Data Path : Z:\HPCHEM1\BNA G\Data\BG080915\
Data File : BG018330.D
Acq On : 9 Aug 2015 15:58
Operator : UM/TP
Sample : SSTD04082
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 10 01:20:46 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 10 01:05:19 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD04082

Manual Integrations APPROVED
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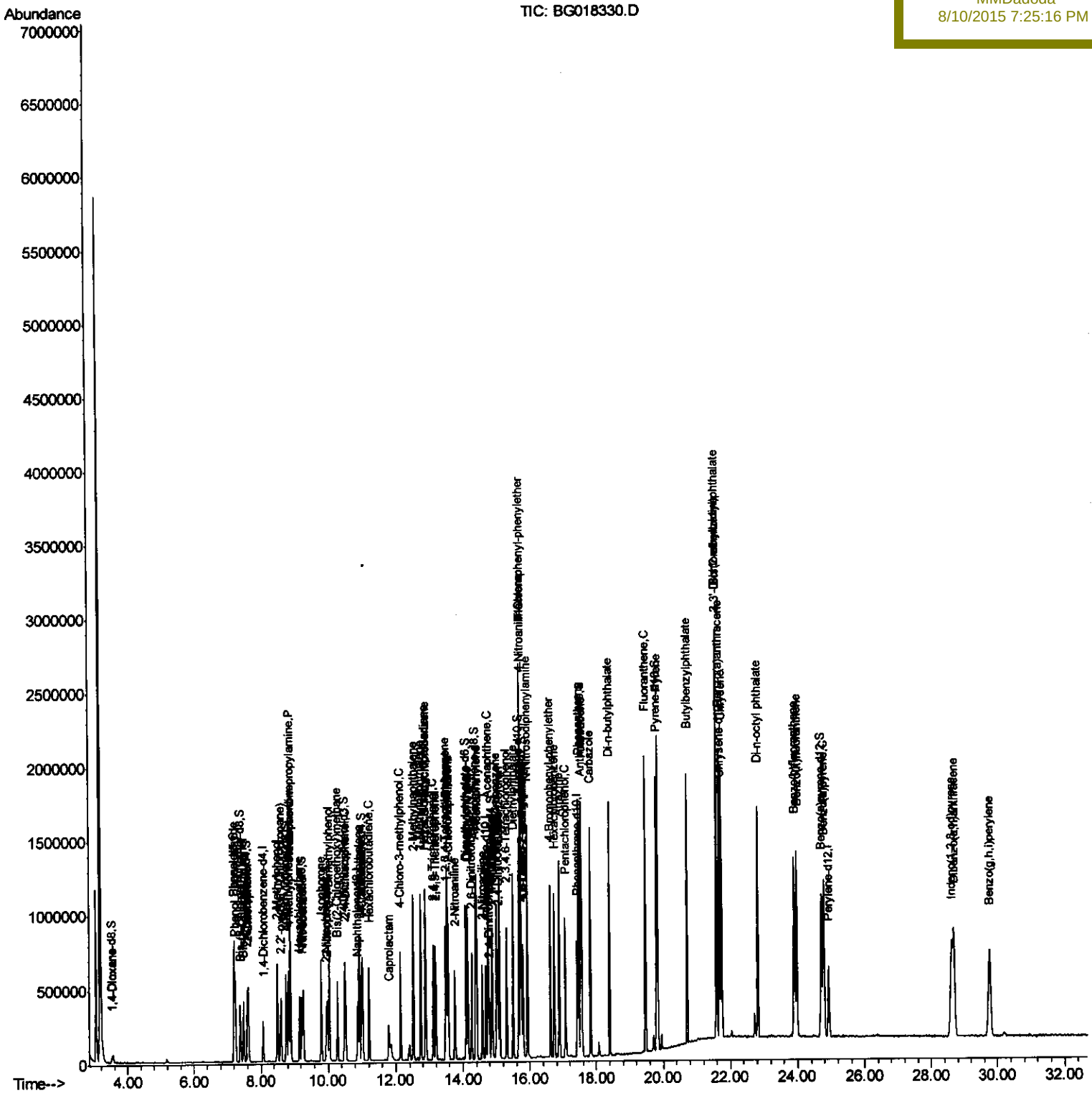
TIC: BG018330.D



