

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012417\
 Data File : BG025623.D
 Acq On : 25 Jan 2017 1:06
 Operator : UM/SJ
 Sample : I1316-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDNZ3

Manual Integrations
 APPROVED

mohammad
 1/25/2017 3:48:06 PM

Quant Time: Jan 25 03:20:53 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 25 02:29:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	87438	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	412701	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	354418	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	783206	20.00	ng/ul	0.00
75) Chrysene-d12	21.84	240	910651	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	957746	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.51	96	8255	4.72	ng/uL	0.00
5) Phenol-d5	7.34	99	212958	28.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	162254	33.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	161798	30.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	173628	27.26	ng/ul	0.00
19) Nitrobenzene-d5	9.36	128	94572	32.33	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	112105	32.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.63	165	197692	28.71	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	231099	30.02	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	798557	31.91	ng/ul	0.00
46) Acenaphthylene-d8	14.51	160	890408	32.94	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	95277m	27.78	ng/ul	0.00
57) Fluorene-d10	15.80	176	732203	31.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.94	200	139049	28.78	ng/ul	0.00
70) Anthracene-d10	17.65	188	1063654	31.90	ng/ul	0.00
76) Pyrene-d10	19.93	212	1276256	33.68	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	1281412	31.83	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	7.37	94	39156	4.97	ng/ul#	87
44) Dimethylphthalate	14.25	163	208378	8.47	ng/ul	98
49) Acenaphthene	14.87	153	57385	3.06	ng/ul	94
53) Dibenzofuran	15.21	168	65418	2.27	ng/ul	94
58) Fluorene	15.85	166	64467	2.74	ng/ul	96
69) Phenanthrene	17.60	178	1543580	40.54	ng/ul	99
71) Anthracene	17.69	178	284072	7.42	ng/ul	99
72) Carbazole	17.96	167	169199	5.33	ng/ul	97
74) Fluoranthene	19.60	202	1996078	44.42	ng/ul	98
77) Pyrene	19.96	202	1589361	35.49	ng/ul	98
80) Benzo(a)anthracene	21.83	228	1007766	20.94	ng/ul	98
82) Chrysene	21.89	228	906823	20.04	ng/ul	97
85) Benzo(b)fluoranthene	24.15	252	1018158	20.54	ng/ul	96
86) Benzo(k)fluoranthene	24.21	252	315588	6.79	ng/ul	97
88) Benzo(a)pyrene	25.08	252	644968	13.76	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.14	276	432215m	7.28	ng/ul	
91) Benzo(g,h,i)perylene	30.37	276	352646m	7.23	ng/ul	

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

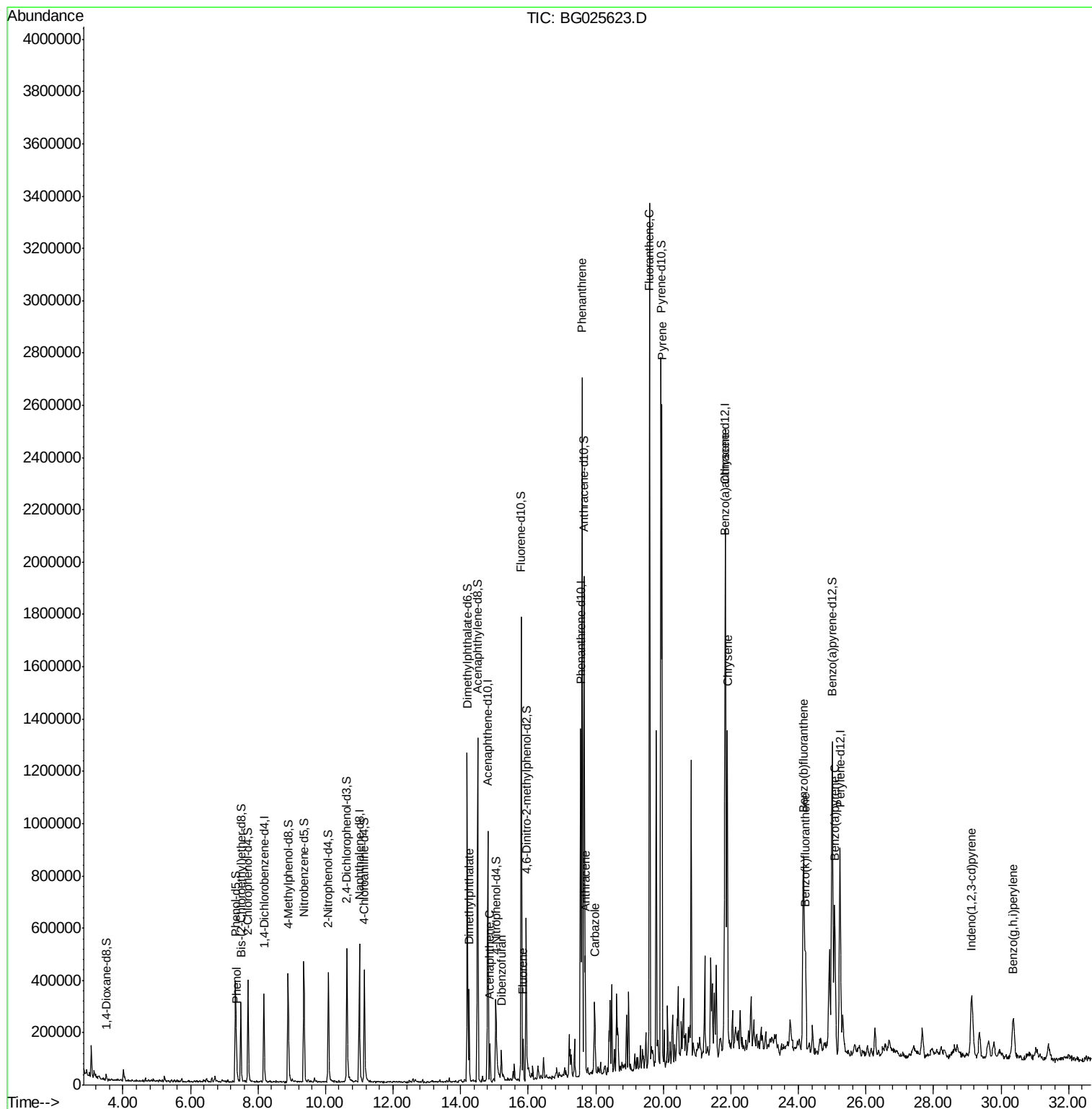
Data Path : Z:\HPCHEM1\BNA G\DATA\BG012417\
Data File : BG025623.D
Acq On : 25 Jan 2017 1:06
Operator : UM/SJ
Sample : I1316-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

