

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
 Data File : BG025026.D
 Acq On : 9 Dec 2016 3:50
 Operator : UM/SJ
 Sample : H5863-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA7Z7

Manual Integrations
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Quant Time: Dec 09 11:11:05 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 09 01:31:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	95372	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	396288	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	334026	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	709386	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	911290	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	942286	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	6167	3.34	ng/uL	0.00
5) Phenol-d5	7.38	99	145925	17.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	91771	18.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	100936	17.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	121337	17.65	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	52475	18.70	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	66723	19.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	124514	18.51	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	66037	9.99	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	453589	19.74	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	482973	19.19	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	65372	16.56	ng/ul	0.00
57) Fluorene-d10	15.85	176	424170	19.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	94820	21.62	ng/ul	0.00
70) Anthracene-d10	17.70	188	648339	21.65	ng/ul	0.00
76) Pyrene-d10	19.97	212	785339	20.92	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	834210	21.85	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	7.41	94	21154	2.50	ng/ul#	84
14) Acetophenone	9.08	105	21776m	2.08	ng/ul	
16) 4-Methylphenol	9.00	108	7363	1.06	ng/ul#	73
24) 2,4-Dimethylphenol	10.21	107	13995m	1.72	ng/ul	
34) 2-Methylnaphthalene	12.71	142	20720m	1.43	ng/ul	
44) Dimethylphthalate	14.30	163	103939	4.60	ng/ul	98
69) Phenanthrene	17.64	178	52730	1.56	ng/ul#	92
74) Fluoranthene	19.64	202	95991	2.39	ng/ul#	93
77) Pyrene	20.00	202	117043	2.67	ng/ul#	97
80) Benzo(a)anthracene	21.88	228	71345	1.51	ng/ul#	85
81) Bis(2-ethylhexyl)phthalate	21.74	149	26536	1.12	ng/ul#	81
82) Chrysene	21.94	228	98070	2.21	ng/ul#	94
85) Benzo(b)fluoranthene	24.22	252	169636	3.63	ng/ul#	97
86) Benzo(k)fluoranthene	24.28	252	44901	1.01	ng/ul#	91
88) Benzo(a)pyrene	25.15	252	110189m	2.45	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.24	276	78481	1.41	ng/ul#	90
91) Benzo(g,h,i)perylene	30.46	276	121025m	2.60	ng/ul	

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

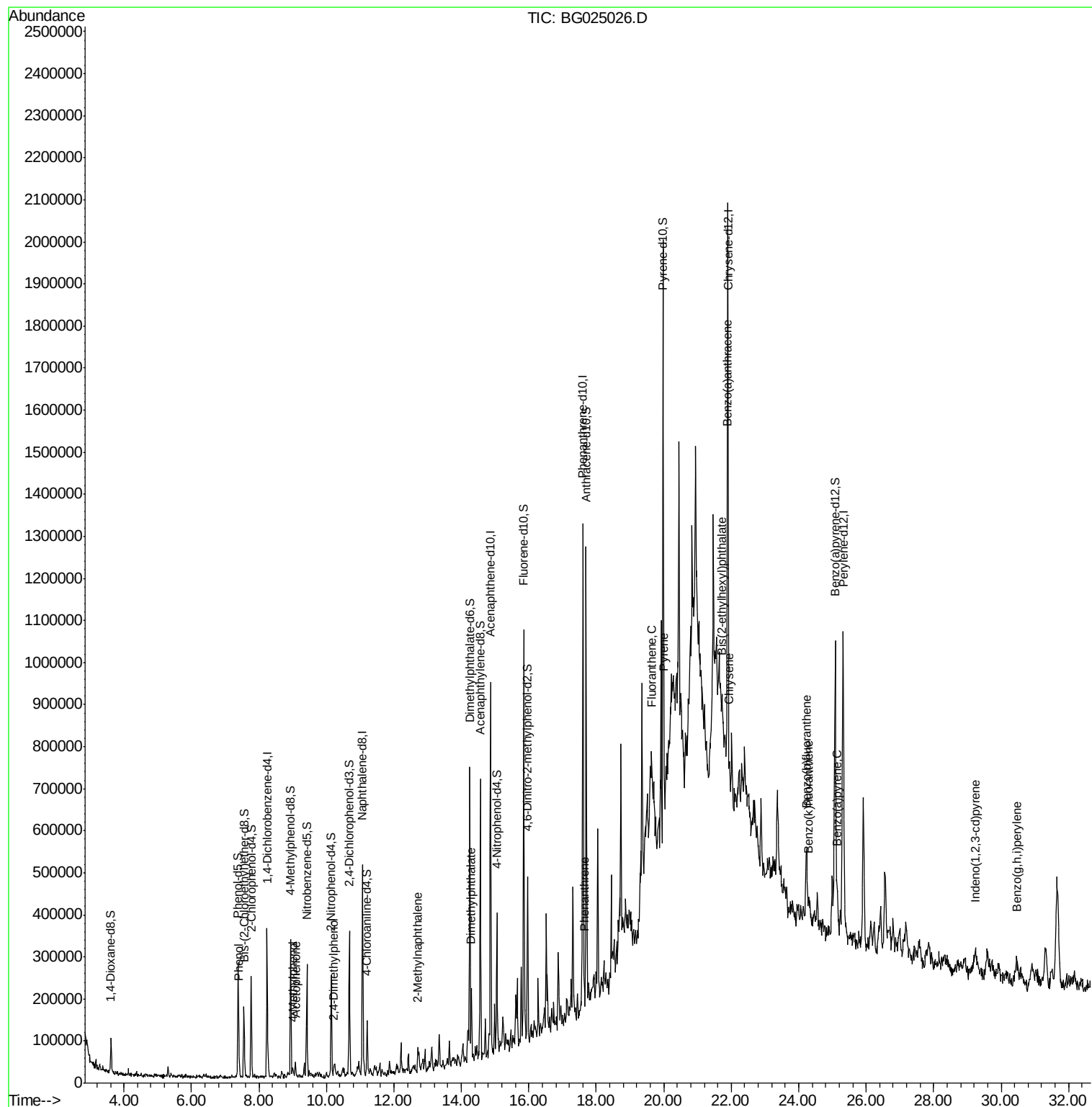
Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025026.D
Acq On : 9 Dec 2016 3:50
Operator : UM/SJ
Sample : H5863-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

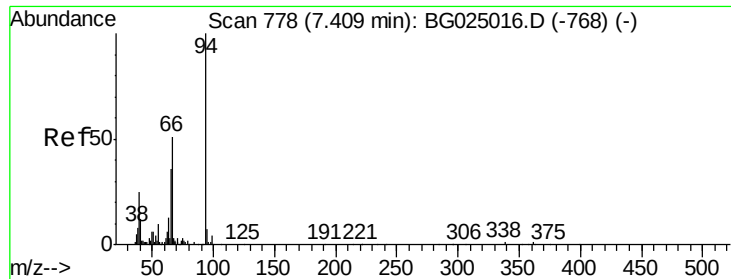
Instrument :
BNA_G
ClientSampleId :
DA7Z7