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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	506586	35.00	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.89	216	263437	36.18	ng/ul	95
38) Hexachlorocyclopentadiene	12.87	237	161686	37.88	ng/ul#	93
39) 2,4,6-Trichlorophenol	13.12	196	184477	37.03	ng/ul	97
40) 2,4,5-Trichlorophenol	13.19	196	194907	36.72	ng/ul	95
41) 1,1'-Biphenyl	13.52	154	678920	35.35	ng/ul	99
42) 2-Chloronaphthalene	13.57	162	526074	35.59	ng/ul	99
43) 2-Nitroaniline	13.76	65	170881	36.27	ng/ul	99
45) Dimethylphthalate	14.14	163	671022	35.69	ng/ul	99
46) 2,6-Dinitrotoluene	14.26	165	141249	37.85	ng/ul	97
48) Acenaphthylene	14.41	152	858536	35.22	ng/ul	97
49) 3-Nitroaniline	14.58	138	151216	40.04	ng/ul	98
50) Acenaphthene	14.75	153	606864	35.65	ng/ul	99
51) 2,4-Dinitrophenol	14.78	184	67790	41.48	ng/ul#	79
53) 4-Nitrophenol	14.88	109	108760	38.09	ng/ul	96
54) Dibenzofuran	15.09	168	788237	35.33	ng/ul	100
55) 2,4-Dinitrotoluene	15.04	165	204807	39.38	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	15.30	232	170127	36.65	ng/ul#	93
57) Diethylphthalate	15.51	149	719054	35.86	ng/ul	95
59) Fluorene	15.73	166	672034	35.43	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.73	204	319142	35.26	ng/ul	97
61) 4-Nitroaniline	15.74	138	157920	40.36	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.80	198	104962	39.03	ng/ul#	99
65) N-Nitrosodiphenylamine	15.94	169	581397	34.89	ng/ul	99
66) 4-Bromophenyl-phenylether	16.62	248	208001	35.62	ng/ul	97
67) Hexachlorobenzene	16.74	284	221771	34.74	ng/ul	96
68) Atrazine	16.88	200	231153	36.85	ng/ul	98
69) Pentachlorophenol	17.07	266	156602	39.30	ng/ul	90
70) Phenanthrene	17.47	178	1034573	34.71	ng/ul	97
72) Anthracene	17.57	178	1050043	34.50	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.49	216	269066	34.62	ng/uL	97
74) Pentachlorobenzene	15.00	250	258173	35.31	ng/uL	88
75) Carbazole	17.82	167	1004151	36.84	ng/ul	100
76) Di-n-butylphthalate	18.39	149	1221969	35.08	ng/ul	99
77) Fluoranthene	19.48	202	1216423	37.24	ng/ul	98
80) Pyrene	19.84	202	1231898	34.60	ng/ul	99
81) Butylbenzylphthalate	20.73	149	547245	35.34	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.58	252	415863	37.13	ng/ul	99
83) Benzo(a)anthracene	21.68	228	1147581	34.69	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.60	149	746798	34.29	ng/ul	98
85) Chrysene	21.74	228	1069998	34.87	ng/ul	96
87) Di-n-octyl phthalate	22.82	149	1306638	36.32	ng/ul	100
88) Benzo(b)fluoranthene	23.91	252	1164700	34.36	ng/ul	99
89) Benzo(k)fluoranthene	23.98	252	1140960	34.84	ng/ul	95
91) Benzo(a)pyrene	24.78	252	1129110	35.15	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	28.61	276	1317208	35.58	ng/ul	99
93) Dibenzo(a,h)anthracene	28.68	278	1090728	35.38	ng/ul	98
94) Benzo(g,h,i)perylene	29.77	276	1097598m	35.60	ng/ul	

