

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
 Data File : BG023637.D
 Acq On : 12 Aug 2016 00:43
 Operator : UM/SJ
 Sample : H4360-20 4X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS004-0206-01

Manual Integrations
 APPROVED

sohil
 8/12/2016 5:56:11 PM

Quant Time: Aug 12 05:42:32 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 12 04:34:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	155660	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.94	136	720504	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.78	164	484135	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.55	188	1080212	20.00	ng/ul	-0.01
75) Chrysene-d12	21.87	240	1067009	20.00	ng/ul	0.00
83) Perylene-d12	25.27	264	1105373	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	949	0.26	ng/uL	0.00
5) Phenol-d5	7.27	99	36284	2.31	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.43	67	35120	3.50	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.64	132	34221	3.20	ng/ul	-0.01
13) 4-Methylphenol-d8	8.84	113	21352	1.74	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	17587	3.10	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.02	143	22305	3.42	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.58	165	36749	2.99	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	23384	1.62	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	136165	3.44	ng/ul	-0.01
46) Acenaphthylene-d8	14.48	160	163508	3.67	ng/ul	-0.01
51) 4-Nitrophenol-d4	15.03	143	12756m	1.89	ng/ul	0.03
57) Fluorene-d10	15.78	176	131282	3.58	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.91	200	10684	1.54	ng/ul	0.00
70) Anthracene-d10	17.65	188	190871	3.92	ng/ul	-0.01
76) Pyrene-d10	19.94	212	200682	3.72	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.03	264	183653	3.67	ng/ul	-0.01

Target Compounds

						Qvalue
44) Dimethylphthalate	14.23	163	62403	1.59	ng/ul	97
69) Phenanthrene	17.59	178	359119	6.42	ng/ul	98
74) Fluoranthene	19.60	202	609889	10.65	ng/ul#	90
77) Pyrene	19.97	202	785856	11.91	ng/ul#	92
80) Benzo(a)anthracene	21.85	228	405835m	6.75	ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.74	149	4148613	123.32	ng/ul#	52
82) Chrysene	21.92	228	450153	8.24	ng/ul#	93
84) Di-n-octyl phthalate	23.00	149	142753	2.56	ng/ul	100
85) Benzo(b)fluoranthene	24.19	252	428742	6.82	ng/ul#	94
86) Benzo(k)fluoranthene	24.25	252	157317m	2.54	ng/ul	
88) Benzo(a)pyrene	25.11	252	343329m	5.66	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.15	276	230538	3.23	ng/ul	96
91) Benzo(g,h,i)perylene	30.38	276	219001	3.70	ng/ul#	84

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

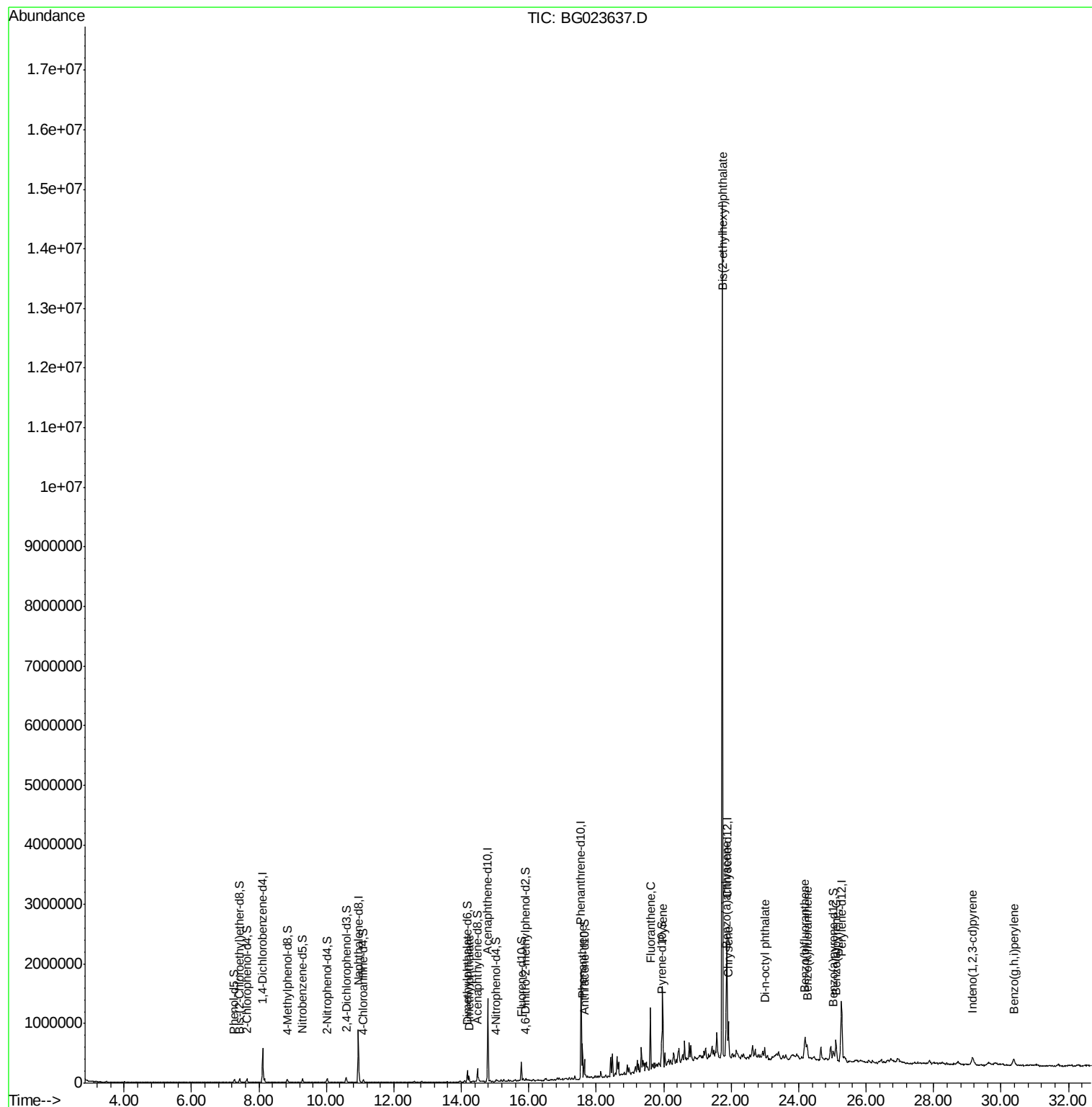
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023637.D
Acq On : 12 Aug 2016 00:43
Operator : UM/SJ
Sample : H4360-20 4X
Misc :
ALS Vial : 17 Sample Multiplier: 1

