Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090115\
Data File : BG018582.D
Acq On : 2 Sep 2015 3:49
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 02 04:37:32 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 02 03:47:41 2015
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02024

Manual Integrations APPROVED
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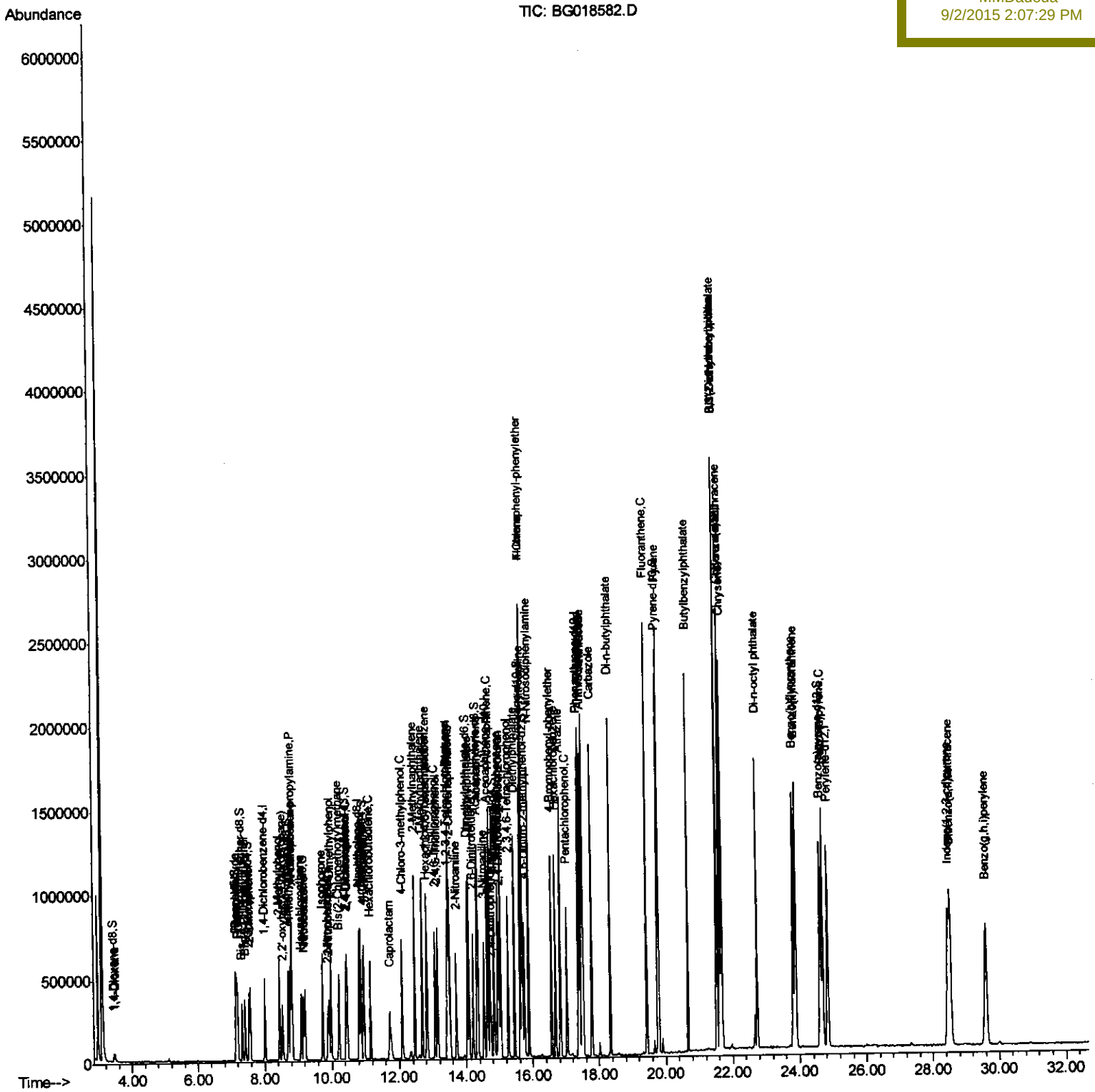

