Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
Data File : BG020631.D
Acq On : 31 Dec 2015 6:15
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 31 08:27:47 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 31 03:43:50 2015
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02008

Manual Integrations APPROVED
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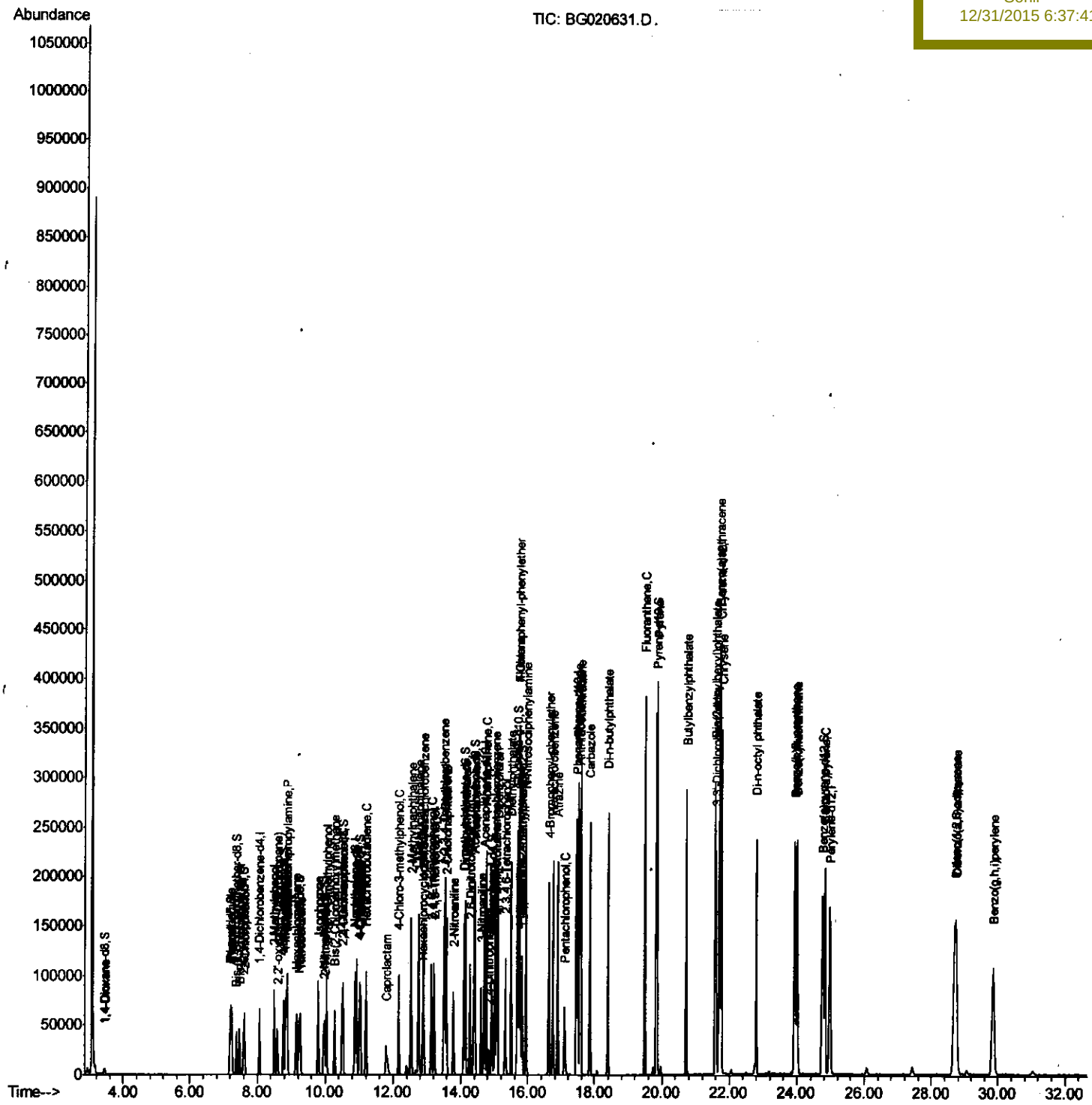

