

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
 Data File : BG023652.D
 Acq On : 12 Aug 2016 12:25
 Operator : UM/SJ
 Sample : H4360-14
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS003-0206-02

Manual Integrations
 APPROVED

sohil
 8/15/2016 6:48:34 PM

Quant Time: Aug 13 02:17:05 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 13 01:31:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	131225	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	729552	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	578715	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1392115	20.00	ng/ul	0.00
75) Chrysene-d12	21.87	240	1130363	20.00	ng/ul	-0.01
83) Perylene-d12	25.29	264	1143537	20.00	ng/ul	0.00

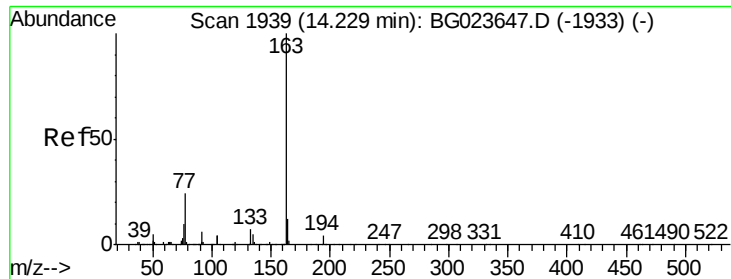
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	1906	0.62	ng/uL	0.00
5) Phenol-d5	7.27	99	175718	13.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	98004	11.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	133142	14.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	138600	13.43	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	65019	11.31	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	127788	19.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.58	165	206455	16.57	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	54462	3.73	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	563826	11.90	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	670698	12.58	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	76287	9.43	ng/ul	0.00
57) Fluorene-d10	15.78	176	550759	12.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.92	200	32937	3.69	ng/ul	0.00
70) Anthracene-d10	17.65	188	835431	13.32	ng/ul	0.00
76) Pyrene-d10	19.94	212	762464	13.33	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.04	264	658907	12.73	ng/ul	-0.01

Target Compounds

						Qvalue
44) Dimethylphthalate	14.22	163	358864	7.65	ng/ul	99
69) Phenanthrene	17.60	178	136386	1.89	ng/ul	100
74) Fluoranthene	19.61	202	251588	3.41	ng/ul#	91
77) Pyrene	19.97	202	268960	3.85	ng/ul#	92
80) Benzo(a)anthracene	21.85	228	102239	1.61	ng/ul	93
81) Bis(2-ethylhexyl)phthalate	21.73	149	47085	1.32	ng/ul#	95
82) Chrysene	21.93	228	127303	2.20	ng/ul	92
85) Benzo(b)fluoranthene	24.19	252	161218	2.48	ng/ul#	76
88) Benzo(a)pyrene	25.12	252	112297	1.79	ng/ul#	88
89) Indeno(1,2,3-cd)pyrene	29.18	276	91074m	1.23	ng/ul	
91) Benzo(g,h,i)perylene	30.40	276	98458m	1.61	ng/ul	

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



#44

Dimethylphthalate

Concen: 7.65 ng/ul

RT: 14.22 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG023652.D

Acq: 12 Aug 2016 12:25

Instrument :

