

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081816\
 Data File : BG023788.D
 Acq On : 19 Aug 2016 10:15
 Operator : UM/SJ
 Sample : H4360-19ME
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS004-0002-01ME

Manual Integrations
 APPROVED

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Quant Time: Aug 19 15:57:23 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 19 04:06:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	90686	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	389488	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	263385	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	594995m	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	653873m	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	605684	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	4857	2.43	ng/uL	0.00
5) Phenol-d5	7.26	99	108637	12.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	83961	14.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	81167	13.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	83880	12.62	ng/ul	0.00
19) Nitrobenzene-d5	9.28	128	43446	13.81	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	55231	15.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	91479	14.10	ng/ul	0.01
29) 4-Chloroaniline-d4	11.07	131	82154	10.35	ng/ul	0.00
43) Dimethylphthalate-d6	14.16	166	346274	15.86	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	380277	15.38	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	33522	9.50	ng/ul	0.02
57) Fluorene-d10	15.77	176	285835	14.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	39425m	10.45	ng/ul	0.00
70) Anthracene-d10	17.63	188	432980m	15.78	ng/ul	0.00
76) Pyrene-d10	19.92	212	472810m	15.07	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	452113	16.30	ng/ul	0.01

Target Compounds

						Ovalue
44) Dimethylphthalate	14.21	163	193746	8.87	ng/ul#	99
69) Phenanthrene	17.57	178	181109	5.75	ng/ul	98
73) Di-n-butylphthalate	18.48	149	51864m	1.45	ng/ul	
74) Fluoranthene	19.59	202	451383m	13.45	ng/ul	
77) Pyrene	19.95	202	405820m	10.50	ng/ul	
80) Benzo(a)anthracene	21.82	228	161409m	4.27	ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.71	149	3391800m	144.25	ng/ul	
82) Chrysene	21.89	228	262835	7.73	ng/ul	94
84) Di-n-octyl phthalate	22.96	149	74237	2.13	ng/ul	100
85) Benzo(b)fluoranthene	24.16	252	316600	8.99	ng/ul#	95
86) Benzo(k)fluoranthene	24.22	252	113761m	3.34	ng/ul	
88) Benzo(a)pyrene	25.07	252	158686m	4.70	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.11	276	143916m	3.62	ng/ul	
90) Dibenzo(a,h)anthracene	29.13	278	41998m	1.23	ng/ul	
91) Benzo(g,h,i)perylene	30.32	276	113205m	3.45	ng/ul	

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

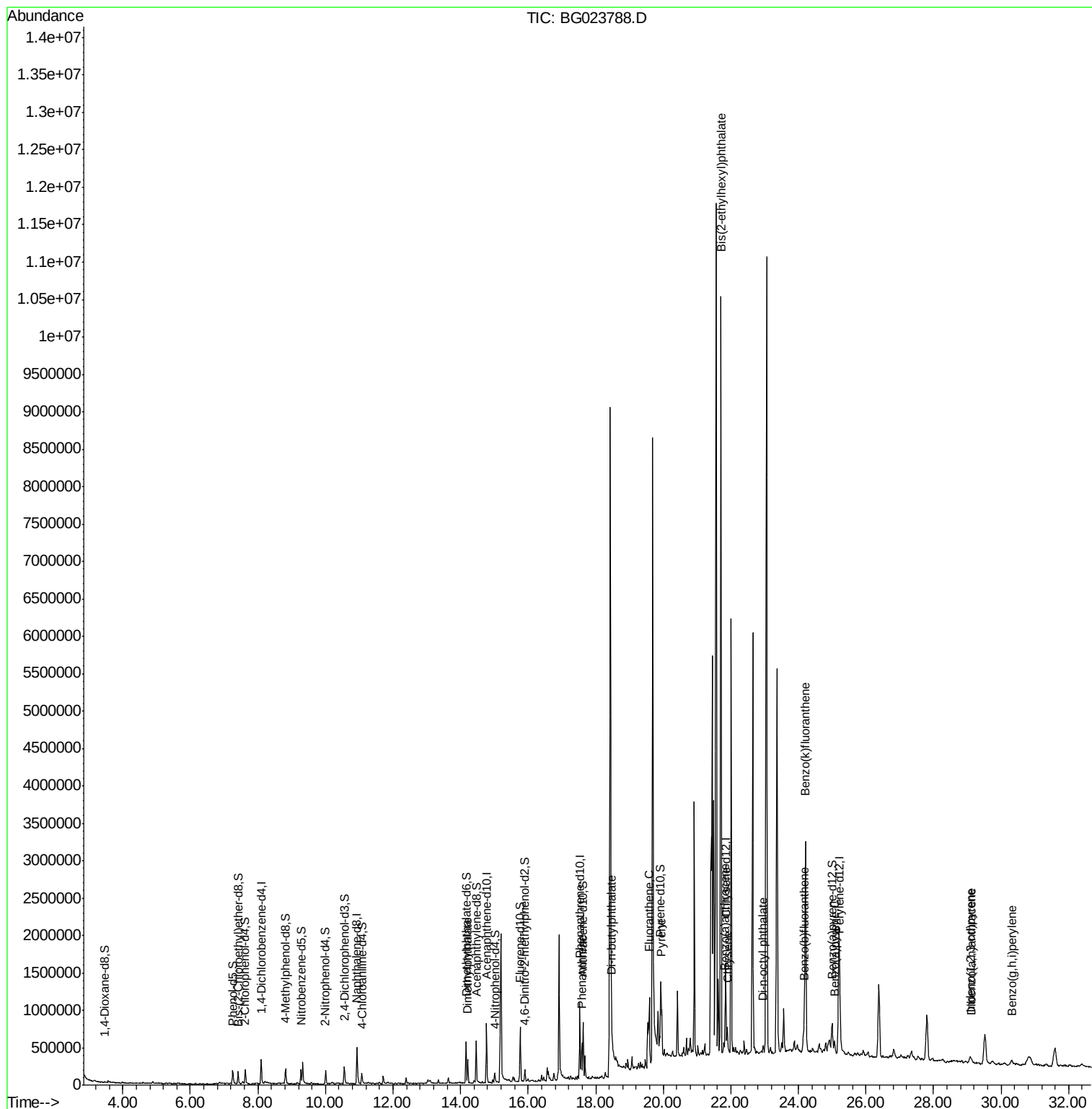
Data Path : Z:\HPCHEM1\BNA G\DATA\BG081816\
Data File : BG023788.D
Acq On : 19 Aug 2016 10:15
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Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