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Quant Time: Dec 09 11:11:05 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 01:31:52 2016
Response via : Initial Calibration





#6

Phenol

Concen: 2.50 ng/ul

RT: 7.41 min Scan# 777

Delta R.T. -0.00 min

Lab File: BG025026.D

Acq: 9 Dec 2016 3:50

Instrument :

BNA_G

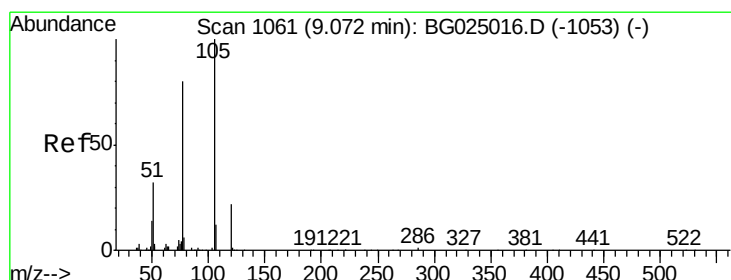
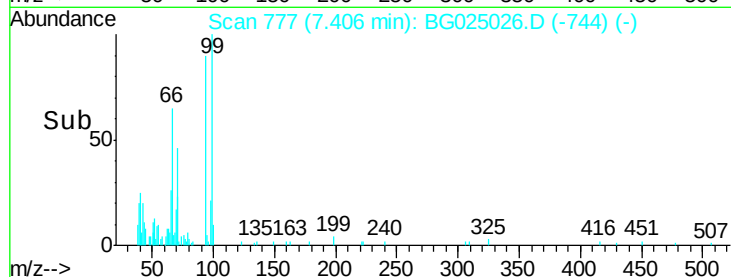
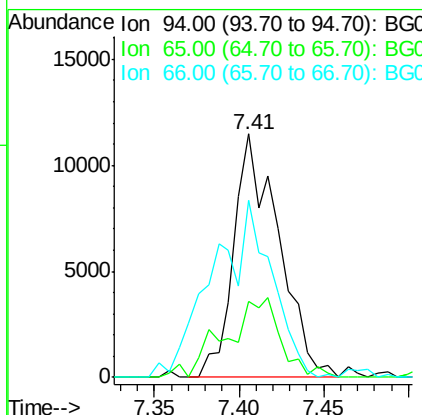
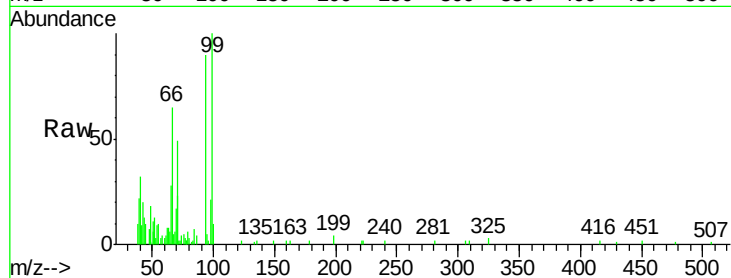
ClientSampleId :

DA7Z7

Tot Ion:	94	Resp:	21154
Ion Ratio	Lower	Upper	
94	100		
65	31.4	26.8	40.2
66	72.8	44.4	66.6#

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#14

Acetophenone

Concen: 2.08 ng/ul m

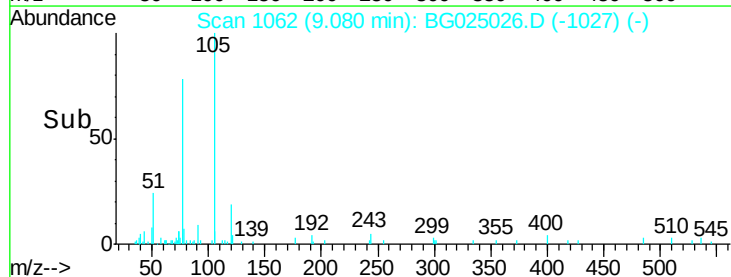
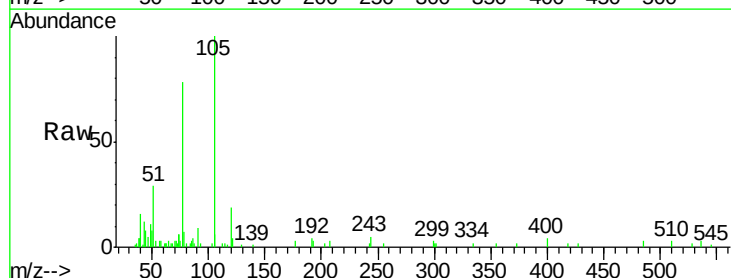
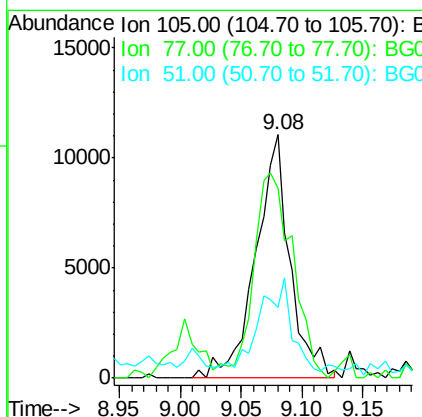
RT: 9.08 min Scan# 1062

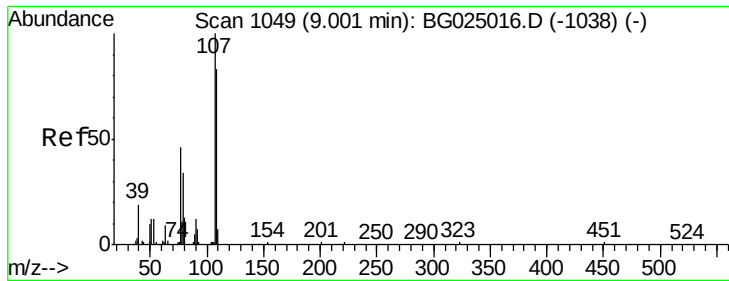
Delta R.T. 0.01 min

Lab File: BG025026.D

Acq: 9 Dec 2016 3:50

Tgt Ion:	105	Resp:	21776
Ion Ratio	Lower	Upper	
105	100		
77	78.1	76.0	114.0
51	29.3	34.8	52.2#





#16

4-Methylphenol

Concen: 1.06 ng/ul

RT: 9.00 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BG025026.D

Acq: 9 Dec 2016 3:50

Instrument :

BNA_G

ClientSampled :