BNA_G

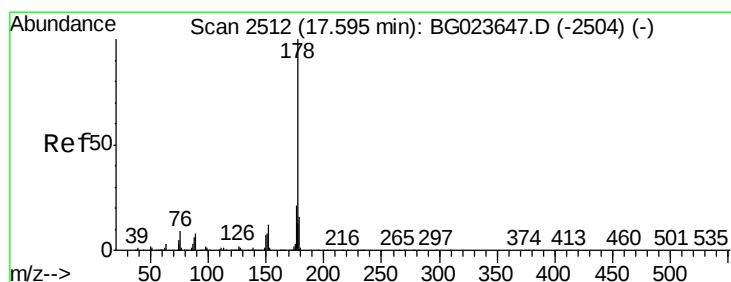
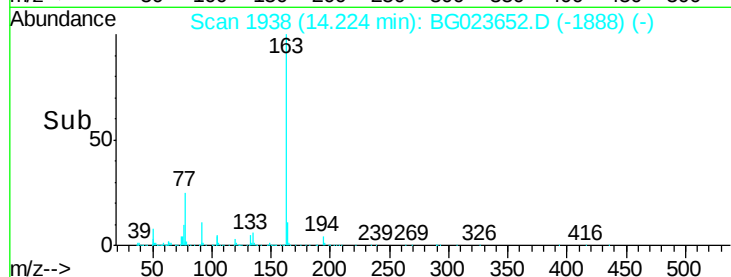
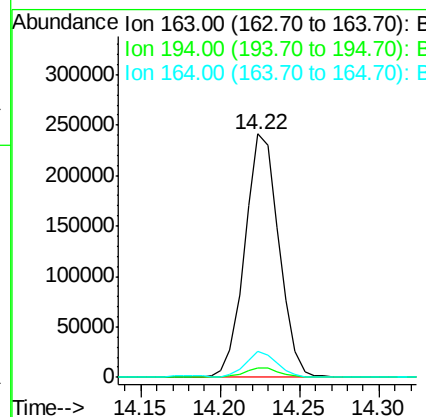
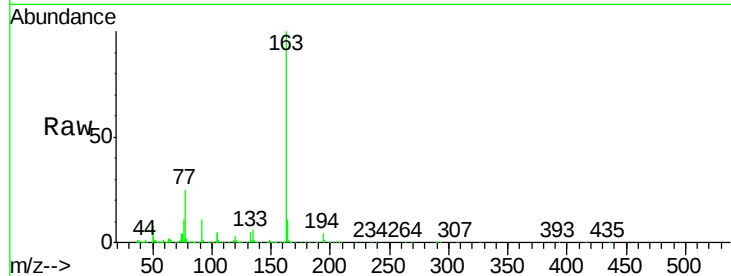
ClientSampleId :

PR001-SS003-0206-02

Tgt Ion:	163	Resp:	358864
Ion Ratio		Lower	Upper
163	100		
194	3.9	3.4	5.2
164	10.7	8.8	13.2

Manual Integrations
APPROVED

sohil
8/15/2016 6:48:34 PM



#69

Phenanthrene

Concen: 1.89 ng/ul

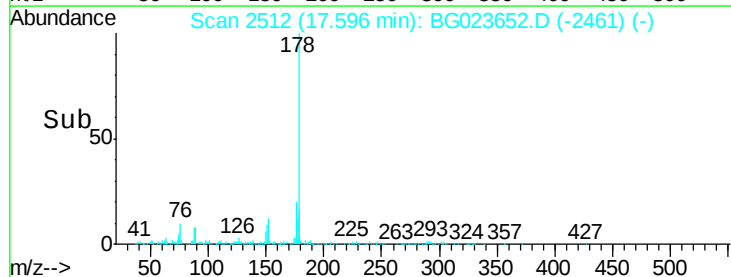
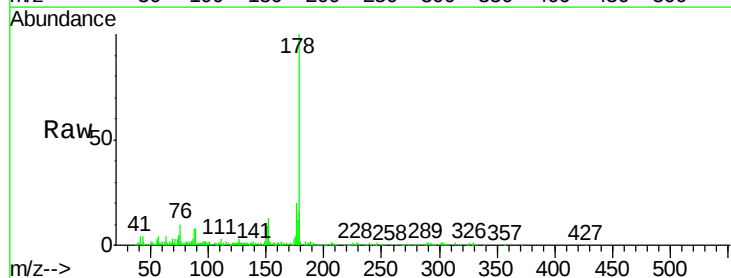
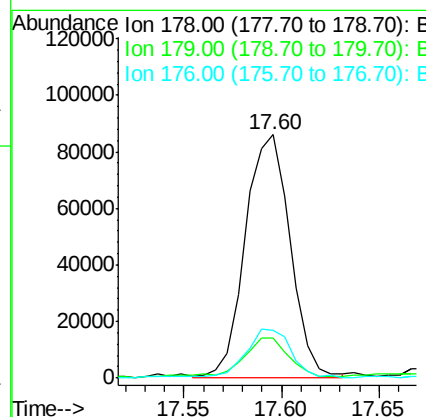
RT: 17.60 min Scan# 2512

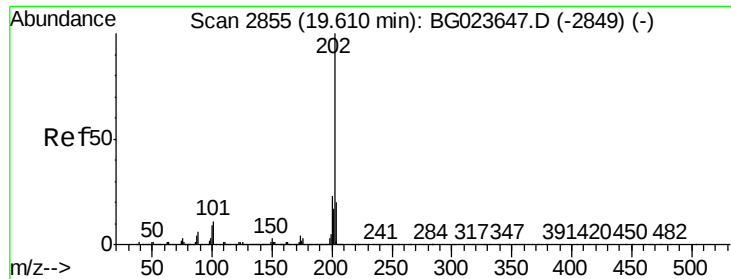
Delta R.T. 0.00 min

Lab File: BG023652.D

Acq: 12 Aug 2016 12:25

Tgt Ion:	178	Resp:	136386
Ion Ratio		Lower	Upper
178	100		
179	16.2	12.9	19.3
176	19.8	15.8	23.8





