

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
 Data File : BG023615.D
 Acq On : 11 Aug 2016 5:45
 Operator : UM/SJ
 Sample : H4385-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P002-SS002-2430-01

Manual Integrations
 APPROVED

sohil
 8/11/2016 6:14:38 PM

Quant Time: Aug 11 07:14:17 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 11 03:58:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	181276	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	848615	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	610906	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1433829	20.00	ng/ul	0.00
75) Chrysene-d12	21.86	240	1410886	20.00	ng/ul	0.00
83) Perylene-d12	25.26	264	1424242	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	15429m	3.62	ng/uL	0.00
5) Phenol-d5	7.27	99	379269	20.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	261778	22.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	275445	22.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	304407	21.35	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	153596	22.96	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	175355	22.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	310343	21.42	ng/ul	0.00
29) 4-Chloroaniline-d4	11.08	131	378446	22.26	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	1108436	22.16	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	1275641	22.66	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	172211	20.17	ng/ul	0.00
57) Fluorene-d10	15.78	176	1024023	22.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	184305	20.04	ng/ul	0.00
70) Anthracene-d10	17.65	188	1505197	23.30	ng/ul	0.00
76) Pyrene-d10	19.94	212	1629446	22.82	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.02	264	1509337	23.41	ng/ul	0.00

Target Compounds

						Qvalue
44) Dimethylphthalate	14.22	163	546842	11.04	ng/ul	97
69) Phenanthrene	17.59	178	96896	1.30	ng/ul	97
74) Fluoranthene	19.60	202	176090	2.32	ng/ul#	90
77) Pyrene	19.97	202	247892	2.84	ng/ul	96
80) Benzo(a)anthracene	21.85	228	97046	1.22	ng/ul	96
82) Chrysene	21.91	228	102197	1.41	ng/ul#	89
85) Benzo(b)fluoranthene	24.17	252	95727	1.18	ng/ul	97
88) Benzo(a)pyrene	25.10	252	82743m	1.06	ng/ul	

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

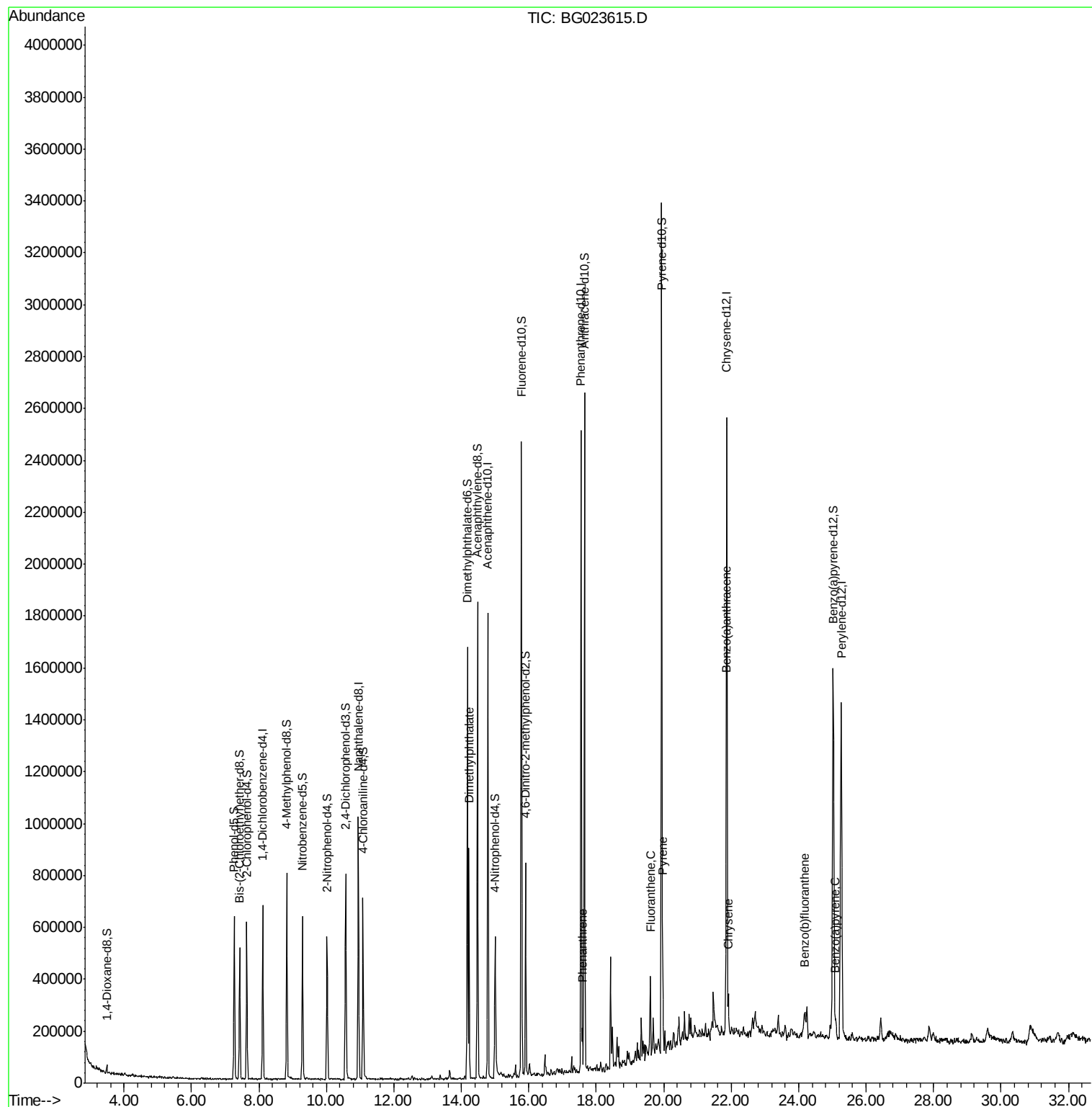
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023615.D
Acq On : 11 Aug 2016 5:45
Operator : UM/SJ
Sample : H4385-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

