

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020916\
 Data File : BG020826.D
 Acq On : 9 Feb 2016 20:43
 Operator : SJ/UM
 Sample : H1371-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C04L0

Manual Integrations
 APPROVED

Sohil
 2/10/2016 1:46:59 PM

Quant Time: Feb 10 07:22:28 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG020816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 10 00:34:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	22482	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	113481	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	64351	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	121513	20.00	ng/ul	0.00
78) Chrysene-d12	21.91	240	104859	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	100295	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	1307	2.82	ng/uL	0.00
5) Phenol-d5	7.41	99	31329	13.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	17664	14.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	26760	15.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	25860	13.06	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	13813	15.17	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	14442	15.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	26899	15.43	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	36582	15.76	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	86574	15.63	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	111123	16.43	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	12804	11.55	ng/ul	0.00
58) Fluorene-d10	15.87	176	75449	16.01	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	6009	10.20	ng/ul	0.00
71) Anthracene-d10	17.72	188	104458	17.40	ng/ul	0.00
79) Pyrene-d10	19.99	212	97581	18.10	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.06	264	99344	17.87	ng/ul	0.00

Target Compounds

						Ovalue
45) Dimethylphthalate	14.33	163	39602	6.87	ng/ul	97
70) Phenanthrene	17.66	178	28780	3.76	ng/ul	98
77) Fluoranthene	19.66	202	59784	7.54	ng/ul	98
80) Pyrene	20.01	202	53017	7.00	ng/ul	99
83) Benzo(a)anthracene	21.88	228	23547	3.44	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.77	149	15283	2.87	ng/ul#	99
85) Chrysene	21.95	228	24808m	3.94	ng/ul	
88) Benzo(b)fluoranthene	24.22	252	31403	4.60	ng/ul#	95
89) Benzo(k)fluoranthene	24.27	252	11113	1.70	ng/ul#	88
91) Benzo(a)pyrene	25.13	252	18561	2.87	ng/ul#	92
92) Indeno(1,2,3-cd)pyrene	29.18	276	14530m	1.95	ng/ul	
94) Benzo(g,h,i)perylene	30.39	276	13183	2.16	ng/ul	97

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

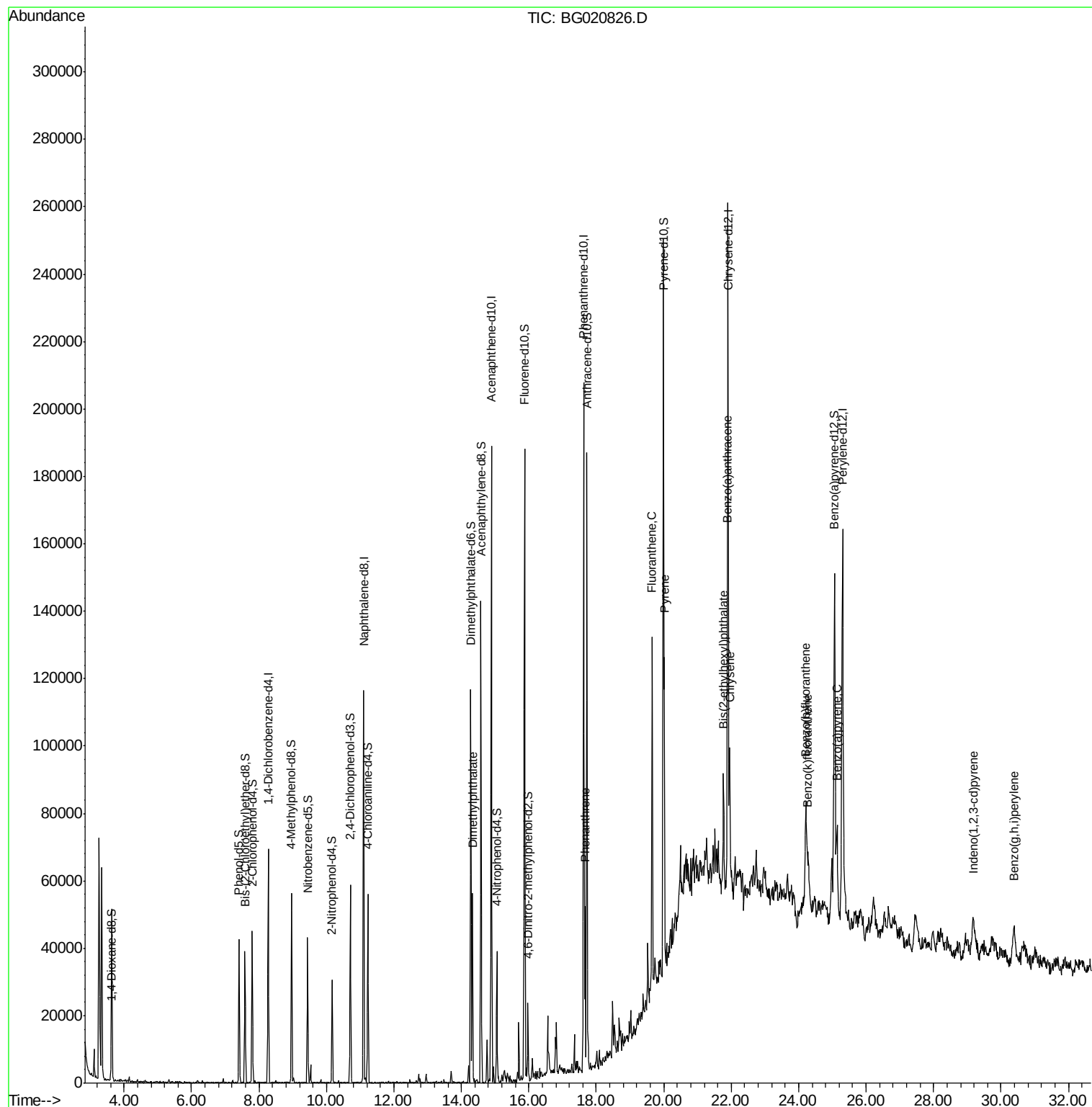
Data Path : Z:\HPCHEM1\BNA G\DATA\BG020916\
Data File : BG020826.D
Acq On : 9 Feb 2016 20:43
Operator : SJ/UM
Sample : H1371-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

