Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM103015\
Data File : BM003016.D
Acq On : 30 Oct 2015 16:50
Operator : UM/IZ
Sample : SSTD08059
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 30 17:33:44 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 30 16:44:44 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD08059

Manual Integrations APPROVED
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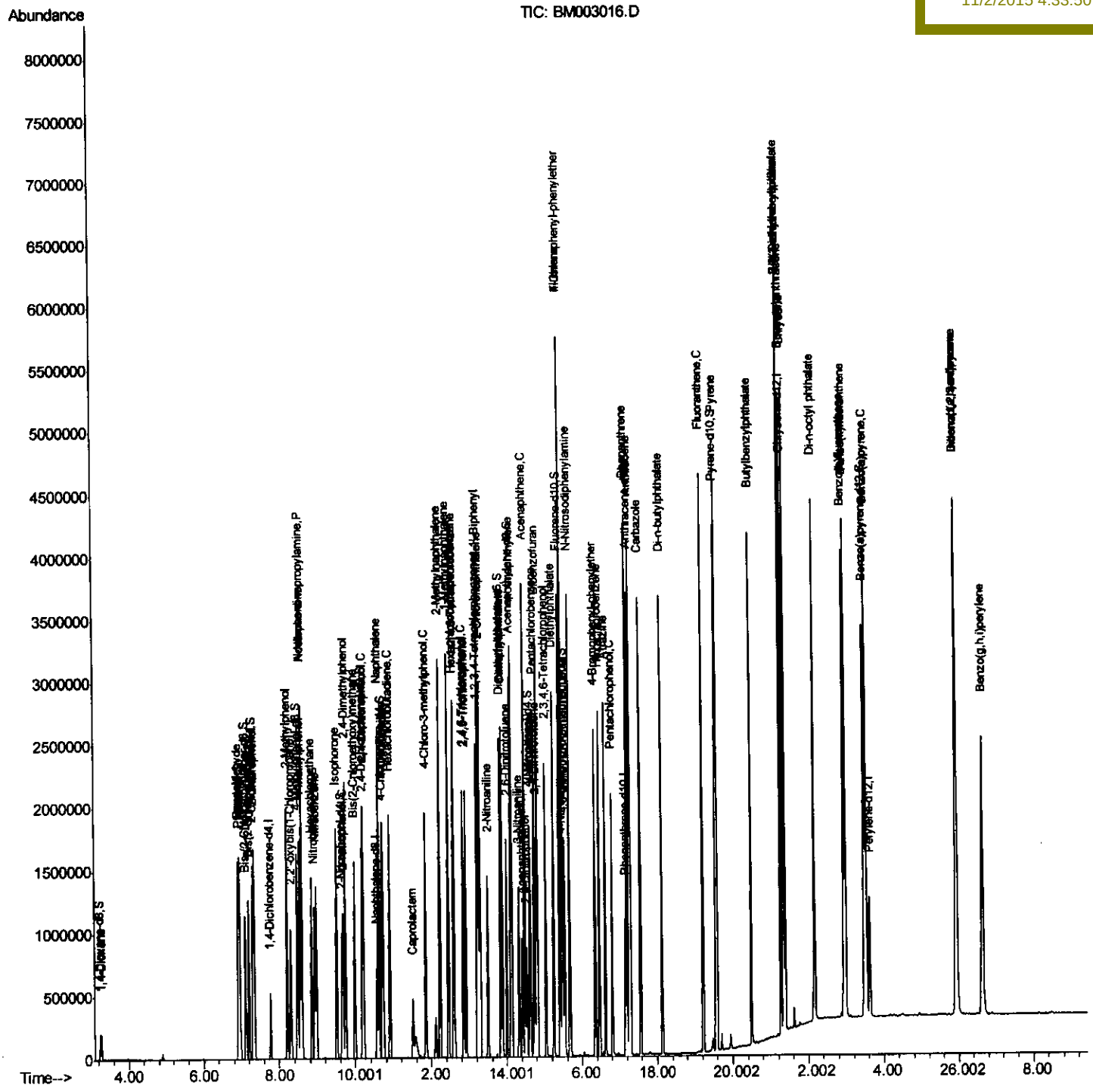

