Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080915\
Data File : BG018328.D
Acq On : 9 Aug 2015 14:43
Operator : UM/TP
Sample : SSTD01080
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 10 01:17:06 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 :
SSTD01080

Manual Integrations APPROVED
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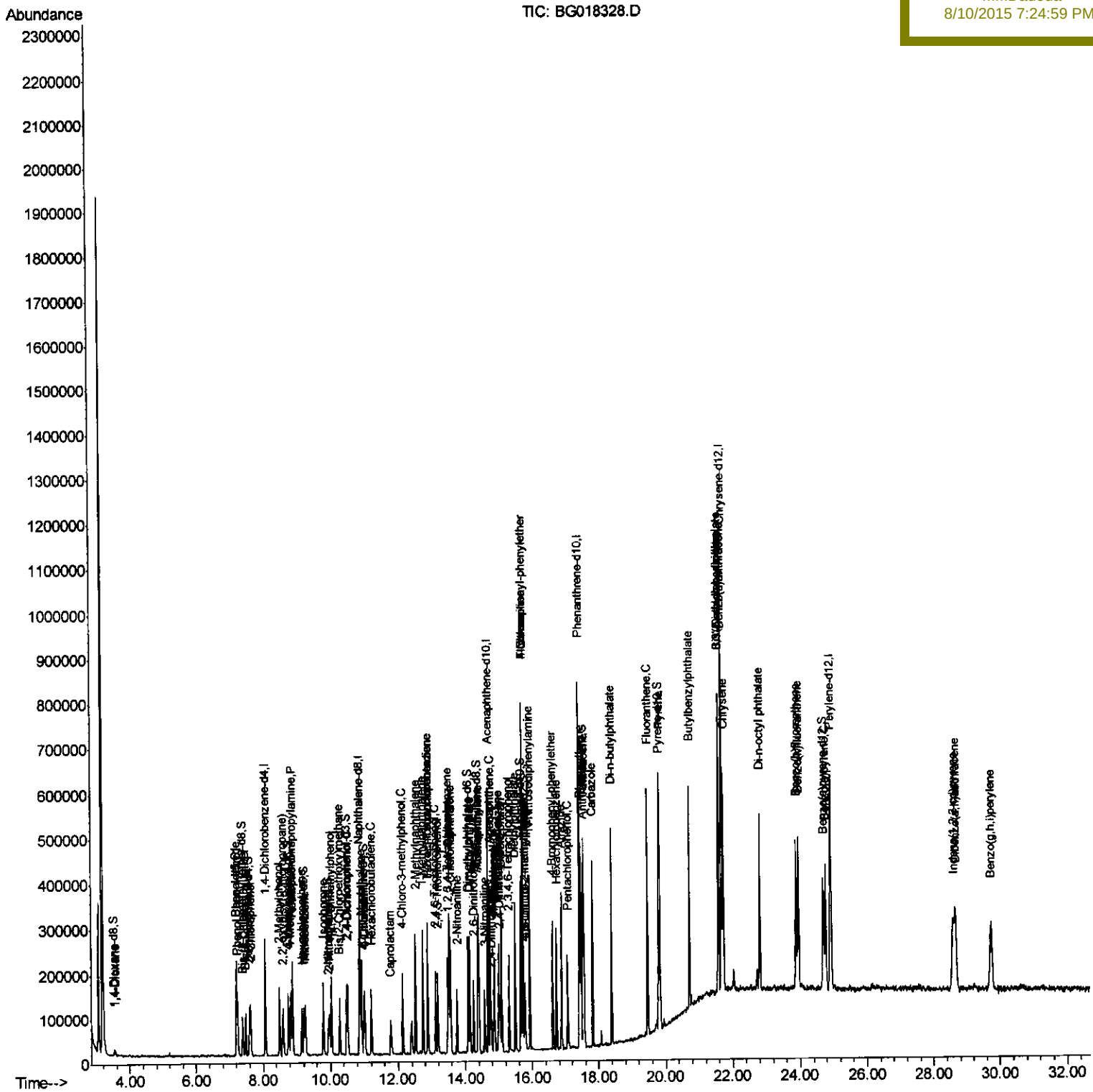
TIC: BG018328.D



