

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081316\
 Data File : BG023708.D
 Acq On : 14 Aug 2016 3:56
 Operator : UM/SJ
 Sample : H4388-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR002-SS002-0206-01

Manual Integrations
 APPROVED

umangi
 8/16/2016 7:00:00 PM

Quant Time: Aug 16 11:21:24 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 13 06:38:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	124789	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	546207	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	331836	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	674079	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	695775	20.00	ng/ul	0.00
83) Perylene-d12	25.28	264	701208	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	7322	2.49	ng/uL	0.00
5) Phenol-d5	7.27	99	210662	16.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	147268	18.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	151009	17.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	158204	16.12	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	84591	19.65	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	95040	19.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	165931	17.79	ng/ul	0.00
29) 4-Chloroaniline-d4	11.08	131	147401	13.47	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	541024	19.91	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	631549	20.65	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	67630	14.58	ng/ul	0.00
57) Fluorene-d10	15.78	176	471160	18.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.91	200	66926	15.48	ng/ul	0.00
70) Anthracene-d10	17.65	188	648400	21.35	ng/ul	0.00
76) Pyrene-d10	19.94	212	700820	19.90	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.05	264	680542	21.44	ng/ul	0.00

Target Compounds

						Ovalue
44) Dimethylphthalate	14.22	163	275019	10.22	ng/ul	98
47) Acenaphthylene	14.51	152	68391	2.14	ng/ul#	89
58) Fluorene	15.84	166	39134	1.45	ng/ul#	95
69) Phenanthrene	17.59	178	774481	22.19	ng/ul	97
71) Anthracene	17.68	178	68356	1.92	ng/ul	97
72) Carbazole	17.96	167	33124	1.15	ng/ul	98
74) Fluoranthene	19.61	202	1028666	28.78	ng/ul#	92
77) Pyrene	19.97	202	1188139	27.62	ng/ul#	91
80) Benzo(a)anthracene	21.85	228	527899m	13.47	ng/ul	
82) Chrysene	21.92	228	652246	18.31	ng/ul	97
85) Benzo(b)fluoranthene	24.20	252	620469	15.56	ng/ul#	95
86) Benzo(k)fluoranthene	24.25	252	194777m	4.96	ng/ul	
88) Benzo(a)pyrene	25.12	252	456607m	11.86	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.18	276	238691	5.28	ng/ul#	88
90) Dibenzo(a,h)anthracene	29.22	278	74476m	1.93	ng/ul	
91) Benzo(g,h,i)perylene	30.41	276	204603m	5.45	ng/ul	

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

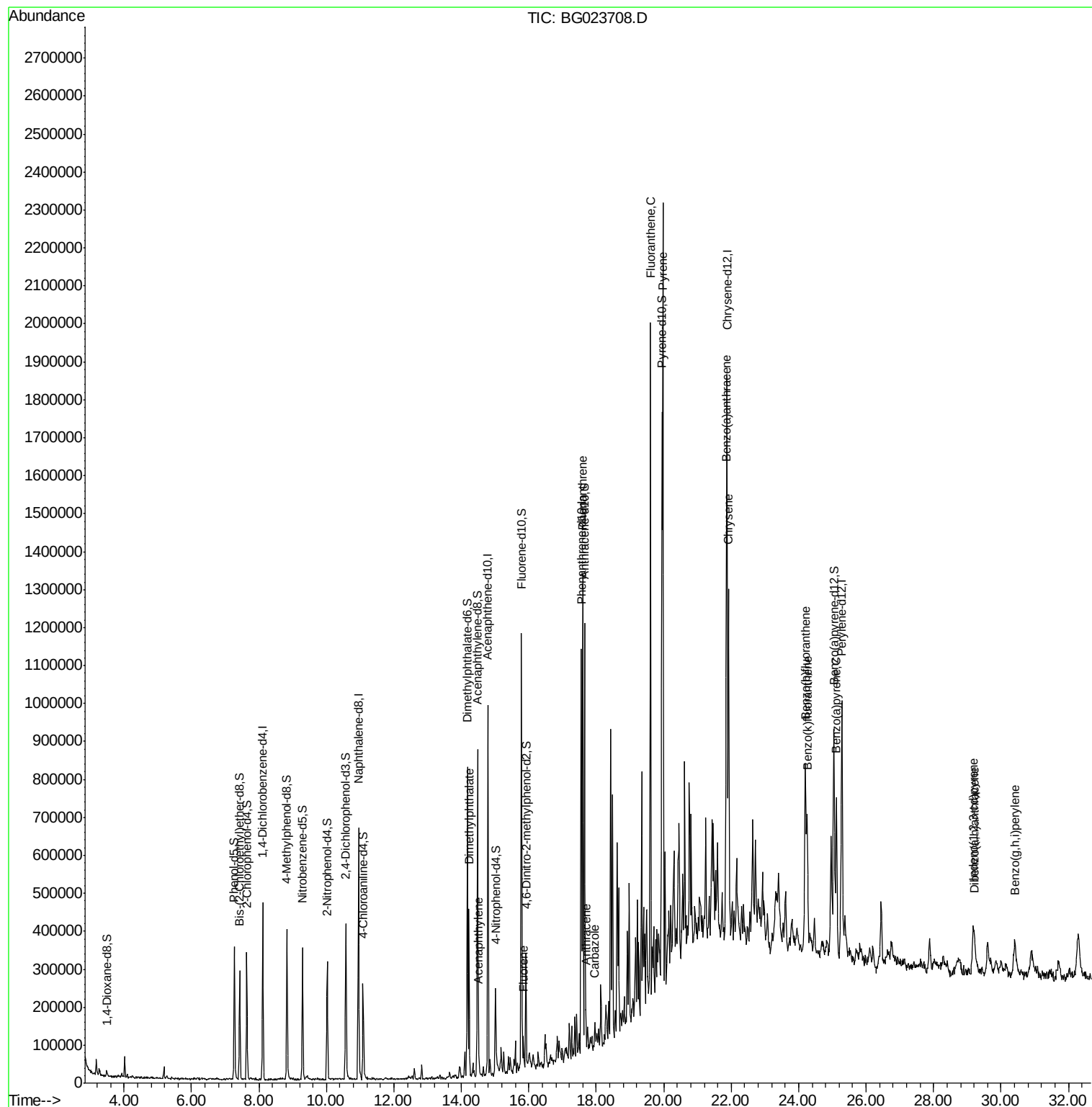
Data Path : Z:\HPCHEM1\BNA G\DATA\BG081316\
Data File : BG023708.D
Acq On : 14 Aug 2016 3:56
Operator : UM/SJ
Sample : H4388-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