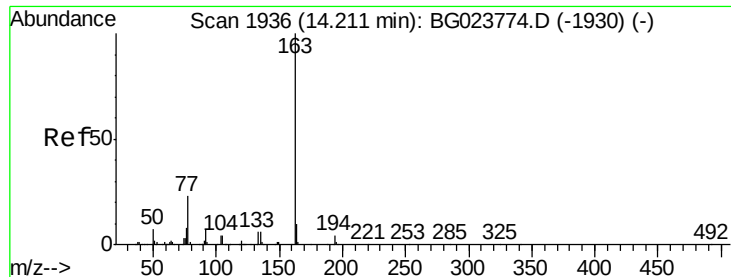
Instrument :
BNA_G
ClientSampleId :
PR001-SS004-0002-01ME

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Quant Time: Aug 19 15:57:23 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 19 04:06:00 2016
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 8.87 ng/ul

RT: 14.21 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BG023788.D

Acq: 19 Aug 2016 10:15

Instrument :

BNA_G

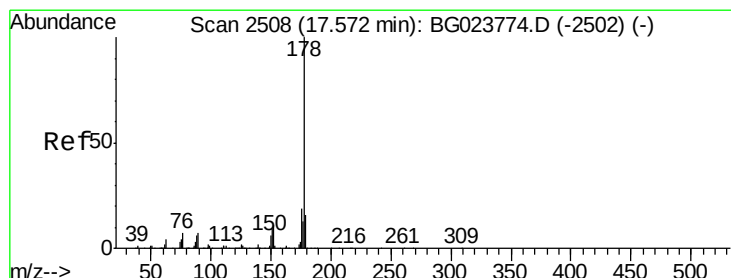
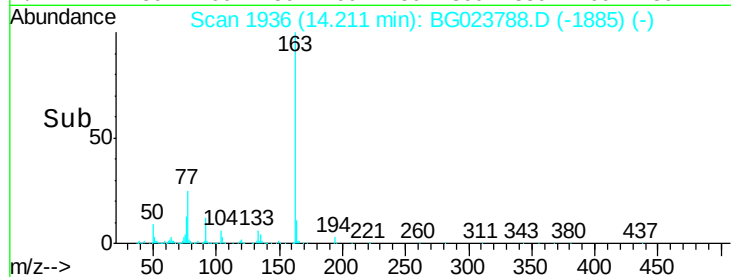
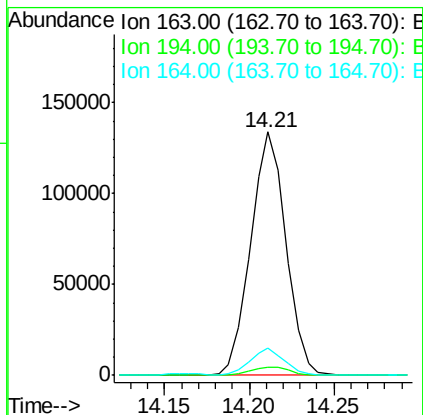
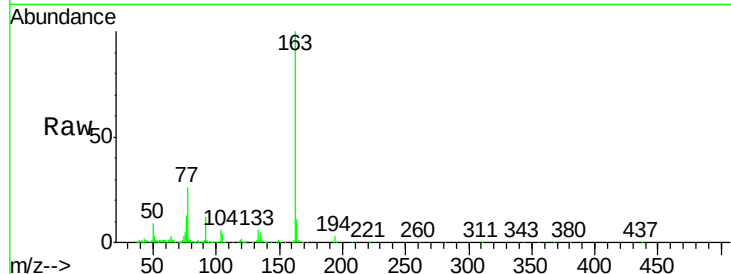
ClientSampleId :

PR001-SS004-0002-01ME

Tot Ion:	163	Resp:	193746
Ion Ratio	Lower	Upper	
163	100		
194	3.4	3.4	5.2#
164	11.2	8.8	13.2

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#69

Phenanthrene

Concen: 5.75 ng/ul

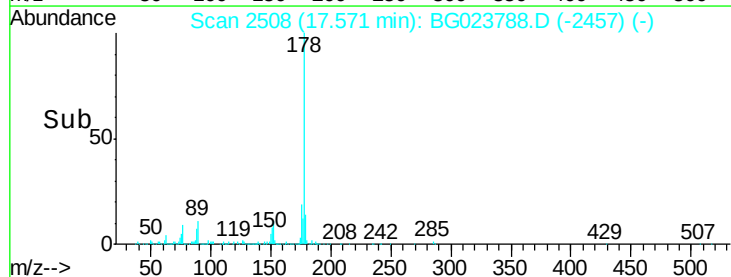
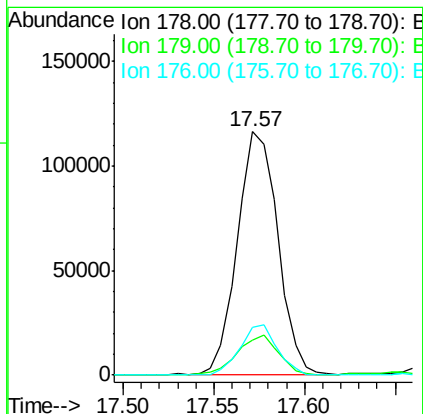
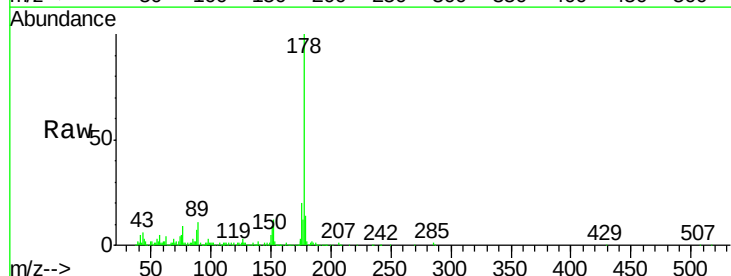
RT: 17.57 min Scan# 2508