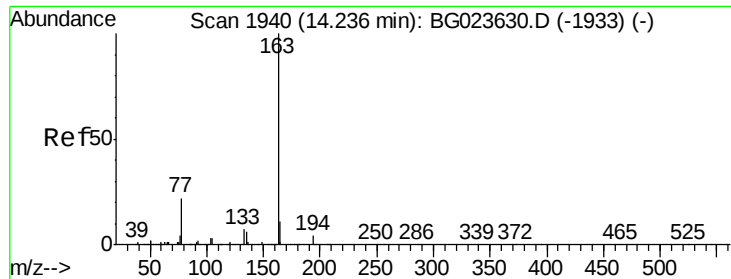
Instrument :
BNA_G
ClientSampleId :
PR001-SS004-0206-01

Manual Integrations
APPROVED

sohil
8/12/2016 5:56:11 PM

Quant Time: Aug 12 05:42:32 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 12 04:34:52 2016
Response via : Initial Calibration





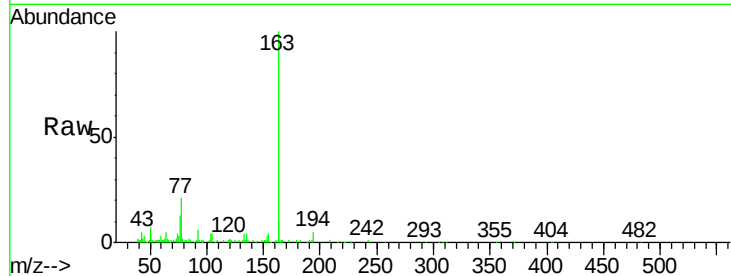
#44
Dimethylphthalate
Concen: 1.59 ng/ul
RT: 14.23 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG023637.D
Acq: 12 Aug 2016 00:43

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-0206-01

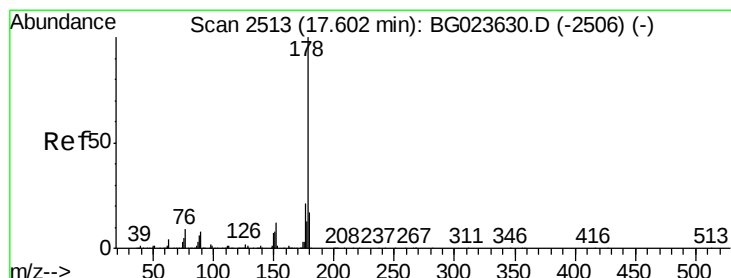
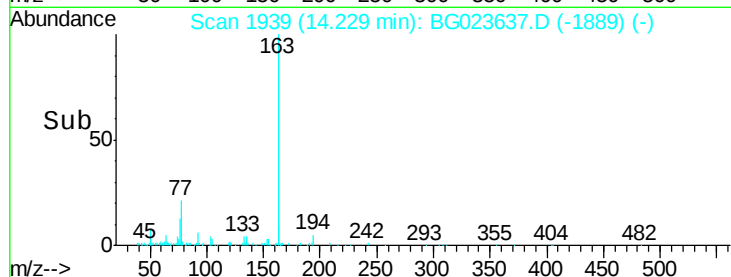
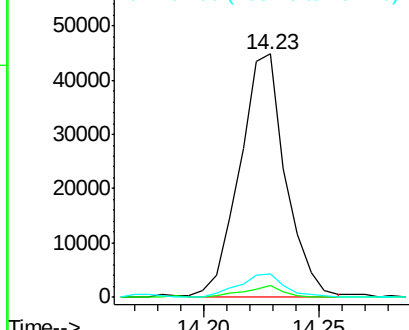
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.4	5.2
164	9.6	8.8	13.2