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12/31/2015 6:37:41 PM

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

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

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.74	142	74006	21.88 ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.89	216	56039	21.77 ng/ul	98
38) Hexachlorocyclopentadiene	12.87	237	14044	15.16 ng/ul	97
39) 2,4,6-Trichlorophenol	13.13	196	30931	21.45 ng/ul	98
40) 2,4,5-Trichlorophenol	13.21	196	33597	21.23 ng/ul	96
41) 1,1'-Biphenyl	13.53	154	108777	21.62 ng/ul	98
42) 2-Chloronaphthalene	13.58	162	86458	21.35 ng/ul	99
43) 2-Nitroaniline	13.78	65	26040	22.42 ng/ul	96
45) Dimethylphthalate	14.14	163	118727	21.24 ng/ul	99
46) 2,6-Dinitrotoluene	14.27	165	24717	21.30 ng/ul	98
48) Acenaphthylene	14.42	152	143176	21.63 ng/ul	98
49) 3-Nitroaniline	14.61	138	23435	22.22 ng/ul#	97
50) Acenaphthene	14.76	153	95493	21.32 ng/ul	99
51) 2,4-Dinitrophenol	14.82	184	7963	16.28 ng/ul	95
53) 4-Nitrophenol	14.92	109	16140	21.31 ng/ul	98
54) Dibenzofuran	15.09	168	145252	21.46 ng/ul	100
55) 2,4-Dinitrotoluene	15.06	165	36644	21.65 ng/ul#	98
56) 2,3,4,6-Tetrachlorophenol	15.32	232	31253	21.19 ng/ul#	97
57) Diethylphthalate	15.50	149	122184	21.21 ng/ul	98
59) Fluorene	15.74	166	115633	21.24 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.73	204	67193	21.35 ng/ul	98
61) 4-Nitroaniline	15.77	138	24888	21.58 ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.83	198	22288	20.07 ng/ul#	95
65) N-Nitrosodiphenylamine	15.95	169	102338	21.71 ng/ul	100
66) 4-Bromophenyl-phenylether	16.62	248	45287	21.77 ng/ul	97
67) Hexachlorobenzene	16.75	284	49383	21.63 ng/ul	100
68) Atrazine	16.89	200	44908	21.56 ng/ul	98
69) Pentachlorophenol	17.10	266	16478	17.92 ng/ul	95
70) Phenanthrene	17.49	178	201107	21.61 ng/ul	98
72) Anthracene	17.57	178	205428	21.58 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	60083	22.10 ng/uL	95
74) Pentachlorobenzene	15.01	250	56540	21.77 ng/uL	98
75) Carbazole	17.84	167	175578	21.86 ng/ul	98
76) Di-n-butylphthalate	18.39	149	203382	21.58 ng/ul	100
77) Fluoranthene	19.49	202	247550	21.77 ng/ul	99
80) Pyrene	19.85	202	255370	21.78 ng/ul	98
81) Butylbenzylphthalate	20.72	149	88679	21.49 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.61	252	85501	22.18 ng/ul	98
83) Benzo(a)anthracene	21.69	228	257431	21.74 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	128380	21.64 ng/ul	100
85) Chrysene	21.76	228	239803	21.51 ng/ul	99
87) Di-n-octyl phthalate	22.80	149	226152	22.11 ng/ul	100
88) Benzo(b)fluoranthene	23.93	252	248334	21.47 ng/ul	98
89) Benzo(k)fluoranthene	24.00	252	244802	22.08 ng/ul	99
91) Benzo(a)pyrene	24.82	252	238076	21.42 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.70	276	287250	21.67 ng/ul	98
93) Dibenzo(a,h)anthracene	28.74	278	240733	21.77 ng/ul	96
94) Benzo(g,h,i)perylene	29.87	276	235924m	21.66 ng/ul	

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12/31/15

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QLast Update : Thu Dec 31 03:43:50 2015
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Instrument : BNA_G
LabSampleId : SSTD02008