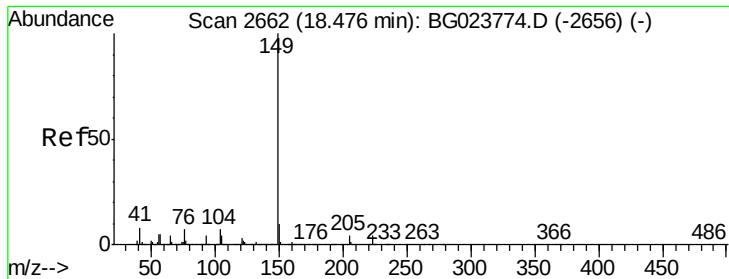
Delta R.T. -0.00 min

Lab File: BG023788.D

Acq: 19 Aug 2016 10:15

Tgt Ion:	178	Resp:	181109
Ion Ratio	Lower	Upper	
178	100		
179	14.2	12.9	19.3
176	19.6	15.8	23.8





#73

Di-n-butylphthalate

Concen: 1.45 ng/ul m

RT: 18.48 min Scan# 2662

Delta R.T. -0.00 min

Lab File: BG023788.D

Acq: 19 Aug 2016 10:15

Instrument :

BNA_G

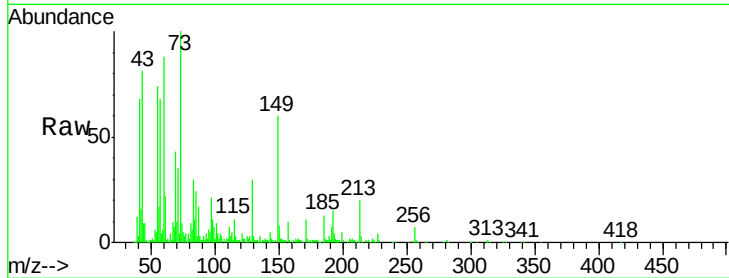
ClientSampleId :

PR001-SS004-0002-01ME

Tot Ion	Ratio	Lower	Upper
149	100		
150	13.0	7.1	10.7#
104	6.5	3.3	4.9#

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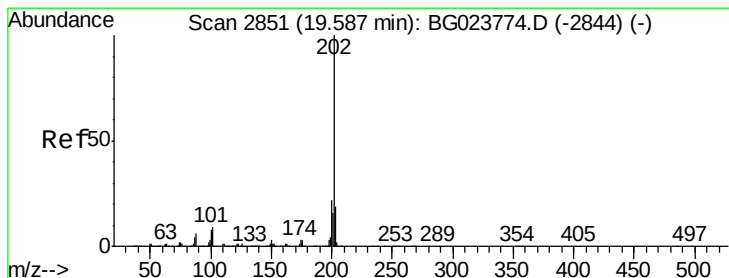
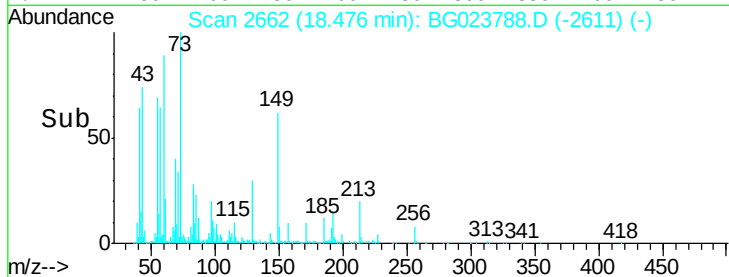
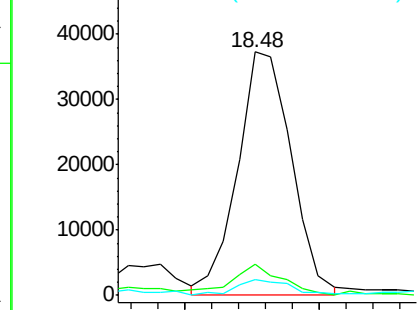
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 13.45 ng/ul m

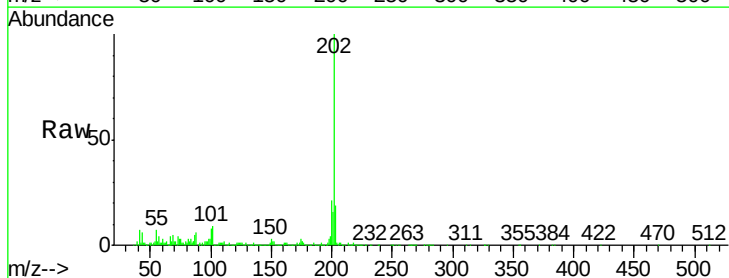
RT: 19.59 min Scan# 2851

Delta R.T. -0.00 min

Lab File: BG023788.D

Acq: 19 Aug 2016 10:15

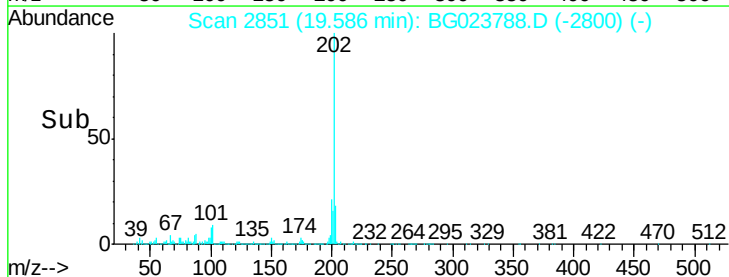
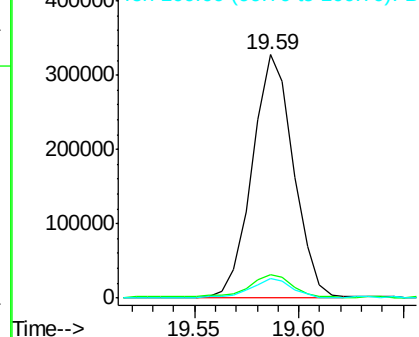
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.5	10.6	16.0#
100	8.2	8.7	13.1#

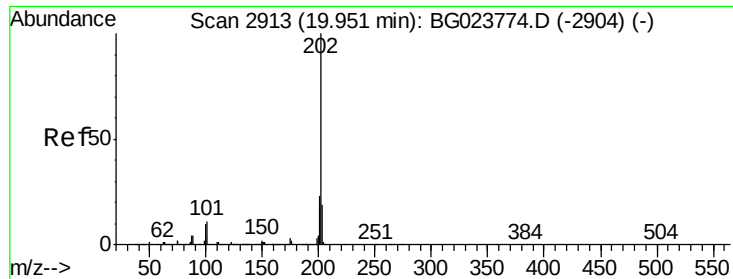


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 10.50 ng/ul m

RT: 19.95 min Scan# 2913

Delta R.T. -0.00 min

Lab File: BG023788.D

Acq: 19 Aug 2016 10:15

Instrument :