Manual Integrations
APPROVED

sohil
8/12/2016 5:56:11 PM

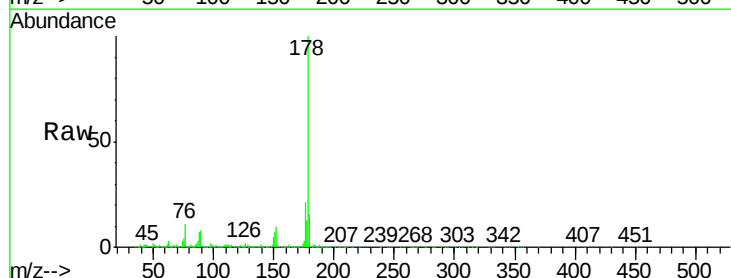


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

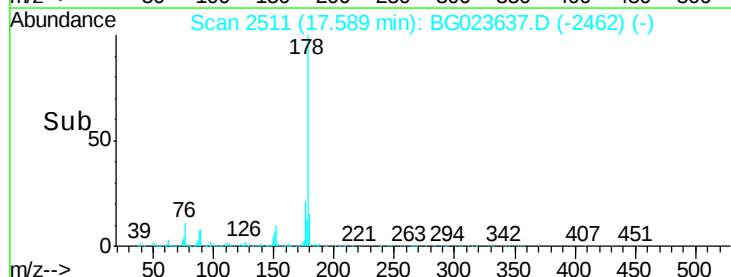
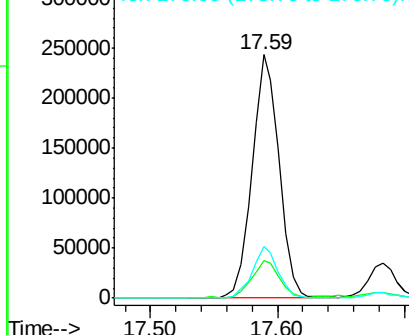


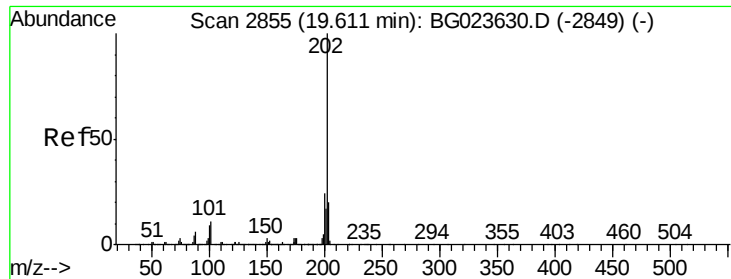
#69
Phenanthrene
Concen: 6.42 ng/ul
RT: 17.59 min Scan# 2511
Delta R.T. -0.01 min
Lab File: BG023637.D
Acq: 12 Aug 2016 00:43

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.9	19.3
176	21.5	15.8	23.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 10.65 ng/ul

RT: 19.60 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG023637.D

Acq: 12 Aug 2016 00:43

Instrument :

BNA_G

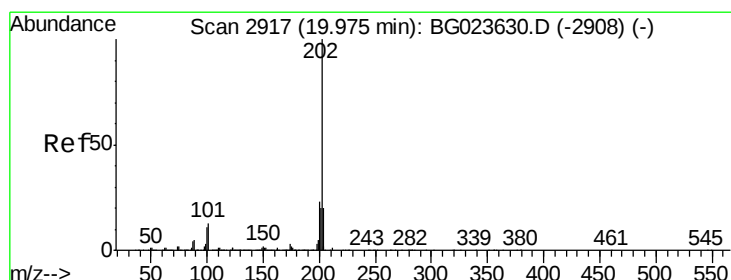
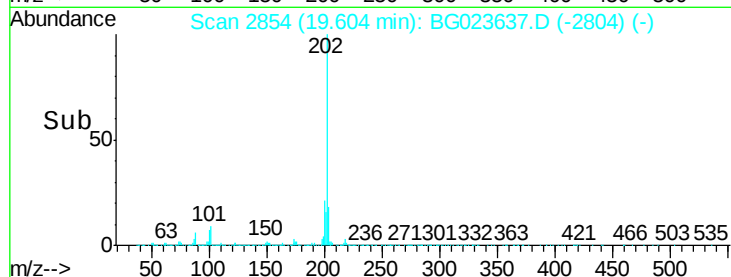
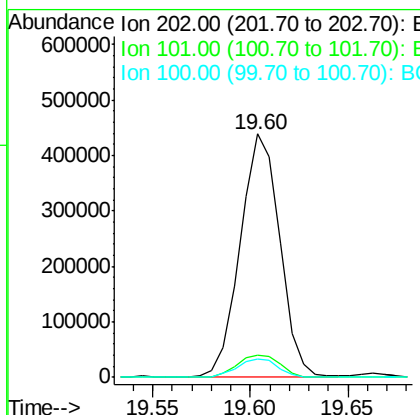
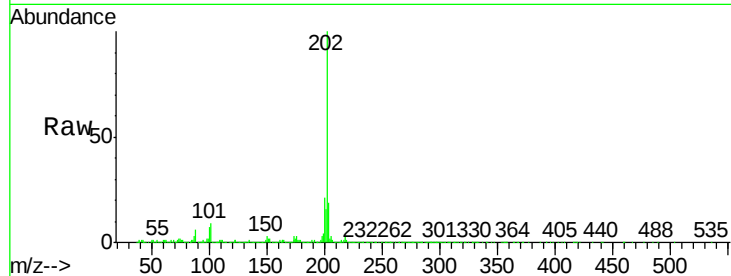
ClientSampleId :

PR001-SS004-0206-01

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	609889		
101	9.3	10.6	16.0#	
100	7.5	8.7	13.1#	

