,4-Dimethylphenol
Concen: 76.95 ng/ul m
RT: 10.17 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BG019449.D
Acq: 3 Nov 2015 13:05

Instrument :
BNA_G
ClientSampleId :
E5LK7DL2

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
121	35.5	33.0	49.4
122	63.0	54.2	81.2

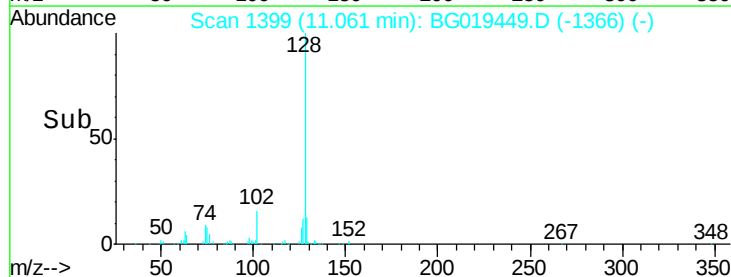
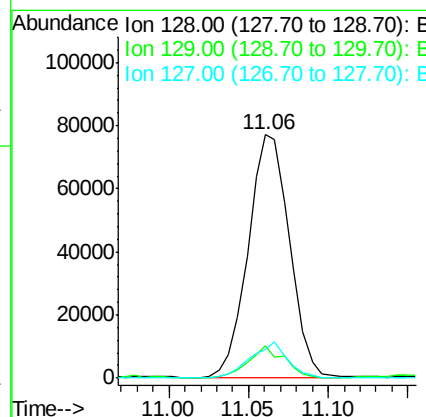
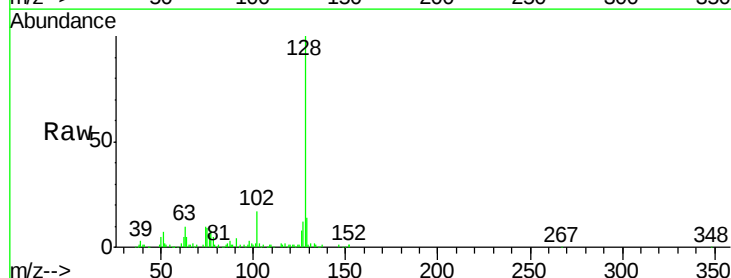
Manual Integrations
APPROVED

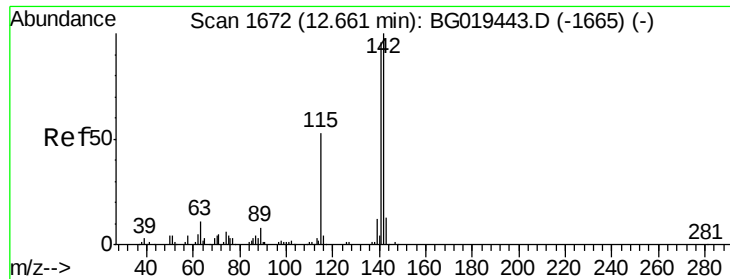
Mmdadoda
11/3/2015 2:50:11 PM



#28
Naphthalene
Concen: 23.70 ng/ul m
RT: 11.06 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BG019449.D
Acq: 3 Nov 2015 13:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	13.6	8.9	13.3#
127	12.0	13.1	19.7#





#34

2-Methylnaphthalene

Concen: 16.16 ng/ul m

RT: 12.65 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BG019449.D

Acq: 3 Nov 2015 13:05

Instrument :

BNA_G

ClientSampleId :