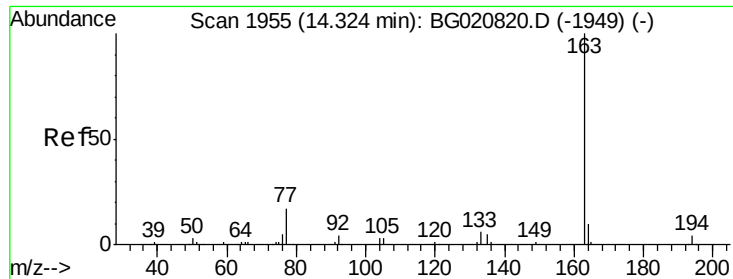
Instrument :
BNA_G
ClientSampleId :
C04L0

Manual Integrations
APPROVED

Sohil
2/10/2016 1:46:59 PM

Quant Time: Feb 10 07:22:28 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG020816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 10 00:34:52 2016
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 6.87 ng/ul

RT: 14.33 min Scan# 1956

Delta R.T. 0.00 min

Lab File: BG020826.D

Acq: 9 Feb 2016 20:43

Instrument :

BNA_G

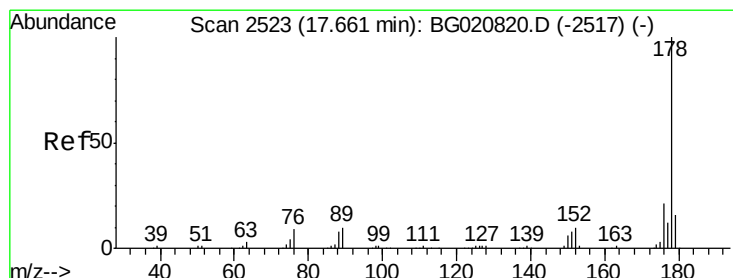
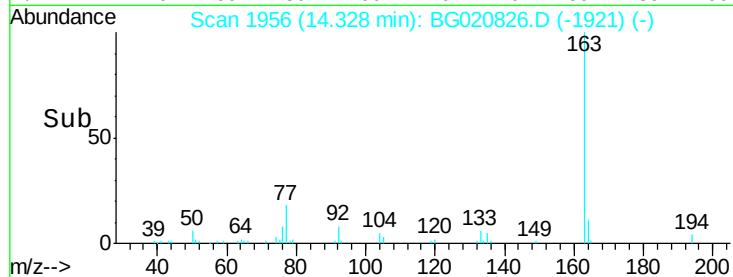
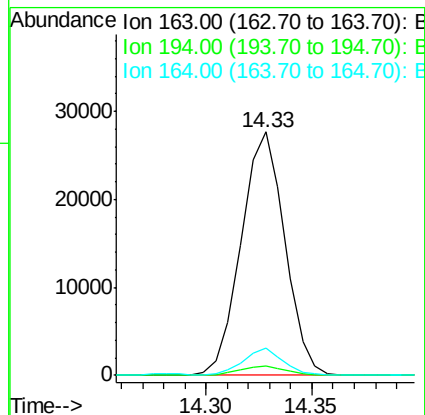
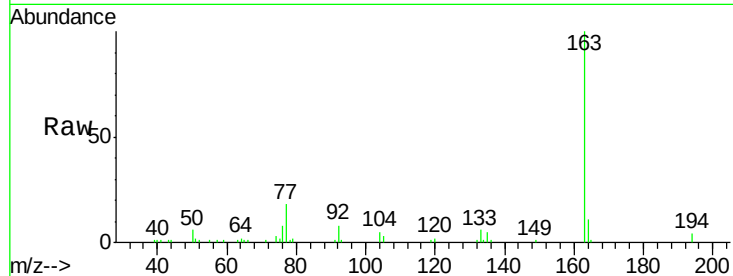
ClientSampled :

C04L0

Tot Ion:	163	Resp:	39602
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.0	4.6
164	11.0	7.7	11.5