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	19534	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	88424	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	66855	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	171180	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	202389	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	194820	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	2888	8.86	ng/uL	0.00
5) Phenol-d5	7.22	99	35285	21.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	21245	21.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	27252	21.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	30800	21.76	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	14779	21.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	16900	21.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	33123	21.99	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	41388	23.14	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	116223	21.24	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	134651	21.66	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	17276	20.14	ng/ul	0.00
58) Fluorene-d10	15.69	176	105222	21.21	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	20792	20.03	ng/ul	0.00
71) Anthracene-d10	17.54	188	173792	21.79	ng/ul	0.00
79) Pyrene-d10	19.82	212	195335	21.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.75	264	211007	21.71	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	3511	8.52	ng/uL#	79
4) Benzaldehyde	7.19	77	23797	23.53	ng/ul	93
6) Phenol	7.24	94	37648	21.18	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.47	93	27691	21.85	ng/ul	98
10) 2-Chlorophenol	7.62	128	28437	21.57	ng/ul	97
11) 2-Methylphenol	8.50	108	29072	21.22	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.59	45	37818	22.82	ng/ul	98
14) Acetophenone	8.88	105	50490	21.77	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.87	70	25878	22.09	ng/ul	97
16) 4-Methylphenol	8.83	108	32869	21.69	ng/ul	91
17) Hexachloroethane	9.15	117	12124	21.88	ng/ul	97
20) Nitrobenzene	9.27	77	37467	21.97	ng/ul	94
21) Isophorone	9.79	82	74403	22.41	ng/ul	98
23) 2-Nitrophenol	9.99	139	18393	21.98	ng/ul	90
24) 2,4-Dimethylphenol	10.04	107	39449	22.39	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.27	93	40797	22.24	ng/ul	96
27) 2,4-Dichlorophenol	10.52	162	33950	21.83	ng/ul	97
28) Naphthalene	10.93	128	102045	21.79	ng/ul	98
30) 4-Chloroaniline	11.03	127	41636	22.66	ng/ul	97
31) Hexachlorobutadiene	11.20	225	27324	21.78	ng/ul	99
32) Caprolactam	11.80	113	11586m	21.74	ng/ul	
33) 4-Chloro-3-methylphenol	12.16	107	37406	22.22	ng/ul	99
34) 2-Methylnaphthalene	12.53	142	77189	22.03	ng/ul	98

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 06 04:25:43 2016
Response via : Initial Calibration

Instrument :
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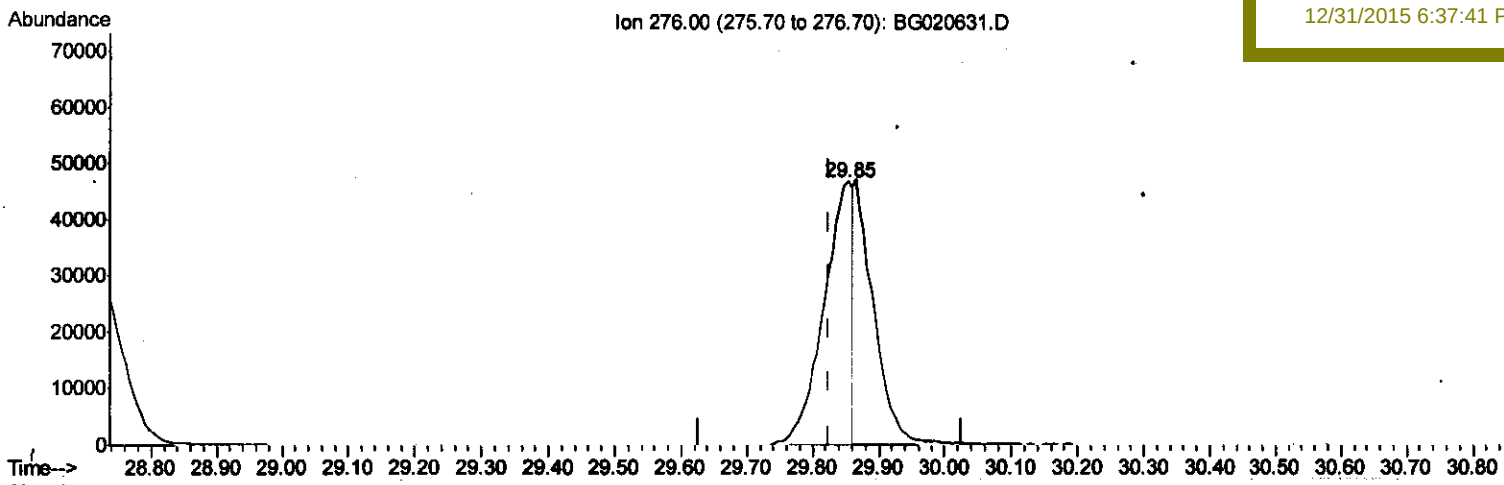