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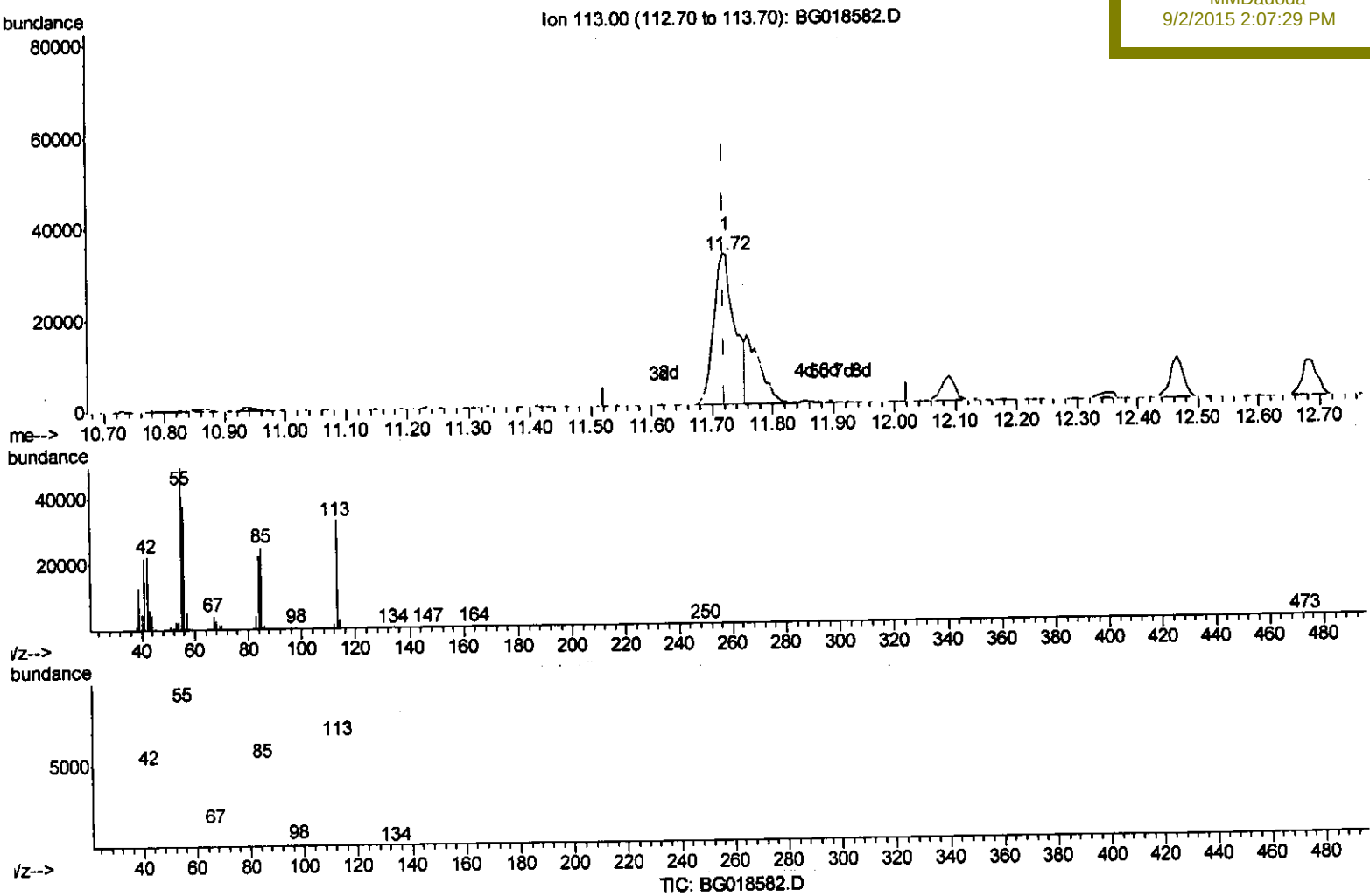