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Data File : BG018328.D
Acq On : 9 Aug 2015 14:43
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Sample : SSTD01080
Misc :
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Quant Time: Aug 10 01:06:35 2015
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 10 01:05:19 2015
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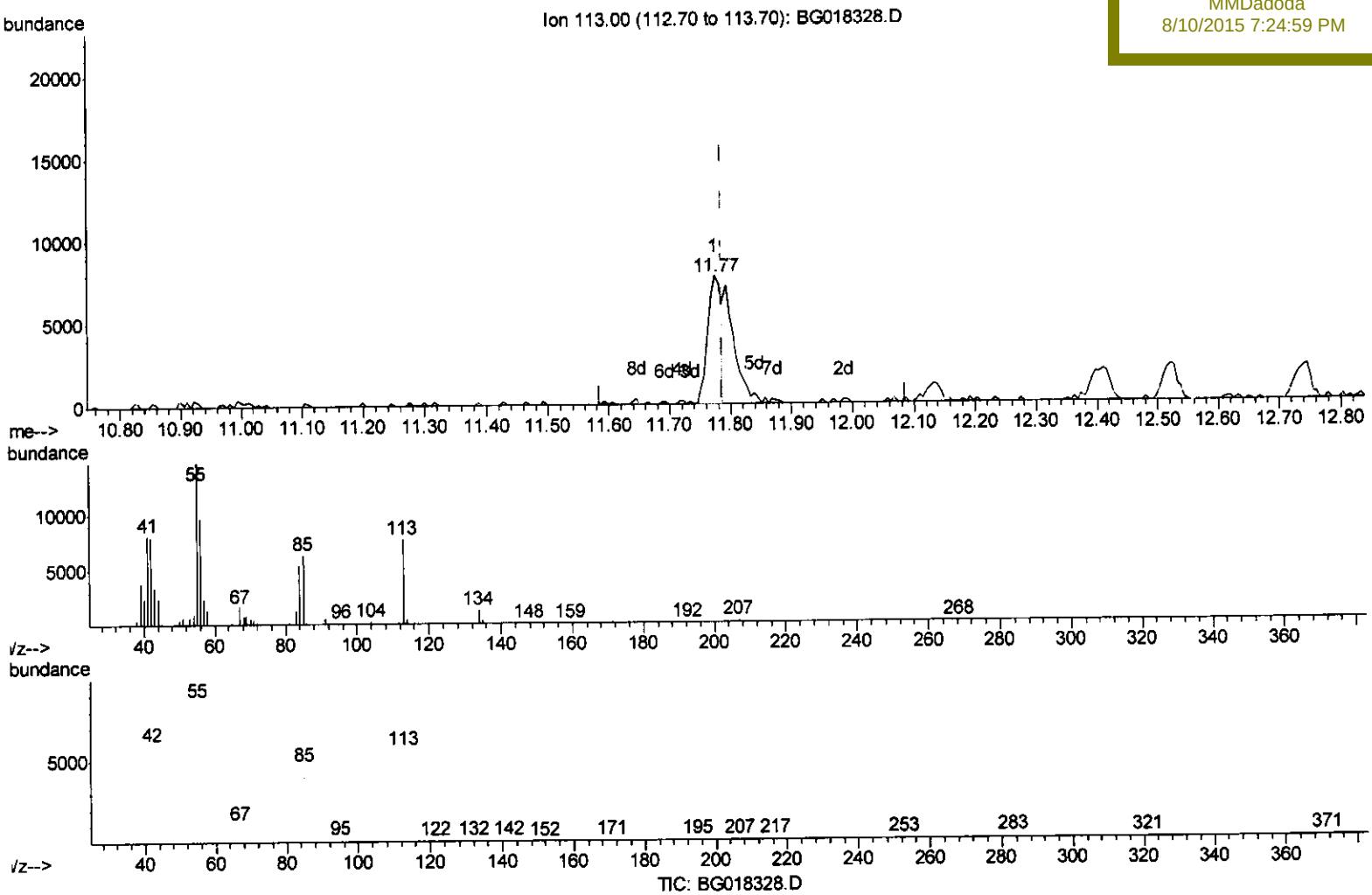

