

(QT Reviewed)

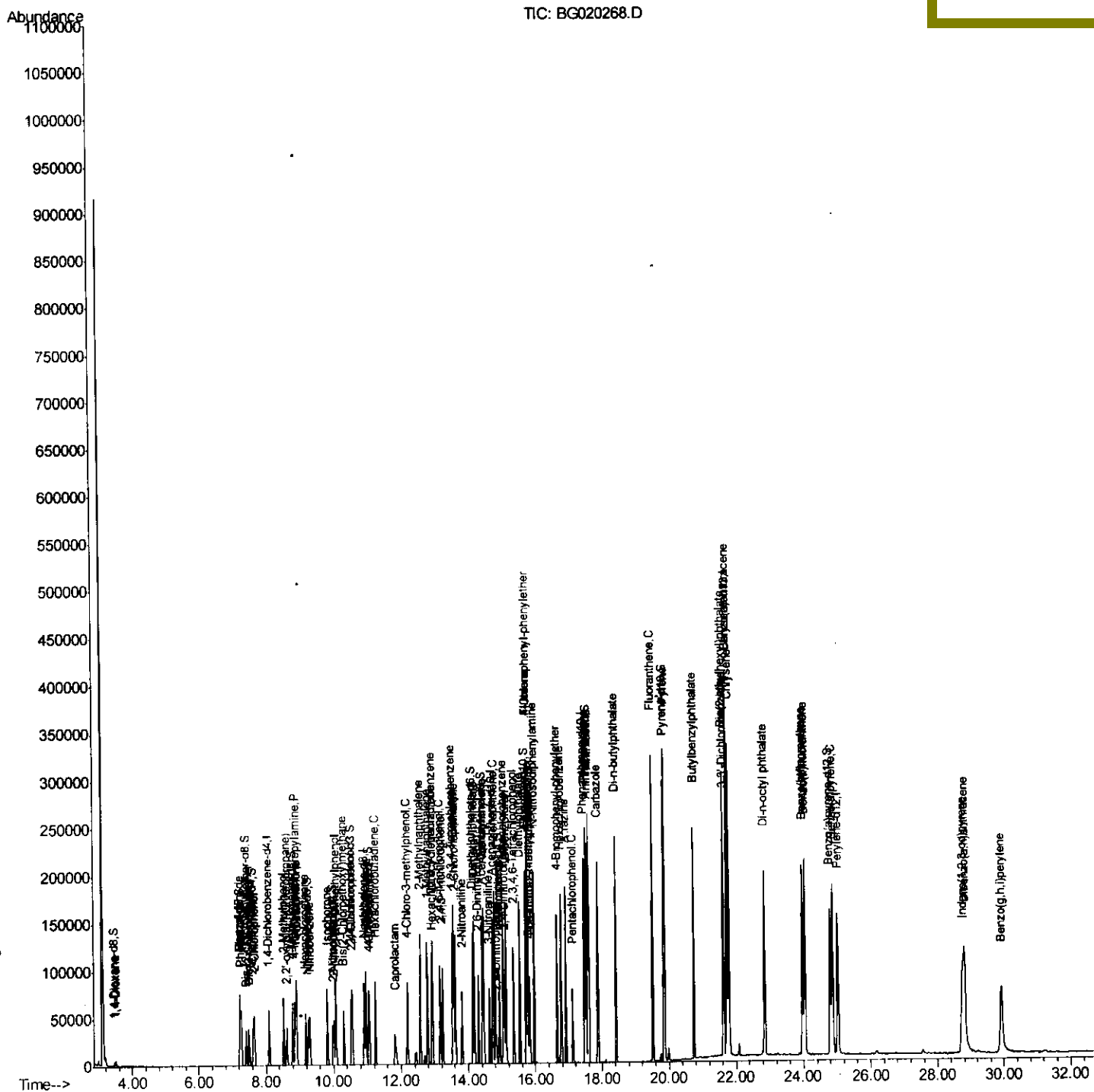
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Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\  
Data File : BG020268.D  
Acq On    : 18 Dec 2015 10:24  
Operator   : UM/SJ  
Sample     : SSTDCCC020  
Misc      :  
ALS Vial   : 2      Sample Multiplier: 1
```

Instrument :
BNA_G
LabSampleId :
SSTD02004

Quant Time: Dec 18 23:44:33 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 18 02:40:02 2015
Response via : Initial Calibration

Manual Integrations

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Quantitation Report (Qedit)

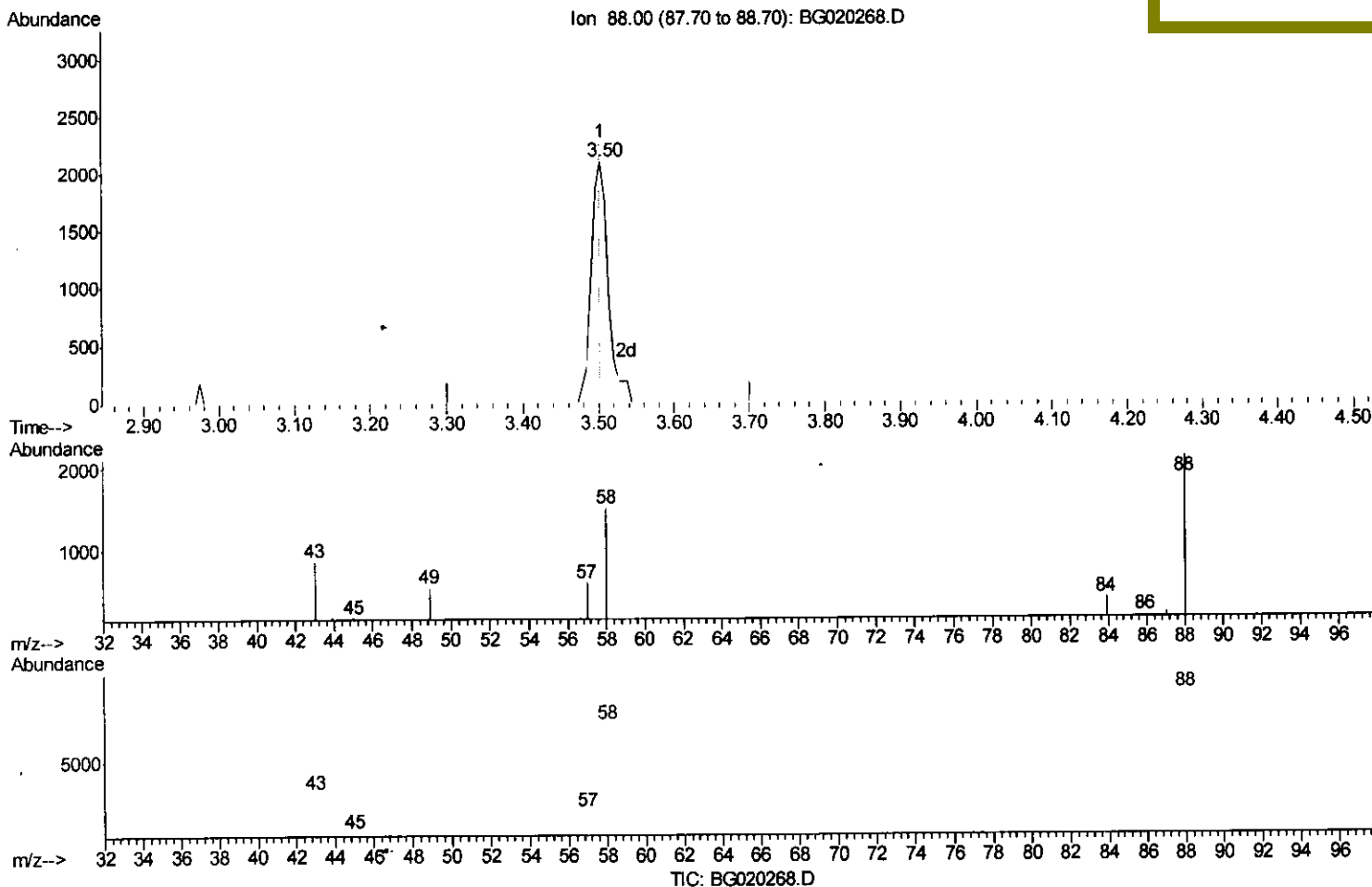
Data Path : Z:\HPCHEM1\BNA_G\Data\BG121915\
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 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
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Instrument :
 BNA_G
 LabSampleId :
 SSTD02004

Quant Time: Dec 18 23:40:06 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
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(2) 1,4-Dioxane

3.502min (+0.000) 6.83ng/uL

response 3113

Ion	Exp%	Act%
88.00	100	100
43.00	34.80	41.16
58.00	74.90	71.22
0.00	0.00	0.00

Quantitation Report (Qedit)

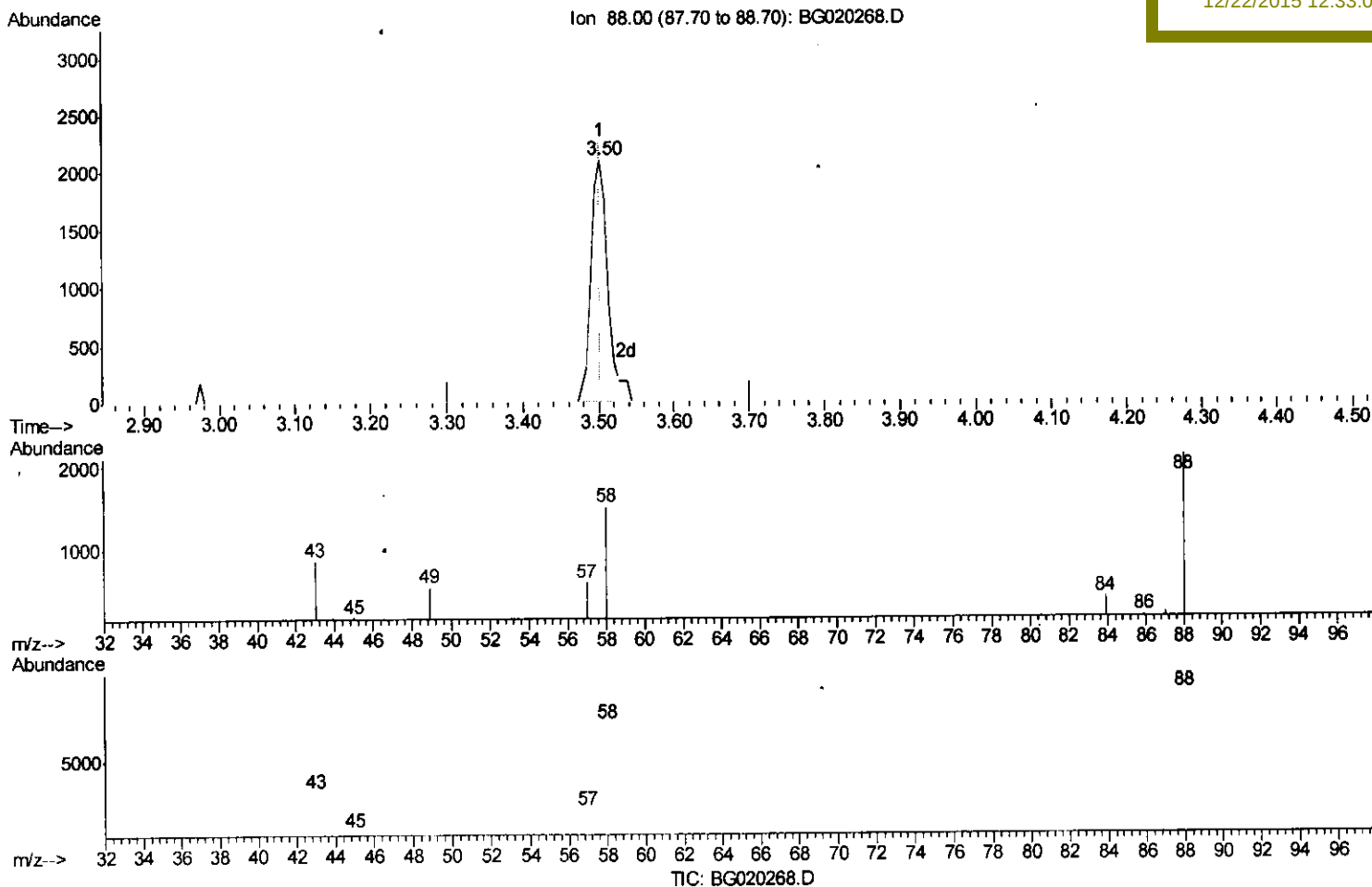
Data Path : Z:\HPCHEM1\BNA_G\Data\BG121915\
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 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02004