DA7Z7

Tot Ion:108 Resp: 7363

Ion Ratio Lower Upper

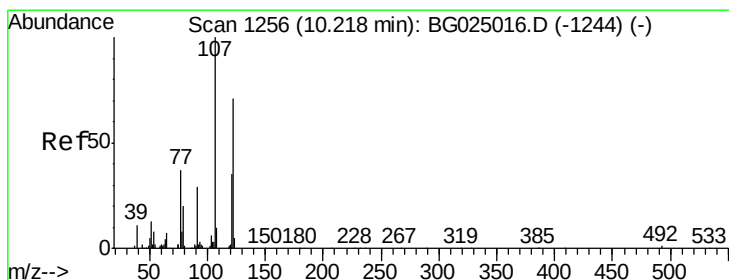
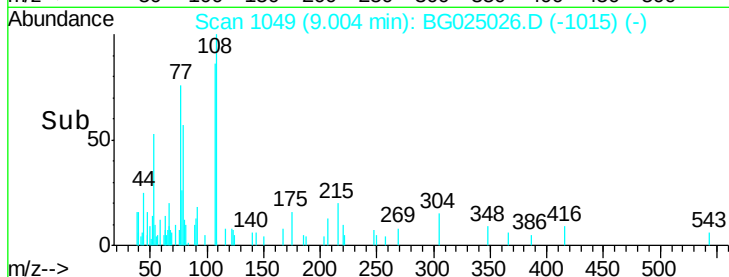
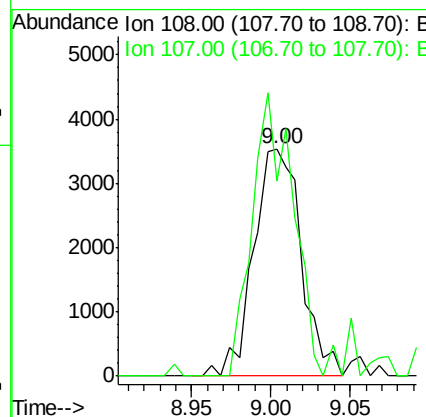
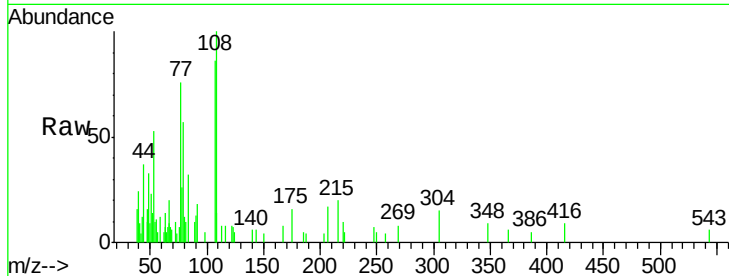
108 100

107 85.6 91.7 137.5#

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#24

2,4-Dimethylphenol

Concen: 1.72 ng/ul m

RT: 10.21 min Scan# 1255

Delta R.T. -0.00 min

Lab File: BG025026.D

Acq: 9 Dec 2016 3:50

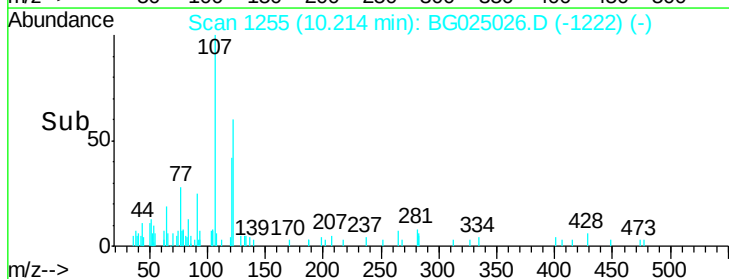
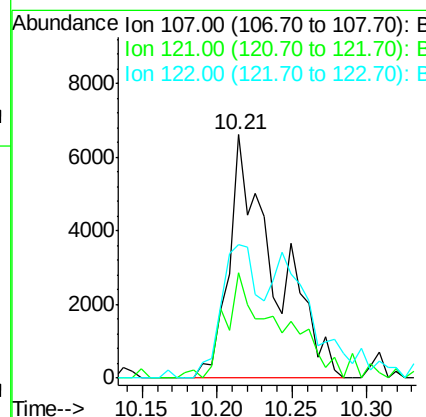
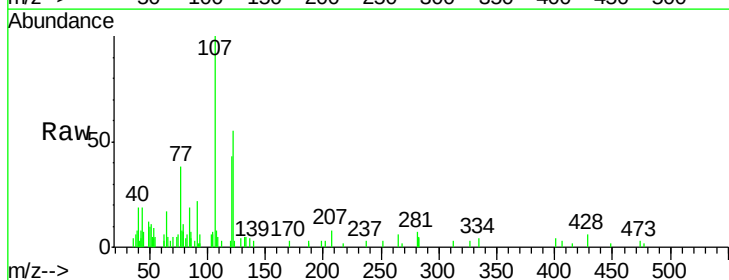
Tgt Ion:107 Resp: 13995

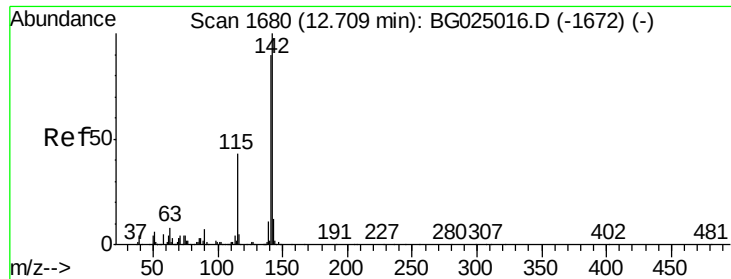
Ion Ratio Lower Upper

107 100

121 43.4 32.3 48.5

122 55.0 61.2 91.8#





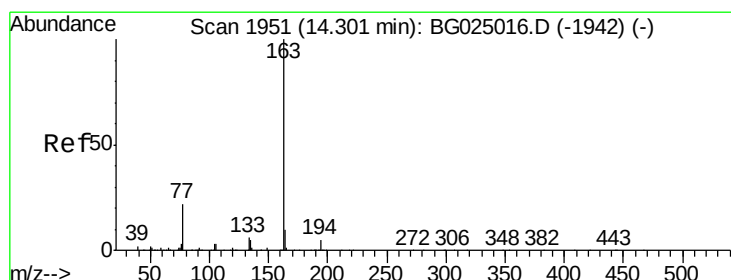
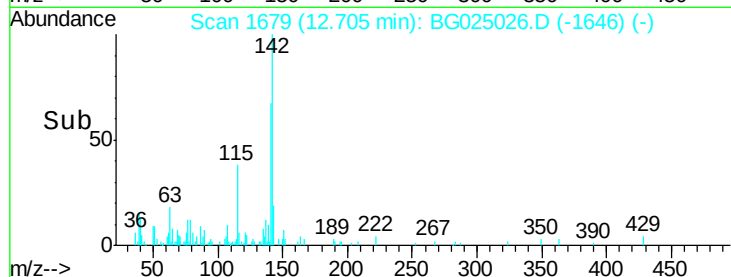
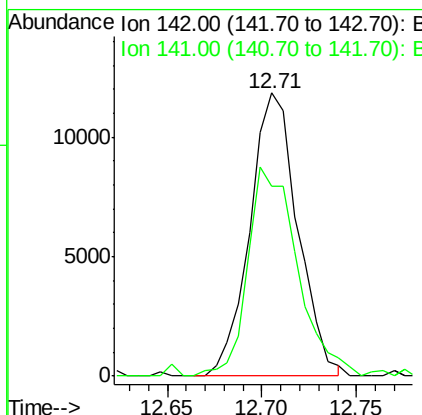
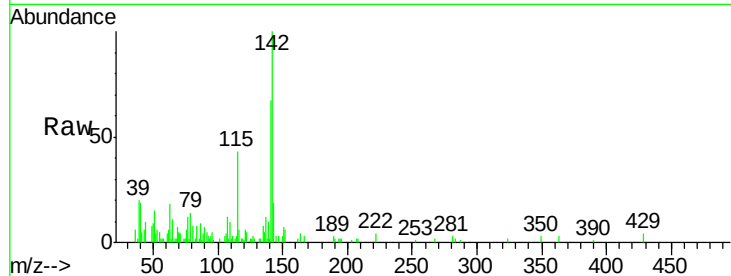
#34
 2-Methylnaphthalene
 Concen: 1.43 ng/ul m
 RT: 12.71 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: BG025026.D
 Acq: 9 Dec 2016 3:50