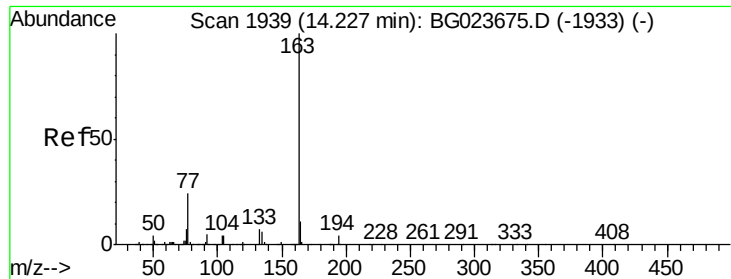
Instrument :
BNA_G
ClientSampleId :
PR002-SS002-0206-01

Manual Integrations
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Quant Time: Aug 16 11:21:24 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 10.22 ng/ul

RT: 14.22 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG023708.D

Acq: 14 Aug 2016 3:56

Instrument :

BNA_G

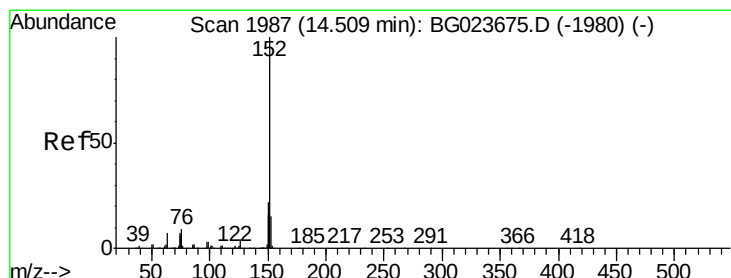
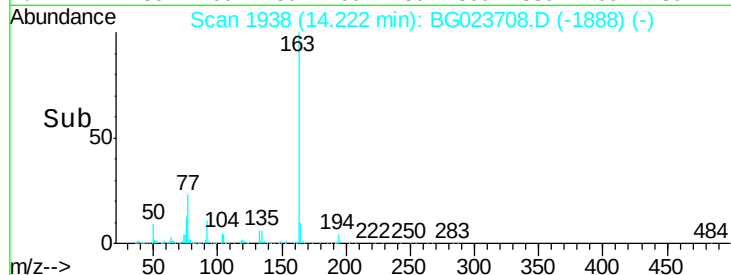
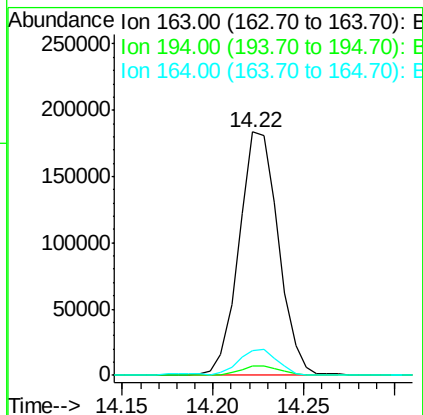
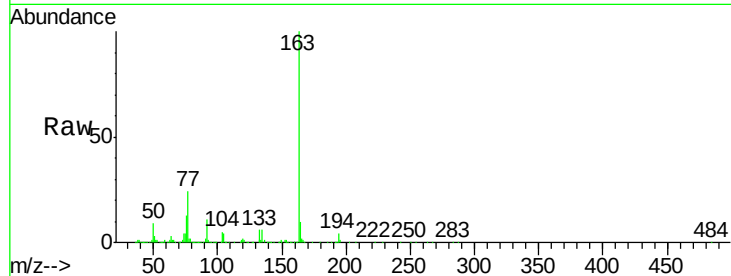
ClientSampleId :

PR002-SS002-0206-01

Tot Ion:	163	Resp:	275019
Ion Ratio		Lower	Upper
163	100		
194	3.8	3.4	5.2
164	10.2	8.8	13.2

Manual Integrations
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#47

Acenaphthylene

Concen: 2.14 ng/ul

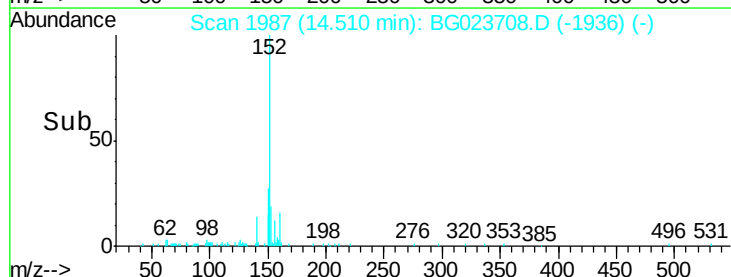
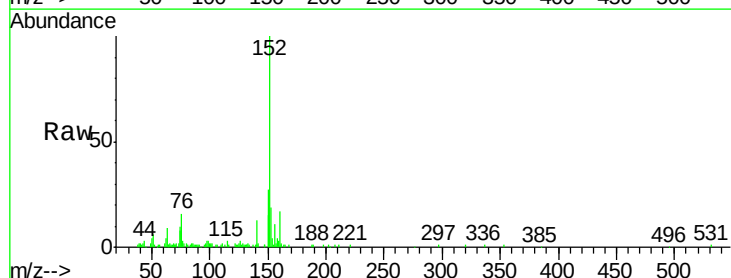
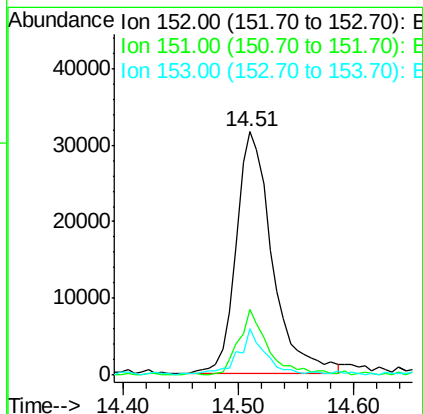
RT: 14.51 min Scan# 1987

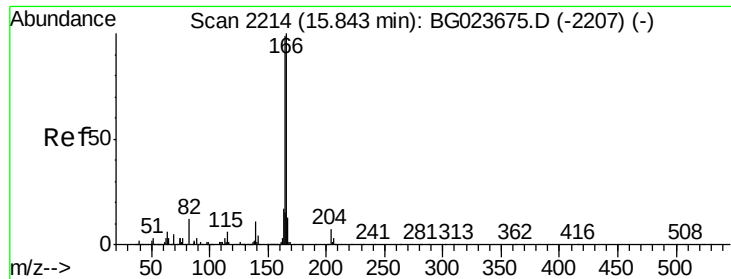
Delta R.T. 0.00 min

Lab File: BG023708.D

Acq: 14 Aug 2016 3:56

Tgt Ion:	152	Resp:	68391
Ion Ratio		Lower	Upper
152	100		
151	27.0	17.5	26.3#
153	19.0	11.1	16.7#





