

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
 Data File : BG025036.D
 Acq On : 9 Dec 2016 12:48
 Operator : UM/SJ
 Sample : H5863-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA7Y6

Manual Integrations
 APPROVED

Sohil
 12/12/2016 4:28:10 PM

Quant Time: Dec 12 01:14:54 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 11 23:54:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	123834	20.00	ng/ul	0.01
18) Naphthalene-d8	11.08	136	536371	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	432465	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	883816	20.00	ng/ul	0.01
75) Chrysene-d12	21.90	240	1109165	20.00	ng/ul	0.00
83) Perylene-d12	25.34	264	1199728	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	6791	2.83	ng/uL	0.00
5) Phenol-d5	7.39	99	162890	15.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	109943	16.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	122837	16.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	135965	15.23	ng/ul	0.01
19) Nitrobenzene-d5	9.42	128	67957	17.89	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	83602	17.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	148636	16.32	ng/ul	0.01
29) 4-Chloroaniline-d4	11.21	131	47168	5.27	ng/ul	0.00
43) Dimethylphthalate-d6	14.26	166	547697	18.41	ng/ul	0.00
46) Acenaphthylene-d8	14.57	160	573780	17.61	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	65655	12.84	ng/ul	0.02
57) Fluorene-d10	15.85	176	487243	17.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	105548	19.31	ng/ul	0.00
70) Anthracene-d10	17.71	188	703026	18.85	ng/ul	0.00
76) Pyrene-d10	19.98	212	778633	17.04	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.09	264	838552	17.25	ng/ul	0.02

Target Compounds

						Ovalue
6) Phenol	7.42	94	35785	3.26	ng/ul	93
14) Acetophenone	9.09	105	21972	1.62	ng/ul#	84
24) 2,4-Dimethylphenol	10.24	107	12226	1.11	ng/ul#	79
34) 2-Methylnaphthalene	12.71	142	32309	1.64	ng/ul	89
44) Dimethylphthalate	14.31	163	100497	3.44	ng/ul#	99
69) Phenanthrene	17.66	178	143168	3.39	ng/ul	96
74) Fluoranthene	19.65	202	208891	4.17	ng/ul#	95
77) Pyrene	20.01	202	198926	3.73	ng/ul#	93
80) Benzo(a)anthracene	21.89	228	142113	2.47	ng/ul	93
81) Bis(2-ethylhexyl)phthalate	21.74	149	412475	14.36	ng/ul#	97
82) Chrysene	21.95	228	172952	3.21	ng/ul	95
85) Benzo(b)fluoranthene	24.23	252	275364	4.63	ng/ul#	88
86) Benzo(k)fluoranthene	24.30	252	86902m	1.54	ng/ul	
88) Benzo(a)pyrene	25.17	252	150868	2.64	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	29.26	276	119949	1.69	ng/ul#	90
91) Benzo(g,h,i)perylene	30.49	276	100587	1.70	ng/ul#	90

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

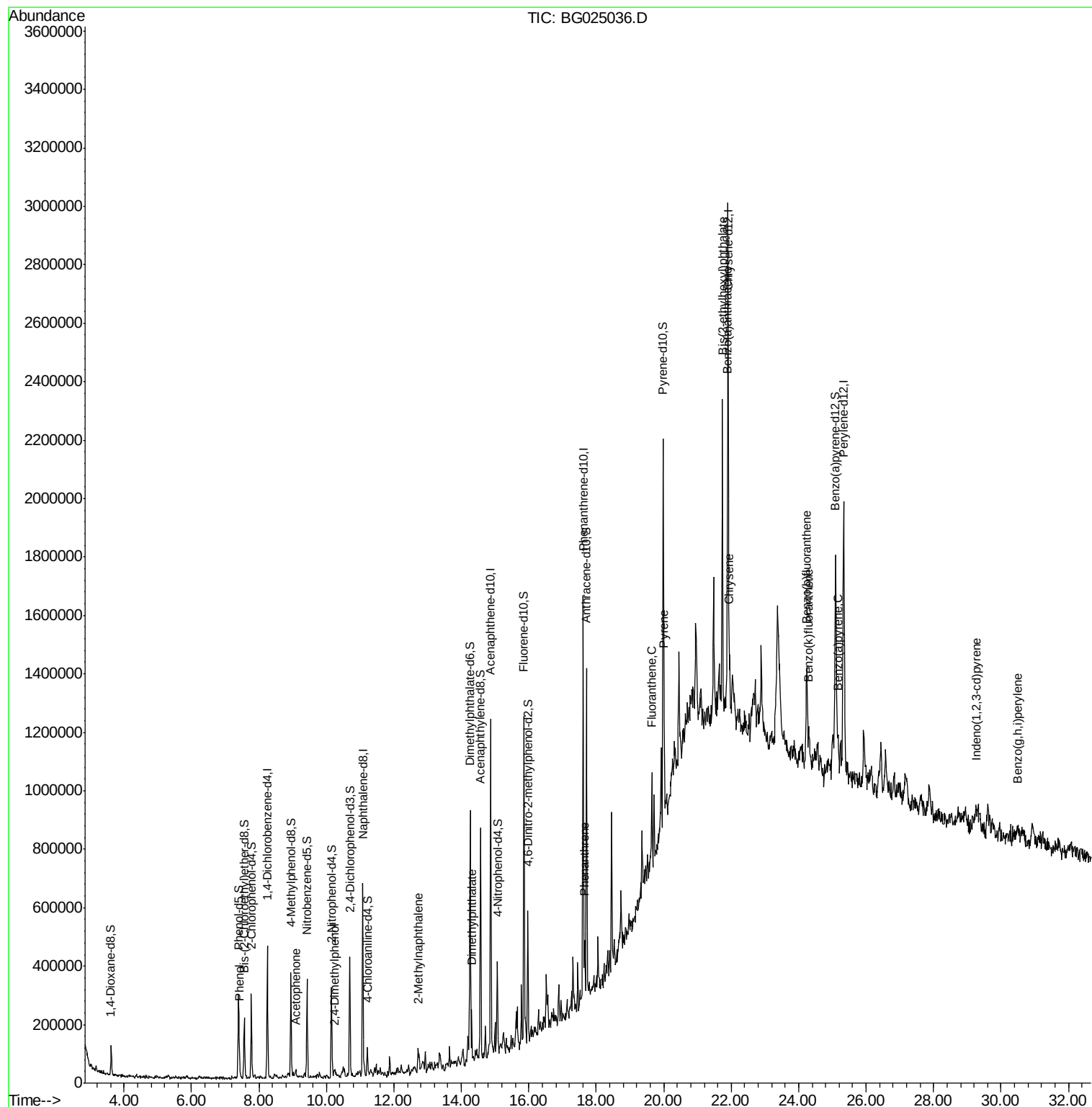
Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025036.D
Acq On : 9 Dec 2016 12:48
Operator : UM/SJ
Sample : H5863-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