#74

Fluoranthene

Concen: 3.41 ng/ul

RT: 19.61 min Scan# 2855

Delta R.T. 0.00 min

Lab File: BG023652.D

Acq: 12 Aug 2016 12:25

Instrument :

BNA_G

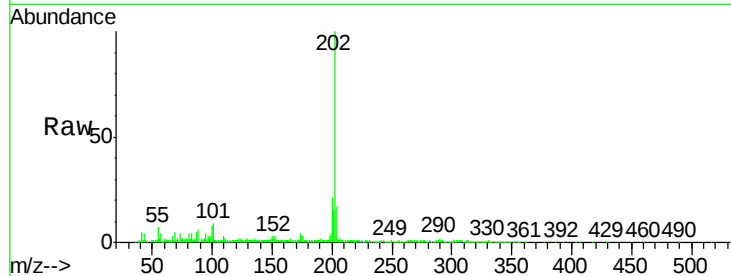
ClientSampleId :

PR001-SS003-0206-02

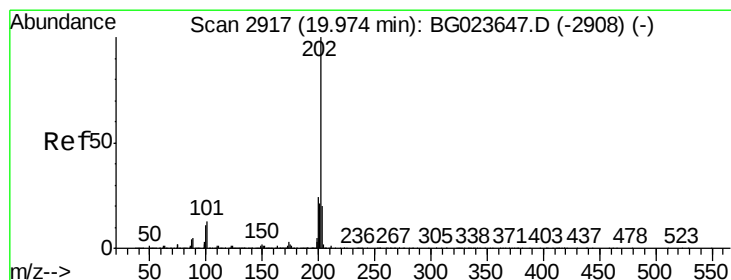
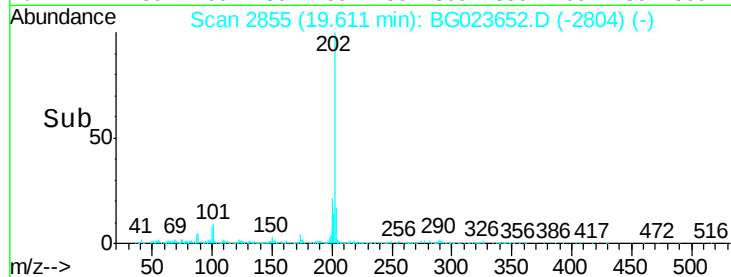
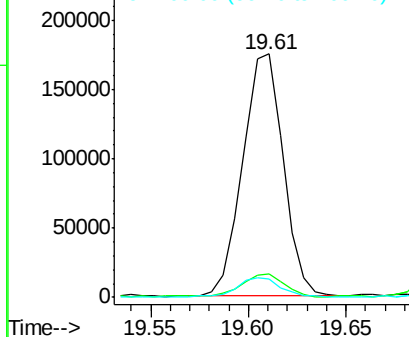
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	251588		
101	9.5	10.6	16.0#	
100	7.6	8.7	13.1#	