TIC: BG018328.D

(32) Caprolactam

11.775min (-0.012) 5.39ng/ul

response 11974

Ion	Exp%	Act%
113.00	100	100
55.00	182.60	189.86
56.00	120.10	125.39
0.00	0.00	0.00

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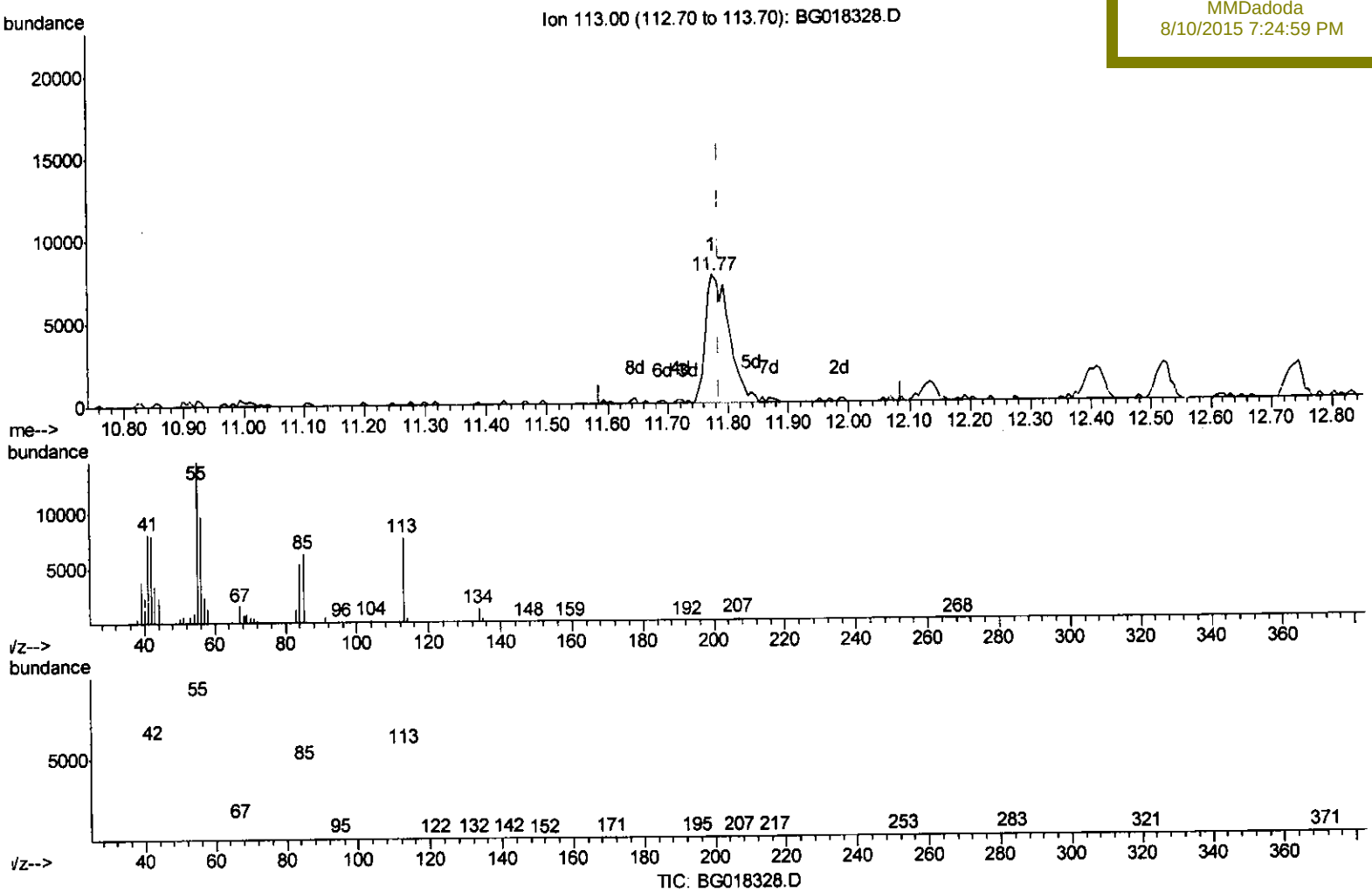