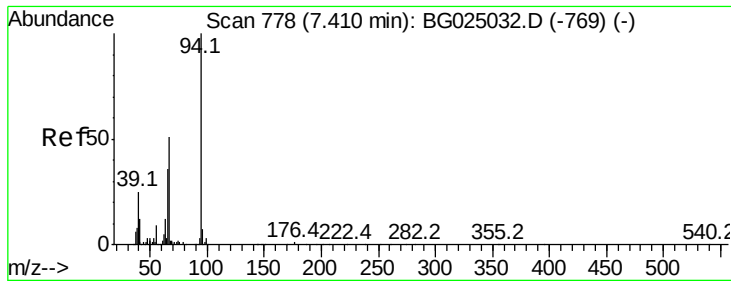
Instrument :
BNA_G
ClientSampled :
DA7Y6

Manual Integrations
APPROVED

Sohil
12/12/2016 4:28:10 PM

Quant Time: Dec 12 01:14:54 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 11 23:54:53 2016
Response via : Initial Calibration





#6

Phenol

Concen: 3.26 ng/ul

RT: 7.42 min Scan# 780

Delta R.T. 0.01 min

Lab File: BG025036.D

Acq: 9 Dec 2016 12:48

Instrument :

BNA_G

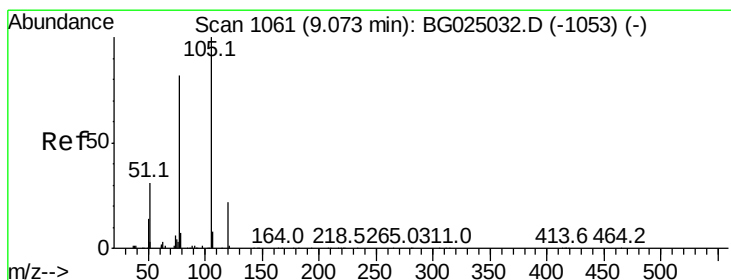
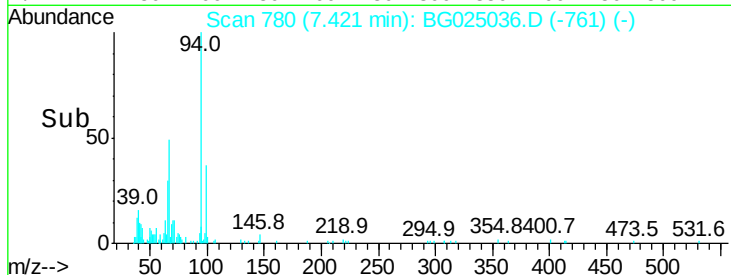
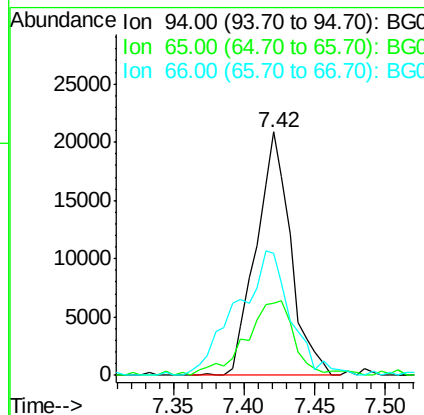
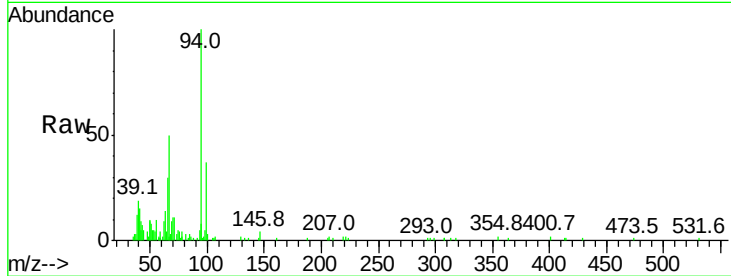
ClientSampleId :

DA7Y6

Tot Ion:	94	Resp:	35785
Ion Ratio	Lower	Upper	
94	100		
65	29.6	26.8	40.2
66	50.1	44.4	66.6

Manual Integrations
APPROVED

Sohil
12/12/2016 4:28:10 PM



#14

Acetophenone

Concen: 1.62 ng/ul

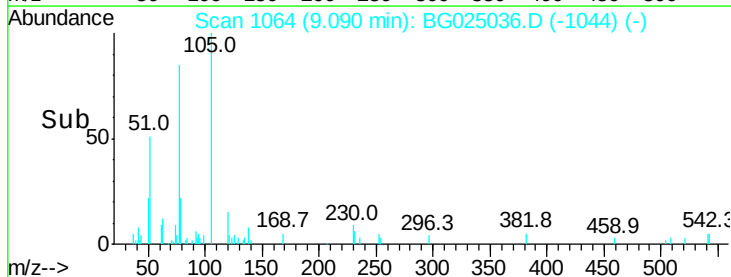
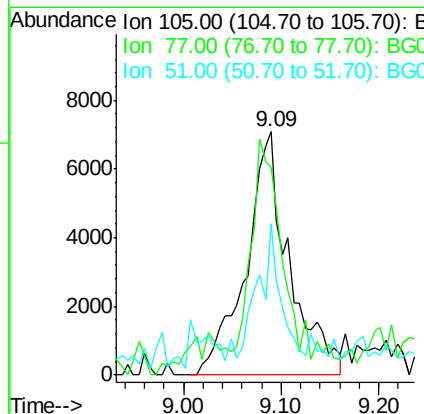
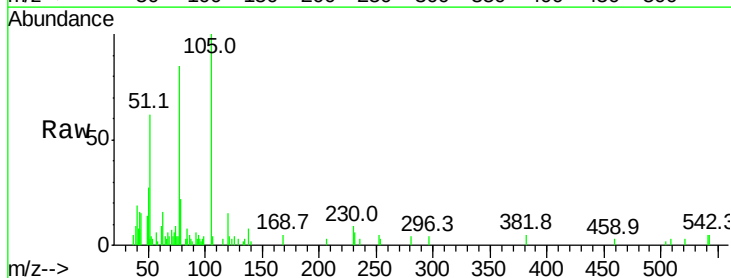
RT: 9.09 min Scan# 1064