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(2) 1,4-Dioxane

3.502min (+0.000) 6.97ng/uL m (1), M

response 3177

Ion	Exp%	Act%
88.00	100	100
43.00	34.80	41.16
58.00	74.90	71.22
0.00	0.00	0.00

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Quantitation Report (Qedit)

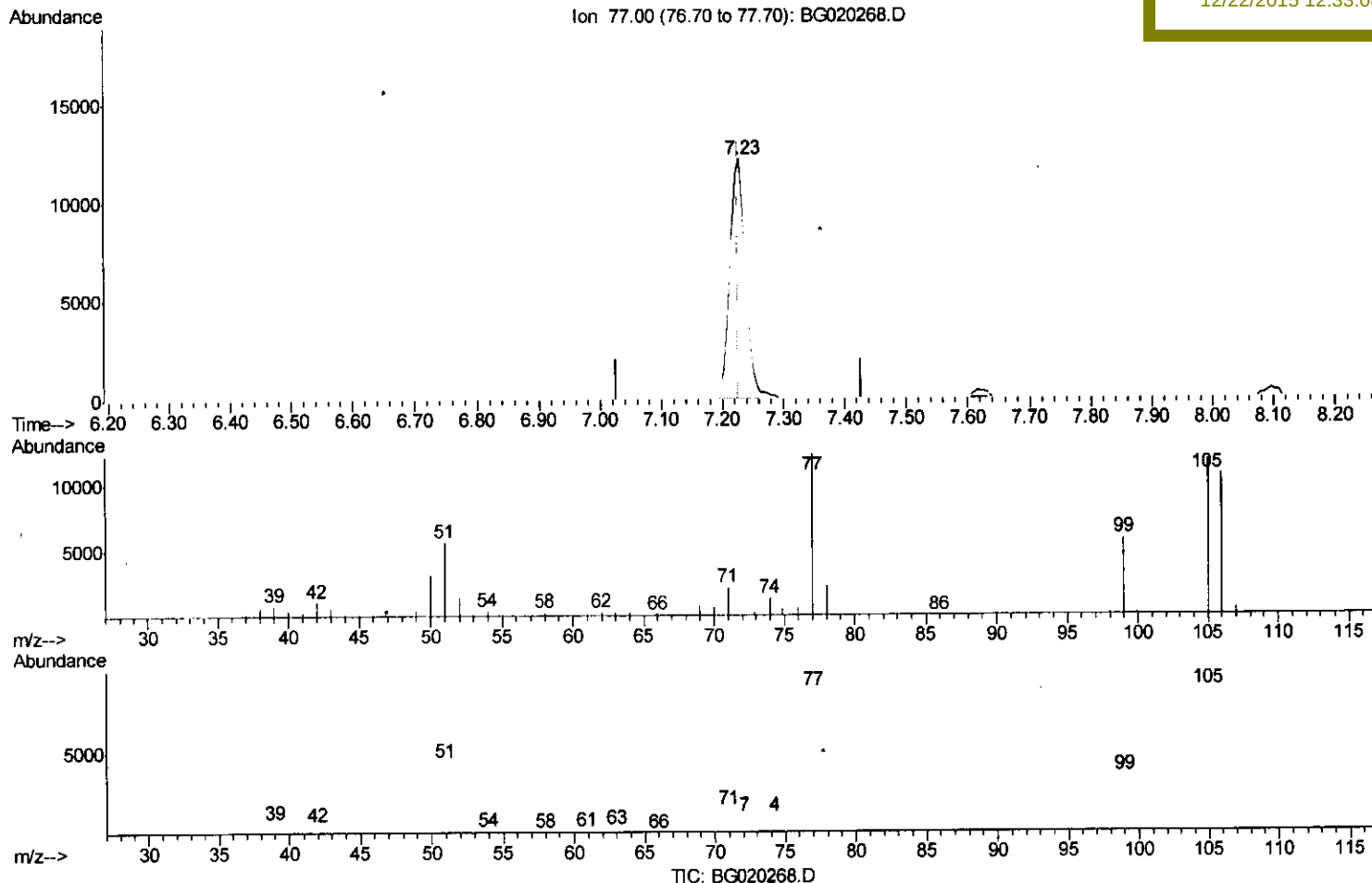
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(4) Benzaldehyde

7.227min (+0.000) 21.34ng/ul

response 20749

Ion	Exp%	Act%
77.00	100	100
105.00	97.20	95.91
106.00	90.80	87.30
0.00	0.00	0.00

Quantitation Report (Qedit)

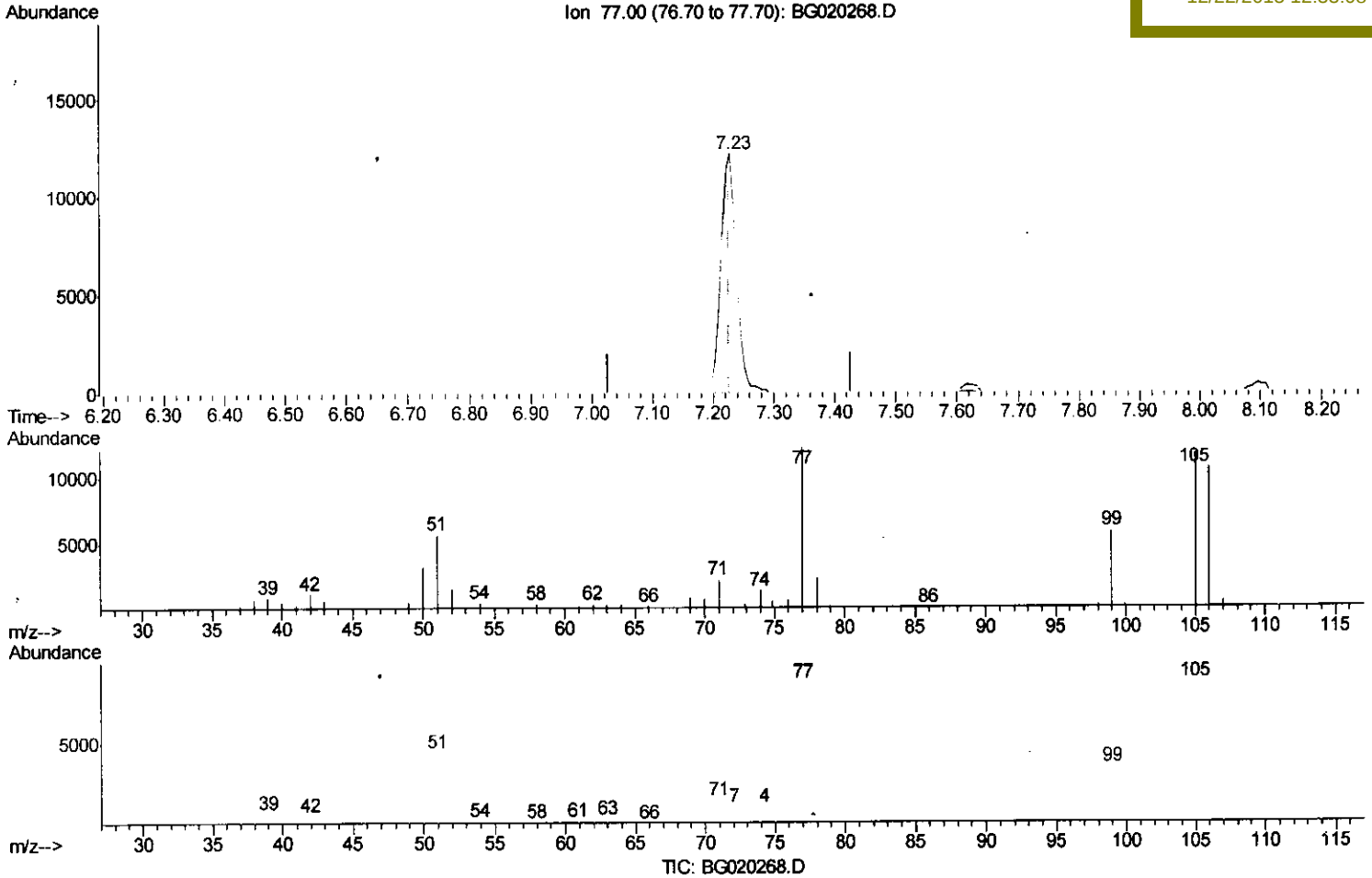
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Manual Integrations
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(4) Benzaldehyde

7.227min (+0.000) 21.58ng/ul m U.M

response 20979

12/22/15

Ion	Exp%	Act%
77.00	100	100
105.00	97.20	95.91
106.00	90.80	87.30
0.00	0.00	0.00

Quantitation Report (Qedit)

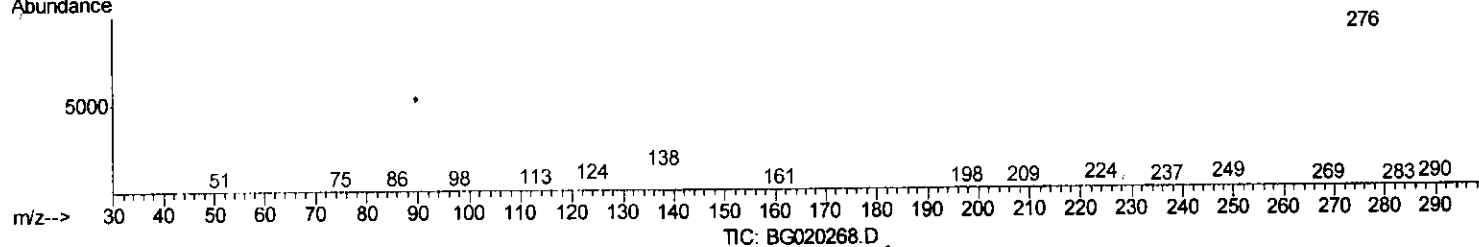
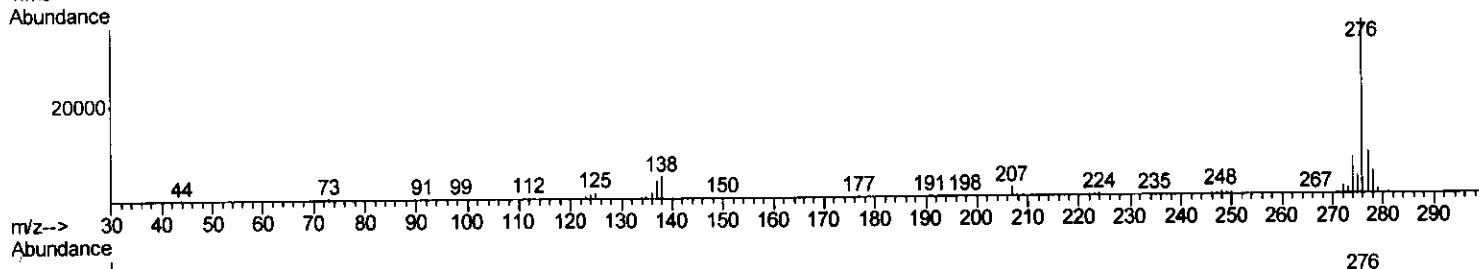
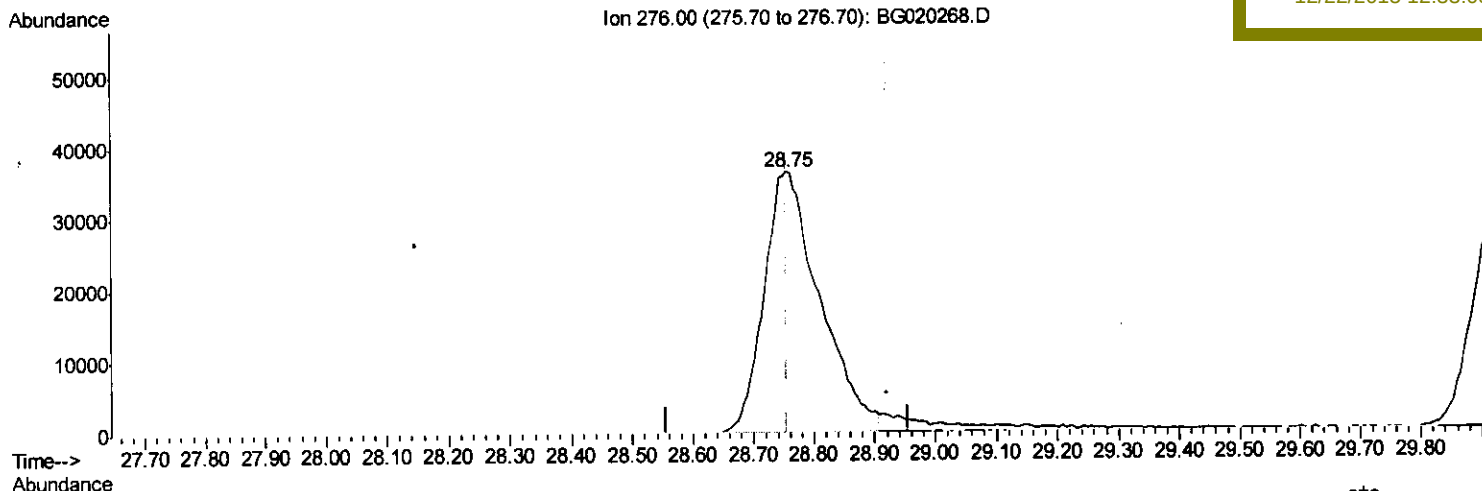
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 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 LabSampleID :
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Manual Integrations
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(92) Indeno(1,2,3-cd)pyrene

28.755min (+0.000) 20.21ng/ul

response 231688

Ion	Exp%	Act%
276.00	100	100