Manual Integrations
APPROVED

Sohil
2/10/2016 1:46:59 PM



#70

Phenanthrene

Concen: 3.76 ng/ul

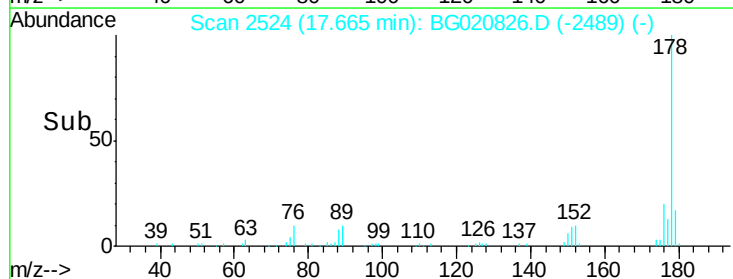
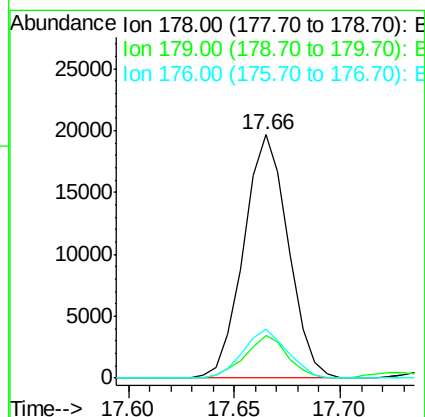
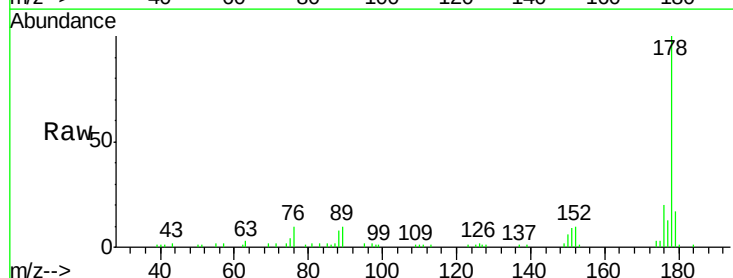
RT: 17.66 min Scan# 2524

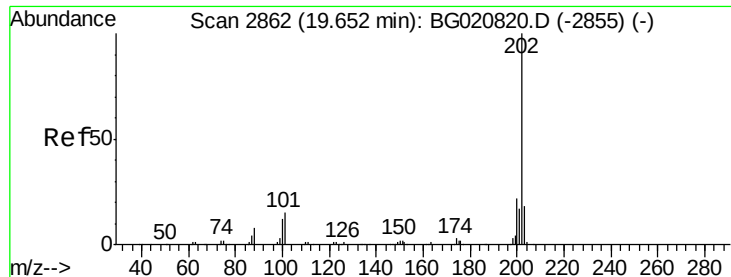
Delta R.T. 0.00 min

Lab File: BG020826.D

Acq: 9 Feb 2016 20:43

Tgt Ion:	178	Resp:	28780
Ion Ratio	Lower	Upper	
178	100		
179	17.4	12.6	19.0
176	20.0	16.0	24.0





#77

Fluoranthene

Concen: 7.54 ng/ul

RT: 19.66 min Scan# 2863

Delta R.T. 0.00 min

Lab File: BG020826.D

Acq: 9 Feb 2016 20:43

Instrument :

BNA_G

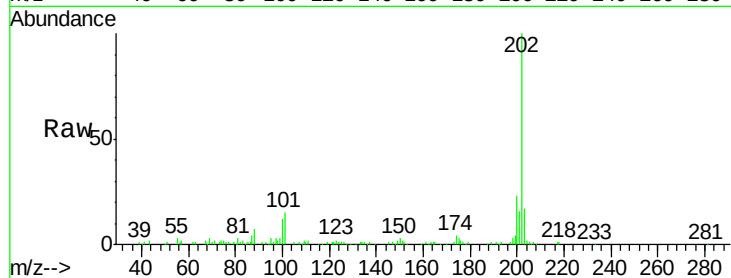
ClientSampled :

C04L0

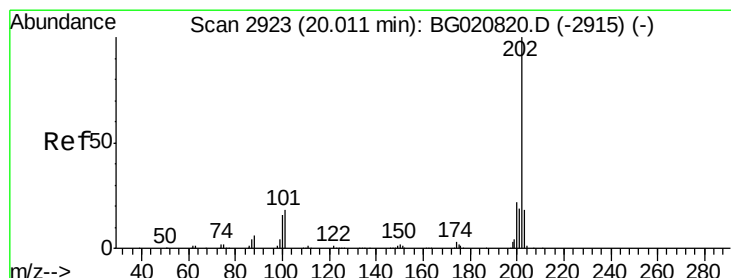
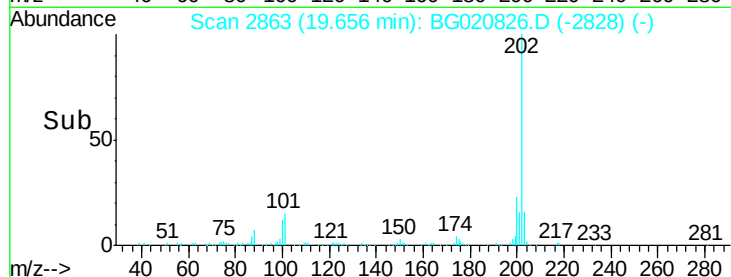
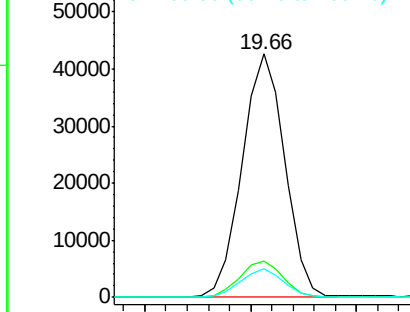
Tot Ion:	202	Resp:	59784
Ion Ratio	Lower	Upper	
202	100		
101	14.7	12.5	18.7
100	11.9	9.9	14.9