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = 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	12.45	142	1541599m	88.52 ng/ul	
37) 1,2,4,5-Tetrachlorobenzene	12.60	216	769087	74.68 ng/ul	99
38) Hexachlorocyclopentadiene	12.58	237	499103	85.58 ng/ul	95
39) 2,4,6-Trichlorophenol	12.84	196	499461	80.66 ng/ul	100
40) 2,4,5-Trichlorophenol	12.91	196	542975	81.75 ng/ul	99
41) 1,1'-Biphenyl	13.25	154	1979167	72.61 ng/ul	99
42) 2-Chloronaphthalene	13.29	162	1488936	73.62 ng/ul	97
43) 2-Nitroaniline	13.49	65	386057	101.73 ng/ul	88
45) Dimethylphthalate	13.87	163	1793000	72.23 ng/ul	99
46) 2,6-Dinitrotoluene	14.00	165	371829	97.57 ng/ul#	86
48) Acenaphthylene	14.14	152	2351615	71.13 ng/ul	99
49) 3-Nitroaniline	14.32	138	353943	83.62 ng/ul	92
50) Acenaphthene	14.48	153	1566171	70.17 ng/ul	99
51) 2,4-Dinitrophenol	14.53	184	195477	98.41 ng/ul	95
53) 4-Nitrophenol	14.63	109	254711	85.35 ng/ul#	76
54) Dibenzofuran	14.82	168	2165388	69.23 ng/ul	93
55) 2,4-Dinitrotoluene	14.78	165	520082	96.79 ng/ul	90
56) 2,3,4,6-Tetrachlorophenol	15.04	232	439767	79.86 ng/ul	96
57) Diethylphthalate	15.24	149	1811930	74.43 ng/ul	100
59) Fluorene	15.47	166	1573573	63.82 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.46	204	757293	65.76 ng/ul	93
61) 4-Nitroaniline	15.49	138	384560	90.64 ng/ul#	79
64) 4,6-Dinitro-2-methylphenol	15.54	198	282621	91.24 ng/ul#	96
65) N-Nitrosodiphenylamine	15.67	169	1448324	72.33 ng/ul	98
66) 4-Bromophenyl-phenylether	16.36	248	496173	77.45 ng/ul	99
67) Hexachlorobenzene	16.47	284	566594	71.92 ng/ul	97
68) Atrazine	16.63	200	540921	77.00 ng/ul	97
69) Pentachlorophenol	16.81	266	356856	83.10 ng/ul	97
70) Phenanthrene	17.20	178	2608299	68.38 ng/ul	98
72) Anthracene	17.30	178	2572861	69.20 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.21	216	754101	75.12 ng/uL	98
74) Pentachlorobenzene	14.73	250	687152	71.77 ng/uL	99
75) Carbazole	17.56	167	2367939	72.55 ng/ul	98
76) Di-n-butylphthalate	18.13	149	2896797	81.75 ng/ul#	99
77) Fluoranthene	19.22	202	2850520	71.06 ng/ul	98
80) Pyrene	19.59	202	2881385	66.51 ng/ul	96
81) Butylbenzylphthalate	20.49	149	1219404	104.88 ng/ul	93
82) 3,3'-Dichlorobenzidine	21.27	252	752712	84.94 ng/ul	99
83) Benzo(a)anthracene	21.34	228	2691421	75.78 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.27	149	1711184	91.03 ng/ul	99
85) Chrysene	21.39	228	2531391	71.20 ng/ul	98
87) Di-n-octyl phthalate	22.16	149	3034073	91.72 ng/ul	100
88) Benzo(b)fluoranthene	22.94	252	2903369	74.37 ng/ul	97
89) Benzo(k)fluoranthene	22.99	252	2613238	71.15 ng/ul#	97
91) Benzo(a)pyrene	23.53	252	2721494	73.47 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.94	276	3226703	80.62 ng/ul	96
93) Dibenzo(a,h)anthracene	25.96	278	2627036	84.01 ng/ul#	94
94) Benzo(g,h,i)perylene	26.65	276	2851156	78.84 ng/ul	94