138.00	14.20	13.32
277.00	21.70	24.09
0.00	0.00	0.00

Quantitation Report (Qedit)

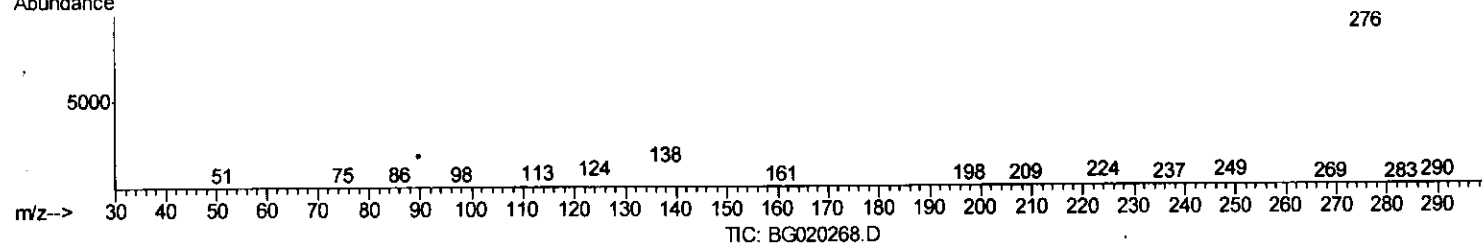
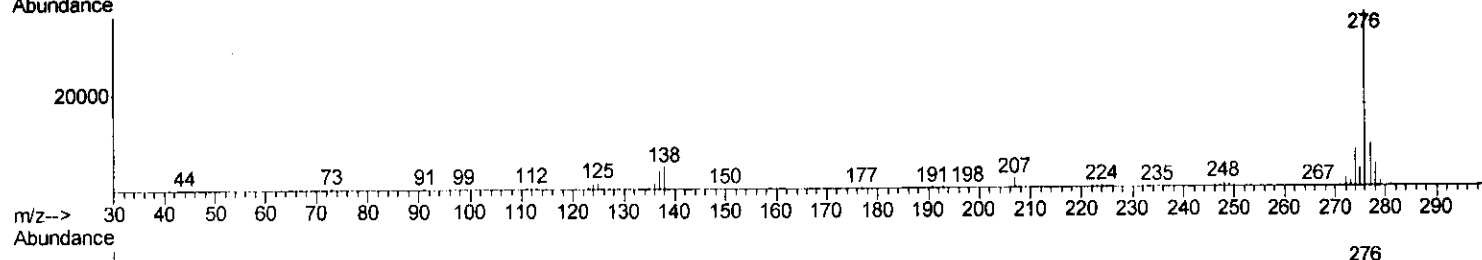
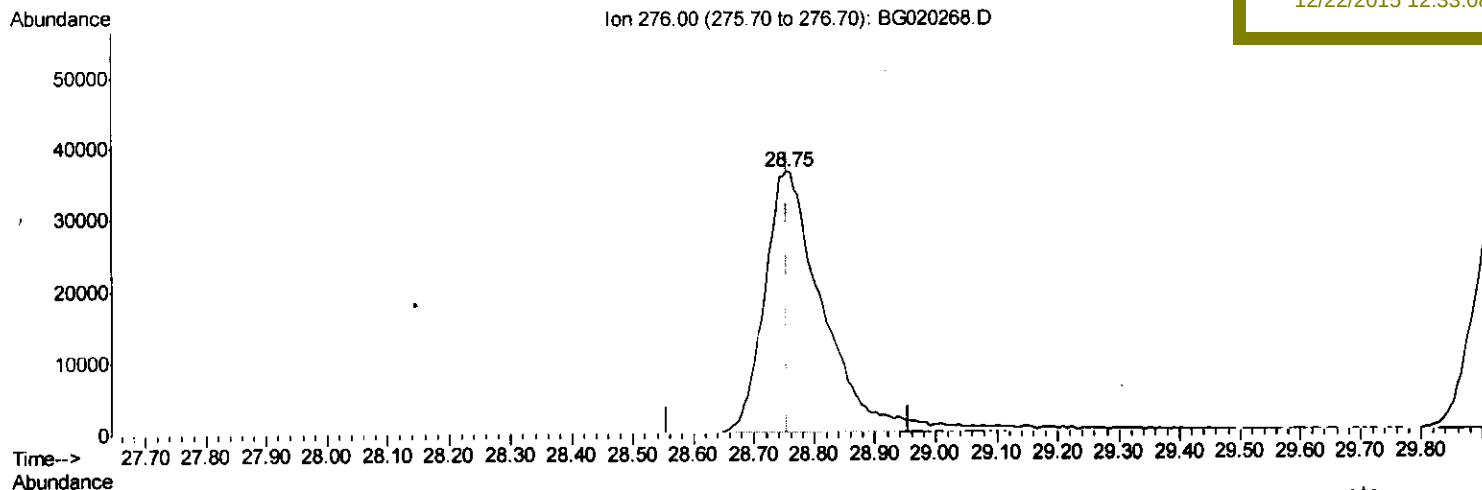
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 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleID :
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(92) Indeno(1,2,3-cd)pyrene

28.755min (+0.000) 20.60ng/ul m

response 236229

Ion	Exp%	Act%
276.00	100	100
138.00	14.20	13.32
277.00	21.70	24.09
0.00	0.00	0.00

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Quantitation Report (Qedit)

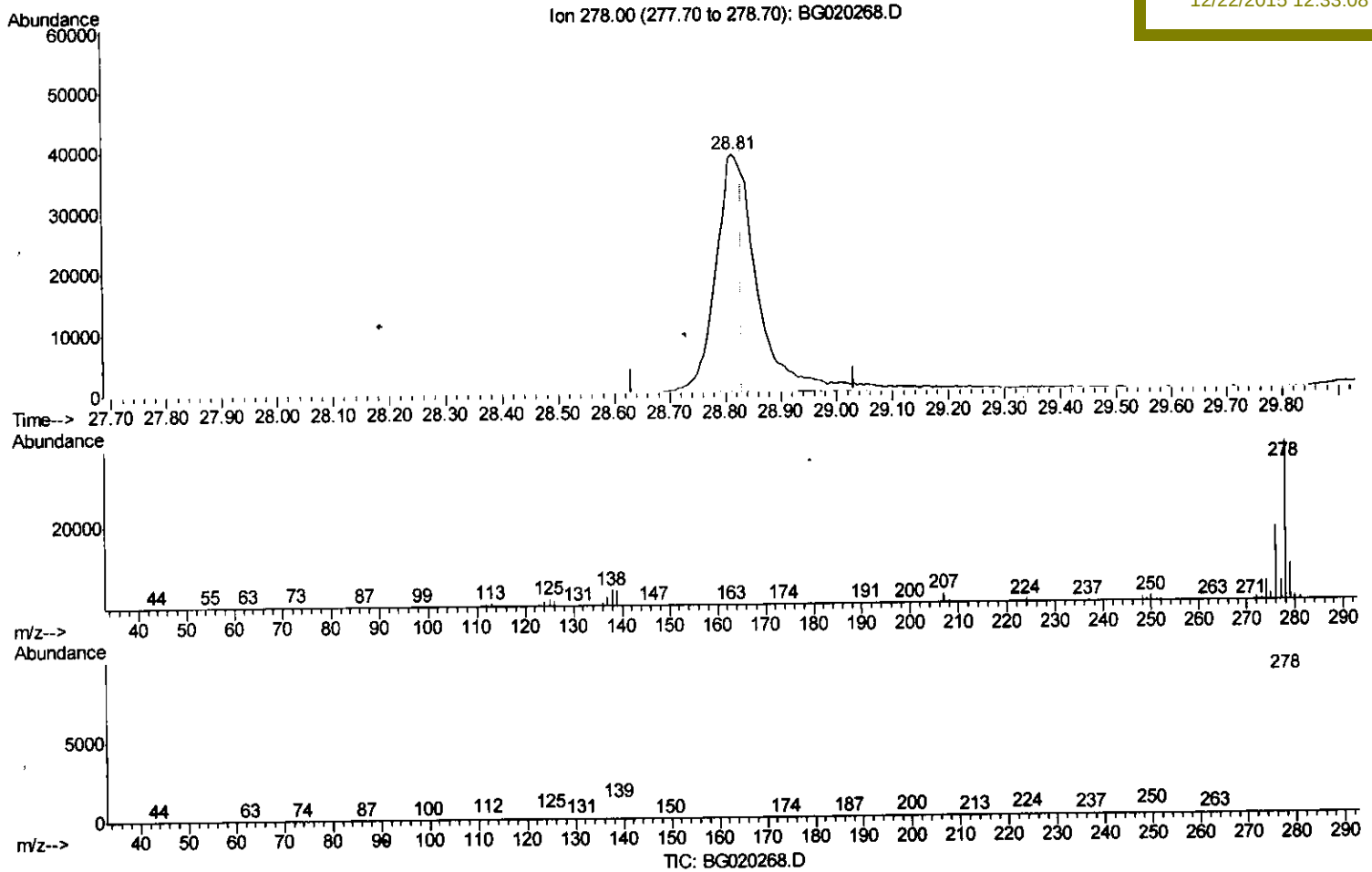
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Acq On : 18 Dec 2015 10:24
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

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Instrument :
BNA_G
LabSampleId :
SSTD02004

Manual Integrations
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(93) Dibenzo(a,h)anthracene

28.814min (-0.018) 20.46ng/ui

response 194699

Ion	Exp%	Act%
278.00	100	100
139.00	11.80	9.82
279.00	24.20	22.75
0.00	0.00	0.00

Quantitation Report (Qedit)

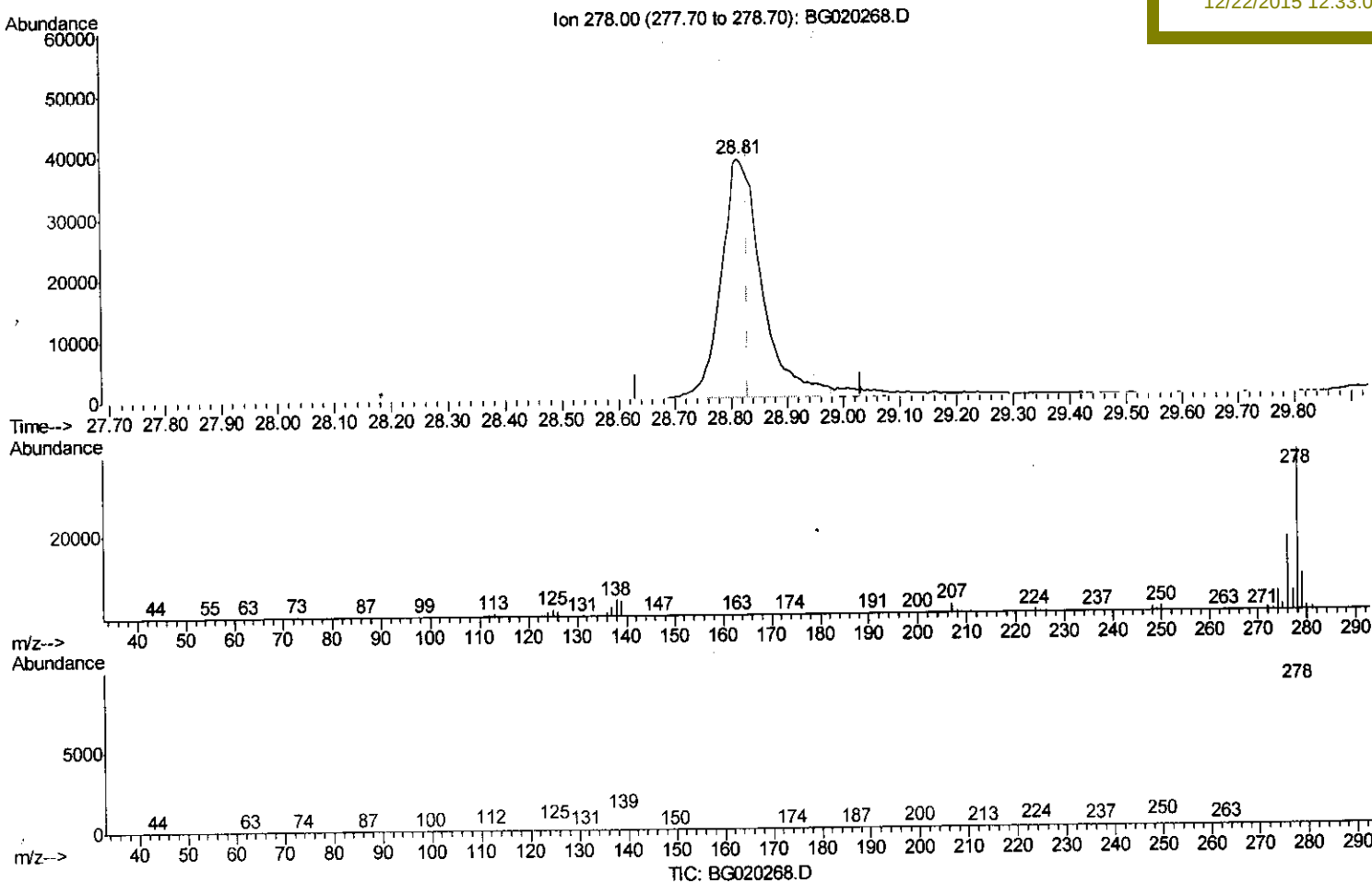
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 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 LabSampleId :
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Manual Integrations