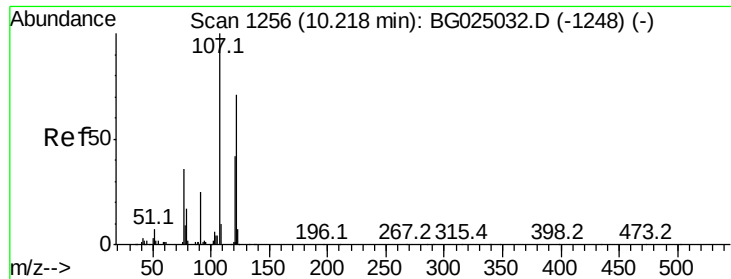
Delta R.T. 0.02 min

Lab File: BG025036.D

Acq: 9 Dec 2016 12:48

Tgt Ion:	105	Resp:	21972
Ion Ratio	Lower	Upper	
105	100		
77	85.3	76.0	114.0
51	62.1	34.8	52.2





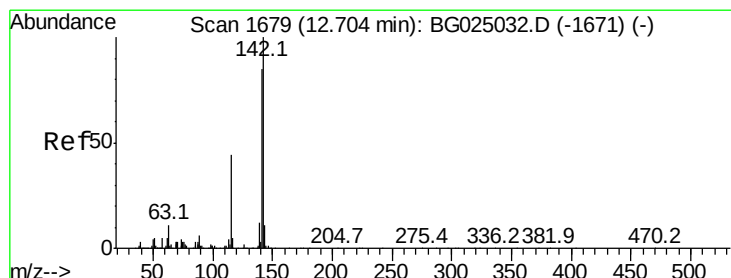
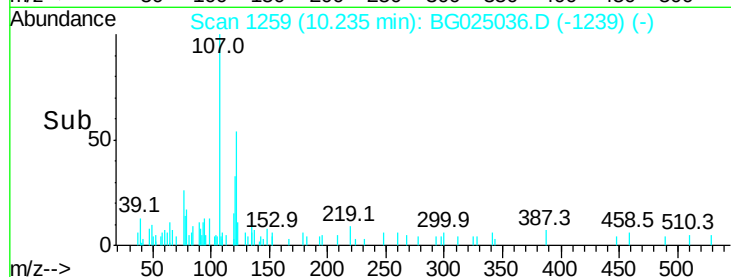
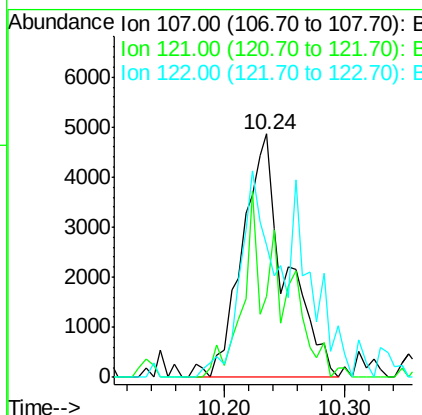
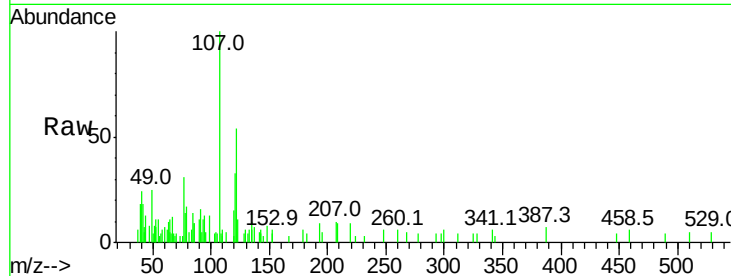
#24
2,4-Dimethylphenol
Concen: 1.11 ng/ul
RT: 10.24 min Scan# 1259
Delta R.T. 0.02 min
Lab File: BG025036.D
Acq: 9 Dec 2016 12:48

Instrument :
BNA_G
ClientSampleId :
DA7Y6

Tot Ion	Ratio	Lower	Upper
107	100		
121	33.2	32.3	48.5
122	54.3	61.2	91.8

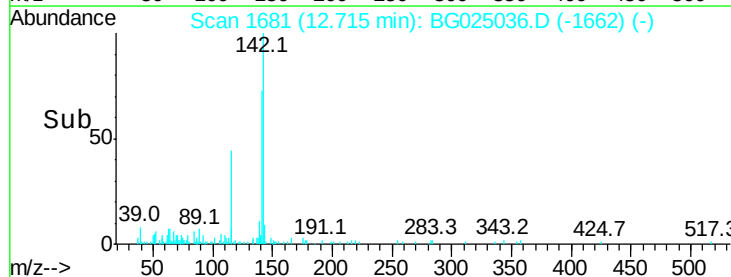
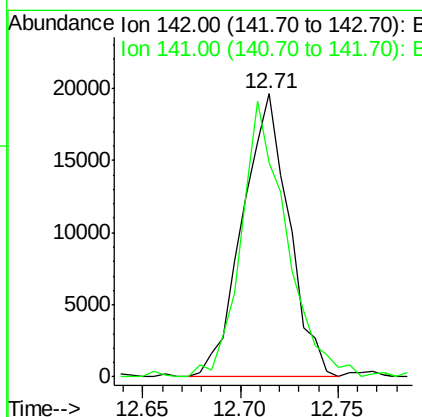
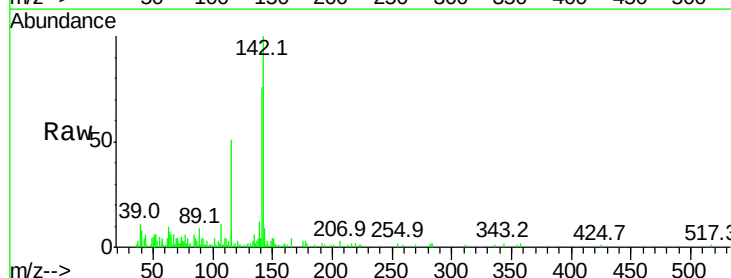
Manual Integrations
APPROVED

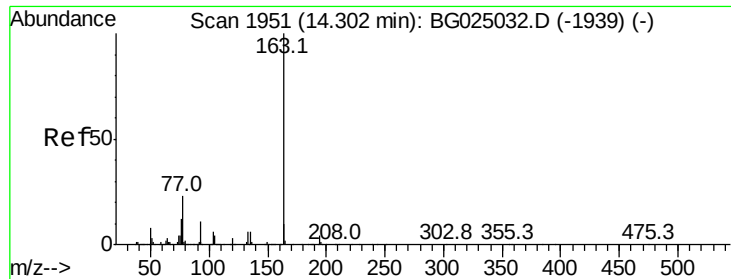
Sohil
12/12/2016 4:28:10 PM



#34
2-Methylnaphthalene
Concen: 1.64 ng/ul
RT: 12.71 min Scan# 1681
Delta R.T. 0.01 min
Lab File: BG025036.D
Acq: 9 Dec 2016 12:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	75.6	68.6	102.8





#44

Dimethylphthalate

Concen: 3.44 ng/ul

RT: 14.31 min Scan# 1952

Delta R.T. 0.01 min

Lab File: BG025036.D

Acq: 9 Dec 2016 12:48

Instrument :