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ClientSampleId : SSTD08059

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	143148	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	616275	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.42	164	317533	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.16	188	654034	20.00	ng/ul	0.00
78) Chrysene-d12	21.35	240	639880	20.00	ng/ul	0.00
86) Perylene-d12	23.63	264	668137	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	94271	77.04	ng/uL	0.00
5) Phenol-d5	6.93	99	875902	74.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	501102	71.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	751431	77.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	705291	73.59	ng/ul	0.01
19) Nitrobenzene-d5	8.93	128	341096	93.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	352792	96.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	676401	79.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	846163	68.74	ng/ul	0.00
44) Dimethylphthalate-d6	13.83	166	1804571	74.50	ng/ul	0.00
47) Acenaphthylene-d8	14.11	160	2272461	73.93	ng/ul	0.00
52) 4-Nitrophenol-d4	14.62	143	341132	88.14	ng/ul	0.01
58) Fluorene-d10	15.41	176	1498690	70.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.53	200	262258	93.01	ng/ul	0.00
71) Anthracene-d10	17.26	188	2148047	72.74	ng/ul	0.00
79) Pyrene-d10	19.56	212	2263855	70.09	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.49	264	2476673	77.52	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	98864	73.26	ng/uL	93
4) Benzaldehyde	6.91	77	462126	66.73	ng/ul	92
6) Phenol	6.96	94	891192	72.46	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.20	93	709478	72.31	ng/ul	99
10) 2-Chlorophenol	7.33	128	763153	76.36	ng/ul	98
11) 2-Methylphenol	8.21	108	706573	74.12	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.31	45	844927	68.54	ng/ul#	94
14) Acetophenone	8.60	105	1010040	66.68	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.59	70	493194	70.09	ng/ul	94
16) 4-Methylphenol	8.55	108	745865	71.42	ng/ul	100
17) Hexachloroethane	8.85	117	298117	78.89	ng/ul	99
20) Nitrobenzene	8.97	77	761819	84.63	ng/ul	93
21) Isophorone	9.50	82	1442464	77.64	ng/ul	96
23) 2-Nitrophenol	9.68	139	391692	91.00	ng/ul#	89
24) 2,4-Dimethylphenol	9.74	107	785943	75.14	ng/ul	92
25) Bis(2-Chloroethoxy)methane	9.98	93	905985	75.00	ng/ul	99
27) 2,4-Dichlorophenol	10.21	162	681884	77.31	ng/ul	99
28) Naphthalene	10.62	128	2266575	71.78	ng/ul	100
30) 4-Chloroaniline	10.72	127	872931	67.30	ng/ul	99
31) Hexachlorobutadiene	10.90	225	420328	76.86	ng/ul	99
32) Caprolactam	11.51	113	202338m	82.03	ng/ul	
33) 4-Chloro-3-methylphenol	11.85	107	707449	75.54	ng/ul	95
34) 2-Methylnaphthalene	12.23	142	1591592	69.54	ng/ul	100