Manual Integrations
APPROVED

sohil
8/15/2016 6:48:34 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



#77

Pyrene

Concen: 3.85 ng/ul

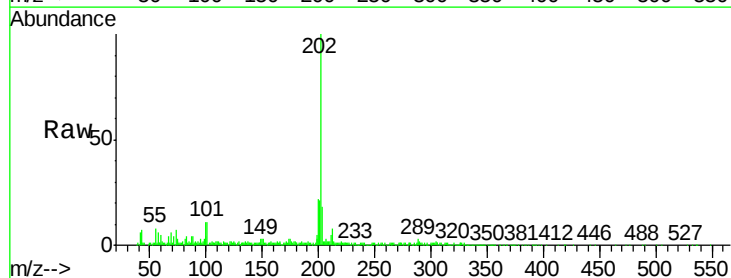
RT: 19.97 min Scan# 2916

Delta R.T. -0.01 min

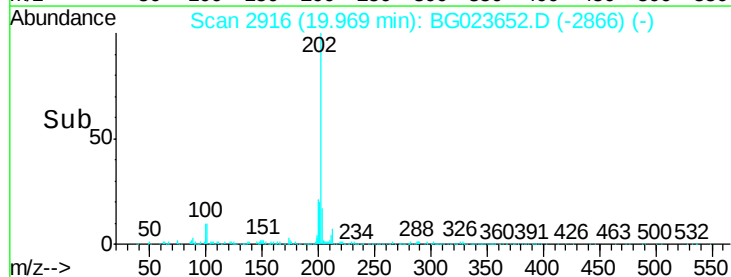
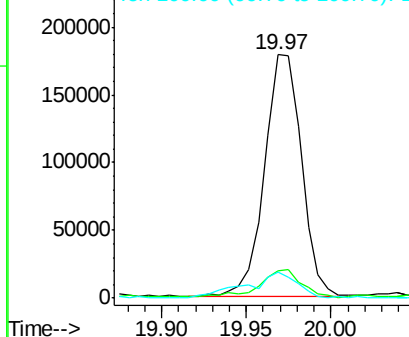
Lab File: BG023652.D

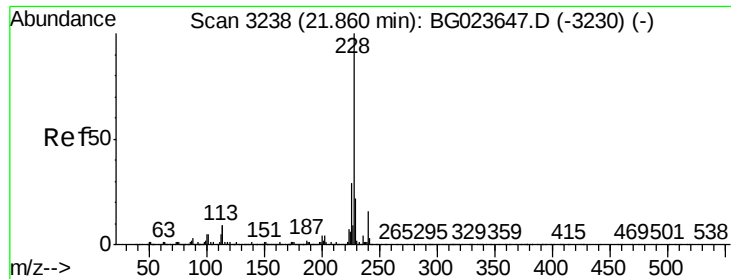
Acq: 12 Aug 2016 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	268960		
101	11.3	12.5	18.7#	
100	10.6	10.2	15.4	



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

Benzo(a)anthracene

Concen: 1.61 ng/ul

RT: 21.85 min Scan# 3237

Delta R.T. -0.01 min

Lab File: BG023652.D

Acq: 12 Aug 2016 12:25

Instrument :

BNA_G

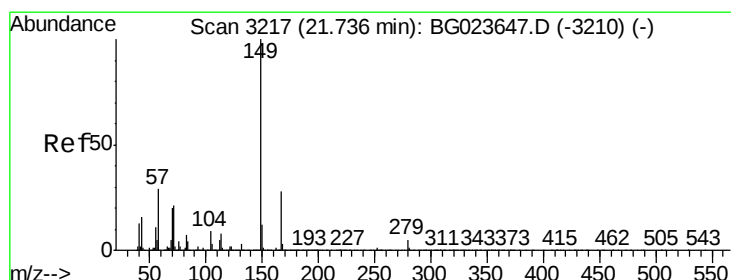
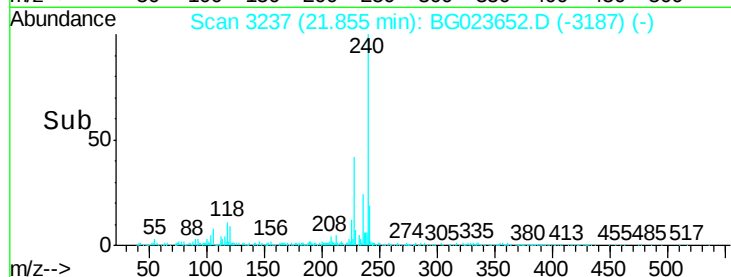
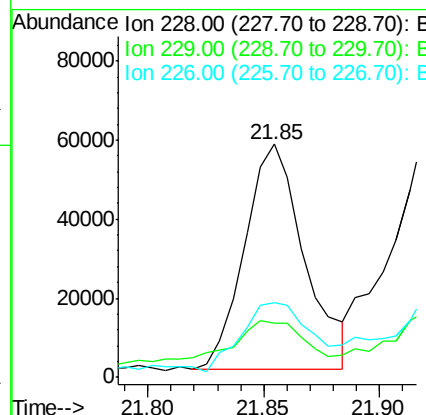
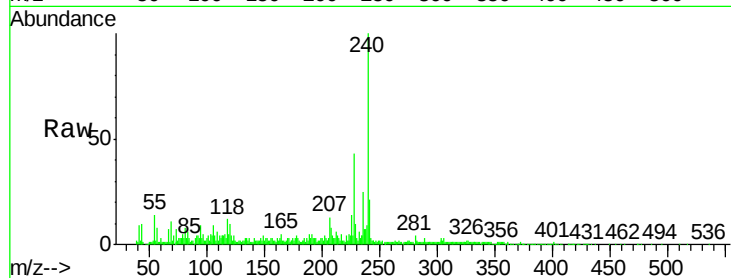
ClientSampleId :