BNA_G

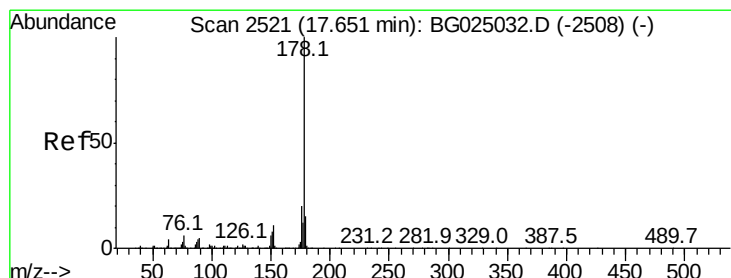
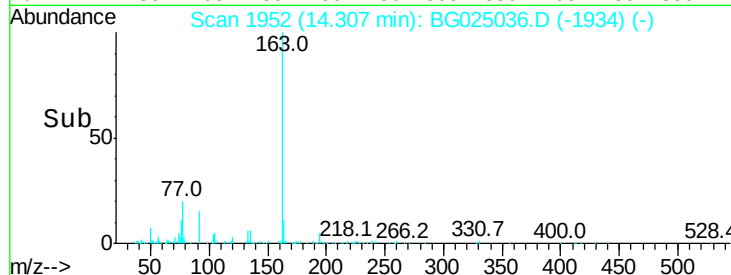
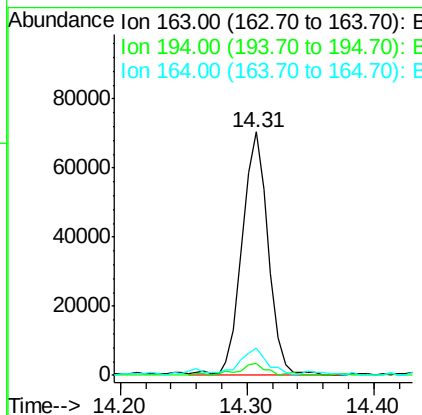
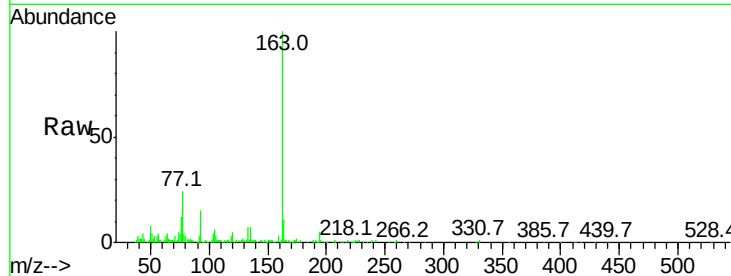
ClientSampleId :

DA7Y6

Tot Ion	Ratio	Resp	Lower	Upper
163	100	100497		
194	5.1		3.4	5.0#
164	11.4		9.0	13.4

Manual Integrations
APPROVED

Sohil
12/12/2016 4:28:10 PM



#69

Phenanthrene

Concen: 3.39 ng/ul

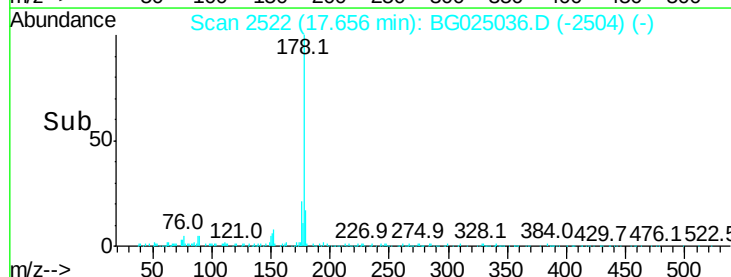
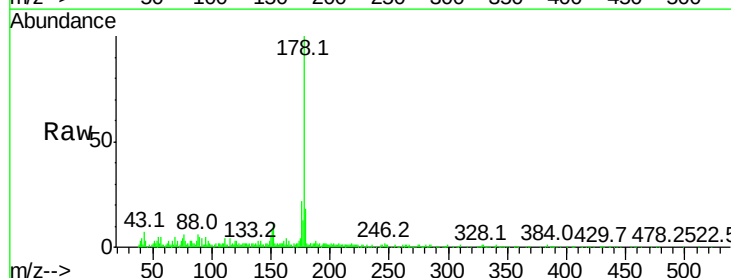
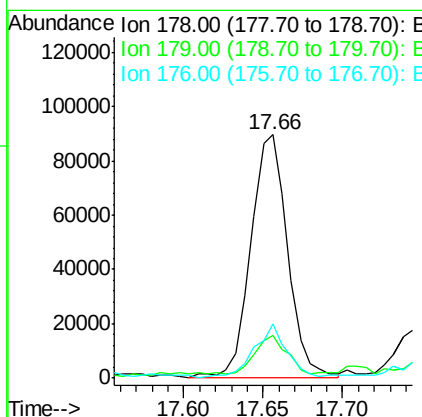
RT: 17.66 min Scan# 2522

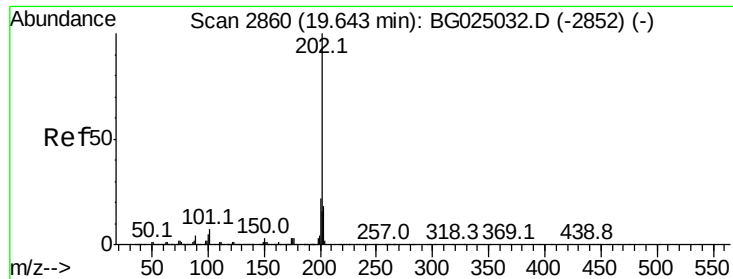
Delta R.T. 0.01 min

Lab File: BG025036.D

Acq: 9 Dec 2016 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	143168		
179	17.7		12.4	18.6
176	22.2		16.5	24.7





#74

Fluoranthene

Concen: 4.17 ng/ul

RT: 19.65 min Scan# 2861

Delta R.T. 0.01 min

Lab File: BG025036.D

Acq: 9 Dec 2016 12:48

Instrument :

BNA_G

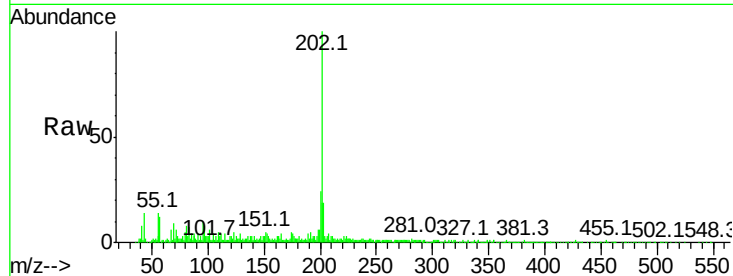
ClientSampleId :