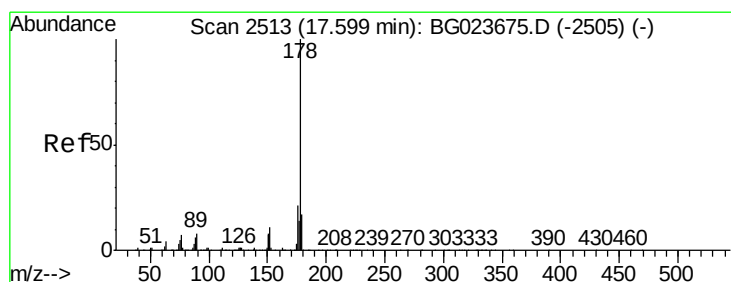
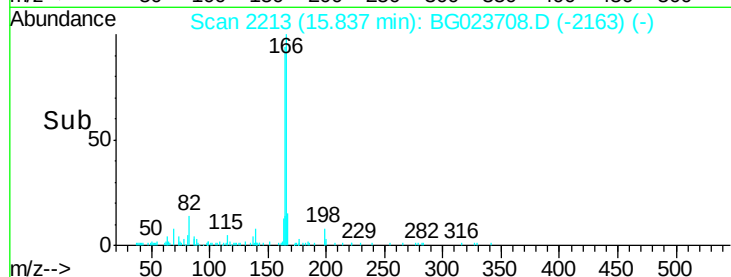
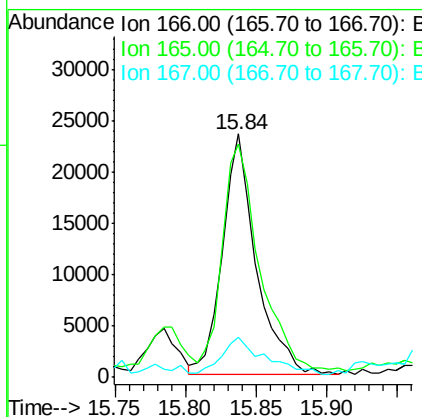
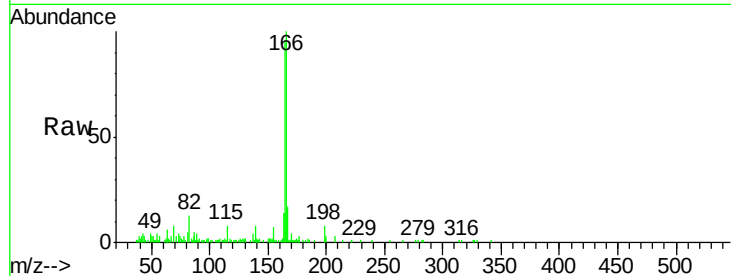
#58
 Fluorene
 Concen: 1.45 ng/ul
 RT: 15.84 min Scan# 2213
 Delta R.T. -0.01 min
 Lab File: BG023708.D
 Acq: 14 Aug 2016 3:56

Instrument :
 BNA_G
 ClientSampleId :
 PR002-SS002-0206-01

Tot Ion	Ratio	Lower	Upper
166	100		
165	95.7	80.3	120.5
167	16.5	10.3	15.5

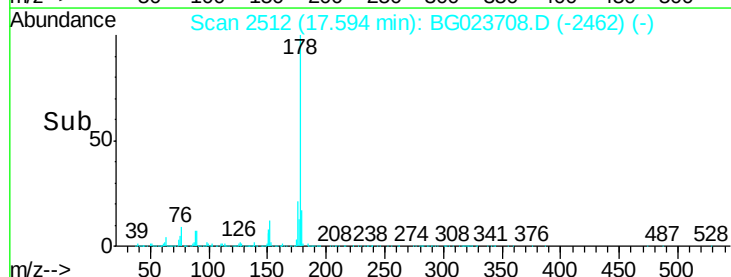
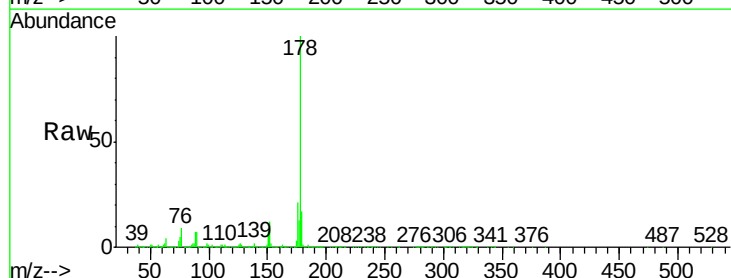
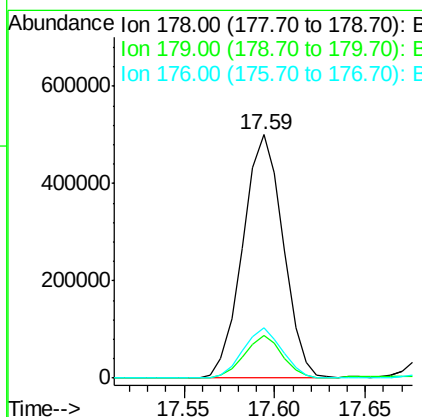
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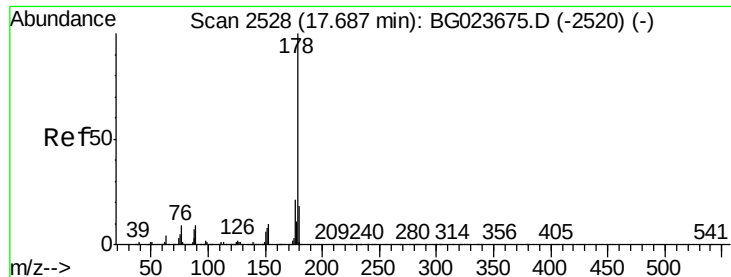
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#69
 Phenanthrene
 Concen: 22.19 ng/ul
 RT: 17.59 min Scan# 2512
 Delta R.T. -0.01 min
 Lab File: BG023708.D
 Acq: 14 Aug 2016 3:56

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.5	12.9	19.3
176	20.7	15.8	23.8





#71

Anthracene

Concen: 1.92 ng/ul

RT: 17.68 min Scan# 2527

Delta R.T. -0.01 min

Lab File: BG023708.D

Acq: 14 Aug 2016 3:56

Instrument :