PR001-SS003-0206-02

Tgt Ion:	228	Resp:	102239
Ion Ratio		Lower	Upper
228	100		
229	23.1	15.4	23.2
226	32.1	22.8	34.2

Manual Integrations
APPROVED

sohil
8/15/2016 6:48:34 PM



#81

Bis(2-ethylhexyl)phthalate

Concen: 1.32 ng/ul

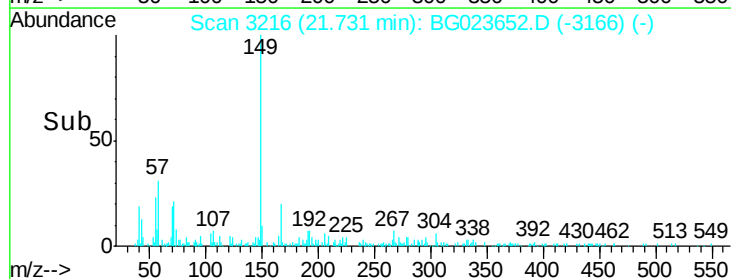
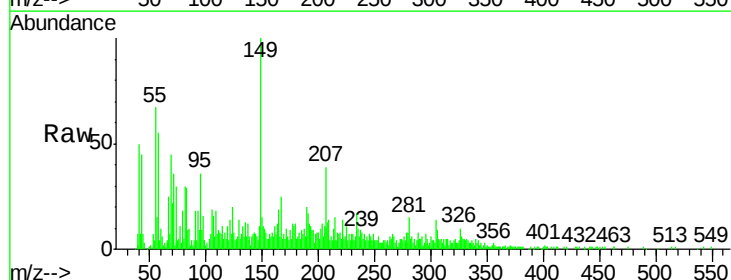
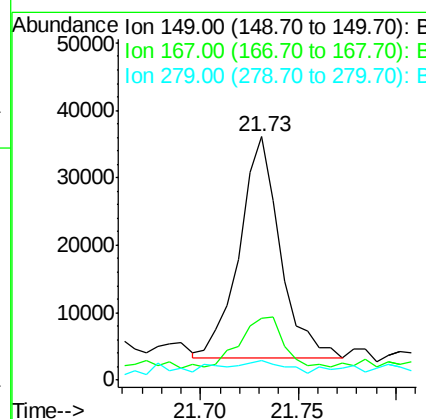
RT: 21.73 min Scan# 3216

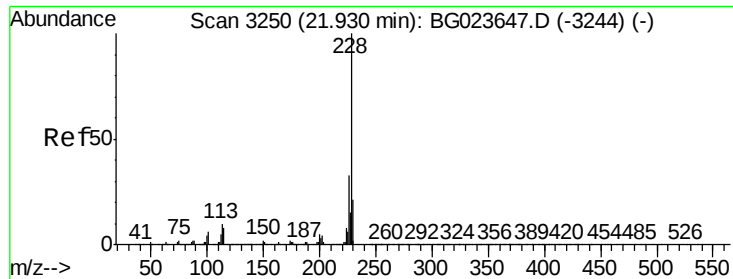
Delta R.T. -0.01 min

Lab File: BG023652.D

Acq: 12 Aug 2016 12:25

Tgt Ion:	149	Resp:	47085
Ion Ratio		Lower	Upper
149	100		
167	25.3	21.9	32.9
279	7.8	2.9	4.3#





#82

Chrysene

Concen: 2.20 ng/ul

RT: 21.93 min Scan# 3249

Delta R.T. -0.01 min

Lab File: BG023652.D

Acq: 12 Aug 2016 12:25

Instrument :