(32) Caprolactam

11.724min (+0.003) 19.67ng/ul

response 80546

Ion	Exp%	Act%
113.00	100	100
55.00	155.30	150.47
56.00	122.80	114.16
0.00	0.00	0.00

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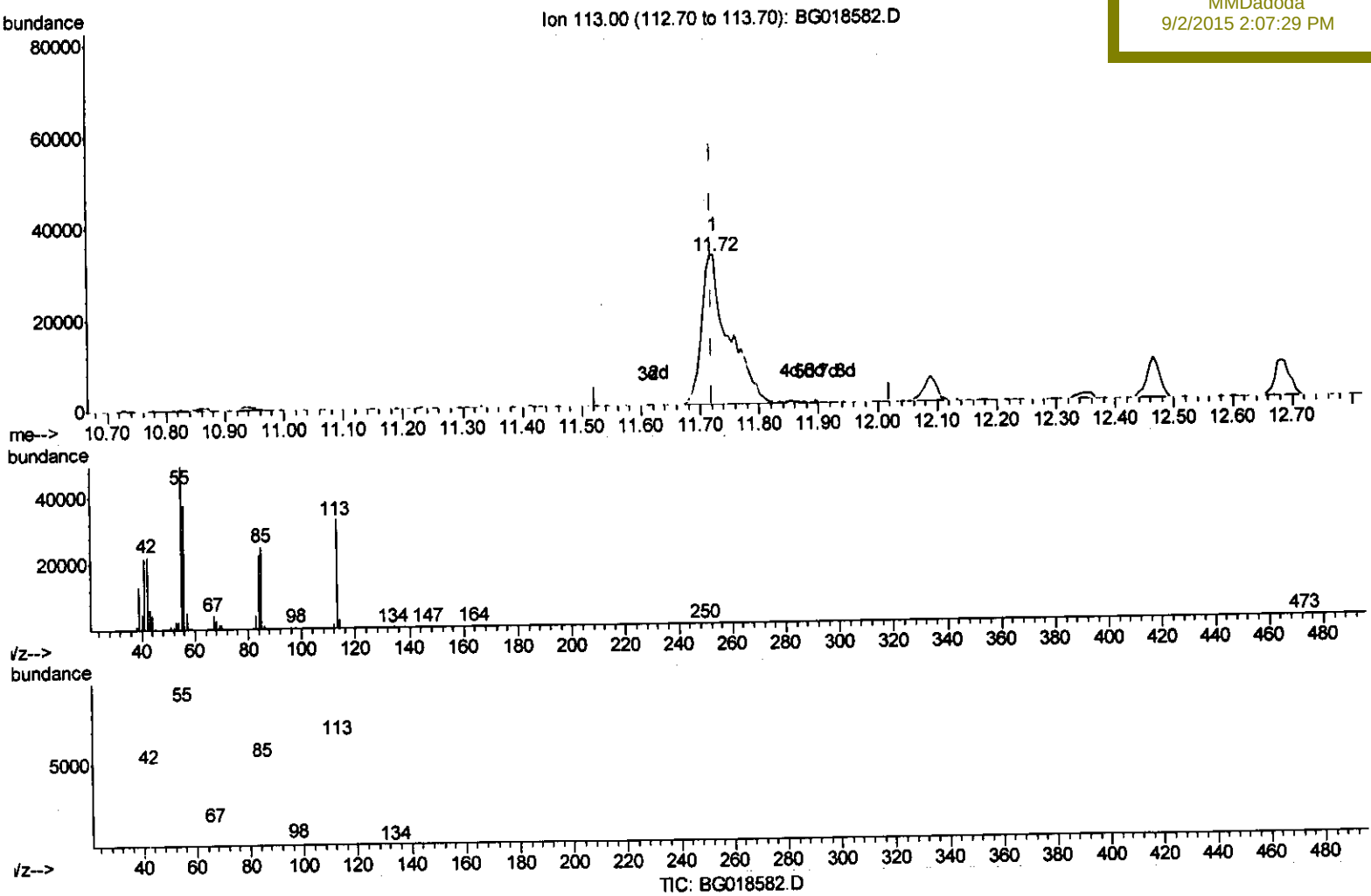