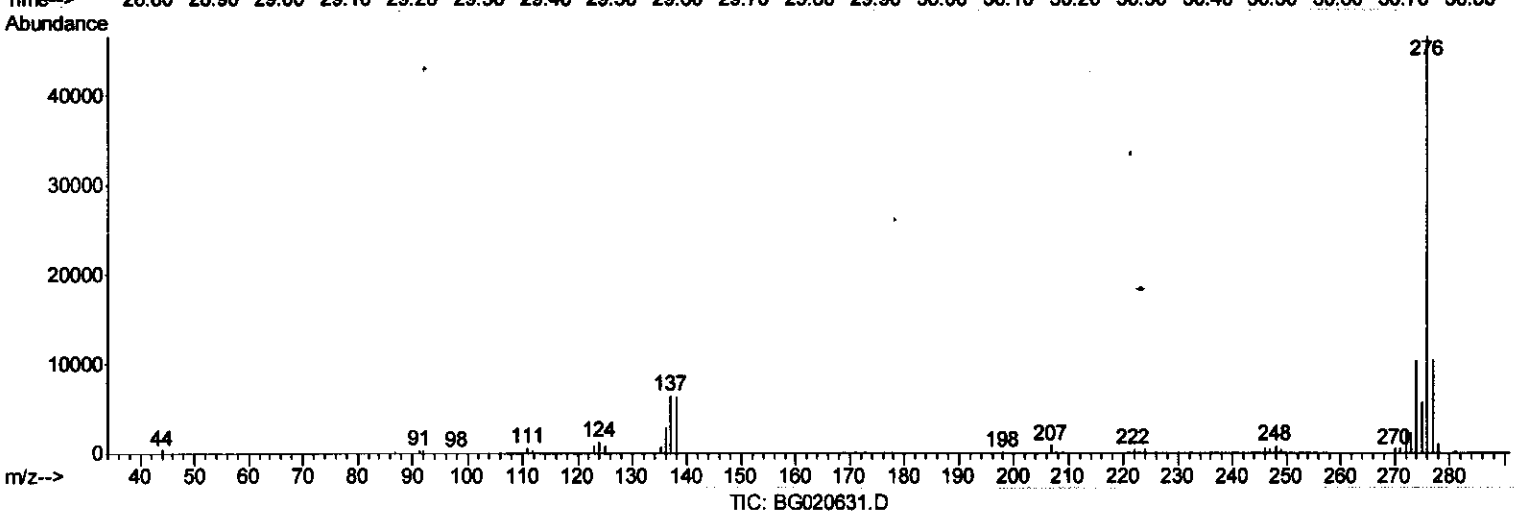

(94) Benzo(g,h,i)perylene

29.854min (+0.027) 12.81ng/ul

response 139538

Ion	Exp%	Act%
276.00	100	100
138.00	14.00	13.47
277.00	23.80	22.50
0.00	0.00	0.00