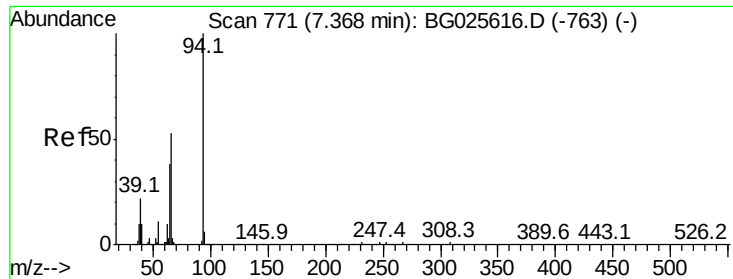
Instrument :
BNA_G
ClientSampleId :
BDNZ3

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Quant Time: Jan 25 03:20:53 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 25 02:29:56 2017
Response via : Initial Calibration





#6

Phenol

Concen: 4.97 ng/ul

RT: 7.37 min Scan# 772

Delta R.T. 0.00 min

Lab File: BG025623.D

Acq: 25 Jan 2017 1:06

Instrument :

BNA_G

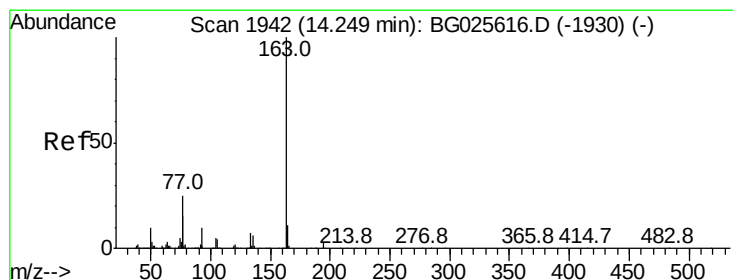
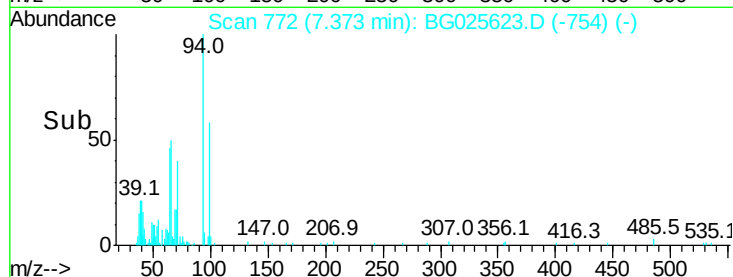
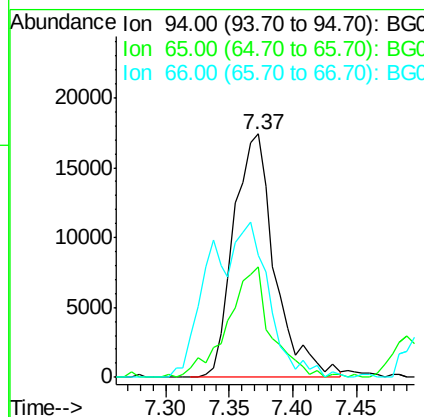
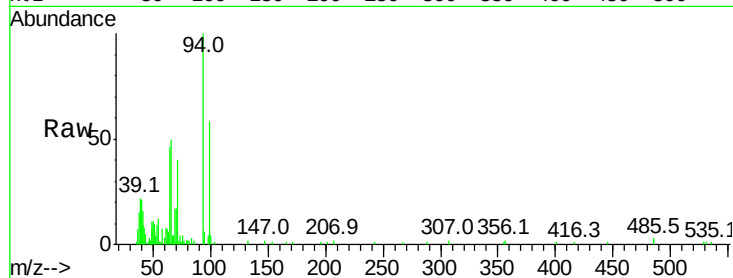
ClientSampleId :

BDNZ3

Tot Ion:	94	Resp:	39156
Ion Ratio	Lower	Upper	
94	100		
65	45.6	26.8	40.2#
66	50.1	44.4	66.6

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#44

Dimethylphthalate

Concen: 8.47 ng/ul

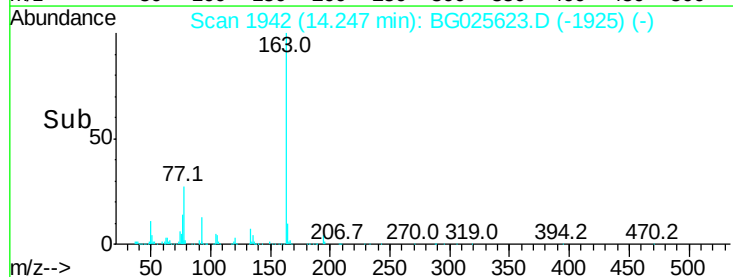
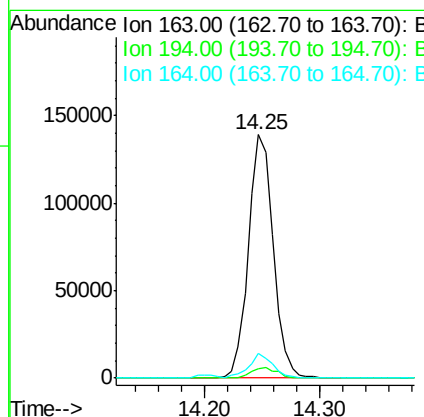
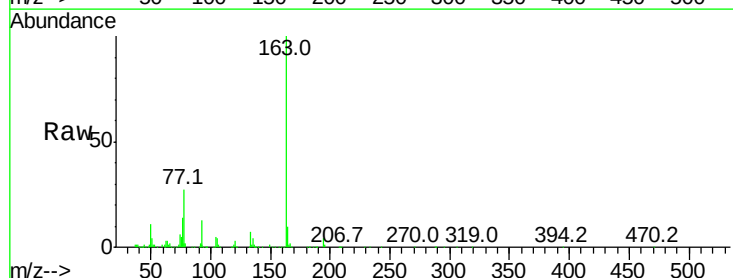
RT: 14.25 min Scan# 1942

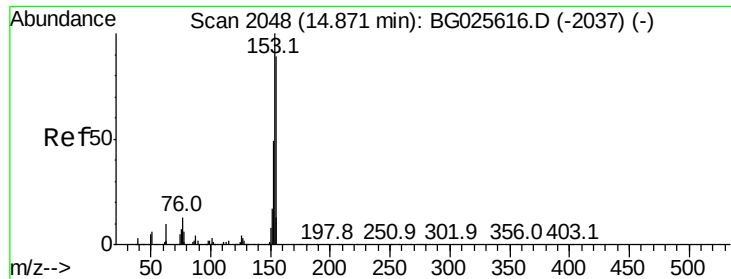
Delta R.T. -0.00 min

Lab File: BG025623.D

Acq: 25 Jan 2017 1:06

Tgt Ion:	163	Resp:	208378
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.4	5.0
164	10.2	9.0	13.4





#49

Acenaphthene

Concen: 3.06 ng/ul

RT: 14.87 min Scan# 2048

Delta R.T. -0.00 min

Lab File: BG025623.D

Acq: 25 Jan 2017 1:06

Instrument :