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(93) Dibenzo(a,h)anthracene

28.814min (-0.018) 21.05ng/ul m U.M

response 200316

12/22/15

Ion	Exp%	Act%
278.00	100	100
139.00	11.80	9.82
279.00	24.20	22.75
0.00	0.00	0.00

Quantitation Report (Qedit)

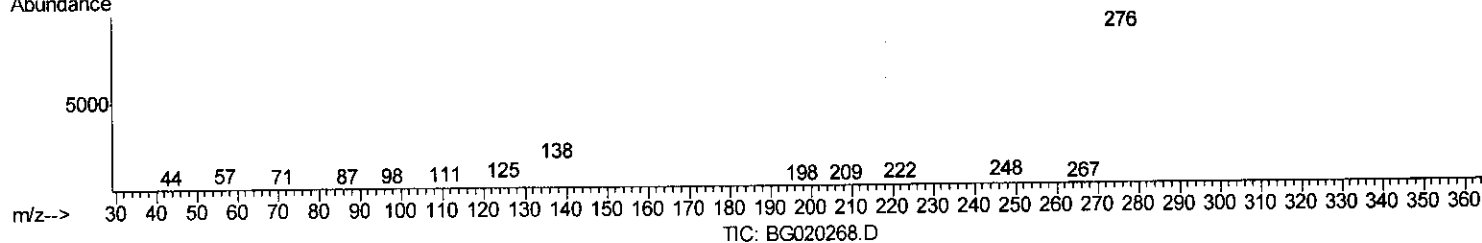
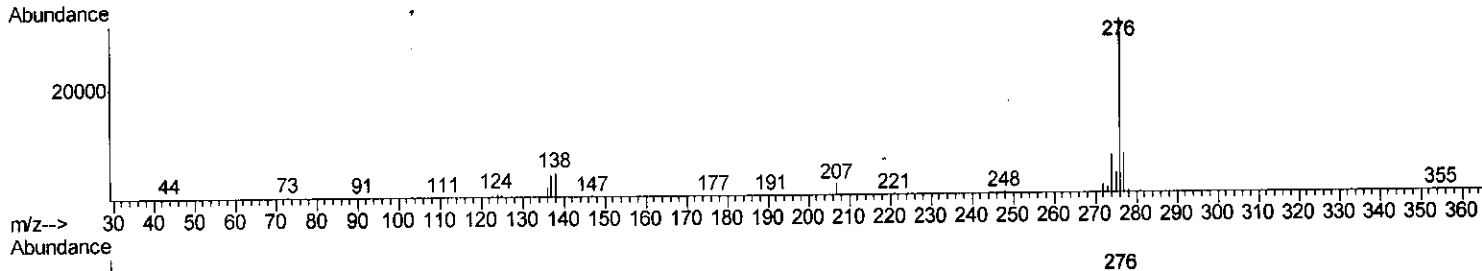
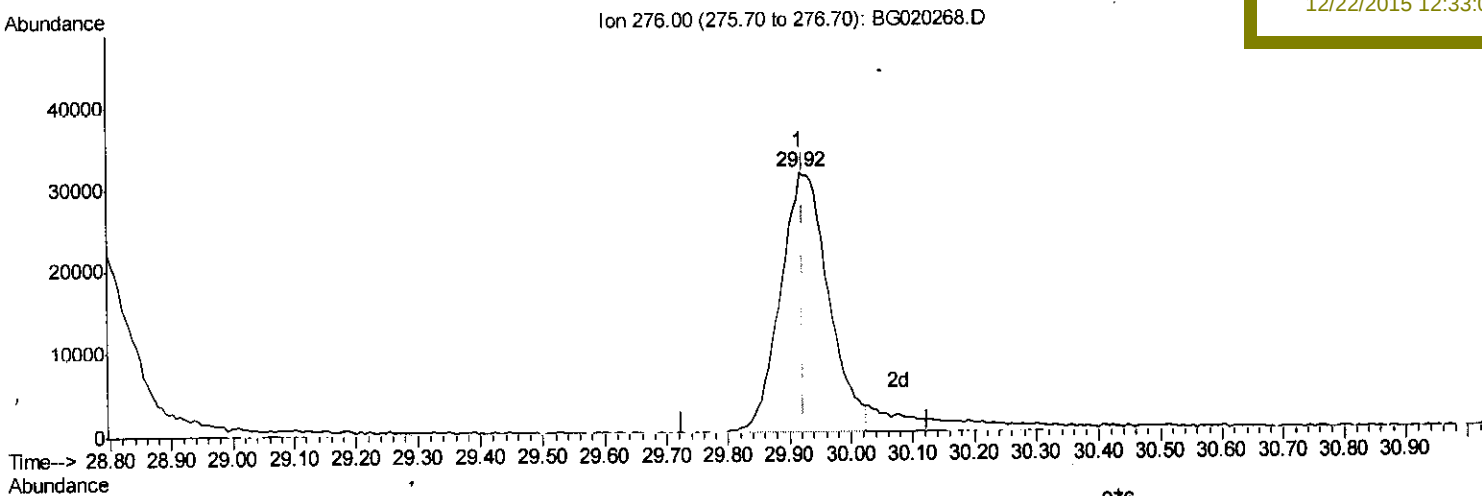
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(94) Benzo(g,h,i)perylene

29.918min (-0.006) 18.39ng/ul

response 172816

Ion	Exp%	Act%
276.00	100	100
138.00	13.50	14.31
277.00	24.90	22.83
0.00	0.00	0.00

Quantitation Report (Qedit)

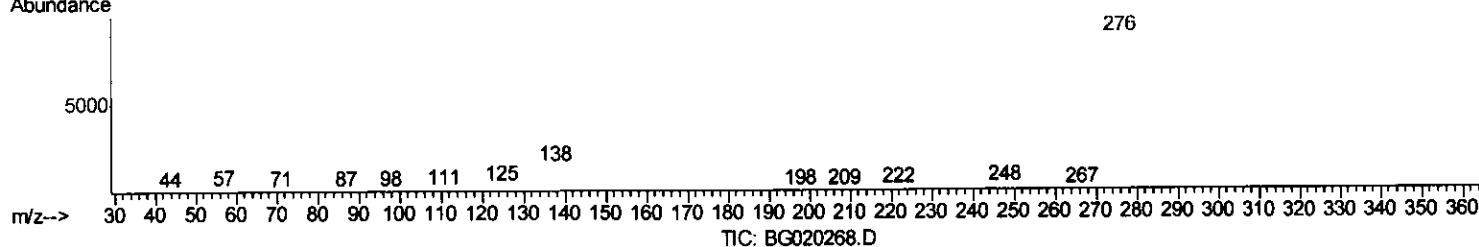
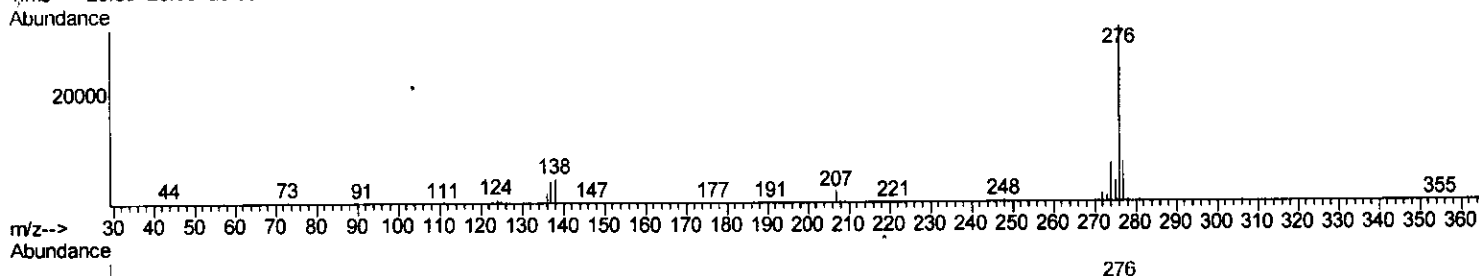
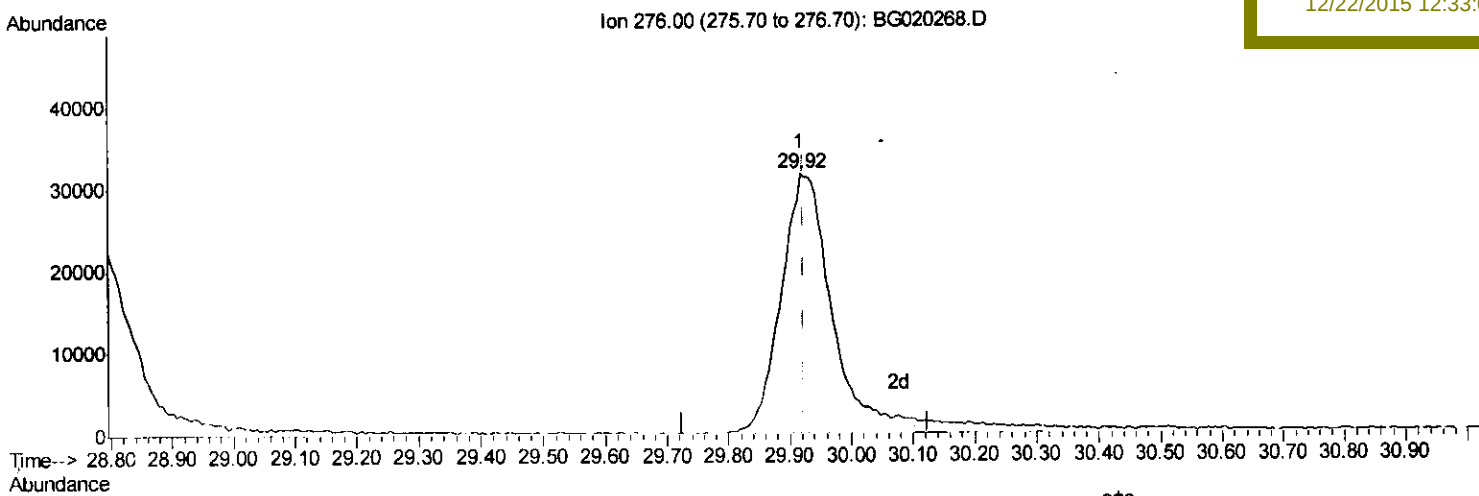
Data Path : Z:\HPCHEM1\BNA_G\Data\BG121915\
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 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA G
 LabSampleId :
 SSTD02004

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Manual Integrations
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(94) Benzo(g,h,i)perylene

29.918min (-0.006) 19.44ng/ul m

response 182685

Ion	Exp%	Act%
276.00	100	100
138.00	13.50	14.31
277.00	24.90	22.83
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	17033	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	74447	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	54477	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	144475	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	182631	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	168755	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	2345	7.60	ng/uL	0.00