Instrument :
 BNA_G
 ClientSampleID :
 DA7Z7

Tot Ion:142 Resp: 20720
 Ion Ratio Lower Upper
 142 100
 141 67.3 68.6 102.8#

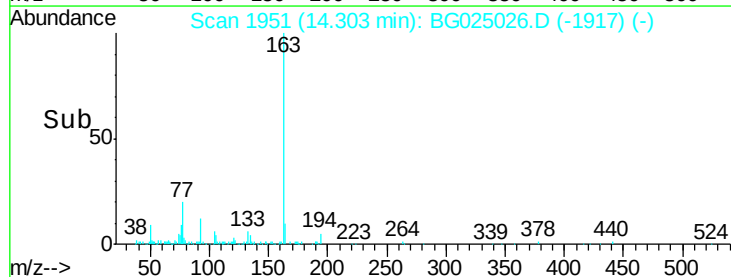
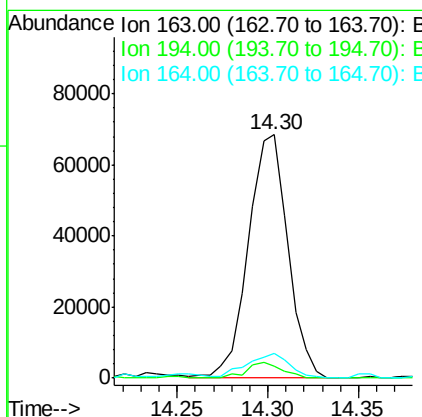
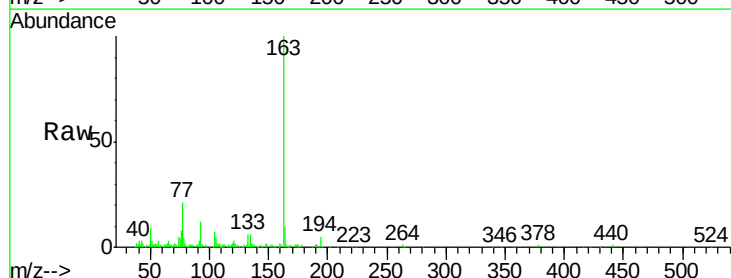
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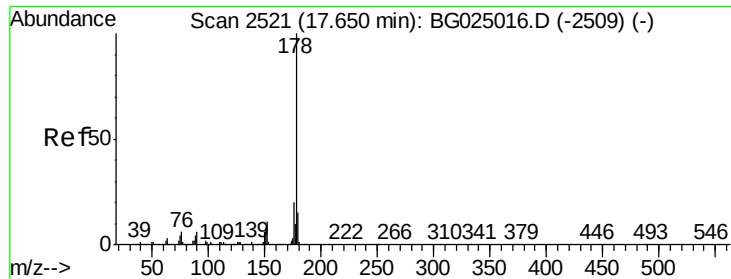
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#44
 Dimethylphthalate
 Concen: 4.60 ng/ul
 RT: 14.30 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: BG025026.D
 Acq: 9 Dec 2016 3:50

Tgt Ion:163 Resp: 103939
 Ion Ratio Lower Upper
 163 100
 194 4.8 3.4 5.0
 164 10.2 9.0 13.4





#69

Phenanthrene

Concen: 1.56 ng/ul

RT: 17.64 min Scan# 2519

Delta R.T. -0.01 min

Lab File: BG025026.D

Acq: 9 Dec 2016 3:50

Instrument :

BNA_G

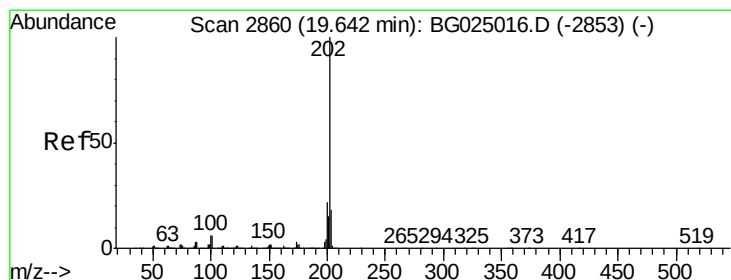
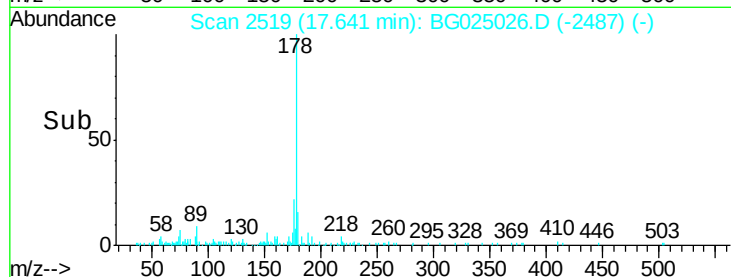
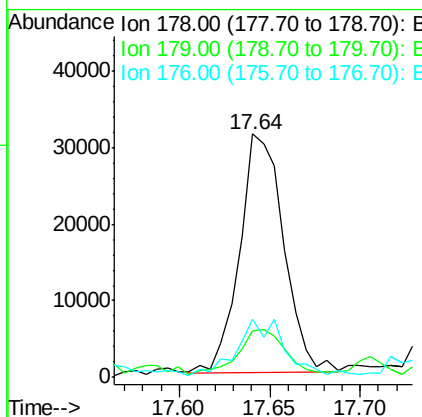
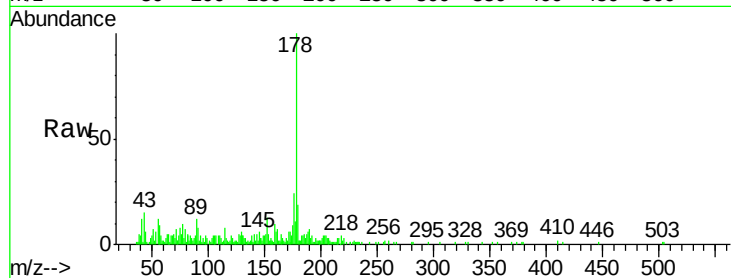
ClientSampleId :