BNA_G

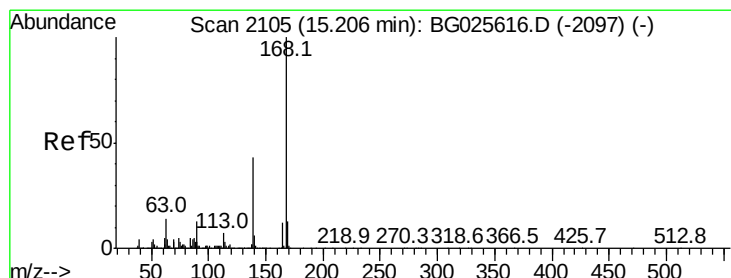
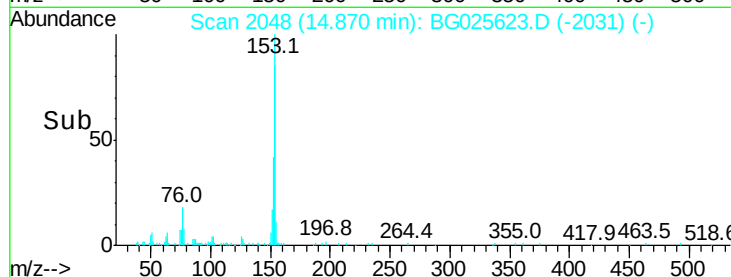
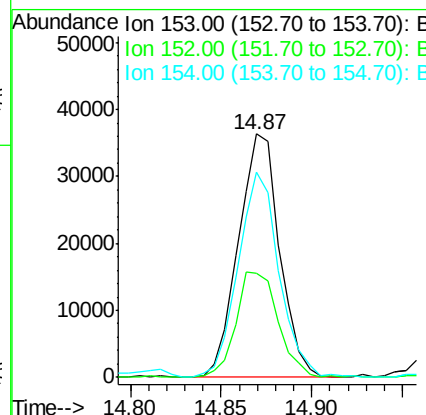
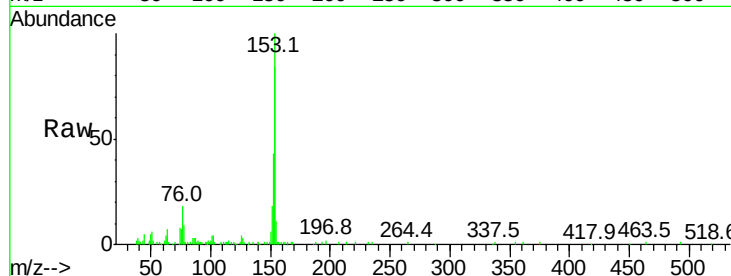
ClientSampleId :

BDNZ3

Tot Ion:	153	Resp:	57385
Ion Ratio	Lower	Upper	
153	100		
152	42.9	36.5	54.7
154	84.4	72.3	108.5

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#53

Dibenzofuran

Concen: 2.27 ng/ul

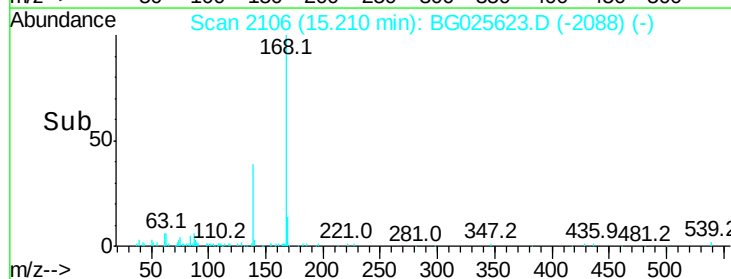
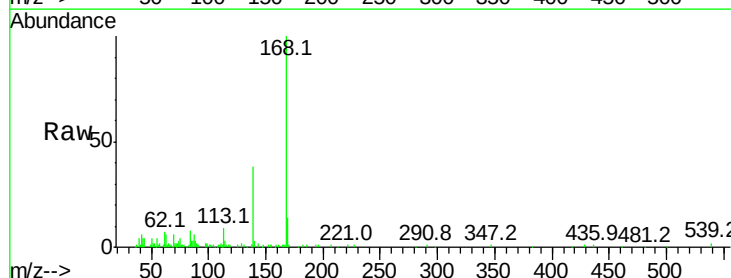
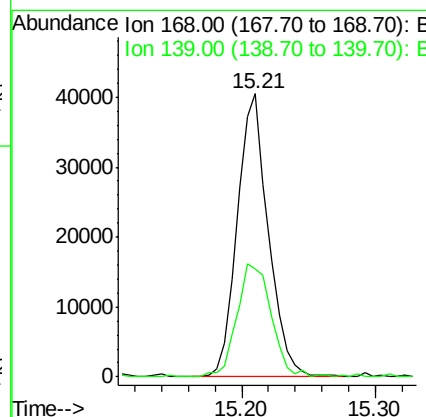
RT: 15.21 min Scan# 2106

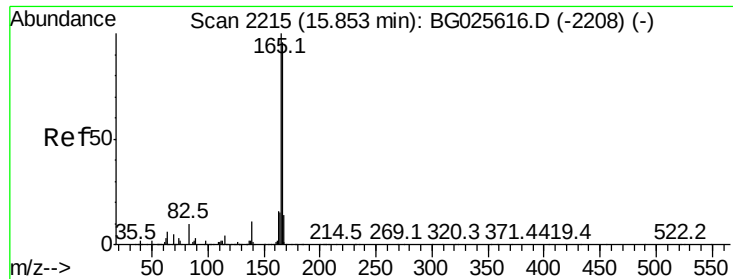
Delta R.T. 0.00 min

Lab File: BG025623.D

Acq: 25 Jan 2017 1:06

Tgt Ion:	168	Resp:	65418
Ion Ratio	Lower	Upper	
168	100		
139	38.3	33.8	50.8





#58

Fluorene

Concen: 2.74 ng/ul

RT: 15.85 min Scan# 2215

Delta R.T. -0.00 min

Lab File: BG025623.D

Acq: 25 Jan 2017 1:06

Instrument :