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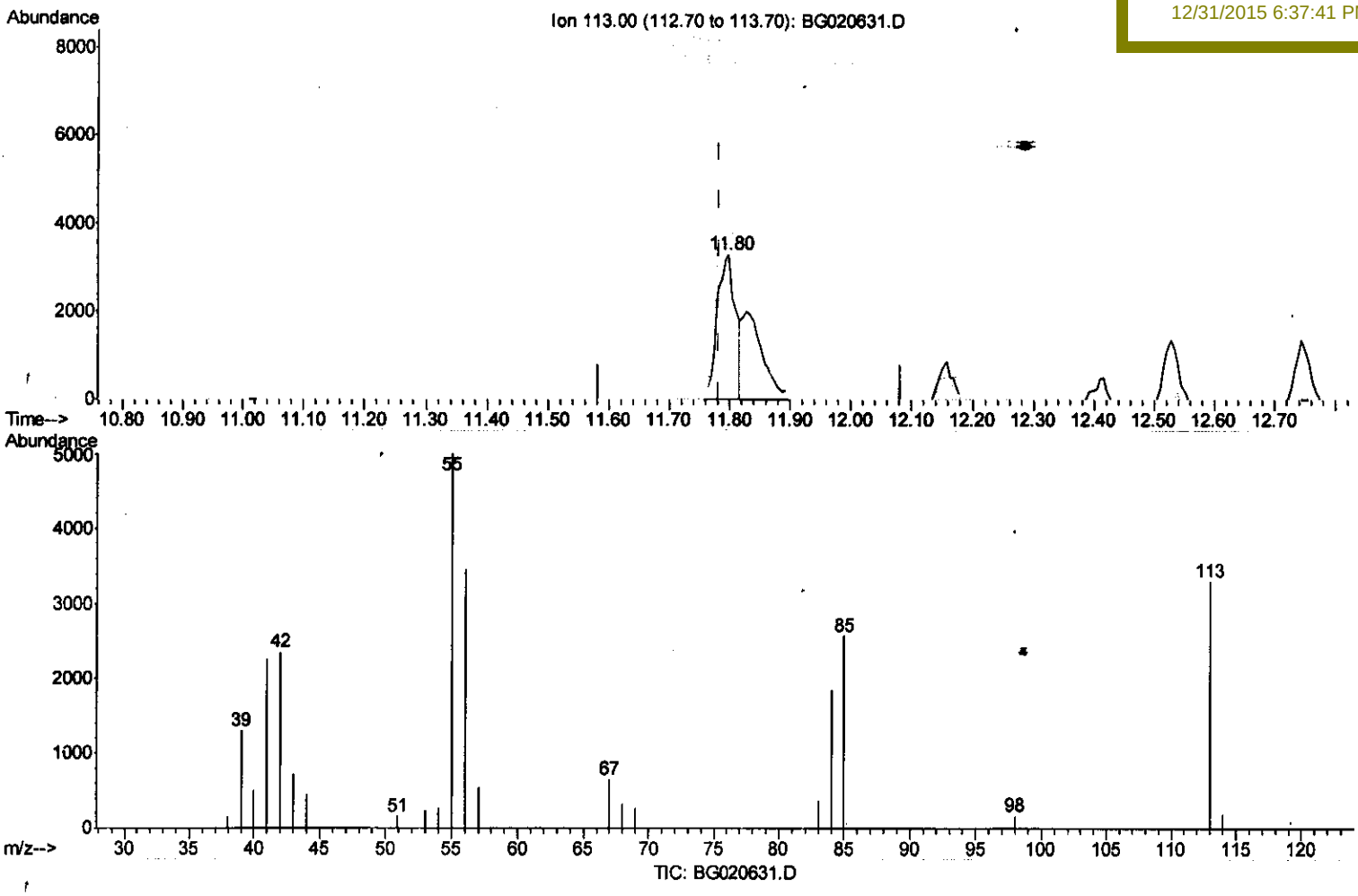

(32) Caprolactam

11.798min (+0.016) 12.94ng/ul

response 6895

Ion	Exp%	Act%
113.00	100	100
55.00	164.60	151.33
56.00	115.90	104.83
0.00	0.00	0.00