(32) Caprolactam

11.724min (+0.003) 25.64ng/ul m > U.H 09/03/15

response 105024

Ion	Exp%	Act%
113.00	100	100
55.00	155.30	150.47
56.00	122.80	114.16
0.00	0.00	0.00

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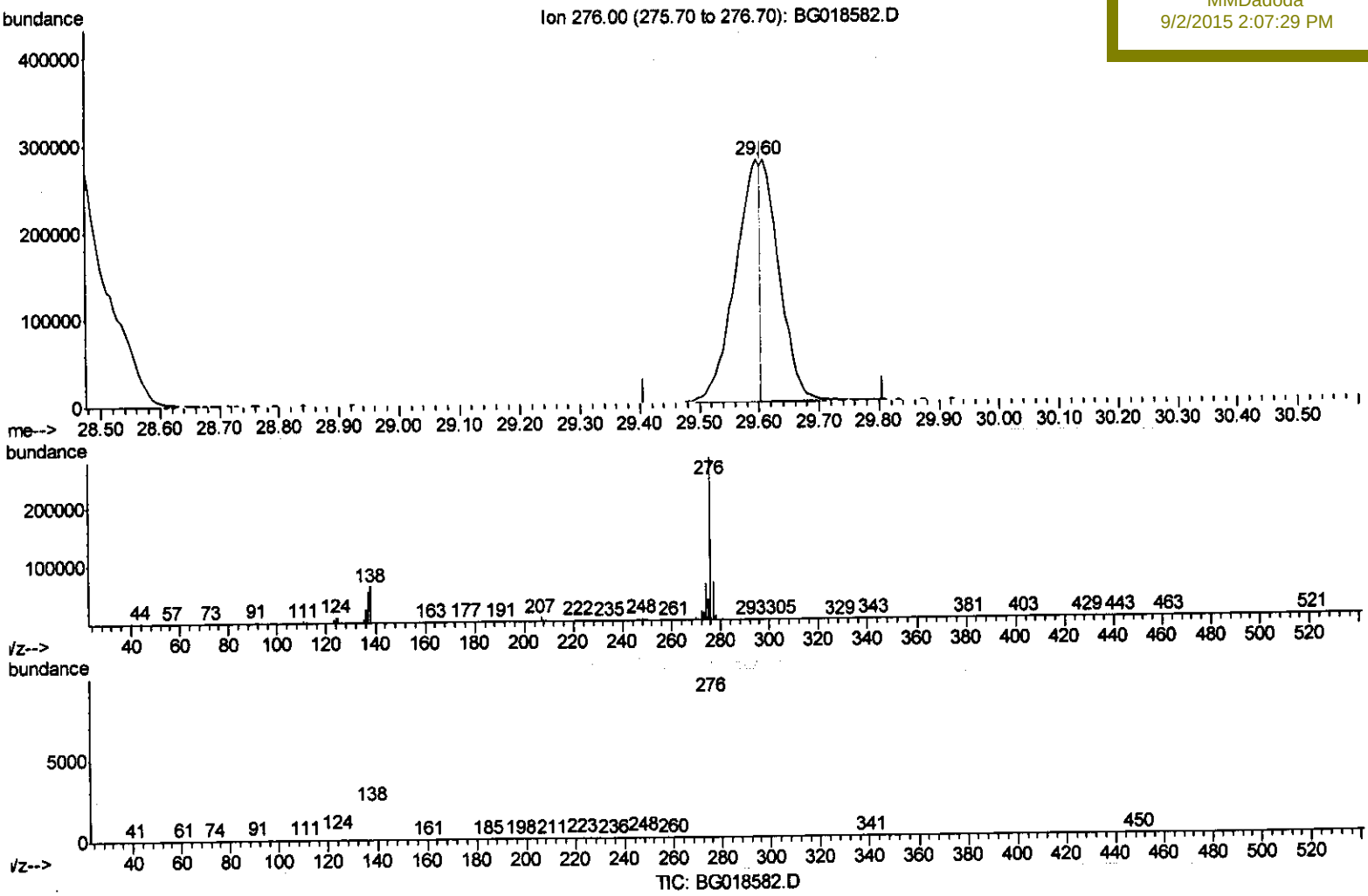