BNA_G

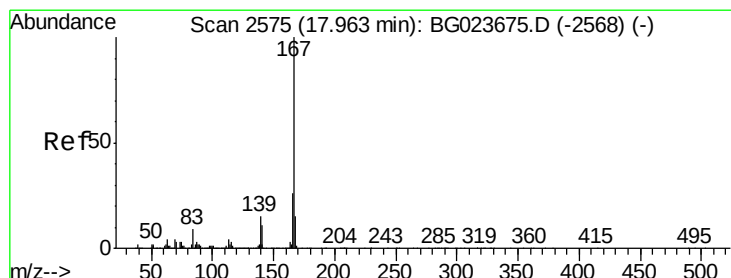
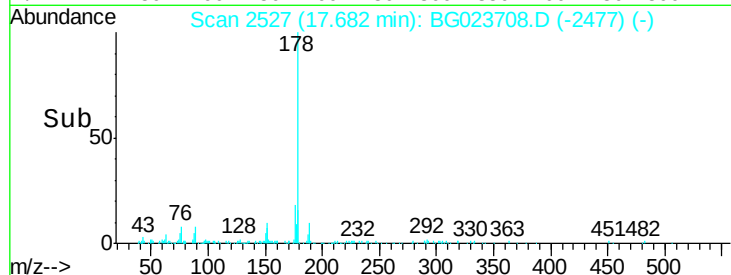
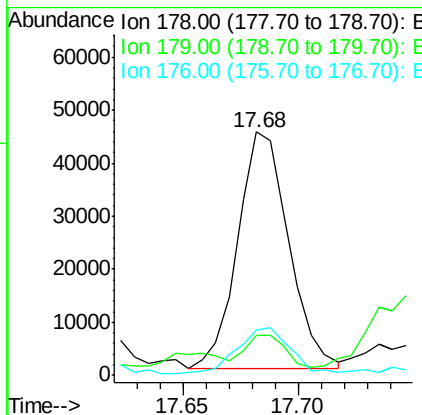
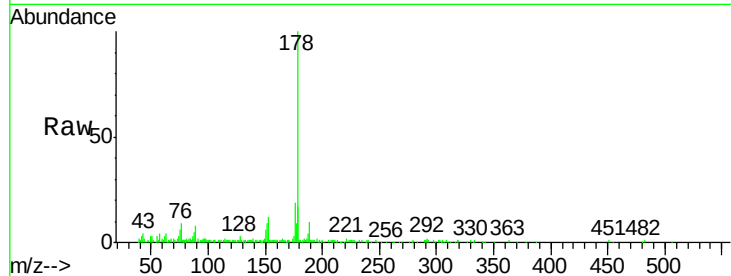
ClientSampleId :

PR002-SS002-0206-01

Tot Ion:	178	Resp:	68356
Ion Ratio	Lower	Upper	
178	100		
179	16.7	12.3	18.5
176	18.7	16.3	24.5

Manual Integrations
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#72

Carbazole

Concen: 1.15 ng/ul

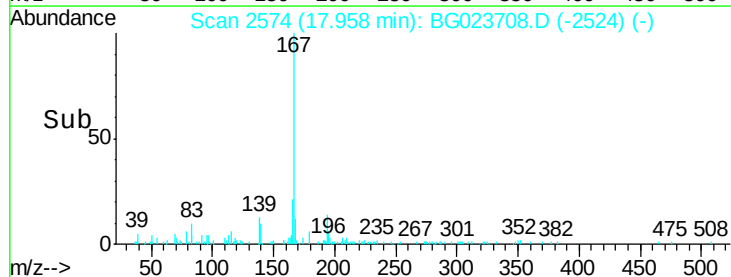
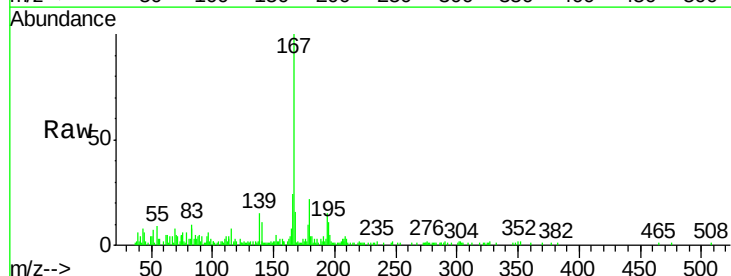
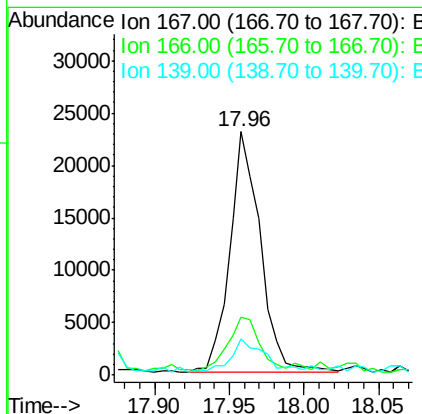
RT: 17.96 min Scan# 2574

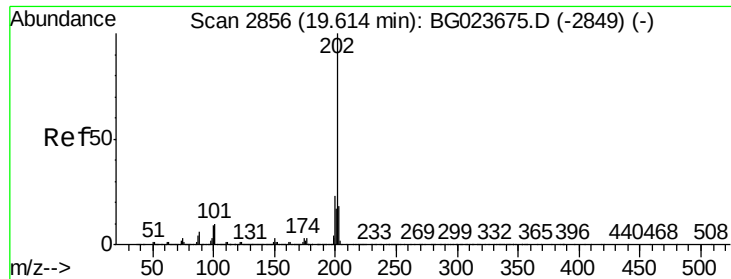
Delta R.T. -0.01 min

Lab File: BG023708.D

Acq: 14 Aug 2016 3:56

Tgt Ion:	167	Resp:	33124
Ion Ratio	Lower	Upper	
167	100		
166	23.7	19.2	28.8
139	15.0	10.2	15.4





#74

Fluoranthene

Concen: 28.78 ng/ul

RT: 19.61 min Scan# 2856

Delta R.T. -0.01 min

Lab File: BG023708.D

Acq: 14 Aug 2016 3:56

Instrument :

BNA_G

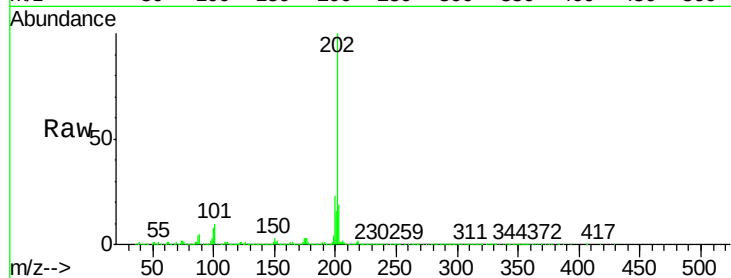
ClientSampleId :