Manual Integrations
APPROVED

Sohil
2/10/2016 1:46:59 PM



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

Pyrene

Concen: 7.00 ng/ul

RT: 20.01 min Scan# 2924

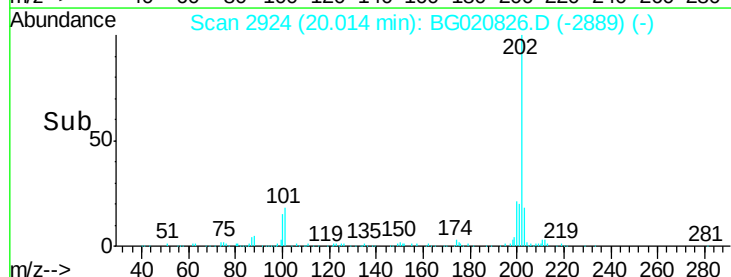
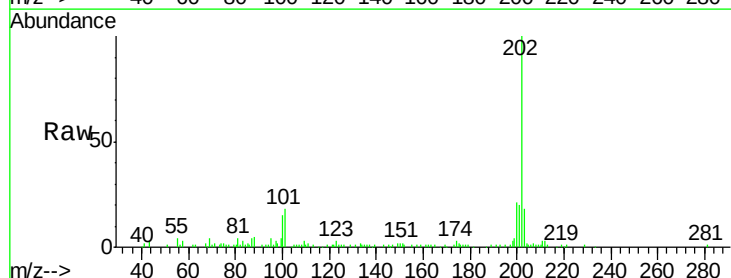
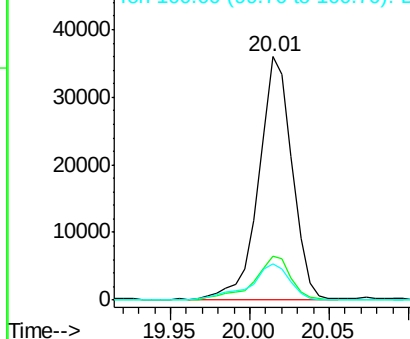
Delta R.T. 0.00 min

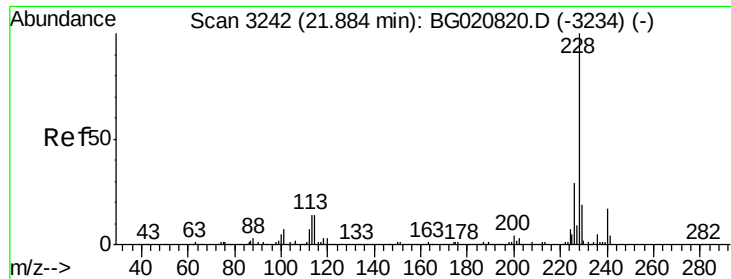
Lab File: BG020826.D

Acq: 9 Feb 2016 20:43

Tgt Ion:	202	Resp:	53017
Ion Ratio	Lower	Upper	
202	100		
101	17.8	13.5	20.3
100	14.9	11.7	17.5

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





#83

Benzo(a)anthracene

Concen: 3.44 ng/ul

RT: 21.88 min Scan# 3242

Delta R.T. -0.00 min

Lab File: BG020826.D

Acq: 9 Feb 2016 20:43

Instrument :

BNA_G

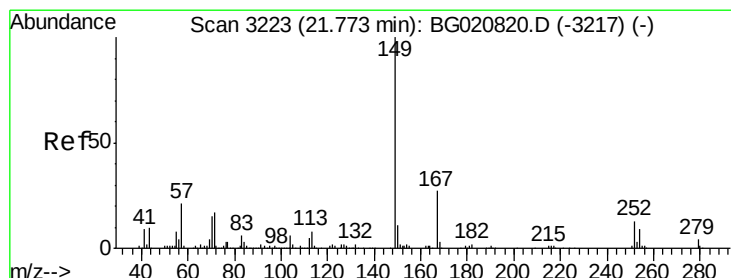
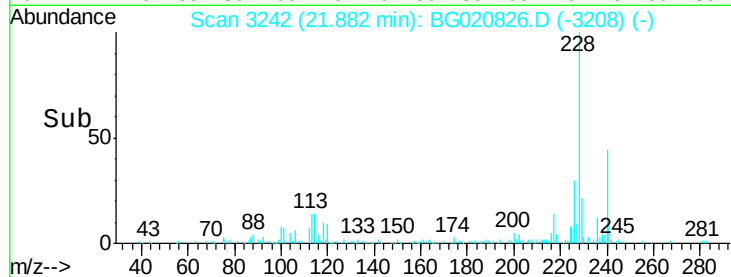
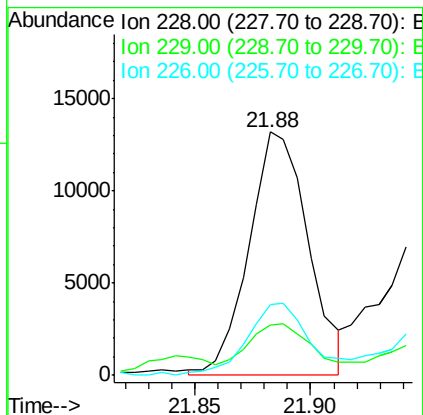
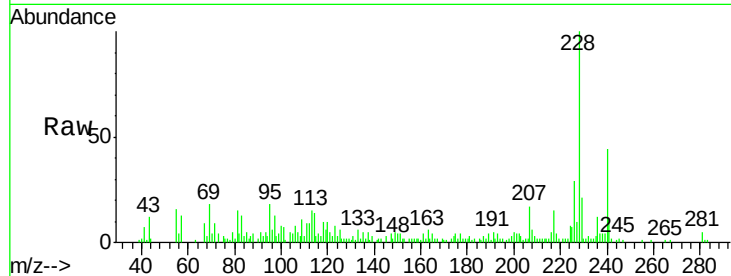
ClientSampled :