DA7Y6

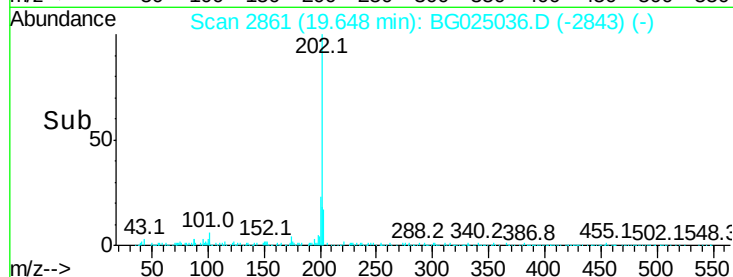
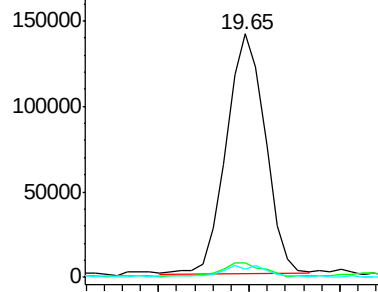
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	7.3		6.2	9.2	
100	3.2		5.2	7.8	

Manual Integrations
APPROVED

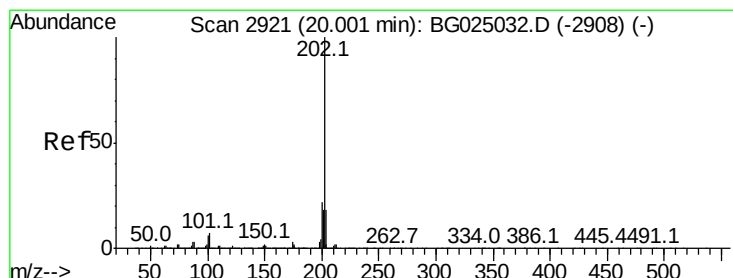
Sohil
12/12/2016 4:28:10 PM



Abundance Ion 202.00 (201.70 to 202.70): E



Time-->



#77

Pyrene

Concen: 3.73 ng/ul

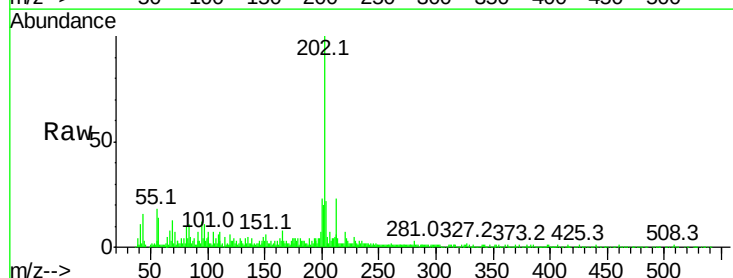
RT: 20.01 min Scan# 2923

Delta R.T. 0.01 min

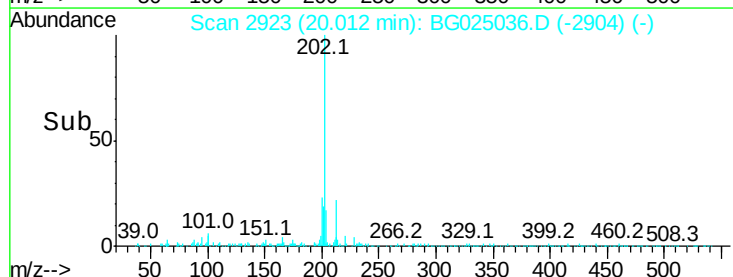
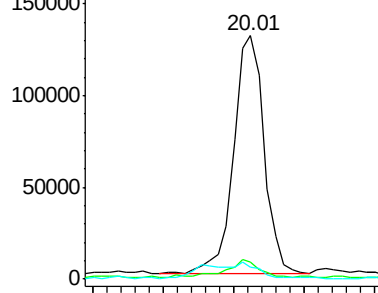
Lab File: BG025036.D

Acq: 9 Dec 2016 12:48

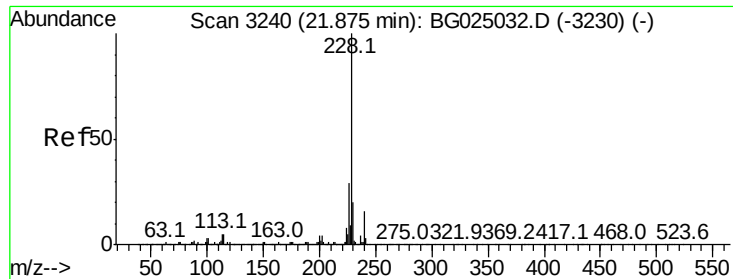
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	6.8		6.9	10.3	
100	4.9		6.6	10.0	



Abundance Ion 202.00 (201.70 to 202.70): E



Time-->



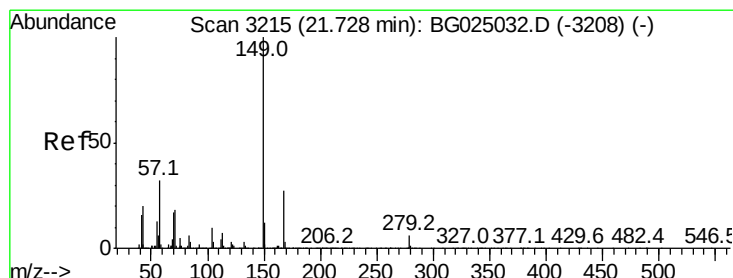
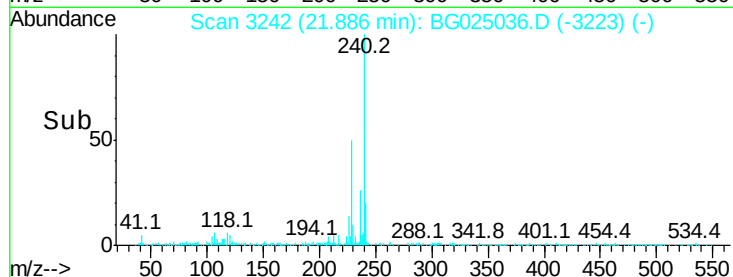
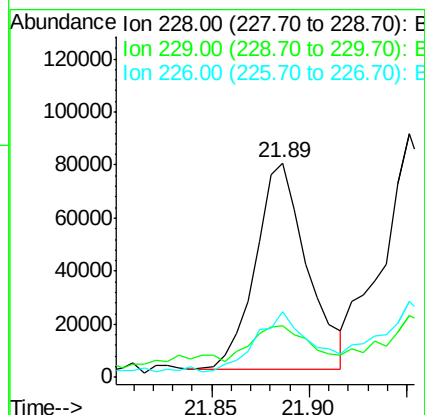
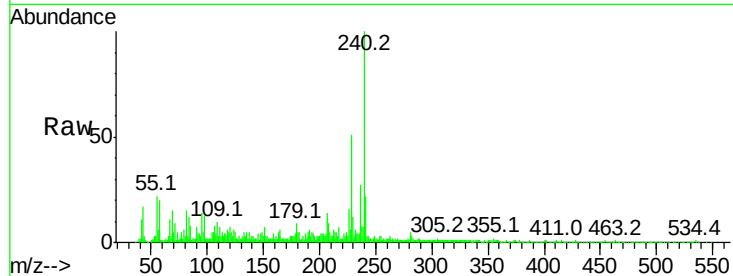
#80
Benzo(a)anthracene
Concen: 2.47 ng/ul
RT: 21.89 min Scan# 3242
Delta R.T. 0.01 min
Lab File: BG025036.D
Acq: 9 Dec 2016 12:48