Manual Integrations
APPROVED

sohil
8/12/2016 5:56:11 PM



#77

Pyrene

Concen: 11.91 ng/ul

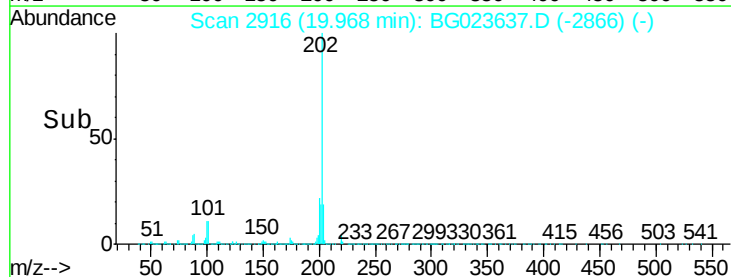
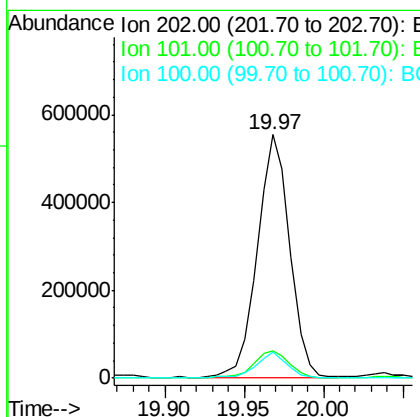
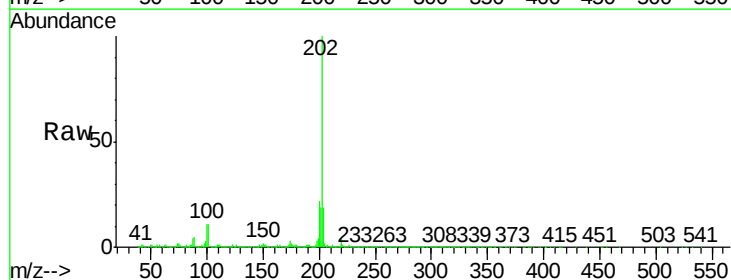
RT: 19.97 min Scan# 2916

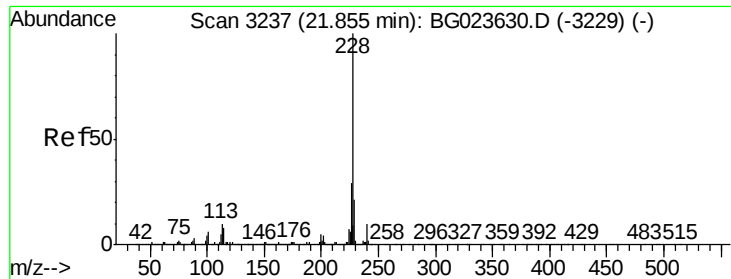
Delta R.T. -0.01 min

Lab File: BG023637.D

Acq: 12 Aug 2016 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	785856		
101	11.0	12.5	18.7#	
100	10.6	10.2	15.4	





#80

Benzo(a)anthracene

Concen: 6.75 ng/ul m

RT: 21.85 min Scan# 3236

Delta R.T. -0.01 min

Lab File: BG023637.D

Acq: 12 Aug 2016 00:43

Instrument :

BNA_G

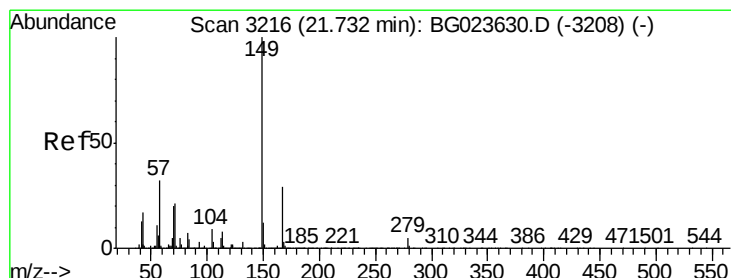
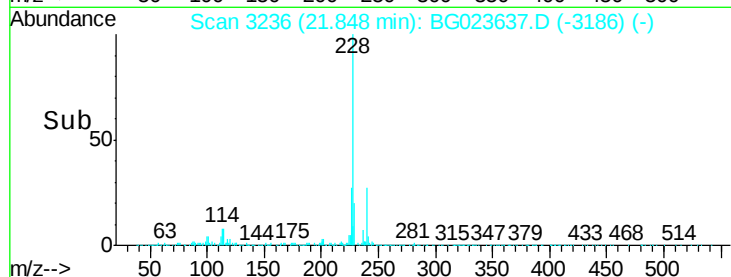
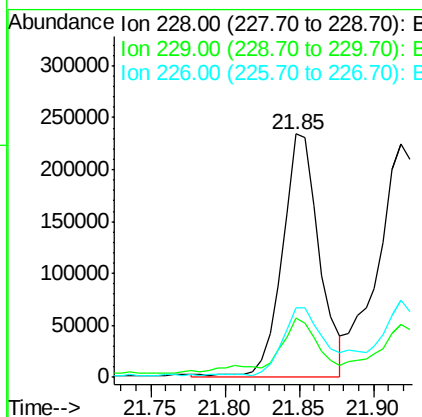
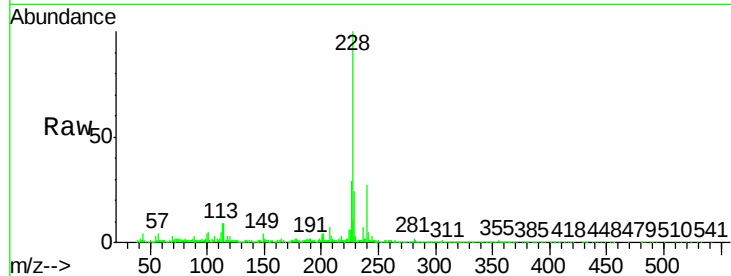
ClientSampleId :