E5LK7DL2

Tgt Ion:142 Resp: 76750

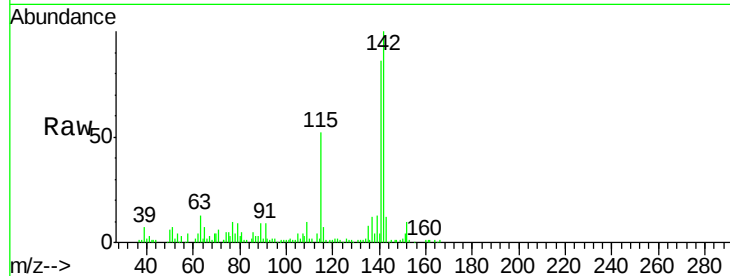
Ion Ratio Lower Upper

142 100

141 85.6 73.4 110.2

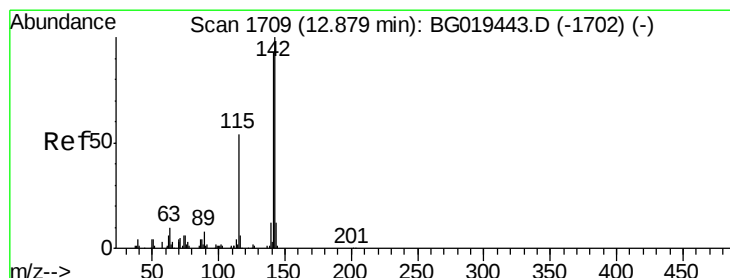
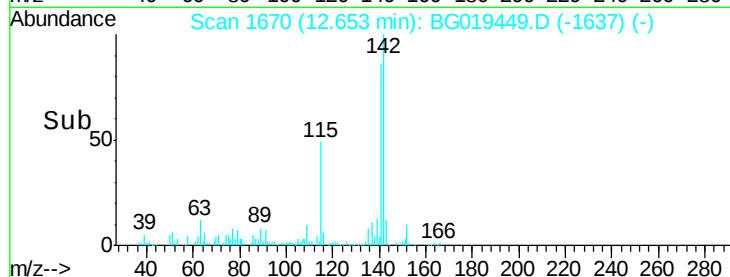
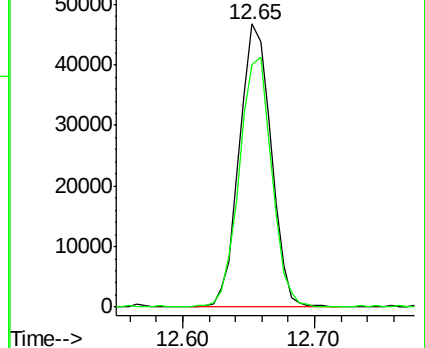
Manual Integrations
APPROVED