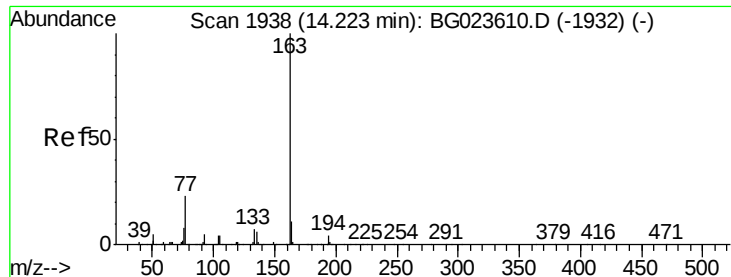
Instrument :
BNA_G
ClientSampleId :
P002-SS002-2430-01

Manual Integrations
APPROVED

sohil
8/11/2016 6:14:38 PM

Quant Time: Aug 11 07:14:17 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 11 03:58:16 2016
Response via : Initial Calibration





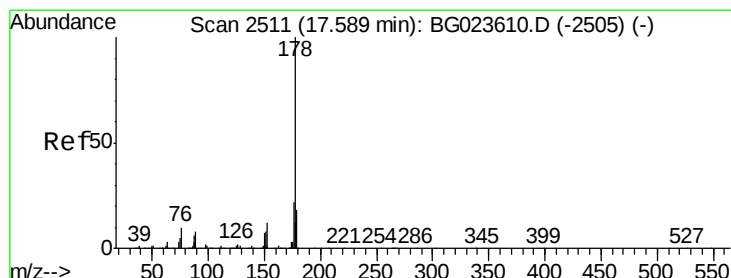
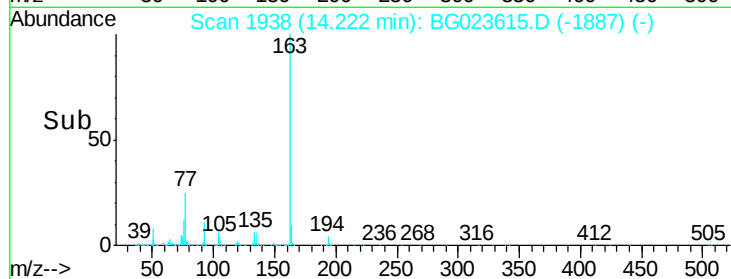
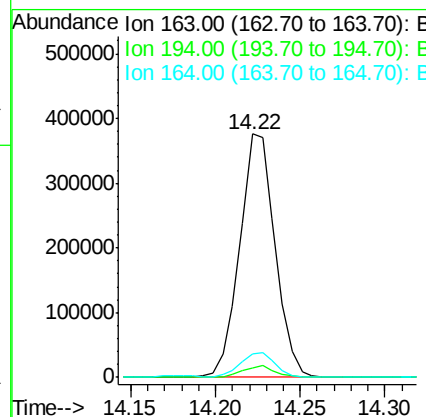
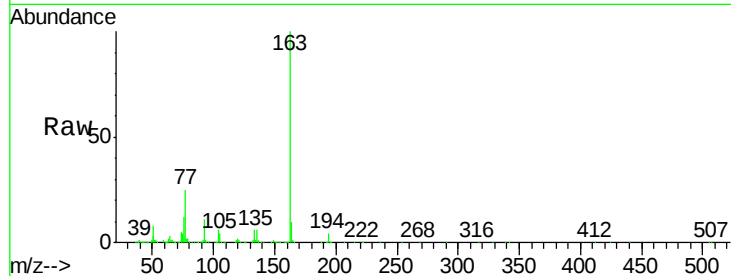
#44
Dimethylphthalate
Concen: 11.04 ng/ul
RT: 14.22 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BG023615.D
Acq: 11 Aug 2016 5:45

Instrument :
BNA_G
ClientSampleId :
P002-SS002-2430-01

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.9	3.4	5.2
164	9.8	8.8	13.2

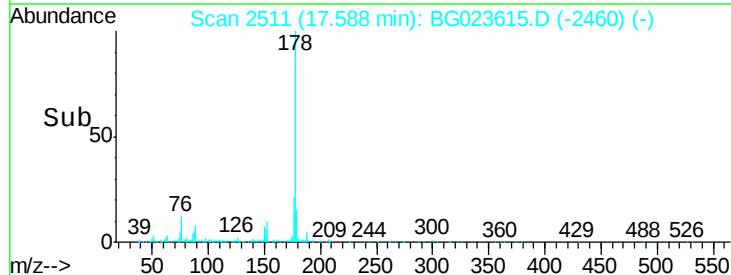
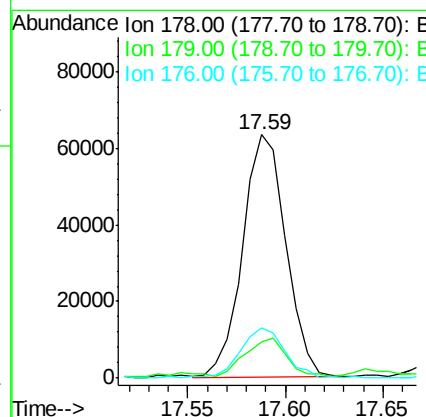
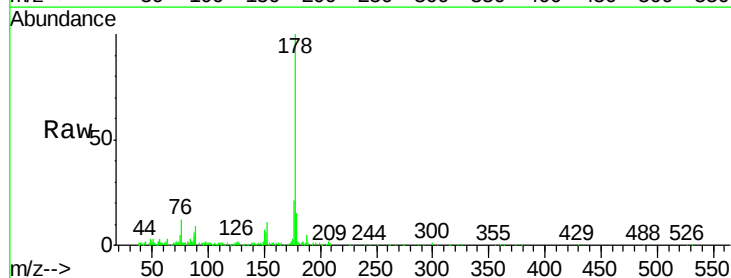
Manual Integrations
APPROVED