DA7Z7

Tot Ion	Ratio	Lower	Upper
178	100		
179	19.3	12.4	18.6#
176	23.9	16.5	24.7

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#74

Fluoranthene

Concen: 2.39 ng/ul

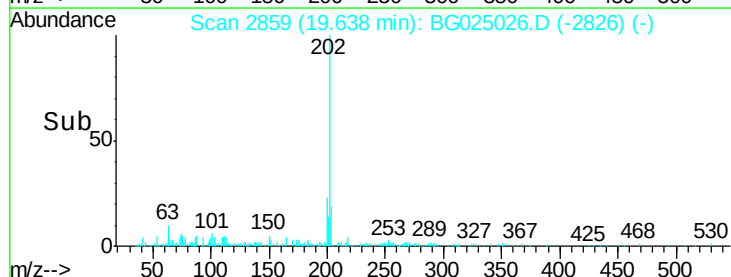
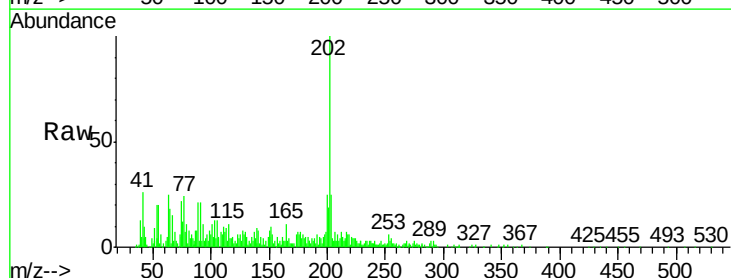
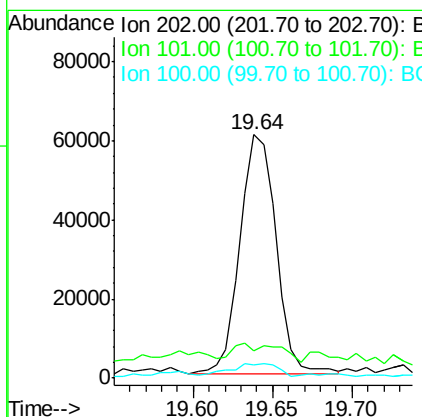
RT: 19.64 min Scan# 2859

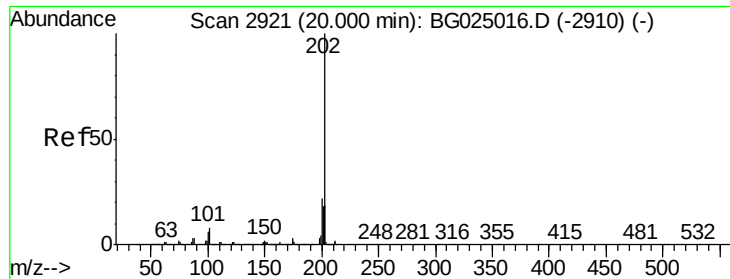
Delta R.T. -0.00 min

Lab File: BG025026.D

Acq: 9 Dec 2016 3:50

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	6.2	9.2#
100	5.7	5.2	7.8





#77

Pvrene

Concen: 2.67 ng/ul

RT: 20.00 min Scan# 2921

Delta R.T. 0.00 min

Lab File: BG025026.D

Acq: 9 Dec 2016 3:50

Instrument :

BNA_G

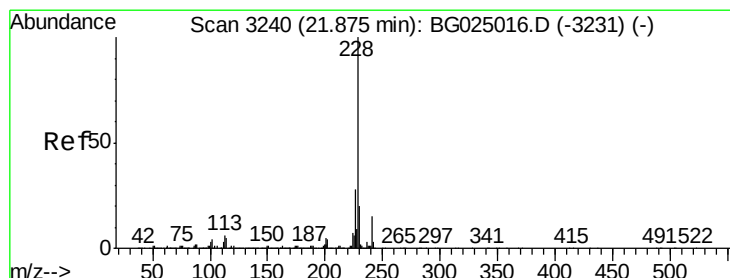
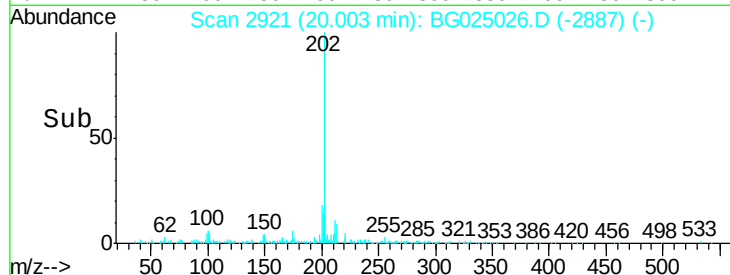
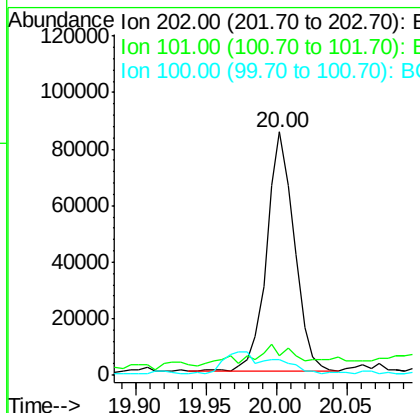
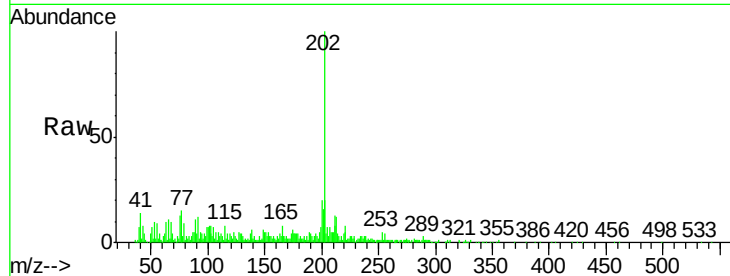
ClientSampleId :

DA7Z7

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.3	6.9	10.3
100	6.6	6.6	10.0#