Mmdadoda
11/3/2015 2:50:11 PM



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#35

1-Methylnaphthalene

Concen: 10.07 ng/ul

RT: 12.88 min Scan# 1708

Delta R.T. -0.00 min

Lab File: BG019449.D

Acq: 3 Nov 2015 13:05

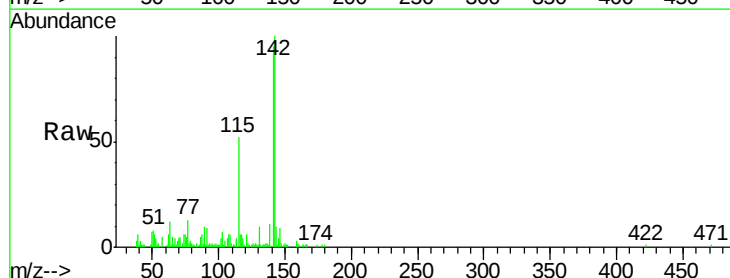
Tgt Ion:142 Resp: 45275

Ion Ratio Lower Upper

142 100

141 94.8 76.5 114.7

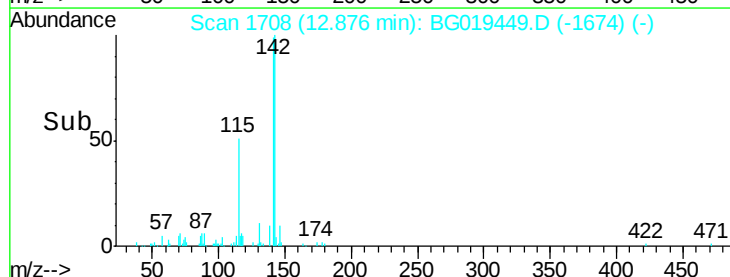
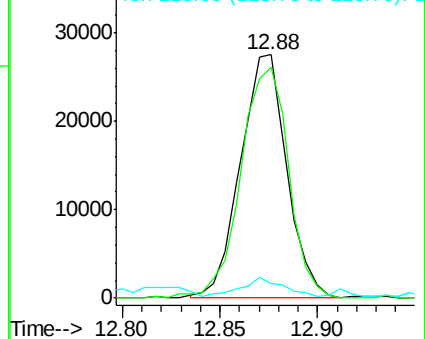
116 5.8 5.4 8.0

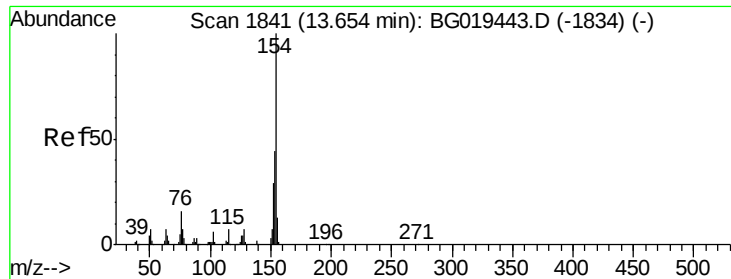


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





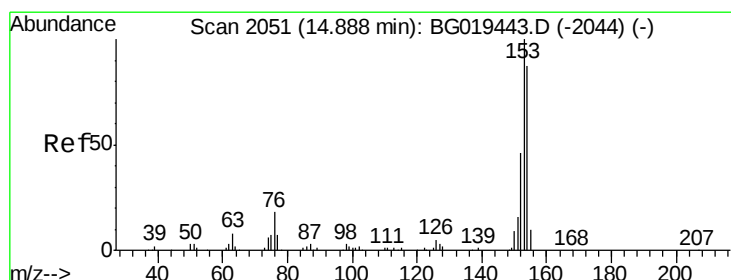
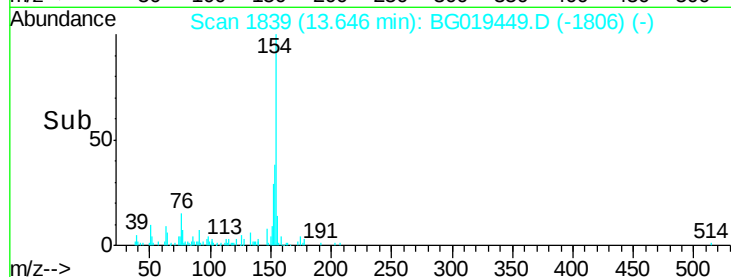
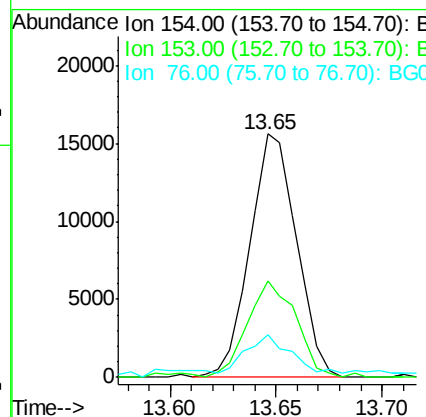
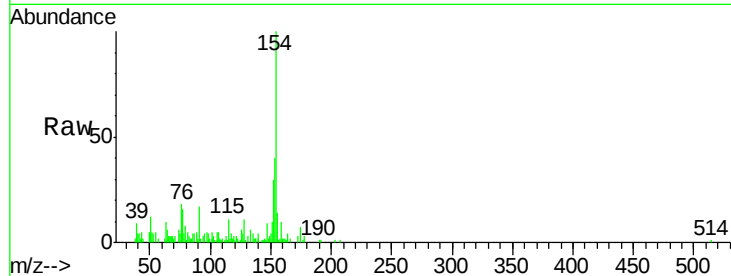
#41
 1,1'-Biphenyl
 Concen: 3.69 ng/ul
 RT: 13.65 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BG019449.D
 Acq: 3 Nov 2015 13:05