BNA_G

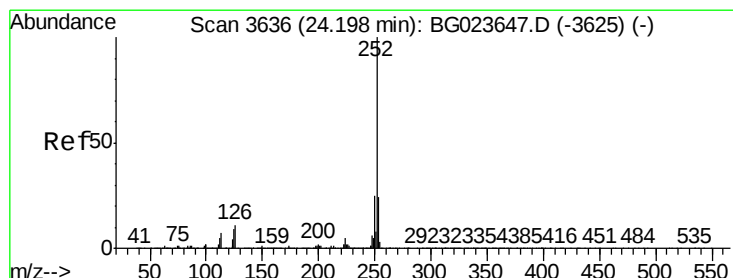
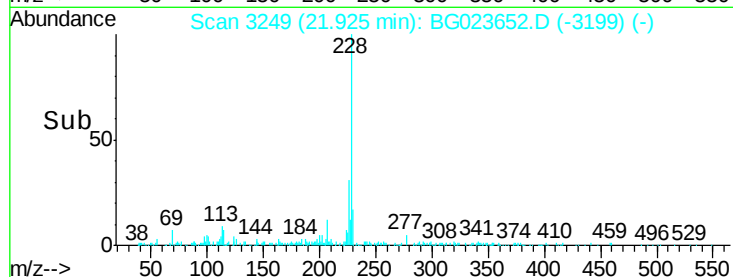
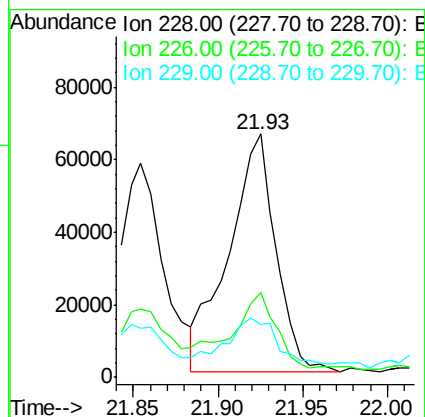
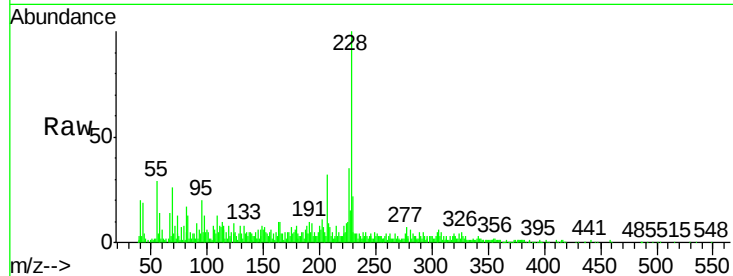
ClientSampleId :

PR001-SS003-0206-02

Tgt Ion:	228	Resp:	127303
Ion Ratio		Lower	Upper
228	100		
226	34.6	24.2	36.4
229	21.8	15.0	22.6

Manual Integrations
APPROVED

sohil
8/15/2016 6:48:34 PM



#85

Benzo(b)fluoranthene

Concen: 2.48 ng/ul

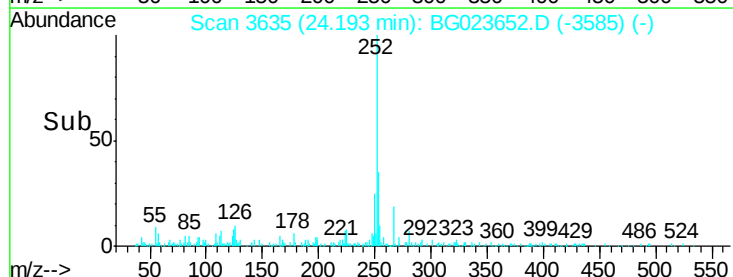
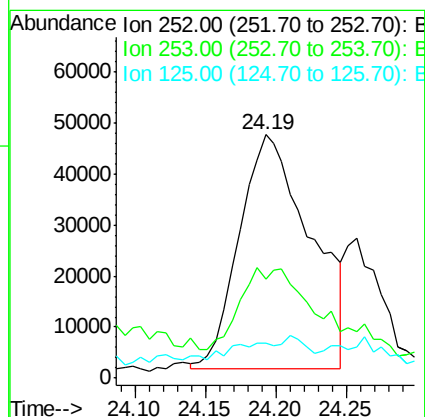
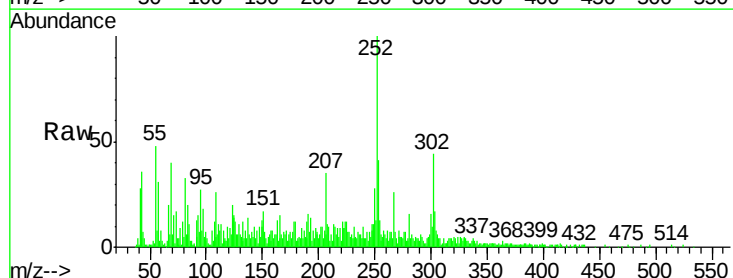
RT: 24.19 min Scan# 3635