BNA_G

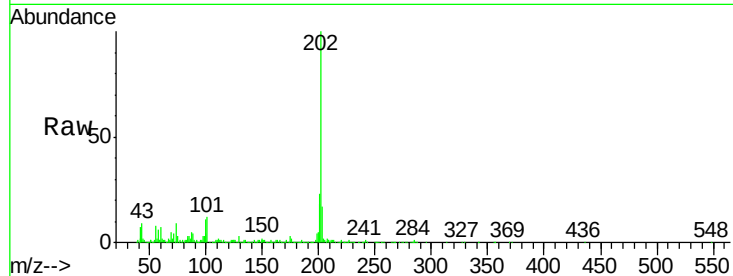
ClientSampleId :

PR001-SS004-0002-01ME

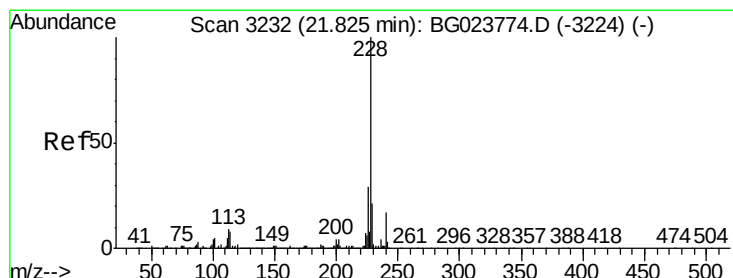
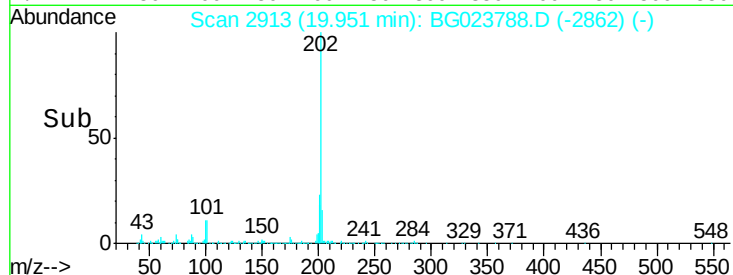
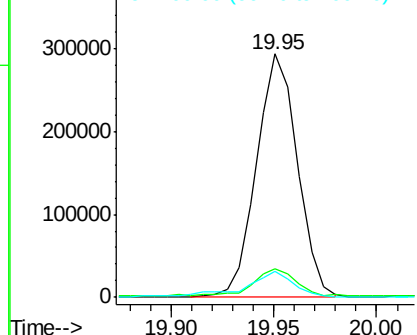
Tot Ion:	202	Resp:	405820
Ion Ratio	Lower	Upper	
202	100		
101	11.9	12.5	18.7#
100	10.7	10.2	15.4

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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): E



#80

Benzo(a)anthracene

Concen: 4.27 ng/ul m

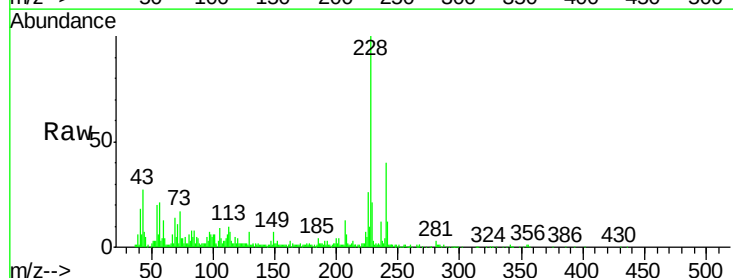
RT: 21.82 min Scan# 3232

Delta R.T. -0.00 min

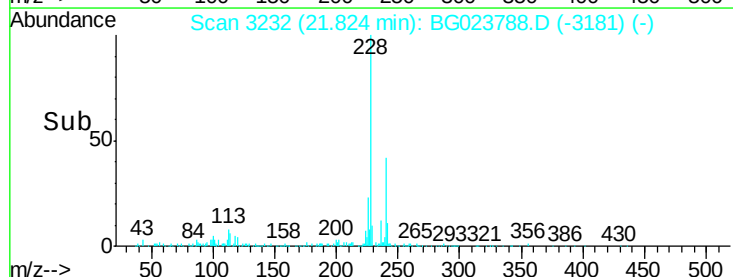
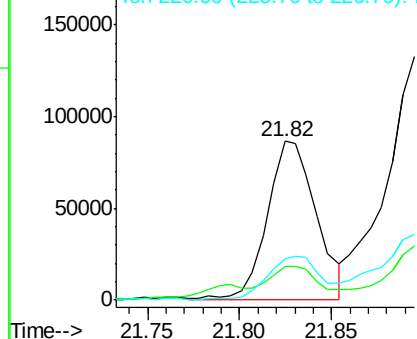
Lab File: BG023788.D

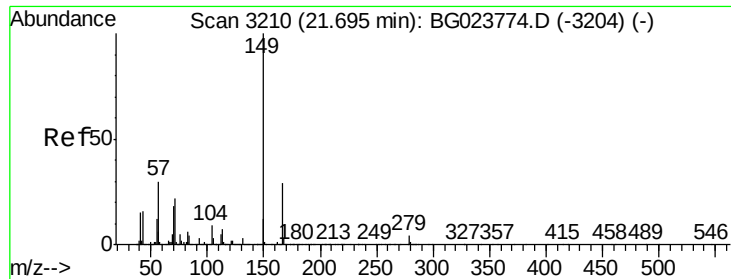
Acq: 19 Aug 2016 10:15

Tgt Ion:	228	Resp:	161409
Ion Ratio	Lower	Upper	
228	100		
229	21.1	15.4	23.2
226	26.4	22.8	34.2