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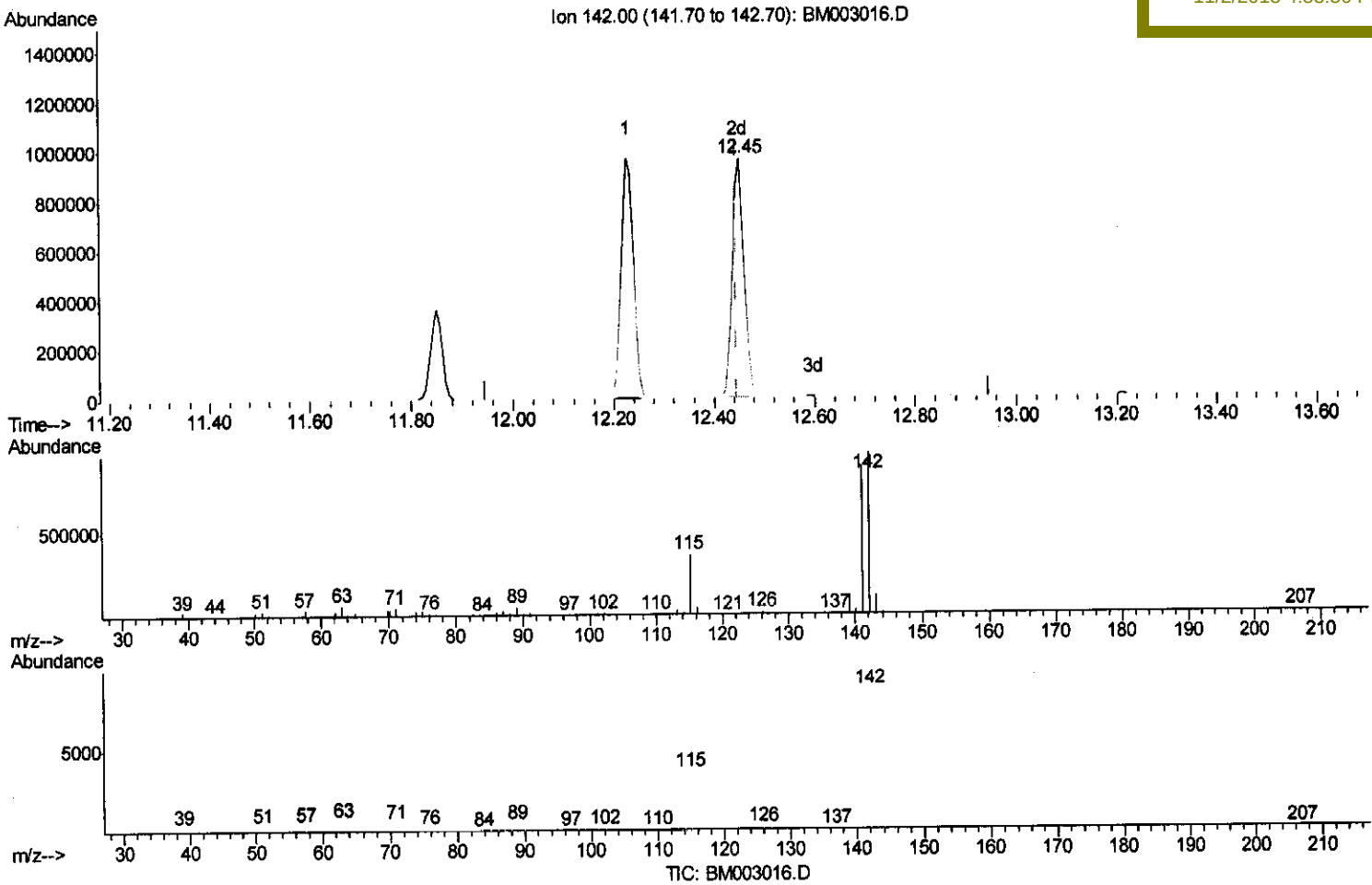