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ClientSampleId : SSTD04082

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	75499	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	342601	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	204305	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	491761	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	470981	20.00	ng/ul	0.00
86) Perylene-d12	24.93	264	476881	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	27234	13.86	ng/uL	0.00
5) Phenol-d5	7.22	99	284859	38.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	173866	37.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	216979	36.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	237698	38.60	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	109308	36.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	108502	36.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	232974	35.60	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	294993	38.35	ng/ul	0.00
44) Dimethylphthalate-d6	14.09	166	688697	36.11	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	858950	35.57	ng/ul	0.00
52) 4-Nitrophenol-d4	14.86	143	129668	39.81	ng/ul	0.00
58) Fluorene-d10	15.68	176	596150	35.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	98643	39.25	ng/ul	0.00
71) Anthracene-d10	17.53	188	918968	34.91	ng/ul	0.00
79) Pyrene-d10	19.80	212	970399	34.84	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.71	264	1006599	35.35	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	27953	13.47	ng/uL	87
4) Benzaldehyde	7.21	77	185145	37.95	ng/ul	94
6) Phenol	7.25	94	286639	38.14	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.49	93	222317	38.08	ng/ul	97
10) 2-Chlorophenol	7.63	128	216435	35.31	ng/ul	97
11) 2-Methylphenol	8.50	108	221232	37.59	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.61	45	355255	37.97	ng/ul	100
14) Acetophenone	8.89	105	347814	38.17	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.88	70	190068	35.33	ng/ul	95
16) 4-Methylphenol	8.83	108	247469	38.46	ng/ul	98
17) Hexachloroethane	9.16	117	92324	36.00	ng/ul	97
20) Nitrobenzene	9.27	77	267213	35.56	ng/ul	99
21) Isophorone	9.80	82	512410	35.01	ng/ul	99
23) 2-Nitrophenol	9.98	139	121775	37.31	ng/ul	99
24) 2,4-Dimethylphenol	10.03	107	267745	34.83	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.27	93	315448	34.77	ng/ul	99
27) 2,4-Dichlorophenol	10.52	162	215356	35.38	ng/ul	97
28) Naphthalene	10.93	128	713399	34.96	ng/ul	99
30) 4-Chloroaniline	11.03	127	298790	38.45	ng/ul	98
31) Hexachlorobutadiene	11.21	225	134233	34.42	ng/ul	96
32) Caprolactam	11.80	113	89041	37.73	ng/ul	
33) 4-Chloro-3-methylphenol	12.14	107	251449	35.19	ng/ul	99
34) 2-Methylnaphthalene	12.52	142	511453	34.66	ng/ul	98