TIC: BG018328.D

(32) Caprolactam

11.775min (-0.012) 9.35ng/ul m

response 20782

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Ion	Exp%	Act%
113.00	100	100
55.00	182.60	189.86
56.00	120.10	125.39
0.00	0.00	0.00

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Misc :
ALS Vial : 3 Sample Multiplier: 1

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Instrument :
BNA_G
ClientSampleId :
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Manual Integrations APPROVED
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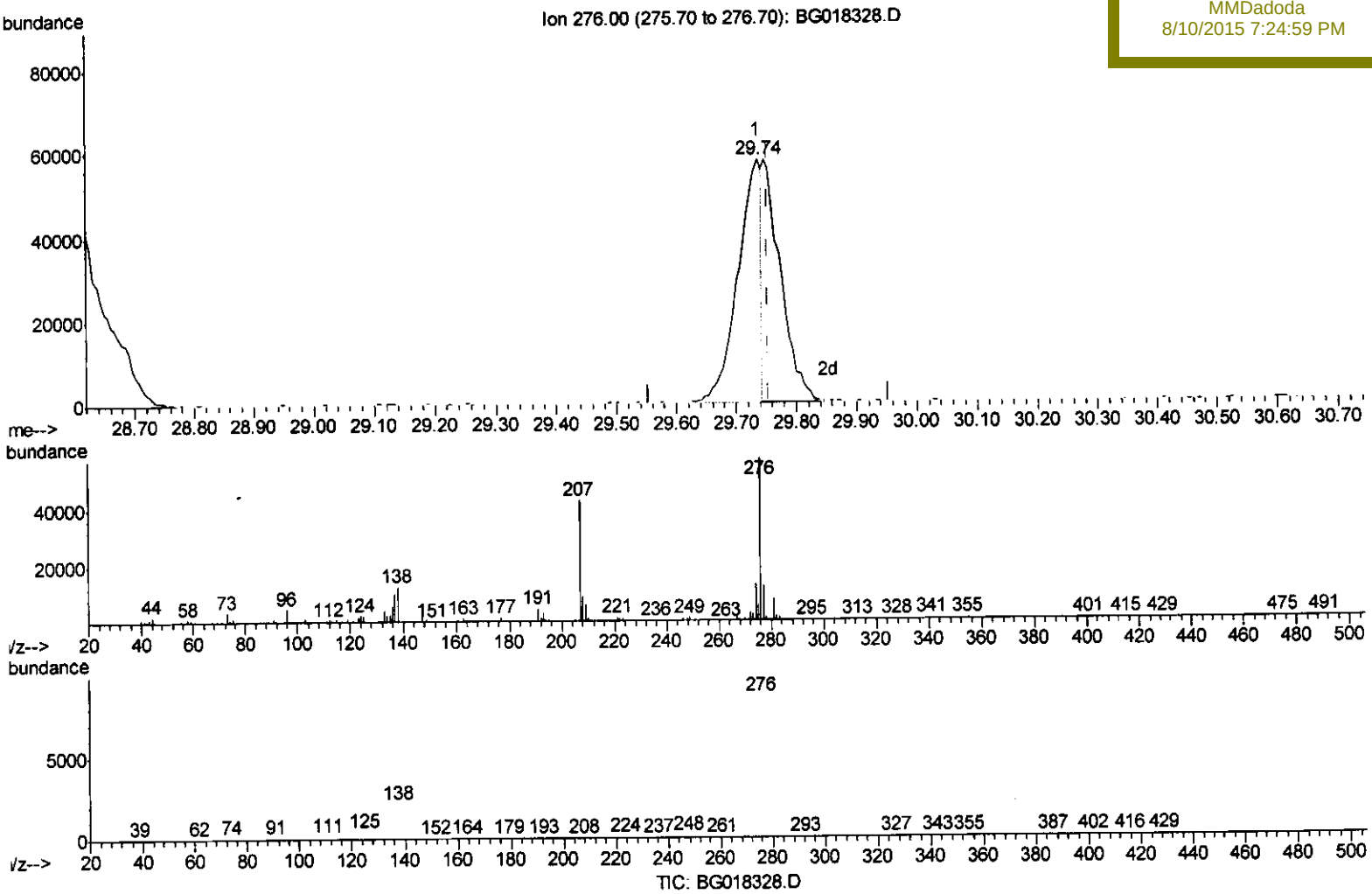