(94) Benzo(g,h,i)perylene

29.598min (-0.008) 11.77ng/ul

response 822704

Ion	Exp%	Act%
276.00	100	100
138.00	20.60	22.53
277.00	23.80	23.50
0.00	0.00	0.00

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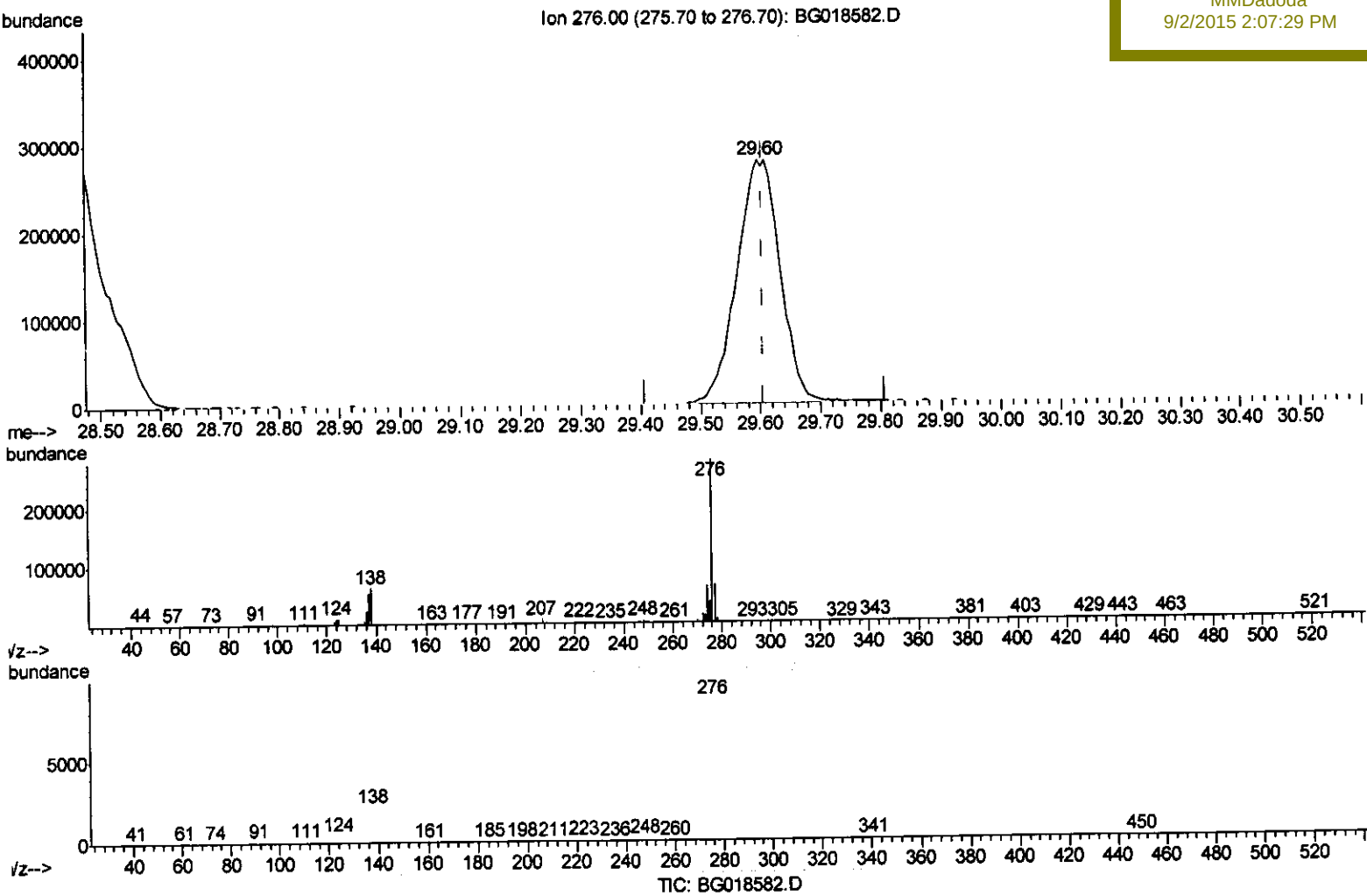