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





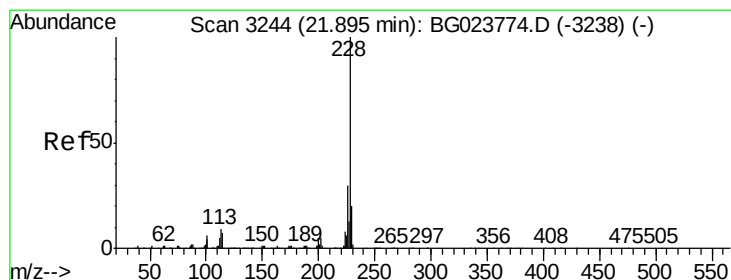
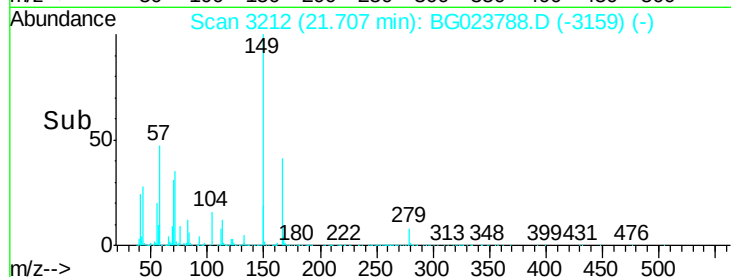
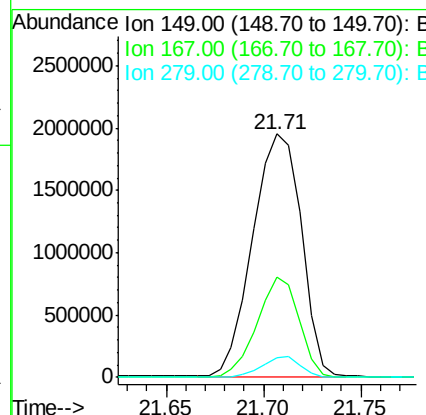
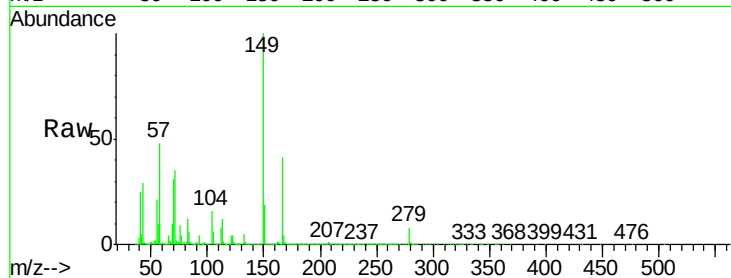
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 144.25 ng/ul m
 RT: 21.71 min Scan# 3212
 Delta R.T. 0.01 min
 Lab File: BG023788.D
 Acq: 19 Aug 2016 10:15

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS004-0002-01ME

Tot Ion	Ratio	Lower	Upper
149	100		
167	41.0	21.9	32.9#
279	8.0	2.9	4.3#

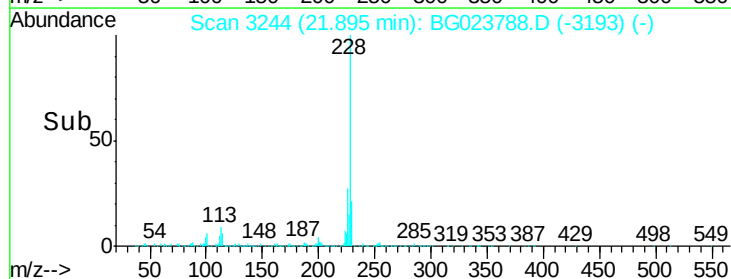
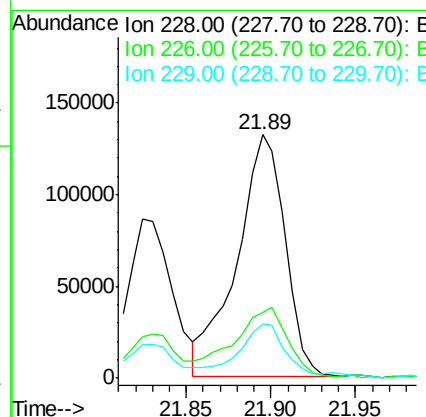
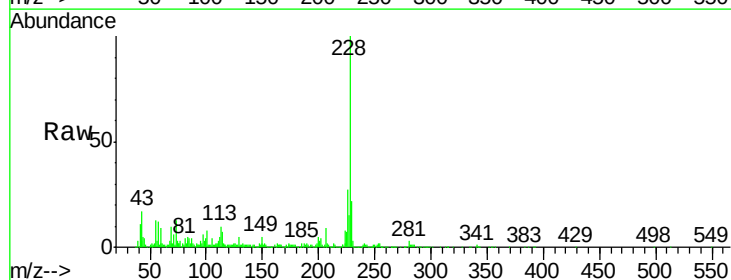
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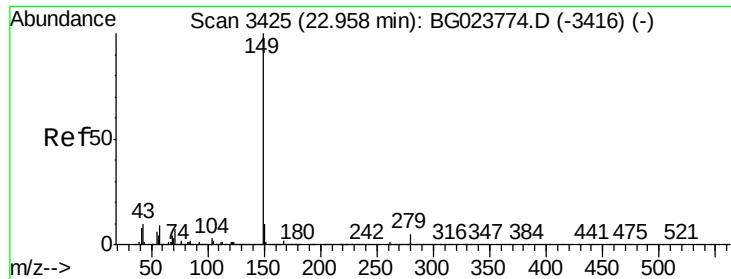
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#82
 Chrysene
 Concen: 7.73 ng/ul
 RT: 21.89 min Scan# 3244
 Delta R.T. -0.00 min
 Lab File: BG023788.D
 Acq: 19 Aug 2016 10:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	24.2	36.4
229	22.2	15.0	22.6





#84

Di-n-octyl phthalate

Concen: 2.13 ng/ul

RT: 22.96 min Scan# 3426

Delta R.T. 0.01 min

Lab File: BG023788.D

Acq: 19 Aug 2016 10:15

Instrument :

BNA_G

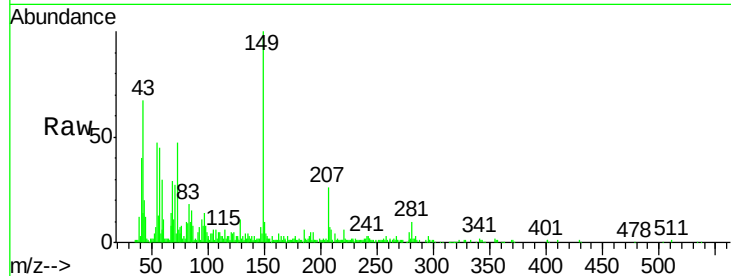
ClientSampleId :