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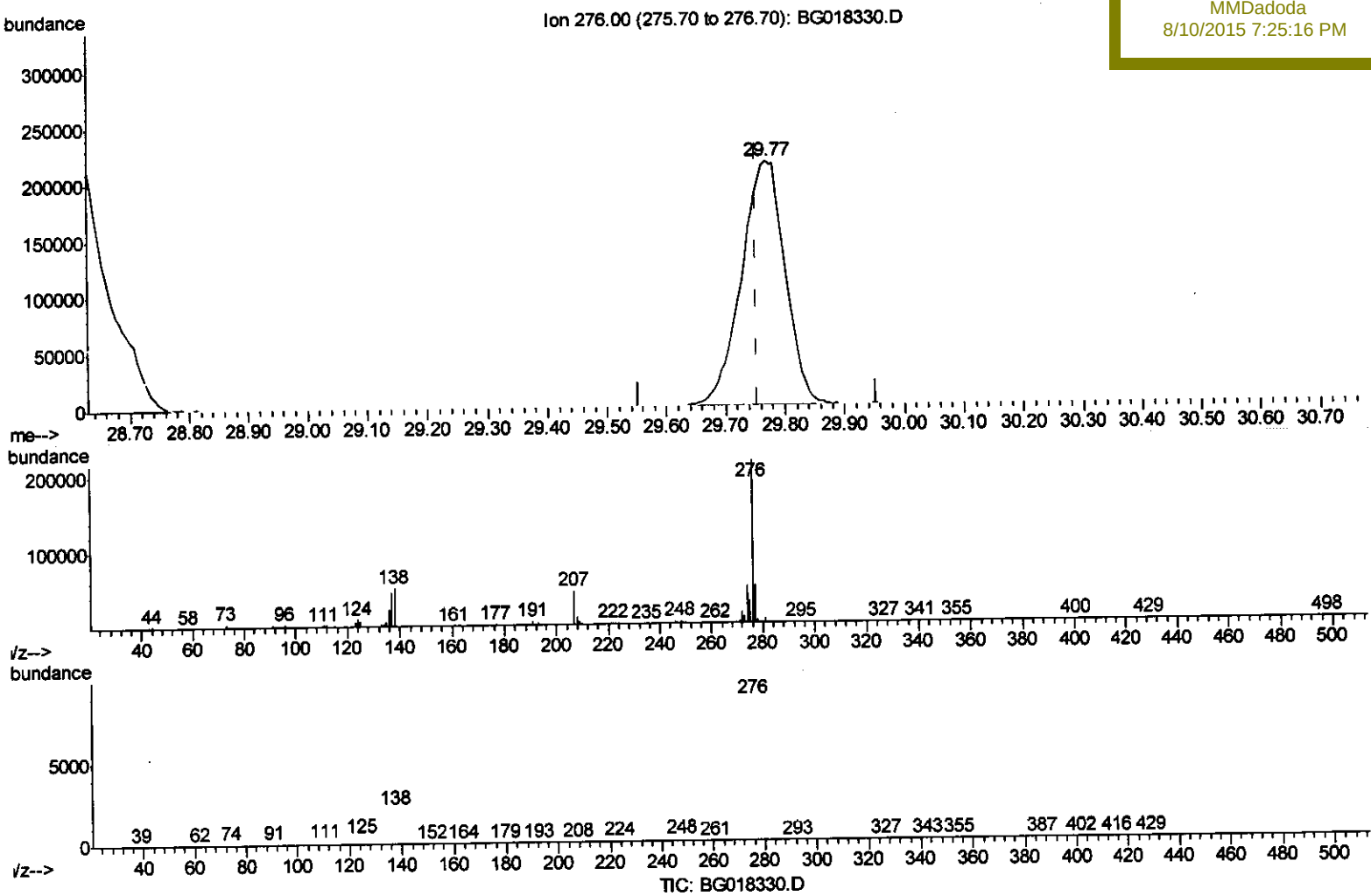

TIC: BG018330.D

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

29.769min (+0.015) 35.60ng/ul m

response 1097598

Ion	Exp%	Act%
276.00	100	100
138.00	21.70	23.44
277.00	23.00	23.43
0.00	0.00	0.00