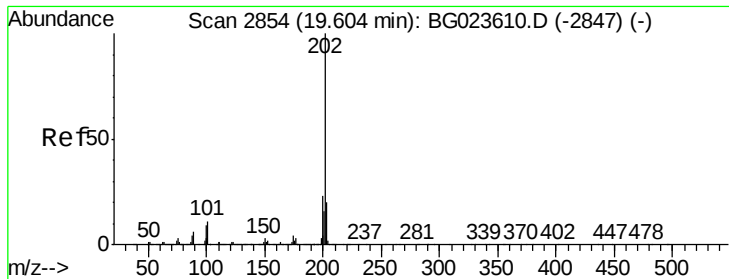
sohil
8/11/2016 6:14:38 PM



#69
Phenanthrene
Concen: 1.30 ng/ul
RT: 17.59 min Scan# 2511
Delta R.T. 0.00 min
Lab File: BG023615.D
Acq: 11 Aug 2016 5:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
179	14.8	12.9	19.3
176	20.8	15.8	23.8





#74

Fluoranthene

Concen: 2.32 ng/ul

RT: 19.60 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG023615.D

Acq: 11 Aug 2016 5:45

Instrument :

BNA_G

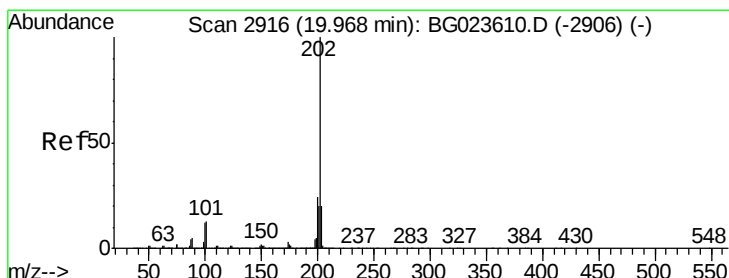
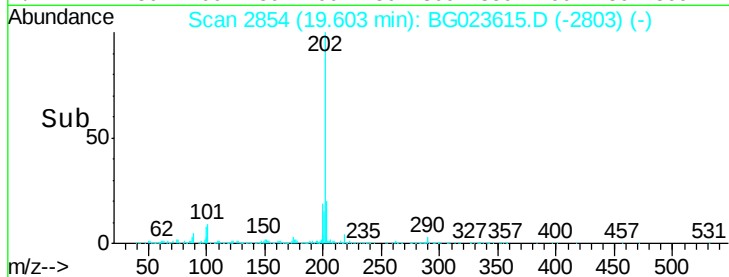
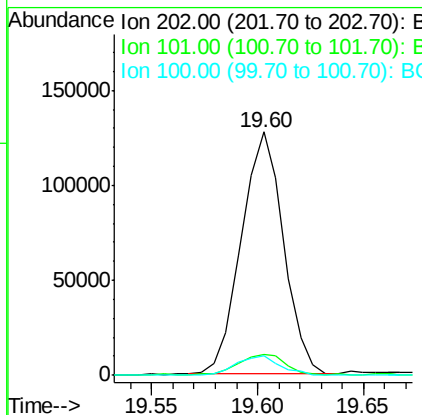
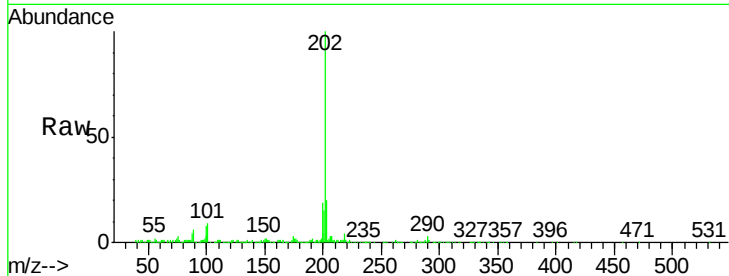
ClientSampleId :

P002-SS002-2430-01

Tgt Ion:	202	Resp:	176090
Ion Ratio	Lower	Upper	
202	100		
101	8.7	10.6	16.0#
100	7.8	8.7	13.1#