5) Phenol-d5	7.24	99	29520	19.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	18512	20.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	23745	21.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	25933	20.19	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	12373	21.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	14362	22.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	28483	21.78	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	34011	23.15	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	94868	21.53	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	109655	21.39	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	16172	20.46	ng/ul	0.00
58) Fluorene-d10	15.72	176	86693	21.69	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	15950	18.62	ng/ul	0.00
71) Anthracene-d10	17.57	188	140729	21.14	ng/ul	0.00
79) Pyrene-d10	19.85	212	166220	19.53	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	183483	21.80	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.50	88	3177m	6.97	ng/uL	
4) Benzaldehyde	7.23	77	20979m	21.58	ng/ul	
6) Phenol	7.27	94	32455	20.18	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.50	93	23360	21.17	ng/ul	98
10) 2-Chlorophenol	7.66	128	24178	21.13	ng/ul	95
11) 2-Methylphenol	8.53	108	24900	20.29	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.63	45	31335	19.71	ng/ul#	96
14) Acetophenone	8.92	105	42259	21.01	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.90	70	22023	20.68	ng/ul	94
16) 4-Methylphenol	8.85	108	27596	20.32	ng/ul	98
17) Hexachloroethane	9.18	117	9924	20.64	ng/ul	95
20) Nitrobenzene	9.30	77	31755	20.65	ng/ul	99
21) Isophorone	9.82	82	60516	20.61	ng/ul	99
23) 2-Nitrophenol	10.01	139	15228	21.99	ng/ul	96
24) 2,4-Dimethylphenol	10.07	107	33431	21.26	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.31	93	33905	21.32	ng/ul#	96
27) 2,4-Dichlorophenol	10.55	162	28850	21.47	ng/ul	95
28) Naphthalene	10.96	128	85562	22.01	ng/ul	99
30) 4-Chloroaniline	11.06	127	34153	22.77	ng/ul	99
31) Hexachlorobutadiene	11.24	225	22388	22.35	ng/ul	95
32) Caprolactam	11.82	113	9720	20.50	ng/ul	95
33) 4-Chloro-3-methylphenol	12.18	107	31990	20.04	ng/ul	89
34) 2-Methylnaphthalene	12.56	142	64881	21.85	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.78	142	61499	21.54	ng/ul	94
37) 1,2,4,5-Tetrachlorobenzene	12.93	216	44670	21.85	ng/ul	97
38) Hexachlorocyclopentadiene	12.90	237	18269	14.46	ng/ul	97
39) 2,4,6-Trichlorophenol	13.16	196	27777	21.18	ng/ul	97
40) 2,4,5-Trichlorophenol	13.23	196	31205	21.41	ng/ul	99
41) 1,1'-Biphenyl	13.56	154	88886	21.63	ng/ul	95