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7DL2

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.6	32.8	49.2
76	17.8	7.7	11.5#

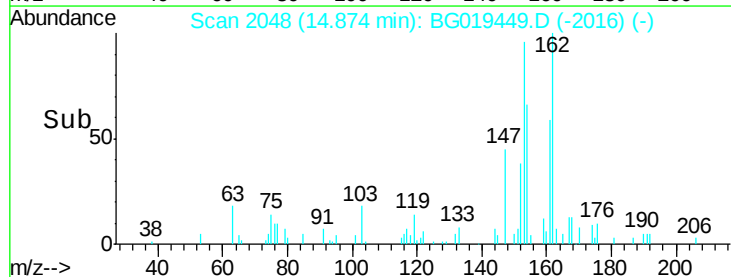
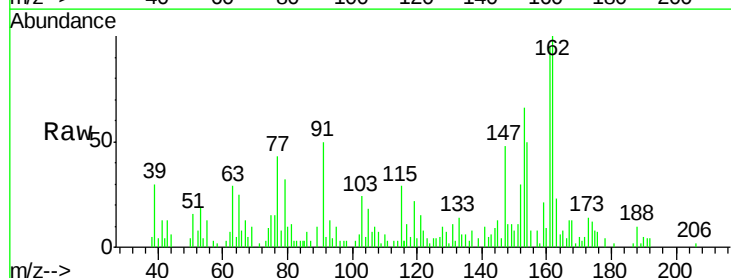
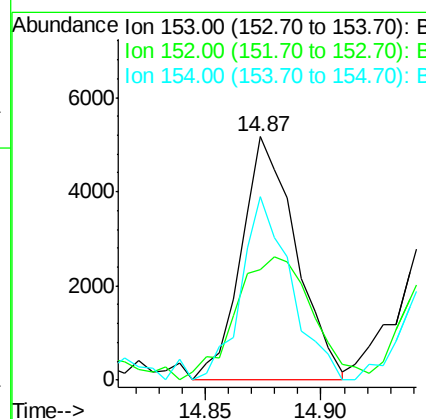
Manual Integrations
 APPROVED

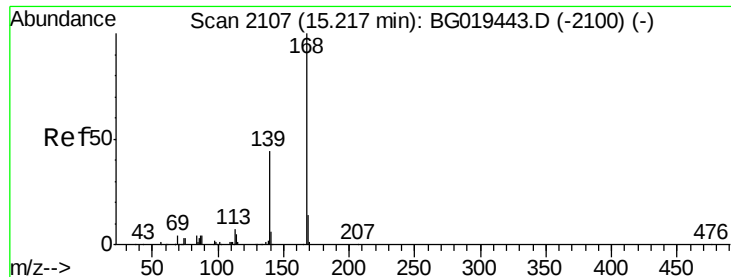
Mmdadoda
 11/3/2015 2:50:11 PM



#50
 Acenaphthene
 Concen: 1.46 ng/ul
 RT: 14.87 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BG019449.D
 Acq: 3 Nov 2015 13:05

Tgt Ion	Ratio	Lower	Upper
153	100		
152	45.2	38.8	58.2
154	75.3	71.5	107.3





#54

Dibenzenofuran

Concen: 4.61 ng/ul

RT: 15.21 min Scan# 2105

Delta R.T. -0.01 min

Lab File: BG019449.D

Acq: 3 Nov 2015 13:05

Instrument :