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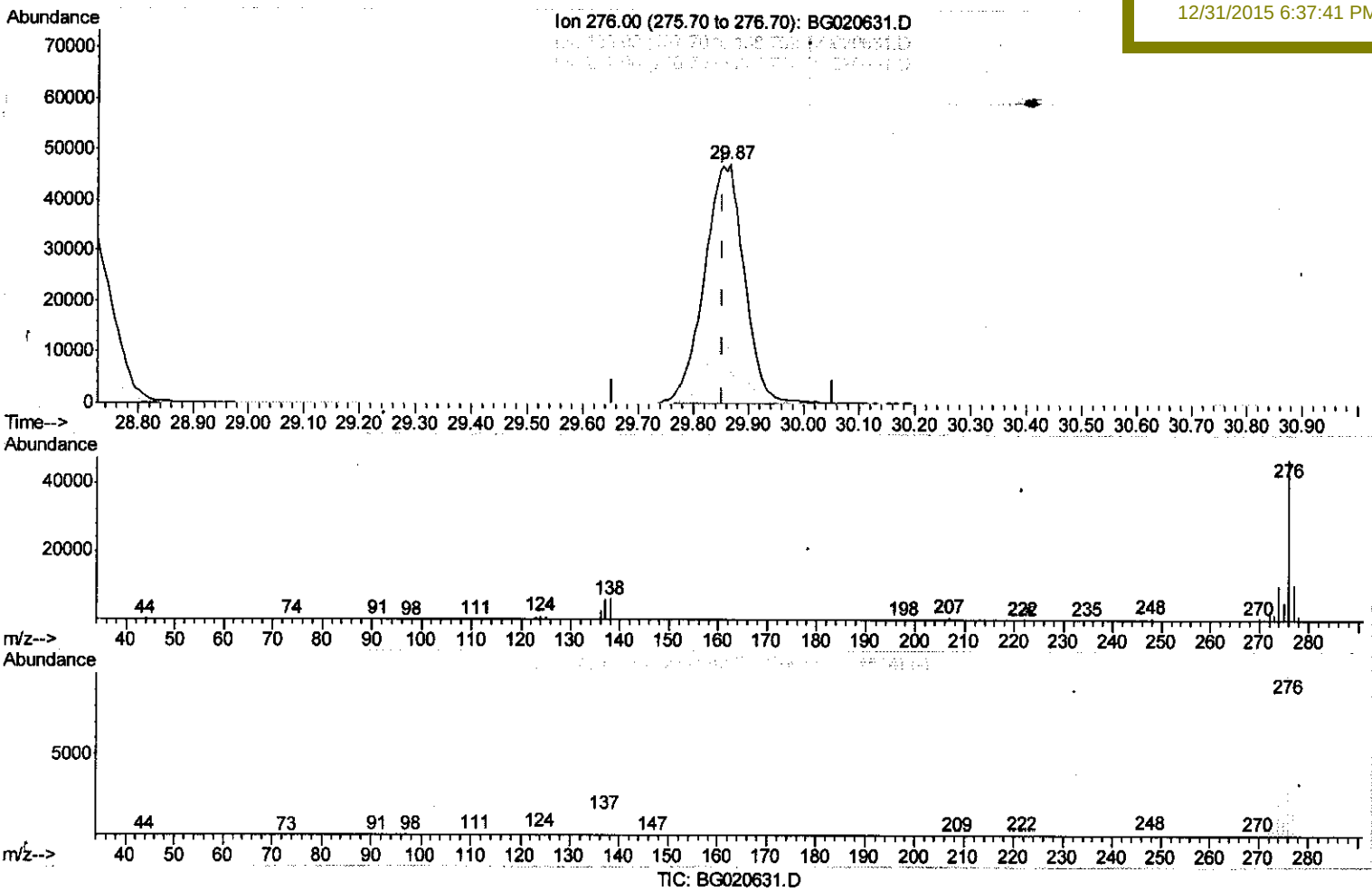

TIC: BG020631.D

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

29.865min (+0.012) 21.66ng/ul m

response 235924

Ion	Exp%	Act%
276.00	100	100
138.00	14.00	13.28
277.00	23.80	22.34
0.00	0.00	0.00