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#80

Benzo(a)anthracene

Concen: 1.51 ng/ul

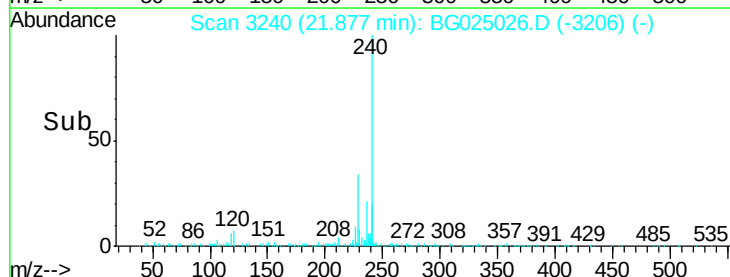
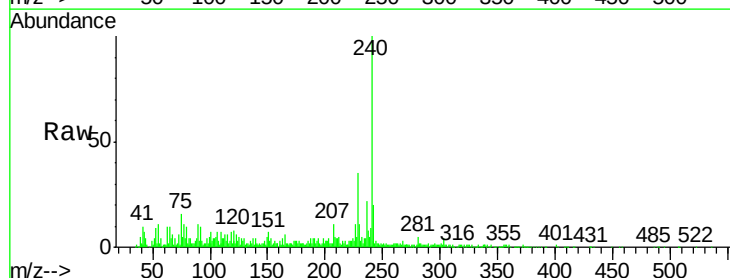
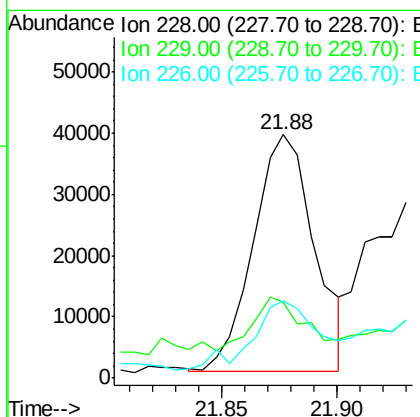
RT: 21.88 min Scan# 3240

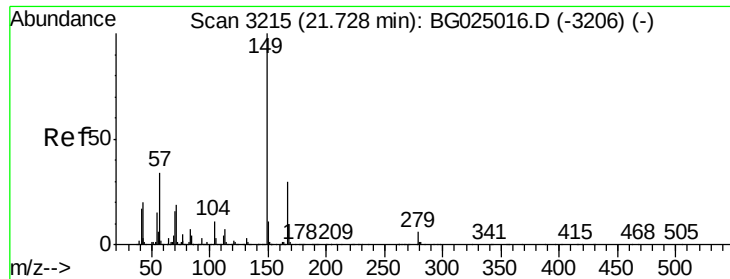
Delta R.T. 0.00 min

Lab File: BG025026.D

Acq: 9 Dec 2016 3:50

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	31.4	16.3	24.5#
226	31.7	21.9	32.9





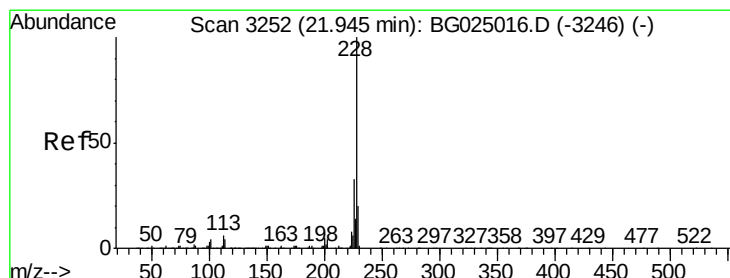
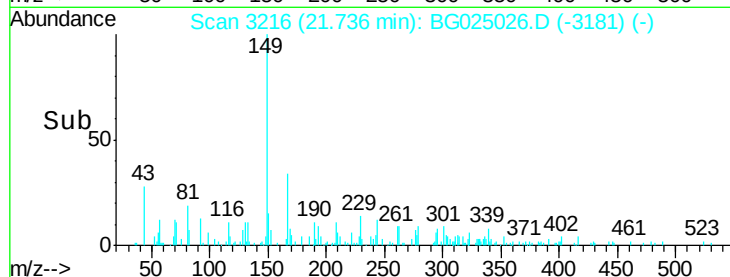
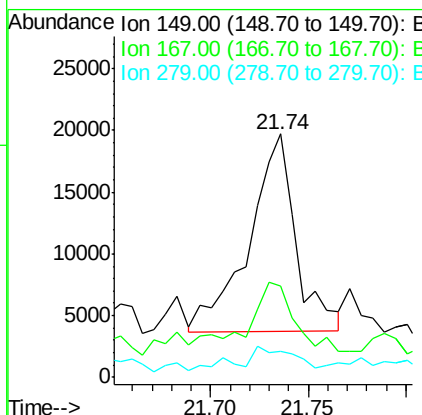
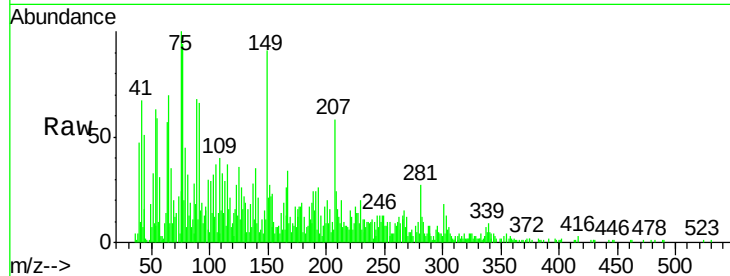
#81
Bis(2-ethylhexyl)phthalate
Concen: 1.12 ng/ul
RT: 21.74 min Scan# 3216
Delta R.T. 0.01 min
Lab File: BG025026.D
Acq: 9 Dec 2016 3:50

Instrument :
BNA_G
ClientSampled :
DA7Z7

Tot Ion	Ratio	Lower	Upper
149	100		
167	37.5	21.8	32.8#
279	10.6	4.5	6.7#

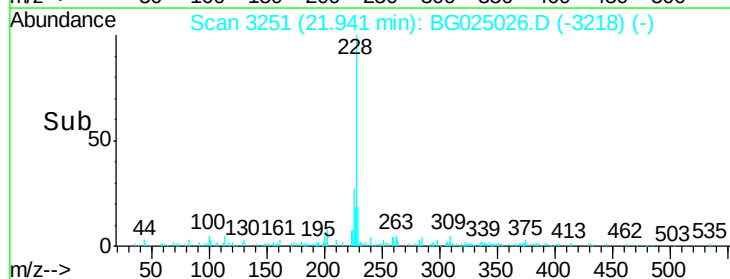
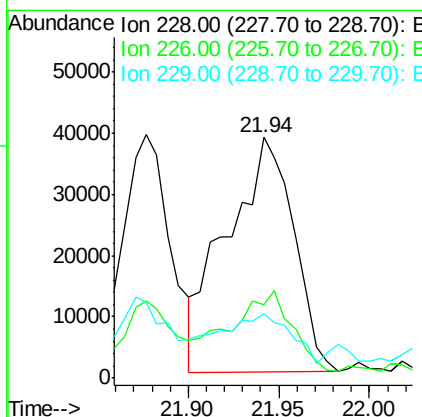
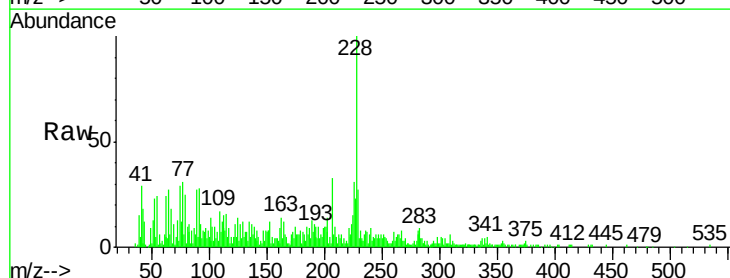
Manual Integrations
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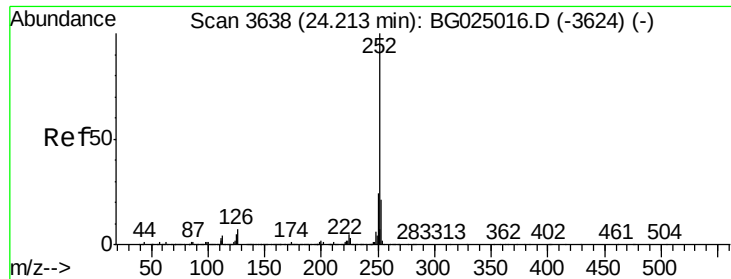
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#82
Chrysene
Concen: 2.21 ng/ul
RT: 21.94 min Scan# 3251
Delta R.T. -0.00 min
Lab File: BG025026.D
Acq: 9 Dec 2016 3:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.0	36.0
229	26.7	16.9	25.3#