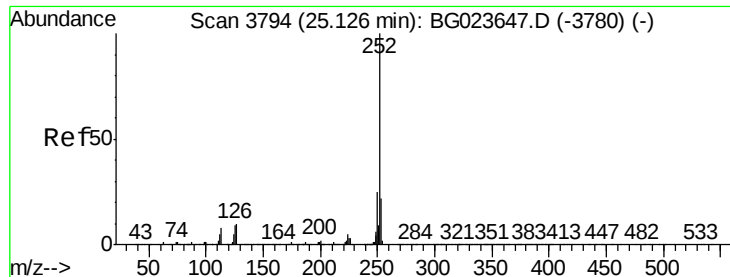
Delta R.T. -0.01 min

Lab File: BG023652.D

Acq: 12 Aug 2016 12:25

Tgt Ion:	252	Resp:	161218
Ion Ratio		Lower	Upper
252	100		
253	40.8	18.2	27.2#
125	14.5	10.8	16.2





#88

Benzo(a)pyrene

Concen: 1.79 ng/ul

RT: 25.12 min Scan# 3793

Delta R.T. -0.01 min

Lab File: BG023652.D

Acq: 12 Aug 2016 12:25

Instrument :

BNA_G

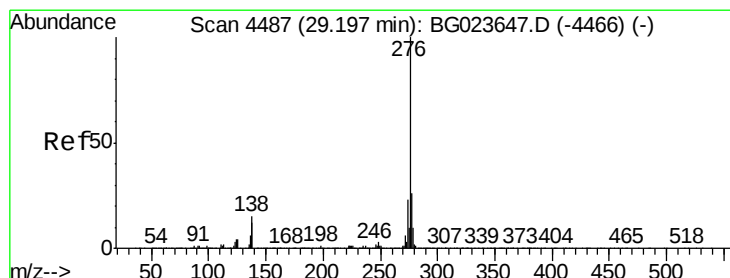
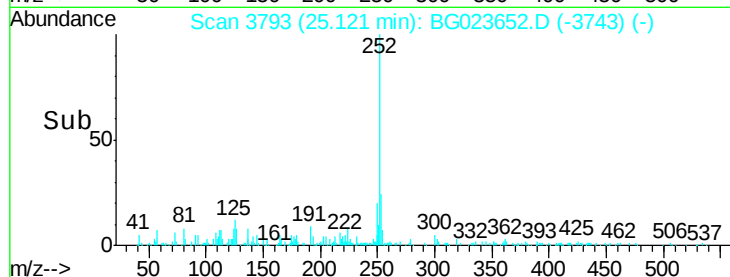
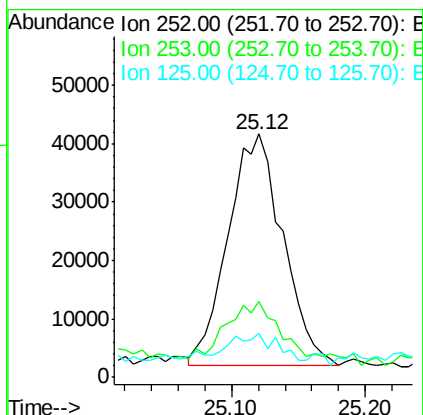
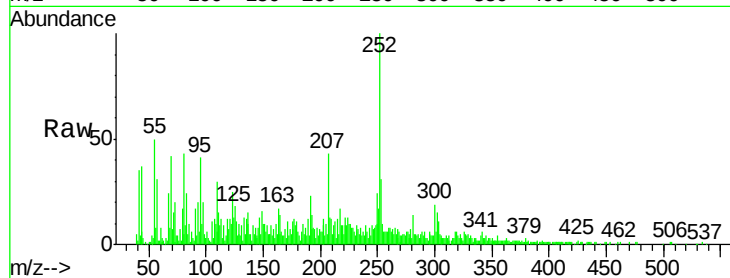
ClientSampleId :

PR001-SS003-0206-02

Tgt Ion:	252	Resp:	112297
Ion Ratio		Lower	Upper
252	100		
253	31.1	19.0	28.4#
125	17.9	12.0	18.0