BNA_G

ClientSampleId :

E5LK7DL2

Tgt Ion:168 Resp: 39477

Ion Ratio Lower Upper

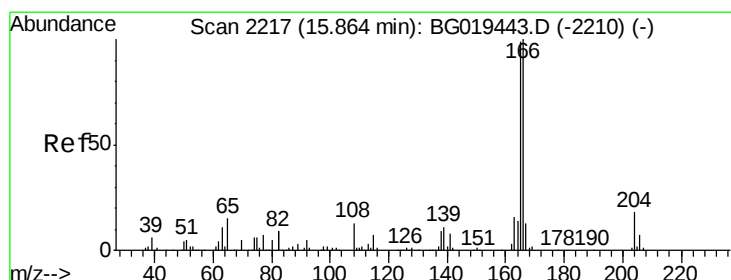
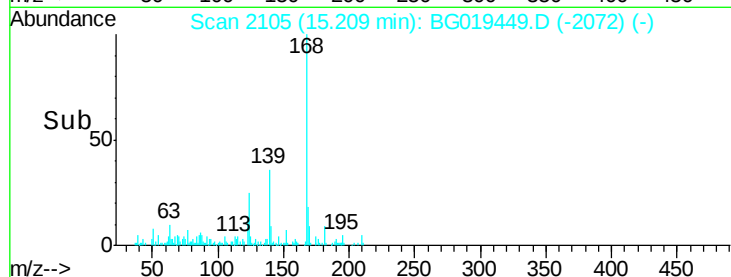
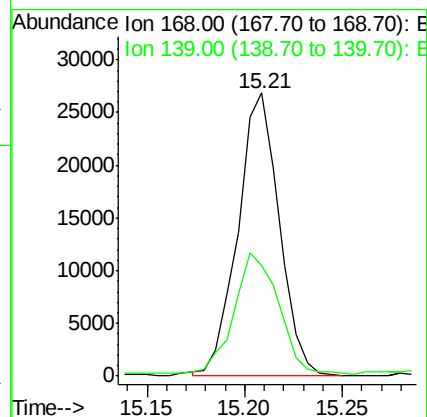
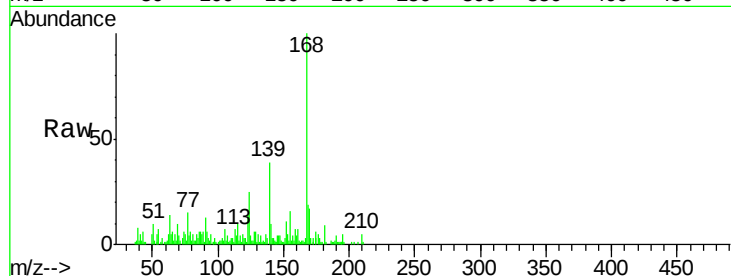
168 100