BNA_G

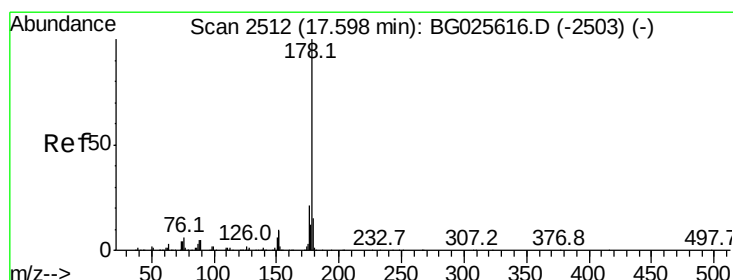
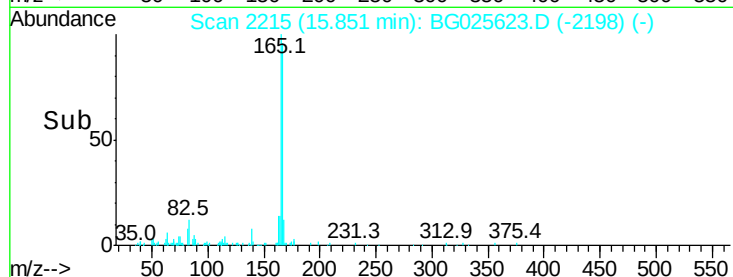
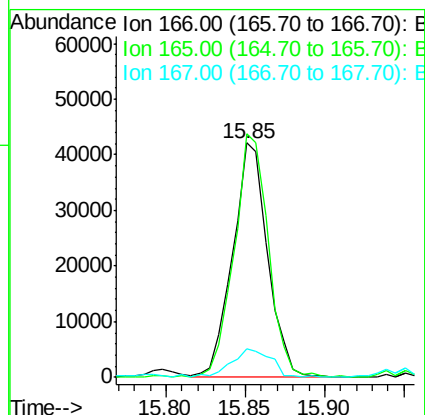
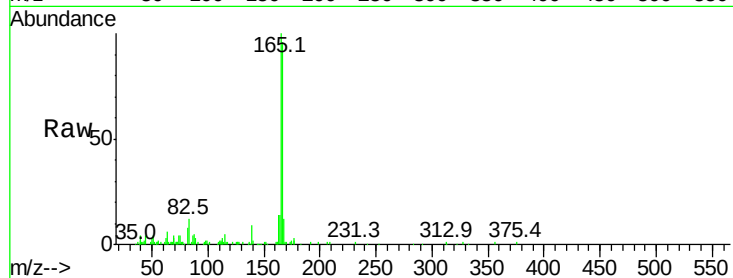
ClientSampled :

BDNZ3

Tot Ion	Ratio	Lower	Upper
166	100		
165	103.8	79.7	119.5
167	12.2	11.4	17.2

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#69

Phenanthrene

Concen: 40.54 ng/ul

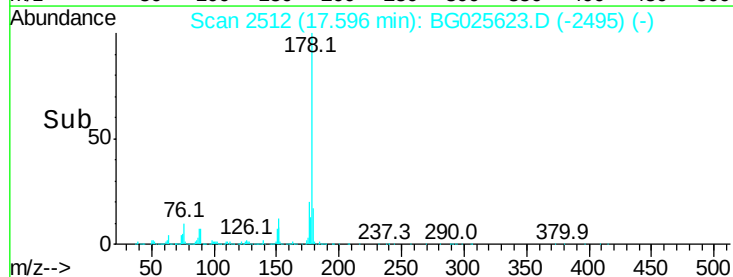
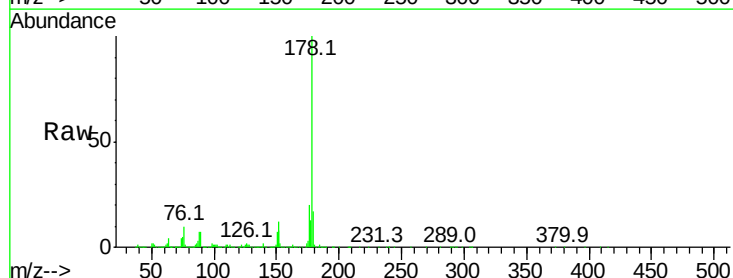
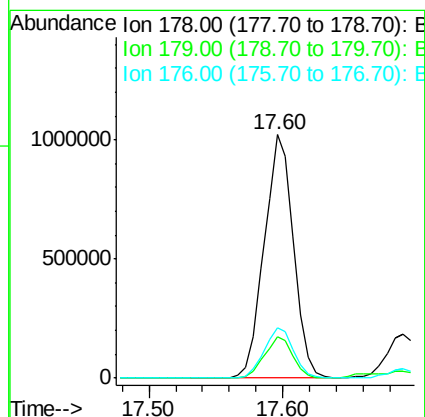
RT: 17.60 min Scan# 2512

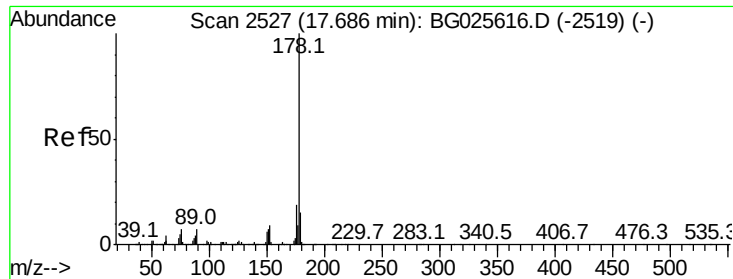
Delta R.T. -0.00 min

Lab File: BG025623.D

Acq: 25 Jan 2017 1:06

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.4	18.6
176	20.5	16.5	24.7





#71

Anthracene

Concen: 7.42 ng/ul

RT: 17.69 min Scan# 2528

Delta R.T. 0.00 min

Lab File: BG025623.D

Acq: 25 Jan 2017 1:06

Instrument :

BNA_G

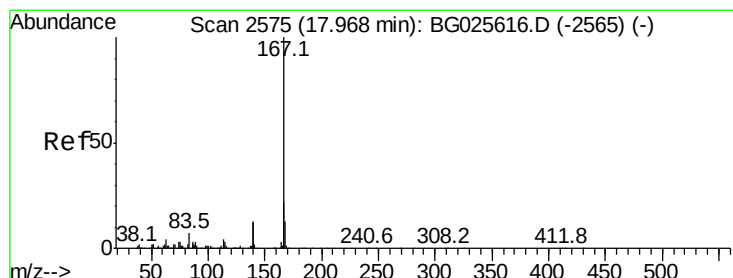
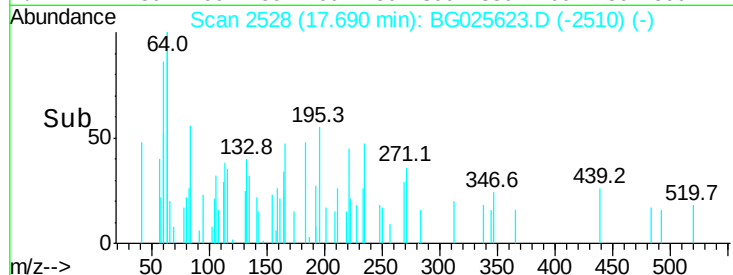
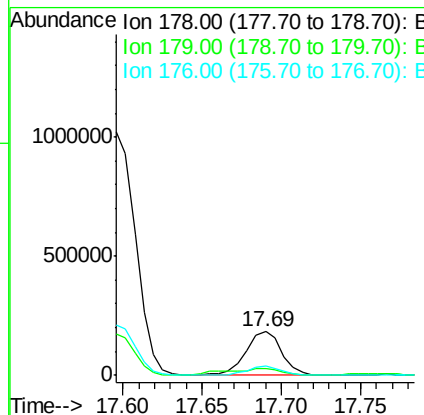
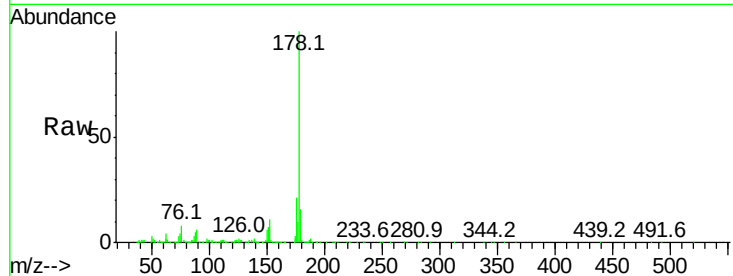
ClientSampleId :