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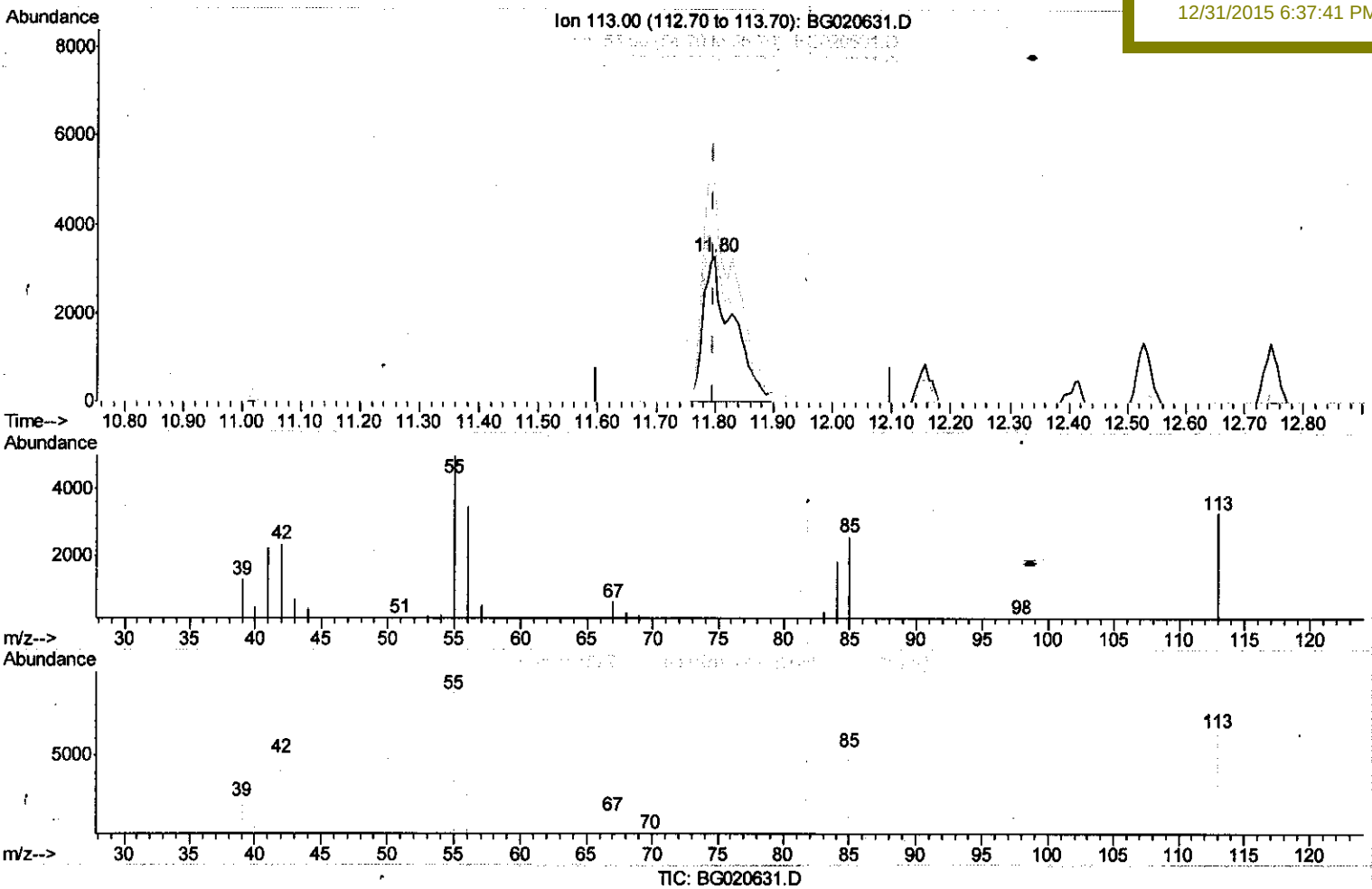

(32) Caprolactam

11.798min (+0.001) 21.74ng/ul m

response 11586

Ion	Exp%	Act%
113.00	100	100
55.00	164.60	151.33
56.00	115.90	104.83
0.00	0.00	0.00

UM 12/31/15