C04L0

Tot Ion:	228	Resp:	23547
Ion Ratio	Lower	Upper	
228	100		
229	20.9	14.8	22.2
226	29.3	23.0	34.4

Manual Integrations
APPROVED

Sohil
2/10/2016 1:46:59 PM



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.87 ng/ul

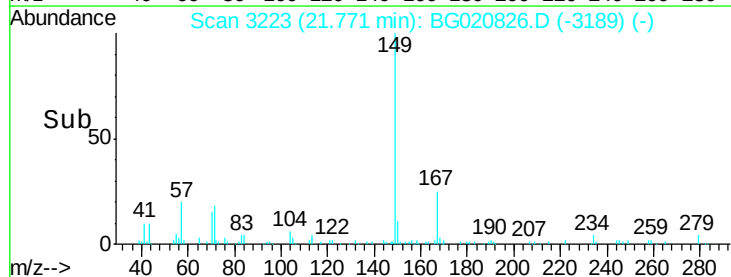
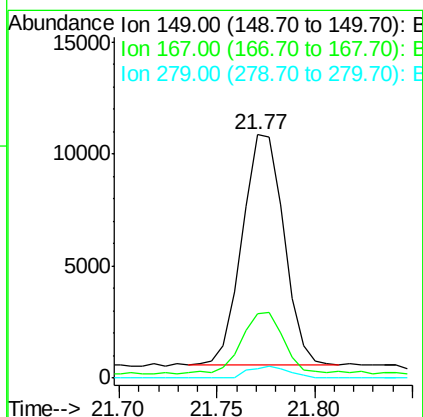
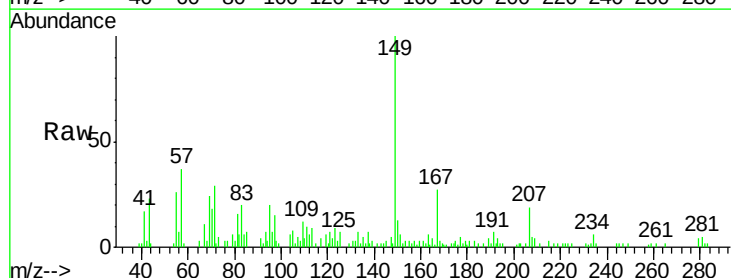
RT: 21.77 min Scan# 3223

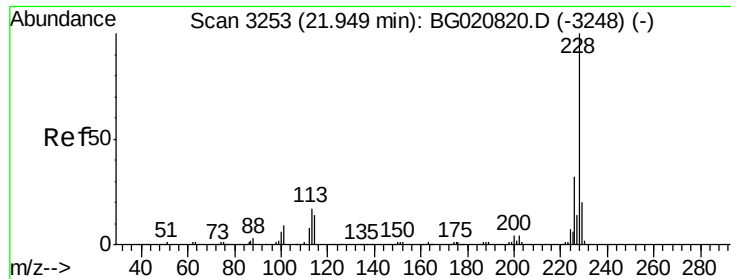
Delta R.T. -0.00 min

Lab File: BG020826.D

Acq: 9 Feb 2016 20:43

Tgt Ion:	149	Resp:	15283
Ion Ratio	Lower	Upper	
149	100		
167	26.6	21.0	31.4
279	3.7	2.5	3.7#