PR002-SS002-0206-01

Tot Ion:	202	Resp:	1028666
Ion Ratio	Lower	Upper	
202	100		
101	10.0	10.6	16.0#
100	8.1	8.7	13.1#

Manual Integrations
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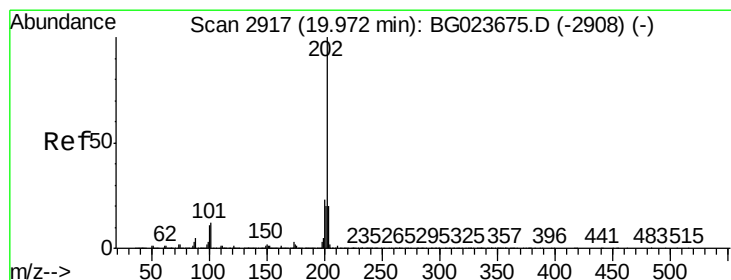
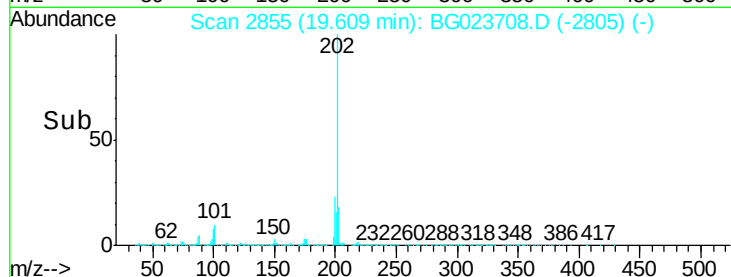
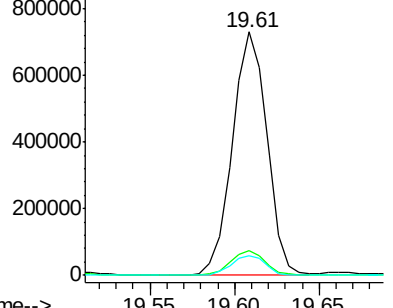
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 27.62 ng/ul

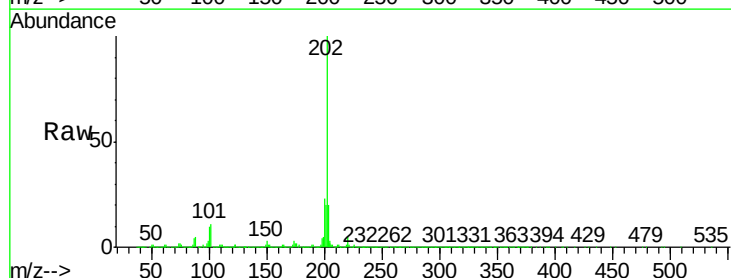
RT: 19.97 min Scan# 2917

Delta R.T. 0.00 min

Lab File: BG023708.D

Acq: 14 Aug 2016 3:56

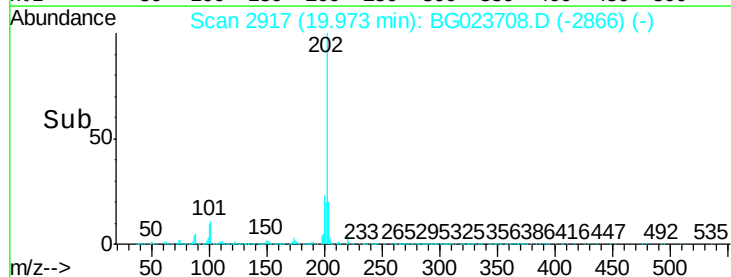
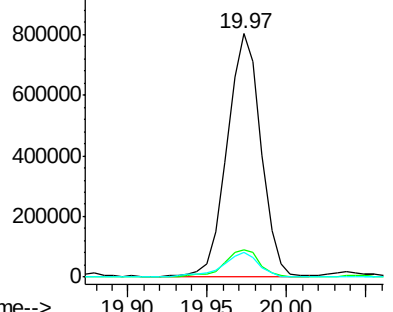
Tgt Ion:	202	Resp:	1188139
Ion Ratio	Lower	Upper	
202	100		
101	11.0	12.5	18.7#
100	10.4	10.2	15.4

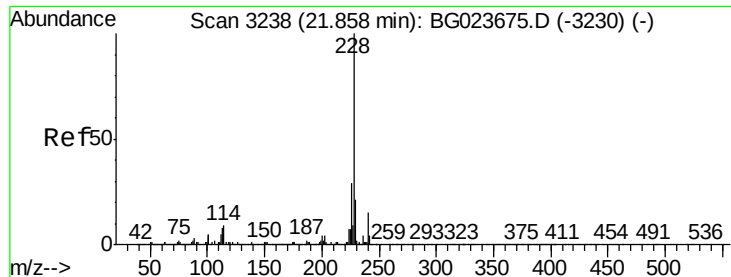


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





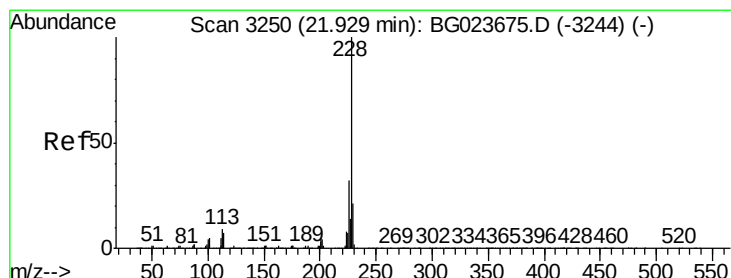
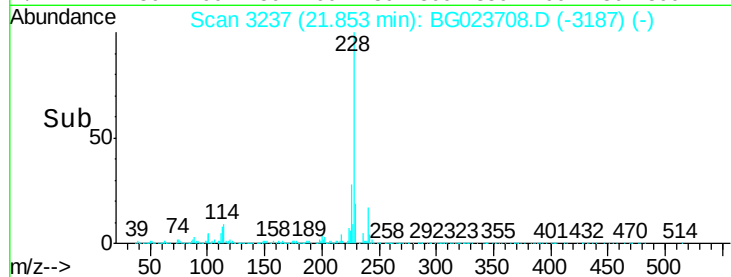
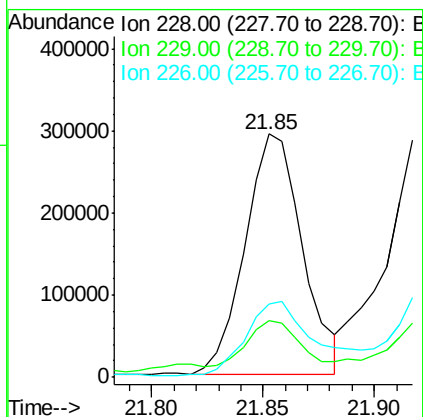
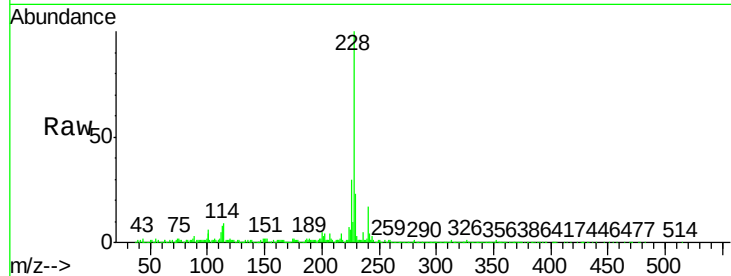
#80
Benzo(a)anthracene
Concen: 13.47 ng/ul m
RT: 21.85 min Scan# 3237
Delta R.T. -0.01 min
Lab File: BG023708.D
Acq: 14 Aug 2016 3:56