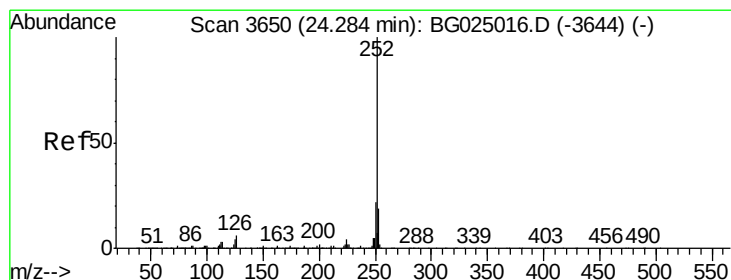
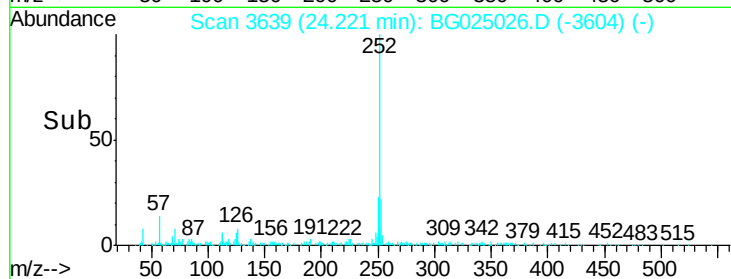
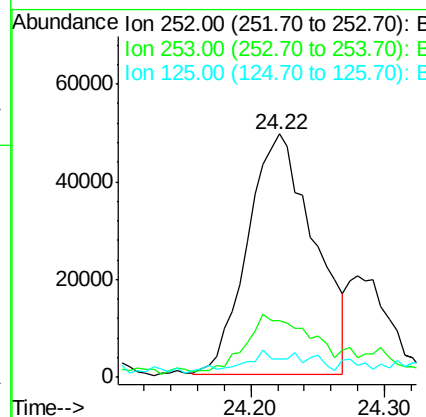
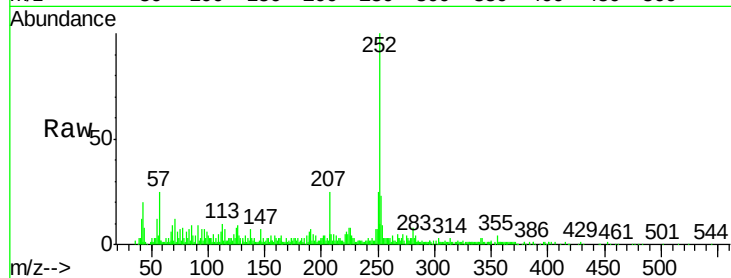
#85
Benzo(b)fluoranthene
Concen: 3.63 ng/ul
RT: 24.22 min Scan# 3639
Delta R.T. 0.01 min
Lab File: BG025026.D
Acq: 9 Dec 2016 3:50

Instrument :
BNA_G
ClientSampleId :
DA7Z7

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.7	26.5
125	7.6	4.0	6.0

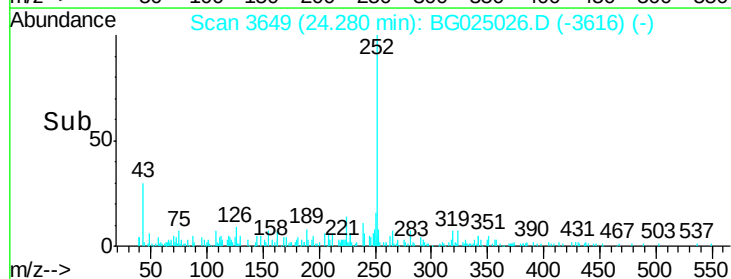
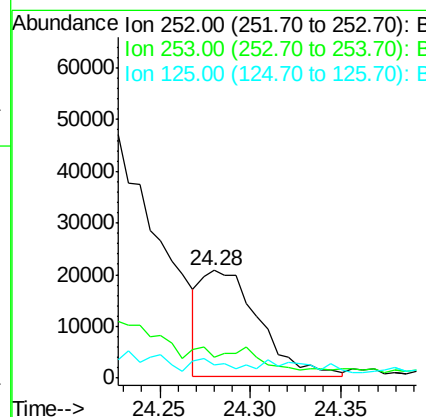
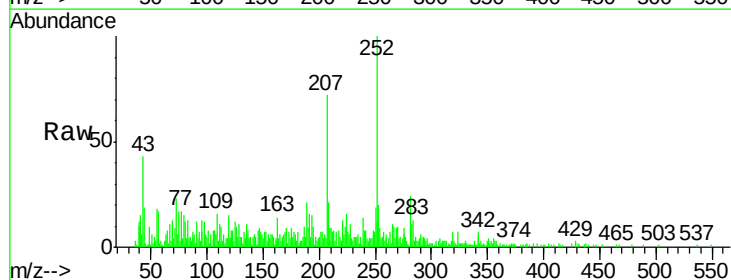
Manual Integrations
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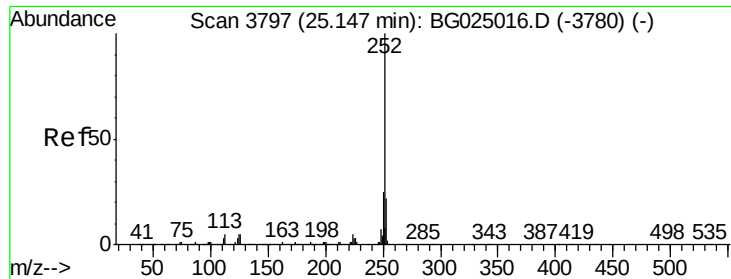
sohil
12/9/2016 3:41:09 PM