Manual Integrations
APPROVED

sohil
8/11/2016 6:14:38 PM



#77

Pyrene

Concen: 2.84 ng/ul

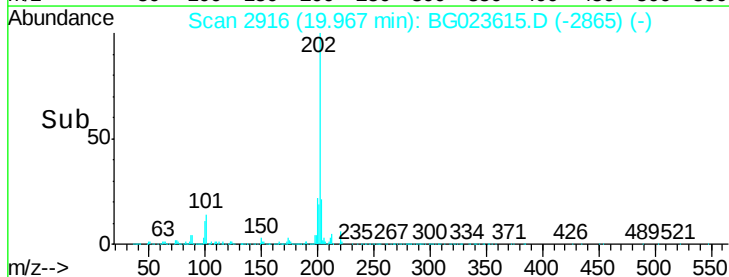
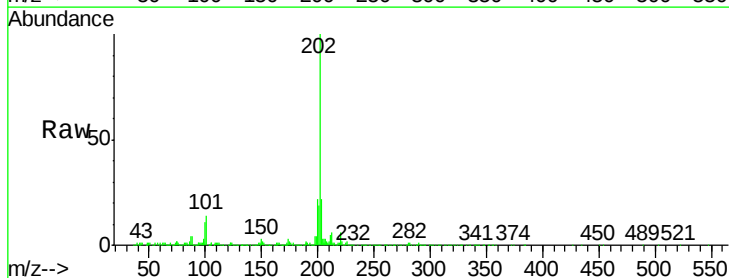
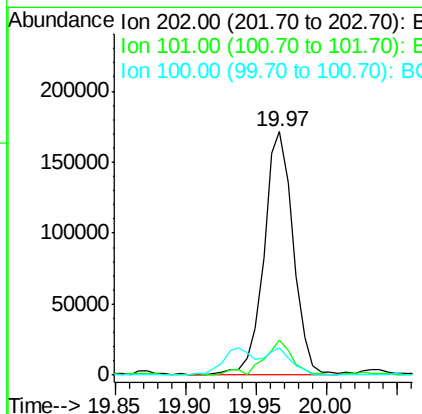
RT: 19.97 min Scan# 2916

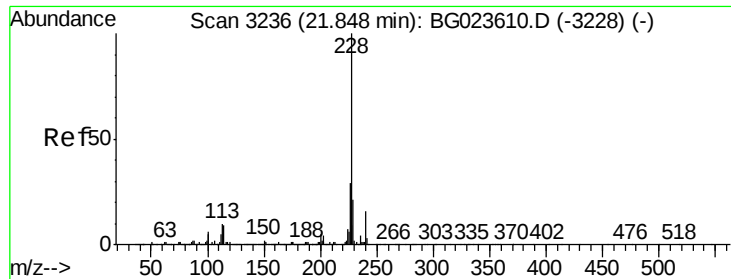
Delta R.T. 0.00 min

Lab File: BG023615.D

Acq: 11 Aug 2016 5:45

Tgt Ion:	202	Resp:	247892
Ion Ratio	Lower	Upper	
202	100		
101	14.3	12.5	18.7
100	11.1	10.2	15.4





#80

Benzo(a)anthracene

Concen: 1.22 ng/ul

RT: 21.85 min Scan# 3236

Delta R.T. 0.00 min

Lab File: BG023615.D

Acq: 11 Aug 2016 5:45

Instrument :