Instrument :
BNA_G
ClientSampleId :
PR002-SS002-0206-01

Tot Ion	Ratio	Lower	Upper
228	100		
229	23.2	15.4	23.2#
226	29.9	22.8	34.2

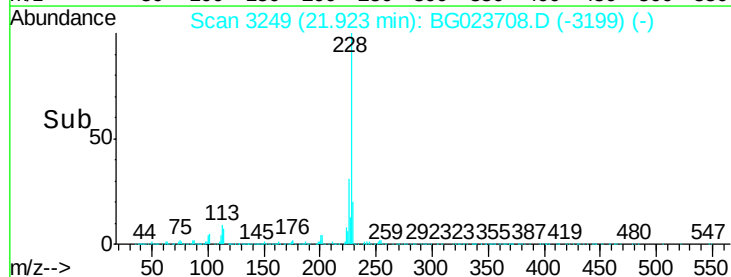
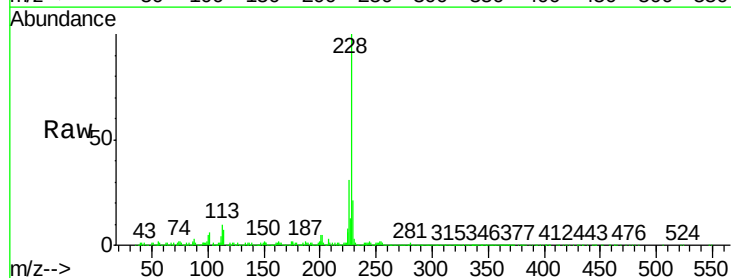
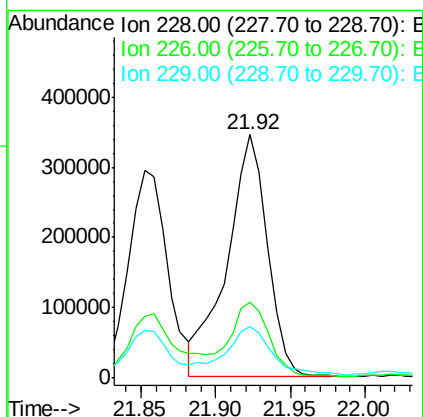
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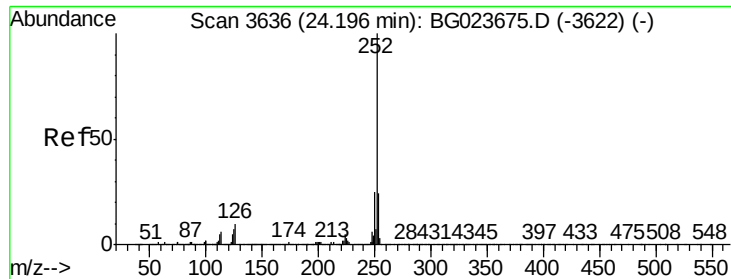
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#82
Chrysene
Concen: 18.31 ng/ul
RT: 21.92 min Scan# 3249
Delta R.T. -0.01 min
Lab File: BG023708.D
Acq: 14 Aug 2016 3:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.2	36.4
229	21.4	15.0	22.6





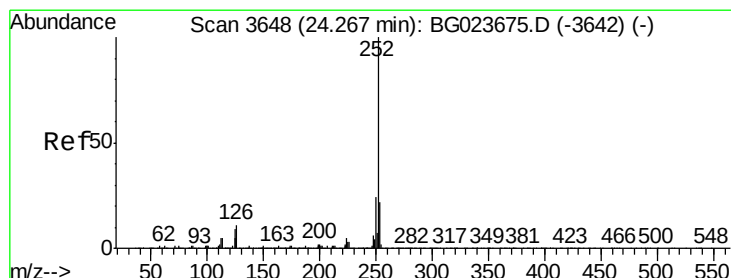
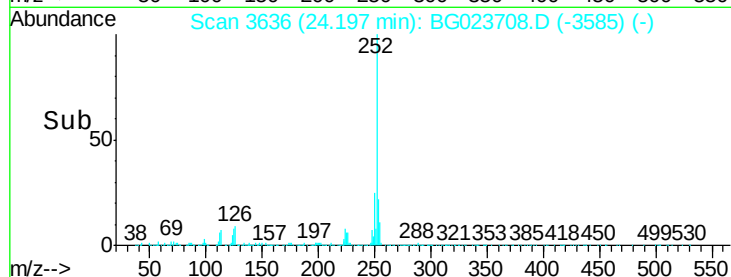
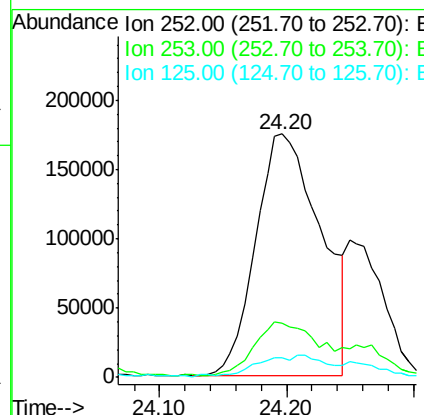
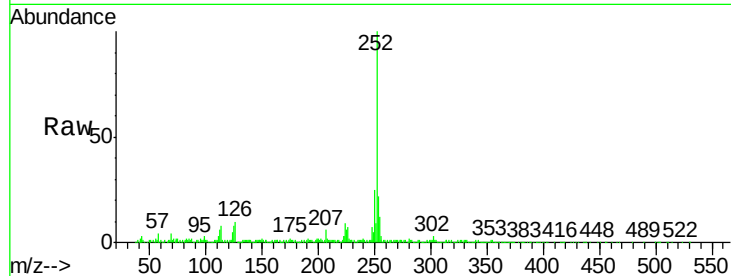
#85
Benzo(b)fluoranthene
Concen: 15.56 ng/ul
RT: 24.20 min Scan# 3636
Delta R.T. 0.00 min
Lab File: BG023708.D
Acq: 14 Aug 2016 3:56