42) 2-Chloronaphthalene	13.61	162	70868	21.54	ng/ul	98
43) 2-Nitroaniline	13.81	65	22345	19.97	ng/ul	88
45) Dimethylphthalate	14.17	163	95675	21.26	ng/ul	98
46) 2,6-Dinitrotoluene	14.30	165	19977	21.46	ng/ul	96
48) Acenaphthylene	14.45	152	117532	21.58	ng/ul	98
49) 3-Nitroaniline	14.62	138	20246	22.40	ng/ul	85
50) Acenaphthene	14.79	153	78995	21.56	ng/ul	98
51) 2,4-Dinitrophenol	14.83	184	8719	16.46	ng/ul	91
53) 4-Nitrophenol	14.93	109	15298	20.12	ng/ul	94
54) Dibenzofuran	15.12	168	117626	21.58	ng/ul	99
55) 2,4-Dinitrotoluene	15.08	165	29609	21.67	ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	15.35	232	29862	21.31	ng/ul	98
57) Diethylphthalate	15.53	149	100349	21.49	ng/ul	98
59) Fluorene	15.77	166	95360	21.78	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.76	204	54094	21.91	ng/ul	95
61) 4-Nitroaniline	15.79	138	21823	22.34	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.85	198	17256	18.77	ng/ul	93
65) N-Nitrosodiphenylamine	15.98	169	85366	21.25	ng/ul	98
66) 4-Bromophenyl-phenylether	16.66	248	37160	21.92	ng/ul	96
67) Hexachlorobenzene	16.77	284	40115	22.03	ng/ul#	88
68) Atrazine	16.92	200	37038	21.62	ng/ul	96
69) Pentachlorophenol	17.12	266	17540	15.97	ng/ul	94
70) Phenanthrene	17.52	178	168803	21.36	ng/ul	99
72) Anthracene	17.60	178	171842	21.44	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.53	216	47773	21.11	ng/uL	95
74) Pentachlorobenzene	15.04	250	46241	22.03	ng/uL	96