BNA_G

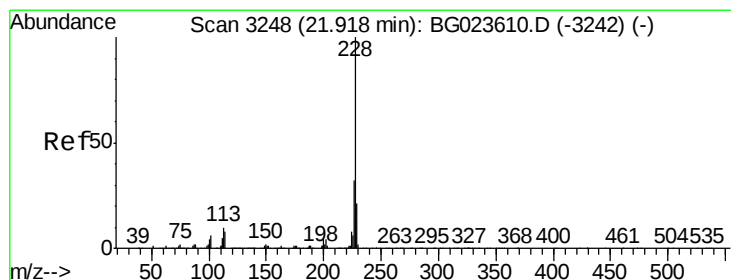
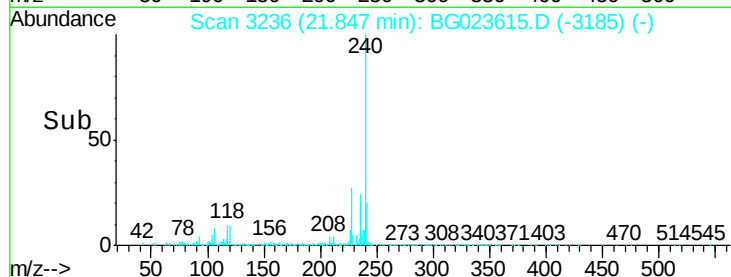
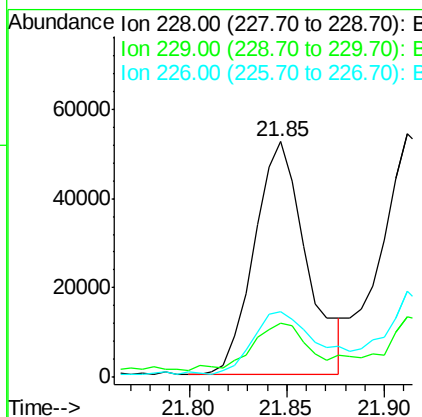
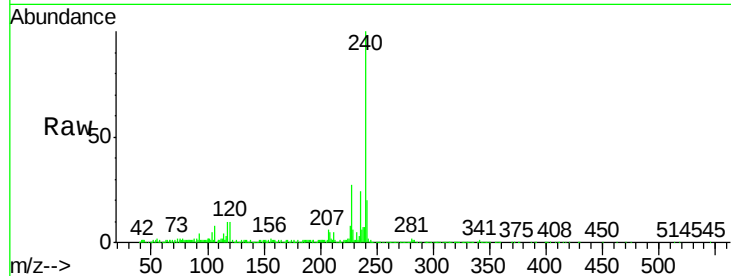
ClientSampleId :

P002-SS002-2430-01

Tgt	Ion:228	Resp:	97046
Ion	Ratio	Lower	Upper
228	100		
229	22.8	15.4	23.2
226	28.1	22.8	34.2

Manual Integrations
APPROVED

sohil
8/11/2016 6:14:38 PM



#82

Chrysene

Concen: 1.41 ng/ul

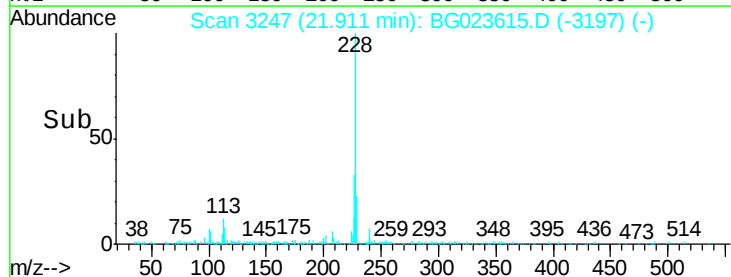
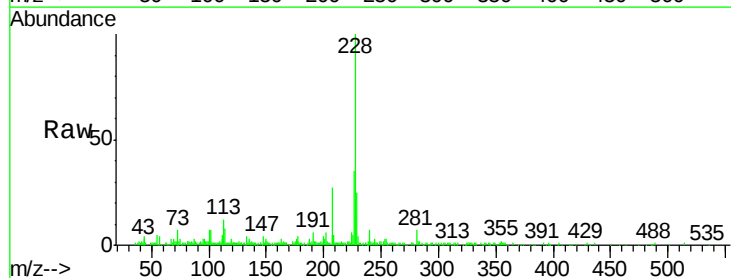
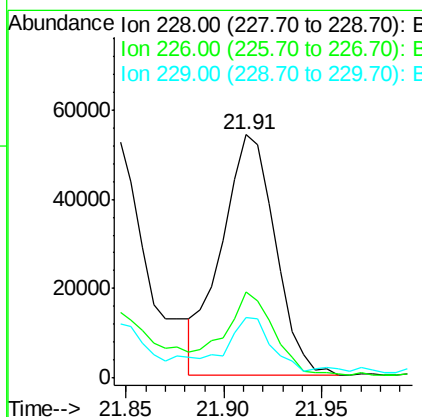
RT: 21.91 min Scan# 3247