Instrument :
BNA_G
ClientSampleId :
PR002-SS002-0206-01

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	8.2	10.8	16.2

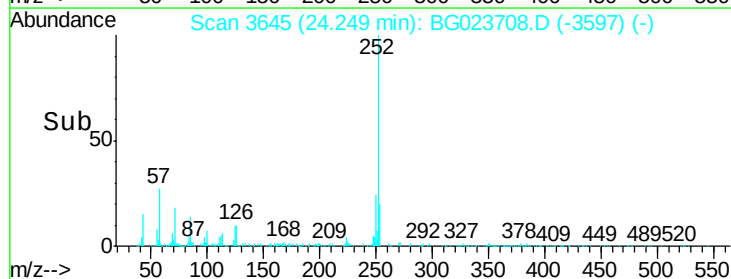
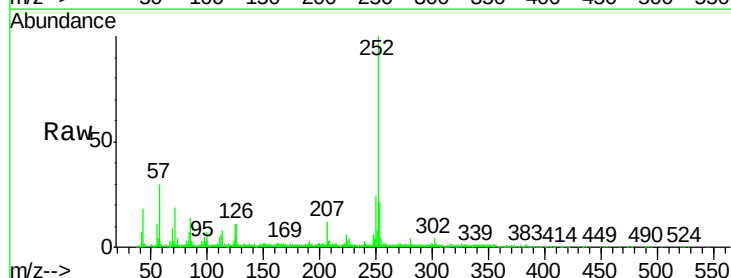
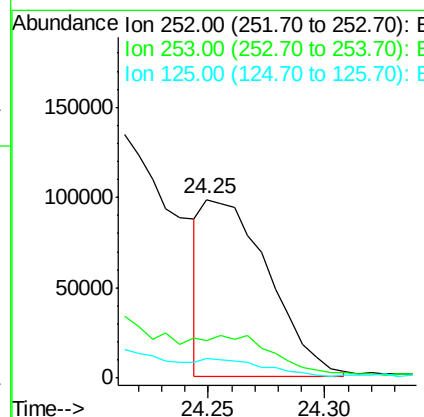
Manual Integrations
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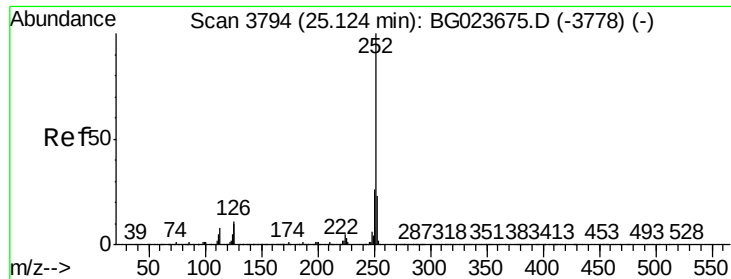
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#86
Benzo(k)fluoranthene
Concen: 4.96 ng/ul m
RT: 24.25 min Scan# 3645
Delta R.T. -0.02 min
Lab File: BG023708.D
Acq: 14 Aug 2016 3:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	15.8	23.6
125	11.1	10.6	16.0





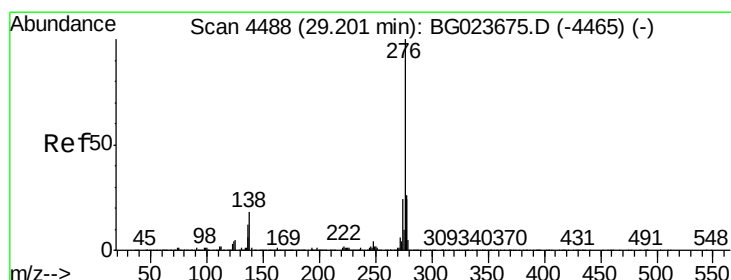
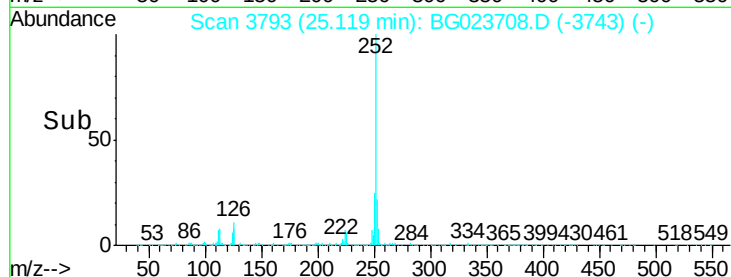
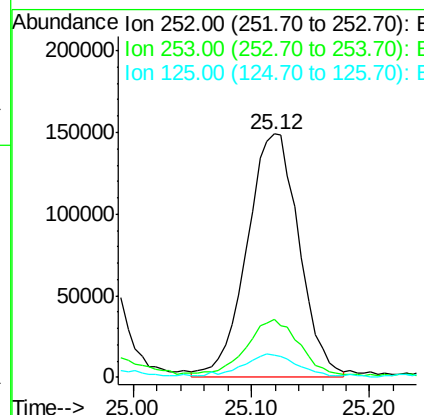
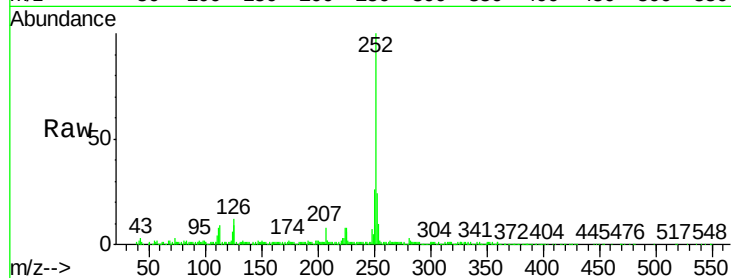
#88
Benzo(a)pyrene
Concen: 11.86 ng/ul m
RT: 25.12 min Scan# 3793
Delta R.T. -0.01 min
Lab File: BG023708.D
Acq: 14 Aug 2016 3:56