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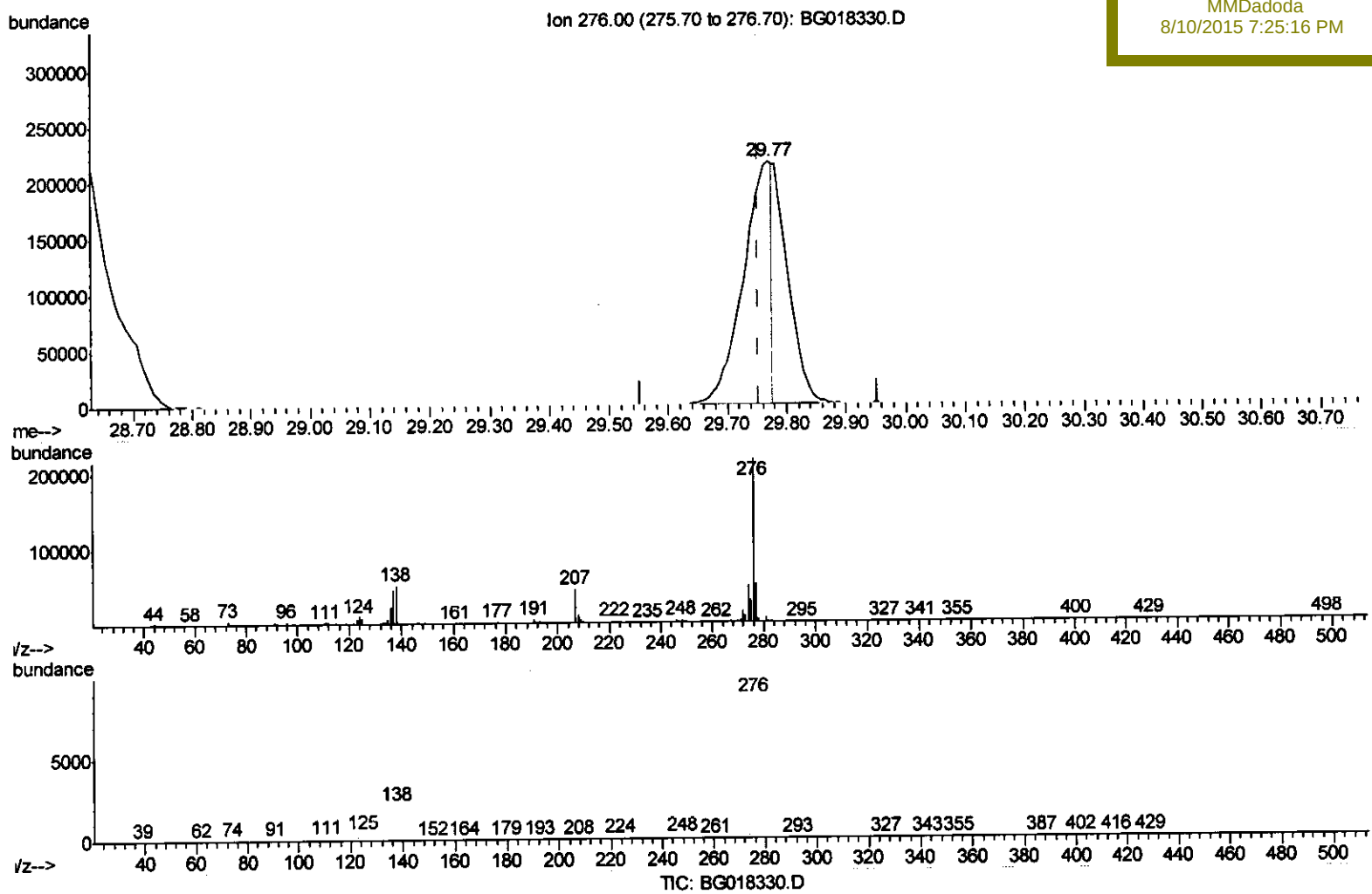

(94) Benzo(g,h,i)perylene

29.769min (+0.015) 22.96ng/ul

response 707687

Ion	Exp%	Act%
276.00	100	100
138.00	21.70	23.44
277.00	23.00	23.43
0.00	0.00	0.00