BDNZ3

Tot Ion:	178	Resp:	284072
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.6	19.0
176	20.8	15.9	23.9

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#72

Carbazole

Concen: 5.33 ng/ul

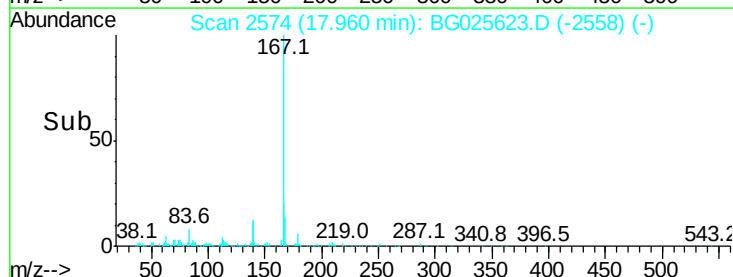
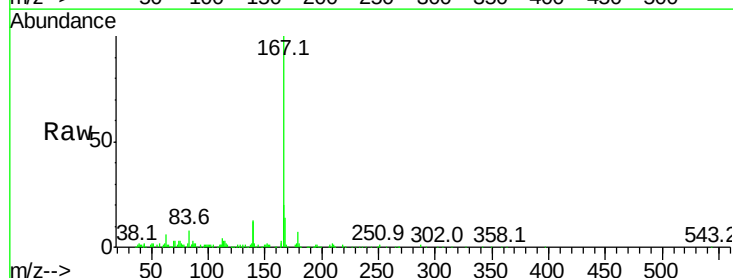
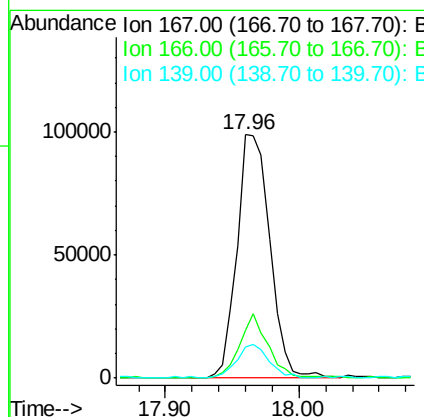
RT: 17.96 min Scan# 2574

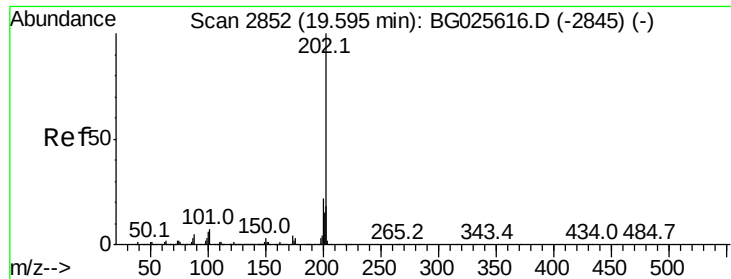
Delta R.T. -0.01 min

Lab File: BG025623.D

Acq: 25 Jan 2017 1:06

Tgt Ion:	167	Resp:	169199
Ion Ratio	Lower	Upper	
167	100		
166	19.8	17.9	26.9
139	13.1	10.5	15.7





#74

Fluoranthene

Concen: 44.42 ng/ul

RT: 19.60 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BG025623.D

Acq: 25 Jan 2017 1:06

Instrument :

BNA_G

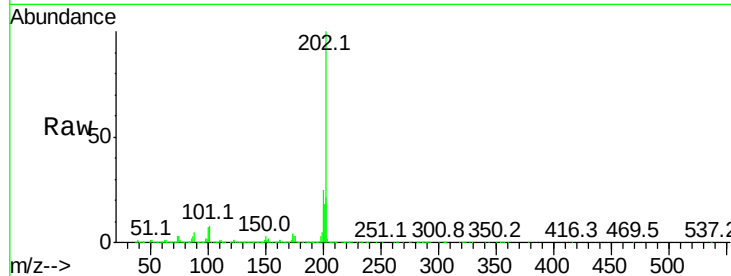
ClientSampleId :

BDNZ3

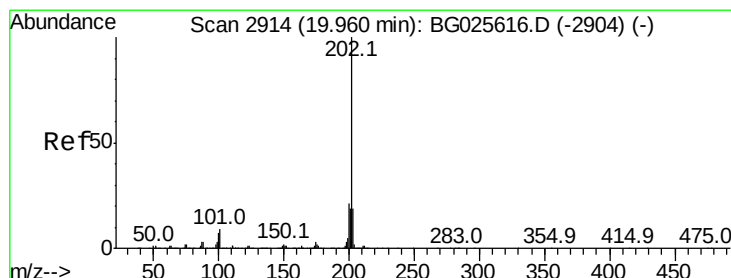
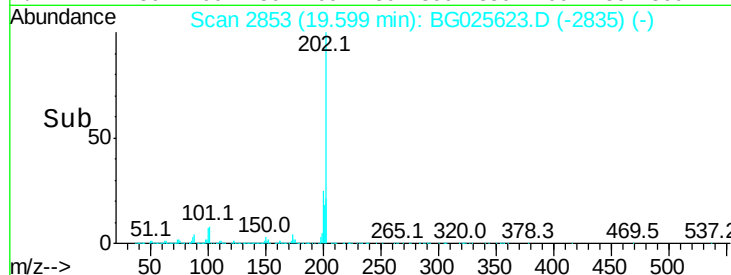
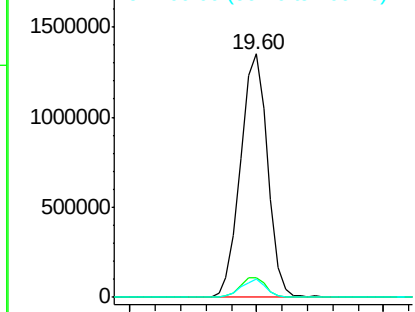
Tot Ion:	202	Resp:	1996078
Ion	Ratio	Lower	Upper
202	100		
101	8.1	6.2	9.2
100	7.3	5.2	7.8

Manual Integrations
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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: 35.49 ng/ul