PR001-SS004-0206-01

Tgt Ion	Ratio	Lower	Upper
228	100		
229	24.3	15.4	23.2#
226	28.5	22.8	34.2

Manual Integrations
APPROVED

sohil
8/12/2016 5:56:11 PM



#81

Bis(2-ethylhexyl)phthalate

Concen: 123.32 ng/ul

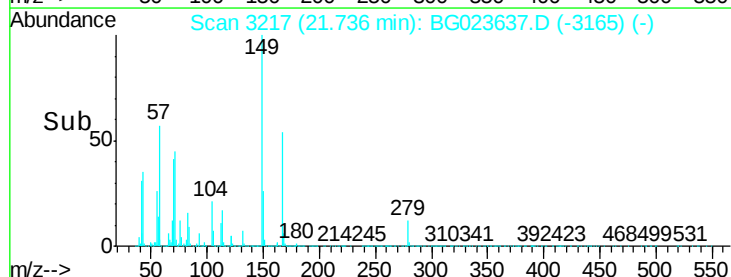
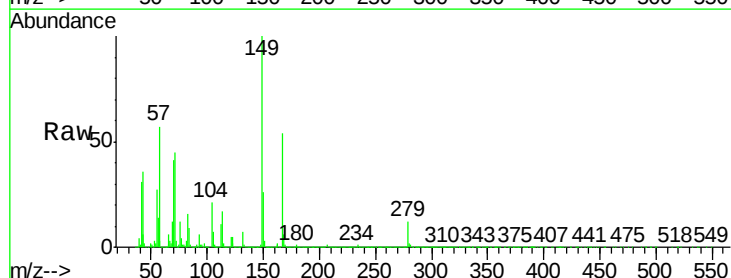
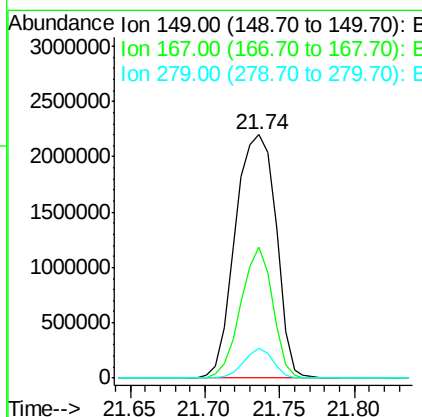
RT: 21.74 min Scan# 3217

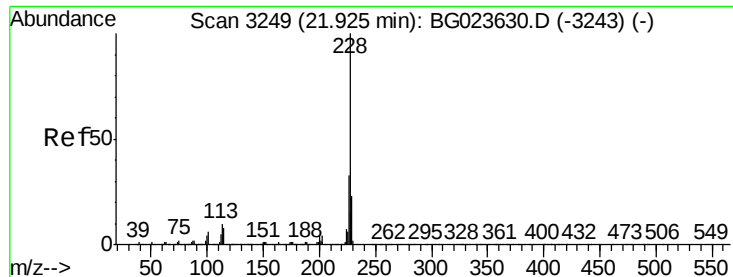
Delta R.T. 0.00 min

Lab File: BG023637.D

Acq: 12 Aug 2016 00:43

Tgt Ion	Ratio	Lower	Upper
149	100		
167	53.7	21.9	32.9#
279	12.3	2.9	4.3#





#82

Chrysene

Concen: 8.24 ng/ul

RT: 21.92 min Scan# 3248

Delta R.T. -0.01 min

Lab File: BG023637.D

Acq: 12 Aug 2016 00:43

Instrument :

BNA_G

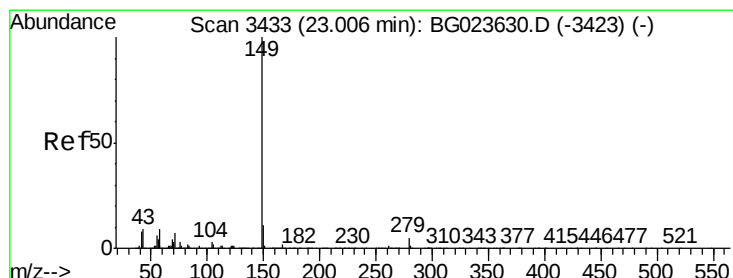
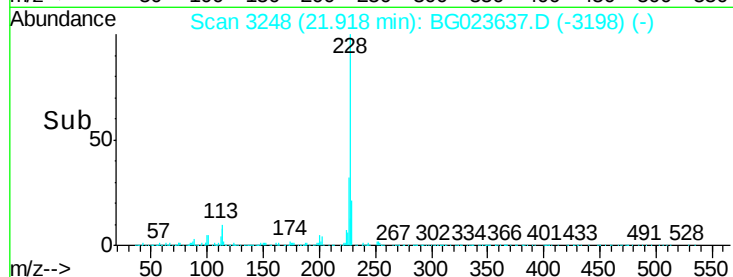
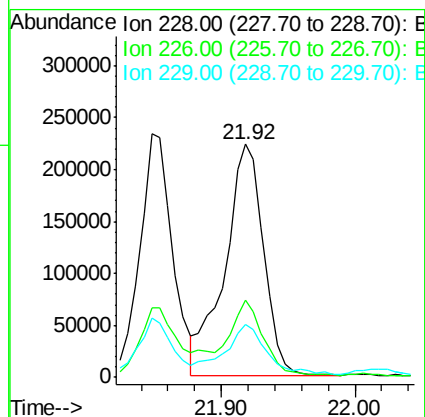
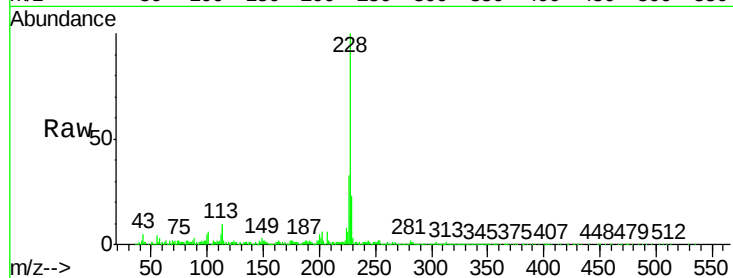
ClientSampleId :