Manual Integrations
APPROVED

sohil
8/15/2016 6:48:34 PM



#89

Indeno(1,2,3-cd)pyrene

Concen: 1.23 ng/ul m

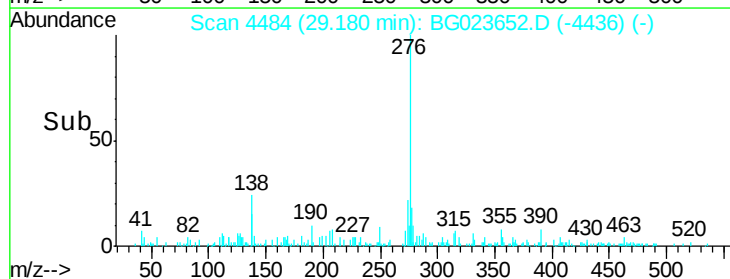
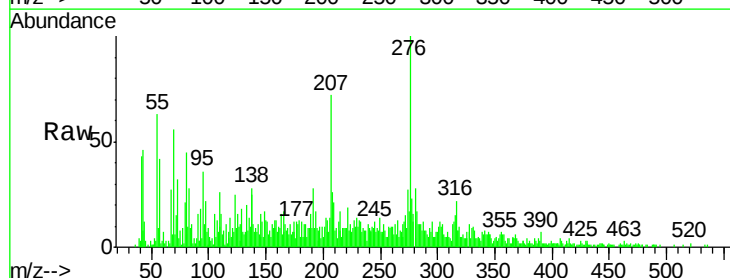
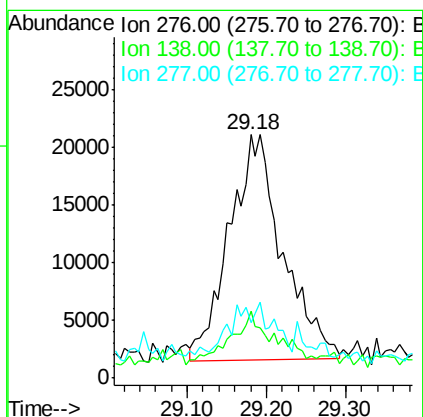
RT: 29.18 min Scan# 4484

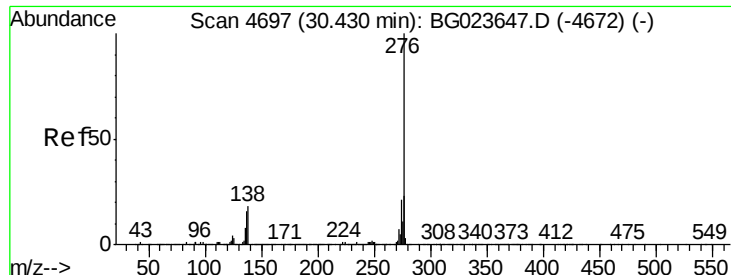
Delta R.T. -0.02 min

Lab File: BG023652.D

Acq: 12 Aug 2016 12:25

Tgt Ion:	276	Resp:	91074
Ion Ratio		Lower	Upper
276	100		
138	27.8	20.8	31.2
277	23.0	17.6	26.4





#91

Benzo(g,h,i)perylene

Concen: 1.61 ng/ul m

RT: 30.40 min Scan# 4692

Delta R.T. -0.03 min

Lab File: BG023652.D

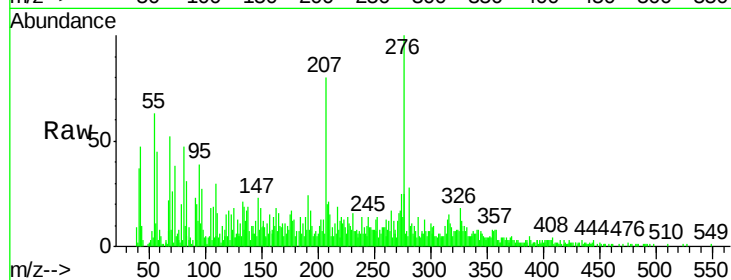
Acq: 12 Aug 2016 12:25

Instrument :

BNA_G

ClientSampleId :

PR001-SS003-0206-02



Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.2	22.1	33.1#
277	24.5	17.0	25.4

Manual Integrations
APPROVED

sohil
8/15/2016 6:48:34 PM