TIC: BG018328.D

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

29.736min (-0.018) 5.05ng/ul

response 154301

Ion	Exp%	Act%
276.00	100	100
138.00	21.70	21.58
277.00	23.00	21.51
0.00	0.00	0.00

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Misc :
ALS Vial : 3 Sample Multiplier: 1

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Instrument :
BNA_G
ClientSampleId :
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Manual Integrations APPROVED
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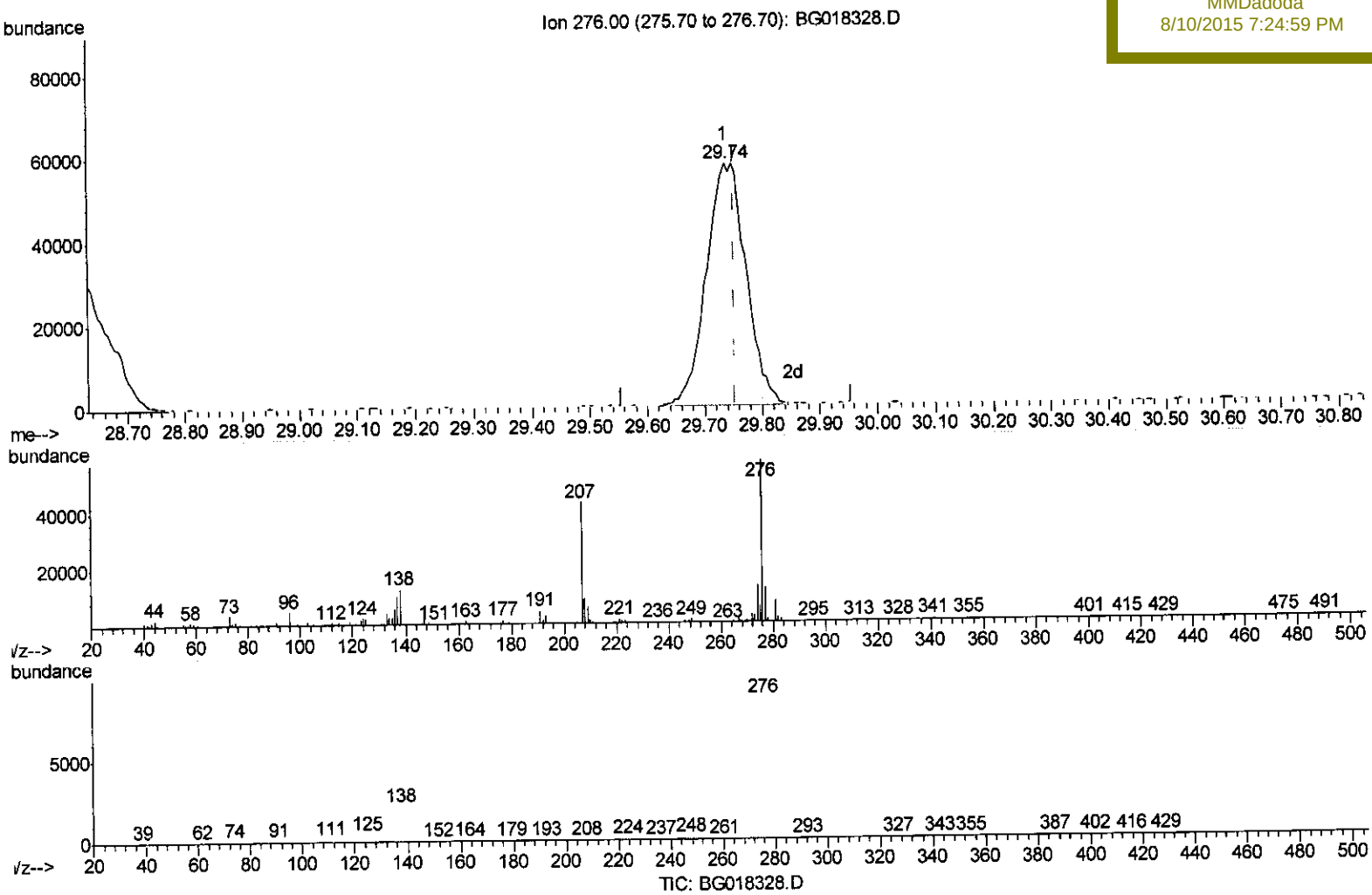