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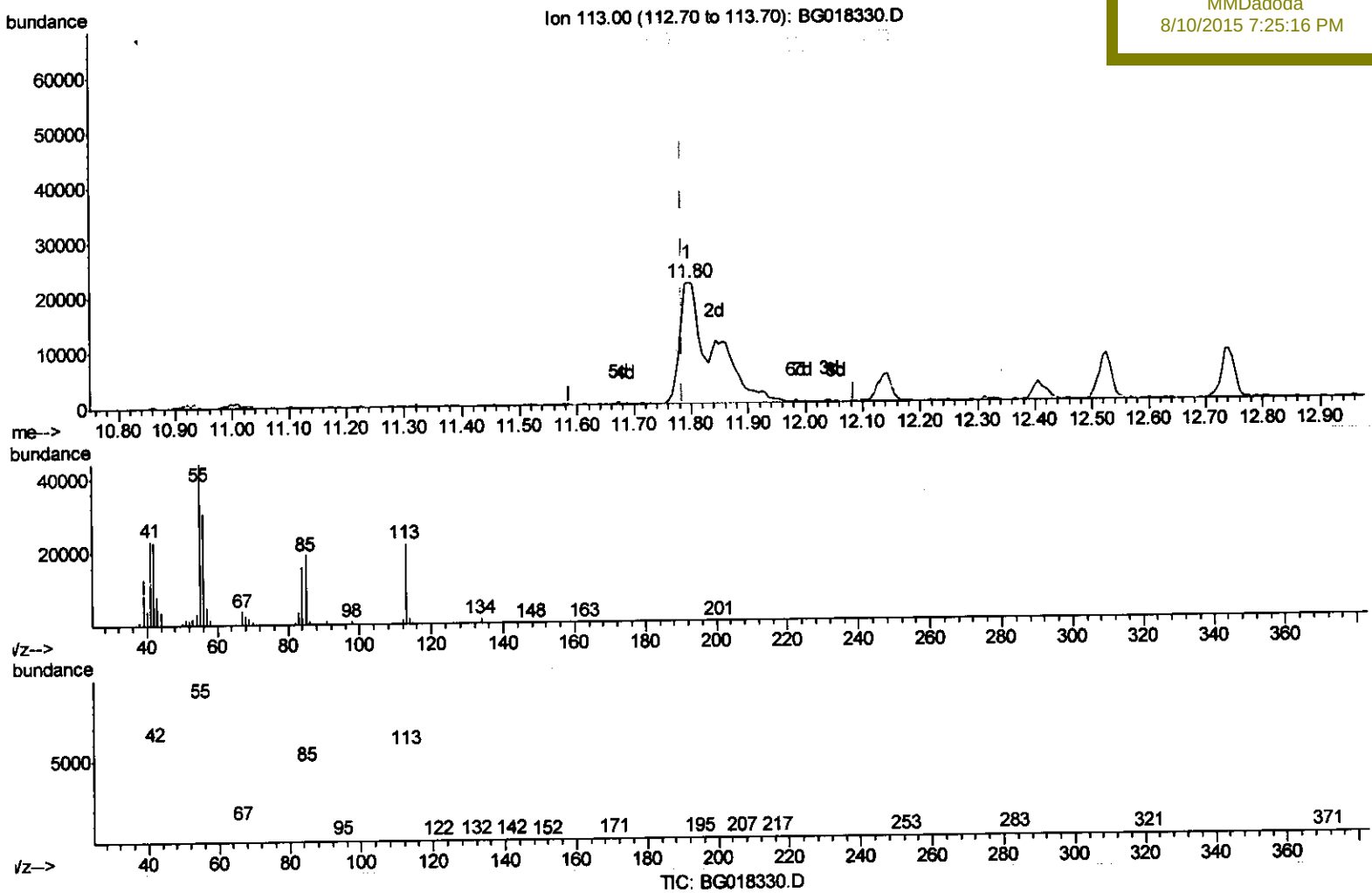

(32) Caprolactam

11.796min (+0.009) 37.73ng/ul m

response 89041

Ion	Exp%	Act%
113.00	100	100
55.00	182.60	201.24
56.00	120.10	139.11
0.00	0.00	0.00