(94) Benzo(g,h,i)perylene

29.598min (-0.008) 19.96ng/ul m

response 1395077

U.M 09/03/15

Ion	Exp%	Act%
276.00	100	100
138.00	20.60	22.53
277.00	23.80	23.50
0.00	0.00	0.00

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	147041	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	644103	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.63	164	430738	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.38	188	1100919	20.00	ng/ul	0.00
78) Chrysene-d12	21.64	240	1152365	20.00	ng/ul	0.00
86) Perylene-d12	24.83	264	1204177	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	25620	7.70	ng/uL	0.00
5) Phenol-d5	7.17	99	275188	20.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	162319	19.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	198590	19.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	229159	20.44	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	106386	21.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	113687	22.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	242032	22.30	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	313543	25.56	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	768988	21.22	ng/ul	0.00
47) Acenaphthylene-d8	14.33	160	918595	20.13	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	158626	24.33	ng/ul	0.00
58) Fluorene-d10	15.63	176	659222	20.88	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	125185	23.12	ng/ul	0.00
71) Anthracene-d10	17.48	188	1063601	20.20	ng/ul	0.00
79) Pyrene-d10	19.76	212	1186478	19.85	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.61	264	1300376	20.34	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	28986	8.14	ng/uL#	84
4) Benzaldehyde	7.14	77	179914	22.98	ng/ul	97
6) Phenol	7.19	94	279767	20.55	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.42	93	204865	19.56	ng/ul	98
10) 2-Chlorophenol	7.57	128	209655	20.13	ng/ul	95
11) 2-Methylphenol	8.45	108	218462	20.70	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.54	45	267671	15.92	ng/ul#	93
14) Acetophenone	8.83	105	347773	21.47	ng/ul#	93
15) N-Nitroso-di-n-propylamine	8.81	70	183118	19.70	ng/ul#	87
16) 4-Methylphenol	8.77	108	241684	20.98	ng/ul	96
17) Hexachloroethane	9.09	117	82790	18.44	ng/ul	92
20) Nitrobenzene	9.21	77	249200	19.67	ng/ul#	91
21) Isophorone	9.73	82	509650	20.91	ng/ul	99
23) 2-Nitrophenol	9.92	139	125891	22.17	ng/ul	92
24) 2,4-Dimethylphenol	9.98	107	253724	19.94	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.21	93	308101	20.28	ng/ul	97
27) 2,4-Dichlorophenol	10.46	162	228115	22.44	ng/ul	96
28) Naphthalene	10.86	128	703026	20.65	ng/ul	99
30) 4-Chloroaniline	10.97	127	307502	24.65	ng/ul	98
31) Hexachlorobutadiene	11.15	225	128194	19.96	ng/ul#	91
32) Caprolactam	11.72	113	105024m	25.64	ng/ul	
33) 4-Chloro-3-methylphenol	12.09	107	257351	21.85	ng/ul	99
34) 2-Methylnaphthalene	12.46	142	526277	21.35	ng/ul	91