RT: 19.96 min Scan# 2915

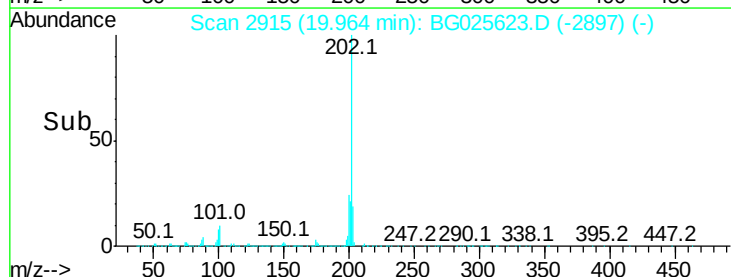
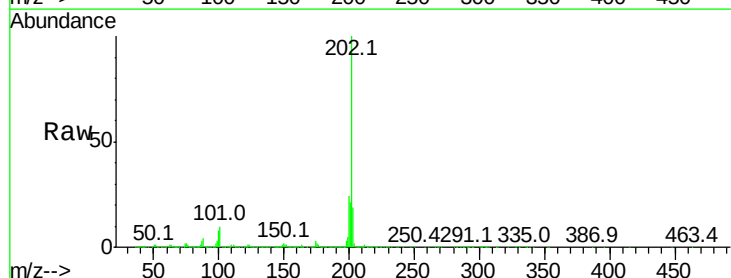
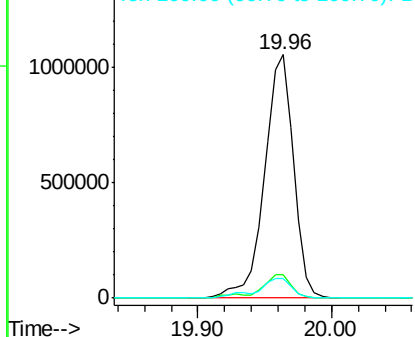
Delta R.T. 0.00 min

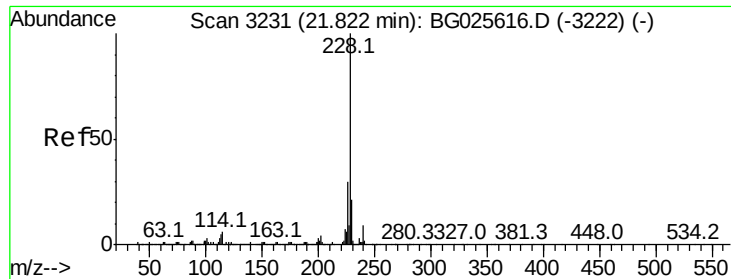
Lab File: BG025623.D

Acq: 25 Jan 2017 1:06

Tgt Ion:	202	Resp:	1589361
Ion	Ratio	Lower	Upper
202	100		
101	9.9	6.9	10.3
100	8.2	6.6	10.0

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





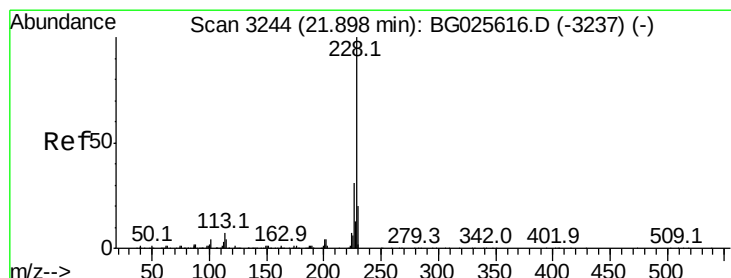
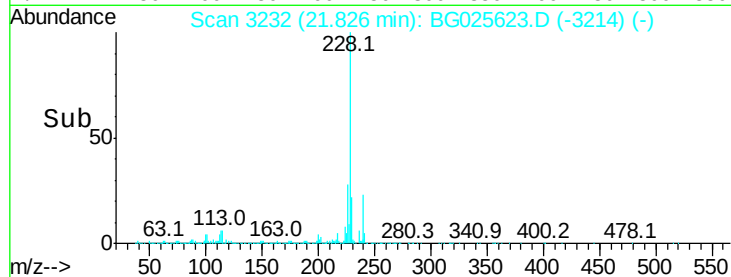
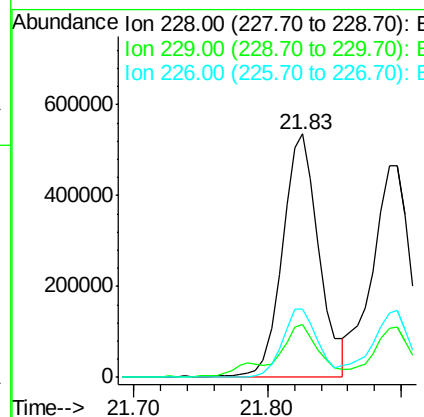
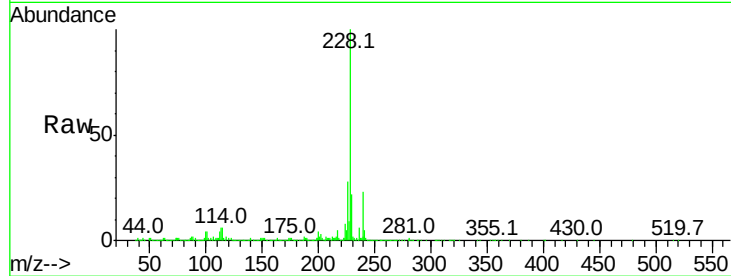
#80
Benzo(a)anthracene
Concen: 20.94 ng/ul
RT: 21.83 min Scan# 3232
Delta R.T. 0.00 min
Lab File: BG025623.D
Acq: 25 Jan 2017 1:06

Instrument :
BNA_G
ClientSampleId :
BDNZ3

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.7	16.3	24.5
226	27.8	21.9	32.9

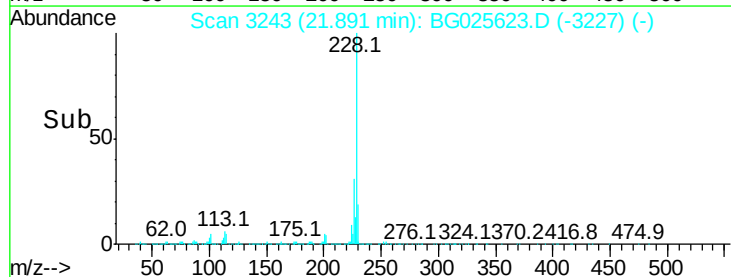
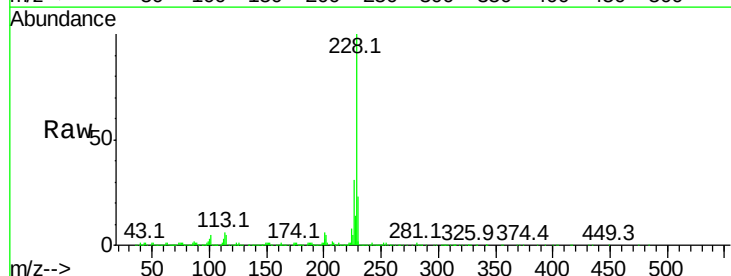
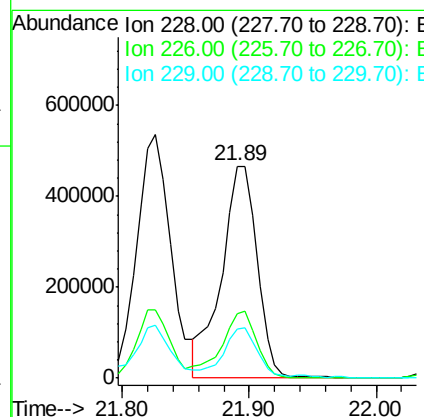
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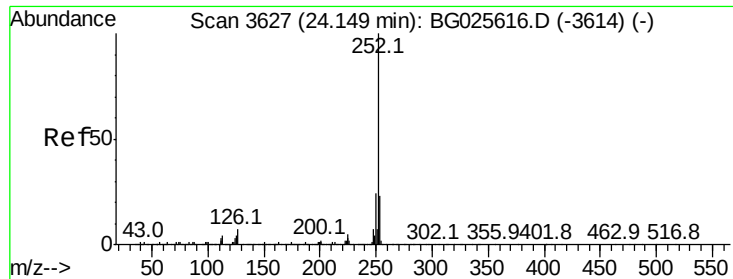
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#82
Chrysene
Concen: 20.04 ng/ul
RT: 21.89 min Scan# 3243
Delta R.T. -0.01 min
Lab File: BG025623.D
Acq: 25 Jan 2017 1:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.0	36.0
229	23.4	16.9	25.3