139 39.2 32.4 48.6

Manual Integrations
APPROVED

Mmdadoda

11/3/2015 2:50:11 PM



#59

Fluorene

Concen: 3.92 ng/ul

RT: 15.86 min Scan# 2215

Delta R.T. -0.01 min

Lab File: BG019449.D

Acq: 3 Nov 2015 13:05

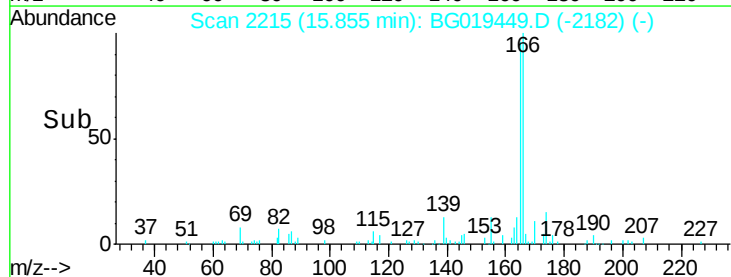
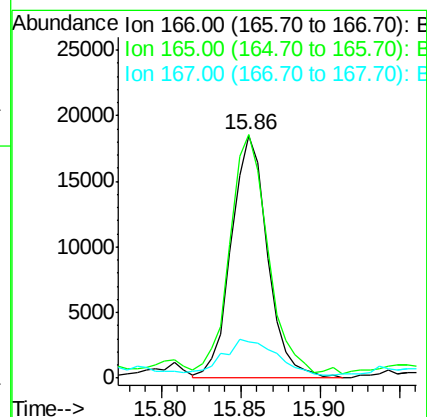
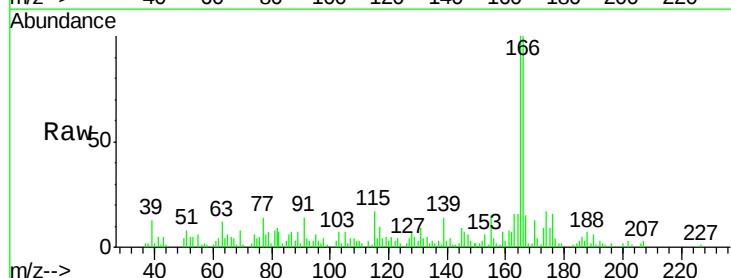
Tgt Ion:166 Resp: 29298

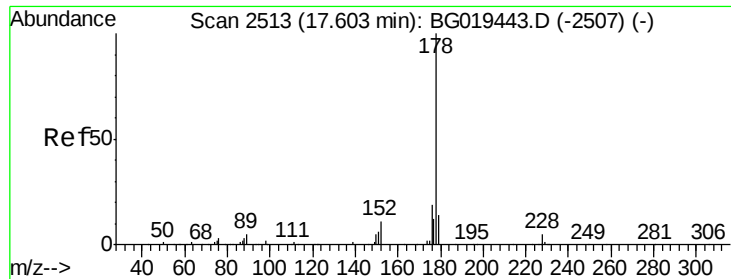
Ion Ratio Lower Upper

166 100

165 100.2 77.6 116.4

167 15.2 9.6 14.4#





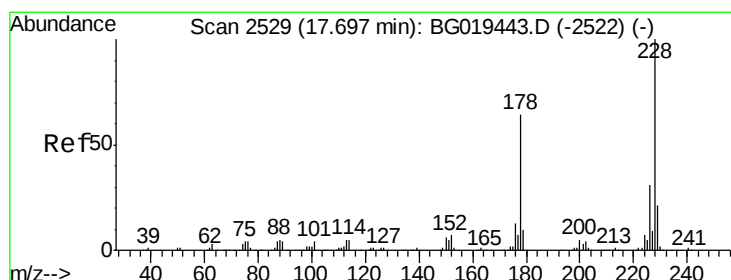
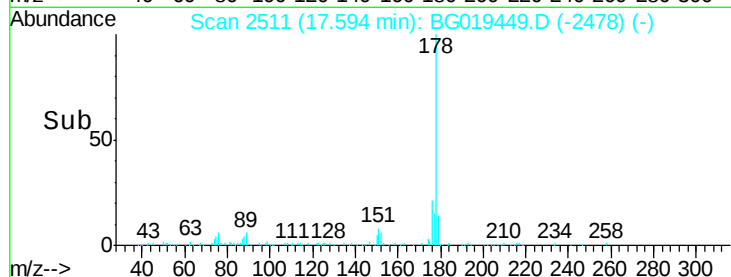
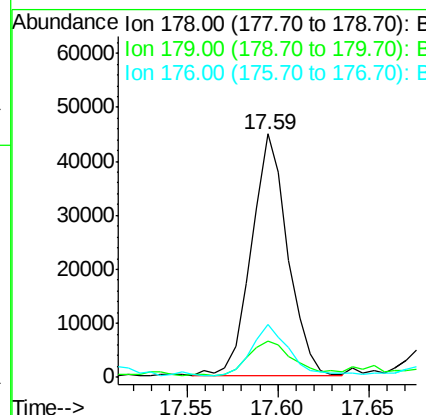
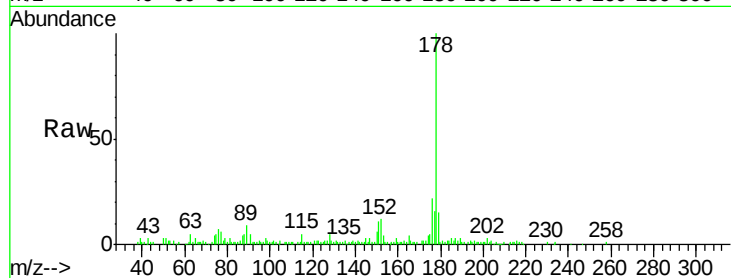
#70
 Phenanthrene
 Concen: 4.74 ng/ul
 RT: 17.59 min Scan# 2511
 Delta R.T. -0.01 min
 Lab File: BG019449.D
 Acq: 3 Nov 2015 13:05