Instrument :
BNA_G
ClientSampleId :
DA7Y6

Tot Ion:	228	Resp:	142113
Ion Ratio	Lower	Upper	
228	100		
229	24.1	16.3	24.5
226	30.9	21.9	32.9

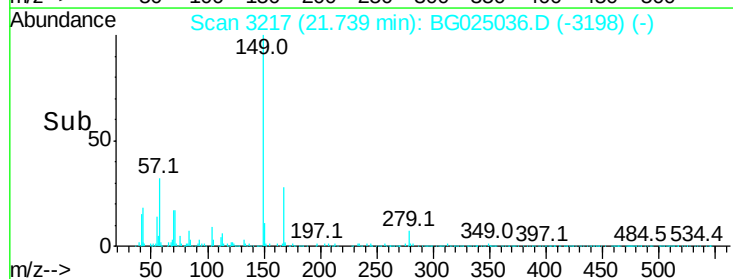
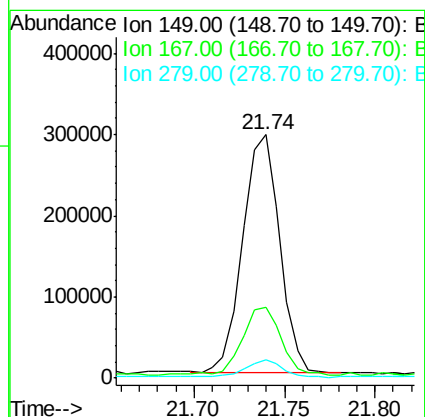
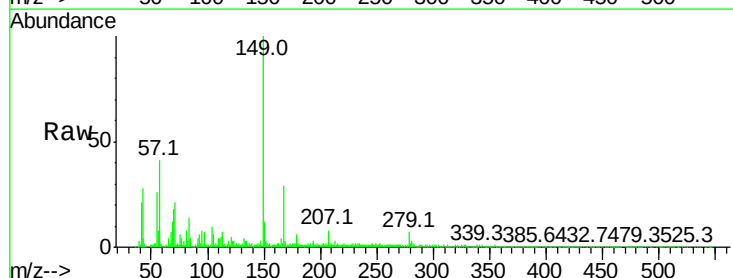
Manual Integrations
APPROVED

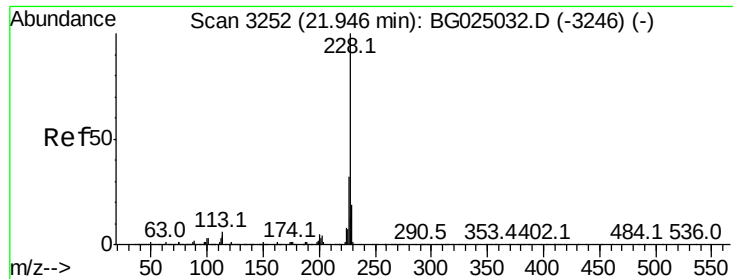
Sohil
12/12/2016 4:28:10 PM



#81
Bis(2-ethylhexyl)phthalate
Concen: 14.36 ng/ul
RT: 21.74 min Scan# 3217
Delta R.T. 0.01 min
Lab File: BG025036.D
Acq: 9 Dec 2016 12:48

Tgt Ion:	149	Resp:	412475
Ion Ratio	Lower	Upper	
149	100		
167	28.8	21.8	32.8
279	7.4	4.5	6.7#





#82

Chrysene

Concen: 3.21 ng/ul

RT: 21.95 min Scan# 3253

Delta R.T. 0.01 min

Lab File: BG025036.D

Acq: 9 Dec 2016 12:48

Instrument :

BNA_G

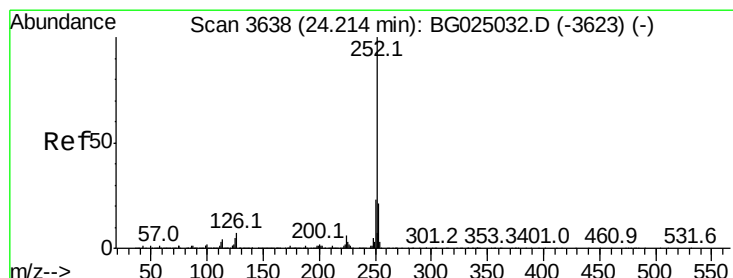
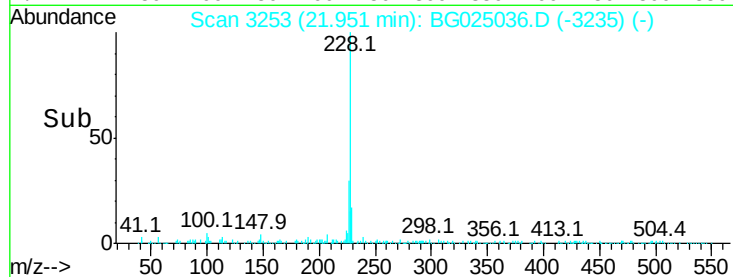
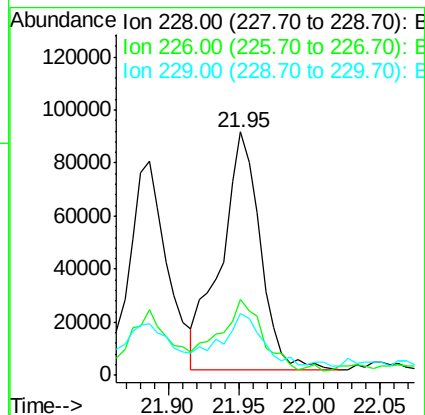
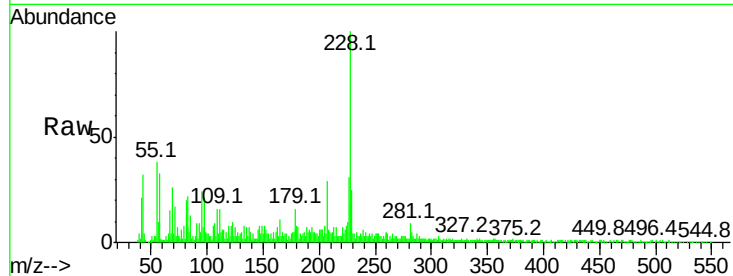
ClientSampleId :