PR001-SS004-0002-01ME

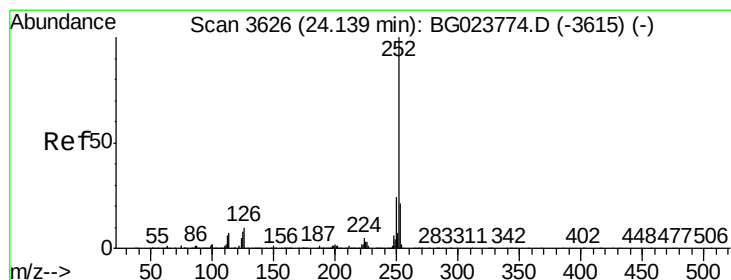
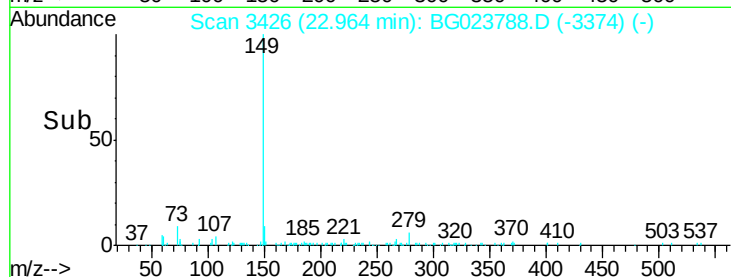
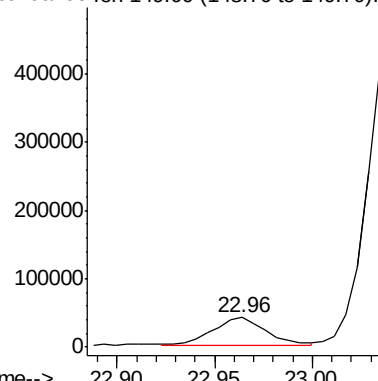
Tgt Ion:149 Resp: 74237

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Abundance Ion 149.00 (148.70 to 149.70): E



#85

Benzo(b)fluoranthene

Concen: 8.99 ng/ul

RT: 24.16 min Scan# 3630

Delta R.T. 0.02 min

Lab File: BG023788.D

Acq: 19 Aug 2016 10:15

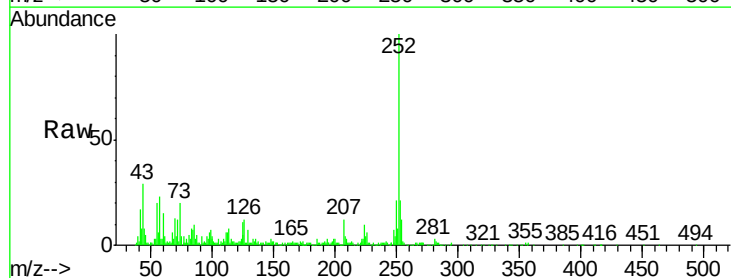
Tgt Ion:252 Resp: 316600

Ion Ratio Lower Upper

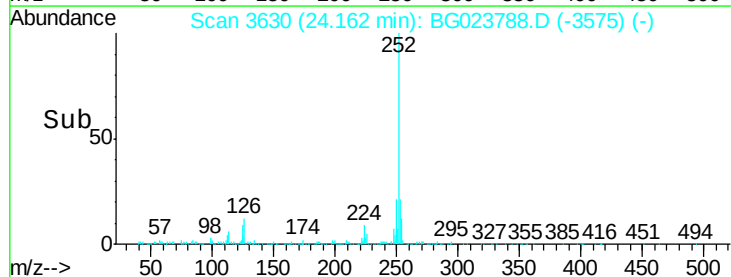
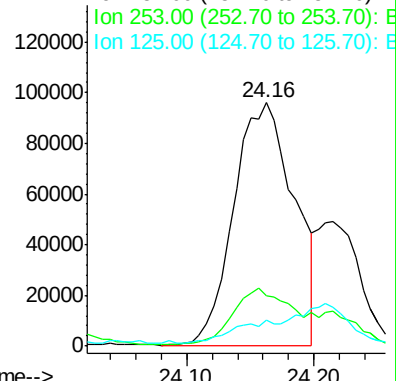
252 100

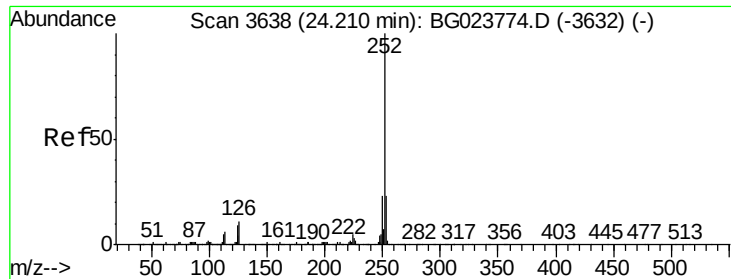
253 20.8 18.2 27.2

125 10.6 10.8 16.2#



Abundance Ion 252.00 (251.70 to 252.70): E





#86

Benzo(k)fluoranthene

Concen: 3.34 ng/ul m

RT: 24.22 min Scan# 3639

Delta R.T. 0.01 min

Lab File: BG023788.D

Acq: 19 Aug 2016 10:15

Instrument :