Instrument :
BNA_G
ClientSampleId :
PR002-SS002-0206-01

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.9	19.0	28.4
125	9.2	12.0	18.0#

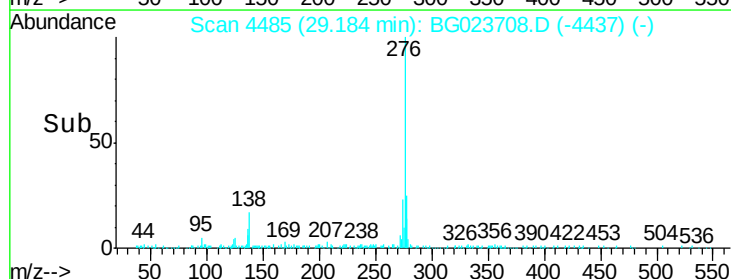
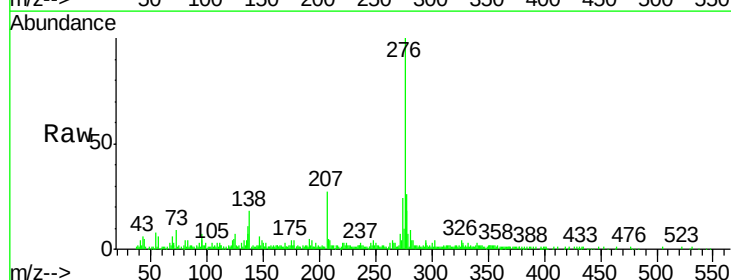
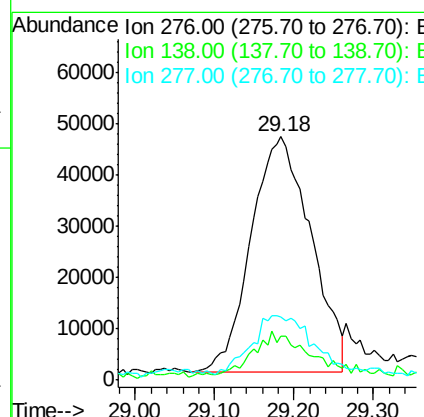
Manual Integrations
APPROVED

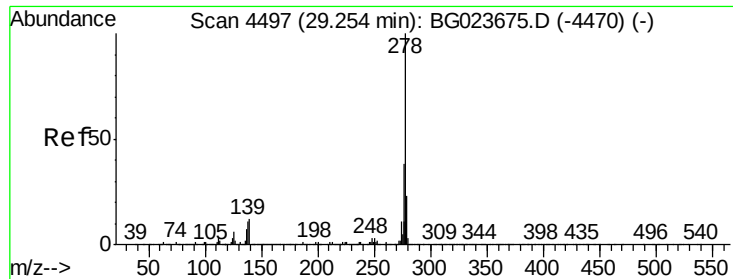
umangi
8/16/2016 7:00:00 PM



#89
Indeno(1,2,3-cd)pyrene
Concen: 5.28 ng/ul
RT: 29.18 min Scan# 4485
Delta R.T. -0.02 min
Lab File: BG023708.D
Acq: 14 Aug 2016 3:56

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	17.9	20.8	31.2#
277	25.8	17.6	26.4





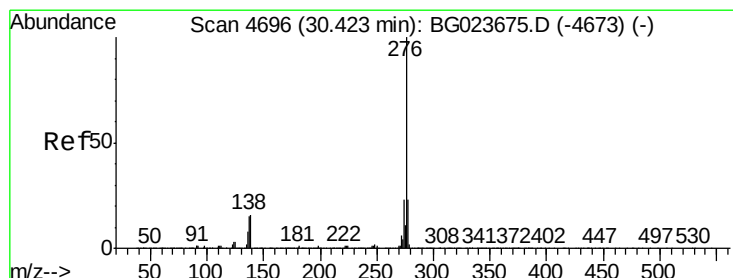
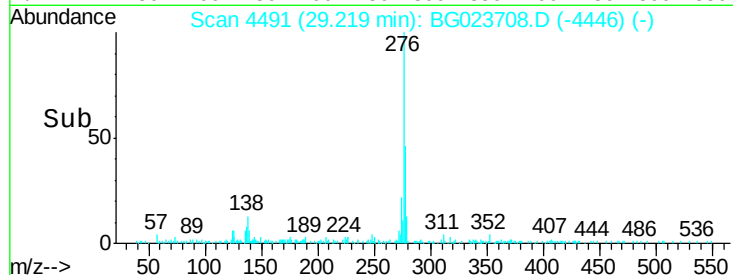
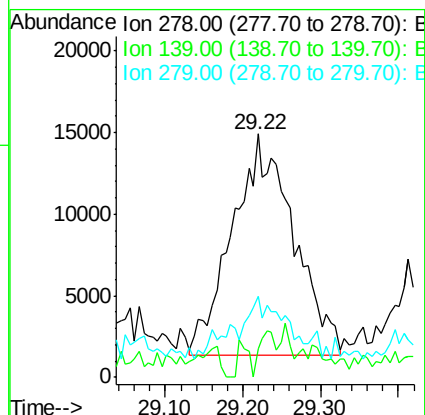
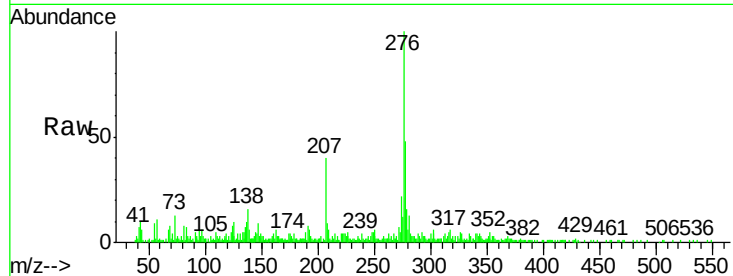
#90
Dibenzo(a,h)anthracene
Concen: 1.93 ng/ul m
RT: 29.22 min Scan# 4491
Delta R.T. -0.03 min
Lab File: BG023708.D
Acq: 14 Aug 2016 3:56

Instrument :
BNA_G
ClientSampleId :
PR002-SS002-0206-01

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.9	16.3	24.5#
279	33.5	19.1	28.7#

Manual Integrations
APPROVED

umangi
8/16/2016 7:00:00 PM



#91
Benzo(g,h,i)perylene
Concen: 5.45 ng/ul m
RT: 30.41 min Scan# 4693
Delta R.T. -0.02 min
Lab File: BG023708.D
Acq: 14 Aug 2016 3:56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.5	22.1	33.1#
277	19.9	17.0	25.4