#85

Benzo(b)fluoranthene

Concen: 20.54 ng/ul

RT: 24.15 min Scan# 3628

Delta R.T. 0.00 min

Lab File: BG025623.D

Acq: 25 Jan 2017 1:06

Instrument :

BNA_G

ClientSampled :

BDNZ3

Tot Ion:252 Resp: 1018158

Ion Ratio Lower Upper

252 100

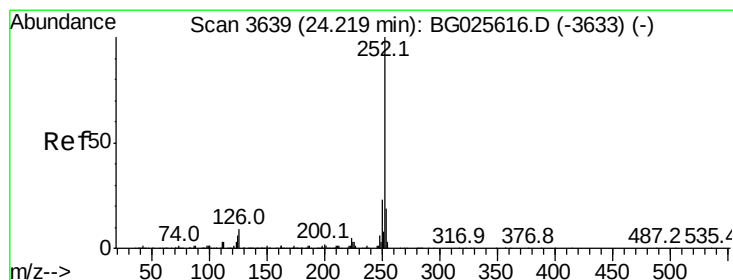
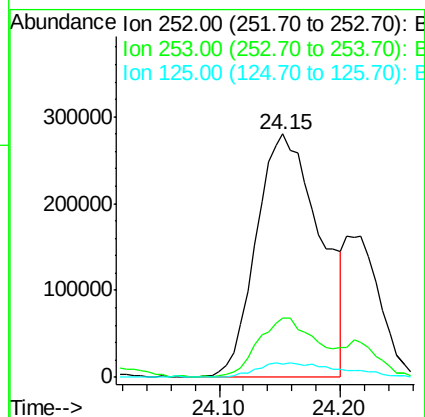
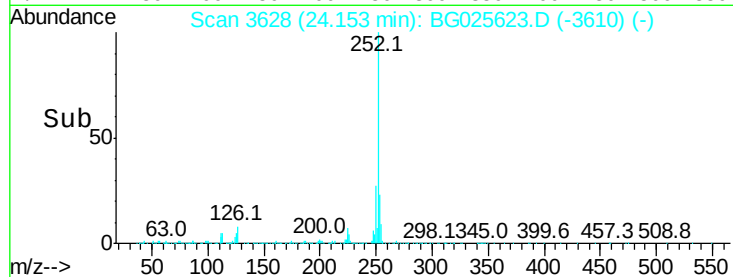
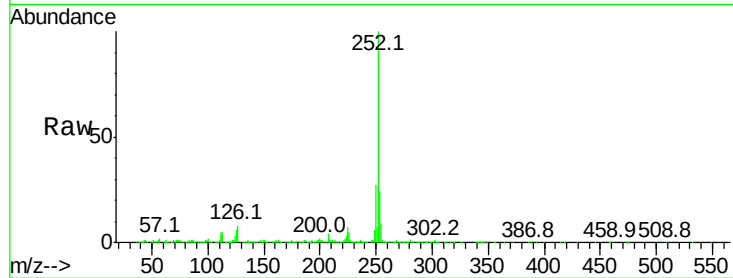
253 24.2 17.7 26.5

125 5.6 4.0 6.0

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#86

Benzo(k)fluoranthene

Concen: 6.79 ng/ul

RT: 24.21 min Scan# 3637

Delta R.T. -0.01 min

Lab File: BG025623.D

Acq: 25 Jan 2017 1:06

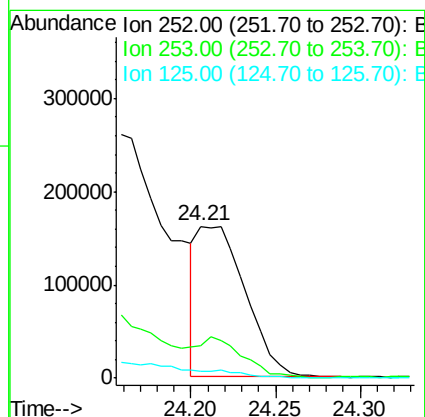
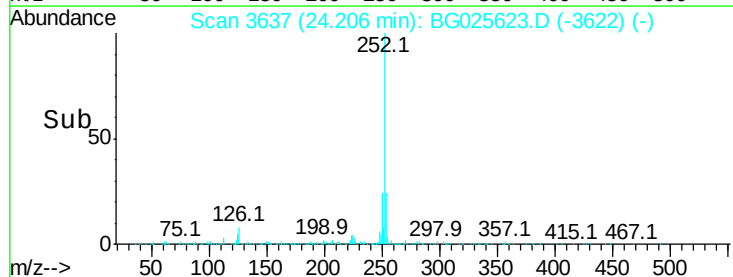
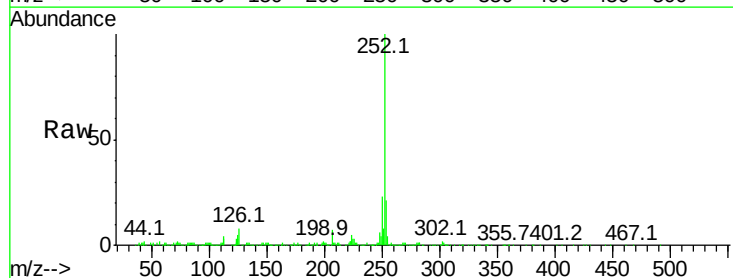
Tgt Ion:252 Resp: 315588