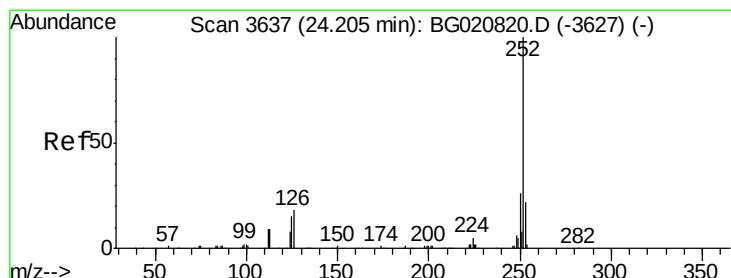
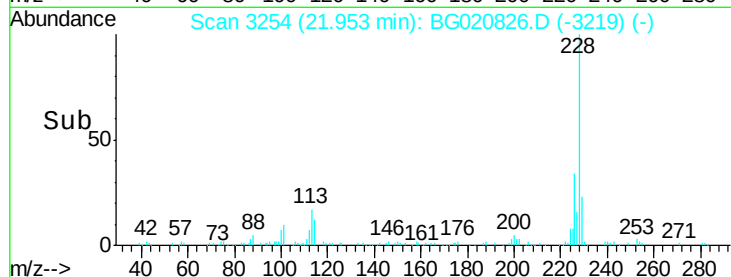
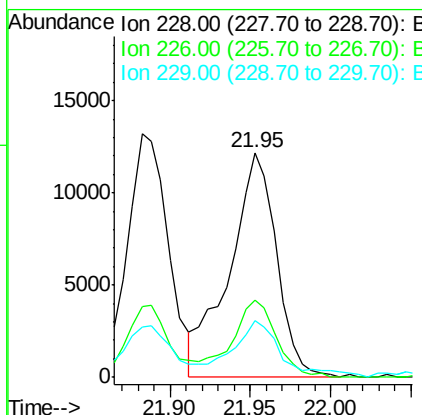
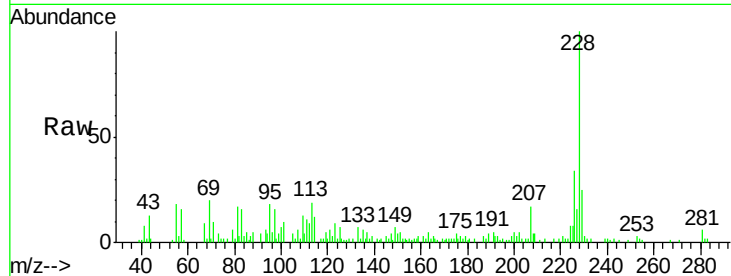
#85
Chrysene
Concen: 3.94 ng/ul m
RT: 21.95 min Scan# 3254
Delta R.T. 0.00 min
Lab File: BG020826.D
Acq: 9 Feb 2016 20:43

Instrument :
BNA_G
ClientSampled :
C04L0

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.2	24.4	36.6
229	25.1	15.8	23.6

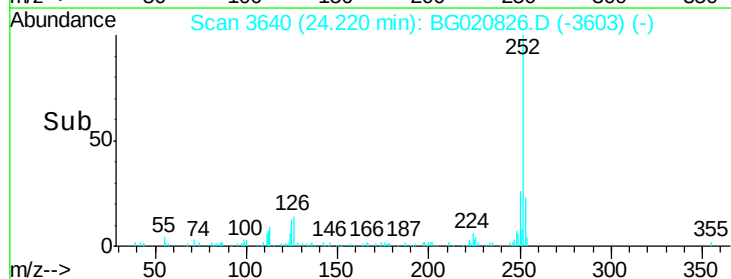
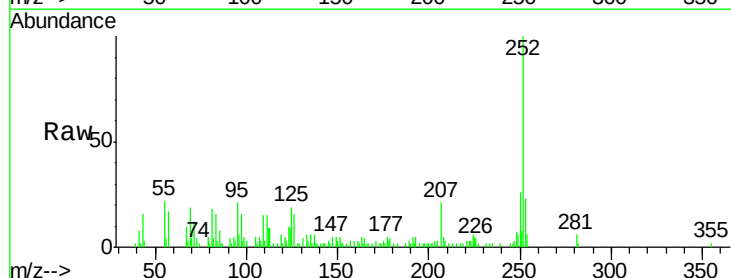
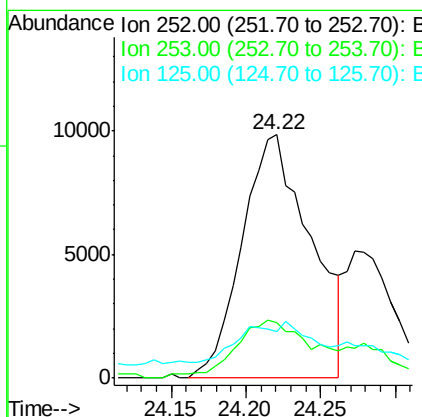
Manual Integrations
APPROVED

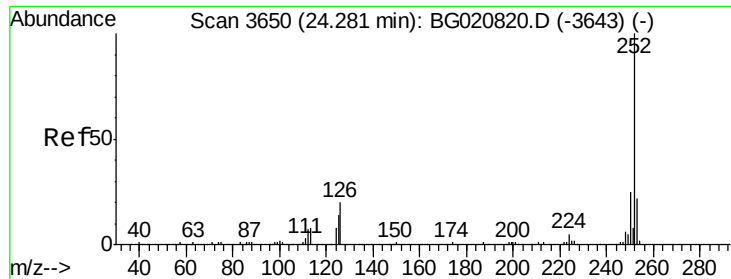
Sohil
2/10/2016 1:46:59 PM



#88
Benzo(b)fluoranthene
Concen: 4.60 ng/ul
RT: 24.22 min Scan# 3640
Delta R.T. 0.02 min
Lab File: BG020826.D
Acq: 9 Feb 2016 20:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	19.2	12.5	18.7