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7DL2

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.6	18.8
176	21.8	14.3	21.5#

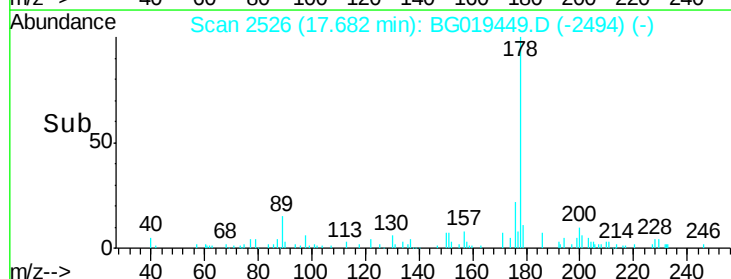
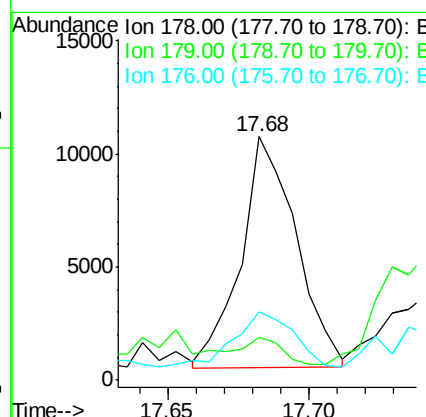
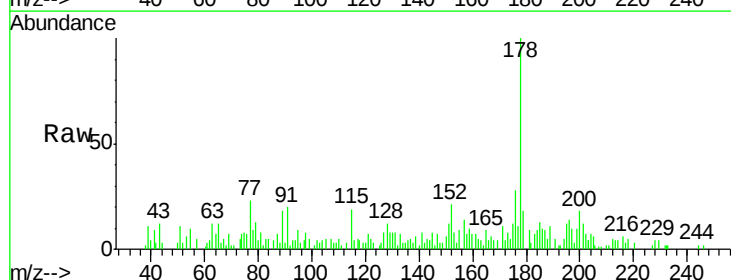
Manual Integrations
 APPROVED

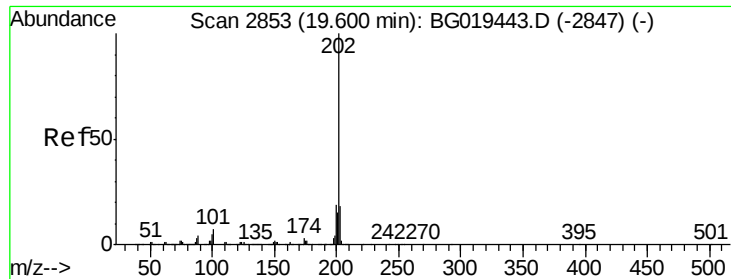
Mmdadoda
 11/3/2015 2:50:11 PM



#72
 Anthracene
 Concen: 1.04 ng/ul
 RT: 17.68 min Scan# 2526
 Delta R.T. -0.01 min
 Lab File: BG019449.D
 Acq: 3 Nov 2015 13:05