(35) 1-Methylnaphthalene

12.451min (+0.006) 68.52ng/ul m

response 1541599

Ion	Exp%	Act%
142.00	100	100
141.00	93.30	92.11
116.00	3.20	3.98#
0.00	0.00	0.00

U.A.) 10/31/15

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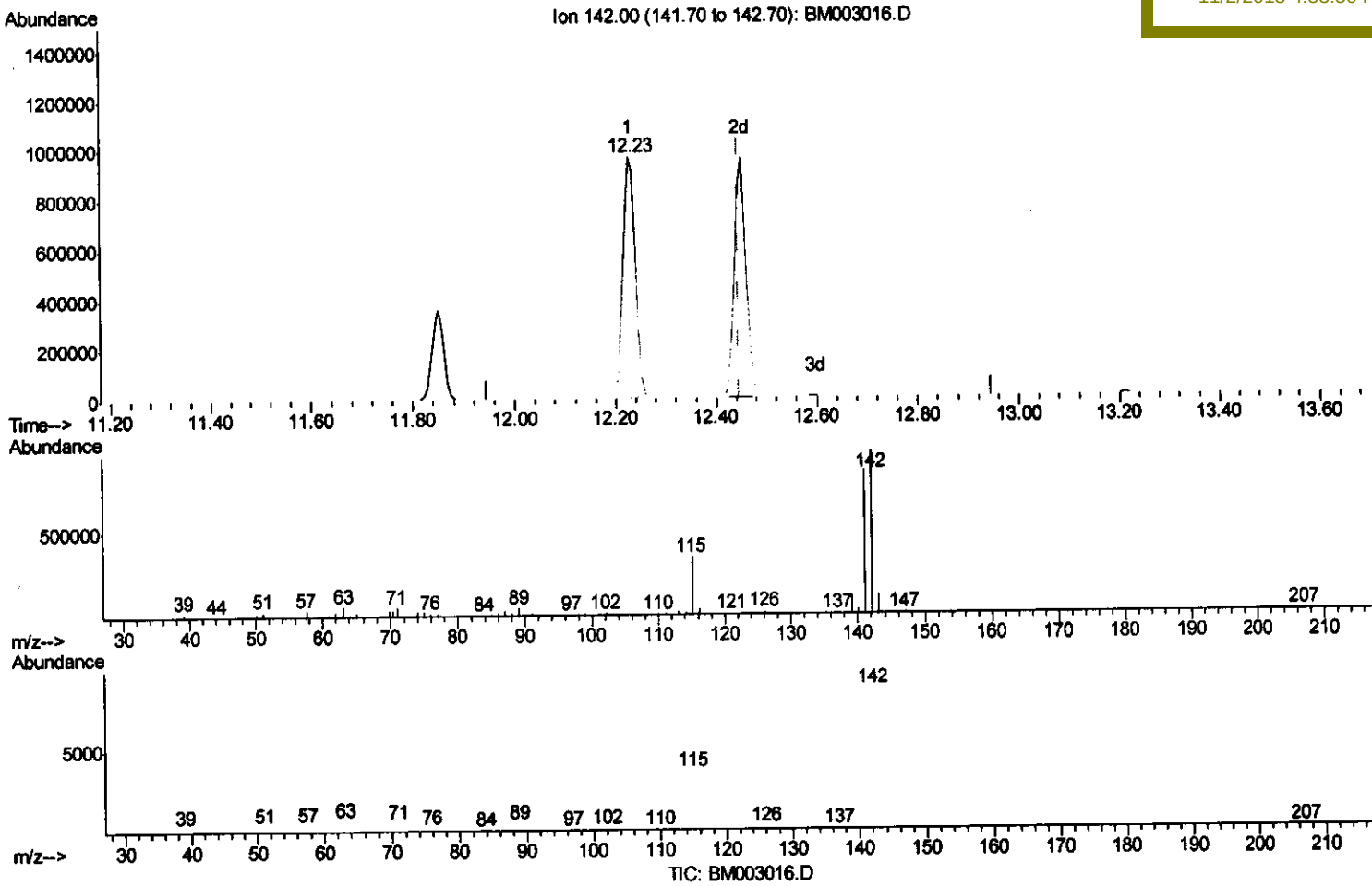