DA7Y6

Tot Ion:	228	Resp:	172952
Ion Ratio	Lower	Upper	
228	100		
226	31.2	24.0	36.0
229	25.2	16.9	25.3

Manual Integrations
APPROVED

Sohil
12/12/2016 4:28:10 PM



#85

Benzo(b)fluoranthene

Concen: 4.63 ng/ul

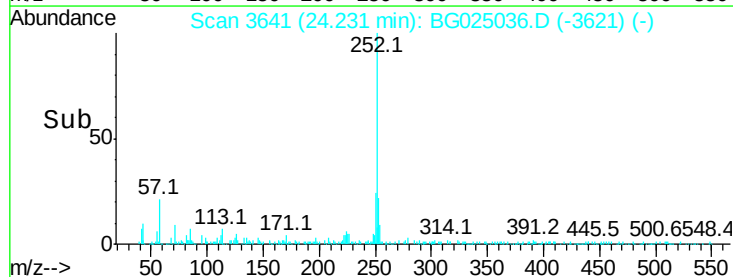
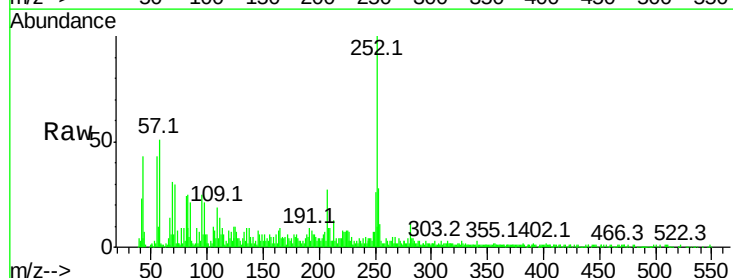
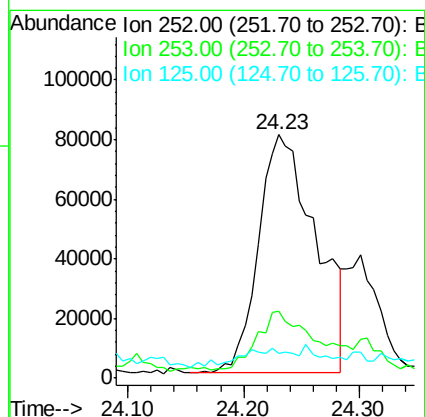
RT: 24.23 min Scan# 3641

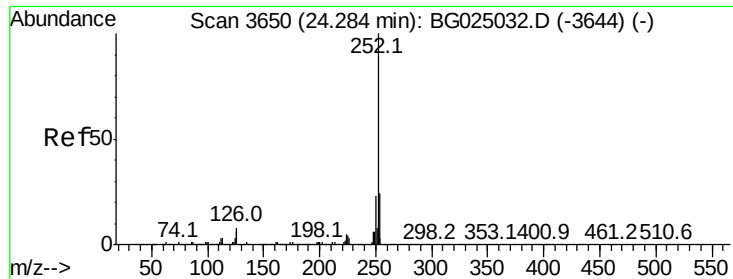
Delta R.T. 0.02 min

Lab File: BG025036.D

Acq: 9 Dec 2016 12:48

Tgt Ion:	252	Resp:	275364
Ion Ratio	Lower	Upper	
252	100		
253	27.8	17.7	26.5#
125	9.9	4.0	6.0#





#86

Benzo(k)fluoranthene

Concen: 1.54 ng/ul m

RT: 24.30 min Scan# 3653

Delta R.T. 0.02 min

Lab File: BG025036.D

Acq: 9 Dec 2016 12:48

Instrument :

BNA_G

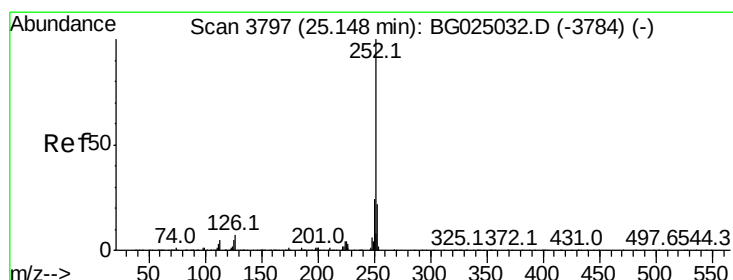
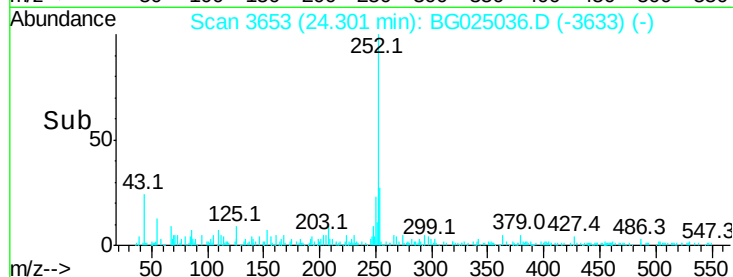
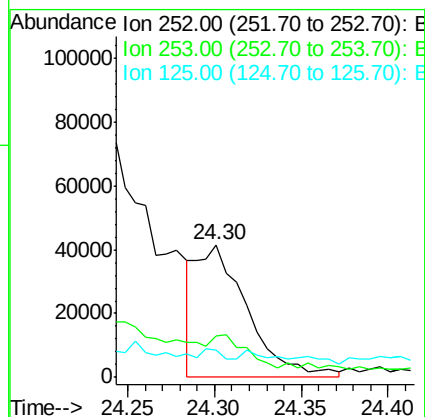
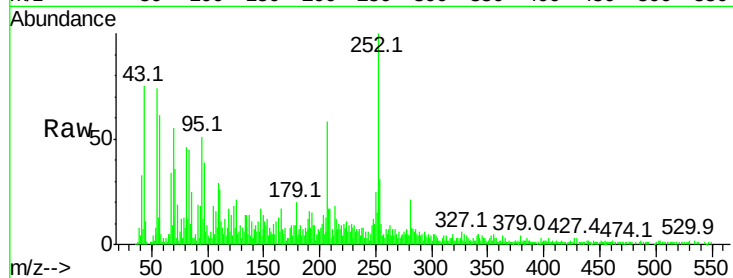
ClientSampled :