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Response via : Initial Calibration

Instrument : BNA_G
LabSampleId : SSTD02024

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.68	142	517861	21.51 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.83	216	277426	20.09 ng/ul	96
38) Hexachlorocyclopentadiene	12.81	237	137943	16.78 ng/ul	92
39) 2,4,6-Trichlorophenol	13.07	196	192277	20.44 ng/ul	99
40) 2,4,5-Trichlorophenol	13.14	196	215917	21.35 ng/ul	98
41) 1,1'-Biphenyl	13.47	154	717390	19.96 ng/ul	96
42) 2-Chloronaphthalene	13.51	162	545048	19.52 ng/ul	97
43) 2-Nitroaniline	13.71	65	179708	19.93 ng/ul	86
45) Dimethylphthalate	14.09	163	740150	20.70 ng/ul#	97
46) 2,6-Dinitrotoluene	14.20	165	160823	22.59 ng/ul#	90
48) Acenaphthylene	14.36	152	938729	20.51 ng/ul	98
49) 3-Nitroaniline	14.53	138	183462	25.26 ng/ul	90
50) Acenaphthene	14.70	153	636888	19.83 ng/ul	97
51) 2,4-Dinitrophenol	14.74	184	80751	23.26 ng/ul#	85
53) 4-Nitrophenol	14.84	109	110956	19.58 ng/ul	92
54) Dibenzofuran	15.03	168	872848	20.80 ng/ul	97
55) 2,4-Dinitrotoluene	14.99	165	237319	23.36 ng/ul	90
56) 2,3,4,6-Tetrachlorophenol	15.26	232	197908	22.46 ng/ul#	93
57) Diethylphthalate	15.45	149	779059	20.51 ng/ul	98
59) Fluorene	15.68	166	746172	20.67 ng/ul	95
60) 4-Chlorophenyl-phenylether	15.67	204	354142	20.73 ng/ul	96
61) 4-Nitroaniline	15.70	138	197131	24.58 ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.76	198	133872	23.18 ng/ul	95
65) N-Nitrosodiphenylamine	15.88	169	652406	19.70 ng/ul	95
66) 4-Bromophenyl-phenylether	16.57	248	239697	20.13 ng/ul	95
67) Hexachlorobenzene	16.69	284	259289	20.59 ng/ul#	93
68) Atrazine	16.83	200	293584	23.68 ng/ul	98
69) Pentachlorophenol	17.03	266	166717	19.77 ng/ul	93
70) Phenanthrene	17.42	178	1203763	20.15 ng/ul	99
72) Anthracene	17.51	178	1250505	20.54 ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.44	216	294505	19.33 ng/uL	99
74) Pentachlorobenzene	14.96	250	279471	19.21 ng/uL	95
75) Carbazole	17.78	167	1217395	22.81 ng/ul	99
76) Di-n-butylphthalate	18.33	149	1424909	20.44 ng/ul	98
77) Fluoranthene	19.43	202	1491019	23.37 ng/ul	98
80) Pyrene	19.79	202	1492776	19.16 ng/ul	98
81) Butylbenzylphthalate	20.67	149	648557	19.68 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.53	252	519420	21.70 ng/ul	96
83) Benzo(a)anthracene	21.62	228	1430973	20.03 ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.52	149	937568	20.13 ng/ul	99
85) Chrysene	21.68	228	1333947	19.97 ng/ul	98
87) Di-n-octyl phthalate	22.73	149	1560352	20.08 ng/ul	100
88) Benzo(b)fluoranthene	23.82	252	1470259	19.43 ng/ul	100
89) Benzo(k)fluoranthene	23.89	252	1480788	20.33 ng/ul	98
91) Benzo(a)pyrene	24.68	252	1416287	19.69 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.46	276	1673285	20.10 ng/ul	99
93) Dibenzo(a,h)anthracene	28.53	278	1375769	19.90 ng/ul	96
94) Benzo(g,h,i)perylene	29.60	276	1395077m	19.96 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