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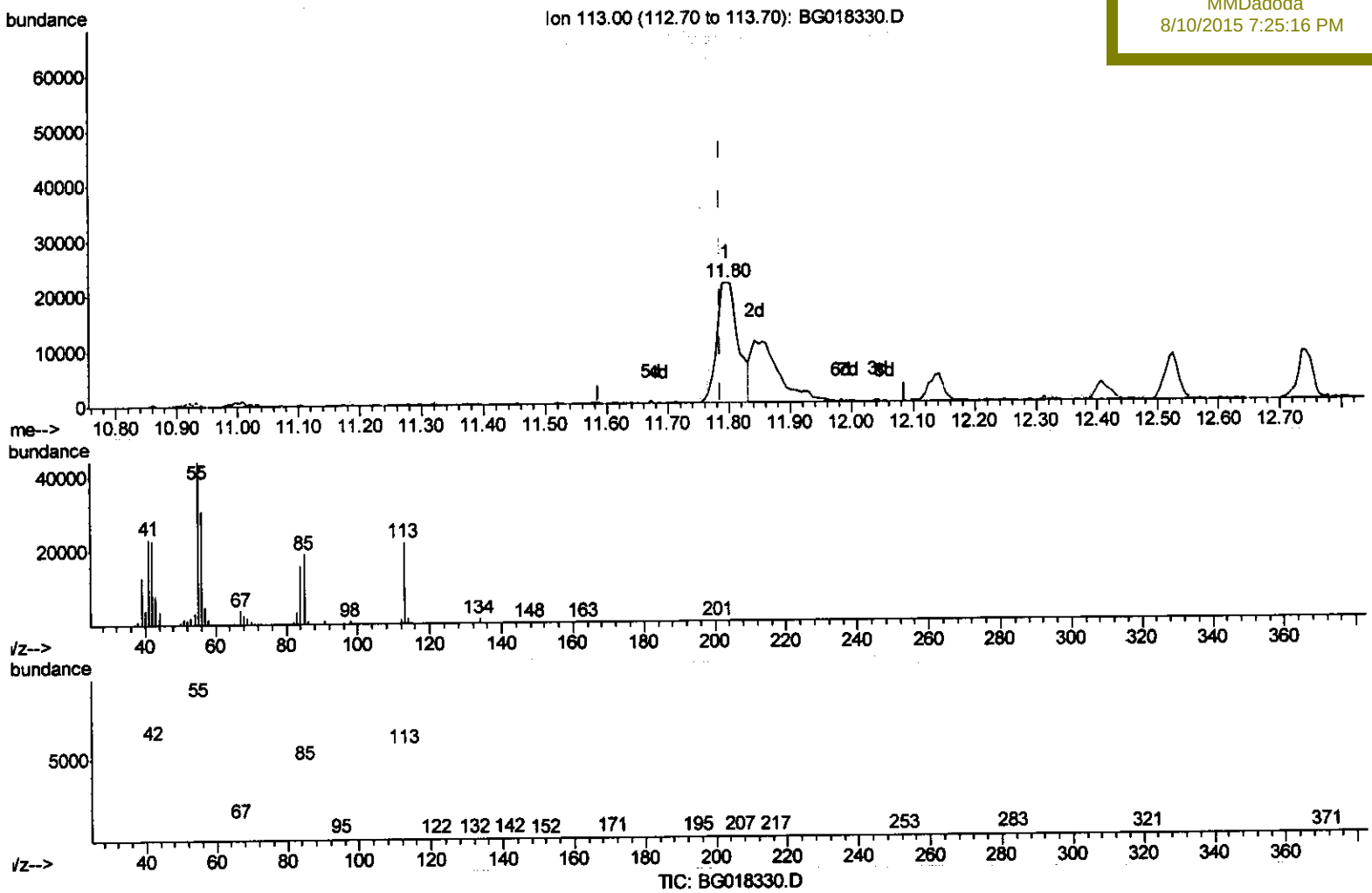

(32) Caprolactam

11.796min (+0.009) 22.43ng/ul

response 52928

Ion	Exp%	Act%
113.00	100	100
55.00	182.60	201.24
56.00	120.10	139.11
0.00	0.00	0.00