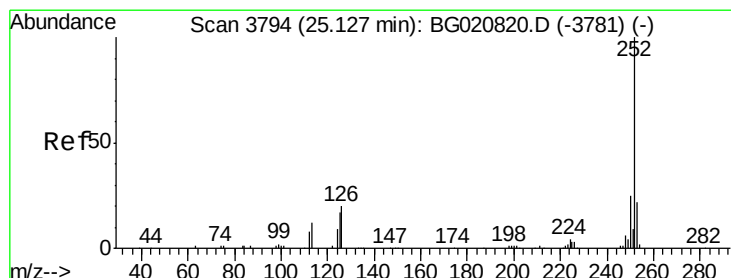
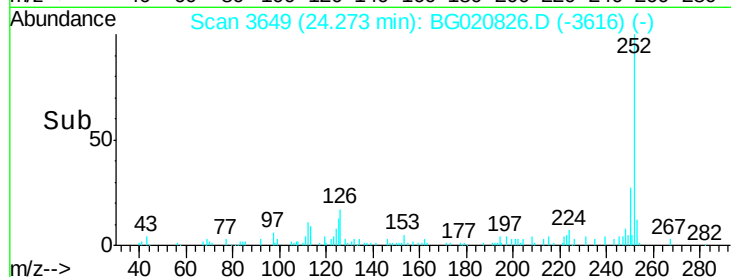
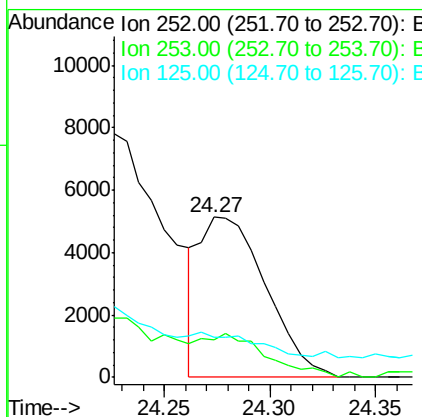
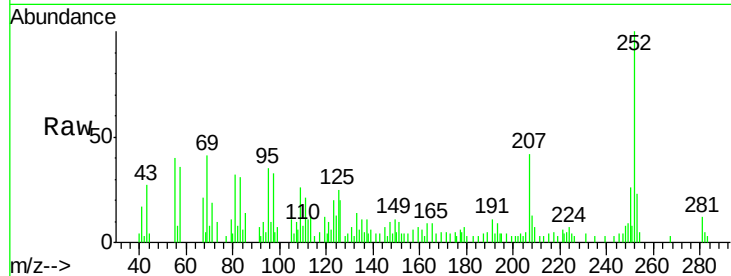
#89
Benzo(k)fluoranthene
Concen: 1.70 ng/ul
RT: 24.27 min Scan# 3649
Delta R.T. -0.01 min
Lab File: BG020826.D
Acq: 9 Feb 2016 20:43

Instrument :
BNA_G
ClientSampled :
C04L0

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	25.1	12.1	18.1#

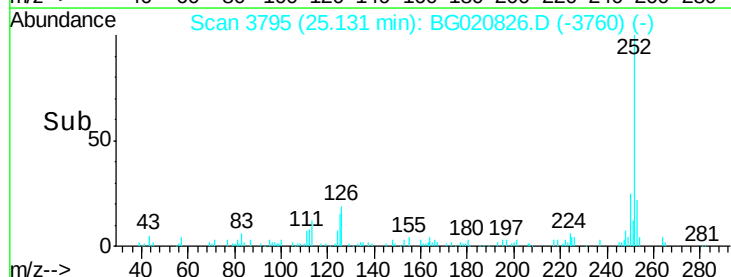
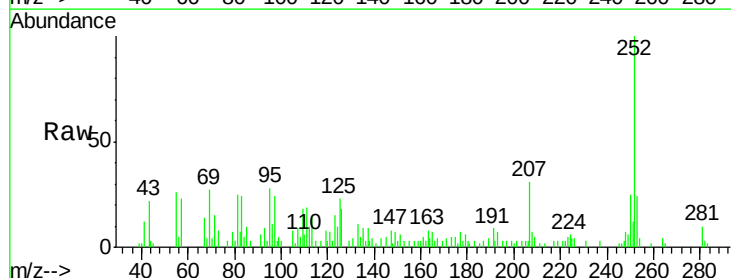
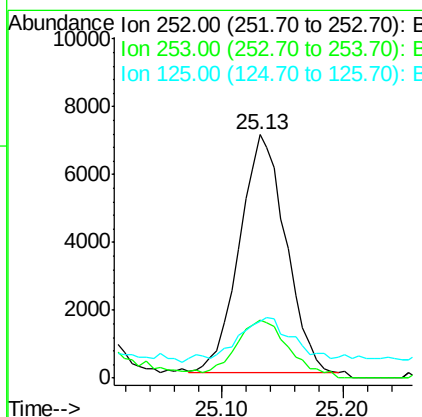
Manual Integrations
APPROVED