BNA_G

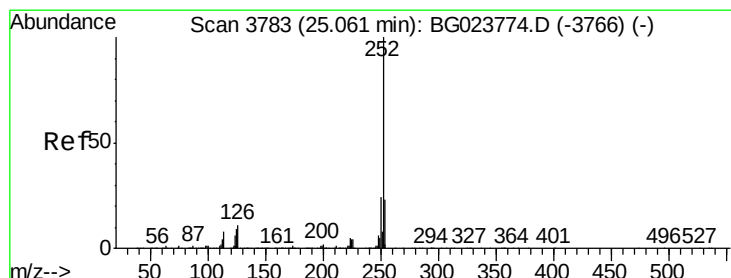
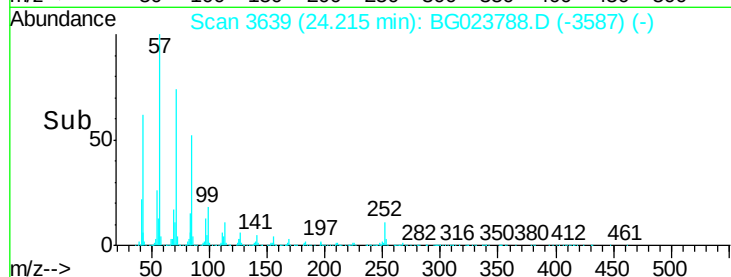
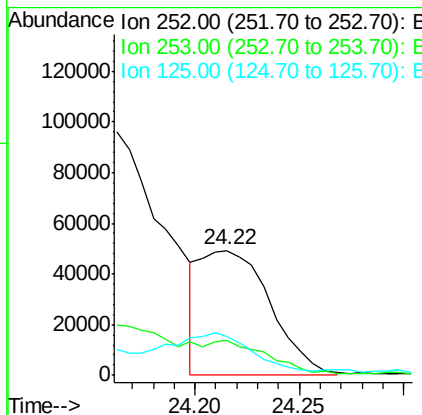
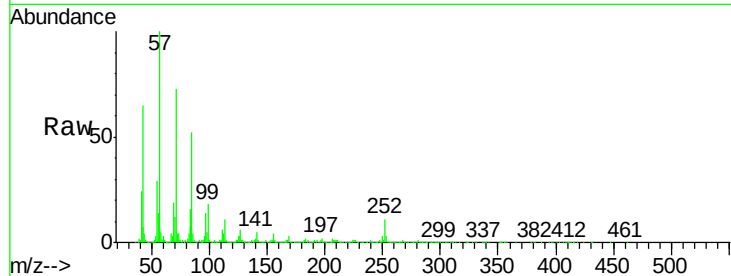
ClientSampleId :

PR001-SS004-0002-01ME

Tot Ion:	252	Resp:	113761
Ion Ratio	Lower	Upper	
252	100		
253	28.2	15.8	23.6#
125	30.8	10.6	16.0#

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#88

Benzo(a)pyrene

Concen: 4.70 ng/ul m

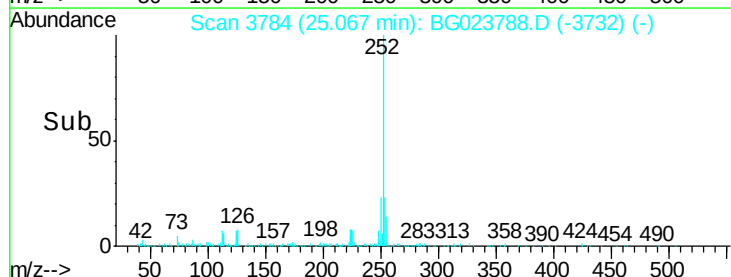
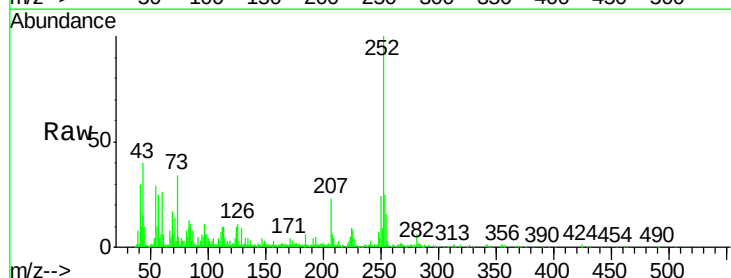
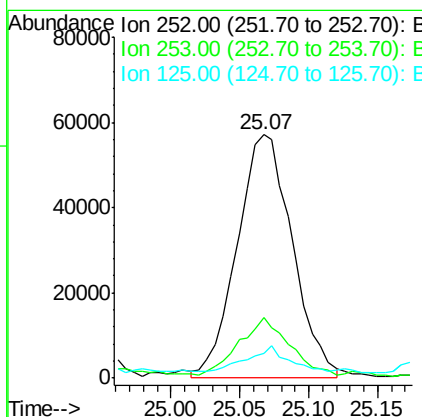
RT: 25.07 min Scan# 3784

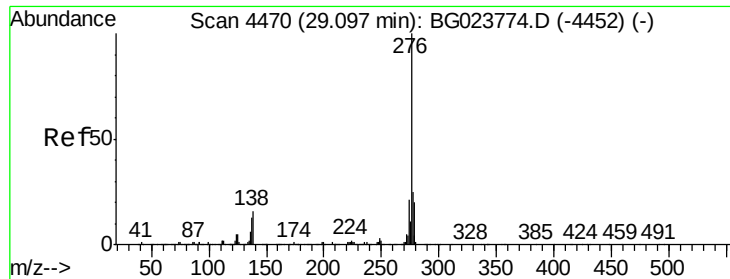
Delta R.T. 0.01 min

Lab File: BG023788.D

Acq: 19 Aug 2016 10:15

Tgt Ion:	252	Resp:	158686
Ion Ratio	Lower	Upper	
252	100		
253	25.1	19.0	28.4
125	10.0	12.0	18.0#