75) Carbazole	17.87	167	148582	22.06	ng/ul	99
76) Di-n-butylphthalate	18.42	149	173798	22.21	ng/ul	100
77) Fluoranthene	19.52	202	215818	23.37	ng/ul	99
80) Pyrene	19.88	202	220212	19.92	ng/ul	98
81) Butylbenzylphthalate	20.76	149	79252	20.63	ng/ul	90
82) 3,3'-Dichlorobenzidine	21.64	252	75780	22.71	ng/ul	95
83) Benzo(a)anthracene	21.73	228	227770	21.37	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	112779	20.54	ng/ul	99
85) Chrysene	21.79	228	213654	21.29	ng/ul	99
87) Di-n-octyl phthalate	22.84	149	190598	20.56	ng/ul	100
88) Benzo(b)fluoranthene	23.98	252	211980	20.87	ng/ul	97
89) Benzo(k)fluoranthene	24.04	252	208808	21.42	ng/ul	97
91) Benzo(a)pyrene	24.87	252	211732	21.99	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	28.75	276	236229m	20.60	ng/ul	
93) Dibenzo(a,h)anthracene	28.81	278	200316m	21.05	ng/ul	
94) Benzo(a,h,i)perylene	29.92	276	182685m	19.44	ng/ul	

UM
 12/22/15

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
 Data File : BG020268.D
 Acq On : 18 Dec 2015 10:24
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
LabSampleId :
 SSTD02004

Quant Time: Dec 18 23:44:33 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 18 02:40:02 2015
 Response via : Initial Calibration

**Manual Integrations
 APPROVED**

apatel
 12/22/2015 12:33:08 PM

Internal Standards	R.T. QIon	Response	Conc	Units	Dev(Min)

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