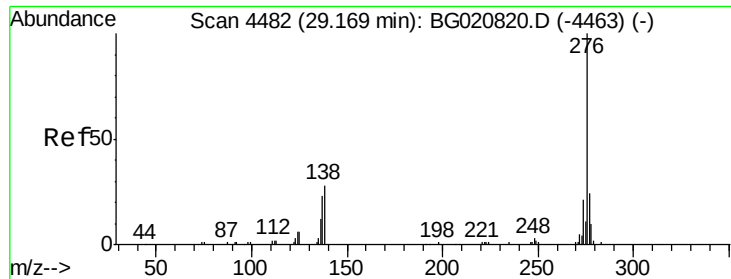
Sohil
2/10/2016 1:46:59 PM



#91
Benzo(a)pyrene
Concen: 2.87 ng/ul
RT: 25.13 min Scan# 3795
Delta R.T. 0.00 min
Lab File: BG020826.D
Acq: 9 Feb 2016 20:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.3	25.9
125	23.3	14.2	21.2#





#92

Indeno(1,2,3-cd)pyrene

Concen: 1.95 ng/ul m

RT: 29.18 min Scan# 4485

Delta R.T. 0.02 min

Lab File: BG020826.D

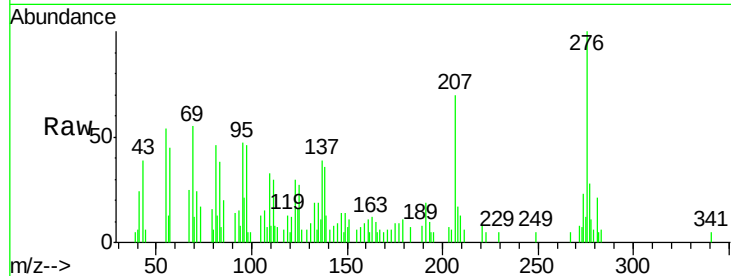
Acq: 9 Feb 2016 20:43

Instrument :

BNA_G

ClientSampleId :

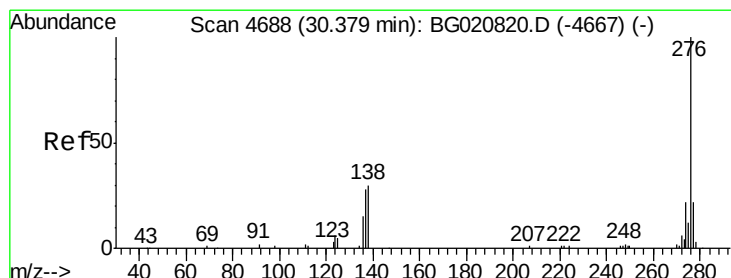
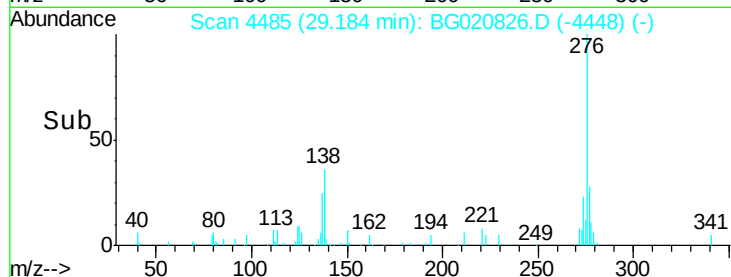
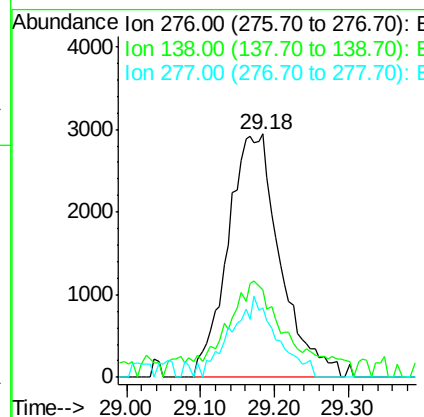
C04L0



Tot Ion:	276	Resp:	14530
Ion Ratio	Lower	Upper	
276	100		
138	36.0	22.4	33.6#
277	28.4	18.5	27.7#

Manual Integrations
APPROVED

Sohil
2/10/2016 1:46:59 PM



#94

Benzo(g,h,i)perylene

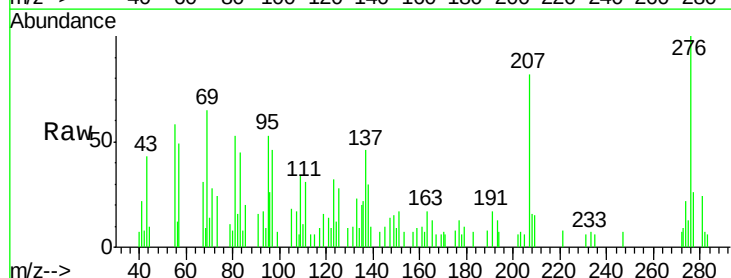
Concen: 2.16 ng/ul

RT: 30.39 min Scan# 4690

Delta R.T. 0.01 min

Lab File: BG020826.D

Acq: 9 Feb 2016 20:43



Tgt Ion:	276	Resp:	13183
Ion Ratio	Lower	Upper	
276	100		
138	29.8	24.4	36.6
277	26.2	18.7	28.1