DA7Y6

Tot Ion:	252	Resp:	86902
Ion Ratio	Lower	Upper	
252	100		
253	31.4	18.5	27.7#
125	21.0	4.1	6.1#

Manual Integrations
APPROVED

Sohil
12/12/2016 4:28:10 PM



#88

Benzo(a)pyrene

Concen: 2.64 ng/ul

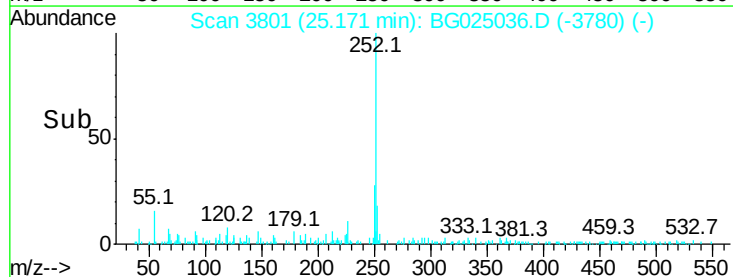
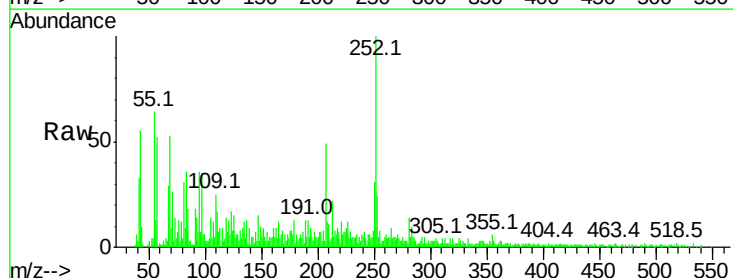
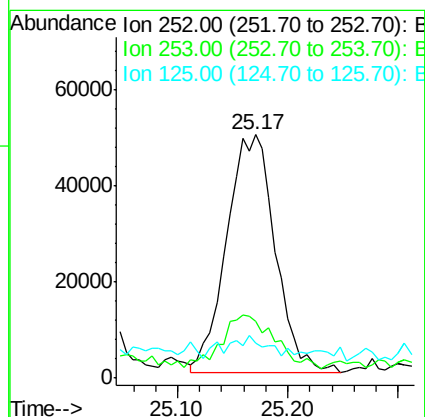
RT: 25.17 min Scan# 3801

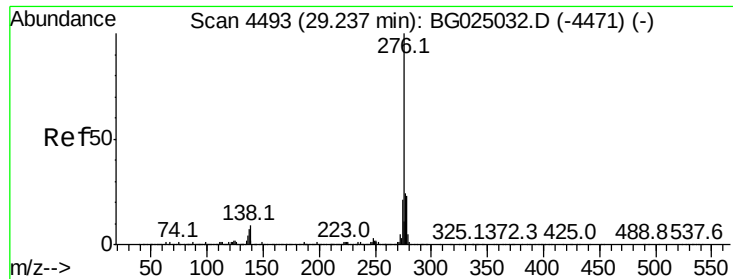
Delta R.T. 0.02 min

Lab File: BG025036.D

Acq: 9 Dec 2016 12:48

Tgt Ion:	252	Resp:	150868
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.8	26.6
125	14.6	5.4	8.0#





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.69 ng/ul

RT: 29.26 min Scan# 4497

Delta R.T. 0.02 min

Lab File: BG025036.D

Acq: 9 Dec 2016 12:48

Instrument :

BNA_G

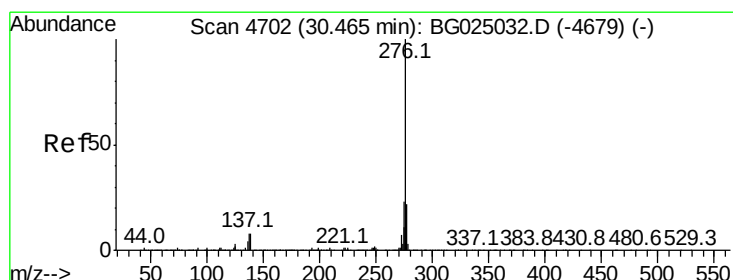
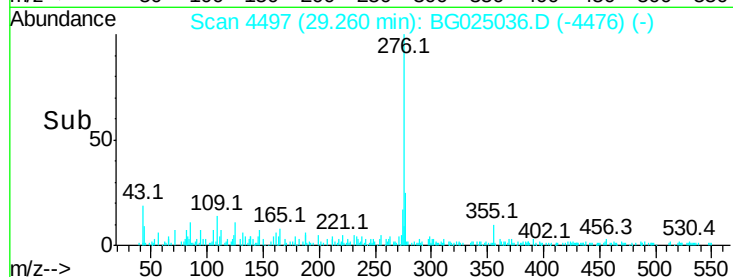
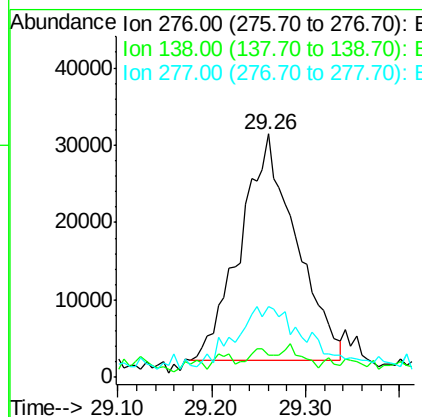
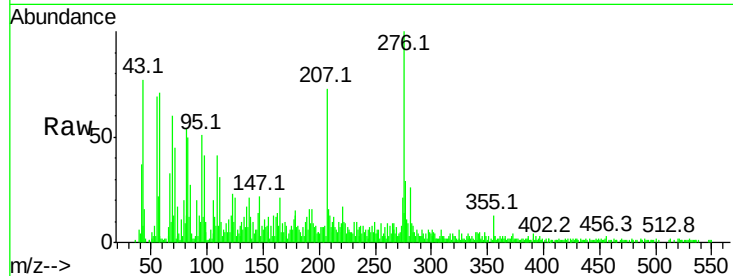
ClientSampleId :

DA7Y6

Tot Ion:	276	Resp:	119949
Ion Ratio	Lower	Upper	
276	100		
138	8.9	8.2	12.4
277	29.3	18.6	28.0#

Manual Integrations
APPROVED

Sohil
12/12/2016 4:28:10 PM



#91

Benzo(g,h,i)perylene

Concen: 1.70 ng/ul

RT: 30.49 min Scan# 4707

Delta R.T. 0.03 min

Lab File: BG025036.D

Acq: 9 Dec 2016 12:48

Tgt Ion:	276	Resp:	100587
Ion Ratio	Lower	Upper	
276	100		
138	10.3	8.6	12.8
277	28.8	17.6	26.4#