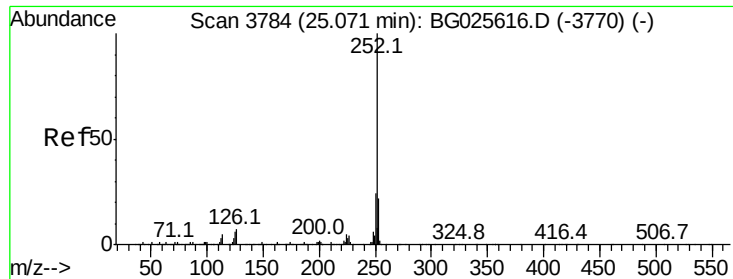
Ion Ratio Lower Upper

252 100

253 21.3 18.5 27.7

125 4.8 4.1 6.1





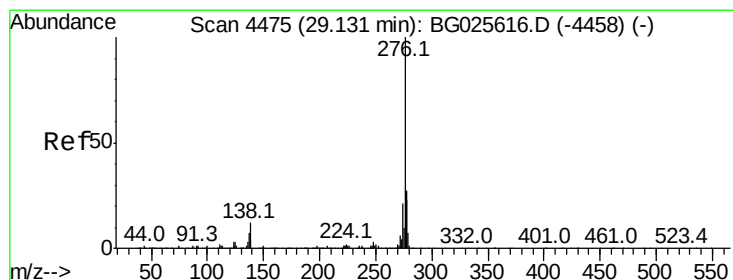
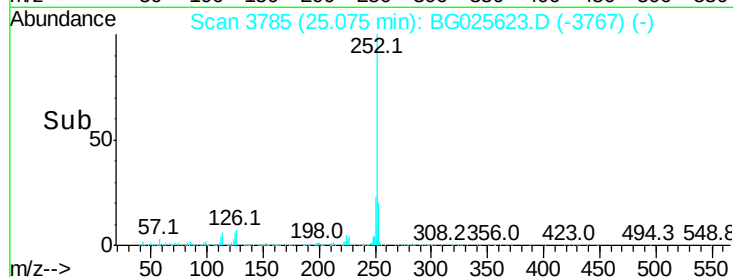
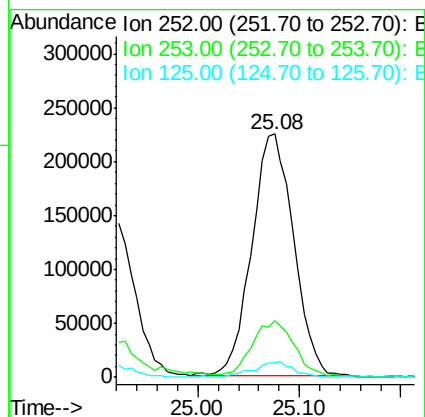
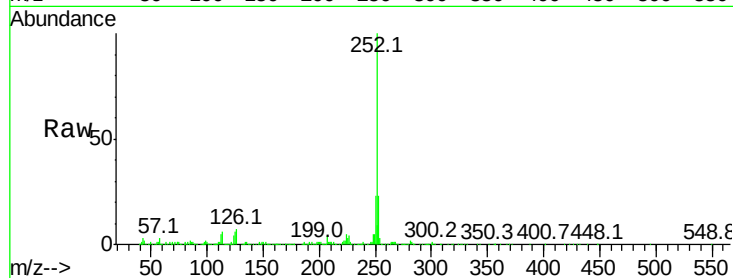
#88
Benzo(a)pyrene
Concen: 13.76 ng/ul
RT: 25.08 min Scan# 3785
Delta R.T. 0.00 min
Lab File: BG025623.D
Acq: 25 Jan 2017 1:06

Instrument :
BNA_G
ClientSampleId :
BDNZ3

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.6
125	6.0	5.4	8.0

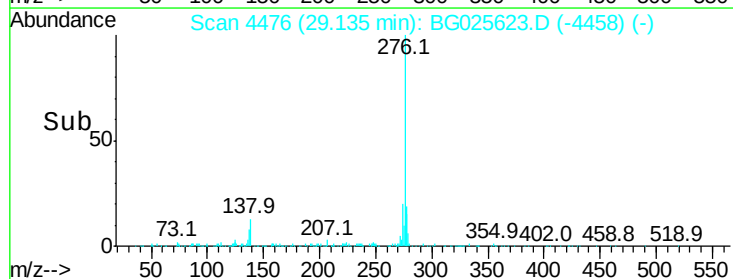
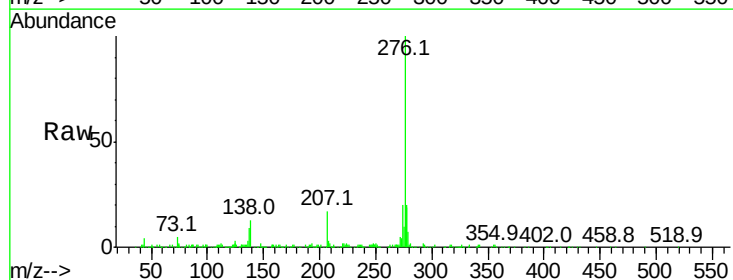
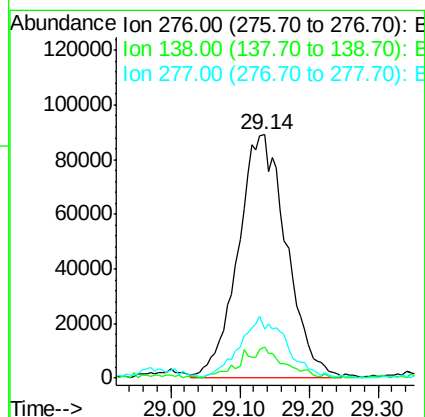
Manual Integrations
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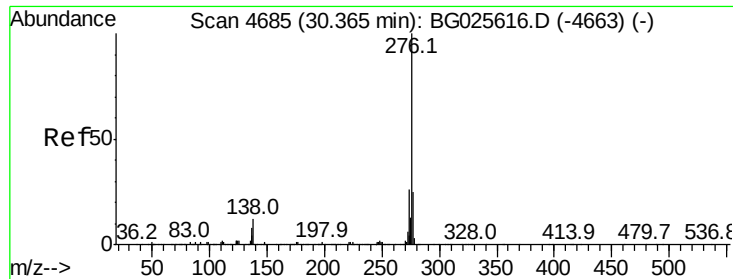
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#89
Indeno(1,2,3-cd)pyrene
Concen: 7.28 ng/ul m
RT: 29.14 min Scan# 4476
Delta R.T. 0.00 min
Lab File: BG025623.D
Acq: 25 Jan 2017 1:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.8	8.2	12.4#
277	20.1	18.6	28.0





#91

Benzo(a,h,i)perylene

Concen: 7.23 ng/ul m

RT: 30.37 min Scan# 4686

Delta R.T. 0.00 min

Lab File: BG025623.D

Acq: 25 Jan 2017 1:06

Instrument :

BNA_G

ClientSampleId :

BDNZ3

Tot Ion:	276	Resp:	352646
Ion Ratio	Lower	Upper	
276	100		
138	9.6	8.6	12.8
277	22.6	17.6	26.4

Manual Integrations
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