(94) Benzo(g,h,i)perylene

29.736min (-0.018) 8.97ng/ul m > U.M 09/08/15

response 273859

Ion	Exp%	Act%
276.00	100	100
138.00	21.70	21.58
277.00	23.00	21.51
0.00	0.00	0.00

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ClientSampleId : SSTD01080

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	72749	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	322721	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	197150	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	476093	20.00	ng/ul	0.00
78) Chrysene-d12	21.69	240	481515	20.00	ng/ul	0.00
86) Perylene-d12	24.92	264	472385	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	6852	3.62	ng/uL	0.00
5) Phenol-d5	7.22	99	65641	9.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	42515	9.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	50053	8.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	56534	9.53	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	24470	8.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	24168	8.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	52564	8.53	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	61135	8.44	ng/ul	0.00
44) Dimethylphthalate-d6	14.09	166	169792	9.23	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	213540	9.16	ng/ul	0.00
52) 4-Nitrophenol-d4	14.85	143	29721	9.46	ng/ul	0.00
58) Fluorene-d10	15.68	176	147073	9.06	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.78	200	19555	8.04	ng/ul	0.00
71) Anthracene-d10	17.53	188	236434	9.28	ng/ul	0.00
79) Pyrene-d10	19.80	212	253140	8.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.69	264	254626	9.03	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	7173	3.59	ng/uL#	88
4) Benzaldehyde	7.20	77	46773	9.95	ng/ul	91
6) Phenol	7.24	94	69675	9.62	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.49	93	53045	9.43	ng/ul	94
10) 2-Chlorophenol	7.63	128	49550	8.39	ng/ul	91
11) 2-Methylphenol	8.50	108	52395	9.24	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.60	45	86266	9.57	ng/ul	97
14) Acetophenone	8.89	105	82994	9.45	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.87	70	46447	8.96	ng/ul	92
16) 4-Methylphenol	8.83	108	57453	9.27	ng/ul	100
17) Hexachloroethane	9.16	117	22601	9.14	ng/ul	95
20) Nitrobenzene	9.27	77	62786	8.87	ng/ul	96
21) Isophorone	9.79	82	122664	8.90	ng/ul#	95
23) 2-Nitrophenol	9.98	139	27111	8.82	ng/ul	97
24) 2,4-Dimethylphenol	10.04	107	65517	9.05	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.27	93	75836	8.87	ng/ul	95
27) 2,4-Dichlorophenol	10.51	162	51097	8.91	ng/ul	97
28) Naphthalene	10.92	128	176516	9.18	ng/ul	99
30) 4-Chloroaniline	11.02	127	61094	8.35	ng/ul	97
31) Hexachlorobutadiene	11.22	225	32130	8.75	ng/ul	89
32) Caprolactam	11.77	113	20782m	9.35	ng/ul	
33) 4-Chloro-3-methylphenol	12.13	107	59332	8.82	ng/ul	92
34) 2-Methylnaphthalene	12.52	142	127097	9.14	ng/ul	100