PR001-SS004-0206-01

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	450153		
226	33.2	24.2	36.4	
229	22.8	15.0	22.6	

Manual Integrations
APPROVED

sohil
8/12/2016 5:56:11 PM



#84

Di-n-octyl phthalate

Concen: 2.56 ng/ul

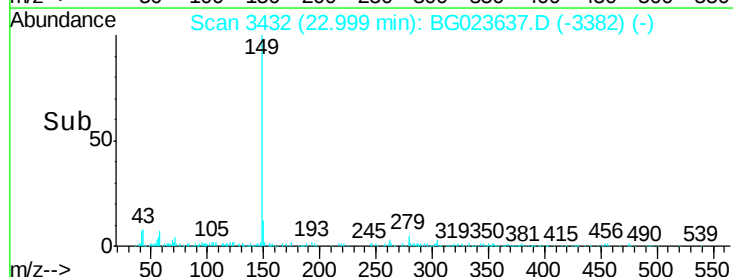
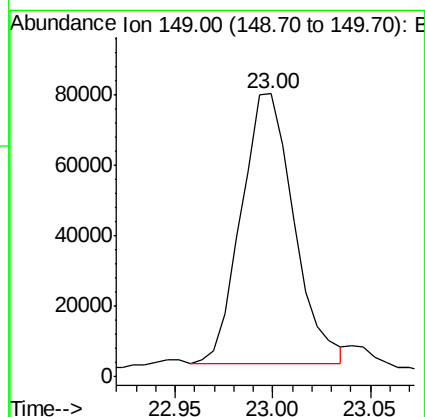
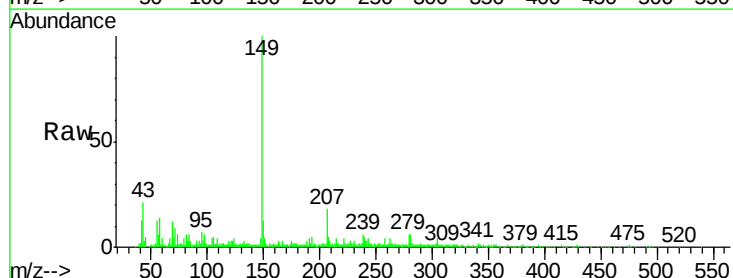
RT: 23.00 min Scan# 3432

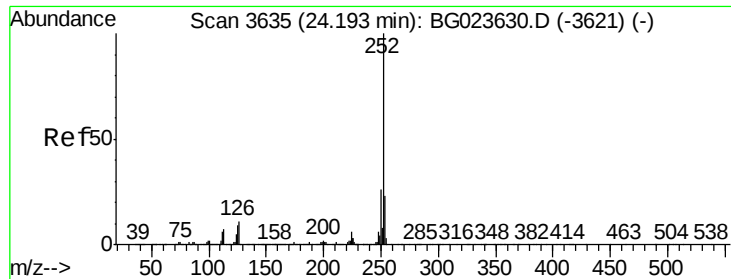
Delta R.T. -0.01 min

Lab File: BG023637.D

Acq: 12 Aug 2016 00:43

Tgt Ion:149 Resp: 142753





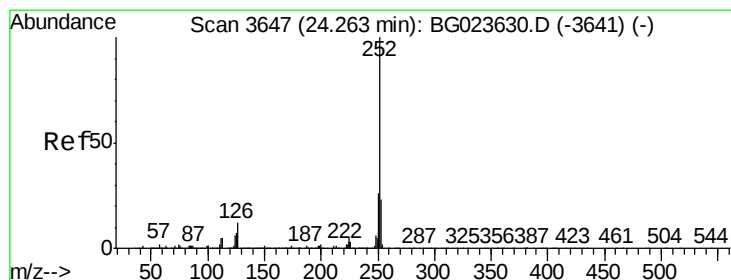
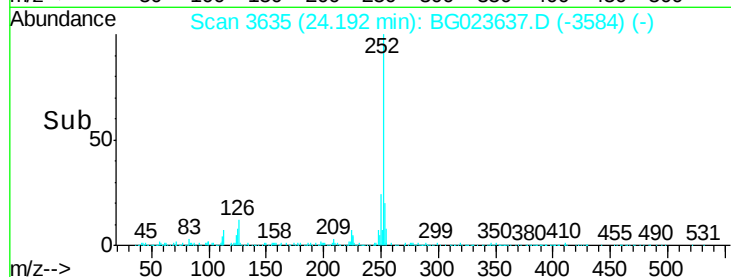
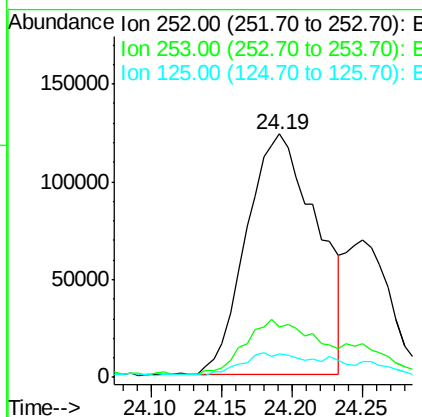
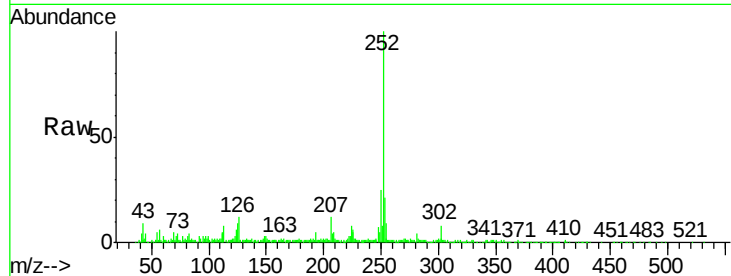
#85
Benzo(b)fluoranthene
Concen: 6.82 ng/ul
RT: 24.19 min Scan# 3635
Delta R.T. -0.00 min
Lab File: BG023637.D
Acq: 12 Aug 2016 00:43