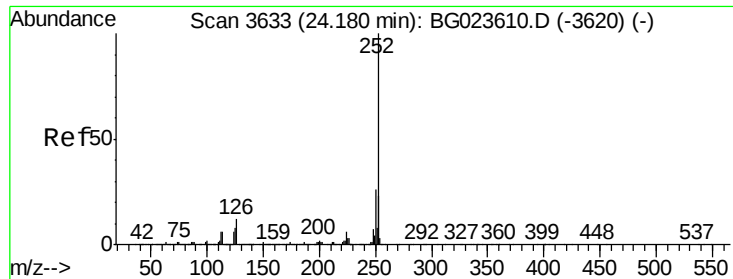
Delta R.T. -0.01 min

Lab File: BG023615.D

Acq: 11 Aug 2016 5:45

Tgt	Ion:228	Resp:	102197
Ion	Ratio	Lower	Upper
228	100		
226	35.2	24.2	36.4
229	24.7	15.0	22.6#





#85

Benzo(b)fluoranthene

Concen: 1.18 ng/ul

RT: 24.17 min Scan# 3632

Delta R.T. -0.01 min

Lab File: BG023615.D

Acq: 11 Aug 2016 5:45

Instrument :

BNA_G

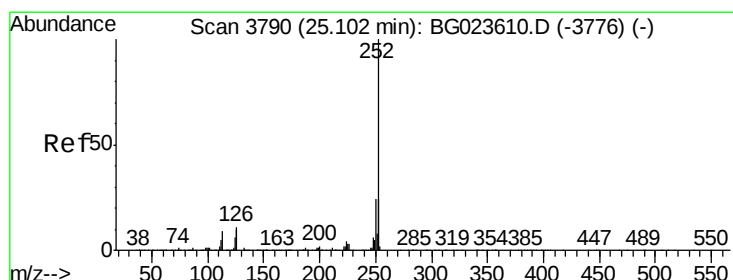
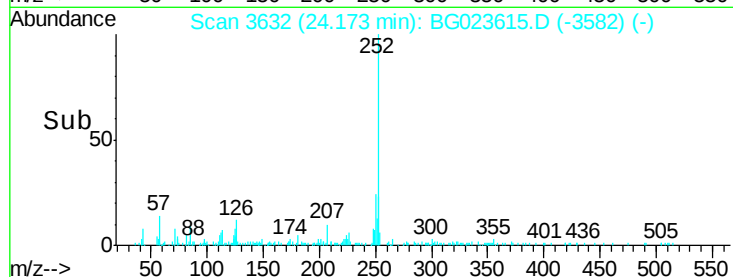
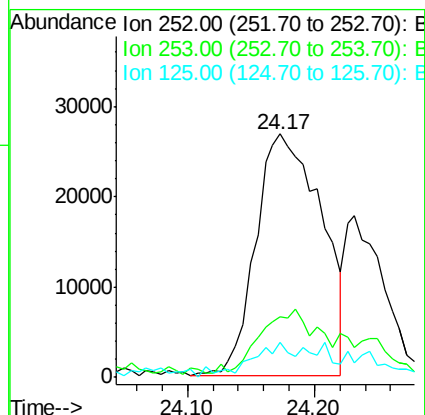
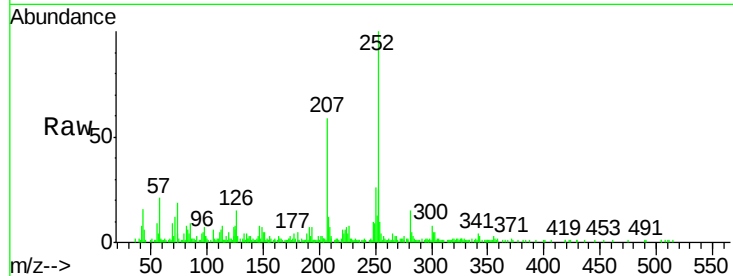
ClientSampleId :

P002-SS002-2430-01

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	95727		
253	24.9	18.2	27.2	
125	14.1	10.8	16.2	

Manual Integrations
APPROVED

sohil
8/11/2016 6:14:38 PM



#88

Benzo(a)pyrene

Concen: 1.06 ng/ul m

RT: 25.10 min Scan# 3789

Delta R.T. -0.01 min

Lab File: BG023615.D

Acq: 11 Aug 2016 5:45

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	82743		
253	23.8	19.0	28.4	
125	7.0	12.0	18.0	