#86
Benzo(k)fluoranthene
Concen: 1.01 ng/ul
RT: 24.28 min Scan# 3649
Delta R.T. -0.00 min
Lab File: BG025026.D
Acq: 9 Dec 2016 3:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	19.8	18.5	27.7
125	11.7	4.1	6.1





#88

Benzo(a)pyrene

Concen: 2.45 ng/ul

RT: 25.15 min Scan# 3797

Delta R.T. 0.00 min

Lab File: BG025026.D

Acq: 9 Dec 2016 3:50

Instrument :

BNA_G

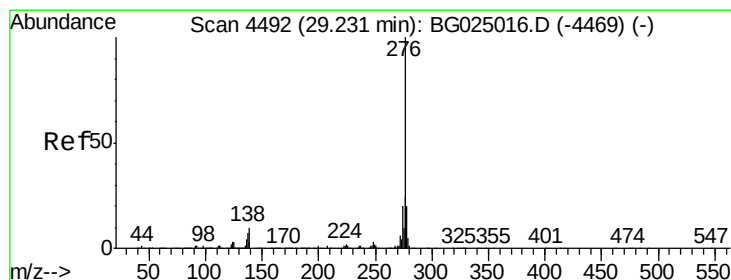
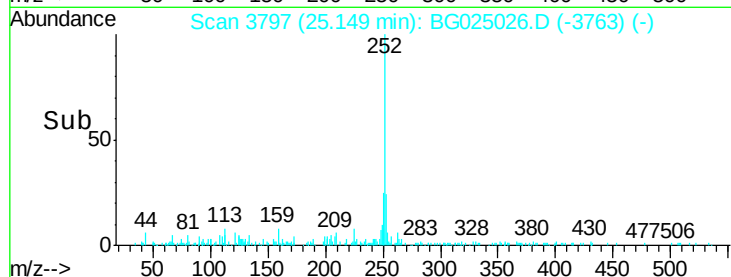
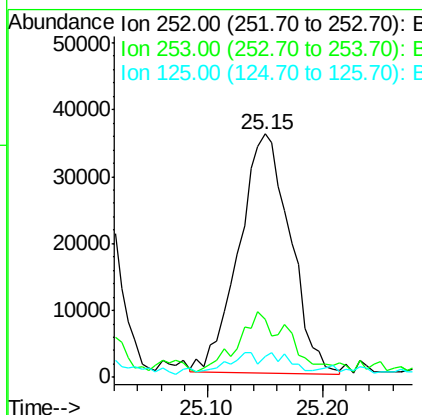
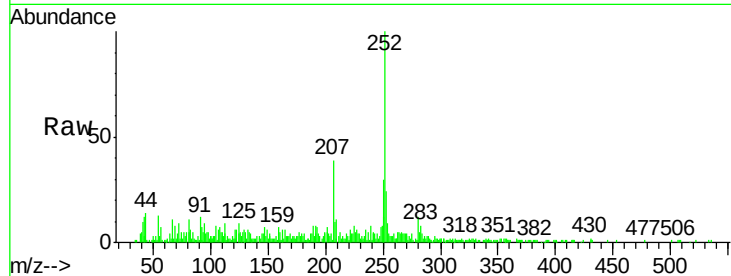
ClientSampleId :

DA7Z7

Tot Ion:	252	Resp:	110189
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.8	26.6
125	8.6	5.4	8.0#

Manual Integrations
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sohil
12/9/2016 3:41:09 PM



#89

Indeno(1,2,3-cd)pyrene

Concen: 1.41 ng/ul

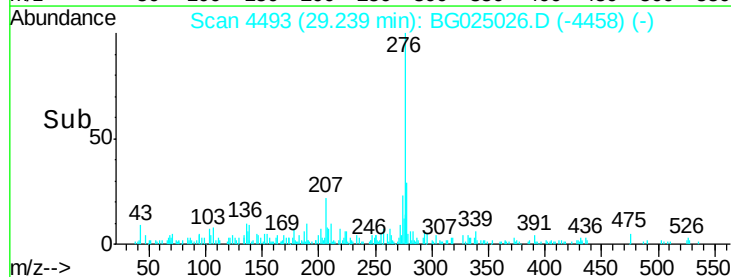
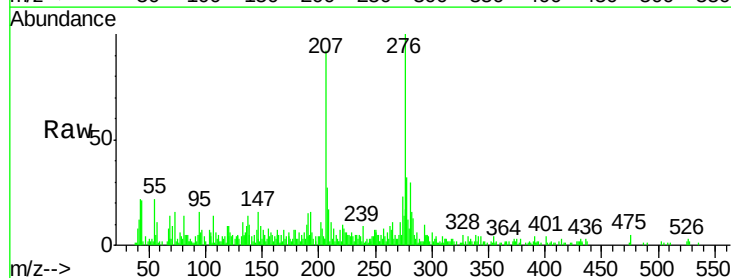
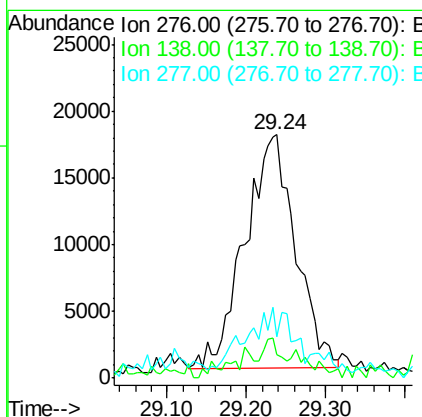
RT: 29.24 min Scan# 4493

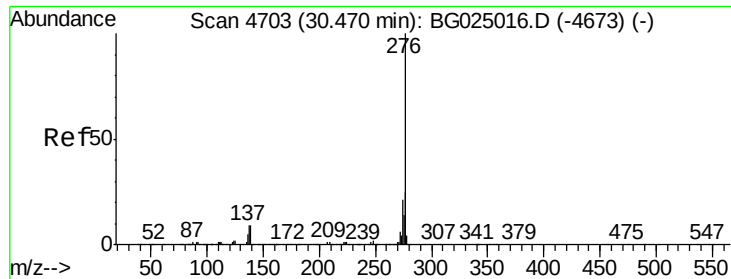
Delta R.T. 0.01 min

Lab File: BG025026.D

Acq: 9 Dec 2016 3:50

Tgt Ion:	276	Resp:	78481
Ion Ratio	Lower	Upper	
276	100		
138	9.6	8.2	12.4
277	16.8	18.6	28.0#





#91
 Benzo(a,h,i)perylene
 Concen: 2.60 ng/ul m
 RT: 30.46 min Scan# 4701
 Delta R.T. -0.01 min
 Lab File: BG025026.D
 Acq: 9 Dec 2016 3:50

Instrument :
 BNA_G
 ClientSampleId :
 DA7Z7

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	12.6	8.6	12.8
277	23.8	17.6	26.4

Manual Integrations
 APPROVED

sohil
 12/9/2016 3:41:09 PM