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-0206-01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.7	18.2	27.2
125	9.5	10.8	16.2

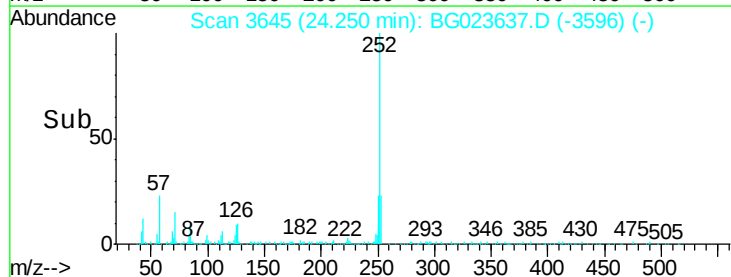
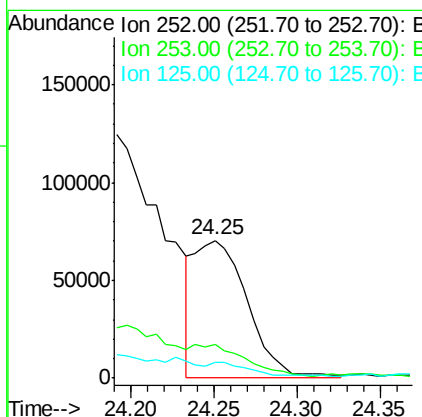
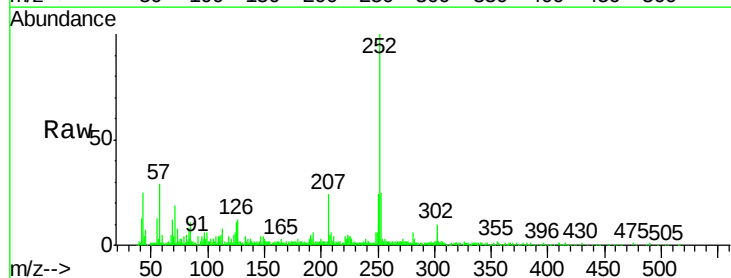
Manual Integrations
APPROVED

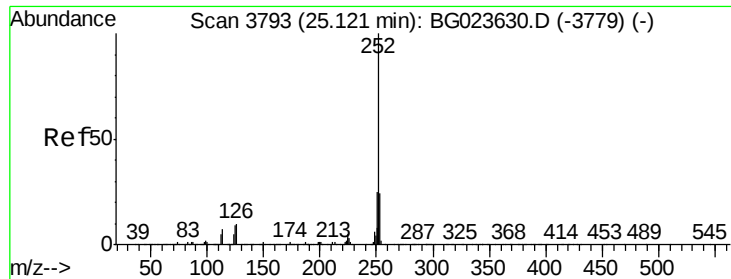
sohil
8/12/2016 5:56:11 PM



#86
Benzo(k)fluoranthene
Concen: 2.54 ng/ul m
RT: 24.25 min Scan# 3645
Delta R.T. -0.01 min
Lab File: BG023637.D
Acq: 12 Aug 2016 00:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	15.8	23.6
125	11.2	10.6	16.0