TIC: BM003016.D

(35) 1-Methylnaphthalene

12.227min (-0.218) 70.75ng/ul

response 1591592

Ion	Exp%	Act%
142.00	100	100
141.00	93.30	88.43
116.00	3.20	3.80
0.00	0.00	0.00

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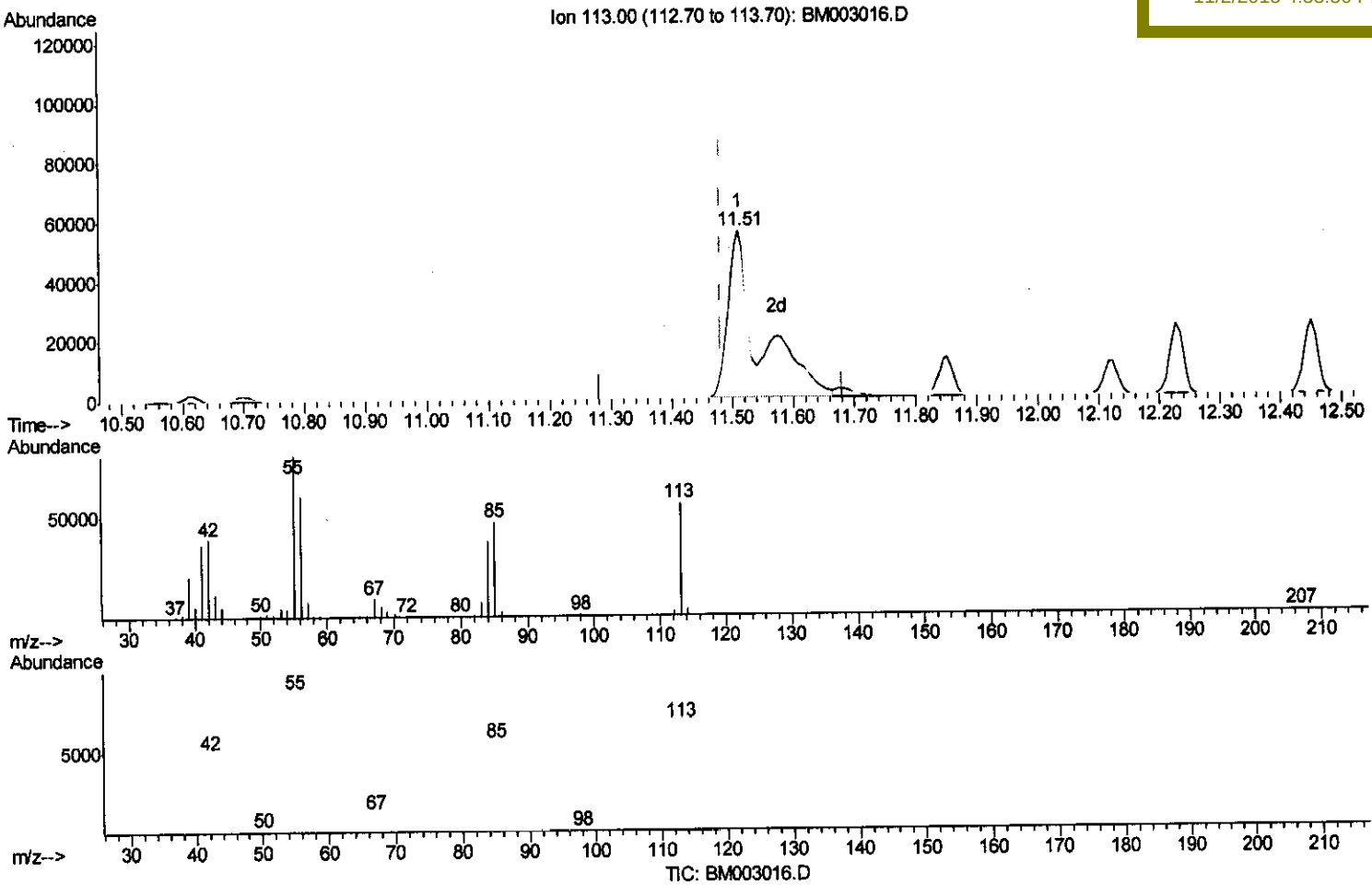

(32) Caprolactam

11.510min (+0.029) 82.03ng/ul m

response 202338

Ion	Exp%	Act%
113.00	100	100
55.00	141.10	143.61
56.00	103.40	107.10
0.00	0.00	0.00