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.7	11.6	17.4#
176	27.9	14.2	21.4#





#77

Fluoranthene

Concen: 1.17 ng/ul

RT: 19.59 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG019449.D

Acq: 3 Nov 2015 13:05

Instrument :

BNA_G

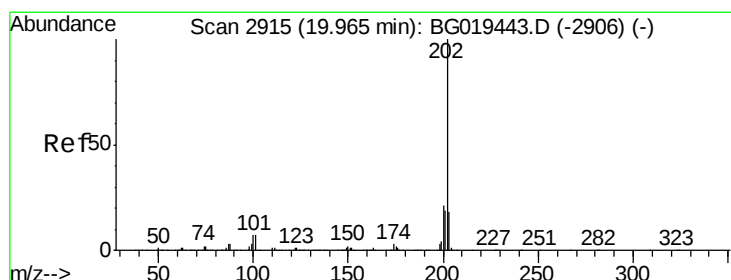
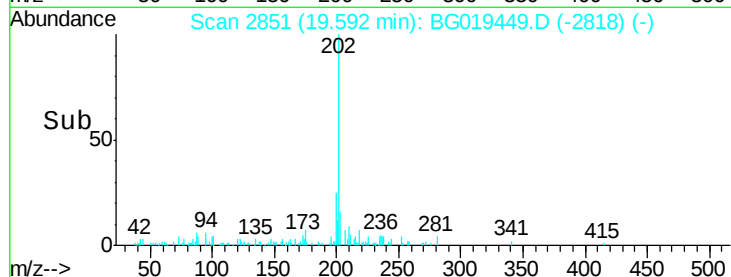
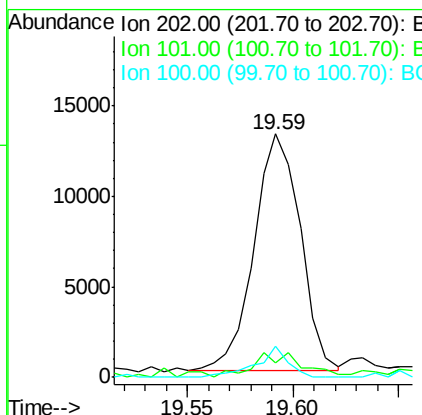
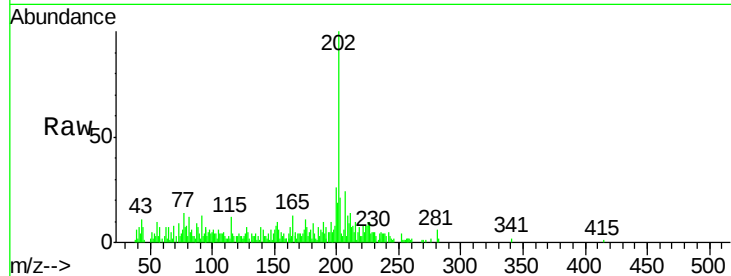
ClientSampleId :

E5LK7DL2

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	19777		
101	6.1	4.0	6.0#	
100	12.7	3.6	5.4#	

Manual Integrations
APPROVED

Mmdadoda
11/3/2015 2:50:11 PM



#80

Pyrene

Concen: 1.13 ng/ul

RT: 19.96 min Scan# 2913

Delta R.T. -0.01 min

Lab File: BG019449.D

Acq: 3 Nov 2015 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	21179		
101	6.1	4.3	6.5	
100	7.9	3.6	5.4#	