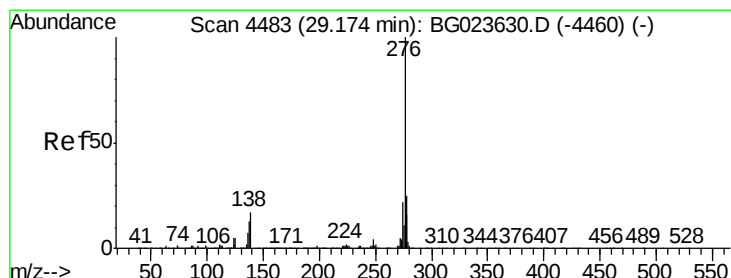
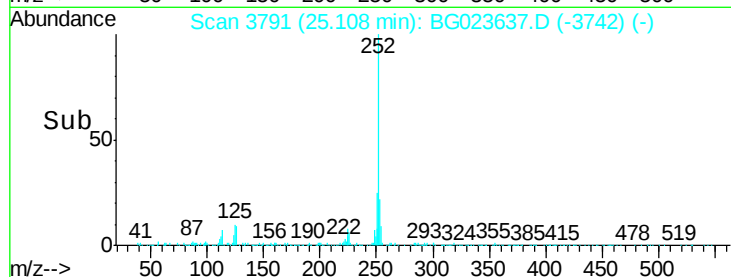
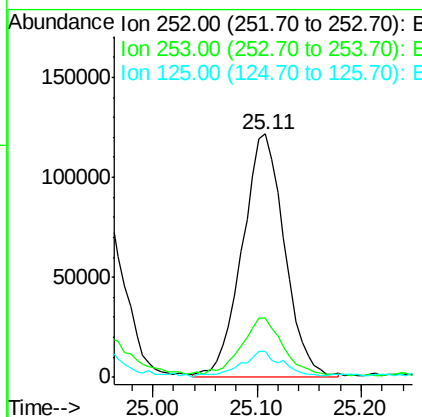
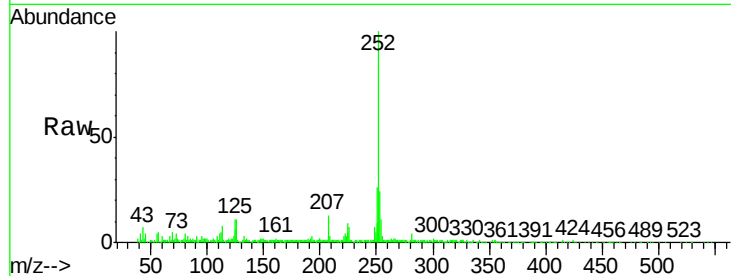
#88
Benzo(a)pyrene
Concen: 5.66 ng/ul m
RT: 25.11 min Scan# 3791
Delta R.T. -0.01 min
Lab File: BG023637.D
Acq: 12 Aug 2016 00:43

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-0206-01

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.5	19.0	28.4
125	10.8	12.0	18.0

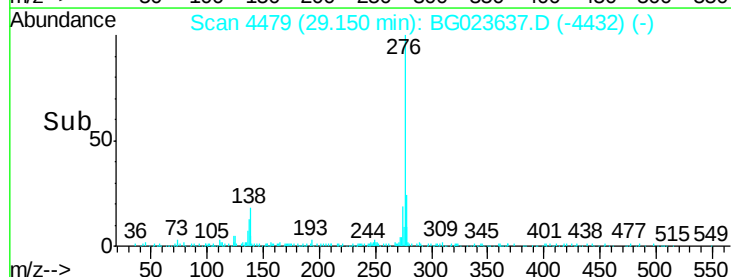
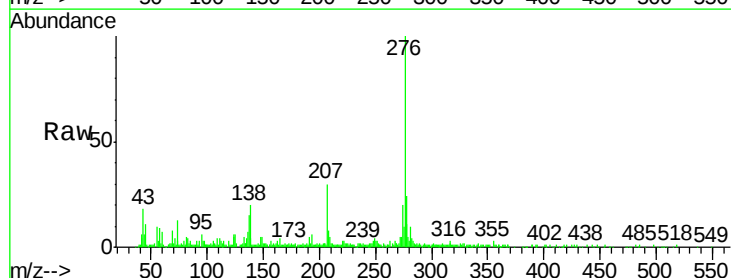
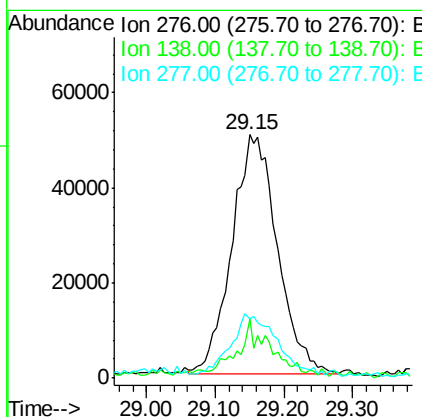
Manual Integrations
APPROVED

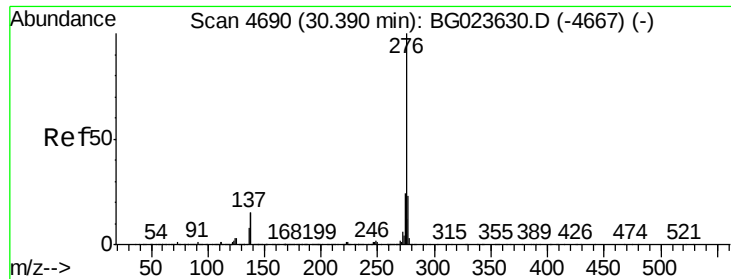
sohil
8/12/2016 5:56:11 PM



#89
Indeno(1,2,3-cd)pyrene
Concen: 3.23 ng/ul
RT: 29.15 min Scan# 4479
Delta R.T. -0.02 min
Lab File: BG023637.D
Acq: 12 Aug 2016 00:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	24.2	20.8	31.2
277	24.4	17.6	26.4





#91
 Benzo(g,h,i)perylene
 Concen: 3.70 ng/ul
 RT: 30.38 min Scan# 4689
 Delta R.T. -0.01 min
 Lab File: BG023637.D
 Acq: 12 Aug 2016 00:43

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS004-0206-01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.1	22.1	33.1#
277	24.7	17.0	25.4

Manual Integrations
 APPROVED

sohil
 8/12/2016 5:56:11 PM