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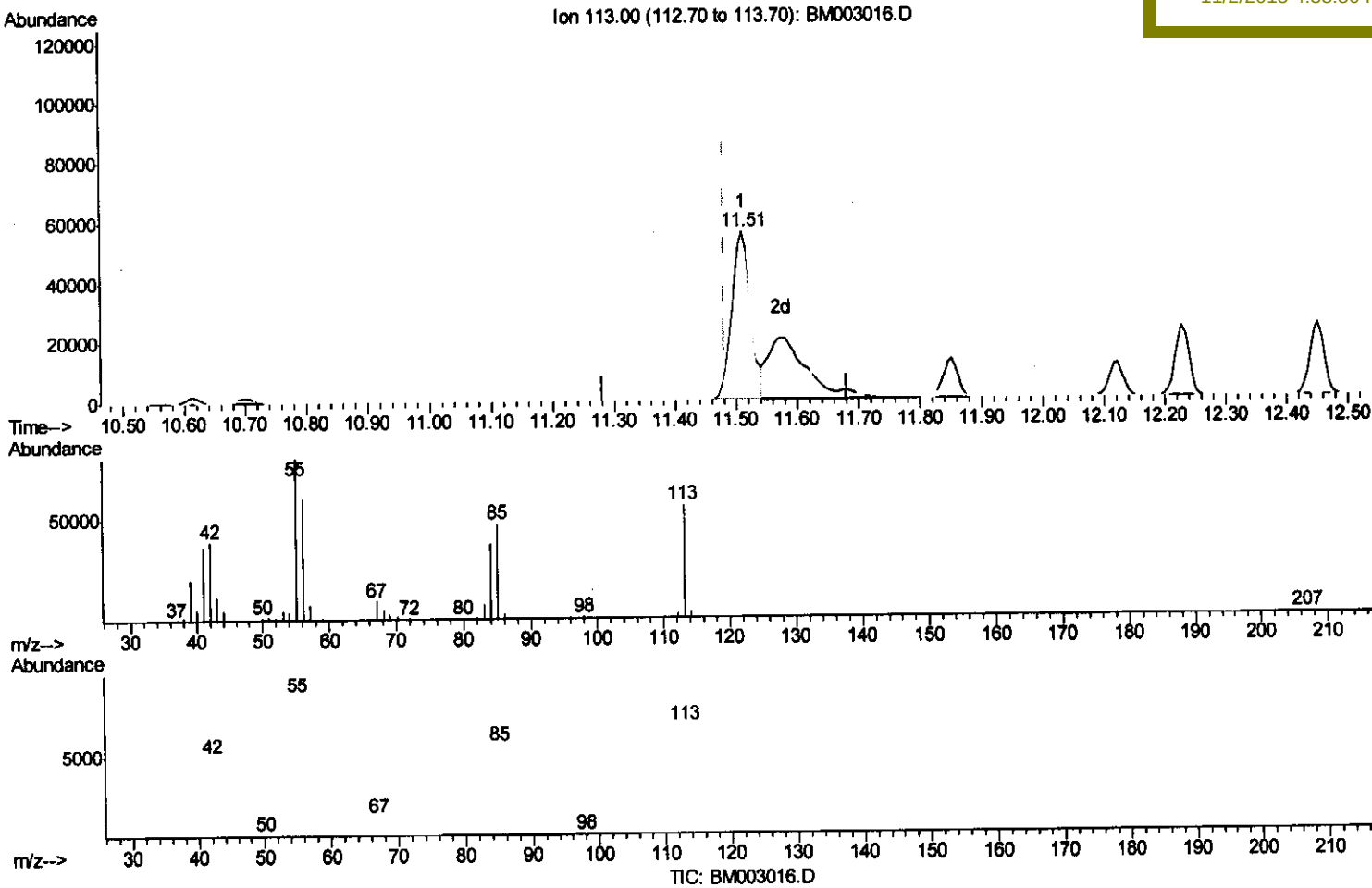

TIC: BM003016.D

(32) Caprolactam

11.510min (+0.029) 47.56ng/ul

response 117298

Ion	Exp%	Act%
113.00	100	100
55.00	141.10	143.61
56.00	103.40	107.10
0.00	0.00	0.00