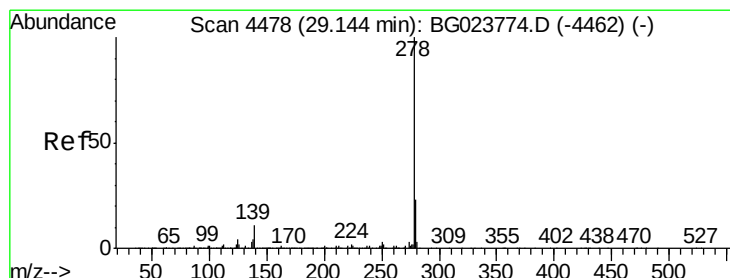
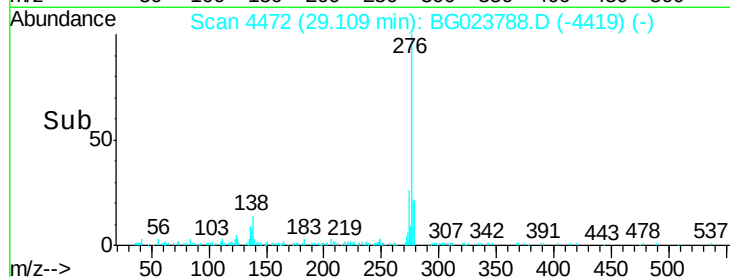
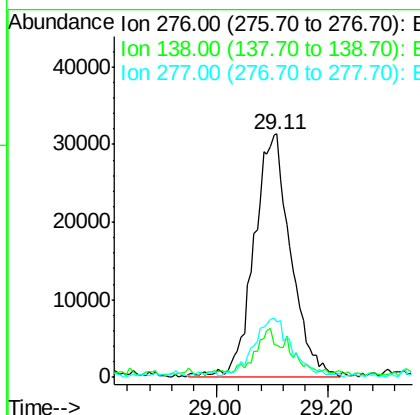
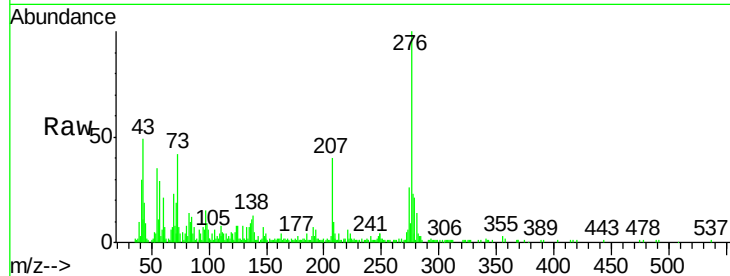
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 3.62 ng/ul m
 RT: 29.11 min Scan# 4472
 Delta R.T. 0.01 min
 Lab File: BG023788.D
 Acq: 19 Aug 2016 10:15

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS004-0002-01ME

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.5	20.8	31.2#
277	22.5	17.6	26.4

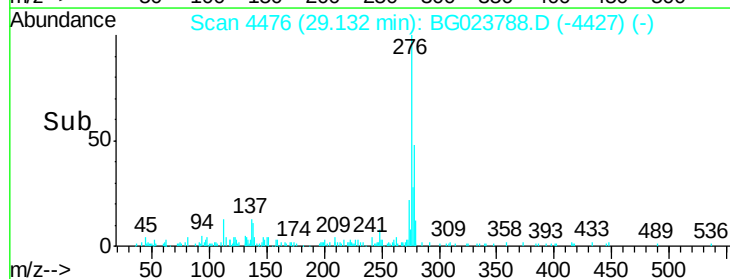
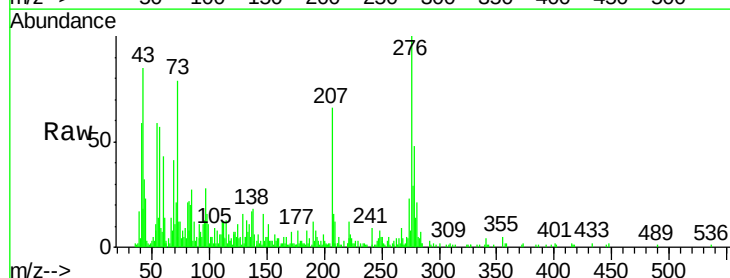
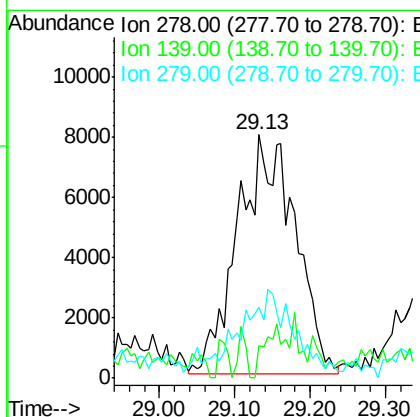
Manual Integrations
 APPROVED

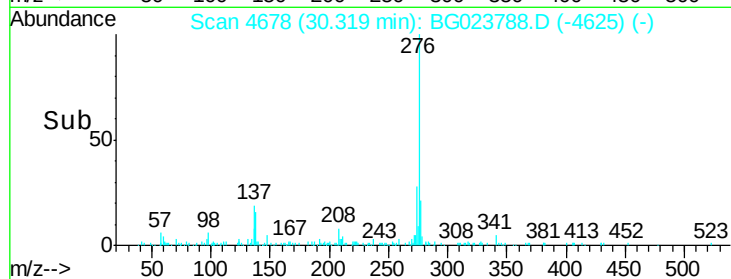
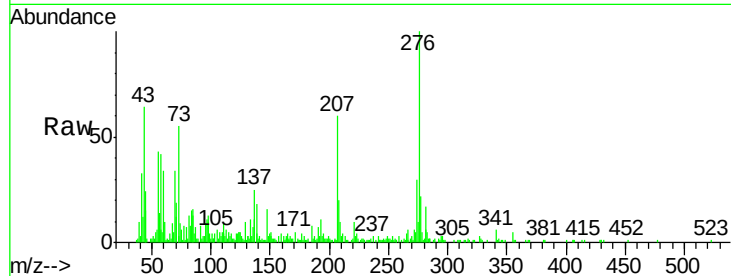
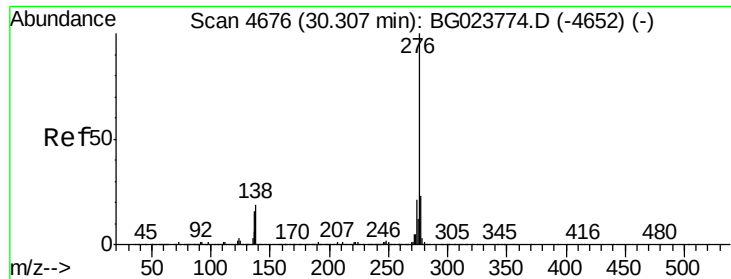
sohil
 8/19/2016 6:38:47 PM



#90
 Dibenzo(a,h)anthracene
 Concen: 1.23 ng/ul m
 RT: 29.13 min Scan# 4476
 Delta R.T. -0.01 min
 Lab File: BG023788.D
 Acq: 19 Aug 2016 10:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.2	16.3	24.5#
279	29.2	19.1	28.7#





#91

Benzo(a,h,i)perylene

Concen: 3.45 ng/ul m

RT: 30.32 min Scan# 4678

Delta R.T. 0.01 min

Lab File: BG023788.D

Acq: 19 Aug 2016 10:15

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.7	22.1	33.1#
277	21.8	17.0	25.4

Instrument :

BNA_G

ClientSampleId :

PR001-SS004-0002-01ME

Manual Integrations
APPROVED

sohil
8/19/2016 6:38:47 PM