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Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : SSTD01080

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.74	142	122229	8.97 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.89	216	61967	8.82 ng/ul#	91
38) Hexachlorocyclopentadiene	12.87	237	34780	8.44 ng/ul#	92
39) 2,4,6-Trichlorophenol	13.12	196	42184	8.78 ng/ul	92
40) 2,4,5-Trichlorophenol	13.18	196	46169	9.01 ng/ul	94
41) 1,1'-Biphenyl	13.53	154	170921	9.22 ng/ul	97
42) 2-Chloronaphthalene	13.57	162	131595	9.23 ng/ul	94
43) 2-Nitroaniline	13.75	65	40956	9.01 ng/ul	97
45) Dimethylphthalate	14.14	163	167193	9.21 ng/ul	99
46) 2,6-Dinitrotoluene	14.25	165	31352	8.71 ng/ul#	94
48) Acenaphthylene	14.41	152	216963	9.22 ng/ul	98
49) 3-Nitroaniline	14.57	138	31819	8.73 ng/ul#	97
50) Acenaphthene	14.75	153	147471	8.98 ng/ul	100
51) 2,4-Dinitrophenol	14.78	184	12681	8.04 ng/ul#	68
53) 4-Nitrophenol	14.87	109	26694	9.69 ng/ul	99
54) Dibenzofuran	15.08	168	197865	9.19 ng/ul	99
55) 2,4-Dinitrotoluene	15.03	165	45596	9.09 ng/ul#	84
56) 2,3,4,6-Tetrachlorophenol	15.30	232	40430	9.03 ng/ul	95
57) Diethylphthalate	15.50	149	183233	9.47 ng/ul	98
59) Fluorene	15.73	166	176730	9.66 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.72	204	80358	9.20 ng/ul	98
61) 4-Nitroaniline	15.73	138	38210	10.12 ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.79	198	22010	8.45 ng/ul	97
65) N-Nitrosodiphenylamine	15.93	169	149738	9.28 ng/ul	95
66) 4-Bromophenyl-phenylether	16.62	248	52065	9.21 ng/ul	96
67) Hexachlorobenzene	16.73	284	55625	9.00 ng/ul	96
68) Atrazine	16.88	200	57678	9.50 ng/ul	98
69) Pentachlorophenol	17.07	266	35741	9.27 ng/ul	93
70) Phenanthrene	17.47	178	271601	9.41 ng/ul	98
72) Anthracene	17.56	178	280852	9.53 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.49	216	64453	8.57 ng/uL	94
74) Pentachlorobenzene	15.00	250	62418	8.82 ng/uL	85
75) Carbazole	17.82	167	264812	10.04 ng/ul	97
76) Di-n-butylphthalate	18.39	149	326762	9.69 ng/ul	97
77) Fluoranthene	19.47	202	328962	10.40 ng/ul	100
80) Pyrene	19.83	202	344281	9.46 ng/ul	99
81) Butylbenzylphthalate	20.72	149	137704	8.70 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.59	252	102787	8.98 ng/ul	99
83) Benzo(a)anthracene	21.67	228	309637	9.16 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	200506	9.00 ng/ul	97
85) Chrysene	21.74	228	291191	9.28 ng/ul	99
87) Di-n-octyl phthalate	22.82	149	340335	9.55 ng/ul	100
88) Benzo(b)fluoranthene	23.90	252	305874	9.11 ng/ul	99
89) Benzo(k)fluoranthene	23.96	252	292090	9.00 ng/ul	99
91) Benzo(a)pyrene	24.77	252	285759	8.98 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.60	276	326810	8.91 ng/ul	97
93) Dibenzo(a,h)anthracene	28.66	278	276962	9.07 ng/ul	99
94) Benzo(g,h,i)perylene	29.74	276	273859m	8.97 ng/ul	

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

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